URS

July 30, 2013

Mr. Steven F. Nightingale, P.E.
Manager, Permit Section
Illinois Environmental Protection Agency
Bureau of Land
1021 North Grand Avenue East
Springfield, Illinois 62794

Subject: **Soil Vapor Sampling and SVE Monitoring Report – 2nd Quarter 2013**
Roxana, Illinois
1191150002 – Madison County
Equilon Enterprises LLC d/b/a Shell Oil Products US
Log No. B-43R

Dear Mr. Nightingale:

On behalf of Shell Oil Products US, URS Corporation is submitting the enclosed report for your review. This report includes information required by Condition 3 of Illinois Environmental Protection Agency's (IEPA) letter dated August 5, 2010, and Condition 13 of IEPA's letter dated September 13, 2012.

If you have any questions during your review, please contact Kevin Dyer, SOPUS Principal Program Manager, at kevin.dyer@shell.com (618/288-7237), or me at robert.mooshegian@urs.com (314/743-4106).

Sincerely,
URS Corporation, on behalf of Shell Oil Products US

Michael Currier
Environmental Scientist

Robert Mooshegian, CHMM
Senior Project Manager

Enclosures: RCRA Corrective Action Certification and Report (original plus 2 copies)

Cc: Kevin Dyer, SOPUS
Marty Reynolds, Village of Roxana (Repository)
Eric Petersen, Phillips 66
Jim Moore, IEPA, Springfield
Repository - Roxana Public Library
Gina Search – IEPA, Collinsville

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ILLINOIS EPA RCRA CORRECTIVE ACTION CERTIFICATION

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

1.0 FACILITY IDENTIFICATION

Name: Equilon Enterprises LLC d/b/a Shell Oil Products US

County: Madison

Street Address: 900 South Central Ave.

Site No. (IEPA): 1191150002

City: Roxana, IL 62084

Site No. (USEPA): ILD 080 012 305

2.0 OWNER INFORMATION

Name: Not Applicable

Mailing Address:

3.0 OPERATOR INFORMATION

Equilon Enterprises LLC d/b/a Shell Oil Products US

17 Junction Drive, PMB #399

Glen Carbon, IL 62034

Contact Name:

Kevin Dyer

Contact Title:

Principal Program Manager

Phone No.:

618-288-7237

4.0 TYPE OF SUBMISSION (check applicable item and provide requested information, as applicable)

☐ RFI Phase I Workplan/Report
☐ RFI Phase II Workplan/Report
☐ CMP Report; Phase
☒ Other (describe):
Soil Vapor Sampling and SVE Monitoring Report – 2nd Quarter 2013
Date of Submittal 7-30-13

IEPA Permit Log No. B-43R
Date of Last IEPA Letter on Project 6/21/13
Log No. of Last IEPA Letter on Project B-43R-CA-50
Does this submittal include groundwater information: ☒ Yes ☐ No

5.0 DESCRIPTION OF SUBMITTAL: (briefly describe what is being submitted and its purpose)

Soil Vapor Sampling and SVE Monitoring report for the 2nd Quarter 2013 in the project area located in the Village of Roxana.

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

Cover letter, RCRA Corrective Action Certification and Soil Vapor Sampling and SVE Monitoring Report – 2nd Quarter 2013

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

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

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

A person is a duly authorized representative only if:

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

Owner Signature: _____ _____ (Date)

Title: _____

Operator Signature: Kevin E Adgate 7/23/13 (Date)

Title: Principal Program Manager

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

Professional's Signature: Robert B Billman

Date: 7/25/13

Professional's Name: Robert B. Billman

Professional's Address: URS Corporation

1001 Highlands Plaza Drive West

St. Louis, MO 63110

Professional's Phone No.: 314-743-4108

Professional's Seal:

7.3 **LABORATORY CERTIFICATION** ***(if necessary)*** - The sample collection, handling, preservation, preparation and analysis efforts for which this laboratory was responsible were carried out in accordance with procedures approved by Illinois EPA.

Name of Laboratory Eurofins Air Toxics, Inc.

Signature of Laboratory Responsible Officer — Date: July 10, 2013

Heidi Hayes, Vice President R&D
Name and Title of Laboratory Responsible Officer

Mailing Address of Laboratory

180 Blue Ravine Road, Suite B

Folsom, CA 95630

REPORT

SOIL VAPOR SAMPLING AND SVE MONITORING– 2ND QUARTER 2013

Roxana, Illinois

Prepared for:

Shell Oil Products US
17 Junction Drive
PMB#399
Glen Carbon, Illinois 62034

July 2013

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Shell Oil Products US (SOPUS) has been conducting a subsurface investigation in the Village of Roxana in the area generally bounded by the alley north of East First Street, the Roxana Public Works Yard, Illinois Route 111 and the property boundary (a/k/a West Fenceline) of the WRB Refining, LP (WRB)[1] Wood River Refinery (WRR) (**Figure 1**). Additional investigation has been conducted inside the WRR; this work was conducted in cooperation with WRB/Phillips 66 (P66)[2]. For the purposes of presentation in this report only, the combined area is collectively referred to as the "Investigation Area." The Investigation Area includes a portion of a residential area in the Village of Roxana, Roxana Public Works Yard, and the adjoining portions of the WRR. For the purposes of this report, the term "Village" is used to denote the residential area generally bounded by the alley north of East 1st Street (north), 8th Street (south), Chaffer Street (east) and Illinois Route 111 (South Central Avenue) (west).

SOPUS has been investigating and delineating soil vapor in the Investigation Area through the installation, development, and sampling of vapor monitoring ports (VMPs). Vapor monitoring locations (VMP-1 through VMP-16) were installed based on a work plan submitted to the Illinois Environmental Protection Agency (IEPA) on behalf of SOPUS on January 21, 2009. IEPA approved the work plan with conditions on May 12, 2009 (IEPA, 2009). The results of the vapor investigation and delineation efforts were presented in the *Dissolved Phase Groundwater Investigation and P-60 Free Phase Product Delineation Report*, dated February 18, 2010 (URS, 2010a). Based on recommendations contained in that report, an additional four vapor monitoring ports were installed, developed, and sampled at one existing (VMP-3) and three new vapor monitoring locations (VMP-17 through VMP-19) in the Spring/Summer 2010, with results presented in the *Addendum to February 2010 Report – Supplemental Investigation Activities*, dated September 20, 2010 (URS, 2010b).

IEPA provided comments to the February 18, 2010 report in a letter to SOPUS dated August 5, 2010 (IEPA, 2010). In particular, Comment Number 3 required quarterly soil vapor sampling and reporting, and Comment Number 2 described the need to further delineate the extent of soil vapors beneath the area. Six VMPs (VMP-20 through VMP-25) were installed and added to the quarterly sampling program beginning with 1st Quarter 2011 (1Q11).

IEPA provided further comments in a March 16, 2011 letter (IEPA, 2011) to SOPUS approving the *Soil Vapor Extraction (SVE) Pilot Test Workplan*. In particular, Comment Number 2

[1] WRB, formed January 1, 2007, is a 50/50 joint venture between ConocoPhillips (COP) and EnCana US Refineries, LLC (now known as Cenovus Energy, Inc.).

[2] ConocoPhillips Company announced the separation of the Refining and Marketing business from the Exploration & Production business on July 14, 2011. The separation included an ownership change as well as a name change that became effective May 1, 2012. Phillips 66 is now the operator of the WRB WRR.

required that quarterly soil vapor sampling continue at the 25 VMP locations, and Comment Number 9 requested an updated report, including a discussion of the geology, extent of groundwater impact, and distribution of impacted soil vapor. These items/comments were included in the 1Q11 Soil Vapor Report (URS, 2011a), and have been updated for this report.

As a result of a meeting between SOPUS and the IEPA on February 8, 2012, the quarterly soil vapor sampling program was expanded to include six additional soil VMPs (VMP-31, VMP-32, and VMP-42 through VMP-45). VMP-31 and VMP-32 were installed in 2nd Quarter 2011 (2Q11) to monitor soil vapor during operation of the Internal Combustion Engines (ICE) located near 4th and Chaffer Street. VMP-42 through VMP-45 were installed during the 3rd Quarter 2011 (3Q11) and 4th Quarter 2011 (4Q11) in conjunction with the SVE System installation to monitor soil vapor concentrations. Monitoring of these VMPs commenced with the 2nd Quarter 2012 (2Q12) sampling event.

Based on the September 13, 2012 letter (IEPA, 2012), VMP-29, VMP-30, and VMP-41 located within the Roxana Public Works yard were added to the quarterly sampling program during 3Q12. Additional VMPs (VMP-47 through VMP-55) were installed during the 4th Quarter 2012 (4Q12) in the Village. Monitoring of these VMPs commenced in the 1st Quarter 2013 (1Q13) sampling event. The locations of these VMPs in the soil vapor sampling network are presented on **Figure 2**.

In the September 13, 2012 letter, IEPA also requested development of a quarterly report documenting the results of monitoring and remedial efforts associated with operating the SVE system. These results have been added to the subject report.

This section summarizes the current understanding of the Investigation Area geology and hydrogeology.

2.1 GEOLOGY

The Investigation Area is located approximately 1.5 miles east of the Mississippi River within the American Bottoms floodplain. The surface topography is generally flat; however it slopes downward to the west-southwest in the southwestern portion of the Village, with a total drop in elevation of approximately 15 feet across the area.

The ground surface in the Village within the Investigation Area, where not developed with structures, is primarily grass covered with paved (i.e. chip and seal, asphalt, etc.) alleys and streets. Beneath any man-made fill material, the subsurface conditions generally consist of silty clay underlain by sands to the depths investigated.

Subsurface stratigraphy within the Investigation Area generally consists of the following materials, from the ground surface down:

- Fill - (mainly clay, some gravel and cinders, etc.) Extends from the surface to approximately six feet below ground surface (bgs).
- Clay/Silt - Primarily silty clay. Where present, the clay generally extends from the base of the fill to approximately 12 feet bgs.
- Sand - Consisting primarily of fine to medium grained (which coarsens with depth) sand with some silt and clay, especially at the shallower depths. The sand begins at the base of the clay (or base of the fill if the clay is not present) and extends to the total depth of the borings.

Discontinuous lower permeability lenses of clay with some silt and sand are occasionally present. These lenses vary in thickness from 1 inch to a few feet and do not appear to be laterally (or vertically) extensive.

Cross-sections depicting the underlying geology were previously presented in the *Dissolved Phase Groundwater Investigation and P-60 Free Phase Product Delineation Report*, dated February 18, 2010 (URS, 2010a). These cross-sections were developed based on information provided on cone penetration test (CPT) logs and soil boring logs. A modified cross-section presenting analytical data is discussed in **Section 4.3** of this report.

2.2 HYDROGEOLOGY

Groundwater in the sand underlying the Investigation Area is the primary source for large volume water production in the area (e.g., industrial and municipal supply). Prior to

development in the area, the natural movement of groundwater was toward the west (toward the Mississippi River). Since development in the area, groundwater pumping has altered the groundwater flow in the area to flow toward nearby pumping wells (e.g. WRR, BP, etc.).

The water table encountered during 2Q13 was at a depth of approximately 29 to 48 feet bgs (approximate elevation 399 to 401 feet above sea level). The variation in depth of groundwater from the ground surface is partially due to a change in surface elevation across the study area. As a result, there is generally a 15 to 30 foot thick vadose (unsaturated) zone in the sand. Groundwater gauging data from 2Q13 indicates that the groundwater has dropped up to 0.5 to 1 foot along the WRR West Fenceline since 1Q13. Water level measurements collected during the 2Q13 groundwater gauging event and historical water level measurements collected over the past three years are provided in **Table 1**. Depth to product (if present) and depth to water were noted in electronic format using Panasonic Toughbook® technology (Toughbook®) and on groundwater field gauging sheets.

There are discontinuous low permeability clay lenses above the water table (approximately 20 feet bgs) mixed with silt and sand. These clay lenses are isolated and limited in occurrence. There are additional discontinuous clay lenses at a depth of approximately 40 to 45 feet bgs localized in the area of East 3rd Street and Chaffer Street. These may be above or below the water table depending on groundwater conditions. As a result, the groundwater contours displayed on **Figure 3** show a slight mounding in this area.

The potentiometric surface observed during the 2Q13 comprehensive groundwater monitoring well gauging[3] (**Figure 3**) illustrates groundwater flow within the Village and WRR. **Figure 4** provides the groundwater potentiometric surface for the Investigation Area in 2Q13.

[3] 2Q13 groundwater gauging performed April1-3, 2013.

The 2Q13 soil vapor sampling event was performed in accordance with applicable URS site-specific Standard Operating Procedures (SOPs) that incorporate previous IEPA comments, conditions, and/or modifications. The 2Q13 VMP sampling event was conducted April 15 through May 16, June 4 through 6, and July 11, 2013.

3.1 VAPOR MONITORING PORT SAMPLING

The soil vapor sampling network currently consists of 55 VMP locations (**Figure 2**), of which 43 locations are currently being utilized for quarterly sampling. VMPs are generally screened at four depths[4] at each location. The individual VMPs are labeled and color-coded in the field from shallow to deep by using the color scheme of yellow (first interval), blue (second interval), green (third interval), and red (fourth interval). Additional VMPs installed as part of a supplemental sampling event in 2nd Quarter 2010 (2Q10) are color-coded white (10-foot depth). Vapor ports installed during 3Q11 and 4Q11 do not have the shallow (5-foot depth) port included, and begin with the blue interval port. Soil VMP depths are provided in **Table 2**.

VMP Sampling

VMP sampling activities were attempted at each designated location within the Investigation Area. The sampling was performed in accordance with SOP No. 44R4 – Soil Vapor Purging and Sampling and ASTM D-7663-12.

Prior to VMP sampling, an initial stainless-steel canister vacuum check was performed. A designated pressure gauge provided by the laboratory was attached to the stainless-steel canister inlet, and the stainless-steel canister valve was opened completely. The pressure gauge reading was recorded as "Initial Vacuum Reading" on the stainless-steel canister tag and the field form. This ensured that the canister showed a vacuum of approximately 26 to 30 inches of mercury (Hg). If the canister displayed an initial vacuum of less than 26 inches of Hg, the canister was set aside and returned to the laboratory.

In addition, each flow controller was subjected to an isolated vacuum check to ensure that connectors did not leak. This was conducted by attaching a plug to one end of the flow controller and a barbed connector to the other. A 15 mL hand pump with a vacuum gauge was then attached to the barb. The hand pump evacuated the air inside the flow controller until a vacuum of at least 10 inches Hg was achieved. If the vacuum change over five minutes was equal to or less than 0.5 inches of Hg, the controller was considered acceptable for sampling use.

The following steps were used to collect each VMP sample:

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

- Upon arrival at a sampling location, the sampling crew would open the vapor port vault to visually check integrity of each individual soil VMP. This included checking that each port was closed with either a Swagelok® stainless-steel reducer and plug or a 4-way stopcock in place, and each VMP was properly labeled to identify the proper depth.
- The sample train was set up as shown in the photo below. After removing the stainless steel reducer or 4-way stopcock, a hose barb connector on the sample train was connected directly to the monitoring port using compression ferrule connections. A flow controller, provided by the laboratory, was then connected to the stainless-steel canister inlet. Flow controllers were not reused during the sampling event. Each flow controller is pre-set by the laboratory to collect the sample over a half-hour period. For a 1-Liter stainless-steel canister, one half-hour is a standard collection time (~28 ml/min). Once the sample train was assembled, a vacuum leak check was performed in accordance with SOP No. 44R4 – Soil Vapor Purging and Sampling.
- An enclosure was then placed over the VMP and assembled sample train as shown in the photo below. The enclosure has openings for:
  - The introduction of tracer gas (i.e., helium);
  - Pressure relief to the atmosphere and access for a tracer gas monitoring device;
  - Tygon® tubing to connect to the peristaltic pump for Valve #1 (out) and Valve #2 (out and in).

- The enclosure has sufficient glove access to open or close all valves within. The enclosure was sealed to the ground at each location with a hydrated bentonite seal.
- Helium gas was introduced into the enclosure until the atmosphere reached a concentration of approximately 50% Helium; the regulator on the helium tank was manually controlled to maintain that range.
- Three well volumes were purged from each VMP prior to sampling using a 15 mL hand pump[5]. If the pump gauge held a vacuum, the VMP was presumed to be saturated with water and no sample was collected. VMP water saturation was compared against the groundwater measurements from the initial gauging event for confirmation.
- After purging was completed a Tedlar bag sample was collected using a peristaltic pump. A Dielectric Technologies MGD-2002 field analyzer was then used to detect possible helium within the Tedlar bag sample. This check verifies the vacuum check for the sample train and integrity of the sample port. If the helium reading was $\geq$10% concentration of the helium in the enclosure, the Tedlar bag sample was additionally analyzed using a Landtec landfill gas detector to obtain a direct methane reading. The presence of methane can cause a false positive helium reading on the MGD-2002 field analyzer.
- Once the initial helium leak check was completed, the stainless-steel canister valve was opened to collect a sample for approximately 30 minutes or until a vacuum gauge reading of 5 inches Hg was observed. After sample completion, the stainless-steel canister valve was closed (isolating it from the sample train) and soil vapor was bypassed to the second Tedlar bag sample.
- A second Tedlar bag was filled following the completion of the stainless-steel canister sampling. Soil vapor readings were taken from the Tedlar bag sample for total volatile organics with a photoionization detector (PID) and a Thermo Scientific TVA 1000 Vapor Analyzer - Flame Ionization Detector (FID); and for carbon dioxide ($CO_{2)}$, methane (CH_4), lower explosive limit (LEL), and oxygen (O_2) with a Landtec GEM 2000 landfill gas meter. Readings were also obtained and recorded for helium with a MGD-2002 field analyzer. This check was used to verify the sample train integrity during and at the completion of sampling.

[5] The purge volume was calculated using the following assumptions: vapor port tubing (1/8-in diameter): 2.41 ml/foot (single volume) and sample train assembly (1/4-in diameter): 9.65 mL/foot (single volume).

- At the completion of sampling, the stainless-steel canister and flow controller were removed and separated from the sample train and a final vacuum reading was taken with a designated pressure gauge provided by the laboratory. The stainless-steel canisters were then maintained in a safe location to minimize temperature change and protect from damage prior to shipping.
- At the completion of sampling, either the VMP plug was reinstalled or the 4-way stopcock was closed to maintain port integrity.
- Field data pertaining to canister identification data (ID), start and finish time, initial and final vacuum readings, purge volumes, and leak checks for each VMP was recorded electronically using a touchpad in a Soil Vapor Sampling – Canister Sampling Data database. Data from portable field analyzers, such as, a PID, a FID, a landfill gas meter, and a helium gas detector were recorded electronically in the field by using a Toughbook.
- Field duplicates were collected by including an additional T-connection in the sample train and attaching a second stainless-steel canister with a separate flow controller. Both the original and duplicate samples were started at the same time.

Field measurements from this event and previous three years of consecutive quarterly events are presented on **Table 3.**

Additional Notes on VMP Sampling

Saturated VMP Screens **-** The groundwater monitoring well gauging results indicated that some of the VMP screens were submerged beneath the water table during 2Q13. However, purging was attempted at each of the ports with a 15 mL hand pump to verify the VMP screens were submerged.

A total of five 4th interval VMPs held a vacuum or produced water when purged with a 15 mL hand pump indicating the VMPs were most likely submerged beneath the water table. Three of the five VMPs are located in the Public Works Yard. One 1st interval VMP, two 2nd interval VMPs, and one 3rd interval VMP were also found to be submerged. Three of the nine submerged screens were present at VMP-55, which was sampled for the first time in 1Q13. Three attempts were made to develop VMP-55-5, VMP-55-10, and VMP-55-30; however, all ports remained submerged after each development attempt. All three ports remained submerged during the 2Q13 sampling event. VMPs that were submerged and could not be sampled during 2Q13 are identified on **Figures 5 and 6**.

Resamples **–** VMP-24-5 and VMP-49-20 were resampled on May 1, 2013 and May 9, 2013, respectively, after the samples collected yielded a final vacuum of zero (0) inches of Hg on field

pressure gauges. All four ports at VMP-53 were resampled on July 11, 2013 after review of the results at VMP-53-10 indicated an anomaly when compared to prior results from the location. All field screening data collected at this location were consistent with the data collected during the July 11, 2013 resample. Data from the resample appears more representative and was used for certain figures in this report. The field data for these samples are provided on **Table 3**.

Helium Leaks – Ten VMPs failed to pass the helium leak check in the field when sampling was initially attempted. Sampling was reattempted at these VMP locations: VMP-6-5, VMP-6-10, VMP-8-23.5, VMP-11-8, VMP-31-10, VMP-31-20, VMP-43-10, VMP-44-30, VMP-45-10, and VMP-48-10. Valid samples were obtained, except for VMP-6-5 and VMP-31-20 due to three consecutive helium leak check failures in the field. The field data for these samples are provided on **Table 3**.

Re-installation – Two VMP locations had sampling ports re-installed in 2Q13 due to the apparent loss of integrity in the VMP tubing. VMP-3-5 was replaced on May 29, 2013. VMP-3-10 was also replaced due to VMP-3-5 being re-installed in the sampling vault for VMP-3-10. All four sampling ports at VMP-7 were re-installed on May 30, 2013.

3.2 HEALTH & SAFETY, DECONTAMINATION, AND INVESTIGATION DERIVED WASTE

Health & Safety

The quarterly sampling activities were performed and governed by the *Roxana / Route 111, WRR, and Rand Avenue Investigation and Remediation Health and Safety Plan,* dated April 2013 (URS, 2013a), as prepared by URS.

Prior to beginning site work and at the start of work each day, a daily safety meeting was held. The purpose of this meeting was to discuss the day's planned activities and to address any potential health and safety concerns. As a part of the daily safety meeting, job safety analyses (JSAs) were reviewed to address task specific safety concerns.

URS field personnel primarily wore U.S. Environmental Protection Agency (USEPA) modified Level D personal protective equipment (PPE), which included hard hat, steel-toed boots, safety glasses, etc. In addition, work within the WRR was performed wearing flame retardant clothing (FRCs) per WRR requirements (in areas where required).

A PID with a 10.6 electron volt (eV) probe, combustible gas indicator (CGI), UltraRAE with benzene specific measuring tubes, and individual hydrogen sulfide gas detectors (for locations inside WRR) were used as needed during the field activities to monitor air quality. Field instruments were calibrated prior to use each day in accordance with the manufacturer's specifications.

Decontamination

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

Investigation Derived Waste

Investigation derived waste (IDW) for this sampling event included PPE and expendable materials (e.g., gloves and tubing), which has a low probability of impact. The expendable materials were collected in trash bags and disposed with municipal waste.

3.3 SAMPLE HANDLING AND LABORATORY TESTING

Sample Handling

Stainless-steel canisters were labeled with a sample ID, site name, sampler initials, sample date and time, the parameters that were to be analyzed, and pre- and post- vacuum readings. After collection, the samples were logged on a chain-of-custody (COC) form and packaged in a UN-certified box to prevent damage during shipment. The samples were then delivered under the proper COC documentation to the laboratory. Due to the potential flammable nature of the vapor in the stainless-steel canisters, some soil vapor samples were shipped as hazardous materials according to applicable International Civil Aviation Organization (ICAO) regulations.

Laboratory Testing

Eurofins Air Toxics, Inc. (Eurofins) of Folsom, California conducted the laboratory testing and the following test methods were utilized during this scope of work:

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

URS worked with the laboratory to attain reporting limits for compounds that have screening criteria so that, to the extent possible, they were less than the screening criteria. In some cases,

this necessitated reporting results between the method detection limit (MDL) and reporting limit (RL). Although results reported in this range are "J"-flagged as estimated, these data may be beneficial in cases where analytes would otherwise be reported as non-detect at RLs above screening levels. The laboratory provided URS with a list of their "base" RL capability for target analytes. Sample RLs are a product of base RL, pressurization dilution factor, and analytical dilution factor. Thus the sample RL will increase with increases in dilution factor. Results that were reported below the RLs but above the MDL were "J"-flagged as estimated concentrations by the laboratory.

3.4 DATA QUALITY REVIEW AND DATA MANAGEMENT

Laboratory data were provided in electronic form, and analytical data were independently reviewed and qualified by URS. One hundred percent of the data were subjected to a data quality review (Level 3 review). Evaluation of the data followed procedures outlined in the USEPA National Functional Guidelines for Superfund Organic Methods Data Review (USEPA, 2008). Specific criteria reviewed included sample receipt condition and holding times, method blanks, surrogate spike recoveries, laboratory control samples, results reported from dilutions, and field duplicate results. The laboratory assigned data qualifiers on the basis of their quality control or to indicate sample analysis information (e.g., dilutions). Data qualifiers were also added by URS, as appropriate, and are included on the data tables and laboratory result pages. Laboratory data reports along with data reviews are included in **Appendix A**.

The screening values used were presented in the IEPA's Tiered Approach to Corrective Action Objectives (TACO) Title 35 – Part 742; Appendix B, Table H: Tier 1 Soil Gas and Groundwater Remediation Objectives for the Indoor Inhalation Exposure Route – Diffusion and Advection for soil vapor effective July 15, 2013 and are shown on **Table 4.** Not all TO-15 Method constituents have TACO screening criteria.

Field data and documentation collected as part of this scope of work became part of the project file. URS maintains the files for the site and the database management system.

The following documentation was completed and supplements the COC records, excluding SVE system data which are described in **Section 5**:

- Field logbooks;
- Groundwater field gauging sheets;
- Soil vapor sample collection sheets;
- Field sample collection data via electronic Toughbook®; and
- Safety documentation

4.1 DATA QUALITY REVIEW RESULTS

A total of 148 investigative and 15 field duplicate samples were collected from VMPs for analysis of VOCs (TO-15 analytes) and natural gases. Compounds qualified by URS due to method blank contamination, field duplicate results, and quality control sample recoveries are specified in the data reviews (**Appendix A**). Based on method blanks, laboratory control sample recoveries, results reported from dilutions, and field duplicate results, soil vapor results reported for the analyses performed were accepted for their intended use.

4.2 SOIL VAPOR ANALYTICAL RESULTS

The following TO-15 analytes were detected at concentrations at or above the reporting limit in soil vapor during the 2Q13 sampling event:

TO-15 Detections

Acetone	4-Methyl-2-pentanone
Benzene	Methyl tert Butyl Ether (MTBE)
Bromodichloromethane	n-Propylbenzene
Butane	2-Propanol
2-Butanone	Tetrachloroethene
Carbon disulfide	Tetrahydrofuran
Chloroform	Toluene
Cyclohexane	1,1,1-Trichloroethane
Ethanol	Trichlorofluoromethane
Ethylbenzene	1,2,4-Trimethylbenzene
4-Ethyltoluene	1,3,5-Trimethylbenzene
Heptane	2,2,4-Trimethylpentane
Hexane	m,p-Xylene
Isopentane	o-Xylene
Isopropylbenzene (Cumene)	

Additionally, several compounds were detected at concentrations estimated below the reporting limit.

Cumulative tabular summaries of the analytical results for the Village are presented in **Table 5** and the Roxana Public Works Yard and WRR are presented in **Table 6.** Analytical results were compared to the previously mentioned screening values. Sample results from VMP-1 through VMP-9, VMP-18 through VMP-24, VMP-31, VMP-32, VMP-42 through VMP-45, and VMP-47 through 54 (located near residences in the Village) were compared against the residential screening criteria. Samples from VMP-10 through VMP-17, VMP-25, VMP-29, VMP-30, VMP-41, and VMP-55 (located at or near the Public Works Yard or WRR) were compared against the industrial/commercial screening criteria. A cumulative tabular summary of the

results for natural gases are presented in **Table 7.** The laboratory analytical reports for the soil vapor samples collected during 2Q13 sampling event can be viewed in **Appendix A.**

VMP-47 was reinstalled on May 29, 2013. Evaluations of the data collected at VMP-47 are currently underway. For additional information refer to **Section 5.2.**

Benzene was selected as the key analyte to characterize soil vapor, in the paragraphs below.

Village

Detected concentrations of benzene from locations within the Village ranged from an estimated 0.00088 mg/m^3 (VMP-51-5) to 100 mg/m^3 (VMP-50-30). The results of screening for samples collected in the Village against the residential screening criterion indicate that nine of the sample locations had at least one port with a benzene concentration above the residential screening criterion (0.37 mg/m^3) during this sampling event. The cumulative results for benzene in soil vapor for samples collected in the Village are depicted on **Figure 5**.

Analytical results also identified an exceedance of the residential screening criterion for m,p-Xylene and o-Xylenes at VMP 4-23.5, VMP-4-39, and VMP-50-30. Exceedances of m,p-Xylene and o-Xylenes have been observed at these three locations in prior sampling events. VMP-31-30 and VMP-32-30 had exceedances of m,p-Xylene and o-Xylenes for the first time in 2Q13.

Roxana Public Works Yard Area

Benzene concentrations from locations within the Roxana Public Works Yard and the area along Illinois Route 111 ranged from an estimated 0.0027 mg/m^3 (VMP-11-38) to 30,000 mg/m^3 (VMP-14-29). Samples from at least one port at three of the locations within the Roxana Public Works Yard exceeded the commercial/industrial screening criterion (2.8 mg/m^3) for benzene. As indicated in **Section 3.1**, the 5ft and 10ft ports at VMP-55 could not be sampled due to water present. This VMP is in the Illinois Route 111 right-of-way, and water is present in the shallow fill. Attempts to sample these locations will continue during quarterly sampling events. The cumulative results for benzene in soil vapor for samples collected in the Roxana Public Works Yard are depicted on **Figure 6**.

WRR

Benzene concentrations from the locations sampled within the WRR ranged from an estimated 0.001 mg/m^3 (VMP-12-11.5) to 1,700 mg/m^3 (VMP-12-39). Samples from at least one port at the two locations within the WRR exceeded the commercial/industrial screening criterion (2.8 mg/m^3) for benzene. Methane results from the ports at VMP-47 range from 3.4% to 5.3% and oxygen results range from 1.6% to 1.7%. These data, along with available field screening data,

are being evaluated to determine whether additional maintenance work is warranted at this VMP. The cumulative results for benzene in soil vapor for samples collected in the WRR are depicted on **Figure 7**.

Natural Gas Data

Natural gas data indicate that the concentration of methane increases from shallow to deep sample depths, but oxygen concentrations decrease from shallow to deep sample depths (methane and oxygen are generally inversely correlated in soil vapor). In general, the trend in oxygen levels in most VMPs has been upward since the SVE system has been operating. Higher oxygen levels (>5%) with lower methane levels indicate an environment capable of supporting aerobic biodegradation (Ririe et al., 1998). Oxygen levels appear to be increasing in VMPs closer to the SVE system (e.g. along Chaffer Street) in the Village. A summary of the natural gas results is presented in **Table 7.**

4.3 CONCEPTUAL SITE MODEL

Vapor Intrusion

The primary concern for shallow soil gas is the potential for intrusion through basement and/or building slabs. In September 2011, SOPUS began installation of a full scale SVE system to address the source of these vapors. The system became operational on January 31, 2012 following the completion of the 1Q12 sampling effort. The objective of the SVE system is to mitigate vapors along the West Fenceline of the WRR and in the vicinity of the Roxana Public Works Yard. Construction of the Roxana Public Works Yard portion of the SVE system was completed during 4Q12, and this portion became operational on December 3, 2012. Refer to **Section 5.1** for further discussion on SVE system operation. **Figure 8** presents a cross-section along Chaffer Street with a vertical distribution of the benzene concentrations superimposed.

At most locations, oxygen is present in the shallow depths and little or no aromatic hydrocarbons (e.g., BTEX) are present. Carbon dioxide levels are relatively high throughout the soil column at many locations, which supports that degradation of petroleum hydrocarbons is occurring via aerobic biodegradation. There is up to 30 feet of open vadose zone which allows for biological degradation of constituents in soil vapor as they slowly diffuse upwards.

C Tech Development Corporation's Environmental Visualization System PRO, Version 9.52 (EVS-PRO) was used to model the estimated distribution of benzene in the soil vapor. **Figure 9, Figure 10,** and **Figure 11** present a horizontal distribution of benzene at 5, 10, and 25 feet bgs, respectively.

Groundwater Monitoring Well Gauging and Sampling

The results for groundwater monitoring well gauging and sample are presented in the *Interim Groundwater Monitoring Program – 2nd Quarter 2013* report (URS, 2013b). **Figure 12** presents the estimated distribution of dissolved phase benzene in the groundwater. Light non-aqueous phase liquids (LNAPL) thicknesses observed during the 2Q13 comprehensive monitoring well gauging is presented in **Table 1** and shown on **Figure 13**.

As requested in the SVE system approval letter from IEPA, 2012 (Condition Number 13), this section addresses operation of the SVE system. As such, the discussion in this section will address operation of the SVE system during 2Q13.

As presented in the June 2011 *Conceptual/Final Design Report* (URS, 2011b), the May 2012 *SVE System Construction Completion Report* (URS, 2012), and the February 2013 *SVE System Construction Completion Report Addendum* (URS, 2013c), URS designed and constructed a SVE system along the West Fenceline and within the Public Works Yard. The SVE system was installed to reduce the potential for vapors from LNAPL and impacted soil and groundwater within WRR to migrate into the Village.

The SVE system consists of 34 SVE wells, 25 of which are located along the West Fenceline, three are located in the Village along East 4th Street west of Chaffer Avenue, and six are located in the Public Works Yard. The SVE wells are connected via 4-inch piping to vapor/liquid separators (VLS) and a rotary lobe positive displacement blower housed within a customized intermodal freight container ("conex") (**Figure 14**). Piping from the SVE wells feeds into the conex, where vapor moves through the VLS', before traveling through the blower and a baffle connected to a Regenerative Thermal Oxidizer (RTO). A second blower, located on the RTO side of the baffle, pushes the vapor into the RTO and adds fresh air to dilute the vapor stream as necessary.

5.1 SVE SYSTEM OPERATIONS

System start-up was initiated on January 31, 2012. Five individual header lines are connected to specific sets of SVE wells along the West Fenceline and or in the Village at 4th Street. These lines carry vapors to the RTO and the relationship between the SVE wells and the lines that they are connected is shown on **Figure 14**. As the system was starting up, vapor removal from specific sets of wells were brought on line in a systematic order. The line connected to wells SVE-3, SVE-4, and SVE-25 was brought online first systematically followed by the others until all lines and wells were in operation.

Full scale operations commenced on April 1, 2012, with all lines and all SVE wells in operation, except for those located inside the Public Works Yard. Only one of the SVE wells (SVE-20/located outside of the Public Works Yard) on that line was operational during the first three quarters of the year. Lack of access prevented SVE wells inside the Public Works Yard from being connected until December of 2012. The remaining SVE wells inside the Public Works boundary (SVE-21 through SVE-24, SVE-26, and SVE-27) connected to a 6th line were brought online December 2012 when construction of that section was completed.

Sampling of VMP-1 through VMP-46 commenced during or prior to 3Q12 (mentioned in Condition Number 9 in the IEPA, 2012 letter).

5.2 SVE MAINTENANCE ACTIVITES AND MODIFICATIONS

URS personnel have performed scheduled system maintenance as outlined in the manufacturers' suggested operations and maintenance (O&M) documents. The scheduled maintenance includes routine lubrication, and inspection of belts, oil levels, and emergency stops, along with water levels and associated switches with the vapor liquid separators (VLSs). Timing and frequency of maintenance activities is dependent on the designated intervals. Checking and cleaning of filters and components exposed to dirt and/or the elements were performed as part of a routine weekly inspection. System SVE wells and associated vaults inspections were also conducted on a weekly basis. The last scheduled 800 hour maintenance event was performed on June 20, 2013 and included among other things changing the VLS and manual dilution line air inlet filters.

On April 10, 2013 at 2015 hours the system experienced shut down due to inclement weather; the system was restarted on April 11, 2013 at 0830 hours. On May 31, 2013 the system again experienced shutdown due to inclement weather, the vicinity of the system experienced extreme storms including tornados. The system incurred no damage during inclement weather events in 2nd quarter 2013. The system shut down at approximately 2000 hours on May 31, 2013 and was restarted on June 1, 2013 at 1330 hours.

On June 25, 2013 and June 26, 2013 stack testing activities were conducted on behalf of SOPUS by Geosyntec Consultants at the SVE system. These activities required the removal of the system intake duct for installation of additional sampling ports that were required as part of the testing. To remove the intake duct and install sampling ports, the system was shut down from June 18 to June 21, 2013. Additionally, testing activities required adjusting of the system dilution intake for the purpose of modifying the chamber temperatures. Details of stack testing activities will be provided by Geosyntec under separate cover.

The following chronology outlines maintenance and repairs and includes stack testing activities and down time associated with the system during 2nd quarter 2013.

- **April 10, 2013** – System down from 2015 hours on 4/10/13 to 0830 hours on 4/11/13 due to inclement weather.
- **May 13, 2013** – Poppet valve seating was adjusted following determination of variable concentration readings from the stack. The system was shut down from 1550 hours on 5/10/13 to 5/13/13 to readjust the poppet valves.

- **May 31, 2013** – System down from 2000 hours on 5/31/13 to 1330 hours on 6/1/13 due to inclement weather.
- **June 4, 2013 –** The chart recorder data card was switched out at 1330 hours.
- **June 18, 2013 –** The system was shut down at 1700 hours for intake duct removal activities. These activities were required in conjunction with installing additional sampling ports for upcoming stack testing activities scheduled for 6/25/13. These installation activities were completed on 6/21/13 and the system restarted at 1600 hours.
- **June 24, 2013 –** The system chart recorder data collection software was modified to collect temperature readings every one minute instead of every ten minutes as was previously collected.
- **June 25, 2013 –** Stack testing activities were conducted 6/25/13 through 6/26/13. During stack testing activities the system was shut down three times for test port configuration. Shut downs occurred on 6/25/13 from 1209 hours to 1233 hours, and on 6/26/13 from 1917 hours to 1929 hours and 1933 hours to 2001 hours. Additionally, the chart recorder data collection card was exchanged on 6/25/13 at 1500 hours and on 6/26/13 at 2000 hours.

Activities associated with system maintenance, modifications, and testing were appropriately documented both in the field maintenance log maintained on site and in the office central (electronic) file.

System Modifications

Based on anomalous field screening results during the monthly SVE system monitoring of VMP-47 on January 19, 2013, the integrity of this VMP was evaluated during 2Q13. Tedlar sampling was initiated daily on January 19, 2013 at VMP-47 to evaluate the conditions at the VMP. Daily Tedlar sampling data for VMP-47 can be found in **Table 8**. VMP-47 was replaced on May 29, 2013. After the re-installation of VMP-47, anomalous field screening results were obtained during the 2Q13 quarterly sampling of the location. A vacuum pressure communication test was conducted on each port at VMP-47 on June 7, 2013 to check for potential integrity issues. Data collected from VMP-47 is currently under evaluation.

5.3 SVE SYSTEM MONITORING RESULTS

The results of field screening samples collected monthly from SVE wells and VMPs can be found in **Tables 9 and 10**, respectively. The results of the header and RTO exhaust analytical data can be found in **Table 11**. Data reviews and laboratory analytical reports for the headers

and RTO exhaust data can be found in **Appendix A**. The data required pursuant to Condition Number 11 of the IEPA, 2012 letter are contained in those tables.

SVE Well & VMP Tedlar Sampling Details:

- 34 SVE wells were sampled monthly. SVE wells are shown on **Figure 14**.
  - SVE-3, SVE-4, and SVE-25 are located in the Village
  - SVE-5 through SVE-20 and SVE-26 through SVE-36 are located on WRR North Property
  - SVE-21 through SVE-24, SVE-26, and SVE-27 are located on Roxana Public Works Property
- 38 VMPs were sampled this quarter (VMP-1 through VMP-7, VMP-9, VMP-12, VMP-17, VMP-19, VMP-26 through VMP-28, VMP-31 through VMP-40, and VMP-42 through VMP-55)
- With the exception of VMP-17 and VMP-19, VMP locations contain either 3 or 4 screen depths between 5 feet and 42 feet bgs. Locations VMP-17 and VMP-19 contain only one. VMP depths are provided in **Table 2**.

SVE System Monitoring Results:

- The reduction in hydrocarbon concentration at SVE extraction wells and nearby VMPs has continued due to daily monitoring and adjustments of the SVE system (addition of Roxana Public Works SVE wells and continued reduction of dilution air). See mass removal calculation discussion details in **Section 5.4**.
- Vacuum measurements were obtained monthly at the SVE wells and selected VMPs within the Village and WRR. Vacuum data can be found in **Table 9 and 10**.
- Differential pressure data collected from each SVE leg located at the RTO were obtained and can be found in **Appendix B**.

Trends related to hydrocarbon concentrations monitored in the field are expected to continue, and these numbers are expected to improve as the system is operated and/or optimized.

5.4 SYSTEM OPERATION EVALUATION

A key focus of the system operation thus far has been stability and consistency. The system has been more than 93% operational since its start-up. For the months of April, May, and June 2013, the system uptimes were 98.3%, 89.8%, and 88.1% respectively.

April			May			June		
Total Time	Total Uptime	Percentage Uptime	Total Time	Total Uptime	Percentage Uptime	Total Time	Total Uptime	Percentage Uptime
720 hours	707.5 hours	**98.3 %**	744 hours	668 hours	**89.8%**	720 hours	634.25 hours	**88.1%**

The demonstrated consistency of subsurface vacuum levels, not only in SVE wells, but also in the VMP's, reflects well on the status of the system operation to this point. The system will be operating under optimal vacuum conditions when all supplemental and engineered dilution is eliminated from the RTO intake. Due to high soil vapor concentrations, supplementary dilution air to the RTO unit has been required in order to maintain optimal operating temperatures and conditions within the RTO. In order to achieve optimal influence of the system vacuum, the dilution air must be eliminated. Currently, only the engineered manual dilution valve located above the system blower is in use. As the manual dilution air is eliminated from the system, both vacuum and radius of influence within the system area are expected to increase.

Hydrocarbon Mass Removal

The total hydrocarbon mass of soil vapor removed by the SVE system was estimated by measuring the total hydrocarbon concentrations of the extracted soil vapors and the soil vapor flow rates into the SVE system. The results of the header and RTO exhaust analytical data can be found in **Table 11**. A FID calibrated with methane was used to measure total hydrocarbon concentrations in samples collected from the West Fenceline Header and the Public Works Header. Total header hydrocarbon concentrations are included in **Appendix C**.

Total soil vapor flow rates were determined by calculating flow rates for the individual SVE legs that carry vapors from the SVE wells to the SVE system. Pressure, differential pressure, and temperature were measured in each leg. This data and Equation 2.7 and Equation 2.8 from USEPA Test Method 2 "Determination of Stack Gas Velocity and Volumetric Flow Rate (Type S Pitot Tube)" (Method 2) were used to calculate flow rates for each leg[6]. The flow rates for the appropriate legs were summed to determine flow rates in the West Fenceline Header and the Public Works Header. Flow rates are included in **Appendix D**. Only flow rates and concentrations samples taken on the same day were used to calculate mass removal.

At times, supplemental ports added dilution air to the soil vapors flowing into RTO. The dilution value settings were documented for the periods during sample collection. In order to account for

[6] USEPA Method 2 "Determination of Stack Gas Velocity and Volumetric Flow Rate (Type S Pitot Tube)" specifies that a default pitot tube coefficient of 0.99 shall be used to calculate flow if the coefficient is unknown and the tube is designed according to the criteria of Sections 6.7.1 to 6.7.5 of this method. During the 2nd Quarter 2013, a review of the calculation was performed and it was noted that a 0.67 coefficient should be used for the specific pitot tubes used to collect data at the site. URS has corrected the previously calculated mass removal to reflect the 0.67 pitot tube coefficient.

the dilution air's contribution to the flow in the header, dilution air measurements were obtained for each dilution valve setting documented using the method described in the paragraph above. These dilution measurements were added to the appropriate header flow rates in order to estimate the total flow through the header during each concentration sampling event.

Hydrocarbon mass removed for the period between each concentration sample was calculated using the following equation:

$$M_{THC} = Q \times 60 \times \varphi \times \frac{M_c}{385.1 \times 10^6} \times h \div 2000$$

Where:

$M_{THC} = Hydrocarbon\ mass\ removed\ for\ the\ period\ (tons)$

$Q = Total\ header\ flowrate\ (SCFM)$

$\varphi = Total\ hydrocarbon\ concentration\ (ppmv)$

$M_C = Molecular\ weight\ of\ total\ hydrocarbons\ \left({}^{lb}/_{lb-mole}\right)$

$h = Period\ SVE\ operating\ hours\ (hours)$

Unit conversions:

$60\ minutes\ per\ hour$

$\frac{M_c}{385.1 \times 10^6}\ converts\ (ppmv) to\ \left({}^{lb}/_{SCF}\right)$

$2000\ pounds\ per\ tons$

Header samples from **Table 11** were used to estimate molecular weights for the west fence line and public works headers.

These molecular weights from an average of the header samples in 2Q13 based on detected TO-15 analytes, 27.7 lb/lb-mole and 20.1 lb/lb-mole respectively, were used to convert header hydrocarbon volume concentrations (ppmv) to mass concentrations (lb/SCF). The conversion from volume concentration (ppmv) to mass concentrations (lb/SCF) was taken from the USEPA document *AP-42 Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources*, Fifth Edition, Appendix A (USEPA, 1995). The total hydrocarbon mass removed during each period was summed to determine the quarterly total hydrocarbon mass removed. The mass removed is summarized in the table below.

Quarterly Total Hydrocarbon Mass Removed

Quarter	West Fence Line Mass	Public Works Mass	Quarterly Mass	Total Mass
	(tons)	(tons)	(tons)	(tons)
2Q12	124	36	160	160
3Q12	96	23	119	279
4Q12	53	22	75	354
1Q13	39	12	51	405
2Q13	60	17	77	482

5.5 SVE SYSTEM MODIFICATION RECOMMENDATIONS

A key focus of the system operators is public and worker safety. Operation of the SVE system will continue with maintenance and system optimization activities. Future monitoring and sampling results from data points associated with the SVE system will be the primary driver of optimization efforts. Optimization efforts could include reduction in dilution air, valve adjustment of individual SVE wells and legs of the SVE system to direct more or less vacuum to areas.

URS conducted the 2Q13 soil vapor sampling and SVE monitoring efforts on behalf of SOPUS in the Village, Roxana Public Works Yard, and adjoining portions of the WRR. The following conclusions are based on the data collected during 1Q13:

- Soil vapor samples were collected from 43 locations and 148 ports during 2Q13. The locations of higher soil vapor concentrations generally coincide with areas of the higher observed groundwater impact.
- Benzene concentrations within the Village range from parts per billion (ppb) in the shallow samples to hundreds of parts per million (ppm) in deeper samples. The residential screening criterion was exceeded in at least one port at VMP-2, VMP-3, VMP-4, VMP-31, VMP-32, VMP-44, VMP-47, VMP-50, and VMP-53. Of these VMPs, only one shallow port (<10 ft depth) exceeded the residential screening criterion, which was VMP-47-5.
- Benzene concentrations within Roxana Public Works Yard and WRR range from ppb in the shallow samples to tens of thousands of ppm in deeper samples. The commercial/industrial screening criterion was exceeded in at least one port at VMP-13, VMP-14, and VMP-25 within Roxana Public Works Yard and VMP-12 and VMP-16 within WRR.
- VMP-3-5 and VMP-7 were replaced in 2Q13. VMP-47 was replaced during 2Q13; however, based on subsequent data, additional evaluations are in progress.
- As presented in detail above, the SVE system continues to operate efficiently and effectively.

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

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
MW-01										
4Q10	442.86	11/12/2010	NE	36.91	NA	NA	NA	405.95	399.45 - 384.45 (43.41 - 58.41)	*
1Q11	442.86	1/13/2011	NE	37.58	NA	NA	NA	405.28		*
2Q11	442.86	4/25/2011	NE	38.38	NA	NA	NA	404.48		*
3Q11	442.86	7/5/2011	NE	35.77	NA	NA	NA	407.09		*
	442.86	9/19/2011	NE	35.15	NA	NA	NA	407.71		*
4Q11	442.86	10/5/2011	NE	35.48	NA	NA	NA	407.38		*
1Q12	442.65	1/3/2012	NE	37.65	NA	NA	NA	405.00	392.67 - 382.67 (49.98 - 59.98)	* 1" Piezometer replaced with a 2" groundwater monitoring well
2Q12	442.65	4/2/2012	NE	38.85	NA	NA	NA	403.80		*
3Q12	442.65	7/2/2012	NE	39.12	NA	NA	NA	403.53		*
4Q12	442.65	10/1/2012	NE	40.92	NA	NA	NA	401.73		*
1Q13	442.65	1/3/2013	NE	41.95	NA	NA	NA	400.70		*
	442.65	3/11/2013	NE	42.59	NA	NA	NA	400.06		*
2Q13	442.65	4/1/2013	NE	42.63	NA	NA	NA	400.02		*
MW-02										
4Q10	443.93	11/12/2010	NE	38.12	NA	NA	NA	405.81	396.74 - 381.74 (47.19 - 62.19)	*
1Q11	443.93	1/13/2011	NE	38.67	NA	NA	NA	405.26		*
2Q11	443.93	4/25/2011	NE	39.61	NA	NA	NA	404.32		*
3Q11	443.93	7/5/2011	NE	37.04	NA	NA	NA	406.89		*
	443.93	9/19/2011	NE	36.36	NA	NA	NA	407.57		*
4Q11	443.93	10/5/2011	NE	36.65	NA	NA	NA	407.28		*
1Q12	443.77	1/3/2012	NE	38.88	NA	NA	NA	404.89	392.45 - 382.45 (51.32 - 61.32)	* 1" Piezometer replaced with a 2" groundwater monitoring well
2Q12	443.77	4/2/2012	NE	40.04	NA	NA	NA	403.73		*
3Q12	443.77	7/2/2012	NE	40.32	NA	NA	NA	403.45		*
4Q12	443.77	10/1/2012	NE	42.10	NA	NA	NA	401.67		*
1Q13	443.77	1/3/2013	NE	43.10	NA	NA	NA	400.67		*
2Q13	443.77	4/1/2013	NE	43.81	NA	NA	NA	399.96		*
MW-03										
4Q10	430.36	11/12/2010	NE	24.05	NA	NA	NA	406.31	399.38 - 384.38 (30.98 - 45.98)	*
1Q11	430.36	1/13/2011	NE	24.92	NA	NA	NA	405.44		*
2Q11	430.36	4/25/2011	NE	25.42	NA	NA	NA	404.94		*
3Q11	430.36	7/5/2011	NE	22.72	NA	NA	NA	407.64		*
	430.36	9/19/2011	NE	22.40	NA	NA	NA	407.96		*
4Q11	430.36	10/5/2011	NE	22.76	NA	NA	NA	407.60		*
1Q12	430.08	1/3/2012	NE	24.84	NA	NA	NA	405.24	395.41 - 385.41 (34.67 - 44.67)	* 1" Piezometer replaced with a 2" groundwater monitoring well
2Q12	430.08	4/2/2012	NE	26.04	NA	NA	NA	404.04		*
3Q12	430.08	7/2/2012	NE	26.30	NA	NA	NA	403.78		*
4Q12	430.08	10/1/2012	NE	28.13	NA	NA	NA	401.95		*
1Q13	430.08	1/3/2013	NE	29.22	NA	NA	NA	400.86		*
	430.08	3/11/2013	NE	29.88	NA	NA	NA	400.20		*
2Q13	430.08	4/1/2013	NE	29.88	NA	NA	NA	400.20		*
MW-04										
4Q10	441.58	11/12/2010	NE	35.38	NA	NA	NA	406.20	398.95 - 383.95 (42.63 - 57.63)	*
1Q11	441.58	1/13/2011	NE	36.04	NA	NA	NA	405.54		*
2Q11	441.58	4/25/2011	NE	36.74	NA	NA	NA	404.84		*
3Q11	441.58	7/5/2011	NE	34.15	NA	NA	NA	407.43		*
	441.58	9/19/2011	NE	33.65	NA	NA	NA	407.93		*
4Q11	441.58	10/5/2011	NE	33.99	NA	NA	NA	407.59		*
1Q12	441.14	1/3/2012	NE	35.97	NA	NA	NA	405.17	395.08 - 385.08 (46.06 - 56.06)	* 1" Piezometer replaced with a 2" groundwater monitoring well
2Q12	441.14	4/2/2012	NE	37.11	NA	NA	NA	404.03		*
3Q12	441.14	7/2/2012	NE	37.43	NA	NA	NA	403.71		*
4Q12	441.14	10/1/2012	NE	39.27	NA	NA	NA	401.87		*
1Q13	441.14	1/3/2013	NE	40.27	NA	NA	NA	400.87		*
2Q13	441.14	4/1/2013	NE	41.00	NA	NA	NA	400.14		*
MW-05										
4Q10	429.73	11/12/2010	NE	23.32	NA	NA	NA	406.41	398.60 - 383.60 (31.13 - 46.13)	*
1Q11	429.73	1/13/2011	NE	24.15	NA	NA	NA	405.58		*
2Q11	429.73	4/25/2011	NE	24.65	NA	NA	NA	405.08		*
3Q11	429.73	7/5/2011	NE	22.00	NA	NA	NA	407.73		*
	429.73	9/19/2011	NE	21.72	NA	NA	NA	408.01		*
4Q11	429.73	10/5/2011	NE	22.06	NA	NA	NA	407.67		*
1Q12	429.80	1/3/2012	NE	24.45	NA	NA	NA	405.35	395.83 - 385.83 (33.97 - 43.97)	* 1" Piezometer replaced with a 2" groundwater monitoring well
2Q12	429.80	4/2/2012	NE	25.65	NA	NA	NA	404.15		*
3Q12	429.80	7/2/2012	NE	25.91	NA	NA	NA	403.89		*
4Q12	429.80	10/1/2012	NE	27.80	NA	NA	NA	402.00		*
1Q13	429.80	1/3/2013	NE	28.86	NA	NA	NA	400.94		*
2Q13	429.80	4/1/2013	NE	29.53	NA	NA	NA	400.27		*

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
MW-06A										
4Q10	432.42	11/12/2010	NE	25.62	NA	NA	NA	406.80	400.44 - 385.44 (31.98 - 46.98)	*
1Q11	432.42	1/13/2011	NE	26.36	NA	NA	NA	406.06		*
2Q11	432.42	4/25/2011	NE	26.78	NA	NA	NA	405.64		*
3Q11	432.42	7/5/2011	NE	24.21	NA	NA	NA	408.21		*
	432.42	9/19/2011	NE	24.07	NA	NA	NA	408.35		*
4Q11	432.42	10/5/2011	NE	24.44	NA	NA	NA	407.98		*
1Q12	432.14	1/3/2012	NE	26.34	NA	NA	NA	405.80	397.31 - 387.31 (34.83 - 44.83)	* 1" Piezometer replaced with a 2" groundwater monitoring well
2Q12	432.14	4/2/2012	NE	27.57	NA	NA	NA	404.57		*
3Q12	432.14	7/2/2012	NE	27.88	NA	NA	NA	404.26		*
4Q12	432.14	10/1/2012	NE	28.81	NA	NA	NA	403.33		*
1Q13	432.14	1/3/2013	NE	30.80	NA	NA	NA	401.34		*
2Q13	432.14	4/1/2013	NE	31.57	NA	NA	NA	400.57		*
MW-06B										
4Q10	432.29	11/12/2010	NE	25.47	NA	NA	NA	406.82	368.24 - 363.24 (64.05 - 69.05)	*
1Q11	432.29	1/13/2011	NE	26.21	NA	NA	NA	406.08		*
2Q11	432.29	4/25/2011	NE	26.65	NA	NA	NA	405.64		*
3Q11	432.29	7/5/2011	NE	24.08	NA	NA	NA	408.21		*
4Q11	432.29	10/5/2011	NE	24.28	NA	NA	NA	408.01		*
1Q12	432.29	1/3/2012	NE	26.40	NA	NA	NA	405.89		*
2Q12	432.29	4/2/2012	NE	27.61	NA	NA	NA	404.68		*
3Q12	432.29	7/2/2012	NE	27.92	NA	NA	NA	404.37		*
4Q12	432.29	10/1/2012	NE	29.86	NA	NA	NA	402.43		*
1Q13	432.29	1/3/2013	NE	30.87	NA	NA	NA	401.42		*
2Q13	432.29	4/1/2013	NE	31.63	NA	NA	NA	400.66		*
MW-06C										
4Q10	432.11	11/12/2010	NE	25.25	NA	NA	NA	406.86	347.16 - 342.16 (84.95 - 89.95)	*
1Q11	432.11	1/13/2011	NE	25.97	NA	NA	NA	406.14		*
2Q11	432.11	4/25/2011	NE	26.73	NA	NA	NA	405.38		*
3Q11	432.11	7/5/2011	NE	23.80	NA	NA	NA	408.31		*
4Q11	432.11	10/5/2011	NE	24.03	NA	NA	NA	408.08		*
1Q12	432.11	1/3/2012	NE	26.17	NA	NA	NA	405.94		*
2Q12	432.11	4/2/2012	NE	27.40	NA	NA	NA	404.71		*
3Q12	432.11	7/2/2012	NE	27.71	NA	NA	NA	404.40		*
4Q12	432.11	10/1/2012	NE	29.70	NA	NA	NA	402.41		*
1Q13	432.11	1/3/2013	NE	30.65	NA	NA	NA	401.46		*
2Q13	432.11	4/1/2013	NE	31.40	NA	NA	NA	400.71		*
MW-06D										
4Q10	431.99	11/12/2010	NE	25.13	NA	NA	NA	406.86	327.27 - 322.27 (104.72 - 109.72)	*
1Q11	431.99	1/13/2011	NE	25.87	NA	NA	NA	406.12		*
2Q11	431.99	4/25/2011	NE	26.30	NA	NA	NA	405.69		*
3Q11	431.99	7/5/2011	NE	23.67	NA	NA	NA	408.32		*
4Q11	431.99	10/5/2011	NE	23.95	NA	NA	NA	408.04		*
1Q12	431.99	1/3/2012	NE	26.05	NA	NA	NA	405.94		*
2Q12	431.99	4/2/2012	NE	27.46	NA	NA	NA	404.53		*
3Q12	431.99	7/2/2012	NE	27.58	NA	NA	NA	404.41		*
4Q12	431.99	10/1/2012	NE	29.51	NA	NA	NA	402.48		*
1Q13	431.99	1/3/2013	NE	30.51	NA	NA	NA	401.48		*
2Q13	431.99	4/1/2013	NE	31.26	NA	NA	NA	400.73		*
MW-07										
4Q10	443.10	11/12/2010	NE	36.93	NA	NA	NA	406.17	400.18 - 390.18 (42.92 - 52.92)	*
1Q11	443.10	1/13/2011	NE	37.52	NA	NA	NA	405.58		*
2Q11	443.10	4/25/2011	NE	38.18	NA	NA	NA	404.92		*
3Q11	443.10	7/5/2011	NE	35.65	NA	NA	NA	407.45		*
	443.10	9/19/2011	NE	35.22	NA	NA	NA	407.88		*
4Q11	443.10	10/5/2011	NE	25.52	NA	NA	NA	417.58		*
1Q12	443.10	1/3/2012	NE	37.79	NA	NA	NA	405.31		*
2Q12	443.10	4/2/2012	NE	38.91	NA	NA	NA	404.19		*
3Q12	443.10	7/2/2012	NE	39.23	NA	NA	NA	403.87		*
4Q12	443.10	10/1/2012	NE	41.10	NA	NA	NA	402.00		*
1Q13	443.10	1/3/2013	NE	42.10	NA	NA	NA	401.00		*
2Q13	443.10	4/1/2013	NE	42.90	NA	NA	NA	400.20		*
MW-08										
4Q10	434.11	11/12/2010	NE	27.84	NA	NA	NA	406.27	400.51 - 390.51 (33.60 - 43.60)	*
1Q11	434.11	1/13/2011	NE	28.59	NA	NA	NA	405.52		*
2Q11	434.11	4/25/2011	NE	29.15	NA	NA	NA	404.96		*
3Q11	434.11	7/5/2011	NE	26.55	NA	NA	NA	407.56		*
4Q11	434.11	10/5/2011	NE	26.57	NA	NA	NA	407.54		*
1Q12	434.11	1/3/2012	NE	28.84	NA	NA	NA	405.27		*
2Q12	434.11	4/2/2012	NE	30.01	NA	NA	NA	404.10		*
3Q12	434.11	7/2/2012	NE	30.29	NA	NA	NA	403.82		*
4Q12	434.11	10/1/2012	NE	32.17	NA	NA	NA	401.94		*
1Q13	434.11	1/3/2013	NE	33.21	NA	NA	NA	400.90		*
2Q13	434.11	4/1/2013	NE	33.94	NA	NA	NA	400.17		

TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
MW-09										
4Q10	445.20	11/12/2010	NE	39.00	NA	NA	NA	406.20	398.75 - 388.75 (46.45 - 56.45)	*
1Q11	445.20	1/13/2011	NE	39.62	NA	NA	NA	405.58		*
2Q11	445.20	4/25/2011	NM	NM	NA	NA	NA	NA		
3Q11	445.20	7/5/2011	NE	38.06	NA	NA	NA	407.14		*
	445.20	9/19/2011	NE	37.27	NA	NA	NA	407.93		*
4Q11	445.20	10/5/2011	NE	37.56	NA	NA	NA	407.64		*
1Q12	445.20	1/3/2012	NE	39.50	NA	NA	NA	405.70		*
2Q12	445.20	4/2/2012	NE	40.77	NA	NA	NA	404.43		*
3Q12	445.20	7/2/2012	NE	40.07	NA	NA	NA	405.13		*
4Q12	445.20	10/1/2012	NE	42.75	NA	NA	NA	402.45		*
1Q13	445.20	1/2/2013	NE	43.92	NA	NA	NA	401.28		*
	445.20	3/11/2013	NE	44.70	NA	NA	NA	400.50		*
2Q13	445.20	4/1/2013	NE	44.76	NA	NA	NA	400.44		*
MW-10										
4Q10	445.03	11/12/2010	NE	38.97	NA	NA	NA	406.06	400.60 - 390.60 (44.43 - 54.43)	*
1Q11	445.03	1/13/2011	NE	39.40	NA	NA	NA	405.63		*
2Q11	445.03	4/25/2011	NE	40.26	NA	NA	NA	404.77		*
3Q11	445.03	7/5/2011	NE	38.01	NA	NA	NA	407.02		*
	445.03	9/19/2011	NE	37.24	NA	NA	NA	407.79		*
4Q11	445.03	10/5/2011	NE	37.47	NA	NA	NA	407.56		*
1Q12	445.03	1/3/2012	NE	39.39	NA	NA	NA	405.64		*
2Q12	445.03	4/2/2012	NE	40.58	NA	NA	NA	404.45		*
3Q12	445.03	7/2/2012	NE	40.92	NA	NA	NA	404.11		*
4Q12	445.03	10/1/2012	NE	42.69	NA	NA	NA	402.34		*
1Q13	445.03	1/2/2013	NE	43.81	NA	NA	NA	401.22		*
	445.03	3/11/2013	NE	44.61	NA	NA	NA	400.42		
2Q13	445.03	4/1/2013	NE	44.72	NA	NA	NA	400.31		
MW-11										
4Q10	442.33	11/12/2010	NE	36.39	NA	NA	NA	405.94	400.67 - 390.67 (41.66 - 51.66)	*
1Q11	442.33	1/13/2011	NE	37.15	NA	NA	NA	405.18		*
2Q11	442.33	4/25/2011	NE	38.00	NA	NA	NA	404.33		*
3Q11	442.33	7/5/2011	NE	35.46	NA	NA	NA	406.87		*
	442.33	9/19/2011	NE	34.68	NA	NA	NA	407.65		*
4Q11	442.33	10/5/2011	NE	34.07	NA	NA	NA	408.26		*
1Q12	442.33	1/3/2012	NE	37.21	NA	NA	NA	405.12		*
2Q12	442.33	4/2/2012	NE	38.44	NA	NA	NA	403.89		*
3Q12	442.33	7/2/2012	NE	38.68	NA	NA	NA	403.65		*
4Q12	442.33	10/1/2012	NE	40.42	NA	NA	NA	401.91		*
1Q13	442.33	1/2/2013	NE	41.49	NA	NA	NA	400.84		*
	442.33	3/11/2013	NE	42.15	NA	NA	NA	400.18		
2Q13	442.33	4/1/2013	NE	42.18	NA	NA	NA	400.15		
MW-12										
4Q10	442.60	11/12/2010	NE	36.63	NA	NA	NA	405.97	400.68 - 390.68 (41.92 - 51.92)	*
1Q11	442.60	1/13/2011	NE	37.42	NA	NA	NA	405.18		*
2Q11	442.60	4/25/2011	NE	38.20	NA	NA	NA	404.40		*
3Q11	442.60	7/5/2011	NE	35.55	NA	NA	NA	407.05		*
	442.60	9/19/2011	NE	34.88	NA	NA	NA	407.72		*
4Q11	442.60	10/5/2011	NE	35.20	NA	NA	NA	407.40		*
1Q12	442.60	1/3/2012	NE	37.57	NA	NA	NA	405.03		*
2Q12	442.60	4/2/2012	NE	38.75	NA	NA	NA	403.85		*
3Q12	442.60	7/2/2012	NE	39.01	NA	NA	NA	403.59		*
4Q12	442.60	10/1/2012	NE	40.78	NA	NA	NA	401.82		*
1Q13	442.60	1/3/2013	NE	41.86	NA	NA	NA	400.74		*
	442.60	3/11/2013	NE	42.46	NA	NA	NA	400.14		
2Q13	442.60	4/1/2013	NE	42.46	NA	NA	NA	400.14		
MW-13										
1Q11	430.27	1/13/2011	NE	24.28	NA	NA	NA	405.99	404.70 - 394.70 (25.57 - 35.57)	*
2Q11	430.27	4/25/2011	NE	24.47	NA	NA	NA	405.80		*
3Q11	430.27	7/5/2011	NE	21.67	NA	NA	NA	408.60		*
	430.27	9/19/2011	NE	21.88	NA	NA	NA	408.39		*
4Q11	430.27	10/6/2011	NE	21.20	NA	NA	NA	409.07		*
1Q12	430.27	1/3/2012	NE	24.35	NA	NA	NA	405.92		*
2Q12	430.27	4/2/2012	NE	25.48	NA	NA	NA	404.79		*
3Q12	430.27	7/3/2012	NE	25.95	NA	NA	NA	404.32		
4Q12	430.27	10/1/2012	NE	40.44	NA	NA	NA	389.83		
	430.27	10/2/2012	NE	27.99	NA	NA	NA	402.28		
1Q13	430.27	1/7/2013	NE	29.07	NA	NA	NA	401.20		
2Q13	430.27	4/2/2013	NE	29.62	NA	NA	NA	400.65		
MW-14										
1Q12	434.44	1/3/2012	NM	NM	NA	NA	NA	NA	401.02 - 391.02 (33.42 - 43.42)	
2Q12	434.44	4/2/2012	NM	NM	NA	NA	NA	NA		
3Q12	434.44	7/5/2012	NE	29.87	NA	NA	NA	404.57		*
4Q12	434.44	10/2/2012	NE	31.86	NA	NA	NA	402.58		*
1Q13	434.44	1/7/2013	NE	32.71	NA	NA	NA	401.73		*
2Q13	434.44	4/2/2013	NE	33.68	NA	NA	NA	400.76		
MW-16										
1Q13	443.39	1/23/2013	NE	43.05	NA	NA	NA	400.34	405.96 - 395.96 (37.43 - 47.43)	Installed during 4Q12
2Q13	443.39	4/1/2013	NE	43.55	NA	NA	NA	399.84		

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
MW-17										
1Q13	441.57	2/11/2013	NE	41.75	NA	NA	NA	399.82	407.02 - 392.02 (34.55 - 49.55)	Installed during 4Q12
2Q13	441.57	4/1/2013	NE	41.85	NA	NA	NA	399.72		
MW-18										
1Q13	442.04	2/11/2013	NE	42.25	NA	NA	NA	399.79	406.79 - 391.79 (35.25 - 50.25)	Installed during 4Q12
2Q13	442.04	4/1/2013	NE	42.38	NA	NA	NA	399.66		
MW-19										
1Q13	442.77	2/11/2013	NE	42.88	NA	NA	NA	399.89	406.07 - 391.07 (36.70 - 51.70)	Installed during 4Q12
2Q13	442.77	4/1/2013	NE	43.04	NA	NA	NA	399.73		
MW-20										
1Q13	443.67	2/11/2013	NE	43.66	NA	NA	NA	400.01	407.44 - 392.44 (36.23 - 51.23)	Installed during 4Q12
2Q13	443.67	4/1/2013	NE	43.89	NA	NA	NA	399.78		
MW-21										
1Q13	443.81	2/11/2013	NE	43.53	NA	NA	NA	400.28	408.51 - 393.51 (35.30 - 50.30)	Installed during 4Q12
2Q13	443.81	4/1/2013	NE	43.79	NA	NA	NA	400.02		
MW-22										
1Q13	442.16	1/23/2013	NE	41.80	NA	NA	NA	400.36	403.95 - 393.95 (38.21 - 48.21)	Installed during 4Q12
2Q13	442.16	4/1/2013	NE	42.31	NA	NA	NA	399.85		
MW-24										
2Q13	443.42	4/1/2013	NE	43.44	NA	NA	NA	399.98	404.53 - 394.53 (38.89 - 48.89)	Installed during 1Q13
P-01										
3Q10	442.56	7/1/2010	NE	29.49	NA	NA	NA	413.07	380.61 - 375.61 (61.95 - 66.95)	*
4Q10	442.56	10/1/2010	NE	27.86	NA	NA	NA	414.70		*
1Q11	442.56	1/1/2011	NE	28.52	NA	NA	NA	414.04		*
2Q11	442.56	4/1/2011	NE	27.30	NA	NA	NA	415.26		*
3Q11	442.56	7/5/2011	NE	25.51	NA	NA	NA	417.05		*
	442.56	9/19/2011	NE	27.75	NA	NA	NA	414.81		*
4Q11	442.56	10/6/2011	NE	28.15	NA	NA	NA	414.41		*
1Q12	442.56	1/3/2012	NE	28.93	NA	NA	NA	413.63		*
2Q12	442.56	4/2/2012	NE	29.38	NA	NA	NA	413.18		*
3Q12	442.56	7/2/2012	NE	30.60	NA	NA	NA	411.96		*
4Q12	442.56	10/1/2012	NE	32.35	NA	NA	NA	410.21		*
1Q13	442.56	1/3/2013	NE	33.96	NA	NA	NA	408.60		*
2Q13	442.56	4/1/2013	NE	33.68	NA	NA	NA	408.88		*
P-4U										
3Q10	442.50	7/1/2010	NE	31.00	NA	NA	NA	411.50	361.35 - 359.35 (81.15 - 83.15)	*
4Q10	442.50	10/1/2010	NE	29.68	NA	NA	NA	412.82		*
1Q11	442.50	1/1/2011	NE	29.81	NA	NA	NA	412.69		*
2Q11	442.50	4/1/2011	NE	29.10	NA	NA	NA	413.40		*
3Q11	442.50	7/5/2011	NE	27.02	NA	NA	NA	415.48		*
	442.50	9/19/2011	NE	28.71	NA	NA	NA	413.79		*
4Q11	442.50	10/6/2011	NE	29.17	NA	NA	NA	413.33		*
1Q12	442.50	1/3/2012	NE	40.32	NA	NA	NA	402.18		*
2Q12	442.50	4/2/2012	NE	30.80	NA	NA	NA	411.70		*
3Q12	442.50	7/2/2012	NE	31.70	NA	NA	NA	410.80		*
4Q12	442.50	10/1/2012	NE	33.65	NA	NA	NA	408.85		*
1Q13	442.50	1/3/2013	NE	35.10	NA	NA	NA	407.40		*
2Q13	442.50	4/1/2013	NE	35.95	NA	NA	NA	406.55		*
P-5L										
3Q10	443.79	7/1/2010	NE	30.30	NA	NA	NA	413.49	301.89 - 299.89 (141.90 - 143.90)	*
4Q10	443.79	10/1/2010	NE	29.21	NA	NA	NA	414.58		*
1Q11	443.79	1/1/2011	NE	29.55	NA	NA	NA	414.24		*
2Q11	443.79	4/1/2011	NE	28.10	NA	NA	NA	415.69		*
3Q11	443.79	7/5/2011	NE	25.87	NA	NA	NA	417.92		*
	443.79	9/19/2011	NE	28.47	NA	NA	NA	415.32		*
4Q11	443.79	10/6/2011	NE	29.16	NA	NA	NA	414.63		*
1Q12	443.79	1/3/2012	NE	30.42	NA	NA	NA	413.37		*
2Q12	443.79	4/2/2012	NE	30.56	NA	NA	NA	413.23		*
3Q12	443.79	7/2/2012	NE	31.60	NA	NA	NA	412.19		*
4Q12	443.79	10/1/2012	NE	33.60	NA	NA	NA	410.19		*
1Q13	443.79	1/3/2013	NE	35.17	NA	NA	NA	408.62		*
2Q13	443.79	4/1/2013	NE	35.84	NA	NA	NA	407.95		*
P-5U										
3Q10	444.15	7/1/2010	NE	31.95	NA	NA	NA	412.20	313.52 - 311.52 (130.63 - 132.63)	*
4Q10	444.15	10/1/2010	NE	30.82	NA	NA	NA	413.33		*
1Q11	444.15	1/1/2011	NE	30.96	NA	NA	NA	413.19		*
2Q11	444.15	4/1/2011	NE	29.91	NA	NA	NA	414.24		*
3Q11	444.15	7/5/2011	NE	27.80	NA	NA	NA	416.35		*
	444.15	9/19/2011	NE	29.84	NA	NA	NA	414.31		*
4Q11	444.15	10/6/2011	NE	30.41	NA	NA	NA	413.74		*
1Q12	444.15	1/3/2012	NE	30.42	NA	NA	NA	413.73		*
2Q12	444.15	4/2/2012	NE	31.96	NA	NA	NA	412.19		*
3Q12	444.15	7/2/2012	NE	32.80	NA	NA	NA	411.35		*
4Q12	444.15	10/1/2012	NE	35.00	NA	NA	NA	409.15		*
1Q13	444.15	1/3/2013	NE	36.41	NA	NA	NA	407.74		*
2Q13	444.15	4/1/2013	NE	37.24	NA	NA	NA	406.91		*

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
P-6L										
4Q11	443.20	10/6/2011	NE	28.92	NA	NA	NA	414.28		
1Q12	443.20	1/3/2012	NE	30.21	NA	NA	NA	412.99		
2Q12	443.20	4/2/2012	NE	30.38	NA	NA	NA	412.82		
3Q12	443.20	7/2/2012	NE	31.18	NA	NA	NA	412.02	Unknown	
4Q12	443.20	10/1/2012	NE	33.45	NA	NA	NA	409.75		
1Q13	443.20	1/3/2013	NE	35.00	NA	NA	NA	408.20		
2Q13	443.20	4/1/2013	NE	35.19	NA	NA	NA	408.01		
P-6U										
3Q10	443.35	7/1/2010	NE	31.43	NA	NA	NA	411.92		*
4Q10	443.35	10/1/2010	NE	30.33	NA	NA	NA	413.02		*
1Q11	443.35	1/1/2011	NE	30.53	NA	NA	NA	412.82		*
2Q11	443.35	4/1/2011	NE	29.57	NA	NA	NA	413.78		*
3Q11	443.35	7/5/2011	NE	27.35	NA	NA	NA	416.00		*
	443.35	9/19/2011	NE	29.26	NA	NA	NA	414.09	362.85 - 360.85	*
4Q11	443.35	10/6/2011	NE	29.78	NA	NA	NA	413.57	(80.50 - 82.50)	*
1Q12	443.35	1/3/2012	NE	30.97	NA	NA	NA	412.38		*
2Q12	443.35	4/2/2012	NE	31.42	NA	NA	NA	411.93		*
3Q12	443.35	7/2/2012	NE	32.25	NA	NA	NA	411.10		*
4Q12	443.35	10/1/2012	NE	30.40	NA	NA	NA	412.95		*
1Q13	443.35	1/3/2013	NE	35.86	NA	NA	NA	407.49		*
2Q13	443.35	4/1/2013	NE	36.88	NA	NA	NA	406.47		*
P-7L										
4Q11	443.42	10/6/2011	NE	29.57	NA	NA	NA	413.85		
1Q12	443.42	1/3/2012	NE	30.91	NA	NA	NA	412.51		
2Q12	443.42	4/2/2012	NE	31.28	NA	NA	NA	412.14		
3Q12	443.42	7/2/2012	NE	32.60	NA	NA	NA	410.82	Unknown	
4Q12	443.42	10/1/2012	NE	33.98	NA	NA	NA	409.44		
1Q13	443.42	1/3/2013	NE	35.77	NA	NA	NA	407.65		
2Q13	443.42	4/1/2013	NE	36.17	NA	NA	NA	407.25		
P-7U										
3Q10	443.80	7/1/2010	NE	31.63	NA	NA	NA	412.17		*
4Q10	443.80	10/1/2010	NE	30.65	NA	NA	NA	413.15		*
1Q11	443.80	1/1/2011	NE	30.70	NA	NA	NA	413.10		*
2Q11	443.80	4/1/2011	NE	29.66	NA	NA	NA	414.14		*
3Q11	443.80	7/5/2011	NE	27.30	NA	NA	NA	416.50		*
	443.80	9/19/2011	NE	29.51	NA	NA	NA	414.29	382.72 - 380.72	*
4Q11	443.80	10/6/2011	NE	30.02	NA	NA	NA	413.78	(61.08 - 63.08)	*
1Q12	443.80	1/3/2012	NE	31.23	NA	NA	NA	412.57		*
2Q12	443.80	4/2/2012	NE	31.63	NA	NA	NA	412.17		*
3Q12	443.80	7/2/2012	NE	31.86	NA	NA	NA	411.94		*
4Q12	443.80	10/1/2012	NE	34.55	NA	NA	NA	409.25		*
1Q13	443.80	1/3/2013	NE	36.12	NA	NA	NA	407.68		*
2Q13	443.80	4/1/2013	NE	37.12	NA	NA	NA	406.68		*
P-8L										
4Q11	443.10	10/6/2011	NE	31.01	NA	NA	NA	412.09		
1Q12	443.10	1/3/2012	NE	30.92	NA	NA	NA	412.18		
2Q12	443.10	4/2/2012	NE	31.22	NA	NA	NA	411.88		
3Q12	443.10	7/2/2012	NE	31.81	NA	NA	NA	411.29	Unknown	
4Q12	443.10	10/1/2012	NE	33.74	NA	NA	NA	409.36		
1Q13	443.10	1/3/2013	NE	35.49	NA	NA	NA	407.61		
2Q13	443.10	4/1/2013	NE	36.23	NA	NA	NA	406.87		
P-8U										
3Q10	443.70	7/1/2010	NE	32.28	NA	NA	NA	409.59		*
4Q10	443.70	10/1/2010	NE	31.14	NA	NA	NA	410.73		*
1Q11	441.87	1/1/2011	NE	30.79	NA	NA	NA	412.91		*
2Q11	441.87	4/1/2011	NE	30.50	NA	NA	NA	413.20		*
3Q11	441.87	7/5/2011	NE	28.20	NA	NA	NA	413.67		*
	441.87	9/19/2011	NE	29.46	NA	NA	NA	412.41	381.77 - 379.77	*
4Q11	441.87	10/6/2011	NE	29.86	NA	NA	NA	412.01	(60.10 - 62.10)	*
1Q12	441.87	1/3/2012	NE	30.99	NA	NA	NA	410.88		*
2Q12	441.87	4/2/2012	NE	31.73	NA	NA	NA	410.14		*
4Q12	441.87	10/1/2012	NE	34.77	NA	NA	NA	407.10		*
1Q13	441.87	1/3/2013	NE	35.97	NA	NA	NA	405.90		*
2Q13	441.87	4/1/2013	NE	37.30	NA	NA	NA	404.57		*
P-9L										
4Q11	444.41	10/6/2011	NE	33.58	NA	NA	NA	410.83		
1Q12	444.41	1/3/2012	NE	34.82	NA	NA	NA	409.59		
2Q12	444.41	4/2/2012	NE	35.95	NA	NA	NA	408.46		
3Q12	444.41	7/2/2012	NE	36.48	NA	NA	NA	407.93	Unknown	
4Q12	444.41	10/1/2012	NE	38.22	NA	NA	NA	406.19		
1Q13	444.41	1/3/2013	NE	39.98	NA	NA	NA	404.43		
2Q13	444.41	4/1/2013	NE	40.80	NA	NA	NA	403.61		

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
P-9U										
3Q10	444.91	7/1/2010	NE	38.85	NA	NA	NA	406.06	344.32 - 342.32 (100.59 - 102.59)	*
4Q10	444.91	10/1/2010	NE	38.71	NA	NA	NA	406.20		*
1Q11	444.91	1/13/2011	NE	36.87	NA	NA	NA	408.04		*
2Q11	444.91	4/1/2011	NE	35.71	NA	NA	NA	409.20		*
3Q11	444.91	7/5/2011	NE	34.92	NA	NA	NA	409.99		*
	444.91	9/19/2011	NE	34.52	NA	NA	NA	410.39		*
4Q11	444.91	10/6/2011	NE	34.56	NA	NA	NA	410.35		*
1Q12	444.91	1/3/2012	NE	34.52	NA	NA	NA	410.39		*
2Q12	444.91	4/2/2012	NE	36.34	NA	NA	NA	408.57		*
3Q12	444.91	7/2/2012	NE	36.81	NA	NA	NA	408.10		*
4Q12	444.91	10/1/2012	NE	38.59	NA	NA	NA	406.32		*
1Q13	444.91	1/3/2013	NE	40.11	NA	NA	NA	404.80		*
2Q13	444.91	4/1/2013	NE	41.20	NA	NA	NA	403.71		*
P-11L										
3Q10	442.80	7/1/2010	NE	33.22	NA	NA	NA	409.58	332.59 - 330.59 (110.21 - 112.21)	*
4Q10	442.80	10/1/2010	NE	31.80	NA	NA	NA	411.00		*
1Q11	442.80	1/1/2011	NE	31.62	NA	NA	NA	411.18		*
2Q11	442.80	4/1/2011	NE	31.28	NA	NA	NA	411.52		*
3Q11	442.80	7/5/2011	NE	29.34	NA	NA	NA	413.46		*
	442.80	9/19/2011	NE	30.37	NA	NA	NA	412.43		*
4Q11	442.80	10/6/2011	NE	30.67	NA	NA	NA	412.13		*
1Q12	442.80	1/3/2012	NE	31.77	NA	NA	NA	411.03		*
2Q12	442.80	4/2/2012	NE	32.68	NA	NA	NA	410.12		*
3Q12	442.80	7/2/2012	NE	33.52	NA	NA	NA	409.28		*
4Q12	442.80	10/1/2012	NE	35.56	NA	NA	NA	407.24		*
1Q13	442.80	1/3/2013	NE	37.20	NA	NA	NA	405.60		*
2Q13	442.80	4/1/2013	NE	37.97	NA	NA	NA	404.83		*
P-11U										
3Q10	443.09	7/1/2010	NE	33.83	NA	NA	NA	409.26	343.17 - 341.17 (99.92 - 101.92)	*
4Q10	443.09	10/1/2010	NE	32.45	NA	NA	NA	410.64		*
1Q11	443.09	1/1/2011	NE	32.21	NA	NA	NA	410.88		*
2Q11	443.09	4/1/2011	NE	31.92	NA	NA	NA	411.17		*
3Q11	443.09	7/5/2011	NE	29.95	NA	NA	NA	413.14		*
	443.09	9/19/2011	NE	31.03	NA	NA	NA	412.06		*
4Q11	443.09	10/6/2011	NE	31.12	NA	NA	NA	411.97		*
1Q12	443.09	1/3/2012	NE	32.35	NA	NA	NA	410.74		*
2Q12	443.09	4/2/2012	NE	33.34	NA	NA	NA	409.75		*
3Q12	443.09	7/2/2012	NE	34.15	NA	NA	NA	408.94		*
4Q12	443.09	10/1/2012	NE	36.19	NA	NA	NA	406.90		*
1Q13	443.09	1/3/2013	NE	37.80	NA	NA	NA	405.29		*
2Q13	443.09	4/1/2013	NE	38.62	NA	NA	NA	404.47		*
P-14										
3Q10	442.65	7/1/2010	NE	29.56	NA	NA	NA	413.09	395.32 - 385.32 (47.33 - 57.33)	*
4Q10	442.65	10/1/2010	NE	27.94	NA	NA	NA	414.71		*
1Q11	442.65	1/1/2011	NE	28.57	NA	NA	NA	414.08		*
2Q11	442.65	4/1/2011	NE	27.38	NA	NA	NA	415.27		*
3Q11	442.65	7/5/2011	NE	25.57	NA	NA	NA	417.08		*
	442.65	9/19/2011	NE	27.77	NA	NA	NA	414.88		*
4Q11	442.65	10/6/2011	NE	28.20	NA	NA	NA	414.45		*
1Q12	442.65	1/3/2012	NE	28.98	NA	NA	NA	413.67		*
2Q12	442.65	4/2/2012	NE	29.42	NA	NA	NA	413.23		*
3Q12	442.65	7/2/2012	NE	30.55	NA	NA	NA	412.10		*
4Q12	442.65	10/1/2012	NE	32.39	NA	NA	NA	410.26		*
1Q13	442.65	1/3/2013	NE	34.01	NA	NA	NA	408.64		*
2Q13	442.65	4/1/2013	NE	33.74	NA	NA	NA	408.91		*
P-15										
3Q10	443.35	7/1/2010	NE	31.68	NA	NA	NA	411.67	397.90 - 387.90 (45.45 - 55.45)	*
4Q10	443.35	10/1/2010	NE	30.43	NA	NA	NA	412.92		*
1Q11	443.35	1/1/2011	NE	30.55	NA	NA	NA	412.80		*
2Q11	443.35	4/1/2011	NE	29.80	NA	NA	NA	413.55		*
3Q11	443.35	7/5/2011	NE	27.75	NA	NA	NA	415.60		*
	443.35	9/19/2011	NE	29.45	NA	NA	NA	413.90		*
4Q11	443.35	10/6/2011	NE	29.93	NA	NA	NA	413.42		*
1Q12	443.35	1/3/2012	31.05	31.06	412.29	412.30	0.01	412.30		*
2Q12	443.35	4/2/2012	NE	31.55	NA	NA	NA	411.80		*
3Q12	443.35	7/2/2012	NE	32.40	NA	NA	NA	410.95		*
4Q12	443.35	10/1/2012	NE	34.35	NA	NA	NA	409.00		*
1Q13	443.35	1/3/2013	NE	35.81	NA	NA	NA	407.54		*
2Q13	443.35	4/1/2013	NE	36.46	NA	NA	NA	406.89		*

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
P-16										
3Q10	442.31	7/1/2010	NE	30.32	NA	NA	NA	411.99	396.57 - 386.57 (45.74 - 55.74)	*
4Q10	442.31	10/1/2010	NE	29.21	NA	NA	NA	413.10		*
1Q11	442.31	1/1/2011	NE	29.40	NA	NA	NA	412.91		*
2Q11	442.31	4/1/2011	NE	28.54	NA	NA	NA	413.77		*
3Q11	442.31	7/5/2011	NE	26.34	NA	NA	NA	415.97		*
	442.31	9/19/2011	NE	28.26	NA	NA	NA	414.05		*
4Q11	442.31	10/6/2011	NE	28.77	NA	NA	NA	413.54		*
1Q12	442.31	1/3/2012	NE	30.00	NA	NA	NA	412.31		*
2Q12	442.31	NA	NM	NM	NA	NA	NA	NA		
3Q12	442.31	7/6/2012	NE	31.16	NA	NA	NA	411.15		*
4Q12	442.31	10/4/2012	NE	33.35	NA	NA	NA	408.96		*
1Q13	442.31	1/3/2013	NE	34.80	NA	NA	NA	407.51		*
2Q13	442.31	4/1/2013	NE	35.55	NA	NA	NA	406.76		*
P-43										
3Q10	444.07	7/1/2010	NE	34.68	NA	NA	NA	409.39	380.51 - 370.51 (63.56 - 73.56)	*
4Q10	444.07	10/1/2010	NE	33.29	NA	NA	NA	410.78		*
1Q11	444.07	1/1/2011	NE	33.09	NA	NA	NA	410.98		*
2Q11	444.07	4/1/2011	NE	32.75	NA	NA	NA	411.32		*
3Q11	444.07	7/5/2011	NE	30.78	NA	NA	NA	413.29		*
	444.07	9/19/2011	NE	31.87	NA	NA	NA	412.20		*
4Q11	444.07	10/6/2011	NE	32.18	NA	NA	NA	411.89		*
1Q12	444.07	1/3/2012	NE	33.24	NA	NA	NA	410.83		*
2Q12	444.07	4/2/2012	NE	34.17	NA	NA	NA	409.90		*
3Q12	444.07	7/2/2012	NE	34.95	NA	NA	NA	409.12		*
4Q12	444.07	10/1/2012	NE	36.80	NA	NA	NA	407.27		*
1Q13	444.07	1/3/2013	NE	38.21	NA	NA	NA	405.86		*
2Q13	444.07	4/1/2013	NE	39.10	NA	NA	NA	404.97		*
P-53										
3Q10	446.23	7/1/2010	NE	40.83	NA	NA	NA	405.40	407.73 - 382.73 (38.50 - 63.50)	
4Q10	446.23	10/1/2010	NE	39.33	NA	NA	NA	406.90		
1Q11	446.23	1/13/2011	NE	39.46	NA	NA	NA	406.77		
2Q11	446.23	4/1/2011	NE	39.99	NA	NA	NA	406.24		
3Q11	446.23	7/5/2011	NE	38.28	NA	NA	NA	407.95		*
	446.23	9/19/2011	NE	37.39	NA	NA	NA	408.84		*
4Q11	446.23	10/5/2011	NE	37.58	NA	NA	NA	408.65		*
1Q12	446.23	1/3/2012	NE	38.73	NA	NA	NA	407.50		
2Q12	446.23	4/2/2012	NM	NM	NA	NA	NA	NA		
3Q12	446.23	7/2/2012	NE	40.46	NA	NA	NA	405.77		
4Q12	446.23	10/1/2012	NE	41.88	NA	NA	NA	404.35		
1Q13	446.23	1/2/2013	NE	43.06	NA	NA	NA	403.17		
2Q13	446.23	4/1/2013	NE	44.29	NA	NA	NA	401.94		
P-54										
3Q10	442.18	7/1/2010	NE	37.33	NA	NA	NA	404.85	404.18 - 379.18 (38.00 - 63.00)	*
4Q10	442.18	11/12/2010	NE	36.43	NA	NA	NA	405.75		*
1Q11	442.18	1/13/2011	NE	37.24	NA	NA	NA	404.94		*
2Q11	442.18	4/25/2011	NE	38.00	NA	NA	NA	404.18		
3Q11	442.18	7/5/2011	NE	35.38	NA	NA	NA	406.80		*
	442.18	9/19/2011	NE	34.78	NA	NA	NA	407.40		*
4Q11	442.18	10/5/2011	NE	35.01	NA	NA	NA	407.17		*
1Q12	442.18	1/3/2012	NE	37.17	NA	NA	NA	405.01		*
2Q12	442.18	4/2/2012	NE	38.48	NA	NA	NA	403.70		
3Q12	442.18	7/2/2012	NE	38.73	NA	NA	NA	403.45		
4Q12	442.18	10/1/2012	NE	40.44	NA	NA	NA	401.74		
1Q13	442.18	1/3/2013	NE	41.62	NA	NA	NA	400.56		
2Q13	442.18	4/1/2013	NE	42.26	NA	NA	NA	399.92		
P-55										
3Q10	445.95	7/1/2010	NE	41.81	NA	NA	NA	404.14	406.13 - 381.13 (39.82 - 64.82)	
4Q10	445.95	11/12/2010	NE	40.50	NA	NA	NA	405.45		
1Q11	445.95	1/13/2011	NE	40.56	NA	NA	NA	405.39		
2Q11	445.95	4/25/2011	41.52	41.54	404.41	404.43	0.02	404.43		
3Q11	445.95	7/5/2011	39.41	39.42	406.53	406.54	0.01	406.54		*
	445.95	9/19/2011	NE	38.57	NA	NA	NA	407.38		*
4Q11	445.95	10/6/2011	NE	38.61	NA	NA	NA	407.34		*
1Q12	445.95	1/4/2012	NE	40.71	NA	NA	NA	405.24		
2Q12	445.95	4/2/2012	NE	42.04	NA	NA	NA	403.91		
3Q12	445.95	7/2/2012	NE	42.33	NA	NA	NA	403.62		
4Q12	445.95	10/1/2012	NE	44.17	NA	NA	NA	401.78		
1Q13	445.95	1/8/2013	NE	45.24	NA	NA	NA	400.71		Replaced P-55 during 4Q12
2Q13	443.78	4/2/2013	NE	43.87	NA	NA	NA	399.91	402.93 - 392.93 (40.85 - 50.85)	

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
P-56										
3Q10	446.02	7/1/2010	NE	41.99	NA	NA	NA	404.03	405.20 - 380.20 (40.82 - 65.82)	
4Q10	446.02	11/11/2010	NE	40.94	NA	NA	NA	405.08		
1Q11	446.02	1/13/2011	NE	41.03	NA	NA	NA	404.99		
2Q11	446.02	4/25/2011	NE	42.16	NA	NA	NA	403.86		
3Q11	446.02	7/5/2011	NE	39.63	NA	NA	NA	406.39		*
	446.02	9/19/2011	NE	38.88	NA	NA	NA	407.14		*
4Q11	446.02	10/6/2011	NE	39.10	NA	NA	NA	406.92		*
1Q12	446.02	1/4/2012	NE	41.51	NA	NA	NA	404.51		
2Q12	446.02	4/3/2012	NE	42.88	NA	NA	NA	403.14		
3Q12	446.02	7/5/2012	NE	43.01	NA	NA	NA	403.01		
4Q12	446.02	10/2/2012	NE	44.76	NA	NA	NA	401.26		
1Q13	446.02	1/4/2013	NE	45.65	NA	NA	NA	400.37		
2Q13	446.02	4/2/2013	NE	46.40	NA	NA	NA	399.62		
P-57										
3Q10	446.53	7/1/2010	NE	41.60	NA	NA	NA	404.93	406.07 - 381.07 (40.46 - 65.46)	
4Q10	446.53	11/12/2010	NE	40.64	NA	NA	NA	405.89		
1Q11	446.53	1/13/2011	NE	41.04	NA	NA	NA	405.49		
2Q11	446.53	4/25/2011	NE	41.88	NA	NA	NA	404.65		
3Q11	446.53	7/5/2011	NE	39.48	NA	NA	NA	407.05		*
	446.53	9/19/2011	NE	39.92	NA	NA	NA	406.61		*
4Q11	446.53	10/6/2011	NE	39.20	NA	NA	NA	407.33		*
1Q12	446.53	2/13/2012	NE	42.13	NA	NA	NA	404.40		
2Q12	446.53	4/4/2012	NE	42.61	NA	NA	NA	403.92		
3Q12	446.53	7/5/2012	NE	43.00	NA	NA	NA	403.53		
4Q12	446.53	10/1/2012	NE	44.78	NA	NA	NA	401.75		
1Q13	446.53	1/4/2013	NE	45.82	NA	NA	NA	400.71		
2Q13	446.53	4/2/2013	NE	46.63	NA	NA	NA	399.90		
P-58										
3Q10	444.92	7/1/2010	39.42	39.46	405.46	405.50	0.04	405.49	404.70 - 379.70 (40.21 - 65.21)	*
4Q10	444.92	11/12/2010	NE	38.51	NA	NA	NA	406.41		*
1Q11	444.92	1/13/2011	NE	39.10	NA	NA	NA	405.82		*
2Q11	444.92	4/25/2011	NE	39.78	NA	NA	NA	405.14		*
3Q11	444.92	7/5/2011	NE	37.42	NA	NA	NA	407.50		*
	444.92	9/19/2011	NE	37.02	NA	NA	NA	407.90		*
4Q11	444.92	10/6/2011	NE	37.31	NA	NA	NA	407.61		*
1Q12	444.92	1/4/2012	NE	39.41	NA	NA	NA	405.51		*
2Q12	444.92	4/3/2012	NE	40.81	NA	NA	NA	404.11		
3Q12	444.92	7/5/2012	NE	41.04	NA	NA	NA	403.88		
4Q12	444.92	10/2/2012	NE	42.90	NA	NA	NA	402.02		
1Q13	444.92	1/4/2013	NE	43.80	NA	NA	NA	401.12		
2Q13	444.92	4/2/2013	NE	44.75	NA	NA	NA	400.17		
P-59										
3Q10	446.78	7/1/2010	43.21	43.23	403.55	403.57	0.02	403.57	398.87 - 373.87 (47.91 - 72.91)	*
4Q10	446.78	11/12/2010	NE	42.13	NA	NA	NA	404.65		*
1Q11	446.78	1/13/2011	NE	42.16	NA	NA	NA	404.62		*
2Q11	446.78	4/25/2011	43.25	43.26	403.52	403.53	0.01	403.53		*
3Q11	446.78	7/5/2011	NE	41.44	NA	NA	NA	405.34		*
	446.78	9/19/2011	NE	40.56	NA	NA	NA	406.22		*
4Q11	446.78	10/6/2011	NE	40.77	NA	NA	NA	406.01		*
1Q12	446.78	1/4/2012	NE	42.61	NA	NA	NA	404.17		*
2Q12	446.78	4/4/2012	NE	43.82	NA	NA	NA	402.96		*
3Q12	446.78	7/5/2012	NE	44.00	NA	NA	NA	402.78		*
4Q12	446.78	10/2/2012	NE	45.83	NA	NA	NA	400.95		*
1Q13	446.78	1/4/2013	NE	46.54	NA	NA	NA	400.24		*
2Q13	446.78	4/2/2013	NE	47.20	NA	NA	NA	399.58		*
P-60										
3Q10	446.57	7/1/2010	42.61	43.18	403.39	403.96	0.57	403.85	403.12 - 383.12 (43.45 - 63.45)	*
4Q10	446.57	11/11/2010	41.40	41.44	405.13	405.17	0.04	405.16		*
1Q11	446.57	1/14/2011	41.68	41.72	404.85	404.89	0.04	404.88		*
2Q11	446.57	4/25/2011	42.72	43.18	403.39	403.85	0.46	403.76		*
3Q11	446.57	7/5/2011	40.41	40.77	405.80	406.16	0.36	406.09		*
	446.57	9/19/2011	39.54	39.89	406.68	407.03	0.35	406.96		*
4Q11	446.57	10/6/2011	39.72	40.06	406.51	406.85	0.34	406.79		*
1Q12	446.57	1/4/2012	NE	41.98	NA	NA	NA	404.59		*
2Q12	446.57	4/3/2012	43.46	43.48	403.09	403.11	0.02	403.11		
3Q12	446.57	7/5/2012	43.51	43.55	403.02	403.06	0.04	403.05		
4Q12	446.57	10/2/2012	45.33	45.44	401.13	401.24	0.11	401.22		
1Q13	446.57	1/4/2013	NE	46.19	NA	NA	NA	400.38		
2Q13	446.57	4/2/2013	46.96	47.04	399.53	399.61	0.08	399.60		

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
P-60-11										
4Q10	443.39	11/11/2010	NE	40.91	NA	NA	NA	402.48	393.08 - 378.08 (50.31 - 65.31)	*
1Q11	443.39	1/14/2011	NE	41.14	NA	NA	NA	402.25		*
2Q11	443.39	4/25/2011	NE	42.22	NA	NA	NA	401.17		*
3Q11	446.18	7/5/2011	NE	39.97	NA	NA	NA	406.21	413.03 - 383.03 (33.15 - 63.15)	
	446.18	9/19/2011	NE	39.07	NA	NA	NA	407.11		
4Q11	446.18	10/6/2011	NE	39.25	NA	NA	NA	406.93		
1Q12	446.18	1/4/2012	NE	41.22	NA	NA	NA	404.96		
2Q12	446.18	4/3/2012	NE	42.65	NA	NA	NA	403.53		
3Q12	446.18	7/5/2012	NE	42.64	NA	NA	NA	403.54		
4Q12	446.18	10/2/2012	44.32	44.41	401.77	401.86	0.09	401.84		
1Q13	446.18	1/4/2013	NE	45.06	NA	NA	NA	401.12		
2Q13	446.18	4/2/2013	NE	45.72	NA	NA	NA	400.46		
P-60-12										
4Q10	443.31	11/11/2010	NE	38.19	NA	NA	NA	405.12	383.31 - 373.31 (60.00 - 70.00)	*
1Q11	443.31	1/14/2011	NE	38.51	NA	NA	NA	404.80		*
2Q11	443.31	4/25/2011	NE	39.63	NA	NA	NA	403.68		*
3Q11	443.31	7/5/2011	NE	37.27	NA	NA	NA	406.04		*
	443.31	9/19/2011	NE	36.41	NA	NA	NA	406.90		*
4Q11	443.31	10/6/2011	NE	36.53	NA	NA	NA	406.78		*
1Q12	443.31	1/4/2012	NE	38.76	NA	NA	NA	404.55		*
2Q12	443.31	4/3/2012	NE	40.25	NA	NA	NA	403.06		*
3Q12	443.31	7/5/2012	NE	40.23	NA	NA	NA	403.08		*
4Q12	443.31	10/2/2012	NE	44.15	NA	NA	NA	399.16		*
1Q13	443.31	1/4/2013	NE	42.97	NA	NA	NA	400.34		*
2Q13	443.31	4/2/2013	NE	43.77	NA	NA	NA	399.54		*
P-60-12S										
4Q10	443.33	11/11/2010	NE	23.36	NA	NA	NA	419.97	429.49 - 419.49 (13.84 - 23.84)	
1Q11	443.33	1/14/2011	NE	NE	NA	NA	NA	NA		
2Q11	443.33	4/25/2011	NE	21.84	NA	NA	NA	421.49		
3Q11	443.33	7/5/2011	21.10	21.11	422.22	422.23	0.01	422.23		
4Q11	443.33	10/6/2011	NE	23.36	NA	NA	NA	419.97		
1Q12	443.33	1/4/2012	NE	22.81	NA	NA	NA	420.52		
2Q12	443.33	4/3/2012	NE	20.21	NA	NA	NA	423.12		
3Q12	443.33	7/5/2012	NE	19.48	NA	NA	NA	423.85		
4Q12	443.33	10/2/2012	NE	19.04	NA	NA	NA	424.29		
1Q13	443.33	1/4/2013	NE	19.35	NA	NA	NA	423.98		
2Q13	443.33	4/2/2013	NM	NM	NA	NA	NA	NA		
P-60-13										
4Q10	442.43	11/11/2010	37.50	37.87	404.56	404.93	0.37	404.86	402.43 - 382.43 (40.00 - 60.00)	*
1Q11	442.43	1/14/2011	37.73	37.74	404.69	404.70	0.01	404.70		*
2Q11	442.43	4/25/2011	38.80	39.10	403.33	403.63	0.30	403.57		*
3Q11	442.43	7/5/2011	36.85	36.99	405.44	405.58	0.14	405.55		*
	442.43	9/19/2011	NE	35.72	NA	NA	NA	406.71		*
4Q11	442.43	10/6/2011	NE	35.86	NA	NA	NA	406.57		*
1Q12	442.43	1/4/2012	NE	37.82	NA	NA	NA	404.61		*
2Q12	442.43	4/3/2012	NE	39.21	NA	NA	NA	403.22		*
3Q12	442.43	7/5/2012	NE	39.37	NA	NA	NA	403.06		*
4Q12	442.43	10/2/2012	NE	40.61	NA	NA	NA	401.82		
1Q13	442.43	1/4/2013	NE	41.55	NA	NA	NA	400.88		
2Q13	442.43	4/2/2013	NM	NM	NA	NA	NA	NA		
P-60-13S										
4Q10	442.39	11/11/2010	NE	13.36	NA	NA	NA	429.03	432.39 - 422.39 (10.00 - 20.00)	
1Q11	442.39	1/14/2011	NE	NE	NA	NA	NA	NA		
2Q11	442.39	4/25/2011	NE	17.45	NA	NA	NA	424.94		
3Q11	442.39	7/5/2011	NE	17.08	NA	NA	NA	425.31		
4Q11	442.39	10/6/2011	NE	18.44	NA	NA	NA	423.95		
1Q12	442.39	1/4/2012	NE	17.66	NA	NA	NA	424.73		
2Q12	442.39	4/3/2012	NE	17.58	NA	NA	NA	424.81		
3Q12	442.39	7/5/2012	NE	17.87	NA	NA	NA	424.52		
4Q12	442.39	10/2/2012	NE	17.97	NA	NA	NA	424.42		
1Q13	442.39	1/4/2013	NE	NE	NA	NA	NA	NA		Well Dry.
2Q13	442.39	4/2/2013	NM	NM	NA	NA	NA	NA		
P-60-S										
3Q11	446.98	7/5/2011	NE	40.81	NA	NA	NA	406.17	410.50 - 395.50 (36.48 - 51.48)	
	446.98	9/19/2011	39.40	39.61	407.37	407.58	0.21	407.54		
4Q11	446.98	NA	NM	NM	NA	NA	NA	NA		
1Q12	446.98	1/4/2012	41.39	41.90	405.08	405.59	0.51	405.49		
2Q12	446.98	4/3/2012	42.85	43.28	403.70	404.13	0.43	404.04		
3Q12	446.98	7/5/2012	43.12	43.26	403.72	403.86	0.14	403.83		
4Q12	446.98	10/4/2012	43.94	45.84	401.14	403.04	1.90	402.66		
1Q13	446.98	1/4/2013	45.34	45.95	401.03	401.64	0.61	401.52		
2Q13	446.98	4/2/2013	46.33	46.39	400.59	400.65	0.06	400.64		

TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
P-61										
3Q10	444.27	7/1/2010	41.04	41.18	403.09	403.23	0.14	403.20	398.59 - 373.59 (45.68 - 70.68)	*
4Q10	444.27	11/11/2010	39.91	40.03	404.24	404.36	0.12	404.33		*
1Q11	444.27	1/13/2011	38.81	38.94	405.33	405.46	0.13	405.43		*
2Q11	444.27	4/25/2011	NE	40.93	NA	NA	NA	403.34		*
3Q11	444.27	7/5/2011	37.58	37.59	406.68	406.69	0.01	406.69		*
	444.27	9/19/2011	NE	37.36	NA	NA	NA	406.91		*
4Q11	444.27	10/6/2011	NE	37.63	NA	NA	NA	406.64		*
1Q12	444.27	1/3/2012	NE	40.34	NA	NA	NA	403.93		*
2Q12	444.27	4/3/2012	NE	41.50	NA	NA	NA	402.77		*
3Q12	444.27	7/3/2012	NE	41.53	NA	NA	NA	402.74		*
4Q12	444.27	10/2/2012	NE	43.36	NA	NA	NA	400.91		*
1Q13	444.27	1/4/2013	43.82	45.95	398.32	400.45	2.13	400.02		*
2Q13	444.27	4/2/2013	44.78	46.64	397.63	399.49	1.86	399.12		*
P-62										
3Q10	442.32	7/1/2010	38.51	39.96	402.36	403.81	1.45	403.52	400.85 - 375.85 (41.47 - 66.47)	*
4Q10	442.32	11/11/2010	37.14	38.57	403.75	405.18	1.43	404.90		*
1Q11	442.32	1/13/2011	36.39	37.81	404.51	405.93	1.42	405.65		*
2Q11	442.32	4/25/2011	NE	38.18	NA	NA	NA	404.14		*
3Q11	442.32	7/5/2011	35.62	35.63	406.69	406.70	0.01	406.70		*
	442.32	9/19/2011	35.39	35.41	406.91	406.93	0.02	406.93		*
4Q11	442.32	10/6/2011	NE	35.64	NA	NA	NA	406.68		*
1Q12	442.32	1/3/2012	37.68	37.71	404.61	404.64	0.03	404.64		*
2Q12	442.32	4/3/2012	NE	30.94	NA	NA	NA	411.38		*
3Q12	442.32	7/3/2012	39.13	39.15	403.17	403.19	0.02	403.19		*
4Q12	442.32	10/1/2012	40.61	42.35	399.97	401.71	1.74	401.37		*
1Q13	442.32	1/8/2013	NE	30.39	NA	NA	NA	411.93		*
2Q13	442.32	4/2/2013	42.81	44.32	398.00	399.51	1.51	399.21		
P-63										
3Q10	445.75	7/1/2010	42.32	42.52	403.23	403.43	0.20	403.39	398.46 - 373.46 (47.29 - 72.29)	*
4Q10	445.75	10/1/2010	40.58	40.79	404.96	405.17	0.21	405.13		*
1Q11	445.75	1/13/2011	39.48	39.68	406.07	406.27	0.20	406.23		*
2Q11	445.75	4/1/2011	NE	41.11	NA	NA	NA	404.64		*
3Q11	445.75	7/5/2011	NE	38.56	NA	NA	NA	407.19		*
	445.75	9/19/2011	NE	39.12	NA	NA	NA	406.63		*
4Q11	445.75	10/6/2011	NE	39.20	NA	NA	NA	406.55		*
1Q12	445.75	1/3/2012	NE	40.65	NA	NA	NA	405.10		*
2Q12	445.75	4/3/2012	NE	42.09	NA	NA	NA	403.66		*
3Q12	445.75	7/3/2012	NE	42.94	NA	NA	NA	402.81		*
4Q12	445.75	10/1/2012	NE	44.55	NA	NA	NA	401.20		*
1Q13	445.75	1/4/2013	NE	46.03	NA	NA	NA	399.72		*
2Q13	445.75	4/1/2013	NE	46.98	NA	NA	NA	398.77		*
P-64										
3Q10	446.52	7/1/2010	43.46	43.61	402.91	403.06	0.15	403.03	399.29 - 374.29 (47.23 - 72.23)	*
4Q10	446.52	10/1/2010	41.45	41.56	404.96	405.07	0.11	405.05		*
1Q11	446.52	1/13/2011	40.14	40.46	406.06	406.38	0.32	406.32		*
2Q11	446.52	4/1/2011	41.77	41.86	404.66	404.75	0.09	404.73		*
3Q11	446.52	7/5/2011	39.25	39.42	407.10	407.27	0.17	407.24		*
	446.52	9/19/2011	40.10	41.10	405.42	406.42	1.00	406.22		*
4Q11	446.52	10/6/2011	40.35	40.53	405.99	406.17	0.18	406.13		*
1Q12	446.52	1/3/2012	41.68	41.75	404.77	404.84	0.07	404.83		*
2Q12	446.52	4/3/2012	43.18	43.19	403.33	403.34	0.01	403.34		*
3Q12	446.52	7/3/2012	44.40	44.41	402.11	402.12	0.01	402.12		*
4Q12	446.52	10/1/2012	45.62	45.68	400.84	400.90	0.06	400.89		*
1Q13	446.52	1/4/2013	NE	47.84	NA	NA	NA	398.68		
2Q13	446.52	4/1/2013	NE	48.23	NA	NA	NA	398.29		
P-65										
3Q10	444.53	7/1/2010	44.34	44.35	400.18	400.19	0.01	400.19	396.91 - 371.91 (47.62 - 72.62)	*
4Q10	444.53	10/1/2010	38.61	38.63	405.90	405.92	0.02	405.92		*
1Q11	444.53	1/13/2011	37.73	37.74	406.79	406.80	0.01	406.80		*
2Q11	444.53	4/1/2011	NE	39.20	NA	NA	NA	405.33		*
3Q11	444.53	7/5/2011	NE	36.87	NA	NA	NA	407.66		*
	444.53	9/19/2011	NE	37.54	NA	NA	NA	406.99		*
4Q11	444.53	10/6/2011	NE	37.67	NA	NA	NA	406.86		*
1Q12	444.53	1/3/2012	NE	39.15	NA	NA	NA	405.38		*
2Q12	444.53	4/3/2012	NE	40.76	NA	NA	NA	403.77		*
3Q12	444.53	7/3/2012	NE	41.76	NA	NA	NA	402.77		*
4Q12	444.53	10/1/2012	NE	43.00	NA	NA	NA	401.53		*
1Q13	444.53	1/4/2013	NE	44.61	NA	NA	NA	399.92		*
2Q13	444.53	4/1/2013	NM	NM	NA	NA	NA	NA		

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
P-66										
3Q10	436.70	7/1/2010	30.81	30.83	405.87	405.89	0.02	405.89	401.98 - 376.98 (34.72 - 59.72)	*
4Q10	436.70	11/12/2010	NE	30.02	NA	NA	NA	406.68		*
1Q11	436.70	1/13/2011	NE	30.70	NA	NA	NA	406.00		*
2Q11	436.70	4/25/2011	NE	31.26	NA	NA	NA	405.44		*
3Q11	436.70	7/5/2011	NE	28.87	NA	NA	NA	407.83		*
	436.70	9/19/2011	NE	28.64	NA	NA	NA	408.06		*
4Q11	436.70	10/5/2011	NE	28.92	NA	NA	NA	407.78		*
1Q12	436.70	1/3/2012	NM	NM	NA	NA	NA	NA		
2Q12	436.70	4/2/2012	NM	NM	NA	NA	NA	NA		
3Q12	436.70	7/5/2012	32.60	32.61	404.09	404.10	0.01	404.10		*
4Q12	436.70	10/2/2012	NE	34.55	NA	NA	NA	402.15		*
1Q13	436.70	1/2/2013	NE	35.40	NA	NA	NA	401.30		
2Q13	436.70	4/2/2013	NE	36.41	NA	NA	NA	400.29		
P-67										
3Q10	444.13	7/1/2010	37.27	37.46	406.67	406.86	0.19	406.82	402.16 - 377.16 (41.98 - 66.98)	*
4Q10	444.13	10/1/2010	36.27	36.31	407.82	407.86	0.04	407.85		*
1Q11	444.13	1/13/2011	36.75	36.78	407.35	407.38	0.03	407.37		*
2Q11	444.13	4/1/2011	NE	37.24	NA	NA	NA	406.89		*
3Q11	444.13	7/5/2011	NE	35.17	NA	NA	NA	408.96		*
	444.13	9/19/2011	NE	35.16	NA	NA	NA	408.97		*
4Q11	444.13	10/5/2011	NE	35.38	NA	NA	NA	408.75		*
1Q12	444.13	1/4/2012	NE	37.08	NA	NA	NA	407.05		*
2Q12	444.13	4/3/2012	NE	38.50	NA	NA	NA	405.63		*
3Q12	444.13	7/2/2012	NE	38.90	NA	NA	NA	405.23		*
4Q12	444.13	10/2/2012	NE	40.81	NA	NA	NA	403.32		*
1Q13	444.13	1/2/2013	NE	41.69	NA	NA	NA	402.44		*
2Q13	444.13	4/2/2013	42.79	42.80	401.33	401.34	0.01	401.34		
P-68										
3Q10	445.07	7/1/2010	40.50	44.65	400.42	404.57	4.15	403.74	399.81 - 374.81 (45.26 - 70.26)	*
4Q10	445.07	11/12/2010	39.32	43.42	401.65	405.75	4.10	404.93		*
1Q11	445.07	1/13/2011	39.15	43.18	401.89	405.92	4.03	405.12		*
2Q11	445.07	4/25/2011	41.42	41.51	403.56	403.65	0.09	403.63		*
3Q11	445.07	7/5/2011	39.06	39.13	405.94	406.01	0.07	406.00		*
	445.07	9/19/2011	39.01	39.03	406.04	406.06	0.02	406.06		*
4Q11	445.07	10/6/2011	38.53	38.58	406.49	406.54	0.05	406.53		*
1Q12	445.07	1/4/2012	40.53	40.61	404.46	404.54	0.08	404.52		*
2Q12	445.07	4/3/2012	NE	42.08	NA	NA	NA	402.99		*
3Q12	445.07	7/5/2012	42.08	42.12	402.95	402.99	0.04	402.98		*
4Q12	445.07	10/2/2012	43.85	44.04	401.03	401.22	0.19	401.18		*
1Q13	445.07	1/4/2013	NM	NM	NA	NA	NA	NA		
2Q13	445.07	4/2/2013	45.40	45.54	399.53	399.67	0.14	399.64		
P-69										
3Q10	443.18	7/1/2010	NE	40.14	NA	NA	NA	403.04	402.36 - 377.36 (40.82 - 65.82)	*
4Q10	443.18	11/11/2010	38.99	39.02	404.16	404.19	0.03	404.19		*
1Q11	443.18	1/13/2011	38.62	38.63	404.55	404.56	0.01	404.56		*
2Q11	443.18	4/25/2011	NE	39.98	NA	NA	NA	403.20		*
3Q11	443.18	7/5/2011	NE	37.41	NA	NA	NA	405.77		*
	443.18	9/19/2011	NE	36.62	NA	NA	NA	406.56		*
4Q11	443.18	10/6/2011	NE	36.77	NA	NA	NA	406.41		*
1Q12	443.18	1/4/2012	NE	39.18	NA	NA	NA	404.00		*
2Q12	443.18	4/3/2012	NE	40.59	NA	NA	NA	402.59		*
3Q12	443.18	7/5/2012	NE	40.61	NA	NA	NA	402.57		*
4Q12	443.18	10/2/2012	NE	42.46	NA	NA	NA	400.72		
1Q13	443.18	1/4/2013	NE	43.85	NA	NA	NA	399.33		
2Q13	443.18	4/2/2013	NE	43.94	NA	NA	NA	399.24		
P-70										
3Q10	442.83	7/1/2010	39.42	39.86	402.97	403.41	0.44	403.32	398.16 - 373.16 (44.67 - 69.67)	*
4Q10	442.83	11/11/2010	38.20	38.69	404.14	404.63	0.49	404.53		*
1Q11	442.83	1/13/2011	37.48	37.90	404.93	405.35	0.42	405.27		*
2Q11	442.83	4/25/2011	39.20	39.22	403.61	403.63	0.02	403.62		*
3Q11	442.83	7/5/2011	36.42	36.43	406.40	406.41	0.01	406.41		*
	442.83	9/19/2011	NE	35.98	NA	NA	NA	406.85		*
4Q11	442.83	10/6/2011	NE	36.25	NA	NA	NA	406.58		*
1Q12	442.83	1/3/2012	NE	38.62	NA	NA	NA	404.21		*
2Q12	442.83	4/3/2012	NE	39.80	NA	NA	NA	403.03		*
3Q12	442.83	7/3/2012	NE	39.83	NA	NA	NA	403.00		*
4Q12	442.83	10/1/2012	NE	41.67	NA	NA	NA	401.16		*
1Q13	442.83	1/4/2013	NE	42.72	NA	NA	NA	400.11		*
2Q13	442.83	4/2/2013	NE	43.59	NA	NA	NA	399.24		*

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
P-71										
3Q10	444.83	7/1/2010	NE	40.20	NA	NA	NA	404.63	402.22 - 377.22 (42.61 - 67.61)	*
4Q10	444.83	11/11/2010	NE	38.92	NA	NA	NA	405.91		*
1Q11	444.83	1/13/2011	NE	38.32	NA	NA	NA	406.51		*
2Q11	444.83	4/25/2011	NE	39.52	NA	NA	NA	405.31		*
3Q11	444.83	7/5/2011	NE	37.91	NA	NA	NA	406.92		*
	444.83	9/19/2011	NE	37.71	NA	NA	NA	407.12		*
4Q11	444.83	10/6/2011	NE	47.31	NA	NA	NA	397.52		
1Q12	444.83	1/3/2012	NE	38.91	NA	NA	NA	405.92		*
2Q12	444.83	4/3/2012	NE	40.34	NA	NA	NA	404.49		*
3Q12	444.83	7/3/2012	NE	40.90	NA	NA	NA	403.93		*
4Q12	444.83	10/2/2012	42.69	42.75	402.08	402.14	0.06	402.13		
1Q13	444.83	1/4/2013	NE	43.83	NA	NA	NA	401.00		
2Q13	444.83	4/2/2013	NE	44.54	NA	NA	NA	400.29		
P-72										
3Q10	444.43	7/1/2010	NM	NM	NA	NA	NA	NA	398.66 - 373.66 (45.77 - 70.77)	
4Q10	444.43	11/11/2010	38.01	38.06	406.37	406.42	0.05	406.41		*
1Q11	444.43	1/13/2011	37.65	37.66	406.77	406.78	0.01	406.78		*
2Q11	444.43	4/25/2011	38.78	38.80	405.63	405.65	0.02	405.65		*
3Q11	444.43	7/5/2011	37.02	37.03	407.40	407.41	0.01	407.41		*
	444.43	9/19/2011	NE	36.60	NA	NA	NA	407.83		*
4Q11	444.43	10/6/2011	NE	36.82	NA	NA	NA	407.61		*
1Q12	444.43	1/3/2012	NE	38.43	NA	NA	NA	406.00		*
2Q12	444.43	4/3/2012	NE	39.58	NA	NA	NA	404.85		*
3Q12	444.43	7/3/2012	NE	40.30	NA	NA	NA	404.13		*
4Q12	444.43	10/1/2012	NE	41.88	NA	NA	NA	402.55		*
1Q13	444.43	1/4/2013	NE	43.27	NA	NA	NA	401.16		*
2Q13	444.43	4/1/2013	NE	44.23	NA	NA	NA	400.20		*
P-73										
3Q10	443.76	7/1/2010	40.24	41.26	402.50	403.52	1.02	403.32	402.17 - 377.17 (41.60 - 66.60)	*
4Q10	443.76	11/11/2010	NE	38.10	NA	NA	NA	405.66		*
1Q11	443.76	1/13/2011	NE	38.10	NA	NA	NA	405.66		*
2Q11	443.76	4/25/2011	NE	39.13	NA	NA	NA	404.63		*
3Q11	443.76	7/5/2011	NE	36.88	NA	NA	NA	406.88		*
	443.76	9/19/2011	NE	36.38	NA	NA	NA	407.38		*
4Q11	443.76	10/6/2011	NE	36.68	NA	NA	NA	407.08		*
1Q12	443.76	1/4/2012	NE	38.68	NA	NA	NA	405.08		*
2Q12	443.76	4/3/2012	NE	40.03	NA	NA	NA	403.73		*
3Q12	443.76	7/5/2012	NE	40.28	NA	NA	NA	403.48		*
4Q12	443.76	10/2/2012	NE	42.02	NA	NA	NA	401.74		
1Q13	443.76	1/4/2013	NE	43.04	NA	NA	NA	400.72		
2Q13	443.76	4/1/2013	NE	43.93	NA	NA	NA	399.83		
P-74										
3Q10	442.63	7/1/2010	NE	38.88	NA	NA	NA	403.75	398.20 - 373.20 (44.43 - 69.43)	*
4Q10	442.63	11/12/2010	NE	38.29	NA	NA	NA	404.34		*
1Q11	442.63	1/13/2011	NE	37.94	NA	NA	NA	404.69		*
2Q11	442.63	4/25/2011	NE	39.18	NA	NA	NA	403.45		*
3Q11	442.63	7/5/2011	NE	36.51	NA	NA	NA	406.12		*
	442.63	9/19/2011	NE	35.86	NA	NA	NA	406.77		*
4Q11	442.63	10/6/2011	NE	36.26	NA	NA	NA	406.37		*
1Q12	442.63	1/4/2012	NE	38.56	NA	NA	NA	404.07		*
2Q12	442.63	4/3/2012	NE	39.94	NA	NA	NA	402.69		*
3Q12	442.63	7/5/2012	NE	40.00	NA	NA	NA	402.63		*
4Q12	442.63	10/2/2012	NE	41.78	NA	NA	NA	400.85		*
1Q13	442.63	1/4/2013	NE	42.55	NA	NA	NA	400.08		*
2Q13	442.63	4/2/2013	NE	43.23	NA	NA	NA	399.40		*
P-75										
3Q10	446.32	7/1/2010	40.58	40.87	405.45	405.74	0.29	405.69	403.19 - 378.19 (43.13 - 68.13)	*
4Q10	446.32	11/11/2010	39.72	40.00	406.32	406.60	0.28	406.55		*
1Q11	446.32	1/13/2011	40.04	40.43	405.89	406.28	0.39	406.21		*
2Q11	446.32	4/25/2011	40.81	40.83	405.49	405.51	0.02	405.51		*
3Q11	446.32	7/5/2011	38.57	38.59	407.73	407.75	0.02	407.75		*
	446.32	9/19/2011	NE	38.31	NA	NA	NA	408.01		*
4Q11	446.32	10/5/2011	38.52	38.53	407.79	407.80	0.01	407.80		*
1Q12	446.32	1/4/2012	NE	40.48	NA	NA	NA	405.84		*
2Q12	446.32	4/4/2012	NE	41.62	NA	NA	NA	404.70		*
3Q12	446.32	7/2/2012	NE	42.14	NA	NA	NA	404.18		*
4Q12	446.32	10/2/2012	44.10	44.20	402.12	402.22	0.10	402.20		
1Q13	446.32	1/2/2013	NE	44.87	NA	NA	NA	401.45		
2Q13	446.32	4/2/2013	NE	46.03	NA	NA	NA	400.29		

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
P-82A										
3Q10	434.69	7/1/2010	NE	25.00	NA	NA	NA	409.69	401.48 - 386.48 (33.21 - 48.21)	*
4Q10	434.69	10/1/2010	NE	24.07	NA	NA	NA	410.62		*
1Q11	434.69	1/13/2011	NE	25.29	NA	NA	NA	409.40		*
2Q11	434.69	4/1/2011	NE	25.12	NA	NA	NA	409.57		*
3Q11	434.69	7/5/2011	NE	23.01	NA	NA	NA	411.68		*
	434.69	9/19/2011	NE	23.62	NA	NA	NA	411.07		*
4Q11	434.69	10/5/2011	NE	24.00	NA	NA	NA	410.69		*
1Q12	434.69	1/3/2012	NE	25.50	NA	NA	NA	409.19		*
2Q12	434.69	4/2/2012	NE	26.82	NA	NA	NA	407.87		*
3Q12	434.69	7/2/2012	NE	27.34	NA	NA	NA	407.35		*
4Q12	434.69	10/2/2012	NE	29.07	NA	NA	NA	405.62		*
1Q13	434.69	1/3/2013	NE	30.09	NA	NA	NA	404.60		*
2Q13	434.69	4/2/2013	NE	30.77	NA	NA	NA	403.92		*
P-82B										
3Q10	434.44	7/1/2010	NE	24.71	NA	NA	NA	409.73	370.84 - 368.84 (63.60 - 65.60)	*
4Q10	434.44	10/1/2010	NE	23.78	NA	NA	NA	410.66		*
1Q11	434.44	1/13/2011	NE	25.01	NA	NA	NA	409.43		*
2Q11	434.44	4/1/2011	NE	24.85	NA	NA	NA	409.59		*
3Q11	434.44	7/5/2011	NE	22.71	NA	NA	NA	411.73		*
	434.44	9/19/2011	NE	23.36	NA	NA	NA	411.08		*
4Q11	434.44	10/5/2011	NE	23.73	NA	NA	NA	410.71		*
1Q12	434.44	1/3/2012	NE	25.21	NA	NA	NA	409.23		*
2Q12	434.44	4/2/2012	NE	26.55	NA	NA	NA	407.89		*
3Q12	434.44	7/2/2012	NE	27.07	NA	NA	NA	407.37		*
4Q12	434.44	10/2/2012	NE	28.81	NA	NA	NA	405.63		*
1Q13	434.44	1/3/2013	NE	29.82	NA	NA	NA	404.62		*
2Q13	434.44	4/2/2013	NE	30.50	NA	NA	NA	403.94		*
P-82C										
3Q10	434.16	7/1/2010	NE	25.47	NA	NA	NA	408.69	351.39 - 349.39 (82.77 - 84.77)	*
4Q10	434.16	10/1/2010	NE	23.49	NA	NA	NA	410.67		*
1Q11	434.16	1/13/2011	NE	24.73	NA	NA	NA	409.43		*
2Q11	434.16	4/1/2011	NE	24.87	NA	NA	NA	409.29		*
3Q11	434.16	7/5/2011	NE	22.75	NA	NA	NA	411.41		*
	434.16	9/19/2011	NE	23.40	NA	NA	NA	410.76		*
4Q11	434.16	10/5/2011	NE	23.81	NA	NA	NA	410.35		*
1Q12	434.16	1/3/2012	NE	25.26	NA	NA	NA	408.90		*
2Q12	434.16	4/2/2012	NE	26.61	NA	NA	NA	407.55		*
3Q12	434.16	7/2/2012	NE	27.11	NA	NA	NA	407.05		*
4Q12	434.16	10/2/2012	NE	28.85	NA	NA	NA	405.31		*
1Q13	434.16	1/3/2013	NE	29.86	NA	NA	NA	404.30		*
2Q13	434.16	4/2/2013	NE	30.54	NA	NA	NA	403.62		*
P-82D										
3Q10	434.85	7/1/2010	NE	25.20	NA	NA	NA	409.65	323.43 - 321.43 (111.42 - 113.42)	*
4Q10	434.85	10/1/2010	NE	24.26	NA	NA	NA	410.59		*
1Q11	434.85	1/13/2011	NE	25.48	NA	NA	NA	409.37		*
2Q11	434.85	4/1/2011	NE	25.63	NA	NA	NA	409.22		*
3Q11	434.85	7/5/2011	NE	23.54	NA	NA	NA	411.31		*
	434.85	9/19/2011	NE	24.16	NA	NA	NA	410.69		*
4Q11	434.85	10/5/2011	NE	24.56	NA	NA	NA	410.29		*
1Q12	434.85	1/3/2012	NE	26.06	NA	NA	NA	408.79		*
2Q12	434.85	4/2/2012	NE	27.37	NA	NA	NA	407.48		*
3Q12	434.85	7/2/2012	NE	27.91	NA	NA	NA	406.94		*
4Q12	434.85	10/2/2012	NE	29.62	NA	NA	NA	405.23		*
1Q13	434.85	1/3/2013	NE	30.65	NA	NA	NA	404.20		*
2Q13	434.85	4/2/2013	NE	31.31	NA	NA	NA	403.54		*
P-83A										
3Q10	445.23	7/1/2010	NE	40.64	NA	NA	NA	404.59	398.58 - 383.58 (46.65 - 61.65)	*
4Q10	445.23	10/1/2010	NE	38.82	NA	NA	NA	406.41		*
1Q11	445.23	1/13/2011	NE	37.93	NA	NA	NA	407.30		*
2Q11	445.23	4/1/2011	NE	38.42	NA	NA	NA	406.81		*
3Q11	445.23	7/5/2011	NE	36.25	NA	NA	NA	408.98		*
	445.23	9/19/2011	NE	37.21	NA	NA	NA	408.02		*
4Q11	445.23	10/6/2011	NE	37.41	NA	NA	NA	407.82		*
1Q12	445.23	1/3/2012	NE	38.31	NA	NA	NA	406.92		*
2Q12	445.23	4/2/2012	NE	39.85	NA	NA	NA	405.38		*
3Q12	445.23	7/2/2012	NE	40.50	NA	NA	NA	404.73		*
4Q12	445.23	10/1/2012	NE	42.29	NA	NA	NA	402.94		*
1Q13	445.23	1/3/2013	NE	43.85	NA	NA	NA	401.38		*
2Q13	445.23	4/2/2013	NE	44.75	NA	NA	NA	400.48		*

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
P-83B										
3Q10	445.47	7/1/2010	NE	40.91	NA	NA	NA	404.56	375.82 - 373.82 (69.65 - 71.65)	*
4Q10	445.47	10/1/2010	NE	39.08	NA	NA	NA	406.39		*
1Q11	445.47	1/13/2011	NE	38.20	NA	NA	NA	407.27		*
2Q11	445.47	4/1/2011	NE	38.69	NA	NA	NA	406.78		*
3Q11	445.47	7/5/2011	NE	36.57	NA	NA	NA	408.90		*
	445.47	9/19/2011	NE	37.48	NA	NA	NA	407.99		*
4Q11	445.47	10/6/2011	NE	37.68	NA	NA	NA	407.79		*
1Q12	445.47	1/3/2012	NE	38.58	NA	NA	NA	406.89		*
2Q12	445.47	4/2/2012	NE	40.13	NA	NA	NA	405.34		*
3Q12	445.47	7/2/2012	NE	40.85	NA	NA	NA	404.62		*
4Q12	445.47	10/1/2012	NE	42.57	NA	NA	NA	402.90		*
1Q13	445.47	1/3/2013	NE	44.13	NA	NA	NA	401.34		*
2Q13	445.47	4/2/2013	NE	44.99	NA	NA	NA	400.48		*
P-83C										
3Q10	445.64	7/1/2010	NE	41.08	NA	NA	NA	404.56	353.25 - 351.25 (92.39 - 94.39)	*
4Q10	445.64	10/1/2010	NE	39.24	NA	NA	NA	406.40		*
1Q11	445.64	1/13/2011	NE	38.68	NA	NA	NA	406.96		*
2Q11	445.64	4/1/2011	NE	38.85	NA	NA	NA	406.79		*
3Q11	445.64	7/5/2011	NE	37.02	NA	NA	NA	408.62		*
	445.64	9/19/2011	NE	37.94	NA	NA	NA	407.70		*
4Q11	445.64	10/6/2011	NE	38.15	NA	NA	NA	407.49		*
1Q12	445.64	1/3/2012	NE	39.05	NA	NA	NA	406.59		*
2Q12	445.64	4/2/2012	NE	40.61	NA	NA	NA	405.03		*
3Q12	445.64	7/2/2012	NE	40.96	NA	NA	NA	404.68		*
4Q12	445.64	10/1/2012	NE	43.04	NA	NA	NA	402.60		*
1Q13	445.64	1/3/2013	NE	44.59	NA	NA	NA	401.05		*
2Q13	445.64	4/2/2013	NE	45.41	NA	NA	NA	400.23		*
P-83D										
3Q10	445.55	7/1/2010	NE	41.00	NA	NA	NA	404.55	311.84 - 309.84 (133.71 - 135.71)	*
4Q10	445.55	10/1/2010	NE	39.11	NA	NA	NA	406.44		*
1Q11	445.55	1/13/2011	NE	38.59	NA	NA	NA	406.96		*
2Q11	445.55	4/1/2011	NE	38.31	NA	NA	NA	407.24		*
3Q11	445.55	7/5/2011	NE	36.98	NA	NA	NA	408.57		*
	445.55	9/19/2011	NE	37.87	NA	NA	NA	407.68		*
4Q11	445.55	10/6/2011	NE	38.07	NA	NA	NA	407.48		*
1Q12	445.55	1/3/2012	NE	39.01	NA	NA	NA	406.54		*
2Q12	445.55	4/2/2012	NE	40.53	NA	NA	NA	405.02		*
3Q12	445.55	7/2/2012	NE	40.12	NA	NA	NA	405.43		*
4Q12	445.55	10/1/2012	NE	42.98	NA	NA	NA	402.57		*
1Q13	445.55	1/3/2013	NE	44.54	NA	NA	NA	401.01		*
2Q13	445.55	4/2/2013	NE	45.38	NA	NA	NA	400.17		*
P-84A										
3Q10	446.39	7/1/2010	NE	41.55	NA	NA	NA	404.84	392.57 - 377.57 (53.82 - 68.82)	*
4Q10	446.39	11/11/2010	NE	39.95	NA	NA	NA	406.44		*
1Q11	446.39	1/13/2011	NE	39.55	NA	NA	NA	406.84		*
2Q11	446.39	4/25/2011	NE	40.11	NA	NA	NA	406.28		*
3Q11	446.39	7/5/2011	NE	38.58	NA	NA	NA	407.81		*
4Q11	446.39	10/6/2011	NE	34.36	NA	NA	NA	412.03		*
1Q12	446.39	1/5/2012	NE	39.49	NA	NA	NA	406.90		*
2Q12	446.39	4/3/2012	NE	40.70	NA	NA	NA	405.69		*
3Q12	446.39	7/5/2012	NE	41.40	NA	NA	NA	404.99		*
4Q12	446.39	10/2/2012	NE	43.10	NA	NA	NA	403.29		*
1Q13	446.39	1/4/2013	NE	44.20	NA	NA	NA	402.19		*
2Q13	446.39	4/3/2013	NE	45.51	NA	NA	NA	400.88		*

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
P-84B										
3Q10	446.10	7/1/2010	NE	41.28	NA	NA	NA	404.82		*
4Q10	446.10	11/11/2010	NE	39.67	NA	NA	NA	406.43		*
1Q11	446.10	1/13/2011	NE	39.27	NA	NA	NA	406.83		*
2Q11	446.10	4/25/2011	NE	39.85	NA	NA	NA	406.25		*
3Q11	446.10	7/5/2011	NE	38.32	NA	NA	NA	407.78		*
4Q11	446.10	10/6/2011	NE	38.09	NA	NA	NA	408.01	372.60 - 370.60	*
1Q12	446.10	1/5/2012	NE	39.23	NA	NA	NA	406.87	(73.50 - 75.50)	*
2Q12	446.10	4/3/2012	NE	40.43	NA	NA	NA	405.67		*
3Q12	446.10	7/5/2012	NE	41.43	NA	NA	NA	404.67		*
4Q12	446.10	10/2/2012	NE	42.84	NA	NA	NA	403.26		*
1Q13	446.10	1/4/2013	NE	43.92	NA	NA	NA	402.18		*
2Q13	446.10	4/3/2013	NE	45.24	NA	NA	NA	400.86		*
P-84C										
3Q10	446.13	7/1/2010	NE	41.32	NA	NA	NA	404.81		*
4Q10	446.13	11/11/2010	NE	39.68	NA	NA	NA	406.45		*
1Q11	446.13	1/13/2011	NE	39.29	NA	NA	NA	406.84		*
2Q11	446.13	4/25/2011	NE	39.86	NA	NA	NA	406.27		*
3Q11	446.13	7/5/2011	NE	38.64	NA	NA	NA	407.49		*
4Q11	446.13	10/6/2011	NE	38.41	NA	NA	NA	407.72	352.08 - 350.08	*
1Q12	446.13	1/5/2012	NE	39.53	NA	NA	NA	406.60	(94.05 - 96.05)	*
2Q12	446.13	4/3/2012	NE	40.75	NA	NA	NA	405.38		*
3Q12	446.13	7/5/2012	NE	41.45	NA	NA	NA	404.68		*
4Q12	446.13	10/2/2012	NE	43.15	NA	NA	NA	402.98		*
1Q13	446.13	1/4/2013	NE	44.39	NA	NA	NA	401.74		*
2Q13	446.13	4/3/2013	NE	45.52	NA	NA	NA	400.61		*
P-84D										
3Q10	446.14	7/1/2010	NE	41.34	NA	NA	NA	404.80		*
4Q10	446.14	11/11/2010	NE	39.69	NA	NA	NA	406.45		*
1Q11	446.14	1/13/2011	NE	39.31	NA	NA	NA	406.83		*
2Q11	446.14	4/25/2011	NE	39.87	NA	NA	NA	406.27		*
3Q11	446.14	7/5/2011	NE	38.68	NA	NA	NA	407.46		*
4Q11	446.14	10/6/2011	NE	38.43	NA	NA	NA	407.71	324.99 - 322.99	*
1Q12	446.14	1/5/2012	NE	39.55	NA	NA	NA	406.59	(121.15 - 123.15)	*
2Q12	446.14	4/3/2012	NE	40.77	NA	NA	NA	405.37		*
3Q12	446.14	7/5/2012	NE	41.46	NA	NA	NA	404.68		*
4Q12	446.14	10/2/2012	NE	43.18	NA	NA	NA	402.96		*
1Q13	446.14	1/4/2013	NE	44.41	NA	NA	NA	401.73		*
2Q13	446.14	4/3/2013	NE	45.52	NA	NA	NA	400.62		*
P-88A										
3Q10	443.12	7/1/2010	NE	31.80	NA	NA	NA	411.32		*
4Q10	443.12	10/1/2010	NE	30.65	NA	NA	NA	412.47		*
1Q11	443.12	1/14/2011	NE	31.16	NA	NA	NA	411.96		*
2Q11	443.12	4/1/2011	NE	31.36	NA	NA	NA	411.76		*
3Q11	443.12	7/5/2011	NE	29.78	NA	NA	NA	413.34		*
	443.12	9/19/2011	NE	29.72	NA	NA	NA	413.40		*
4Q11	443.12	10/5/2011	NE	29.92	NA	NA	NA	413.20	404.72 - 389.72	*
1Q12	443.12	1/4/2012	NE	31.18	NA	NA	NA	411.94	(38.40 - 53.40)	*
2Q12	443.12	4/3/2012	NE	32.55	NA	NA	NA	410.57		*
3Q12	443.12	7/2/2012	NE	32.97	NA	NA	NA	410.15		*
4Q12	443.12	10/2/2012	NE	34.58	NA	NA	NA	408.54		*
1Q13	443.12	1/2/2013	NE	35.80	NA	NA	NA	407.32		*
2Q13	443.12	4/2/2013	NE	36.74	NA	NA	NA	406.38		*
P-88B										
3Q10	443.17	7/1/2010	NE	31.86	NA	NA	NA	411.31		*
4Q10	443.17	10/1/2010	NE	30.87	NA	NA	NA	412.30		*
1Q11	443.17	1/14/2011	NE	31.37	NA	NA	NA	411.80		*
2Q11	443.17	4/1/2011	NE	31.42	NA	NA	NA	411.75		*
3Q11	443.17	7/5/2011	NE	29.71	NA	NA	NA	413.46		*
	443.17	9/19/2011	NE	29.64	NA	NA	NA	413.53		*
4Q11	443.17	10/5/2011	NE	29.86	NA	NA	NA	413.31	370.62 - 368.62	*
1Q12	443.17	1/4/2012	NE	31.16	NA	NA	NA	412.01	(72.55 - 74.55)	*
2Q12	443.17	4/3/2012	NE	32.50	NA	NA	NA	410.67		*
3Q12	443.17	7/2/2012	NE	33.01	NA	NA	NA	410.16		*
4Q12	443.17	10/2/2012	NE	34.56	NA	NA	NA	408.61		*
1Q13	443.17	1/2/2013	NE	35.82	NA	NA	NA	407.35		*
2Q13	443.17	4/2/2013	NE	36.79	NA	NA	NA	406.38		*
P-88C										
3Q10	443.16	7/1/2010	NE	31.85	NA	NA	NA	411.31		*
4Q10	443.16	10/1/2010	NE	30.67	NA	NA	NA	412.49		*
1Q11	443.16	1/14/2011	NE	31.17	NA	NA	NA	411.99		*
2Q11	443.16	4/1/2011	NE	31.38	NA	NA	NA	411.78		*
3Q11	443.16	7/5/2011	NE	30.02	NA	NA	NA	413.14		*
	443.16	9/19/2011	NE	29.95	NA	NA	NA	413.21		*
4Q11	443.16	10/5/2011	NE	30.14	NA	NA	NA	413.02	350.86 - 348.86	*
1Q12	443.16	1/4/2012	NE	31.44	NA	NA	NA	411.72	(92.30 - 94.30)	*
2Q12	443.16	4/3/2012	NE	32.78	NA	NA	NA	410.38		*
3Q12	443.16	7/2/2012	NE	33.15	NA	NA	NA	410.01		*
4Q12	443.16	10/2/2012	NE	34.83	NA	NA	NA	408.33		*
1Q13	443.16	1/2/2013	NE	36.10	NA	NA	NA	407.06		*
2Q13	443.16	4/2/2013	NE	37.07	NA	NA	NA	406.09		*

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
P-88D										
3Q10	443.23	7/1/2010	NE	31.87	NA	NA	NA	411.36	329.53 - 327.53 (113.70 - 115.70)	*
4Q10	443.23	10/1/2010	NE	30.73	NA	NA	NA	412.50		*
1Q11	443.23	1/14/2011	NE	31.35	NA	NA	NA	411.88		*
2Q11	443.23	4/1/2011	NE	31.81	NA	NA	NA	411.42		*
3Q11	443.23	7/5/2011	NE	30.08	NA	NA	NA	413.15		*
	443.23	9/19/2011	NE	30.03	NA	NA	NA	413.20		*
4Q11	443.23	10/5/2011	NE	30.25	NA	NA	NA	412.98		*
1Q12	443.23	1/4/2012	NE	31.57	NA	NA	NA	411.66		*
2Q12	443.23	4/3/2012	NE	32.91	NA	NA	NA	410.32		*
3Q12	443.23	7/2/2012	NE	33.41	NA	NA	NA	409.82		*
4Q12	443.23	10/2/2012	NE	34.99	NA	NA	NA	408.24		*
1Q13	443.23	1/2/2013	NE	36.23	NA	NA	NA	407.00		*
2Q13	443.23	4/2/2013	NE	37.21	NA	NA	NA	406.02		*
T-37										
3Q10	447.15	7/1/2010	NE	39.78	NA	NA	NA	407.37	398.30 - 378.30 (48.86 - 68.86)	*
4Q10	447.15	10/1/2010	NE	38.12	NA	NA	NA	409.03		*
1Q11	447.15	1/13/2011	NE	37.61	NA	NA	NA	409.54		*
2Q11	447.15	4/1/2011	NE	37.63	NA	NA	NA	409.52		*
3Q11	447.15	7/5/2011	NE	35.84	NA	NA	NA	411.31		*
4Q11	447.15	10/6/2011	NE	36.90	NA	NA	NA	410.25		*
1Q12	447.15	1/3/2012	NE	37.95	NA	NA	NA	409.20		*
2Q12	447.15	4/2/2012	NE	39.12	NA	NA	NA	408.03		*
3Q12	447.15	7/2/2012	NE	39.91	NA	NA	NA	407.24		*
4Q12	447.15	10/1/2012	NE	41.44	NA	NA	NA	405.71		*
1Q13	447.15	1/3/2013	NE	43.07	NA	NA	NA	404.08		*
2Q13	447.15	4/1/2013	NE	43.79	NA	NA	NA	403.36		*
P-89B										
3Q10	447.35	7/1/2010	NE	39.97	NA	NA	NA	407.38	369.99 - 367.99 (77.36 - 79.36)	*
4Q10	447.35	10/1/2010	NE	38.29	NA	NA	NA	409.06		*
1Q11	447.35	1/14/2011	NE	37.78	NA	NA	NA	409.57		*
2Q11	447.35	4/1/2011	NE	37.80	NA	NA	NA	409.55		*
3Q11	447.35	7/5/2011	NE	35.99	NA	NA	NA	411.36		*
	447.35	9/19/2011	NE	36.81	NA	NA	NA	410.54		*
4Q11	447.35	10/6/2011	NE	37.05	NA	NA	NA	410.30		*
1Q12	447.35	1/3/2012	NE	38.10	NA	NA	NA	409.25		*
2Q12	447.35	4/2/2012	NE	39.30	NA	NA	NA	408.05		*
3Q12	447.35	7/2/2012	NE	40.09	NA	NA	NA	407.26		*
4Q12	447.35	10/1/2012	NE	41.62	NA	NA	NA	405.73		*
1Q13	447.35	1/3/2013	NE	43.23	NA	NA	NA	404.12		*
2Q13	447.35	4/1/2013	NE	43.96	NA	NA	NA	403.39		*
P-89C										
3Q10	447.68	7/1/2010	NE	40.32	NA	NA	NA	407.36	350.05 - 348.05 (97.63 - 99.63)	*
4Q10	447.68	10/1/2010	NE	38.64	NA	NA	NA	409.04		*
1Q11	447.68	1/14/2011	NE	38.10	NA	NA	NA	409.58		*
2Q11	447.68	4/1/2011	NE	38.14	NA	NA	NA	409.54		*
3Q11	447.68	7/5/2011	NE	36.33	NA	NA	NA	411.35		*
	447.68	9/19/2011	NE	37.13	NA	NA	NA	410.55		*
4Q11	447.68	10/6/2011	NE	37.39	NA	NA	NA	410.29		*
1Q12	447.68	1/3/2012	NE	38.42	NA	NA	NA	409.26		*
2Q12	447.68	4/2/2012	NE	39.63	NA	NA	NA	408.05		*
3Q12	447.68	7/2/2012	NE	40.42	NA	NA	NA	407.26		*
4Q12	447.68	10/1/2012	NE	41.94	NA	NA	NA	405.74		*
1Q13	447.68	1/3/2013	NE	43.58	NA	NA	NA	404.10		*
2Q13	447.68	4/2/2013	NE	44.28	NA	NA	NA	403.40		*
P-89D										
3Q10	447.54	7/1/2010	NE	40.30	NA	NA	NA	407.24	307.20 - 305.20 (140.34 - 142.34)	*
4Q10	447.54	10/1/2010	NE	38.61	NA	NA	NA	408.93		*
1Q11	447.54	1/14/2011	NE	38.11	NA	NA	NA	409.43		*
2Q11	447.54	4/1/2011	NE	38.12	NA	NA	NA	409.42		*
3Q11	447.54	7/5/2011	NE	36.23	NA	NA	NA	411.31		*
	447.54	9/19/2011	NE	37.04	NA	NA	NA	410.50		*
4Q11	447.54	10/6/2011	NE	37.35	NA	NA	NA	410.19		*
1Q12	447.54	1/3/2012	NE	38.47	NA	NA	NA	409.07		*
2Q12	447.54	4/2/2012	NE	39.56	NA	NA	NA	407.98		*
3Q12	447.54	7/2/2012	NE	40.36	NA	NA	NA	407.18		*
4Q12	447.54	10/1/2012	NE	41.94	NA	NA	NA	405.60		*
1Q13	447.54	1/3/2013	NE	43.52	NA	NA	NA	404.02		*
2Q13	447.54	4/1/2013	NE	44.20	NA	NA	NA	403.34		*

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
P-91A										
3Q10	447.19	7/1/2010	44.85	45.36	401.83	402.34	0.51	402.24	395.68 - 380.68 (51.52 - 66.52)	*
4Q10	447.19	10/1/2010	42.70	43.19	404.00	404.49	0.49	404.39		*
1Q11	447.19	1/14/2011	41.19	41.64	405.55	406.00	0.45	405.91		*
2Q11	447.19	4/1/2011	NE	43.10	NA	NA	NA	404.09		*
3Q11	447.19	7/5/2011	NE	40.42	NA	NA	NA	406.77		*
	447.19	9/19/2011	NE	41.69	NA	NA	NA	405.50		*
4Q11	447.19	10/6/2011	NE	41.63	NA	NA	NA	405.56		*
1Q12	447.19	1/3/2012	NE	42.91	NA	NA	NA	404.28		*
2Q12	447.19	4/3/2012	NE	44.31	NA	NA	NA	402.88		*
3Q12	447.19	7/2/2012	NE	45.76	NA	NA	NA	401.43		*
4Q12	447.19	10/1/2012	NE	46.72	NA	NA	NA	400.47		*
1Q13	447.19	1/4/2013	NE	48.92	NA	NA	NA	398.27		*
2Q13	447.19	4/1/2013	NE	49.58	NA	NA	NA	397.61		*
P-91B										
3Q10	447.26	7/1/2010	NE	45.08	NA	NA	NA	402.18	372.57 - 370.57 (74.69 - 76.69)	*
4Q10	447.26	10/1/2010	NE	42.87	NA	NA	NA	404.39		*
1Q11	447.26	1/14/2011	NE	41.41	NA	NA	NA	405.85		*
2Q11	447.26	4/1/2011	NE	43.28	NA	NA	NA	403.98		*
3Q11	447.26	7/5/2011	NE	40.62	NA	NA	NA	406.64		*
	447.26	9/19/2011	NE	41.78	NA	NA	NA	405.48		*
4Q11	447.26	10/6/2011	NE	41.53	NA	NA	NA	405.73		*
1Q12	447.26	1/3/2012	NE	43.00	NA	NA	NA	404.26		*
2Q12	447.26	4/3/2012	NE	44.11	NA	NA	NA	403.15		*
3Q12	447.26	7/2/2012	NE	45.74	NA	NA	NA	401.52		*
4Q12	447.26	10/1/2012	NE	46.79	NA	NA	NA	400.47		*
1Q13	447.26	1/4/2013	NE	49.10	NA	NA	NA	398.16		*
2Q13	447.26	4/1/2013	NE	49.70	NA	NA	NA	397.56		*
P-91C										
3Q10	447.02	7/1/2010	NE	44.83	NA	NA	NA	402.19	352.29 - 350.29 (94.73 - 96.73)	*
4Q10	447.02	10/1/2010	NE	42.57	NA	NA	NA	404.45		*
1Q11	447.02	1/14/2011	NE	41.18	NA	NA	NA	405.84		*
2Q11	447.02	4/1/2011	NE	43.00	NA	NA	NA	404.02		*
3Q11	447.02	7/5/2011	NE	40.35	NA	NA	NA	406.67		*
	447.02	9/19/2011	NE	41.51	NA	NA	NA	405.51		*
4Q11	447.02	10/6/2011	NE	41.47	NA	NA	NA	405.55		*
1Q12	447.02	1/3/2012	NE	42.74	NA	NA	NA	404.28		*
2Q12	447.02	4/3/2012	NE	44.11	NA	NA	NA	402.91		*
3Q12	447.02	7/2/2012	NE	45.53	NA	NA	NA	401.49		*
4Q12	447.02	10/1/2012	NE	46.54	NA	NA	NA	400.48		*
1Q13	447.02	1/4/2013	NE	48.84	NA	NA	NA	398.18		*
2Q13	447.02	4/2/2013	NE	49.40	NA	NA	NA	397.62		*
P-91D										
3Q10	447.02	7/1/2010	NE	44.77	NA	NA	NA	402.25	278.70 - 276.70 (168.32 - 170.32)	*
4Q10	447.02	10/1/2010	NE	42.52	NA	NA	NA	404.50		*
1Q11	447.02	1/14/2011	NE	41.14	NA	NA	NA	405.88		*
2Q11	447.02	4/1/2011	NE	42.97	NA	NA	NA	404.05		*
3Q11	447.02	7/5/2011	NE	40.27	NA	NA	NA	406.75		*
	447.02	9/19/2011	NE	41.49	NA	NA	NA	405.53		*
4Q11	447.02	10/6/2011	NE	41.44	NA	NA	NA	405.58		*
1Q12	447.02	1/3/2012	NE	42.73	NA	NA	NA	404.29		*
2Q12	447.02	4/3/2012	NE	44.35	NA	NA	NA	402.67		*
3Q12	447.02	7/2/2012	NE	45.55	NA	NA	NA	401.47		*
4Q12	447.02	10/1/2012	NE	46.53	NA	NA	NA	400.49		*
1Q13	447.02	1/4/2013	NE	48.82	NA	NA	NA	398.20		*
2Q13	447.02	4/1/2013	NE	49.42	NA	NA	NA	397.60		*
P-92A										
3Q10	446.12	7/1/2010	42.43	42.63	403.49	403.69	0.20	403.65	398.55 - 383.55 (47.57 - 62.57)	*
4Q10	446.12	10/1/2010	40.50	40.70	405.42	405.62	0.20	405.58		*
1Q11	446.12	1/14/2011	39.43	39.57	406.55	406.69	0.14	406.66		*
2Q11	446.12	4/1/2011	NE	41.02	NA	NA	NA	405.10		*
3Q11	446.12	7/5/2011	38.55	38.59	407.53	407.57	0.04	407.56		*
	446.12	9/19/2011	39.62	39.67	406.45	406.50	0.05	406.49		*
4Q11	446.12	10/6/2011	39.70	39.76	406.36	406.42	0.06	406.41		*
1Q12	446.12	1/4/2012	41.05	41.07	405.05	405.07	0.02	405.07		*
2Q12	446.12	4/3/2012	NE	42.77	NA	NA	NA	403.35		*
3Q12	446.12	7/3/2012	44.06	44.08	402.04	402.06	0.02	402.06		*
4Q12	446.12	10/1/2012	NE	45.04	NA	NA	NA	401.08		*
1Q13	446.12	1/4/2013	46.83	46.84	399.28	399.29	0.01	399.29		*
2Q13	446.12	4/1/2013	47.59	47.71	398.41	398.53	0.12	398.51		

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
P-92B										
3Q10	446.07	7/1/2010	NE	42.43	NA	NA	NA	403.64	372.42 - 370.42 (73.65 - 75.65)	*
4Q10	446.07	10/1/2010	NE	40.51	NA	NA	NA	405.56		*
1Q11	446.07	1/14/2011	NE	39.41	NA	NA	NA	406.66		*
2Q11	446.07	4/1/2011	NE	40.92	NA	NA	NA	405.15		*
3Q11	446.07	7/5/2011	NE	38.51	NA	NA	NA	407.56		*
	446.07	9/19/2011	NE	39.61	NA	NA	NA	406.46		*
4Q11	446.07	10/6/2011	NE	39.68	NA	NA	NA	406.39		*
1Q12	446.07	1/4/2012	NE	41.02	NA	NA	NA	405.05		*
2Q12	446.07	4/3/2012	NE	42.74	NA	NA	NA	403.33		*
3Q12	446.07	7/3/2012	NE	44.02	NA	NA	NA	402.05		*
4Q12	446.07	10/1/2012	NE	44.97	NA	NA	NA	401.10		*
1Q13	446.07	1/4/2013	NE	46.80	NA	NA	NA	399.27		*
2Q13	446.07	4/1/2013	NE	47.57	NA	NA	NA	398.50		*
P-92C										
3Q10	445.98	7/1/2010	NE	42.30	NA	NA	NA	403.68	352.54 - 350.54 (93.44 - 95.44)	*
4Q10	445.98	10/1/2010	NE	40.38	NA	NA	NA	405.60		*
1Q11	445.98	1/14/2011	NE	39.32	NA	NA	NA	406.66		*
2Q11	445.98	4/1/2011	NE	40.77	NA	NA	NA	405.21		*
3Q11	445.98	7/5/2011	NE	38.33	NA	NA	NA	407.65		*
	445.98	9/19/2011	NE	39.50	NA	NA	NA	406.48		*
4Q11	445.98	10/6/2011	NE	39.63	NA	NA	NA	406.35		*
1Q12	445.98	1/4/2012	NE	39.95	NA	NA	NA	406.03		*
2Q12	445.98	4/3/2012	NE	42.61	NA	NA	NA	403.37		*
3Q12	445.98	7/3/2012	NE	44.07	NA	NA	NA	401.91		*
4Q12	445.98	10/1/2012	NE	45.04	NA	NA	NA	400.94		*
1Q13	445.98	1/4/2013	NE	46.83	NA	NA	NA	399.15		*
2Q13	445.98	4/1/2013	NE	47.47	NA	NA	NA	398.51		*
P-92D										
3Q10	445.90	7/1/2010	NE	42.31	NA	NA	NA	403.59	304.90 - 302.90 (141.00 - 143.00)	*
4Q10	445.90	10/1/2010	NE	40.37	NA	NA	NA	405.53		*
1Q11	445.90	1/14/2011	NE	39.24	NA	NA	NA	406.66		*
2Q11	445.90	4/1/2011	NE	40.73	NA	NA	NA	405.17		*
3Q11	445.90	7/5/2011	NE	38.33	NA	NA	NA	407.57		*
	445.90	9/19/2011	NE	39.46	NA	NA	NA	406.44		*
4Q11	445.90	10/6/2011	NE	39.57	NA	NA	NA	406.33		*
1Q12	445.90	1/4/2012	NE	39.89	NA	NA	NA	406.01		*
2Q12	445.90	4/3/2012	NE	42.67	NA	NA	NA	403.23		*
3Q12	445.90	7/3/2012	NE	43.96	NA	NA	NA	401.94		*
4Q12	445.90	10/1/2012	NE	44.82	NA	NA	NA	401.08		*
1Q13	445.90	1/4/2013	NE	46.72	NA	NA	NA	399.18		*
2Q13	445.90	4/1/2013	NE	47.47	NA	NA	NA	398.43		*
P-93A										
3Q10	446.58	7/1/2010	NE	41.47	NA	NA	NA	405.11	398.41 - 383.41 (48.17 - 63.17)	*
4Q10	446.58	11/11/2010	NE	40.75	NA	NA	NA	405.83		*
1Q11	446.58	1/14/2011	NE	40.97	NA	NA	NA	405.61		*
2Q11	446.58	4/25/2011	NE	41.80	NA	NA	NA	404.78		*
3Q11	446.58	7/5/2011	NE	39.40	NA	NA	NA	407.18		*
	446.58	9/19/2011	NE	38.86	NA	NA	NA	407.72		*
4Q11	446.58	10/6/2011	NE	39.16	NA	NA	NA	407.42		*
1Q12	446.58	1/4/2012	NE	41.32	NA	NA	NA	405.26		*
2Q12	446.58	4/3/2012	NE	42.72	NA	NA	NA	403.86		*
3Q12	446.58	7/5/2012	NE	42.95	NA	NA	NA	403.63		*
4Q12	446.58	10/2/2012	NE	44.72	NA	NA	NA	401.86		*
1Q13	446.58	1/8/2013	NE	45.73	NA	NA	NA	400.85		*
2Q13	446.58	4/2/2013	NE	46.58	NA	NA	NA	400.00		*
P-93B										
3Q10	446.46	7/1/2010	NE	41.38	NA	NA	NA	405.08	371.86 - 369.86 (74.60 - 76.60)	*
4Q10	446.46	11/11/2010	NE	40.73	NA	NA	NA	405.73		*
1Q11	446.46	1/14/2011	NE	41.03	NA	NA	NA	405.43		*
2Q11	446.46	4/25/2011	NE	41.69	NA	NA	NA	404.77		*
3Q11	446.46	7/5/2011	NE	39.44	NA	NA	NA	407.02		*
	446.46	9/19/2011	NE	38.91	NA	NA	NA	407.55		*
4Q11	446.46	10/6/2011	NE	39.19	NA	NA	NA	407.27		*
1Q12	446.46	1/4/2012	NE	41.38	NA	NA	NA	405.08		*
2Q12	446.46	4/3/2012	NE	42.80	NA	NA	NA	403.66		*
3Q12	446.46	7/5/2012	NE	42.86	NA	NA	NA	403.60		*
4Q12	446.46	10/2/2012	NE	44.80	NA	NA	NA	401.66		*
1Q13	446.46	1/8/2013	NE	45.77	NA	NA	NA	400.69		*
2Q13	446.46	4/2/2013	NE	46.70	NA	NA	NA	399.76		*

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
P-93C										
3Q10	446.51	7/1/2010	NE	41.42	NA	NA	NA	405.09	352.26 - 350.26 (94.26 - 96.26)	*
4Q10	446.51	11/11/2010	NE	40.69	NA	NA	NA	405.82		*
1Q11	446.51	1/14/2011	NE	40.91	NA	NA	NA	405.60		*
2Q11	446.51	4/25/2011	NE	41.70	NA	NA	NA	404.81		*
3Q11	446.51	7/5/2011	NE	39.32	NA	NA	NA	407.19		*
	446.51	9/19/2011	NE	38.79	NA	NA	NA	407.72		*
4Q11	446.51	10/6/2011	NE	39.15	NA	NA	NA	407.36		*
1Q12	446.51	1/4/2012	NE	41.27	NA	NA	NA	405.24		*
2Q12	446.51	4/3/2012	NE	42.62	NA	NA	NA	403.89		*
3Q12	446.51	7/5/2012	NE	42.98	NA	NA	NA	403.53		*
4Q12	446.51	10/2/2012	NE	44.68	NA	NA	NA	401.83		*
1Q13	446.51	1/8/2013	NE	45.66	NA	NA	NA	400.85		*
2Q13	446.51	4/2/2013	NE	46.51	NA	NA	NA	400.00		*
P-93D										
3Q10	446.89	7/1/2010	NE	41.32	NA	NA	NA	405.57	320.92 - 318.92 (125.44 - 127.44)	*
4Q10	446.89	11/11/2010	NE	40.59	NA	NA	NA	405.77		*
1Q11	446.36	1/14/2011	NE	40.81	NA	NA	NA	405.55		*
2Q11	446.36	4/25/2011	NE	41.84	NA	NA	NA	405.05	321.14 - 319.14 (125.75 - 127.75)	*
3Q11	446.89	7/5/2011	NE	39.46	NA	NA	NA	407.43		*
	446.89	9/19/2011	NE	38.94	NA	NA	NA	407.95		*
4Q11	446.89	10/6/2011	NE	39.22	NA	NA	NA	407.67		*
1Q12	446.89	1/4/2012	NE	41.41	NA	NA	NA	405.48		*
2Q12	446.89	4/3/2012	NE	42.81	NA	NA	NA	404.08		*
3Q12	446.89	7/5/2012	NE	43.02	NA	NA	NA	403.87		*
4Q12	446.89	10/2/2012	NE	44.43	NA	NA	NA	402.46		*
1Q13	446.89	1/8/2013	NE	45.84	NA	NA	NA	401.05		*
2Q13	446.89	4/2/2013	NE	46.67	NA	NA	NA	400.22		*
P-94										
3Q10	444.65	7/1/2010	NE	36.11	NA	NA	NA	408.54	398.80 - 383.80 (45.85 - 60.85)	*
4Q10	444.65	10/1/2010	NE	35.13	NA	NA	NA	409.52		*
1Q11	444.65	1/13/2011	NE	34.66	NA	NA	NA	409.99		*
2Q11	444.65	4/1/2011	NE	34.27	NA	NA	NA	410.38		*
3Q11	444.65	7/5/2011	NE	32.14	NA	NA	NA	412.51		*
	444.65	9/19/2011	NE	33.17	NA	NA	NA	411.48		*
4Q11	444.65	10/6/2011	NE	33.53	NA	NA	NA	411.12		*
1Q12	444.65	1/3/2012	NE	34.75	NA	NA	NA	409.90		*
2Q12	444.65	4/2/2012	NE	35.68	NA	NA	NA	408.97		*
3Q12	444.65	7/2/2012	NE	36.20	NA	NA	NA	408.45		*
4Q12	444.65	10/1/2012	NE	38.02	NA	NA	NA	406.63		*
1Q13	444.65	1/3/2013	NE	39.75	NA	NA	NA	404.90		*
2Q13	444.65	4/2/2013	NE	40.64	NA	NA	NA	404.01		*
P-95										
3Q10	443.44	7/1/2010	NE	30.42	NA	NA	NA	413.02	406.92 - 391.92 (36.52 - 51.52)	*
4Q10	443.44	10/1/2010	NE	29.31	NA	NA	NA	414.13		*
1Q11	443.44	1/13/2011	NE	29.68	NA	NA	NA	413.76		*
2Q11	443.44	4/1/2011	NE	29.75	NA	NA	NA	413.69		*
3Q11	443.44	7/5/2011	NE	28.12	NA	NA	NA	415.32		*
4Q11	443.44	10/5/2011	NE	28.24	NA	NA	NA	415.20		*
1Q12	443.44	1/5/2012	NE	29.50	NA	NA	NA	413.94		*
2Q12	443.44	4/3/2012	NE	30.58	NA	NA	NA	412.86		*
3Q12	443.44	7/3/2012	NE	31.04	NA	NA	NA	412.40		*
4Q12	443.44	10/2/2012	NE	32.52	NA	NA	NA	410.92		*
1Q13	443.44	1/2/2013	NE	33.87	NA	NA	NA	409.57		*
2Q13	443.44	4/2/2013	NE	34.91	NA	NA	NA	408.53		*
P-102										
3Q10	444.91	7/1/2010	NE	33.97	NA	NA	NA	410.94	402.16 - 382.16 (42.75 - 62.75)	*
4Q10	444.91	10/1/2010	NE	33.62	NA	NA	NA	411.29		*
1Q11	444.91	1/3/2011	NE	32.61	NA	NA	NA	412.30		*
2Q11	444.91	4/1/2011	NE	32.41	NA	NA	NA	412.50		*
3Q11	444.91	7/5/2011	NE	30.91	NA	NA	NA	414.00		*
	444.91	9/19/2011	NE	31.18	NA	NA	NA	413.73		*
4Q11	444.91	10/6/2011	NE	31.47	NA	NA	NA	413.44		*
1Q12	444.91	1/4/2012	NE	32.45	NA	NA	NA	412.46		*
2Q12	444.91	4/3/2012	NE	33.41	NA	NA	NA	411.50		*
3Q12	444.91	7/2/2012	NE	34.10	NA	NA	NA	410.81		*
4Q12	444.91	10/2/2012	NE	35.69	NA	NA	NA	409.22		*
1Q13	444.91	1/2/2013	NE	36.98	NA	NA	NA	407.93		*
2Q13	444.91	4/2/2013	NE	37.95	NA	NA	NA	406.96		*

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
P-114										
3Q10	432.41	7/1/2010	NE	25.00	NA	NA	NA	407.41	399.73 - 379.73 (32.67 - 52.67)	*
4Q10	432.41	11/12/2010	NE	24.66	NA	NA	NA	407.75		*
1Q11	432.41	1/13/2011	NE	26.84	NA	NA	NA	405.57		*
2Q11	432.41	4/25/2011	NE	26.61	NA	NA	NA	405.80		*
3Q11	432.41	7/5/2011	NE	23.48	NA	NA	NA	408.93		*
	432.41	9/19/2011	NE	24.20	NA	NA	NA	408.21		*
4Q11	432.41	10/5/2011	NE	24.59	NA	NA	NA	407.82		*
1Q12	432.41	1/3/2012	NE	26.88	NA	NA	NA	405.53		*
2Q12	432.41	4/2/2012	NE	28.33	NA	NA	NA	404.08		*
3Q12	432.41	7/3/2012	NE	28.39	NA	NA	NA	404.02		*
4Q12	432.41	10/2/2012	NE	30.51	NA	NA	NA	401.90		*
1Q13	432.41	1/7/2013	NE	30.22	NA	NA	NA	402.19		*
2Q13	432.41	4/2/2013	NE	31.99	NA	NA	NA	400.42		*
P-115										
3Q10	433.31	7/1/2010	NE	25.59	NA	NA	NA	407.72	401.01 - 381.01 (32.30 - 52.30)	*
4Q10	433.31	11/11/2010	NE	25.41	NA	NA	NA	407.90		*
1Q11	433.31	1/13/2011	NE	27.88	NA	NA	NA	405.43		*
2Q11	433.31	4/25/2011	NE	27.38	NA	NA	NA	405.93		*
3Q11	433.31	7/5/2011	NM	NM	NA	NA	NA	NA		
	433.31	9/19/2011	NE	25.10	NA	NA	NA	408.21		*
4Q11	433.31	10/6/2011	NE	25.67	NA	NA	NA	407.64		*
1Q12	433.31	1/3/2012	NE	27.86	NA	NA	NA	405.45		*
2Q12	433.31	4/2/2012	NE	29.30	NA	NA	NA	404.01		*
3Q12	433.31	7/3/2012	NE	29.35	NA	NA	NA	403.96		*
4Q12	433.31	10/2/2012	NE	31.51	NA	NA	NA	401.80		*
1Q13	433.31	1/7/2013	NE	32.60	NA	NA	NA	400.71		
2Q13	433.31	4/2/2013	NE	32.92	NA	NA	NA	400.39		
P-116										
3Q10	436.45	7/1/2010	NE	28.82	NA	NA	NA	407.63	399.01 - 379.01 (37.44 - 57.44)	*
4Q10	436.45	11/11/2010	NE	28.76	NA	NA	NA	407.69		*
1Q11	436.45	1/13/2011	NE	31.35	NA	NA	NA	405.10		*
2Q11	436.45	4/25/2011	NE	30.76	NA	NA	NA	405.69		*
3Q11	436.45	7/5/2011	NE	27.41	NA	NA	NA	409.04		*
	436.45	9/19/2011	NE	28.52	NA	NA	NA	407.93		*
4Q11	436.45	10/5/2011	NE	28.96	NA	NA	NA	407.49		*
1Q12	436.45	1/3/2012	NE	31.35	NA	NA	NA	405.10		*
2Q12	436.45	4/2/2012	NE	32.72	NA	NA	NA	403.73		*
3Q12	436.45	7/3/2012	NE	32.80	NA	NA	NA	403.65		*
4Q12	436.45	10/2/2012	NE	34.97	NA	NA	NA	401.48		*
1Q13	436.45	1/7/2013	NE	36.10	NA	NA	NA	400.35		*
2Q13	436.45	4/2/2013	NE	36.32	NA	NA	NA	400.13		*
P-117										
3Q10	432.67	7/1/2010	NE	24.91	NA	NA	NA	407.76	399.74 - 379.74 (32.93 - 52.93)	*
4Q10	432.67	11/11/2010	NE	24.11	NA	NA	NA	408.56		*
1Q11	432.67	1/13/2011	NE	27.62	NA	NA	NA	405.05		*
2Q11	432.67	4/25/2011	NE	26.96	NA	NA	NA	405.71		*
3Q11	432.67	7/5/2011	NE	23.54	NA	NA	NA	409.13		*
	432.67	9/19/2011	NE	24.71	NA	NA	NA	407.96		*
4Q11	432.67	10/5/2011	NE	25.16	NA	NA	NA	407.51		*
1Q12	432.67	1/3/2012	NE	27.56	NA	NA	NA	405.11		*
2Q12	432.67	4/2/2012	NE	29.00	NA	NA	NA	403.67		*
3Q12	432.67	7/3/2012	NE	29.00	NA	NA	NA	403.67		*
4Q12	432.67	10/2/2012	NE	31.19	NA	NA	NA	401.48		*
1Q13	432.67	1/7/2013	NE	32.45	NA	NA	NA	400.22		*
2Q13	432.67	4/2/2013	NE	32.51	NA	NA	NA	400.16		*
P-118										
3Q10	431.32	7/1/2010	NE	23.27	NA	NA	NA	408.05	400.20 - 384.27 (31.12 - 47.05)	*
4Q10	431.32	10/1/2010	NE	23.80	NA	NA	NA	407.52		*
1Q11	431.32	1/13/2011	NE	26.95	NA	NA	NA	404.37		*
2Q11	431.32	4/1/2011	NE	25.75	NA	NA	NA	405.57		*
3Q11	431.32	7/5/2011	NE	22.11	NA	NA	NA	409.21		*
	431.32	9/19/2011	NE	23.78	NA	NA	NA	407.54		*
4Q11	431.32	10/5/2011	NE	34.28	NA	NA	NA	397.04		
1Q12	431.32	1/3/2012	NE	26.78	NA	NA	NA	404.54		*
2Q12	431.32	4/2/2012	NE	28.13	NA	NA	NA	403.19		*
3Q12	431.32	7/3/2012	NE	28.12	NA	NA	NA	403.20		*
4Q12	431.32	10/2/2012	NE	30.40	NA	NA	NA	400.92		*
1Q13	431.32	1/7/2013	NE	31.60	NA	NA	NA	399.72		
2Q13	431.32	4/2/2013	NE	31.53	NA	NA	NA	399.79		

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
P-119										
3Q10	431.92	7/1/2010	NE	24.71	NA	NA	NA	407.21	401.25 - 385.32 (30.67 - 46.60)	*
4Q10	431.92	11/11/2010	NE	24.93	NA	NA	NA	406.99		*
1Q11	431.92	1/13/2011	NE	25.64	NA	NA	NA	406.28		*
2Q11	431.92	4/25/2011	NE	25.77	NA	NA	NA	406.15		*
3Q11	431.92	7/5/2011	NE	23.06	NA	NA	NA	408.86		*
	431.92	9/19/2011	NE	23.40	NA	NA	NA	408.52		*
4Q11	431.92	10/5/2011	NE	23.70	NA	NA	NA	408.22		*
1Q12	431.92	1/3/2012	NE	29.80	NA	NA	NA	402.12		*
2Q12	431.92	4/2/2012	NE	27.21	NA	NA	NA	404.71		*
3Q12	431.92	7/3/2012	NE	27.40	NA	NA	NA	404.52		*
4Q12	431.92	10/2/2012	NE	29.45	NA	NA	NA	402.47		*
1Q13	431.92	1/7/2013	NE	30.46	NA	NA	NA	401.46		*
2Q13	431.92	4/2/2013	NE	31.10	NA	NA	NA	400.82		
P-120										
3Q10	432.78	7/1/2010	NE	24.53	NA	NA	NA	408.25	401.40 - 385.47 (31.38 - 47.31)	*
4Q10	432.78	10/1/2010	NE	24.13	NA	NA	NA	408.65		*
1Q11	432.78	1/13/2011	NE	26.14	NA	NA	NA	406.64		*
2Q11	432.78	4/1/2011	NE	25.82	NA	NA	NA	406.96		*
3Q11	432.78	7/5/2011	NE	22.85	NA	NA	NA	409.93		*
	432.78	9/19/2011	NE	23.82	NA	NA	NA	408.96		*
4Q11	432.78	10/5/2011	NE	24.15	NA	NA	NA	408.63		*
1Q12	432.78	1/3/2012	NE	26.22	NA	NA	NA	406.56		*
2Q12	432.78	4/4/2012	NE	27.58	NA	NA	NA	405.20		*
3Q12	432.78	7/3/2012	NE	27.84	NA	NA	NA	404.94		*
4Q12	432.78	10/2/2012	NE	29.90	NA	NA	NA	402.88		*
1Q13	432.78	1/7/2013	NE	31.00	NA	NA	NA	401.78		*
2Q13	432.78	4/2/2013	NE	31.42	NA	NA	NA	401.36		
P-129										
3Q10	432.46	7/1/2010	NE	23.82	NA	NA	NA	408.64	400.49 - 384.56 (31.97 - 47.90)	*
4Q10	432.46	10/1/2010	NE	25.46	NA	NA	NA	407.00		*
1Q11	432.46	1/1/2011	NE	29.82	NA	NA	NA	402.64		*
2Q11	432.46	4/1/2011	NE	26.85	NA	NA	NA	405.61		*
3Q11	432.46	7/5/2011	NE	22.74	NA	NA	NA	409.72		*
4Q11	432.46	10/5/2011	NE	26.57	NA	NA	NA	405.89		*
1Q12	432.46	1/5/2012	NE	29.31	NA	NA	NA	403.15		*
2Q12	432.46	4/2/2012	NE	30.31	NA	NA	NA	402.15		*
3Q12	432.46	7/3/2012	NE	30.33	NA	NA	NA	402.13		*
4Q12	432.46	10/2/2012	NE	32.84	NA	NA	NA	399.62		
1Q13	432.46	1/7/2013	NE	34.12	NA	NA	NA	398.34		
2Q13	432.46	4/2/2013	NE	33.30	NA	NA	NA	399.16		
GP-9-PZ										
4Q10	442.41	11/11/2010	NE	37.38	NA	NA	NA	405.03	404.81 - 394.81 (37.60 - 47.60)	*
1Q11	442.41	1/14/2011	NE	37.53	NA	NA	NA	404.88		*
2Q11	442.41	4/25/2011	NE	38.85	NA	NA	NA	403.56		
3Q11	442.41	7/5/2011	NE	NM	NA	NA	NA	NA		
	442.41	9/19/2011	NE	35.44	NA	NA	NA	406.97		*
4Q11	442.41	10/6/2011	NE	36.65	NA	NA	NA	405.76		*
1Q12	442.41	1/4/2012	NE	38.13	NA	NA	NA	404.28		
2Q12	442.41	4/3/2012	NE	39.51	NA	NA	NA	402.90		
3Q12	442.41	7/5/2012	NE	39.62	NA	NA	NA	402.79		
4Q12	442.41	10/2/2012	NE	41.32	NA	NA	NA	401.09		
1Q13	442.41	1/4/2013	NE	42.21	NA	NA	NA	400.20		
2Q13	442.41	4/2/2013	NE	42.90	NA	NA	NA	399.51		
ROST-3-MW (ROST-3-PZ)										
4Q10	442.29	11/12/2010	NE	36.60	NA	NA	NA	405.69	402.29 - 392.29 (40.00 - 50.00)	*
1Q11	442.29	1/13/2011	NE	37.29	NA	NA	NA	405.00		*
2Q11	442.29	4/25/2011	NE	38.21	NA	NA	NA	404.08		*
3Q11	442.29	7/5/2011	NE	35.83	NA	NA	NA	406.46		*
	442.29	9/19/2011	NE	34.89	NA	NA	NA	407.40		*
4Q11	442.29	10/5/2011	NE	35.18	NA	NA	NA	407.11		*
1Q12	442.29	1/3/2012	NE	37.33	NA	NA	NA	404.96		*
2Q12	442.29	4/2/2012	NE	38.57	NA	NA	NA	403.72		*
3Q12	442.29	7/2/2012	NE	38.84	NA	NA	NA	403.45		*
4Q12	442.29	10/1/2012	NE	40.55	NA	NA	NA	401.74		
1Q13	442.29	1/2/2013	NE	41.50	NA	NA	NA	400.79	404.11 - 394.11 (38.18 - 48.18)	2" Well Installed
2Q13	442.29	4/1/2013	NE	42.26	NA	NA	NA	400.03		
ROST-4-PZ										
4Q10	442.27	11/12/2010	NE	36.48	NA	NA	NA	405.79	404.27 - 394.27 (38.00 - 48.00)	* 3/4" Piezometer
1Q11	442.27	1/13/2011	NE	36.97	NA	NA	NA	405.30		* 3/4" Piezometer
2Q11	442.13	4/25/2011	NE	37.69	NA	NA	NA	404.44	407.20 - 397.20 (34.93 - 44.93)	2" Well Installed
3Q11	442.13	7/5/2011	NE	35.85	NA	NA	NA	406.28		
4Q11	442.13	NA	NM	NM	NA	NA	NA	NA		
1Q12	442.13	1/3/2012	NE	36.62	NA	NA	NA	405.51		
2Q12	442.13	4/2/2012	37.81	37.84	404.29	404.32	0.03	404.31		
3Q12	442.13	7/2/2012	NE	38.24	NA	NA	NA	403.89		
4Q12	442.13	10/1/2012	NE	39.52	NA	NA	NA	402.61		
1Q13	442.13	1/2/2013	NE	40.52	NA	NA	NA	401.61		
2Q13	442.13	4/1/2013	41.38	41.46	400.67	400.75	0.08	400.73		

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
ROST-4-PZ(A)										
2Q11	442.11	4/25/2011	NE	37.18	NA	NA	NA	404.93	407.34 - 397.34 (34.77 - 44.77)	
3Q11	442.11	7/5/2011	NE	35.21	NA	NA	NA	406.90		
4Q11	442.11	NA	NM	NM	NA	NA	NA	NA		
1Q12	442.11	1/3/2012	NE	35.92	NA	NA	NA	406.19		
2Q12	442.11	4/2/2012	NE	37.17	NA	NA	NA	404.94		
3Q12	442.11	7/2/2012	NE	38.64	NA	NA	NA	403.47		
4Q12	442.11	10/1/2012	NE	38.95	NA	NA	NA	403.16		
1Q13	442.11	1/2/2013	NE	40.60	NA	NA	NA	401.51		
2Q13	442.11	4/1/2013	NE	41.86	NA	NA	NA	400.25		
ROST-4-PZ(B)										
2Q11	442.38	4/25/2011	NE	37.80	NA	NA	NA	404.58	407.33 - 397.33 (35.05 - 45.05)	
3Q11	442.38	7/5/2011	NE	35.93	NA	NA	NA	406.45		
4Q11	442.38	NA	NM	NM	NA	NA	NA	NA		
1Q12	442.38	1/3/2012	NE	36.65	NA	NA	NA	405.73		
2Q12	442.38	4/2/2012	NE	37.87	NA	NA	NA	404.51		
3Q12	442.38	7/2/2012	NE	38.28	NA	NA	NA	404.10		
4Q12	442.38	10/1/2012	NE	39.62	NA	NA	NA	402.76		
1Q13	442.38	1/2/2013	NE	40.61	NA	NA	NA	401.77		
2Q13	442.38	4/1/2013	NE	41.55	NA	NA	NA	400.83		
ROST-4-PZ(C)										
2Q11	442.66	4/25/2011	NE	38.52	NA	NA	NA	404.14	407.71 - 397.71 (34.95 - 44.95)	
3Q11	442.66	7/5/2011	NE	36.62	NA	NA	NA	406.04		
4Q11	442.66	NA	NM	NM	NA	NA	NA	NA		
1Q12	442.66	1/3/2012	NE	37.40	NA	NA	NA	405.26		
2Q12	442.66	4/2/2012	NE	38.62	NA	NA	NA	404.04		
3Q12	442.66	7/2/2012	NE	39.09	NA	NA	NA	403.57		
4Q12	442.66	10/1/2012	NE	40.43	NA	NA	NA	402.23		
1Q13	442.66	1/2/2013	NE	41.42	NA	NA	NA	401.24		
2Q13	442.66	4/1/2013	NE	42.34	NA	NA	NA	400.32		
ROST-4-PZ(D)										
2Q11	442.98	4/25/2011	NE	38.41	NA	NA	NA	404.57	408.01 - 398.01 (34.97 - 44.97)	
3Q11	442.98	7/5/2011	NE	36.58	NA	NA	NA	406.40		
4Q11	442.98	NA	NM	NM	NA	NA	NA	NA		
1Q12	442.98	1/3/2012	37.23	37.68	405.30	405.75	0.45	405.66		
2Q12	442.98	4/2/2012	38.57	38.59	404.39	404.41	0.02	404.41		
3Q12	442.98	7/2/2012	NE	39.99	NA	NA	NA	402.99		
4Q12	442.98	10/1/2012	NE	NE	NA	NA	NA	NA		Well Dry
1Q13	442.98	1/2/2013	NE	NE	NA	NA	NA	NA		Well Dry
2Q13	442.98	4/1/2013	NE	NE	NA	NA	NA	NA		Well Dry
ROST-4-PZ(E)										
2Q11	441.96	4/25/2011	NE	37.63	NA	NA	NA	404.33	407.21 - 397.21 (34.75 - 44.75)	
3Q11	441.96	7/5/2011	NE	35.81	NA	NA	NA	406.15		
4Q11	441.96	NA	NM	NM	NA	NA	NA	NA		
1Q12	441.96	1/3/2012	36.48	36.92	405.04	405.48	0.44	405.39		
2Q12	441.96	4/2/2012	37.72	38.11	403.85	404.24	0.39	404.16		
3Q12	441.96	7/2/2012	38.13	38.19	403.77	403.83	0.06	403.82		
4Q12	441.96	10/1/2012	39.28	39.31	402.65	402.68	0.03	402.67		
1Q13	441.96	1/2/2013	NE	40.02	NA	NA	NA	401.94		
2Q13	441.96	4/1/2013	NE	40.80	NA	NA	NA	401.16		
ROST-4-PZ(F)										
2Q11	442.12	4/25/2011	NE	37.87	NA	NA	NA	404.25	407.59 - 397.59 (34.53 - 44.53)	
3Q11	442.12	7/5/2011	NE	35.99	NA	NA	NA	406.13		
4Q11	442.12	NA	NM	NM	NA	NA	NA	NA		
1Q12	442.12	1/3/2012	NE	36.83	NA	NA	NA	405.29		
2Q12	442.12	4/2/2012	NE	37.96	NA	NA	NA	404.16		
3Q12	442.12	7/2/2012	NE	38.29	NA	NA	NA	403.83		
4Q12	442.12	10/1/2012	NE	39.46	NA	NA	NA	402.66		
1Q13	442.12	1/2/2013	NE	40.30	NA	NA	NA	401.82		
2Q13	442.12	4/1/2013	NE	41.12	NA	NA	NA	401.00		
ROST-4-PZ(G)										
2Q11	442.13	4/25/2011	NE	38.08	NA	NA	NA	404.05	407.85 - 397.85 (34.28 - 44.28)	
3Q11	442.13	7/5/2011	NE	35.76	NA	NA	NA	406.37		
4Q11	442.13	NA	NM	NM	NA	NA	NA	NA		
1Q12	442.13	1/3/2012	NE	37.44	NA	NA	NA	404.69		
2Q12	442.13	4/2/2012	NE	38.61	NA	NA	NA	403.52		
3Q12	442.13	7/2/2012	NE	38.79	NA	NA	NA	403.34		
4Q12	442.13	10/1/2012	NE	40.54	NA	NA	NA	401.59		
1Q13	442.13	1/2/2013	NE	41.49	NA	NA	NA	400.64		
2Q13	442.13	4/1/2013	NE	42.14	NA	NA	NA	399.99		

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
ROST-5-PZ										
4Q10	442.22	11/12/2010	NE	NE	NA	NA	NA	NA		Well Dry
1Q11	442.22	1/13/2011	NE	NE	NA	NA	NA	NA		Well Dry
2Q11	442.22	4/25/2011	NE	NE	NA	NA	NA	NA		Well Dry
3Q11	442.22	7/5/2011	NE	NE	NA	NA	NA	NA		Well Dry
	442.22	9/19/2011	NE	NE	NA	NA	NA	NA		Well Dry
4Q11	442.22	10/5/2011	NE	NE	NA	NA	NA	NA	429.02 - 419.02	Well Dry
1Q12	442.22	1/3/2012	NE	NE	NA	NA	NA	NA	(13.20 - 23.20)	Well Dry
2Q12	442.22	4/2/2012	NE	NE	NA	NA	NA	NA		Well Dry
3Q12	442.22	7/2/2012	NE	NE	NA	NA	NA	NA		Well Dry
4Q12	442.22	10/1/2012	NE	NE	NA	NA	NA	NA		Well Dry
1Q13	442.22	1/2/2013	NE	NE	NA	NA	NA	NA		Well Dry
2Q13	442.22	4/1/2013	NE	NE	NA	NA	NA	NA		Well Dry
ROST-7-PZ										
4Q10	442.19	11/12/2010	NE	22.93	NA	NA	NA	419.26		
1Q11	442.19	1/13/2011	NE	23.74	NA	NA	NA	418.45		
2Q11	442.19	4/25/2011	NE	23.72	NA	NA	NA	418.47		
3Q11	442.19	7/5/2011	NE	22.05	NA	NA	NA	420.14		
	442.19	9/19/2011	NE	22.63	NA	NA	NA	419.56		
4Q11	442.19	10/5/2011	NE	22.52	NA	NA	NA	419.67	422.19 - 412.19	
1Q12	442.19	1/3/2012	NE	23.64	NA	NA	NA	418.55	(20.00 - 30.00)	
2Q12	442.19	4/2/2012	NE	24.08	NA	NA	NA	418.11		
3Q12	442.19	7/2/2012	NE	23.33	NA	NA	NA	418.86		
4Q12	442.19	10/1/2012	NE	23.86	NA	NA	NA	418.33		
1Q13	442.19	1/3/2013	NM	NM	NA	NA	NA	NA		
2Q13	442.19	4/1/2013	NE	25.51	NA	NA	NA	416.68		
ROST-10-PZ										
4Q10	444.51	11/12/2010	NE	NE	NA	NA	NA	NA		Well Dry
1Q11	444.51	1/13/2011	NE	NE	NA	NA	NA	NA		Well Dry
2Q11	444.51	4/25/2011	NE	NE	NA	NA	NA	NA		Well Dry
3Q11	444.51	7/5/2011	NE	19.67	NA	NA	NA	424.84		
	444.51	9/19/2011	NE	19.88	NA	NA	NA	424.63		
4Q11	444.51	10/5/2011	NE	NE	NA	NA	NA	NA	434.51 - 424.51	Well Dry
1Q12	444.51	1/3/2012	NE	NE	NA	NA	NA	NA	(10.00 - 20.00)	Well Dry
2Q12	444.51	4/2/2012	NE	NE	NA	NA	NA	NA		Well Dry
3Q12	444.51	7/2/2012	NE	NE	NA	NA	NA	NA		Well Dry
4Q12	444.51	10/1/2012	NE	NE	NA	NA	NA	NA		Well Dry
1Q13	444.51	1/3/2013	NE	NE	NA	NA	NA	NA		Well Dry
2Q13	444.51	4/1/2013	NE	NE	NA	NA	NA	NA		Well Dry
ROST-21-PZ										
4Q10	443.72	11/12/2010	NE	19.30	NA	NA	NA	424.42		
1Q11	443.72	1/13/2011	NE	19.59	NA	NA	NA	424.13		
2Q11	443.72	4/25/2011	NE	19.04	NA	NA	NA	424.68		
3Q11	443.72	7/5/2011	NE	18.37	NA	NA	NA	425.35		
	443.72	9/19/2011	NE	19.26	NA	NA	NA	424.46		
4Q11	443.72	10/5/2011	NE	NE	NA	NA	NA	NA	433.72 - 423.72	Well Dry
1Q12	443.72	1/3/2012	NE	19.81	NA	NA	NA	423.91	(10.00 - 20.00)	
2Q12	443.72	4/2/2012	NE	NE	NA	NA	NA	NA		Well Dry
3Q12	443.72	7/2/2012	NE	19.34	NA	NA	NA	424.38		
4Q12	443.72	10/1/2012	NE	NE	NA	NA	NA	NA		Well Dry
1Q13	443.72	1/3/2013	NE	NE	NA	NA	NA	NA		Well Dry
2Q13	443.72	4/1/2013	NE	NE	NA	NA	NA	NA		Well Dry
S-1										
3Q10	443.79	7/1/2010	38.27	43.29	400.50	405.52	5.02	404.52		
4Q10	443.79	11/11/2010	36.96	41.91	401.88	406.83	4.95	405.84		
1Q11	443.79	1/13/2011	36.41	41.33	402.46	407.38	4.92	406.40		
2Q11	443.79	4/25/2011	38.70	38.73	405.06	405.09	0.03	405.08		
3Q11	443.79	7/5/2011	36.50	36.54	407.25	407.29	0.04	407.28		
	443.79	9/19/2011	NE	36.42	NA	NA	NA	407.37		
4Q11	443.79	10/6/2011	NE	36.68	NA	NA	NA	407.11	Unknown	
1Q12	443.79	1/3/2012	NE	38.36	NA	NA	NA	405.43		
2Q12	443.79	4/3/2012	NE	39.83	NA	NA	NA	403.96		
3Q12	443.79	7/3/2012	NE	40.38	NA	NA	NA	403.41		
4Q12	443.79	10/1/2012	NE	41.93	NA	NA	NA	401.86		
1Q13	443.79	1/4/2013	NE	43.35	NA	NA	NA	400.44		
2Q13	443.79	4/1/2013	NE	44.20	NA	NA	NA	399.59		
T-1										
3Q10	444.55	7/1/2010	NM	NM	NA	NA	NA	NA		
4Q10	444.55	11/11/2010	NE	39.08	NA	NA	NA	406.32		*
1Q11	444.55	1/13/2011	NE	41.02	NA	NA	NA	403.53	396.92 - 373.00	*
2Q11	444.55	4/25/2011	NE	46.65	NA	NA	NA	397.90	(47.63 - 71.55)	*
3Q11	444.55	7/5/2011	NE	35.99	NA	NA	NA	408.56		*
	444.55	9/19/2011	NE	51.50	NA	NA	NA	393.05		
4Q11	444.55	10/6/2011	NE	50.83	NA	NA	NA	393.72		
1Q12	445.40	1/3/2012	NM	NM	NA	NA	NA	NA		
2Q12	445.40	4/2/2012	NE	40.09	NA	NA	NA	405.31		*
3Q12	445.40	7/2/2012	NE	41.19	NA	NA	NA	404.21	398.40 - 388.40	*
4Q12	445.40	10/1/2012	NE	42.90	NA	NA	NA	402.50	(43.91 - 53.91)	*
1Q13	445.40	1/3/2013	NE	44.17	NA	NA	NA	401.23		*
2Q13	445.40	4/2/2013	NE	44.94	NA	NA	NA	400.46		*

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
T-2										
3Q10	443.13	7/1/2010	NE	39.16	NA	NA	NA	403.97	392.63 - 372.48 (50.50 - 70.65)	*
4Q10	443.13	11/11/2010	NE	37.51	NA	NA	NA	405.62		*
1Q11	443.13	1/13/2011	NE	36.97	NA	NA	NA	406.16		*
2Q11	443.13	4/25/2011	NE	38.03	NA	NA	NA	405.10		*
3Q11	443.13	7/5/2011	NE	35.89	NA	NA	NA	407.24		*
	443.13	9/19/2011	NE	35.80	NA	NA	NA	407.33		*
4Q11	443.13	10/6/2011	NE	35.97	NA	NA	NA	407.16		*
1Q12	443.13	1/3/2012	NE	34.44	NA	NA	NA	408.69		*
2Q12	443.13	4/2/2012	NE	38.68	NA	NA	NA	404.45		*
3Q12	443.13	7/2/2012	NE	39.15	NA	NA	NA	403.98		*
4Q12	443.13	10/1/2012	NE	41.11	NA	NA	NA	402.02		*
1Q13	443.13	1/3/2013	NE	43.39	NA	NA	NA	399.74		*
2Q13	443.13	4/2/2013	NE	43.35	NA	NA	NA	399.78		*
T-3										
3Q10	450.91	7/1/2010	NE	48.07	NA	NA	NA	402.84	403.65 - 388.65 (47.26 - 62.26)	
4Q10	450.91	10/1/2010	NE	45.66	NA	NA	NA	405.25		*
1Q11	450.91	1/13/2011	NE	44.64	NA	NA	NA	406.27		*
2Q11	450.91	4/1/2011	NE	46.50	NA	NA	NA	404.41		*
3Q11	450.91	7/5/2011	NE	43.85	NA	NA	NA	407.06		*
	450.91	9/19/2011	NE	44.60	NA	NA	NA	406.31		*
4Q11	450.91	10/6/2011	NE	45.68	NA	NA	NA	405.23		*
1Q12	450.91	1/4/2012	NE	45.83	NA	NA	NA	405.08		*
2Q12	450.91	4/2/2012	NE	47.09	NA	NA	NA	403.82		*
3Q12	450.91	7/2/2012	NE	48.00	NA	NA	NA	402.91		
4Q12	450.91	10/1/2012	NE	50.04	NA	NA	NA	400.87		
1Q13	450.91	1/4/2013	NE	51.55	NA	NA	NA	399.36		
2Q13	450.91	4/1/2013	NE	52.35	NA	NA	NA	398.56		
T-4										
3Q10	447.95	7/1/2010	NE	45.22	NA	NA	NA	402.73	398.24 - 383.24 (49.71 - 64.71)	*
4Q10	447.95	10/1/2010	NE	42.99	NA	NA	NA	404.96		*
1Q11	447.95	1/13/2011	NE	41.38	NA	NA	NA	406.57		*
2Q11	447.95	4/1/2011	NE	42.23	NA	NA	NA	405.72		*
3Q11	447.95	7/5/2011	NE	39.83	NA	NA	NA	408.12		*
	447.95	9/19/2011	NE	41.97	NA	NA	NA	405.98		*
4Q11	447.95	10/6/2011	NE	42.04	NA	NA	NA	405.91		*
1Q12	447.95	1/3/2012	NE	43.35	NA	NA	NA	404.60		*
2Q12	447.95	4/3/2012	NE	45.47	NA	NA	NA	402.48		*
3Q12	447.95	7/3/2012	NE	46.57	NA	NA	NA	401.38		*
4Q12	447.95	10/1/2012	NE	46.78	NA	NA	NA	401.17		*
1Q13	447.95	1/4/2013	NE	48.60	NA	NA	NA	399.35		*
2Q13	447.95	4/1/2013	NE	49.26	NA	NA	NA	398.69		*
T-5										
3Q10	443.46	7/1/2010	NM	NM	NA	NA	NA	NA	395.13 - 378.58 (48.33 - 64.88)	
4Q10	443.46	10/1/2010	NE	36.59	NA	NA	NA	406.87		*
1Q11	443.46	1/1/2011	NE	36.09	NA	NA	NA	407.37		*
2Q11	443.46	4/1/2011	NE	37.30	NA	NA	NA	406.16		*
3Q11	443.46	7/5/2011	NE	35.28	NA	NA	NA	408.18		*
4Q11	443.46	10/6/2011	NE	35.84	NA	NA	NA	407.62		*
1Q12	443.46	1/3/2012	NE	37.31	NA	NA	NA	406.15		*
2Q12	443.46	4/3/2012	NE	38.87	NA	NA	NA	404.59		*
3Q12	443.46	7/6/2012	NE	39.81	NA	NA	NA	403.65		*
4Q12	443.46	10/1/2012	NE	41.08	NA	NA	NA	402.38		*
1Q13	443.46	1/4/2013	NE	42.57	NA	NA	NA	400.89		*
2Q13	443.46	4/1/2013	NE	43.42	NA	NA	NA	400.04		*
T-6										
3Q10	446.55	7/1/2010	NE	41.74	NA	NA	NA	404.81	394.79 - 380.54 (51.76 - 66.01)	*
4Q10	446.55	11/12/2010	NE	40.77	NA	NA	NA	405.78		*
1Q11	446.55	1/13/2011	NE	41.07	NA	NA	NA	405.48		*
2Q11	446.55	4/25/2011	NE	42.01	NA	NA	NA	404.54		*
3Q11	446.55	7/5/2011	NE	39.58	NA	NA	NA	406.97		*
	446.55	9/19/2011	NE	38.95	NA	NA	NA	407.60		*
4Q11	446.55	10/6/2011	NE	39.26	NA	NA	NA	407.29		*
1Q12	446.55	1/4/2012	NE	41.46	NA	NA	NA	405.09		*
2Q12	446.55	4/3/2012	NE	42.88	NA	NA	NA	403.67		*
3Q12	446.55	7/5/2012	NE	43.06	NA	NA	NA	403.49		*
4Q12	446.55	10/2/2012	NE	44.86	NA	NA	NA	401.69		*
1Q13	446.55	1/4/2013	NE	45.84	NA	NA	NA	400.71		*
2Q13	446.55	4/2/2013	NE	46.69	NA	NA	NA	399.86		*

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
T-7										
3Q10	444.01	7/1/2010	37.21	37.37	406.64	406.80	0.16	406.77	395.29 - 380.29 (48.72 - 63.72)	*
4Q10	444.01	10/1/2010	36.24	36.40	407.61	407.77	0.16	407.74		*
1Q11	444.01	1/13/2011	36.74	36.87	407.14	407.27	0.13	407.24		*
2Q11	444.01	4/1/2011	37.20	37.25	406.76	406.81	0.05	406.80		*
3Q11	444.01	7/5/2011	35.08	35.16	408.85	408.93	0.08	408.91		*
	444.01	9/19/2011	35.14	35.19	408.82	408.87	0.05	408.86		*
4Q11	444.01	10/5/2011	35.36	35.43	408.58	408.65	0.07	408.64		*
1Q12	444.01	1/4/2012	37.05	37.08	406.93	406.96	0.03	406.95		*
2Q12	444.01	4/3/2012	NE	38.45	NA	NA	NA	405.56		*
3Q12	444.01	7/2/2012	38.90	38.96	405.05	405.11	0.06	405.10		*
4Q12	444.01	10/2/2012	40.80	40.83	403.18	403.21	0.03	403.20		*
1Q13	444.01	1/2/2013	41.66	41.67	402.34	402.35	0.01	402.35		*
2Q13	444.01	4/2/2013	NE	42.78	NA	NA	NA	401.23		*
T-12										
3Q10	444.69	7/1/2010	NE	41.21	NA	NA	NA	403.48	398.23 - 372.23 (46.46 - 72.46)	*
4Q10	444.69	11/12/2010	NE	40.35	NA	NA	NA	404.34		*
1Q11	444.69	1/13/2011	NE	40.30	NA	NA	NA	404.39		*
2Q11	444.69	4/25/2011	NE	41.40	NA	NA	NA	403.29		*
3Q11	444.69	7/5/2011	NE	39.07	NA	NA	NA	405.62		*
	444.69	9/19/2011	NE	38.06	NA	NA	NA	406.63		*
4Q11	444.69	10/6/2011	NE	38.23	NA	NA	NA	406.46		*
1Q12	444.69	1/4/2012	NE	40.64	NA	NA	NA	404.05		*
2Q12	444.69	4/3/2012	NE	42.06	NA	NA	NA	402.63		*
3Q12	444.69	7/5/2012	NE	42.05	NA	NA	NA	402.64		*
4Q12	444.69	10/2/2012	NE	43.86	NA	NA	NA	400.83		*
1Q13	444.69	1/4/2013	NE	44.65	NA	NA	NA	400.04		*
2Q13	444.69	4/2/2013	NE	45.19	NA	NA	NA	399.50		*
T-13										
3Q10	443.46	7/1/2010	NE	38.72	NA	NA	NA	404.74	396.46 - 370.46 (47.00 - 73.00)	*
4Q10	443.46	11/11/2010	NE	37.37	NA	NA	NA	406.09		*
1Q11	443.46	1/13/2011	NE	37.57	NA	NA	NA	405.89		*
2Q11	443.46	4/25/2011	NE	38.25	NA	NA	NA	405.21		*
3Q11	443.46	7/5/2011	NM	NM	NA	NA	NA	NA		
	443.46	9/19/2011	NE	37.54	NA	NA	NA	405.92		*
4Q11	443.46	10/5/2011	NE	35.78	NA	NA	NA	407.68		*
1Q12	443.46	1/3/2012	NE	37.42	NA	NA	NA	406.04		*
2Q12	443.46	4/2/2012	NE	38.69	NA	NA	NA	404.77		*
3Q12	443.46	7/2/2012	NE	39.09	NA	NA	NA	404.37		*
4Q12	443.46	10/2/2012	NE	40.81	NA	NA	NA	402.65		*
1Q13	443.46	1/2/2013	NE	41.96	NA	NA	NA	401.50		*
2Q13	443.46	4/3/2013	NE	42.96	NA	NA	NA	400.50		*
T-15										
3Q10	445.03	7/1/2010	NE	41.07	NA	NA	NA	403.96	396.99 - 370.99 (48.04 - 74.04)	*
4Q10	445.03	10/1/2010	NE	39.31	NA	NA	NA	405.72		*
1Q11	445.03	1/13/2011	NE	38.39	NA	NA	NA	406.64		*
2Q11	445.03	4/1/2011	NE	39.55	NA	NA	NA	405.48		*
3Q11	445.03	7/5/2011	NE	37.35	NA	NA	NA	407.68		*
	445.03	9/19/2011	NE	37.59	NA	NA	NA	407.44		*
4Q11	445.03	10/6/2011	NE	37.79	NA	NA	NA	407.24		*
1Q12	445.03	1/3/2012	NE	38.97	NA	NA	NA	406.06		*
2Q12	445.03	4/2/2012	NE	40.28	NA	NA	NA	404.75		*
3Q12	445.03	7/2/2012	NE	40.90	NA	NA	NA	404.13		*
4Q12	445.03	10/1/2012	NE	42.81	NA	NA	NA	402.22		*
1Q13	445.03	1/3/2013	NE	44.24	NA	NA	NA	400.79		*
2Q13	445.03	4/2/2013	NE	45.11	NA	NA	NA	399.92		*
T-17										
3Q10	445.90	7/1/2010	NE	39.60	NA	NA	NA	406.30	401.80 - 375.80 (44.10 - 70.10)	*
4Q10	445.90	10/1/2010	NE	38.11	NA	NA	NA	407.79		*
1Q11	445.90	1/13/2011	NE	37.11	NA	NA	NA	408.79		*
2Q11	445.90	4/1/2011	NE	37.30	NA	NA	NA	408.60		*
3Q11	445.90	7/5/2011	NE	35.17	NA	NA	NA	410.73		*
	445.90	9/19/2011	NE	35.90	NA	NA	NA	410.00		*
4Q11	445.90	10/6/2011	NE	36.23	NA	NA	NA	409.67		*
1Q12	445.90	1/3/2012	NE	37.37	NA	NA	NA	408.53		*
2Q12	445.90	4/2/2012	NE	38.79	NA	NA	NA	407.11		*
3Q12	445.90	7/2/2012	NE	39.29	NA	NA	NA	406.61		*
4Q12	445.90	10/1/2012	NE	40.92	NA	NA	NA	404.98		*
1Q13	445.90	1/3/2013	NE	42.70	NA	NA	NA	403.20		*
2Q13	445.90	4/2/2013	NE	43.61	NA	NA	NA	402.29		*

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
T-19										
3Q10	446.71	7/1/2010	43.47	44.91	401.80	403.24	1.44	402.95	395.94 - 369.94 (50.77 - 76.77)	*
4Q10	446.71	10/1/2010	41.39	42.73	403.98	405.32	1.34	405.05		*
1Q11	446.71	1/13/2011	39.78	41.15	405.56	406.93	1.37	406.66		*
2Q11	446.71	4/1/2011	40.88	40.90	405.81	405.83	0.02	405.83		*
3Q11	446.71	7/5/2011	38.47	38.50	408.21	408.24	0.03	408.23		*
	446.71	9/19/2011	40.60	40.64	406.07	406.11	0.04	406.10		*
4Q11	446.71	10/6/2011	40.65	40.69	406.02	406.06	0.04	406.05		*
1Q12	446.71	1/3/2012	41.97	41.98	404.73	404.74	0.01	404.74		*
2Q12	446.71	4/3/2012	NE	44.09	NA	NA	NA	402.62		*
3Q12	446.71	7/3/2012	NE	45.36	NA	NA	NA	401.35		*
4Q12	446.71	10/1/2012	NE	45.41	NA	NA	NA	401.30		*
1Q13	446.71	1/4/2013	NE	47.44	NA	NA	NA	399.27		*
2Q13	446.71	4/1/2013	NE	48.09	NA	NA	NA	398.62		*
T-21										
3Q10	444.00	7/1/2010	NE	30.79	NA	NA	NA	413.21	412.04 - 386.04 (31.96 - 57.96)	*
4Q10	444.00	10/1/2010	NE	29.65	NA	NA	NA	414.35		*
1Q11	444.00	1/13/2011	NE	29.96	NA	NA	NA	414.04		*
2Q11	444.00	4/1/2011	NE	29.83	NA	NA	NA	414.17		*
3Q11	444.00	7/5/2011	NE	28.17	NA	NA	NA	415.83		*
	444.00	9/19/2011	NE	28.24	NA	NA	NA	415.76		*
4Q11	444.00	10/5/2011	NE	28.41	NA	NA	NA	415.59		*
1Q12	444.00	1/4/2012	NE	29.56	NA	NA	NA	414.44		*
2Q12	444.00	4/3/2012	NE	30.65	NA	NA	NA	413.35		*
3Q12	444.00	7/2/2012	NE	31.14	NA	NA	NA	412.86		*
4Q12	444.00	10/2/2012	NE	32.62	NA	NA	NA	411.38		
1Q13	444.00	1/2/2013	NE	33.96	NA	NA	NA	410.04		
2Q13	444.00	4/2/2013	NE	34.98	NA	NA	NA	409.02		
T-22										
3Q10	442.21	7/1/2010	NE	31.11	NA	NA	NA	411.10	410.66 - 384.96 (31.55 - 57.25)	*
4Q10	442.21	10/1/2010	NE	30.12	NA	NA	NA	412.09		*
1Q11	442.21	1/13/2011	NE	31.04	NA	NA	NA	411.17		*
2Q11	442.21	4/1/2011	NE	30.96	NA	NA	NA	411.25		*
3Q11	442.21	7/5/2011	NE	29.00	NA	NA	NA	413.21		*
	442.21	9/19/2011	NE	29.26	NA	NA	NA	412.95		*
4Q11	442.21	10/5/2011	NE	29.51	NA	NA	NA	412.70		*
1Q12	442.21	1/4/2012	NE	30.91	NA	NA	NA	411.30		*
2Q12	442.21	4/3/2012	NE	32.34	NA	NA	NA	409.87		
3Q12	442.21	7/2/2012	NE	32.81	NA	NA	NA	409.40		
4Q12	442.21	10/2/2012	NE	34.45	NA	NA	NA	407.76		
1Q13	442.21	1/2/2013	NE	35.62	NA	NA	NA	406.59		
2Q13	442.21	4/2/2013	NE	36.44	NA	NA	NA	405.77		
T-23										
3Q10	432.64	7/1/2010	NE	23.35	NA	NA	NA	409.29	405.41 - 379.41 (27.23 - 53.23)	*
4Q10	432.64	10/1/2010	NE	22.41	NA	NA	NA	410.23		*
1Q11	432.64	1/13/2011	NE	23.83	NA	NA	NA	408.81		*
2Q11	432.64	4/1/2011	NE	23.40	NA	NA	NA	409.24		*
3Q11	432.64	7/5/2011	NE	21.22	NA	NA	NA	411.42		*
	432.64	9/19/2011	NE	27.83	NA	NA	NA	404.81		
4Q11	432.64	10/5/2011	NE	22.21	NA	NA	NA	410.43		*
1Q12	432.64	1/3/2012	NE	23.75	NA	NA	NA	408.89		*
2Q12	432.64	4/2/2012	NE	25.10	NA	NA	NA	407.54		*
3Q12	432.64	7/2/2012	NE	25.60	NA	NA	NA	407.04		*
4Q12	432.64	10/2/2012	NE	27.37	NA	NA	NA	405.27		
1Q13	432.64	1/3/2013	NE	28.35	NA	NA	NA	404.29		
2Q13	432.64	4/2/2013	NE	29.04	NA	NA	NA	403.60		
T-24										
3Q10	443.72	7/1/2010	40.36	40.68	403.04	403.36	0.32	403.29	402.22 - 376.57 (41.50 - 67.15)	*
4Q10	443.72	11/11/2010	39.07	39.38	404.34	404.65	0.31	404.59		*
1Q11	443.72	1/13/2011	38.60	38.92	404.80	405.12	0.32	405.05		*
2Q11	443.72	4/25/2011	NE	39.98	NA	NA	NA	403.74		*
3Q11	443.72	7/5/2011	NE	37.53	NA	NA	NA	406.19		*
	443.72	9/19/2011	NE	35.08	NA	NA	NA	408.64		*
4Q11	443.72	10/6/2011	NE	37.29	NA	NA	NA	406.43		*
1Q12	443.72	1/3/2012	NE	38.36	NA	NA	NA	405.36		*
2Q12	443.72	4/3/2012	NE	40.56	NA	NA	NA	403.16		*
3Q12	443.72	7/3/2012	NE	40.45	NA	NA	NA	403.27		*
4Q12	443.72	10/1/2012	42.02	44.87	398.85	401.70	2.85	401.13		
1Q13	443.72	1/4/2013	NE	43.20	NA	NA	NA	400.52		
2Q13	443.72	4/2/2013	44.58	44.64	399.08	399.14	0.06	399.13		

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
T-28										
3Q10	444.22	7/1/2010	NM	NM	NA	NA	NA	NA		
4Q10	444.22	10/1/2010	NE	37.65	NA	NA	NA	406.57		
1Q11	444.22	1/13/2011	NE	36.53	NA	NA	NA	407.69		
2Q11	444.22	4/1/2011	NE	37.18	NA	NA	NA	407.04		
3Q11	444.22	7/5/2011	NE	34.89	NA	NA	NA	409.33		
	444.22	9/19/2011	NE	35.75	NA	NA	NA	408.47		
4Q11	444.22	10/6/2011	NE	35.98	NA	NA	NA	408.24	Unknown	
1Q12	444.22	1/3/2012	NE	36.98	NA	NA	NA	407.24		
2Q12	444.22	4/2/2012	NE	38.68	NA	NA	NA	405.54		
3Q12	444.22	7/2/2012	NE	39.28	NA	NA	NA	404.94		
4Q12	444.22	10/1/2012	NE	40.88	NA	NA	NA	403.34		
1Q13	444.22	1/3/2013	NE	42.56	NA	NA	NA	401.66		
2Q13	444.22	4/2/2013	NE	43.42	NA	NA	NA	400.80		
T-38										
3Q10	445.62	7/1/2010	NE	37.00	NA	NA	NA	408.62		*
4Q10	445.62	10/1/2010	NE	35.45	NA	NA	NA	410.17		*
1Q11	445.62	1/1/2011	NE	35.38	NA	NA	NA	410.24		*
2Q11	445.62	NA	NM	NM	NA	NA	NA	NA		
3Q11	445.62	7/5/2011	NM	NM	NA	NA	NA	NA		
4Q11	445.62	10/6/2011	NE	34.38	NA	NA	NA	411.24	396.48 - 376.48	*
1Q12	445.62	1/3/2012	NE	35.40	NA	NA	NA	410.22	(49.14 - 69.14)	*
2Q12	445.62	4/2/2012	NE	36.25	NA	NA	NA	409.37		*
3Q12	445.62	7/3/2012	NE	37.00	NA	NA	NA	408.62		*
4Q12	445.62	10/1/2012	NE	38.61	NA	NA	NA	407.01		*
1Q13	445.62	1/3/2013	NE	40.06	NA	NA	NA	405.56		*
2Q13	445.62	4/1/2013	NM	NM	NA	NA	NA	NA		
T-62										
3Q10	431.73	7/1/2010	NE	23.99	NA	NA	NA	407.74		
4Q10	431.73	11/11/2010	NE	23.49	NA	NA	NA	408.24		
1Q11	431.73	1/13/2011	NE	25.48	NA	NA	NA	406.25		
2Q11	431.73	4/25/2011	NE	25.33	NA	NA	NA	406.40		
3Q11	431.73	7/5/2011	NE	22.37	NA	NA	NA	409.36		
	431.73	9/19/2011	NE	23.12	NA	NA	NA	408.61		
4Q11	431.73	10/5/2011	NE	23.46	NA	NA	NA	408.27	412.02 - 382.02	
1Q12	431.73	1/3/2012	NE	25.62	NA	NA	NA	406.11	(19.71 - 49.71)	
2Q12	431.73	4/2/2012	NE	27.08	NA	NA	NA	404.65		
3Q12	431.73	7/3/2012	NE	27.20	NA	NA	NA	404.53		
4Q12	431.73	10/2/2012	NE	29.28	NA	NA	NA	402.45		
1Q13	431.73	1/7/2013	NE	30.39	NA	NA	NA	401.34		
2Q13	431.73	4/2/2013	NE	30.80	NA	NA	NA	400.93		
T-63										
3Q10	431.24	7/1/2010	NE	23.23	NA	NA	NA	408.01		
4Q10	431.24	11/11/2010	NE	23.03	NA	NA	NA	408.21		
1Q11	431.24	1/13/2011	NE	25.45	NA	NA	NA	405.79		
2Q11	431.24	4/25/2011	NE	NM	NA	NA	NA	NA		
3Q11	431.24	7/5/2011	NE	NM	NA	NA	NA	NA		
	431.24	9/19/2011	NE	22.88	NA	NA	NA	408.36		
4Q11	431.24	10/5/2011	NE	23.28	NA	NA	NA	407.96	411.26 - 381.26	
1Q12	431.24	1/3/2012	NE	25.60	NA	NA	NA	405.64	(19.98 - 49.98)	
2Q12	431.24	4/2/2012	NE	NM	NA	NA	NA	NA		
3Q12	431.24	7/3/2012	NE	27.08	NA	NA	NA	404.16		
4Q12	431.24	10/2/2012	NE	29.19	NA	NA	NA	402.05		
1Q13	431.24	1/7/2013	NE	30.45	NA	NA	NA	400.79		
2Q13	431.24	4/2/2013	NE	30.61	NA	NA	NA	400.63		
T-64										
3Q10	428.80	7/1/2010	NE	20.46	NA	NA	NA	408.34		
4Q10	428.80	11/11/2010	NE	20.76	NA	NA	NA	408.04		
1Q11	428.80	1/13/2011	NE	23.84	NA	NA	NA	404.96		
2Q11	428.80	NA	NM	NM	NA	NA	NA	NA		
3Q11	428.80	7/5/2011	NE	19.06	NA	NA	NA	409.74		*
	428.80	9/19/2011	NE	21.86	NA	NA	NA	406.94		
4Q11	428.80	10/5/2011	NE	21.36	NA	NA	NA	407.44	408.99 - 378.99	
1Q12	428.80	1/3/2012	NE	23.86	NA	NA	NA	404.94	(19.81 - 49.81)	
2Q12	428.80	4/2/2012	NE	25.10	NA	NA	NA	403.70		
3Q12	428.80	7/3/2012	NE	25.24	NA	NA	NA	403.56		
4Q12	428.80	10/2/2012	NE	27.44	NA	NA	NA	401.36		
1Q13	428.80	1/7/2013	NE	28.89	NA	NA	NA	399.91		
2Q13	428.80	4/2/2013	NE	28.63	NA	NA	NA	400.17		
PZ-1-101										
4Q11	445.52	10/5/2011	NE	37.83	NA	NA	NA	407.69		*
1Q12	445.52	1/3/2012	NE	39.73	NA	NA	NA	405.79		*
2Q12	445.52	4/4/2012	NE	41.14	NA	NA	NA	404.38		*
3Q12	445.52	7/2/2012	NE	41.28	NA	NA	NA	404.24	354.52 - 344.52	*
4Q12	445.52	10/1/2012	NE	42.95	NA	NA	NA	402.57	(91.00 - 101.00)	*
1Q13	445.52	1/3/2013	NE	44.21	NA	NA	NA	401.31		*
2Q13	445.52	4/1/2013	NE	45.04	NA	NA	NA	400.48		*

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 1
CUMULATIVE GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	COMMENTS
PZ-1-85										
4Q11	445.50	10/5/2011	NE	37.85	NA	NA	NA	407.65	369.70 - 359.70 (75.80 - 85.80)	*
1Q12	445.50	1/3/2012	NE	39.80	NA	NA	NA	405.70		*
2Q12	445.50	4/4/2012	NE	41.05	NA	NA	NA	404.45		*
3Q12	445.50	7/2/2012	NE	41.35	NA	NA	NA	404.15		*
4Q12	445.50	10/1/2012	NE	43.06	NA	NA	NA	402.44		*
1Q13	445.50	1/3/2013	NE	44.35	NA	NA	NA	401.15		*
2Q13	445.50	4/1/2013	NE	45.12	NA	NA	NA	400.38		*
PZ-2-70.5										
4Q11	443.15	10/5/2011	NE	35.74	NA	NA	NA	407.41	382.65 - 372.65 (60.50 - 70.50)	*
1Q12	443.15	1/3/2012	NE	38.14	NA	NA	NA	405.01		*
2Q12	443.15	4/4/2012	NE	39.43	NA	NA	NA	403.72		*
3Q12	443.15	7/2/2012	NE	39.57	NA	NA	NA	403.58		*
4Q12	443.15	10/1/2012	NE	41.32	NA	NA	NA	401.83		*
1Q13	443.15	1/3/2013	NE	42.40	NA	NA	NA	400.75		*
2Q13	443.15	4/1/2013	NE	43.03	NA	NA	NA	400.12		*
PZ-2-84										
4Q11	443.12	10/5/2011	NE	35.71	NA	NA	NA	407.41	371.12 - 359.12 (72.00 - 84.00)	*
1Q12	443.12	1/3/2012	NE	38.05	NA	NA	NA	405.07		*
2Q12	443.12	4/4/2012	NE	39.37	NA	NA	NA	403.75		*
3Q12	443.12	7/2/2012	NE	39.48	NA	NA	NA	403.64		*
4Q12	443.12	10/1/2012	NE	41.21	NA	NA	NA	401.91		*
1Q13	443.12	1/3/2013	NE	42.32	NA	NA	NA	400.80		*
2Q13	443.12	4/1/2013	NE	42.95	NA	NA	NA	400.17		*

NOTES:
1) Elevations presented in this table are relative to the 1988 USGS datum.
2) The Corrected W.L. Elevations presented in this table were corrected by a specific gravity of 0.80 for the wells in which LNAPL was identified.
3) NA = Not Applicable; NE = Not Encountered; NM = Not Measured
4) * Indicates that the LNAPL and/or water level is above the top of the screened zone of the well.
5) Table includes comprehensive groundwater monitoring well gauging data from the combined Village of Roxana Interim Groundwater Monitoring Program and the WRB Refining LP Wood River Refinery Program.

TABLE 2
SOIL VMP DEPTHS

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

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2										Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-1	5 ft	08/25/10	51.9%	0.0%		67.0%	2.1%	0.0	0.0	2.0	0.0	0.0	14.2	0.2	4.0	1.2	19.6	N/A
		11/17/10	52.8%	2.3%		58.0%	5.7%	0.2	0.6	5.0	0.0	0.0	19.4	0.1	2.0	1.3	20.1	N/A
		02/04/11	51.2%	0.0%	N/A	60.8%	2.7%	275	66.0	0.0	0.0	11.0	2.6	2.2	44.0	9.1	2.2	N/A
		04/12/11	62.0%	0.0%	N/A	74.5%	2.5%	0.0	1.0	0.0	0.0	0.0	17.9	0.0	0.0	1.9	18.1	N/A
		08/01/11	53.9%	0.0%	N/A	59.5%	0.0%	132	8.8	0.1	2.0	0.0	9.2	0.1	0.0	8.9	12.0	N/A
		11/03/11	50.3%	0.0%	N/A	52.7%	0.0%	27400	216.5	0.0	0.0	42.0	6.5	43.1	OVR	11.6	0.4	N/A
		01/30/12	53.5%	0.0%	N/A	70.1%	0.0%	16460	168	4.0	0.0	24.0	7.4	37.3	OVR	11.8	0.8	N/A
		04/13/12	59.9%	0.0%	N/A	74.1%	0.2%	0.0	1.01	NM	NM	NM	NM	0.0	0.0	2.4	18.9	N/A
		07/16/12	51.7%	0.0%	N/A	53.4%	2.4%	9.7	1.2	NM	NM	NM	NM	0.0	0.0	2.2	20.1	N/A
		10/11/12	57.4%	0.0%	N/A	55.9%	0.0%	2.0	1.0	NM	NM	NM	NM	0.0	0.0	0.4	19.7	N/A
		01/21/13	50.0%	0.0%	N/A	54.0%	0.5%	93.70	4.8	NM	NM	NM	NM	0.0	0.0	0.3	20.6	N/A
		01/23/13[16]	N/A	N/A	N/A	N/A	N/A	35300	77.25	NM	NM	NM	NM	21.4	OVR	3.6	15.7	N/A
		5/8/2013	51.0%	0.0%	N/A	53.4%	0.1%	1.11	0.7	NM	NM	NM	NM	0.0	0.0	0.7	18.4	N/A
	8.5ft	08/25/10	50.1%	3.3%		50.2%	4.3%	3561	2.6	0.0	0.0	2.0	0.0	0.3	6.0	7.0	9.0	N/A
		11/17/10	68.9%	3.2%		77.4%	1.3%	8.6	2.5	0.0	0.0	0.0	7.9	0.1	2.0	7.1	8.4	N/A
		02/04/11	57.3%	0.0%	N/A	54.5%	0.0%	720	101	23.0	0.0	20.0	0.6	7.0	OVR	11.1	0.5	N/A
		04/12/11	56.0%	0.0%	N/A	87.0%	0.0%	0.0	1.6	0.0	0.0	0.0	7.8	0.0	0.0	5.3	8.3	N/A
		08/01/11	53.2%	0.0%	N/A	59.8%	0.0%	51600	114.9	7.0	1.0	90.0	21.6	29.7	OVR	13.1	0.4	N/A
		11/03/11	52.9%	0.0%	N/A	53.5%	0.0%	42200	206.6	0.0	0.0	60.0	4.8	OVR	OVR	12.1	0.4	N/A
		01/30/12	69.2%	0.0%	4.2%	52.5%	0.0%	17840	195.7	2.0	0.0	30.0	5.5	43.7	OVR	11.9	0.6	N/A
		04/16/12	62.1%	0.0%	N/A	52.6%	0.2%	0.0	0.5	NM	NM	NM	NM	0.0	0.0	4.2	17.1	N/A
		07/16/12	53.0%	0.0%	N/A	55.0%	0.1%	3.7	1.4	NM	NM	NM	NM	0.3	0.0	3.8	16.7	N/A
		10/11/12	55.2%	0.0%	N/A	46.3%	0.0%	2.0	0.8	NM	NM	NM	NM	0.0	0.0	1.7	18.2	N/A
		01/21/13	62.0%	0.3%	9.2%	51.0%	0.2%	26600	105	NM	NM	NM	NM	31.9	OVR	0.9	18.9	N/A
		01/23/13[16]	N/A	N/A	N/A	N/A	N/A	1225	18.28	NM	NM	NM	NM	0.4	8	3.8	16.2	N/A
		05/08/13	52.1%	0.0%	N/A	53.1%	0.2%	0.82	0.7	NM	NM	NM	NM	0.0	0.0	1.4	18.9	N/A
	23.5 ft	08/30/10	50.8%	2.3%		47.3%	3.1%	1990000	0.0	190	7.0	OVR	0.0	0.0	OVR	7.8	0.2	N/A
		11/18/10	59.2%	0.1%		65.4%	4.3%	38.7	0.5	0.0	0.0	0.0	16.4	0.2	4.0	2.9	17.1	N/A
		02/04/11	50.2%	0.0%	N/A	40.2%	0.0%	1260000	69.5	45.0	3.0	OVR	0.5	OVR	OVR	8.6	0.4	N/A
		04/12/11	52.0%	0.0%	N/A	62.0%	0.0%	42500	78.3	8.0	1.0	34.0	0.5	22.1	OVR	10.0	1.0	N/A
		08/01/11	54.7%	2.4%	OVR	59.5%	2.7%	442000	196.6	35.0	6.0	100	21.7	OVR	OVR	8.7	0.3	N/A
		11/03/11	62.6%	1.3%	OVR	50.1%	1.5%		144.1	0.0	1.0	OVR	4.8	OVR	OVR	10.6	0.3	N/A
		01/31/12	56.8%	1.4%	OVR	60.2%	1.4%	100000	107.0	0.0	2.0	OVR	4.0	OVR	OVR	11.4	0.3	N/A
		04/16/12	57.2%	0.0%	N/A	76.2%	0.0%	2340	79.4	NM	NM	NM	NM	2.1	43.0	10.8	2.5	N/A
		07/16/12	53.2%	1.3%	OVR	55.6%	1.4%	95000	49.0	NM	NM	NM	NM	OVR	OVR	8.2	4.1	N/A
		10/24/12[9]	50.0%	1.8%	N/A	49.3%	2.9%	187000	36.67	NM	NM	NM	NM	OVR	OVR	4.0	12.7	N/A
		01/21/13[17]	52.0%	2.1%	0.5%	48.8%	2.8%	965	9.5	NM	NM	NM	NM	0.1	2	5.1	12.2	N/A
		01/23/13[16]	N/A	N/A	N/A	N/A	N/A	180000	79.8	NM	NM	NM	NM	OVR	OVR	8.4	5.7	N/A
		05/08/13	61.0%	0.0%	N/A	68.4%	0.2%	524	22.2	NM	NM	NM	NM	0.1	3	4.3	12.6	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2											Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-2	38.5 ft	08/30/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/17/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/04/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/12/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		08/01/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/03/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/27/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/16/12 [10]	56.8%	2.9%	N/A	50.8%	11.1%	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		07/31/12	63.1%	0.0%	N/A	54.7%	0.4%	3.5	1.3	NM	NM	NM	NM	0.0	0.0	1.8	14.0	N/A
		10/26/12	54.2%	1.0%	49.8	46.1%	2.5%	24700	100	NM	NM	NM	NM	40.4	OVR	0.9	19.5	N/A
		01/21/13[17]	52.0%	2.9%	0.0%	57.80%	2.9%	32.9	3.1	NM	NM	NM	NM	0.0	0.0	0.1	20.0	N/A
		01/23/13[16]	N/A	N/A	N/A	N/A	N/A	110000	71.45	NM	NM	NM	NM	OVR	OVR	3.5	14.2	N/A
		05/09/13	57.5%	11.7%	OVR	59.5%	19.9%	1000000	44.33	NM	NM	NM	NM	OVR	OVR	0.8	15.3	N/A
	5 ft	08/31/10	50.3%	0.0%		48.8%	0.5%	42780	98.9	24.0	1.0	35.0	0.0	63.9	OVR	11.4	0.2	N/A
		11/16/10	53.4%	0.1%		57.6%	0.1%	7729	231	10.0	0.0	OVR	0.3	OVR	OVR	12.1	1.0	N/A
		02/04/11	53.6%	0.0%	7.6%	56.8%	0.0%	1862	155	1.0	0.0	48.0	0.7	12.6	OVR	12.8	0.4	N/A
		04/13/11	52.3%	0.0%	N/A	54.0%	0.1%	353	0.4	0.0	0.0	0.0	15.2	0.0	0.0	4.0	16.3	N/A
		08/02/11	51.0%	0.0%	N/A	62.4%	0.0%	70700	397.4	57.0	2.0	17.0	0.0	99.9	OVR	11.7	0.4	N/A
		11/04/11	58.5%	0.0%	N/A	51.6%	0.0%		0.0	0.0	0.0	0.0	18.0	0.0	0.0	6.4	9.6	N/A
		01/25/12	65.2%	0.0%	N/A	62.9%	0.0%	2720	84.3	0.0	0.0	10.0	5.4	0.0	0.0	12.7	2.0	N/A
		4/25/12[9]	67.6%	0.0%	N/A	58.5%	0.1%	0.0	4.6	NM	NM	NM	NM	0.0	0.0	6.7	11.7	N/A
		07/16/12	53.1%	0.0%	N/A	66.7%	0.2%	5.8	1.2	NM	NM	NM	NM	0.1	0.0	1.3	20.1	N/A
		10/24/12[9]	52.5%	0.0%	N/A	50.6%	0.5%	2.0	1.0	NM	NM	NM	NM	0.0	0.0	0.3	20.2	N/A
		01/31/13	51.6%	0.0%	N/A	37.0%	1.2%	1.81	0.3	NM	NM	NM	NM	0.0	0.0	0.3	20.5	N/A
		05/06/13	53.3%	0.0%	N/A	52.3%	3.1%	0.39	0.3	NM	NM	NM	NM	0.0	0.0	0.2	20.1	N/A
	8.5 ft	08/31/10	59.3%	0.7%		46.7%	1.3%	1440000	48.8	48.0	2.0	OVR	0.0	99.9	OVR	0.1	0.0	N/A
		11/16/10	63.2%	0.0%		55.0%	0.2%	11900	180	28.0	0.0	OVR	0.6	OVR	OVR	11.4	0.8	N/A
		02/04/11	51.0%	0.0%	17.7%	64.0%	0.0%	4189	137	0.0	0.0	OVR	0.4	20.7	OVR	12.3	0.2	N/A
		04/13/11	53.2%	0.0%	N/A	61.0%	0.0%	42750	74.1	0.0	0.0	0.0	0.0	0.2	4.0	11.6	1.8	N/A
		08/02/11	53.1%	1.0%	>>>	53.8%	0.8%	148000	279.9	22.0	2.0	OVR	0.0	OVR	OVR	10.5	1.3	N/A
		11/04/11	54.1%	0.0%	N/A	52.4%	0.0%		23.9	0.0	0.0	0.0	12.2	0.0	0.0	11.0	3.1	N/A
		01/26/12	63.0%	0.0%	N/A	63.5%	0.0%	17000	136.5	0.0	0.0	9.0	15.3	0.0	0.0	12.6	0.9	N/A
		04/16/12	55.0%	0.0%	N/A	54.6%	0.6%	0.0	0.5	NM	NM	NM	NM	0.0	0.0	2.1	18.1	N/A
		07/16/12	50.5%	0.0%	N/A	63.2%	0.1%	4.7	1.5	NM	NM	NM	NM	0.0	0.0	5.9	16.0	N/A
		10/23/12	64.6%	0.0%	N/A	54.5%	0.1%	1.0	0.4	NM	NM	NM	NM	0.0	0.0	0.9	19.9	N/A
		02/05/13[9]	52.3%	0.0%	N/A	53.2%	0.0%	1.23	0.3	NM	NM	NM	NM	0.0	0.0	0.8	19.3	N/A
		05/06/13	65.5%	0.0%	N/A	55.8%	0.2%	0.22	0.2	NM	NM	NM	NM	0.0	0.0	0.9	19.0	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2										Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
[illegible]	22 ft	08/31/10	59.7%	2.5%		53.9%	2.5%	1160000	62.0	0.0	2.0	OVR	0.0	99.9	OVR	0.0	0.0	N/A
		11/16/10	52.8%	2.1%		51.0%	1.9%	13400	176	30.0	1.0	OVR	0.5	OVR	OVR	10.8	1.1	N/A
		02/04/11	52.4%	0.0%	34.7%	64.0%	0.0%	4189	137	0.0	0.0	OVR	0.4	39.9	OVR	12.3	0.4	N/A
		04/13/11	52.0%	0.0%	N/A	70.0%	0.5%	57210	94.0	0.0	0.0	77.0	0.0	18.9	OVR	10.8	0.3	N/A
		08/02/11	55.6%	1.0%	OVR	51.8%	1.4%	216000	211.4	59.0	2.0	OVR	0.0	OVR	OVR	9.9	0.7	N/A
		11/04/11	53.4%	0.0%	N/A	53.8%	0.0%		136.6	62.0	2.0	75.0	1.0	23.8	OVR	11.9	0.3	N/A
		01/25/12	54.2%	0.0%	N/A	76.2%	0.0%	38800	118.7	0.0	0.0	54.0	4.6	14.1	OVR	12.1	0.5	N/A
		04/27/12	52.4%	0.0%	N/A	63.1%	0.0%	1.0	0.8	NM	NM	NM	NM	0.0	0.0	6.5	15.1	NS
		07/16/12	51.0%	0.0%	N/A	62.1%	0.1%	8.3	1.6	NM	NM	NM	NM	1.0	0.0	5.7	14.7	N/A
		10/23/12	61.5%	0.0%	N/A	59.8%	0.1%	1.0	0.5	NM	NM	NM	NM	0.0	0.0	3.9	17.6	N/A
		01/31/13	57.2%	0.0%	N/A	50.7%	0.0%	1.14	0.2	NM	NM	NM	NM	0.0	0.0	2.4	18.8	N/A
		05/06/13	65.1%	0.0%	N/A	49.4%	0.1%	0.91	0.6	NM	NM	NM	NM	0.0	0.0	1.5	19.2	N/A
	42 ft	08/31/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/16/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/04/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/13/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		08/02/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/04/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/26/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/11/2012 [13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/16/12 [13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/24/12[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/31/13	56.2%	5.0%	OVR	46.1%	5.2%	400000	58.77	NM	NM	NM	NM	OVR	OVR	5.9	6.4	N/A
		05/06/13	53.3%	3.5%	OVR	72.2%	4.7%	645000	47.64	NM	NM	NM	NM	OVR	OVR	5.4	1.2	N/A
	5 ft	09/09/10	52.6%	2.8%		51.7%	5.6%	2280000	137	104	4.0	OVR	0.0	OVR	OVR	12.3	0.0	10.5%
		11/22/10	51.9%	4.1%		62.9%	7.1%	1.9	200	321	5.0	OVR	3.4	OVR	OVR	9.0	3.2	8.6%
		02/09/11	67.1%	1.1%	N/A	68.5%	11.0%	3370	134	35.0	0.0	19.0	2.3	73.4	OVR	4.9	3.0	25.0%
		04/14/11	57.8%	3.8%	OVR	56.1%	5.1%	2850000	180	15.7	13.0	18.1	0.0	OVR	OVR	9.4	1.5	N/A
		08/02/11	55.0%	0.0%	N/A	52.6%	0.0%	36.52	8.9	0.0	1.0	0.0	22.3	0.1	0.0	0.3	22.09	N/A
		11/04/11	55.2%	0.0%	N/A	54.9%	0.3%	0.0	0.4	0.0	0.0	0.0	16.6	0.0	0.0	3.3	16.4	N/A
		01/27/12	52.5%	0.0%	N/A	72.5%	0.0%	2350	38.6	0.0	0.0	6.0	13.7	3.5	70.0	2.2	13.6	N/A
		04/19/12	68.4%	0.0%	N/A	58.0%	0.0%	0.0	0.5	NM	NM	NM	NM	0.0	0.0	1.0	18.9	N/A
		7/27/12 [9]	54.3%	0.0%	N/A	64.6%	4.6%	8.3	0.5	NM	NM	NM	NM	0.0	0.0	0.5	18.2	N/A
		10/24/12[10]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/07/13[10]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		06/04/13	53.1%	0.0%	N/A	42.0%	0.0%	2.16	1.3	NM	NM	NM	NM	0.0	0.0	0.6	17.4	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2										Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-3	10 ft	06/21/10	48.1%	0.0%		18.5%	0.2%		109.0	237	0.0	OVR	0.9			OVR		N/A
		09/10/10	59.1%	10.3%		58.0%	9.2%	OVR	10.9	511	15.0	OVR	0.0	OVR	OVR	9.7	0.0	10.1%
		09/20/10	51.1%	6.7%		44.3%	2.5%	OVR	142	0.0	10.0	OVR	0.3	OVR	OVR	9.0	1.3	8.1%
		11/22/10	57.0%	8.1%		61.3%	8.5%	78600	160	425	3.0	OVR	0.6	OVR	OVR	8.6	0.9	8.1%
		02/08/11	50.3%	0.0%	N/A	52.1%	0.0%	2700000	159	2.0	0.0	OVR	0.5	OVR	OVR	8.8	0.1	N/A
		04/13/11	52.0%	4.7%	OVR	73.0%	6.0%	5130000	119	300	9.0	OVR	0.0	OVR	OVR	7.3	0.7	N/A
		08/02/11	62.4%	0.0%	N/A	42.6%	0.0%	16900	164.2	7.0	1.0	14	0.0	3.5	73.0	15.8	0.8	N/A
		11/04/11	52.6%	0.0%	N/A	52.9%	0.0%	68.0	5.8	0.0	0.0	0.0	5.1	0.0	0.0	5.8	5.5	N/A
		01/27/12	55.4%	0.0%	N/A	65.2%	0.0%	385	17.4	0.0	0.0	0.0	10.3	0.2	4.0	3.6	10.7	N/A
		04/19/12	60.5%	0.0%	N/A	66.0%	0.0%	0.0	0.6	NM	NM	NM	NM	0.0	0.0	1.9	18.1	N/A
		07/23/12	53.7%	0.0%	N/A	41.2%	0.0%	11.0	1.7	N/A	N/A	N/A	N/A	0.0	0.0	1.9	19.0	N/A
		10/18/12	47.5%	0.0%	N/A	36.7%	0.0%	7.0	1.0	NM	NM	NM	NM	0.0	0.0	0.7	20.1	N/A
		02/06/13	68.4%	0.0%	N/A	59.1%	0.3%	1.30	0.2	NM	NM	NM	NM	0.0	0.0	0.5	20.8	N/A
		06/04/13	51.6%	0.0%	N/A	50.1%	0.1%	2.77	1.7	NM	NM	NM	NM	0.0	0.0	1.7	18.4	N/A
	22 ft	09/20/10	51.2%	4.6%		51.0%	4.6%	OVR	51.2	0.0	39.0	OVR	0.7	OVR	OVR	8.8	6.7	5.1%
		11/22/10	51.2%	9.5%		59.6%	10.1%	129200	153.0	691	17.0	OVR	0.5	OVR	OVR	7.8	1.0	9.8%
		02/08/11	51.2%	0.0%	N/A	40.5%	0.0%	5960000	145.0	244	15.0	OVR	0.4	OVR	OVR	8.2	0.4	N/A
		04/15/11	71.2%	7.0%	OVR	55.0%	8.1%	OVR	153.0	406	20.0	OVR	0.0	OVR	OVR	8.2	2.7	N/A
		08/06/11	72.2%	0.0%	N/A	59.9%	0.4%	10400	39.7	6.0	0.0	19.0	13.0	2.2	42.0	2.6	13.0	N/A
		11/04/11	53.2%	0.0%	N/A	53.8%	0.0%	76.0	3.7	0.0	0.0	0.0	18.2	0.0	0.0	1.8	18.2	N/A
		01/30/12	51.3%	0.0%	N/A	71.8%	0.0%	66.0	5.1	0.0	0.0	0.0	18.7	0.0	0.0	7.5	10.1	N/A
		04/19/12	64.2%	0.0%	N/A	61.0%	0.0%	20.1	0.6	NM	NM	NM	NM	0.0	0.0	1.3	20.7	N/A
		07/23/12	53.7%	0.0%	N/A	44.8%	0.0%	7.9	1.3	N/A	N/A	N/A	N/A	0.0	0.0	0.9	19.7	N/A
		10/18/12	49.9%	0.0%	N/A	35.0%	0.0%	2.0	0.4	NM	NM	NM	NM	0.0	0.0	3.2	18.0	N/A
		02/06/13	51.4%	0.0%	N/A	54.4%	0.0%	2.63	0.3	NM	NM	NM	NM	0.2*	3*	2.9	18.6	N/A
		06/04/13	52.2%	0.0%	N/A	59.2%	0.4%	0.39	0.7	NM	NM	NM	NM	0.0	0.0	2.0	19.0	N/A
	31.5 ft	09/09/10	57.8%	18.2%		37.6%	17.0%	OVR	14.9	1033.0	9.0	OVR	0.0	OVR	OVR	4.6	0.0	17.7%
		11/22/10	51.2%	16.3%		62.4%	16.0%	OVR	232	OVR	12.0	OVR	0.4	OVR	OVR	4.7	0.9	15.4%
		02/09/11	59.3%	0.0%	N/A	48.3%	12.4%	OVR	93.8	144	0.0	OVR	0.5	OVR	OVR	8.0	0.0	N/A
		04/14/11	57.0%	6.1%	OVR	89.0%	12.1%	OVR	199	214	8.6	20.0	0.0	OVR	OVR	5.3	1.3	N/A
		08/02/11	70.5%	14.0%	OVR	26.7%	15.9%	OVR	239	1000	8.0	OVR	0.0	OVR	OVR	4.3	0.7	N/A
		11/04/11	50.3%	7.5%	OVR	60.5%	6.9%	OVR	230.9	961	5.0	100	2.1	OVR	OVR	5.4	2.5	N/A
		01/27/12	53.5%	2.0%	OVR	87.2%	4.0%	815000	128.6	0.0	0.0	OVR	5.0	OVR	OVR	6.6	3.6	N/A
		04/19/12	69.1%	6.7%	OVR	63.0%	6.9%	OVR	106	NM	NM	NM	NM	OVR	OVR	6.7	0.3	N/A
		07/23/12	50.1%	0.0%	N/A	45.2%	0.0%	171000	75.9	N/A	N/A	N/A	N/A	OVR	OVR	8.0	2.8	N/A
		10/19/12	63.2%	0.0%	N/A	56.4%	0.2%	2400	51	NM	NM	NM	NM	0.6	12	2.9	17.4	N/A
		02/07/13	41.2%	0.0%	OVR	53.5%	0.3%	29200	180	NM	NM	NM	NM	93.4	OVR	10.4	3.4	N/A
		06/04/13	51.4	0.0%	N/A	48.7%	0.1%	27700	150	NM	NM	NM	NM	56.9	OVR	9.4	0.5	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2											Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-4	39 ft	09/09/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/22/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/09/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/14/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		08/02/11	97.3%	86.2%	2.4%	92.1%	55.2%	0.0	2.2	2.0	0.0	3.0	0.0	0.7	25.0	0.0	1.8	N/A
		11/04/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/27/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/19/2012 [13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/23/12 [13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/19/12	52.6%	0.0%	N/A	52.8%	2.3%	684000	144	NM	NM	NM	NM	OVR	OVR	8.3	2.7	N/A
		02/12/13 [12]	57.2%	2.0%	N/A	55.2%	1.9%	185000	149	NM	NM	NM	NM	OVR	OVR	9.0	0.9	N/A
		06/04/13	51.7%	0.1%	N/A	45.2%	0.6%	30200	175	NM	NM	NM	NM	76.2	OVR	8.7	1.0	N/A
	5 ft	08/25/10	50.1%	0.0%		46.6%	2.3%	0.0	26.7	305	7.0	OVR	0.8	99.8	OVR	0.0	0.2	N/A
		11/22/10	52.9%	5.1%		50.5%	5.2%	27800	165	376	11.0	OVR	0.6	OVR	OVR	13.7	0.8	5.1%
		02/14/11	52.3%	0.0%	N/A	42.7%	13.1%	1045	406	20.0	2.0	28.0	7.9	21.6	OVR	5.9	7.8	11.2%
		04/19/11	76.8%	0.0%	N/A	54.0%	0.0%	26.0	304	16.0	34.0	OVR	0.2	OVR	OVR	11.3	3.3	N/A
		08/03/11	52.3%	0.0%	N/A	52.3%	0.0%	99.0	39.5	2.0	0.0	0.0	4.0	0.0	0.0	11.0	8.07	N/A
		11/09/11	71.0%	0.0%	N/A	55.6%	0.2%		0.3	0.0	0.0	0.0	20.9	0.0	0.0	0.1	21.5	N/A
		01/30/12	54.2%	0.0%	N/A	64.5%	0.1%	1200	255.4	0.0	0.0	0.0	14.2	1.3	26.0	10.1	0.4	N/A
		4/25/2012 [9]	61.2%	0.3%	N/A	58.9%	0.6%	0.0	2.2	NM	NM	NM	NM	0.0	0.0	0.5	20.4	N/A
		7/25/12 [9]	57.0%	0.0%	N/A	53.2%	0.5%	3.0	1.1	NM	NM	NM	NM	0.0	0.0	2.1	18.0	N/A
		10/18/12	61.4%	0.0%	N/A	41.3%	0.0%	1.0	0.5	NM	NM	NM	NM	0.0	0.0	0.9	20.1	N/A
		02/07/13	64.4%	0.0%	N/A	52.1%	0.2%	0.77	0.1	NM	NM	NM	NM	0.0	0.0	0.2	20.7	N/A
		05/09/13	58.5%	0.0%	N/A	62.1%	0.5%	0.94	0.3	NM	NM	NM	NM	0.0	0.0	0.2	20.4	N/A
	12 ft	08/25/10	57.4%	3.4%		54.0%	4.6%	0.0	77.8	452	25.0	OVR	0.0	99.8	OVR	13.5	0.2	N/A
		11/23/10	58.7%	3.3%		52.4%	3.0%	16900	112	40.0	0.0	OVR	0.7	OVR	OVR	13.6	1.4	2.5%
		02/14/11	50.4%	1.3%	OVR	44.8%	1.7%	6169	276	30.0	1.0	27.0	3.4	OVR	OVR	9.5	3.3	1.4%
		04/19/11	57.2%	2.5%	OVR	54.2%	4.7%	28.4	242	554	40.0	OVR	3.0	OVR	OVR	7.7	7.3	N/A
		08/03/11	71.2%	4.1%	OVR	48.9%	2.2%	113000	198	25.0	10.0	OVR	0.0	91.2	OVR	14.7	1.6	N/A
		11/09/11	63.5%	8.0%	2.2%	57.8%	3.0%		300.6	7.0	0.0	9.0	6.0	2.3	46.0	8.9	5.6	N/A
		01/30/12	56.0%	0.0%	N/A	67.7%	0.2%	8240	464.1	0.0	0.0	0.0	15.1	14.6	OVR	11.2	0.5	N/A
		04/13/12	56.4%	0.0%	N/A	60.3%	0.2%	4.0	0.75	NM	NM	NM	NM	0.0	0.0	2.6	17.5	N/A
		07/23/12	50.3%	0.8%	1.0%	67.7%	0.7%	4.9	1.3	NM	NM	NM	NM	0.0	0.0	2.7	16.3	N/A
		10/18/12	53.0%	0.0%	N/A	45.0%	0.5%	1.0	0.8	NM	NM	NM	NM	0.0	0.0	1.3	19.6	N/A
		02/07/13	60.1%	0.0%	N/A	63.6%	0.2%	3.46	0.3	NM	NM	NM	NM	0.1*	1*	0.9	20.6	N/A
		05/09/13	52.3%	0.0%	N/A	56.6%	0.2%	2.94	0.5	NM	NM	NM	NM	0.0	0.0	0.1	20.8	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2											Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
	23.5 ft	08/31/10	54.5%	12.7%		37.8%	14.3%	OVR	2.3	1006.0	70.0	OVR	0.0	OVR	OVR	5.7	0.7	12.7%
		11/23/10	59.9%	17.3%		62.2%	17.5%	150300	124	800	0.0	OVR	0.5	OVR	OVR	7.0	0.9	17.0%
		02/14/11	55.7%	15.1%	OVR	45.4%	14.6%	OVR	166	OVR	16.0	OVR	0.3	OVR	OVR	6.1	0.8	11.7%
		04/20/11	53.5%	3.8%	OVR	50.0%	6.7%	OVR	121	OVR	44.0	OVR	0.0	OVR	OVR	5.7	0.6	N/A
		08/06/11	56.0%	16.0%	OVR	61.6%	16.2%	OVR	238	OVR	11.0	100	0.1	OVR	OVR	5.1	0.4	N/A
		11/09/11	51.0%	4.5%	OVR	55.8%		OVR	309	280	34.0	OVR	1.6	OVR	OVR	6.7	1.6	N/A
		01/30/12	52.0%	2.2%	OVR	62.2%	2.3%	263000	202.4	4.0	5.0	OVR	6.2	OVR	OVR	7.9	0.8	N/A
		04/13/12	74.8%	0.0%	N/A	53.4%	0.1%	98300	560	NM	NM	NM	NM	OVR	OVR	10.8	0.8	N/A
		07/23/12	50.2%	0.0%	N/A	50.2%	0.0%	54500	305	NM	NM	NM	NM	OVR	OVR	11.8	0.2	N/A
		10/18/12	52.4%	0.0%	N/A	62.2%	0.0%	6890	618	NM	NM	NM	NM	20.6	OVR	8.9	12.7	N/A
		02/07/13	64.4%	0.0%	N/A	60.3%	0.0%	1750	145	NM	NM	NM	NM	2.5	51	6.7	15.6	N/A
		05/15/13	51.7%	0.0%	N/A	58.8%	0.2%	6000	760	NM	NM	NM	NM	0.7	16	1.0	20.0	N/A
	39 ft	08/31/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/23/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/14/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/21/11	54.8%	11.3%	OVR	62.4%	1.4%	OVR	119	OVR	50.0	OVR	0.2	OVR	OVR	4.9	0.6	N/A
		08/06/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/09/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/30/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/13/12	56.6%	0.0%	N/A	50.5%	0.1%	195000	471	NM	NM	NM	NM	OVR	OVR	10.4	0.4	N/A
		07/23/12	62.7%	0.0%	N/A	59.8%	0.0%	74000	230	NM	NM	NM	NM	OVR	OVR	12.2	0.4	N/A
		10/18/12	51.5%	0.4%	OVR	52.5%	0.0%	82000	468	NM	NM	NM	NM	OVR	OVR	7.7	12.5	N/A
		02/07/13	51.4%	0.0%	N/A	63.9%	0.1%	61400	538	NM	NM	NM	NM	OVR	OVR	9.1	13.2	N/A
		05/15/13	51.5%	0.0%	N/A	61.9%	0.7%	20700	795	NM	NM	NM	NM	0.6	52	0.7	20.2	N/A
	5 ft	09/09/10	63.6%	0.8%		61.5%	0.9%	79110	331	426	11.0	OVR	0.0	OVR	OVR	12.4	1.6	N/A
		11/22/10	55.8%	0.0%		36.0%	1.6%	11600	149	199	0.0	OVR	1.9	OVR	OVR	12.5	1.4	N/A
		02/16/11	65.3%	0.0%	N/A	58.1%	0.2%	2950	25.2	0.0	0.0	4.0	11.4	0.6	14.0	9.9	10.6	N/A
		04/21/11	54.2%	0.0%	N/A	56.4%	0.4%	0.0	0.3	0.0	0.0	0.0	18.5	0.0	0.0	7.5	19.0	N/A
		08/05/11	51.1%	0.0%	N/A	50.0%	0.0%	2760	74.8	7.0	0.0	6.0	1.2	0.8	17.0	15.3	1.0	N/A
		11/11/11	52.4%	0.0%	N/A	58.4%	0.0%	0.0	3.9	0.0	0.0	0.0	4.3	0.0	0.0	14.2	4.4	N/A
		01/30/12	50.5%	0.0%	N/A	39.8%	0.0%	4.0	0.7	10	0.0	0.0	11.6	0.0	0.0	8.4	11.4	N/A
		04/11/12	59.4%	0.0%	0.0%	60.2%	5.1%	1.0	1.3	NM	NM	NM	NM	0.0	0.0	0.4	19.7	N/A
		07/13/12	50.1%	0.0%	0.0%	61.4%	2.7%	4.0	0.5	NM	NM	NM	NM	0.0	0.0	0.4	20.1	N/A
		10/12/12[9]	53.1%	0.0%	N/A	40.2%	1.8%	2.0	0.9	NM	NM	NM	NM	0.0	0.0	0.2	20.7	N/A
		01/25/13	61.2%	0.0%	N/A	41.9%	0.5%	0.57	0.4	NM	NM	NM	NM	0.0	0.0	0.1	20.1	N/A
		04/29/13	52.7%	0.0%	N/A	61.9%	0.7%	0.39	0.3	NM	NM	NM	NM	0.0	0.0	0.0	20.2	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2											Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-5	12.5 ft	09/09/10	54.6%	0.9%		53.1%	0.6%	1590000	276.0	244	14.0	OVR	0.0	OVR	OVR	14.3	0.0	N/A
		11/23/10	53.3%	0.0%		50.6%	0.0%	205	79.9	4.0	0.0	55.0	4.4	1.5	32.0	13.2	3.6	N/A
		02/16/11	60.2%	0.0%	N/A	60.2%	0.0%	2750	111	21.0	0.0	22.0	0.7	11.0	44.0	13.1	0.7	N/A
		04/21/11	59.0%	0.0%	N/A	51.1%	0.0%	0.0	0.7	0.0	0.0	0.0	9.5	0.0	0.0	8.3	10.3	N/A
		08/05/11	51.5%	0.0%	N/A	64.5%	1.6%	315000	128.5	400	4.0	100	0.1	OVR	OVR	13.1	0.1	N/A
		11/11/11	53.0%	0.0%	N/A	56.5%	0.0%	0.0	1.0	0.0	0.0	0.0	3.5	0.0	0.0	14.7	3.8	N/A
		01/30/12	51.3%	0.0%	N/A	43.6%	0.0%	3.0	0.5	4.0	0.0	0.0	11.0	0.0	0.0	8.5	11.0	N/A
		04/11/12	53.7%	0.1%	0.0%	55.5%	0.3%	1.0	0.9	NM	NM	NM	NM	0.0	0.0	0.7	20.9	N/A
		07/12/12	70.7%	0.0%	N/A	50.0%	0.0%	5.0	1.3	N/A	N/A	N/A	N/A	0.0	0.0	0.7	19.4	N/A
		10/11/12	61.5%	0.8%	N/A	36.1%	1.2%	2.0	0.7	NM	NM	NM	NM	0.0	0.0	0.2	20.2	N/A
		01/24/13	47.4%	0.0%	N/A	51.8%	0.0%	0.87	0.2	NM	NM	NM	NM	0.0	0.0	0.2	21.1	N/A
		04/29/13	67.7%	0.2%	N/A	51.2%	0.4%	0.62	0.3	NM	NM	NM	NM	0.0	0.0	0.0	20.4	N/A
	31 ft	09/09/10	48.0%	9.2%		46.2%	10.2%	OVR	0.0	875	21.0	OVR	0.0	OVR	OVR	9.4	0.0	7.1%
		11/23/10	53.6%	9.6%		50.0%	9.0%	87100	148	1500	0.0	OVR	0.7	OVR	OVR	9.6	0.9	9.0%
		02/16/11	50.9%	0.0%	N/A	55.4%	7.7%	45000	226	OVR	9.0	OVR	0.9	OVR	OVR	8.7	0.7	8.2%
		04/21/11	53.0%	8.7%	OVR	70.0%	5.8%	OVR	204	600	18.0	OVR	0.0	OVR	OVR	8.9	0.4	N/A
		08/05/11	84.0%	3.8%	N/A	70.0%	9.0%	OVR	215.8	OVR	10.0	100	0.1	OVR	OVR	8.8	0.2	N/A
		11/11/11	52.0%	0.0%	N/A	58.8%	0.0%	350000	200.5	66.0	32.0	OVR	0.5	OVR	OVR	9.3	0.9	N/A
		01/30/12	52.7%	1.5%	N/A	43.1%	1.2%	129000	391.3	697	17.0	0.0	0.2	OVR	OVR	11.2	0.3	N/A
		04/11/12	60.8%	0.0%	0.0%	77.6%	0.0%	261	28.0	NM	NM	NM	NM	0.0	1.0	12.6	0.0	N/A
		07/12/12	55.1%	0.0%	N/A	30.0%	0.0%	14.8	3.3	N/A	N/A	N/A	N/A	0.0	0.0	6.9	13.9	N/A
		10/11/12	87.6%	0.0%	N/A	48.9%	0.2%	4.0	1.5	NM	NM	NM	NM	0.0	0.0	4.1	17.4	N/A
		01/24/13	44.9%	0.0%	N/A	40.0%	0.0%	6.45	0.6	NM	NM	NM	NM	0.0	0.0	4.0	18.0	N/A
		04/29/13	63.5%	0.8%	N/A	50.9%	0.7%	3.71	0.5	NM	NM	NM	NM	0.0	0.0	4.6	18.4	N/A
	40 ft	09/09/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/23/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/16/11	NS	NS	N/A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/21/11	56.5%	5.7%	OVR	51.0%	5.3%	OVR	229	632	18.0	OVR	0.0	OVR	OVR	8.8	0.2	N/A
		08/05/11	NS	NS	N/A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/11/11	NS	NS	N/A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/30/12	51.8%	1.2%	OVR	52.7%	1.3%	81220	313.9	609	24.0	0.0	0.1	OVR	OVR	11.4	0.2	N/A
		04/11/12	52.9%	0.0%	0.3%	83.4%	0.0%	863	59.5	NM	NM	NM	NM	0.3	7.0	12.9	0.2	N/A
		07/12/12	51.6%	0.0%	N/A	47.2%	0.0%	137	7.0	N/A	N/A	N/A	N/A	0.0	1.0	6.7	14.4	N/A
		10/11/12	66.8%	0.0%	N/A	40.0%	0.7%	22.0	2.2	NM	NM	NM	NM	0.0	0.0	4.4	17.6	N/A
		01/25/13	48.0%	0.0%	N/A	42.8%	0.0%	16.67	0.9	NM	NM	NM	NM	0.0	0.0	4.0	18.1	N/A
		04/29/13	63.0%	0.0%	N/A	51.0%	0.3%	6.36	0.8	NM	NM	NM	NM	0.0	0.0	1.8	19.6	N/A

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SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2										Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-6	5 ft	09/08/10	59.3%	0.0%		56.4%	0.1%	35760	327	76.0	3.0	27.0	0.0	12.8	OVR	15.3	0.0	N/A
		11/16/10	50.8%	0.0%		58.0%	0.8%	4426	606	53.0	4.0	OVR	0.4	65.1	OVR	15.2	1.5	N/A
		02/07/11	50.2%	0.5%	N/A	54.6%	2.0%	271	0.7	0.0	0.0	0.0	16.9	0.0	1.0	2.3	19.3	N/A
		04/08/11	54.0%	0.2%	0.2%	64.0%	0.5%	5.1	0.2	0.0	0.0	0.0	14.1	0.1	2.0	4.4	14.1	N/A
		08/04/11	68.1%	0.0%	N/A	57.4%	19.4%	21.0	0.7	1.0	0.0	0.0	13.4	0.0	0.0	3.9	13.8	N/A
		11/09/11	51.8%	0.1%	0.0%	59.5%	2.7%	0.0	0.0	0.0	0.0	0.0	16.2	0.0	0.0	3.6	16.9	N/A
		01/31/12	59.9%	0.0%	N/A	63.2%	0.0%	0.0	1.7	0.0	0.0	0.0	10.2	0.0	0.0	10.5	8.5	N/A
		4/12/2012[9]	54.6%	0.0%	N/A	61.5%	0.4%	1.8	0.6	NM	NM	NM	NM	0.0	0.0	0.6	20.7	N/A
		07/16/12	50.4%	0.0%	N/A	45.6%	0.4%	5.9	1.6	N/A	N/A	N/A	N/A	0.0	0.0	0.5	20.2	N/A
		10/10/12	54.6%	0.0%	N/A	51.7%	3.9%	1.0	0.9	NM	NM	NM	NM	0.0	0.0	0.1	19.4	N/A
		02/12/13[12]	55.2%	0.1%	N/A	47.5%	0.5%	4.91	0.6	NM	NM	NM	NM	0.1*	0.2*	0.1	21.0	N/A
		05/15/13[10]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10 ft	09/08/10	51.6%	0.5%		37.9%	0.7%	79370	356	138	6.0	50.0	0.0	38.3	OVR	14.8	0.0	N/A
		11/17/10	51.3%	0.0%		60.9%	0.9%	6.3	0.2	0.0	0.0	0.0	7.2	0.4	9.0	11.3	6.4	N/A
		02/07/11	51.2%	0.5%	N/A	45.3%	0.4%	98	0.6	0.0	0.0	0.0	7.9	0.1	1.0	10.0	8.6	N/A
		04/08/11	53.0%	0.0%	N/A	63.0%	0.0%	111	12.5	2.0	0.0	0.0	1.9	0.2	4.0	10.8	3.7	N/A
		08/04/11	50.1%	0.0%	N/A	53.8%	0.3%	34650	325.8	283	5.0	56.0	0.2	47.5	OVR	17.2	0.3	N/A
		11/09/11	54.8%	0.0%	N/A	52.6%	0.0%	0.35	0.3	0.0	0.0	0.0	7.9	0.0	0.0	10.1	7.9	N/A
		01/31/12	55.8%	0.0%	N/A	63.6%	0.0%	17100	304.6	2.0	0.0	21.0	3.6	9.3	OVR	14.8	0.6	N/A
		04/12/12	66.2%	0.0%	N/A	57.8%	0.1%	0.8	0.6	NM	NM	NM	NM	0.0	0.0	2.2	19.6	N/A
		07/16/12	61.8%	0.0%	N/A	45.7%	0.2%	4.6	1.5	N/A	N/A	N/A	N/A	0.0	0.0	1.9	19.3	N/A
		10/11/12	51.7%	0.0%	N/A	42.6%	0.4%	2.0	0.9	NM	NM	NM	NM	0.0	0.0	0.6	20.0	N/A
		02/05/13	51.7%	0.9%	N/A	50.5%	2.0%	2.23	0.2	NM	NM	NM	NM	0.0	0.0	0.4	20.5	N/A
		05/15/13[9]	53.0%	0.0%	N/A	51.0%	0.7%	0.75	0.5	NM	NM	NM	NM	0.0	0.0	0.0	20.6	N/A
	31.5 ft	09/08/10	56.6%	2.7%		46.9%	2.6%	3210000	380	711	41.0	OVR	0.0	OVR	OVR	12.9	0.0	2.3%
		11/17/10	66.5%	1.5%		59.8%	1.9%	1.2	462	753	10.0	OVR	2.1	OVR	OVR	13.3	2.3	N/A
		02/07/11	51.3%	0.0%	N/A	38.0%	0.0%	60660	318	62.0	8.0	OVR	0.5	OVR	OVR	15.1	0.3	N/A
		04/11/11	53.4%	0.0%	N/A	68.5%	0.0%	10000	416	1211	76.0	OVR	0.0	OVR	OVR	13.2	0.6	N/A
		08/04/11	55.5%	1.5%	N/A	54.1%	1.9%	OVR	327.3	1387	33.0	100.0	0.3	OVR	OVR	14.5	0.3	N/A
		11/09/11	55.1%	0.0%	N/A	54.1%	0.0%	88200	281.8	411	29.0	OVR	0.0	OVR	OVR	13.7	0.4	N/A
		01/31/12	56.1%	0.1%	OVR	68.1%	0.2%	127000	312.7	61.0	6.0	72.0	1.6	OVR	OVR	13.9	0.4	N/A
		04/12/12	51.6%	0.0%	N/A	51.5%	0.0%	2950	375	NM	NM	NM	NM	2.8	57.0	12.4	0.2	N/A
		07/16/12	50.3%	0.0%	N/A	40.0%	0.0%	90.3	5.8	N/A	N/A	N/A	N/A	0.0	0.0	8.6	7.9	N/A
		10/11/12	51.3%	0.0%	N/A	44.0%	0.0%	21.0	1.7	NM	NM	NM	NM	0.0	0.0	5.7	12.3	N/A
		02/05/13	53.1%	0.0%	N/A	48.6%	0.0%	40.0	0.3	NM	NM	NM	NM	0.0	0.0	8.9	10.3	N/A
		04/29/13	65.5%	0.0%	N/A	46.5%	0.1%	3.20	0.7	NM	NM	NM	NM	0.0	0.0	5.2	14.4	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2											Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
	39 ft	09/08/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/16/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/07/11	NS	NS	N/A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/11/11	53.0%	0.0%	N/A	91.8%	0.0%	11300	420	1222	100	OVR	0.5	OVR	OVR	12.8	0.5	N/A
		08/04/11	NS	NS	N/A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/09/11	NS	NS	N/A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/31/12	51.9%	0.7%	OVR	68.2%	0.9%	146000	350.9	9.0	11.0	91.0	4.4	OVR	OVR	13.9	0.5	N/A
		04/12/12	54.3%	0.0%	N/A	60.1%	0.0%	4070	477	NM	NM	NM	NM	5.1	OVR	12.5	0.3	N/A
		07/16/12	51.4%	0.0%	N/A	55.6%	0.0%	138	7.3	N/A	N/A	N/A	N/A	0.0	0.0	10.4	4.8	N/A
		10/11/12	50.6%	0.0%	N/A	44.6%	0.0%	77.0	7.8	NM	NM	NM	NM	0.0	0.0	9.7	6.1	N/A
		02/05/13	51.8%	0.0%	N/A	49.5%	0.0%	14.7	0.6	NM	NM	NM	NM	0.0	0.0	12.3	6.1	N/A
		04/29/13	53.2%	0.0%	N/A	52.3%	0.0%	1.68	0.3	NM	NM	NM	NM	0.0	0.0	7.7	12.0	N/A
	5ft	08/26/10	56.6%	1.7%		56.3%	1.5%	28.7	0.0	0.0	1.0	0.0	0.8	0.0	0.0	4.5	13.4	N/A
		11/19/10	50.2%	0.9%		66.7%	0.5%	61.5	4.5	5.0	0.0	10.0	2.9	0.2	2.0	15.3	2.6	N/A
		02/07/11	52.8%	0.0%	0.0%	45.0%	0.2%	291	0.3	0.0	0.0	0.0	16.5	0.0	0.0	3.6	17.7	N/A
		04/07/11	61.6%	0.0%	0.0%	53.8%	0.0%	34.2	0.1	0.0	0.0	0.0	12.6	0.0	0.0	6.6	12.8	N/A
		08/02/11	59.8%	0.2%	N/A	58.3%	0.5%	34750	198	269	0.0	23.0	5.0	16.6	OVR	14.8	0.4	N/A
		11/10/11	52.1%	0.0%	N/A	50.3%	0.0%	0.0	0.4	0.0	0.0	0.0	5.6	0.0	0.0	13.3	5.5	N/A
		01/31/12	51.7%	0.0%	N/A	56.0%	0.0%	0.0	0.4	0.0	0.0	0.0	5.0	0.0	0.0	11.0	5.1	N/A
		04/12/12	52.4%	0.0%	0.0%	86.9%	0.3%	1.0	0.07	NM	NM	NM	NM	0.0	0.0	0.4	20.9	N/A
		7/31/12 [9]	53.8%	0.0%	N/A	49.8%	2.7%	3.4	0.8	NM	NM	NM	NM	0.0	0.0	0.5	19.5	N/A
		10/10/12	68.2%	0.0%	N/A	45.9%	0.1%	1.0	0.6	NM	NM	NM	NM	0.0	0.0	0.5	21.4	N/A
		02/13/13[10]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		06/06/13	59.6%	0.0%	N/A	62.5%	0.2%	1.48	0.5	NM	NM	NM	NM	0.0	0.0	0.2	20.5	N/A
	13.5 ft	08/26/10	50.8%	0.0%		56.2%	0.0%	5130	62.8	2.0	2.0	16.0	0.0	1.1	22.0	16.7	0.4	N/A
		11/19/10	53.8%	0.0%		51.0%	0.0%	2157	58.8	3.0	0.0	38.0	0.7	3.4	68.0	16.3	0.7	N/A
		02/07/11	54.2%	0.0%	0.0%	54.1%	0.0%	240	0.4	0.0	0.0	0.0	8.4	0.0	0.0	10.9	9.0	N/A
		04/07/11	57.5%	0.0%	0.0%	62.8%	0.0%	45.0	0.3	0.0	0.0	0.0	8.4	0.0	0.0	10.2	8.3	N/A
		08/02/11	56.0%	0.0%	N/A	68.5%	0.3%	31200	234	362	0.0	40	9.5	10.8	OVR	16.7	0.1	N/A
		11/10/11	62.1%	0.0%	N/A	66.2%	0.0%	0.0	0.8	0.0	0.0	0.0	2.2	0.0	0.0	16.0	2.2	N/A
		01/31/12	52.5%	0.0%	N/A	61.4%	0.0%	235	15.4	0.0	0.0	3.0	1.0	0.0	0.0	14.0	0.7	N/A
		04/12/12	59.5%	0.1%	0.0%	60.8%	0.2%	1.0	0.6	NM	NM	NM	NM	0.0	0.0	0.6	20.7	N/A
		07/20/12	51.0%	0.0%	N/A	54.0%	0.0%	5.1	2.0	NM	NM	NM	NM	0.0	0.0	1.6	19.4	N/A
		10/10/12	65.2%	0.0%	N/A	57.5%	0.0%	0.0	1.2	NM	NM	NM	NM	0.0	0.0	0.5	21.7	N/A
		02/13/13[9]	52.8%	0.1%	N/A	51.6%	0.1%	1.75	0.2	NM	NM	NM	NM	0.0	0.0	0.1	20.9	N/A
		06/06/13	51.8%	0.0%	N/A	59.2%	0.5%	3.36	0.6	NM	NM	NM	NM	0.0	0.0	0.5	20.2	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2										Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-7	29.5 ft	08/31/10	50.4%	0.9%		48.3%	0.8%	73090	234	187	10.0	0.0	0.0	57.1	OVR	15.0	0.3	N/A
		11/19/10	53.7%	0.0%		69.3%	0.0%	4264	120	32.0	1.0	OVR	0.5	19.0	OVR	15.9	0.8	N/A
		02/07/11	56.7%	0.0%	26.8%	56.2%	0.0%	17840	910	4.0	12.0	56.0	3.4	27.6	OVR	17.1	0.4	N/A
		04/07/11	59.2%	0.0%	19.8%	57.6%	0.0%	28300	430	2.0	5.0	25.0	0.4	23.4	OVR	15.1	0.2	N/A
		08/02/11	50.0%	0.5%	N/A	54.0%	0.6%	79000	307	66.0	1.0	57.0	4.9	68.2	OVR	14.5	0.2	N/A
		11/11/11	52.0%	0.0%	N/A	70.1%	0.0%	23400	409.7	0.0	8.0	16.0	0.4	29.9	OVR	16.3	0.8	N/A
		01/31/12	52.0%	0.0%	N/A	61.5%	0.0%	17800	347.4	0.0	2.0	28.0	9.8	16.0	OVR	16.0	0.2	N/A
		04/12/12	53.6%	0.0%	0.0%	56.2%	0.0%	25.0	5.3	NM	NM	NM	NM	0.0	0.0	9.2	11.3	N/A
		07/20/12	51.5%	0.0%	N/A	51.5%	0.0%	3.1	3.1	NM	NM	NM	NM	0.0	0.0	5.9	16.8	N/A
		10/10/12	63.0%	0.0%	N/A	40.1%	0.0%	2.0	1.0	NM	NM	NM	NM	0.0	0.0	4.8	17.8	N/A
		02/13/13[10]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		06/06/13	51.5%	0.0%	N/A	59.4%	0.7%	0.78	0.6	NM	NM	NM	NM	0.0	0.0	1.6	15.9	N/A
	38 ft	08/31/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/19/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/07/11	62.2%	0.1%	32.9%	51.0%	0.0%	21220	944	0.0	35.0	58.0	1.8	33.7	OVR	16.5	0.1	N/A
		04/07/11	76.5%	0.0%	25.1%	43.2%	0.0%	31250	448	8.0	6.0	35.0	0.5	25.9	OVR	14.9	0.4	N/A
		08/02/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/11/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/31/12	51.6%	0.0%	N/A	60.5%	0.0%	20700	400.8	0.0	9.0	34.0	0.6	21.9	OVR	16.3	0.5	N/A
		04/12/12 [11]	54.7%	0.3%	0.0%	80.8%	0.4%	90.0	24.8	NM	NM	NM	NM	0.0	0.0	10.7	9.4	N/A
		04/25/12	53.5%	0.0%	N/A	64.1%	0.0%	31.4	11.6	NM	NM	NM	NM	0.2	5.0	6.4	14.4	N/A
		7/31/12 [10]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/11/12	66.3%	0.0%	N/A	42.0%	0.2%	2.0	0.8	NM	NM	NM	NM	0.0	0.0	1.5	20.5	N/A
		02/13/13[10]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		06/05/13	60.5%	0.0%	N/A	54.7%	0.2%	0.34	0.6	NM	NM	NM	NM	0.0	0.0	3.7	17.5	N/A
	5 ft	08/30/10	52.0%	0.0%		58.6%	0.1%	55.0	0.4	0.0	0.0	0.0	6.4	0.0	0.0	7.3	13.4	N/A
		11/18/10	62.8%	0.0%		65.5%	0.0%	617	2.6	4.0	0.0	5.0	14.1	0.2	4.0	2.6	19.4	N/A
		02/10/11	51.2%	0.0%	0.0%	40.5%	0.0%	153	0.0	1.0	0.0	0.0	14.8	0.0	0.0	4.7	15.0	N/A
		04/07/11	53.0%	0.0%	N/A	82.0%	0.3%		0.3	0.0	0.0	0.0	18.5	0.0	0.0	3.0	19.0	N/A
		07/27/11	61.7%	0.0%	N/A	50.8%	0.0%	0.0	5.1	0.0	0.0	0.0	9.4	0.0	0.0	8.9	12.9	N/A
		11/03/11	67.1%	0.0%	N/A	60.0%	0.1%	4.35	0.2	0.0	0.0	0.0	18.6	0.0	0.0	1.2	16.4	N/A
		01/23/12	55.4%	0.0%	N/A	52.3%	2.4%	1.0	0.1	0.0	0.0	0.0	19.2	0.0	0.0	1.4	20.0	N/A
		04/10/12	51.4%	0.0%	N/A	60.3%	0.1%	1.7	0.5	NM	NM	NM	NM	0.0	0.0	2.8	17.3	N/A
		07/13/2012[11]	51.7%	0.0%	N/A	51.3%	0.1%	5.1	5.1	N/A	N/A	N/A	N/A	0.0	0.0	3.6	18.1	N/A
		07/31/12	58.2%	0.0%	N/A	50.7%	0.1%	2.9	0.6	N/A	N/A	N/A	N/A	0.0	0.0	3.4	18.2	N/A
		10/04/12	51.6%	0.0%	N/A	51.9%	0.1%	1.0	0.5	NM	NM	NM	NM	0.0	0.0	2.0	18.1	N/A
		01/24/13	59.9%	0.0%	N/A	53.3%	0.0%	2.46	0.2	NM	NM	NM	NM	0.0	0.0	0.7	19.7	N/A
		04/25/13	54.0%	0.0%	N/A	61.9%	0.1%	5.34	1.9	NM	NM	NM	NM	0.0	0.0	0.0	20.0	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2										Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-8	9.5 ft	08/30/10	56.2%	0.0%		48.9%	0.0%	66.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	9.2	10.1	N/A
		11/18/10	63.7%	0.0%		100.0%	0.1%	27.2	2.1	4.0	0.0	7.0	12.2	0.3	6.0	9.6	12.5	N/A
		02/10/11	51.0%	0.0%	0.0%	61.0%	0.0%	103	0.0	0.0	0.0	0.0	12.5	0.0	0.0	9.0	11.6	N/A
		04/07/11	54.0%	0.0%	N/A	67.0%	0.0%		0.1	0.0	0.0	0.0	12.6	0.1	2.0	7.0	13.4	N/A
		07/27/11	53.5%	0.0%	N/A	53.8%	0.0%	0.0	4.1	5.0	0.0	0.0	11.0	0.0	0.0	6.1	14.4	N/A
		11/03/11	51.8%	0.0%	N/A	55.2%	0.0%	3.9	0.3	0.0	0.0	0.0	18.6	0.0	0.0	7.2	13.7	N/A
		01/23/12	63.0%	0.0%	N/A	49.0%	0.0%	0.0	0.5	0.0	0.0	0.0	14.6	0.0	0.0	6.7	15.3	N/A
		04/10/12	64.7%	0.0%	N/A	57.3%	0.0%	1.3	0.6	NM	NM	NM	NM	0.0	0.0	5.7	15.4	N/A
		07/13/12	51.6%	0.0%	N/A	50.0%	0.0%	3.9	3.9	N/A	N/A	N/A	N/A	0.0	0.0	6.0	15.5	N/A
		10/04/12	59.6%	0.0%	N/A	40.0%	0.0%	1.0	0.8	NM	NM	NM	NM	0.0	0.0	4.6	16.4	N/A
		01/24/13	67.8%	0.0%	N/A	74.5%	0.1%	1.07	0.3	NM	NM	NM	NM	0.0	0.0	3.4	17.8	N/A
		04/25/13	56.2%	0.0%	N/A	58.9%	0.2%	2.5	1.6	NM	NM	NM	NM	0.0	0.0	2.0	18.2	N/A
	23.5 ft	08/30/10	55.2%	0.0%		60.0%	0.0%	34.2	0.0	1.0	0.0	3.0	0.0	0.0	0.0	9.3	9.9	N/A
		11/19/10	57.8%	0.0%		59.8%	0.0%	3.6	1.6	0.0	0.0	6.0	10.5	0.0	0.0	10.1	11.0	N/A
		02/10/11	52.0%	0.0%	0.0%	69.3%	0.0%	112	0.0	0.0	0.0	0.0	11.5	0.0	0.0	10.1	11.7	N/A
		04/07/11	55.0%	0.0%	N/A	85.0%	0.0%		0.0	0.0	0.0	0.0	12.0	0.0	0.0	8.6	12.0	N/A
		07/27/11	55.7%	0.0%	N/A	56.3%	0.0%	0.0	3.1	2.0	0.0	0.0	8.2	0.1	2.0	8.9	11.3	N/A
		11/06/11	74.5%	0.0%	N/A	70.2%	0.0%		0.3	0.0	0.0	0.0	13.6	0.0	0.0	8.7	12.6	N/A
		01/23/12	54.0%	0.0%	N/A	91.5%	0.0%	1.4	0.5	0.0	0.0	0.0	13.7	0.0	0.0	8.1	14.0	N/A
		04/10/12	60.6%	0.0%	N/A	66.3%	0.1%	1.5	0.5	NM	NM	NM	NM	0.0	0.0	6.5	14.6	N/A
		07/13/12	57.2%	0.0%	N/A	40.0%	0.0%	4.7	4.7	NM	NM	NM	NM	0.0	0.0	6.3	14.6	N/A
		10/04/12	53.2%	0.0%	N/A	63.0%	0.0%	4.0	1.1	NM	NM	NM	NM	0.0	0.0	5.5	15.9	N/A
		01/24/13	56.6%	0.0%	N/A	51.0%	0.0%	1.0	0.3	NM	NM	NM	NM	0.0	0.0	4.7	16.5	N/A
		05/01/13[9]	53.5%	0.0%	N/A	51.1%	0.2%	0.40	0.3	NM	NM	NM	NM	0.0	0.0	3.4	16.8	N/A
	35.5 ft	08/30/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/19/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/10/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/07/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		07/27/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/06/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/23/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/10/12 [13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/13/12 [13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/4/12[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/24/13[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/25/13[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2										Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-9	5 ft	08/26/10	50.2%	0.0%		45.6%	0.0%	36.7	0.0	2.0	0.0	3.0	0.4	0.4	8.0	11.6	4.7	N/A
		11/19/10	66.3%	0.0%		65.7%	0.0%	4.0	2.1	1.0	0.0	0.0	20.1	0.1	1.0	0.8	20.1	N/A
		02/08/11	67.4%	0.0%	0.0%	51.0%	0.0%	352	0.0	0.0	0.0	0.0	19.2	0.0	0.0	1.8	19.1	N/A
		04/06/11	50.3%	0.0%	N/A	62.2%	0.0%	0.0	1.6	0.0	0.0	0.0	0.4	0.0	0.0	1.1	5.8	N/A
		08/02/11	52.5%	0.0%	N/A	55.6%	0.4%	7550	92.3	4.0	0.0	13.0	0.5	0.9	19.0	14.9	0.5	N/A
		11/04/11	53.8%	0.0%	N/A	53.8%	0.0%		0.5	0.0	0.0	0.0	18.4	0.0	0.0	3.8	16.7	N/A
		01/26/12	55.1%	0.0%	N/A	66.2%	0.0%	0.0	0.5	0.0	0.0	0.0	17.7	0.1	2.0	13.8	2.2	N/A
		04/11/12	55.6%	0.0%	N/A	50.5%	0.0%	0.8	0.2	NM	NM	NM	NM	0.0	0.0	0.6	20.2	N/A
		07/13/12	68.7%	0.0%	0.0%	59.9%	0.0%	3.2	0.4	NM	NM	NM	NM	0.0	0.0	0.6	19.7	N/A
		10/10/12	54.20%	0.0%	N/A	47.3%	0.0%	1.0	0.6	NM	NM	NM	NM	0.0	0.0	0.3	20.6	N/A
		02/15/13[11]	51.7%	0.0%	N/A	51.7%	0.1%	0.97	0.3	NM	NM	NM	NM	0.0	0.0	0.2	20.4	N/A
		05/01/13	56.3%	0.0%	N/A	58.2%	1.4%	1.41	0.5	NM	NM	NM	NM	0.0	0.0	0.0	20.5	N/A
	11.5 ft	08/26/10	54.2%	0.0%		34.7%	0.3%	19620	36.7	8.0	0.0	42.0	0.0	3.2	64.0	13.7	0.5	N/A
		11/19/10	57.5%	0.0%		57.8%	0.0%	1714	23.6	74.0	0.0	21.0	0.9	1.7	35.0	15.8	0.8	N/A
		02/09/11	62.7%	0.0%	0.0%	50.9%	0.0%	30.8	0.4	3.0	0.0	0.0	3.1	0.0	1.0	14.8	3.4	N/A
		04/06/11	53.7%	0.0%	N/A	56.3%	0.0%	60.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4	1.4	N/A
		08/02/11	58.6%	0.8%	5.6%	57.2%	0.9%	37600	68.9	41.0	0.0	0.0	0.2	6	OVR	13.4	0.3	N/A
		11/04/11	57.1%	0.0%	N/A	51.7%	0.0%		0.7	0.0	0.0	0.0	14.9	0.0	0.0	10.0	9.8	N/A
		01/26/12	54.0%	0.4%	N/A	72.5%	0.0%	0.0	0.6	0.0	0.0	0.0	14.6	0.0	1.0	14.4	1.5	N/A
		04/11/12	55.4%	0.0%	N/A	50.5%	0.1%	0.6	0.2	NM	NM	NM	NM	0.0	0.0	1.4	19.6	N/A
		07/13/12	72.4%	0.4%	0.0%	60.1%	0.9%	2.9	0.2	NM	NM	NM	NM	0.0	0.0	1.2	19.4	N/A
		10/10/12	46.6%	0.0%	N/A	40.6%	0.5%	2.0	3.2	NM	NM	NM	NM	0.0	0.0	0.6	20.6	N/A
		01/25/13	66.4%	0.0%	N/A	34.0%	0.0%	0.87	0.5	NM	NM	NM	NM	0.0	0.0	0.4	21.6	N/A
		05/01/13	55.8%	0.0%	N/A	50.2%	0.8%	0.51	0.5	NM	NM	NM	NM	0.0	0.0	0.1	20.2	N/A
	25.5 ft	08/26/10	50.2%	0.4%		47.6%	1.0%	46560	153	32.0	12.0	Neg	0.0	19.4	388	13.8	0.0	N/A
		11/19/10	51.0%	0.0%		55.8%	0.2%	3594	66.6	232	8.0	73.0	0.5	6.2	OVR	15.4	0.4	N/A
		02/09/11	64.9%	0.0%	N/A	40.5%	0.0%	7530	103	4.0	5.0	44.0	0.7	3.0	53.0	18.7	0.7	N/A
		04/08/11	54.0%	0.0%	N/A	80.0%	0.0%		45.0	0.0	2.0	14.0	0.0	1.5	31.0	15.8	0.6	N/A
		08/02/11	56.1%	0.3%	N/A	58.1%	0.5%	46300	87.2	76.0	13.0	74.0	0.3	11.7	OVR	12.8	0.4	N/A
		11/04/11	60.7%	0.0%	N/A	50.2%	0.0%		165.8	0.0	3.0	22.0	0.8	2.0	40.0	15.5	0.2	N/A
		01/26/12	54.5%	0.0%	N/A	67.1%	0.0%	5200	62.3	2.0	0.0	9.0	10.0	0.9	18.0	15.7	0.7	N/A
		04/11/12	61.0%	0.0%	N/A	60.1%	0.3%	0.7	0.3	NM	NM	NM	NM	0.0	0.0	3.8	18.0	N/A
		07/13/12	53.2%	0.0%	0.0%	59.6%	0.1%	3.7	0.6	NM	NM	NM	NM	0.0	0.0	2.6	18.7	N/A
		10/10/12	53.5%	0.0%	N/A	43.5%	0.0%	0.0	0.7	NM	NM	NM	NM	0.0	0.0	1.9	19.7	N/A
		01/30/13	66.5%	0.0%	N/A	60.4%	0.0%	0.55	0.4	NM	NM	NM	NM	0.0	0.0	1.4	20.1	N/A
		05/01/13	54.4%	0.0%	N/A	50.5%	0.0%	1.39	0.7	NM	NM	NM	NM	0.0	0.0	0.4	20.2	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2											Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-10	38.5 ft	08/26/10	62.5%	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/19/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/09/11	50.9%	0.0%	N/A	50.0%	0.0%	10650	226	2.0	3.0	38.0	0.6	6.3	OVR	19.4	0.3	N/A
		04/08/11	52.0%	0.0%	N/A	55.0%	0.0%		169	0.0	7.0	20.0	0.0	3.6	81.0	17.9	0.3	N/A
		08/02/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/04/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/26/12	51.5%	0.0%	N/A	61.9%	0.0%	5900	202.1	0.0	2.0	10.0	7.4	1.5	31.0	16.0	0.4	N/A
		04/11/12	50.5%	0.0%	N/A	51.4%	0.0%	2.6	1.1	NM	NM	NM	NM	0.0	0.0	8.9	13.1	N/A
		07/13/12	69.1%	0.0%	0.0%	45.1%	0.3%	4.7	0.7	NM	NM	NM	NM	0.0	0.0	4.9	16.2	N/A
		10/10/12	55.4%	0.0%	N/A	46.7%	0.0%	95.0	14.35	NM	NM	NM	NM	0.0	0.0	6.4	14.0	N/A
		01/30/13	49.4%	0.0%	N/A	42.6%	0.0%	1.22	0.4	NM	NM	NM	NM	0.0	0.0	6.7	15.5	N/A
		05/01/13	53.8%	0.0%	N/A	53.5%	0.1%	1.74	0.8	NM	NM	NM	NM	0.0	0.0	3.2	17.9	N/A
	5 ft	09/07/10	60.2%	0.0%		35.8%	0.0%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	6.4	14.0	N/A
		11/18/10	56.5%	0.0%		52.4%	0.0%	26.8	0.5	0.0	0.0	0.0	17.7	0.0	1.0	3.7	18.4	N/A
		02/10/11	50.5%	0.0%	N/A	44.0%	0.0%	213	0.4	0.0	0.0	0.0	16.2	0.0	0.0	4.5	17.8	N/A
		04/05/11	62.6%	0.0%	N/A	62.7%	0.1%	28.8	3.2	0.0	0.0	0.0	19.0	0.0	0.0	0.9	19.8	N/A
		07/29/11	57.7%	0.0%	N/A	48.4%	0.0%	0.0	1.0	1.0	0.0	0.0	16.0	0.0	0.0	4.4	17.4	N/A
		11/04/11	56.0%	0.0%	N/A	52.0%	0.0%		0.6	0.0	0.0	0.0	18.7	0.0	0.0	3.1	17	N/A
		01/25/12	76.6%	0.0%	N/A	63.1%	0.4%	1.0	1.7	0.0	0.0	0.0	20.9	0.0	0.0	0.0	20.9	N/A
		04/11/12	62.5%	0.0%	N/A	51.4%	0.1%	0.5	0.9	NM	NM	NM	NM	0.0	0.0	3.5	17.7	N/A
		07/13/12	50.8%	0.0%	N/A	47.1%	0.0%	3.2	0.2	NM	NM	NM	NM	0.0	0.0	2.2	18.3	N/A
		10/16/12	59.0%	0.0%	N/A	53.6%	0.0%	0.0	0.5	NM	NM	NM	NM	0.0	0.0	1.9	17.8	N/A
		01/29/13	52.6%	0.0%	N/A	52.1%	0.1%	1.22	0.3	NM	NM	NM	NM	0.0	0.0	0.0	20.8	N/A
		04/30/13	63.8%	0.0%	N/A	58.1%	0.4%	1.59	0.5	NM	NM	NM	NM	0.0	0.0	0.0	19.8	N/A
	10 ft	09/07/10	53.4%	0.0%		25.5%	0.0%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	11.9	N/A
		11/18/10	54.4%	0.0%		49.4%	0.1%	41.2	0.7	4.0	0.0	0.0	15.4	0.0	1.0	6.1	15.9	N/A
		02/11/11	54.5%	0.0%	N/A	65.5%	0.0%	67.4	0.1	0.0	0.0	0.0	14.9	0.0	0.0	5.5	14.7	N/A
		04/06/11	55.7%	0.0%	N/A	59.4%	0.1%	38.9	0.0	0.0	0.0	0.0	18.7	0.0	0.0	0.0	19.6	N/A
		07/29/11	52.8%	0.0%	N/A	49.8%	0.2%	0.0	2.8	1.0	0.0	0.0	12.3	0.0	0.0	6.0	15.3	N/A
		11/04/11	57.8%	0.0%	N/A	60.0%	0.0%		0.7	0.0	0.0	0.0	17.6	0.0	0.0	4.4	15.8	N/A
		01/25/12	53.2%	0.0%	N/A	36.0%	0.0%	1.6	1.8	0.0	0.0	0.0	20.9	0.0	0.0	4.1	16.3	N/A
		04/11/12	55.4%	0.0%	N/A	56.5%	0.0%	0.5	0.8	NM	NM	NM	NM	0.0	0.0	4.4	16.4	N/A
		07/13/12	50.4%	0.0%	N/A	40.7%	0.0%	4.1	0.8	NM	NM	NM	NM	0.0	0.0	3.2	17.2	N/A
		10/16/12	53.6%	0.0%	N/A	35.8%	0.0%	1.0	0.6	NM	NM	NM	NM	0.0	0.0	2.4	17.2	N/A
		01/29/13	51.7%	0.0%	N/A	55.8%	0.1%	0.86	0.3	NM	NM	NM	NM	0.0	0.0	0.1	20.8	N/A
		04/30/13	54.3%	0.0%	N/A	54.4%	0.3%	1.76	0.7	NM	NM	NM	NM	0.0	0.0	0.0	19.7	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2										Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
	20 ft	09/07/10	51.8%	0.0%		32.9%	0.0%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.3	9.4	N/A
		11/18/10	58.1%	0.0%		41.0%	0.0%	85.7	0.7	4.0	0.0	0.0	13.2	0.0	0.0	9.1	13.2	N/A
		02/11/11	52.6%	0.0%	N/A	55.8%	0.4%	51.5	0.3	0.0	0.0	0.0	12.9	0.0	0.0	7.4	13.1	N/A
		04/06/11	53.5%	0.0%	N/A	54.7%	0.2%	50.0	0.6	0.0	0.0	0.0	17.7	0.0	0.0	2.7	17.6	N/A
		07/29/11	62.7%	0.0%	N/A	45.9%	0.4%	0.0	3.3	2.0	0.0	0.0	9.7	0.0	0.0	7.3	13.2	N/A
		11/04/11	62.1%	0.0%	N/A	63.8%	0.0%		0.6	0.0	0.0	0.0	16.0	0.0	0.0	6.2	14.2	N/A
		01/25/12	57.2%	0.0%	N/A	58.1%	0.0%	2.0	0.0	0.0	0.0	0.0	14.1	0.0	0.0	6.2	14.4	N/A
		04/11/12	56.2%	0.0%	N/A	50.5%	0.1%	1.4	1.1	NM	NM	NM	NM	0.0	0.0	5.5	14.6	N/A
		07/16/12	50.6%	0.0%	N/A	46.6%	0.0%	1.8	0.8	NM	NM	NM	NM	0.0	0.0	5.2	15.9	N/A
		10/16/12	57.6%	0.0%	N/A	39.7%	0.0%	0.0	0.5	NM	NM	NM	NM	0.0	0.0	4.2	15.4	N/A
		01/29/13	55.7%	0.0%	N/A	63.6%	0.1%	0.99	0.4	NM	NM	NM	NM	0.0	0.0	0.4	20.4	N/A
		04/30/13	53.2%	0.0%	N/A	52.2%	0.2%	0.81	0.6	NM	NM	NM	NM	0.0	0.0	0.1	19.7	N/A
	30 ft	09/07/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/18/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/11/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/06/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		07/29/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/04/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/25/12	71.3%	0.2%	N/A	58.9%	0.2%	21	1.7	0.0	0.0	0.0	10.2	0.0	0.0	0.1	11.8	N/A
		04/11/12	51.0%	0.0%	N/A	55.7%	0.0%	6.7	0.9	NM	NM	NM	NM	0.0	0.0	6.5	13.1	N/A
		07/16/12	55.3%	0.0%	N/A	50.2%	0.0%	2.8	0.8	NM	NM	NM	NM	0.0	0.0	6.1	14.5	N/A
		10/16/12	55.8%	0.0%	N/A	35.0%	0.4%	1.0	0.7	NM	NM	NM	NM	0.0	0.0	6.1	13.1	N/A
		01/29/13	52.7%	0.0%	N/A	62.3%	0.1%	0.62	0.4	NM	NM	NM	NM	0.0	0.0	2.6	18.9	N/A
		04/30/13	51.3%	0.0%	N/A	53.3%	0.2%	0.82	0.5	NM	NM	NM	NM	0.0	0.0	0.8	19.1	N/A
	5 ft	09/07/10	57.9%	0.0%		44.3%	0.0%	0.0	0.1	2.0	0.0	0.0	0.0	0.0	0.0	9.9	10.3	N/A
		11/22/10	56.5%	0.0%		75.0%	0.0%	6.6	1.3	5.0	0.0	0.0	8.6	0.0	0.0	11.0	8.2	N/A
		02/11/11	52.9%	0.0%	N/A	45.9%	0.0%	12.8	0.8	0.0	0.0	0.0	9.4	0.0	0.0	9.5	9.9	N/A
		04/06/11	55.3%	0.0%	0.0%	48.9%	0.0%	3.4	0.7	0.0	0.0	0.0	10.6	0.0	0.0	8.5	10.5	N/A
		08/07/11	68.2%	0.0%	N/A	47.5%	0.0%	0.0	4.3	0.0	0.0	0.0	13.6	0.0	0.0	7.5	13.1	N/A
		11/11/11	53.2%	0.0%	N/A	67.0%	0.0%	0.0	1.1	0.0	0.0	0.0	7.5	0.0	0.0	11.1	8.0	N/A
		01/26/12	75.8%	0.0%	N/A	75.8%	0.0%	0.0	0.7	0.0	0.0	0.0	7.2	0.0	0.0	10.7	7.2	N/A
		04/19/12	82.4%	0.0%	0.0%	62.7%	0.0%	0.0	2.6	NM	NM	NM	NM	0.0	0.0	5.9	16.3	N/A
		07/19/12	54.0%	0.0%	0.0%	50.0%	0.0%	3.6	1.3	NM	NM	NM	NM	0.0	0.0	2.4	18.0	N/A
		10/16/12	52.7%	0.0%	N/A	45.6%	0.0%	2.0	0.4	N/A	N/A	N/A	N/A	0.0	0.0	5	14.6	N/A
		01/29/13	65.3%	0.0%	N/A	60.8%	0.1%	19.58	3.0	NM	NM	NM	NM	0.0	0.0	0.5	19.9	N/A
		04/30/13	55.6%	0.0%	N/A	52.3%	0.6%	0.87	0.6	NM	NM	NM	NM	0.0	0.0	0.4	20.2	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2										Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-11	8 ft	09/08/10	52.3%	0.0%		37.6%	0.0%	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	11.0	N/A
		11/22/10	55.0%	0.0%		57.5%	0.0%	8.0	1.8	4.0	0.0	0.0	7.8	0.0	0.0	11.4	7.6	N/A
		02/11/11	54.3%	0.0%	N/A	43.7%	0.0%	27.7	0.9	0.0	0.0	0.0	8.6	0.0	0.0	10.1	9.0	N/A
		04/06/11	73.8%	0.0%	0.0%	70.0%	0.0%	3.0	0.8	0.0	0.0	0.0	10.5	0.0	0.0	8.3	10.1	N/A
		08/07/11	53.0%	0.0%	N/A	35.1%	0.0%	0.0	2.3	4.0	0.0	0.0	8.0	0.1	1.0	9.9	7.9	N/A
		11/14/11	54.2%	0.0%	N/A	62.1%	0.0%		0.4	0.0	0.0	0.0	3.7	0.0	0.0	10.5	8.2	N/A
		01/26/12	76.2%	0.0%	N/A	76.2%	0.0%	0.0	0.7	0.0	0.0	0.0	7.7	0.0	0.0	10.6	7.6	N/A
		04/19/12	50.5%	0.0%	0.0%	65.7%	0.1%	0.0	2.1	NM	NM	NM	NM	0.0	0.0	4.0	16.6	N/A
		07/20/12	50.4%	0.0%	N/A	40.0%	0.0%	32.9	1.4	N/A	N/A	N/A	N/A	0.0	0.1	4.0	16.7	N/A
		10/16/12	55.6%	0.0%	N/A	43.1%	0.0%	1.0	0.4	N/A	N/A	N/A	N/A	0.0	0.0	4.5	15.6	N/A
		01/29/13	71.2%	0.0%	N/A	57.1%	0.0%	3.66	1.5	NM	NM	NM	NM	0.0	0.0	1.1	19.0	N/A
		05/01/13[9]	51.4%	0.0%	N/A	41.2%	0.4%	1.21	0.5	NM	NM	NM	NM	0.0	0.0	0.7	20.1	N/A
	29 ft	09/08/10	63.8%	0.0%		40.0%	0.0%	1400	97.3	1.0	0.0	5.0	0.0	0.0	1.0	14.7	0.0	N/A
		11/22/10	57.5%	0.0%		46.3%	0.0%	785	58.7	3.0	0.0	3.0	0.8	0.2	5.0	14.7	0.8	N/A
		02/14/11	55.5%	0.0%	N/A	36.9%	0.0%	7.2	0.0	0.0	0.0	0.0	1.6	0.0	0.0	15.3	1.7	N/A
		04/06/11	63.8%	0.0%	0.0%	66.0%	0.0%	3.9	1.1	0.0	0.0	0.0	0.2	0.1	2.0	14.6	0.8	N/A
		08/25/11	53.7%	0.0%	0.0%	47.5%	0.0%	0.0	0.3	2.0	0.0	0.0	0.9	0.0	0.0	14.0	0.5	N/A
		11/14/11	54.3%	0.0%	N/A	62.8%	0.0%		0.6	0.0	0.0	0.0	0.0	0.0	0.0	14.9	1.5	N/A
		01/26/12	52.8%	0.0%	N/A	52.1%	0.0%	0.0	0.5	0.0	0.0	0.0	1.3	0.0	0.0	15.3	1.2	N/A
		04/19/12 [12]	60.7%	0.0%	0.0%	60.7%	0.1%	0.0	2.1	NM	NM	NM	NM	0.0	0.0	12.9	2.8	N/A
		04/27/12	54.8%	0.0%	N/A	51.1%	0.0%	0.0	0.7	NM	NM	NM	NM	0.0	0.0	11.9	7.1	N/A
		07/23/12	50.5%	0.0%	N/A	66.5%	0.0%	2.4	1.1	NM	NM	NM	NM	0.0	0.0	9.8	8.3	N/A
		10/16/12	50.1%	0.0%	N/A	41.3%	0.0%	1.0	0.7	NM	NM	NM	NM	0.0	0.0	7.5	12.4	N/A
		01/29/13	70.5%	0.0%	N/A	46.1%	0.0%	0.52	0.4	NM	NM	NM	NM	0.0	0.0	3.5	18.4	N/A
		04/30/13	51.2%	0.0%	N/A	43.0%	0.1%	0.29	0.7	NM	NM	NM	NM	0.0	0.0	1.3	19.2	N/A
	38 ft	09/08/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/22/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/14/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/06/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		08/07/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/14/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/26/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/23/12	66.5%	0.0%	N/A	56.8%	0.0%	732	289	NM	NM	NM	NM	0.0	0.0	15.9	1.0	N/A
		07/23/12	51.0%	0.0%	N/A	58.5%	0.0%	400	112	NM	NM	NM	NM	0.0	0.0	15.9	0.3	N/A
		10/16/12	67.0%	0.0%	N/A	40.3%	0.0%	38.0	1.0	NM	NM	NM	NM	0.0	0.0	12.9	7.0	N/A
		01/30/13	50.7%	0.0%	N/A	51.9%	0.0%	7.55	0.7	NM	NM	NM	NM	0.0	0.0	8.3	13.6	N/A
		04/30/13	51.8%	0.0%	N/A	47.1%	0.1%	1.12	0.8	NM	NM	NM	NM	0.0	0.0	4.4	17.3	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2											Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-12	5 ft	09/03/10	48.7%	10.4%		45.7%	11.1%	OVR	22.5	145	23.0	OVR	0.0	OVR	OVR	14.5	0.7	10.1%
		12/03/10	55.3%	1.1%		57.0%	1.1%	4986	21.7	220	0.0	73.0	0.7	9.9	OVR	13.5	1.1	N/A
		02/15/11	62.7%	3.3%	80.1%	62.6%	2.5%	2630000	86.7	0.0	0.0	OVR	0.2	86.7	OVR	8.1	0.0	N/A
		04/19/11	52.0%	7.7%	OVR	59.0%	7.9%	69.5	71.8	9.0	11.0	OVR	0.0	OVR	OVR	7.7	0.4	N/A
		08/04/11	57.4%	8.2%	OVR	38.1%	5.1%	OVR	89.8	49.0	8.0	0.0	0.0	OVR	OVR	12.3	1.0	N/A
		11/16/11	78.1%	0.0%	N/A	61.5%	0.0%	20.0	8.9	0.0	0.0	0.0	14.0	0.0	0.0	8.2	16.3	N/A
		01/24/12	53.6%	0.6%	N/A	50.0%	1.8%	17.0	46.9	0.0	0.0	0.0	19.2	0.1	2.0	3.6	19.2	N/A
		04/19/12	54.2%	0.0%	N/A	52.8%	0.1%	3.0	3.2	NM	NM	NM	NM	0.0	0.0	5.1	12.8	N/A
		07/26/12	55.6%	0.0%	0.0%	79.6%	2.1%	5.7	0.4	NM	NM	NM	NM	0.0	0.0	0.1	20.1	N/A
		10/24/12	56.1%	0.0%	N/A	39.0%	0.1%	2.0	0.7	NM	NM	NM	NM	0.0	0.0	0.1	20.4	N/A
		02/18/13[9]	54.9%	0.3%	0.0%	42.2%	0.5%	2.61	0.2	NM	NM	NM	NM	0.0	0.0	0.1	20.8	N/A
		05/10/13	57.7%	0.0%	N/A	57.6%	0.2%	1.26	0.3	NM	NM	NM	NM	0.0	0.0	0.2	18.8	N/A
	11.5 ft	09/03/10	54.1%	9.6%		33.4%	10.1%	OVR	44.1	293	15.0	Off	0.0	OVR	OVR	15.2	0.6	11.4%
		12/03/10	67.1%	5.8%		58.6%	6.5%	50100	48.7	78.0	7.0	OVR	0.6	OVR	OVR	12.7	0.9	6.9%
		02/15/11	51.0%	5.1%	OVR	56.3%	5.4%	OVR	122	168	21.0	OVR	0.3	OVR	OVR	9.6	0.0	N/A
		04/19/11	51.0%	8.7%	OVR	58.3%	9.4%	80.8	78.0	50.0	19.0	OVR	0.0	OVR	OVR	9.5	0.2	N/A
		08/04/11	51.2%	5.2%	OVR	27.7%	8.0%	OVR	193.8	62.0	19.0	OVR	0.0	OVR	OVR	11.5	1.0	N/A
		11/16/11	71.5%	0.0%	N/A	56.5%	0.2%	27100	36.2	0.0	0.0	51.0	1.1	3.0	61.0	11.0	6.4	N/A
		01/24/12	53.1%	0.0%	N/A	46.5%	1.0%	79000	282.5	0.0	0.0	91.0	2.1	12.4	OVR	10.7	1.4	N/A
		04/19/12	70.1%	0.0%	N/A	50.8%	0.9%	46500	13.8	NM	NM	NM	NM	5.4	OVR	8.1	6.3	N/A
		7/26/2012[11]	58.3%	1.1%	N/A	50.2%	2.0%	NM	NM	NM	NM	NM	NM	0.0	0.0	0.3	20.3	N/A
		08/20/12	54.6%	0.0%	N/A	41.9%	0.2%	4.8	1.1	NM	NM	NM	NM	0.0	0.0	0.1	20.8	N/A
		10/26/12[9]	54.5%	0.0%	N/A	48.1%	0.1%	2.0	0.3	NM	NM	NM	NM	0.0	0.0	0.2	20.2	N/A
		02/18/13[9]	54.7%	0.0%	0.0%	58.5%	0.8%	4.97	0.3	NM	NM	NM	NM	0.0	0.0	0.3	20.0	N/A
		05/10/13	54.2%	0.0%	N/A	51.5%	0.0%	1710	0.9	NM	NM	NM	NM	0.2	3	3.6	11.7	N/A
	25 ft	09/03/10	52.6%	11.6%		34.9%	10.6%	OVR	441	379	7.0	OVR	0.0	OVR	OVR	15.3	0.5	10.8%
		12/03/10	54.4%	8.8%		53.1%	9.1%	61100	64.7	134	2.0	OVR	0.6	OVR	OVR	13.9	0.6	9.5%
		02/15/11	54.6%	3.9%	OVR	72.1%	4.8%	OVR	242	248	9.0	OVR	0.0	OVR	OVR	13.6	0.0	N/A
		04/19/11	53.0%	8.8%	OVR	75.0%	9.3%	76.0	133	90.0	9.0	OVR	0.0	OVR	OVR	12.3	0.8	N/A
		08/04/11	92.6%	11.6%	OVR	31.3%	8.1%	OVR	244.6	4.0	11.0	OVR	0.0	OVR	OVR	11.8	0.9	N/A
		11/16/11	82.5%	11.2%	OVR	57.8%	0.4%	OVR	140	104	0.0	OVR	0.0	OVR	OVR	12.7	0.6	N/A
		01/24/12	57.0%	8.1%	OVR	47.9%	7.6%	848000	1525	0.0	0.0	OVR	3.7	OVR	OVR	12.7	0.3	N/A
		04/19/12	54.9%	5.1%	N/A	53.7%	9.0%	900000	48.5	NM	NM	NM	NM	OVR	OVR	10.2	0.8	N/A
		07/26/12	50.5%	0.6%	28.4%	53.2%	0.5%	46700	100	NM	NM	NM	NM	19.7	OVR	9.8	5.4	N/A
		10/25/12[12]	56.6%	0.0%	N/A	60.5%	0.0%	8350	130	NM	NM	NM	NM	3.5	70	13.3	1.3	N/A
		02/15/13	62.2%	2.3%	33.0%	42.0%	2.3%	164000	28.99	NM	NM	NM	NM	40	OVR	12.2	2.8	N/A
		05/10/13	53.1%	6.2%	95.0%	40.4%	5.7%	474000	52.06	NM	NM	NM	NM	99.9	OVR	11.6	2.0	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2											Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-13	39 ft	09/03/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		12/03/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/15/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/19/11	51.0%	12.0%	OVR	53.0%	11.2%	96.7	131	85.0	17.0	OVR	0.0	OVR	OVR	13.0	0.7	N/A
		08/04/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/16/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/24/12	50.5%	15.5%	OVR	36.1%	9.4%	OVR	1416	0.0	6.0	OVR	1.2	OVR	OVR	13.2	0.0	N/A
		04/19/12	65.5%	5.2%	N/A	60.9%	9.2%	OVR	62.0	NM	NM	NM	NM	OVR	OVR	11.5	0.7	N/A
		07/26/12	60.7%	4.2%	OVR	59.2%	5.3%	375000	1850	NM	NM	NM	NM	OVR	OVR	11.9	1.2	N/A
		10/24/12	52.7%	2.7%	OVR	42.4%	2.9%	179000	71.44	NM	NM	NM	NM	83.6	OVR	12.4	2.3	N/A
		02/15/13	54.0%	4.5%	OVR	40.0%	4.4%	488000	91.23	NM	NM	NM	NM	OVR	OVR	14.1	2.1	N/A
		05/10/13	51.9%	5.2%	OVR	51.1%	8.0%	1000000	63.15	NM	NM	NM	NM	OVR	OVR	13.9	1.4	N/A
	5 ft	09/13/10	56.7%	0.0%		46.7%	0.0%	35.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	9.0	N/A
		12/01/10	43.4%	0.1%		51.5%	0.0%	0.6	1.8	5.0	0.0	0.0	11.6	0.1	2.0	6.4	12.6	N/A
		02/18/11	50.9%	0.0%	N/A	50.9%	0.0%	0.0	1.0	0.0	0.0	0.0	14.8	0.0	0.0	3.3	15.8	N/A
		04/05/11	70.2%	0.0%	N/A	82.6%	0.0%	50.9	5.9	0.0	0.0	0.0	15.3	0.0	0.0	3.7	17.4	N/A
		08/09/11	57.9%	0.0%	N/A	44.0%	0.0%		7.0	2.0	0.0	0.0	4.0	0.0	1.0	11.2	4.7	N/A
		11/14/11	54.5%	0.0%	N/A	60.3%	0.0%		0.6	0.0	0.0	0.0	8.0	0.0	0.0	6.3	11.6	N/A
		01/27/12	53.8%	0.0%	N/A	57.7%	0.0%	0.0	0.8	0.0	0.0	0.0	12.3	0.0	0.0	5.6	13.0	N/A
		04/20/12	79.8%	0.0%	0.0%	51.2%	0.0%	0.0	0.2	NM	NM	NM	NM	0.0	0.0	3.7	17.4	N/A
		07/19/12	54.2%	0.0%	N/A	51.4%	0.0%	2.7	1.1	NM	NM	NM	NM	0.0	0.0	4.2	16.3	N/A
		10/09/12	60.7%	0.0%	N/A	45.5%	0.0%	2.0	1.0	NM	NM	NM	NM	0.0	0.0	2.9	19.2	N/A
		01/29/13	53.1%	0.0%	N/A	55.0%	0.1%	1.09	0.4	NM	NM	NM	NM	0.0	0.0	0.2	20.7	N/A
		05/01/13	51.3%	0.0%	N/A	54.1%	0.8%	3.14	0.6	NM	NM	NM	NM	0.0	0.0	0.2	20.5	N/A
	10.5 ft	09/13/10	53.2%	0.0%		30.3%	0.0%	1460	1.0	2.0	2.0	5.0	0.0	0.2	1.0	8.6	0.7	N/A
		12/01/10	41.2%	0.0%		42.7%	0.0%	0.6	2.2	2.0	0.0	0.0	5.1	0.0	1.0	10.4	5.0	N/A
		02/18/11	50.4%	0.0%	N/A	47.9%	0.0%	2550	192	0.0	0.0	16.0	1.7	0.1	16.0	6.8	10.6	N/A
		04/05/11	50.2%	0.0%	N/A	72.8%	0.0%	30.5	4.4	1.0	0.0	0.0	10.6	0.0	0.0	3.3	12.1	N/A
		08/09/11	58.5%	0.0%	N/A	49.9%	0.0%		46.0	31.0	0.0	11.0	0.5	0.7	15.0	12.4	1.3	N/A
		11/14/11	56.4%	0.0%	N/A	60.5%	0.0%		0.5	0.0	0.0	0.0	4.9	0.0	0.0	7.6	9.3	N/A
		01/27/12	63.5%	0.0%	N/A	60.1%	0.0%	0.0	0.5	0.0	0.0	0.0	9.8	0.0	0.0	7.1	10.1	N/A
		04/20/12	71.2%	0.0%	0.0%	72.3%	0.0%	0.0	0.4	NM	NM	NM	NM	0.0	0.0	4.7	14.7	N/A
		07/19/12	53.4%	0.0%	N/A	46.1%	0.0%	3.1	1.5	NM	NM	NM	NM	0.0	0.0	6.0	12.7	N/A
		10/09/12	58.9%	0.0%	N/A	40.8%	0.0%	1.0	1.7	NM	NM	NM	NM	0.0	0.0	4.2	17.2	N/A
		01/30/13	62.6%	0.0%	N/A	52.6%	0.0%	0.85	0.3	NM	NM	NM	NM	0.0	0.0	0.8	20.7	N/A
		05/01/13	52.8%	0.2%	N/A	51.0%	1.0%	0.47	0.4	NM	NM	NM	NM	0.0	0.0	0.3	20.0	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2										Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
[illegible]	21.5 ft	09/13/10	56.7%	0.1%		27.9%	0.0%	35600	1869	7.0	0.0	30.0	0.0	2.4	49.0	12.2	0.0	N/A
		12/01/10	43.5%	0.2%		46.7%	0.3%	1928	255	2.0	0.0	26.0	0.6	2.1	43.0	13.4	0.6	N/A
		02/18/11	55.4%	0.0%	N/A	53.1%	0.0%	3050	372	0.0	0.0	21.0	1.4	1.8	37.0	12.7	0.6	N/A
		04/05/11	50.2%	0.0%	N/A	50.2%	0.0%	18220	OVR	0.0	0.0	17.0	4.4	0.0	34.0	0.1	10.4	N/A
		08/09/11	54.2%	0.0%	N/A	48.0%	0.0%		202.3	11.0	0.0	40.0	0.3	2.4	48.0	11.7	0.9	N/A
		11/14/11	56.8%	0.0%	N/A	64.7%	0.0%		293.5	0.0	0.0	20.0	0.0	1.2	24.0	11.8	0.8	N/A
		01/27/12	52.0%	0.0%	N/A	48.2%	0.0%	6600	217.6	0.0	0.0	14.0	0.5	0.6	12.0	12.5	0.3	N/A
		04/20/12	67.0%	0.0%	0.0%	68.0%	0.0%	1110	6.5	NM	NM	NM	NM	0.0	0.0	12.8	0.4	N/A
		07/19/12	47.6%	0.0%	N/A	53.2%	0.0%	69.0	3.0	NM	NM	NM	NM	0.0	0.0	13.8	1.3	N/A
		10/09/12	59.2%	0.0%	N/A	43.7%	0.0%	47.0	6.4	NM	NM	NM	NM	0.0	0.0	14.6	1.4	N/A
		01/30/13	52.6%	0.0%	N/A	51.9%	0.0%	0.97	0.3	NM	NM	NM	NM	0.0	0.0	1.8	20.2	N/A
		05/01/13	52.0%	0.0%	N/A	51.4%	0.3%	0.61	0.5	NM	NM	NM	NM	0.0	0.0	0.4	20.3	N/A
	29.5 ft	09/13/10	NS	NS		NS	NS	NS	NS	0.0	NS	NS	NS	NS	NS	NS	NS	NS
		12/01/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/18/11	52.1%	0.0%	N/A	49.2%	0.0%	8300	OVR	64.0	2.0	8.0	1.0	1.5	25.0	3.5	16.3	N/A
		04/05/11	63.9%	0.0%	N/A	47.9%	0.0%	50220	OVR	1.0	0.0	22.0	3.4	0.0	55.0	0.0	19.8	N/A
		08/09/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/14/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/30/12	51.7%	0.0%	N/A	91.8%	0.0%	12700	5964	4.0	3.0	0.0	0.4	1.1	23.0	12.6	0.6	N/A
		04/20/12	70.8%	0.0%	0.3%	61.8%	0.0%	8700	1450	NM	NM	NM	NM	0.3	7.0	12.1	1.2	N/A
		07/19/12	56.3%	0.0%	N/A	50.9%	0.0%	13100	1850	NM	NM	NM	NM	0.3	7.0	13.5	1.3	N/A
		10/09/12	72.8%	0.0%	N/A	41.7%	0.0%	4400	780	NM	NM	NM	NM	0.5	9	15.0	1.3	N/A
		01/30/13	53.2%	0.0%	N/A	52.6%	0.0%	540	245	NM	NM	NM	NM	0.0	0.0	5.1	15.9	N/A
		05/01/13	51.3%	0.0%	N/A	51.1%	0.2%	38.26	17.20	NM	NM	NM	NM	0.0	0.0	2.3	17.5	N/A
	5 ft	09/10/10	53.6%	3.8%		51.4%	4.0%	2320000	1.6	0.0	0.0	OVR	0.0	17.9	OVR	20.1	0.0	3.2%
		12/01/10	42.6%	0.5%		33.5%	0.7%	3.0	1.6	2.0	0.0	0.0	12.7	0.1	2.0	2.7	13.5	N/A
		02/17/11	54.1%	0.0%	0.0%	68.1%	0.0%	155	1.0	3.0	0.0	3.0	2.9	0.2	3.0	2.4	2.6	N/A
		04/05/11	59.6%	0.0%	N/A	54.9%	0.2%	0.0	0.5	0.0	0.0	0.0	19.2	0.0	0.0	2.7	19.0	N/A
		08/08/11	59.0%	1.0%	N/A	61.5%	1.0%	49000	38	17	0.0	5.0	0.3	6.8	OVR	18.2	0.1	N/A
		11/14/11	61.1%	0.0%	N/A	62.7%	0.0%		0.9	0.0	0.0	0.0	12.7	0.0	0.0	8.2	15.1	N/A
		01/26/12	50.6%	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/20/12	52.0%	0.0%	N/A	66.6%	0.0%	0.0	0.2	NM	NM	NM	NM	0.0	0.0	3.3	19.8	N/A
		07/23/12	52.0%	0.0%	N/A	70.2%	0.0%	2.1	2.0	N/A	N/A	N/A	N/A	0.0	0.0	9.0	9.1	N/A
		10/10/12	56.0%	0.0%	N/A	40.5%	0.8%	0.0	0.9	NM	NM	NM	NM	0.0	0.0	1.3	21.7	N/A
		01/31/13	50.8%	0.0%	N/A	46.0%	0.6%	1.76	0.3	NM	NM	NM	NM	0.0	0.0	0.1	21.3	N/A
		05/01/13	52.1%	0.0%	N/A	57.9%	2.6%	1.31	0.7	NM	NM	NM	NM	0.0	0.0	0.0	20.4	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2											Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-14	11.5 ft	09/10/10	52.3%	7.0%		47.2%	7.3%	7410000	10.4	42.0	75.0	OVR	0.0	OVR	OVR	16.5	0.0	6.8%
		12/02/10	53.5%	0.0%		50.7%	2.0%	7494	1.1	251	10.0	5.0	0.6	18.3	OVR	4.6	0.5	N/A
		02/17/11	55.0%	0.0%	0.0%	80.0%	0.0%	86.2	95.8	4.0	0.0	4.0	3.6	0.5	10.0	3.8	3.7	N/A
		04/05/11	90.0%	0.0%	N/A	49.8%	0.0%	766	118.5	0.0	0.0	0.0	8.6	0.3	6.0	12.0	8.6	N/A
		08/08/11	57.0%	6.6%	OVR	59.0%	6.7%	253000	104	163	36.0	100	0.3	OVR	OVR	16.3	0.3	N/A
		11/15/11	75.8%	1.0%	OVR	60.1%	0.6%	42000	103.2	15.0	0.0	66.0	0.0	9.2	OVR	14.2	2.2	N/A
		01/26/12	68.4%	1.0%	N/A	55.1%	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/23/12	55.0%	0.0%	N/A	59.3%	0.0%	0.0	0.6	NM	NM	NM	NM	0.0	0.0	4.9	9.6	N/A
		07/25/12	59.3%	0.0%	N/A	65.9%	0.0%	22900	18.3	N/A	N/A	N/A	N/A	4.8	96.0	16.2	0.6	N/A
		10/10/12	67.8%	0.0%	N/A	53.5%	0.0%	1.0	0.7	NM	NM	NM	NM	0.0	0.0	8.2	19.1	N/A
		01/31/13	49.4%	0.0%	N/A	42.5%	0.1%	0.91	0.2	NM	NM	NM	NM	0.0	0.0	0.5	21.0	N/A
		05/01/13	53.1%	0.0%	N/A	50.3%	0.2%	0.59	0.5	NM	NM	NM	NM	0.0	0.0	0.3	20.4	N/A
	20 ft	09/10/10	63.8%	7.8%		50.5%	7.7%	OVR	56.8	186	0.0	OVR	0.0	OVR	OVR	17.2	0.0	6.6%
		12/02/10	54.5%	6.2%		45.6%	6.6%	25400	264	148	0.0	OVR	0.5	OVR	OVR	19.2	0.5	6.1%
		02/18/11	53.0%	2.8%	OVR	53.1%	2.6%	58370	1282	305	4.0	OVR	1.6	OVR	OVR	16.8	0.4	N/A
		04/05/11	60.1%	1.2%	OVR	53.6%	2.2%	233000	856.7	71.0	2.0	OVR	0.3	OVR	OVR	16.5	0.3	N/A
		08/08/11	58.2%	8.2%	N/A	53.2%	6.6%	810000	351	402	3.0	100	0.3	OVR	OVR	15.4	0.2	N/A
		11/15/11	85.2%	4.5%	OVR	61.1%	3.8%	425000	297	240	0.0	OVR	0.0	OVR	OVR	17.1	1.3	N/A
		01/26/12	50.5%	3.2%	N/A	87.7%	3.2%	220000	1004	303	4.0	OVR	0.3	OVR	OVR	17.9	0.4	N/A
		04/20/12	56.6%	1.1%	84.2%	63.3%	1.3%	136000	1049	NM	NM	NM	NM	84.8	OVR	15.0	0.7	N/A
		07/25/12	63.7%	0.7%	83.8%	50.3%	1.0%	120000	365	N/A	N/A	N/A	N/A	83.5	OVR	15.8	0.8	N/A
		10/16/12	60.4%	1.2%	NM	35.4%	0.8%	110000	775	NM	NM	NM	NM	75.4	OVR	18.0	1.0	N/A
		01/31/13	50.4%	0.0%	N/A	40.6%	0.0%	72200	1280	NM	NM	NM	NM	35.3	OVR	13.4	3.4	N/A
		05/01/13	51.9%	0.9%	7.1%	52.1%	0.7%	26900	180	NM	NM	NM	NM	7.5	OVR	5.9	10.9	N/A
	29 ft	09/10/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		12/01/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/18/11	54.0%	6.8%	86.0%	66.4%	2.5%	85560	1502	624	8.0	OVR	0.4	OVR	OVR	16.5	0.3	N/A
		04/05/11	58.1%	2.1%	OVR	48.8%	2.4%	276000	1420	100	5.0	OVR	0.2	OVR	OVR	15.7	0.3	N/A
		08/08/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/15/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/26/12	55.2%	3.1%	N/A	42.3%	2.5%	233000	935	391	3.0	OVR	0.3	OVR	OVR	17.4	0.5	N/A
		04/20/12	56.4%	1.0%	>>>	55.7%	1.1%	170000	1482.0	NM	NM	NM	NM	OVR	OVR	14.8	0.8	N/A
		07/25/12	58.0%	0.9%	83.5%	50.1%	0.8%	141000	500	N/A	N/A	N/A	N/A	83.8	OVR	15.2	0.9	N/A
		10/16/12	53.3%	1.0%	NM	47.7%	1.1%	103000	935	NM	NM	NM	NM	82.0	OVR	16.8	1.1	N/A
		01/31/13	53.0%	0.0%	N/A	43.8%	0.0%	126000	1400	NM	NM	NM	NM	95.8	OVR	16.6	0.4	N/A
		05/02/13	51.0%	0.0%	N/A	52.0%	1.1%	320000	790	NM	NM	NM	NM	OVR	OVR	11.6	1.2	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2											Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-15	5 ft	09/14/10	64.4%	0.0%		49.9%	0.0%	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	17.0	0.3	N/A
		11/30/10	47.9%	0.3%		41.5%	0.5%	1058	29.6	1.0	0.0	22.0	1.5	1.9	38.0	15.2	1.4	N/A
		02/16/11	55.1%	0.0%	0.3%	63.7%	0.0%	214	50.2	2.0	0.0	4.0	3.6	0.5	9.0	11.0	3.9	N/A
		04/20/11	55.0%	0.0%	N/A	61.0%	0.0%	662	35.8	0.0	0.0	5.0	1.9	0.2	5.0	15.4	2.9	N/A
		08/08/11	64.0%	0.0%	N/A	63.9%	0.0%	0.0	2.4	3.0	0.0	0.0	1.4	0.0	0.0	18.1	1.2	N/A
		11/15/11	82.0%	0.0%	N/A	55.4%	0.0%	0.0	1.6	0.0	0.0	0.0	2.6	0.0	0.0	11.4	7.3	N/A
		02/01/12	55.0%	0.0%	N/A	70.9%	0.0%	0.0	1.4	0.0	0.0	0.0	9.9	0.0	0.0	9.7	10.2	N/A
		04/24/12	53.7%	0.0%	N/A	73.7%	0.0%	301	6.3	NM	NM	NM	NM	0.0	0.0	11.4	4.2	N/A
		07/25/12	50.7%	0.0%	N/A	45.0%	0.0%	1.8	1.5	NM	NM	NM	NM	0.0	0.0	11.9	10.0	N/A
		10/25/12	55.4%	0.0%	N/A	54.0%	0.0%	1.0	0.6	NM	NM	NM	NM	0.0	0.0	8.3	12.5	N/A
		02/05/13	66.1%	0.0%	N/A	40.2%	0.0%	0.95	0.2	NM	NM	NM	NM	0.0	0.0	6.4	11.0	N/A
		05/09/13	76.3%	0.0%	N/A	75.4%	0.0%	15.2	0.7	NM	NM	NM	NM	0.0	0.0	4.0	8.8	N/A
	21.5 ft	09/14/10	50.1%	3.9%		28.1%	3.6%	1960000	9.5	5.0	92.0	OVR	0.0	30.8	OVR	19.1	0.0	3.4%
		11/30/10	42.2%	2.2%		47.5%	2.8%	10700	26.1	0.0	8.0	OVR	0.5	17.8	OVR	19.2	0.5	N/A
		02/16/11	52.5%	0.7%	13.0%	47.9%	0.6%	14310	89.0	3.0	66.0	72.0	2.1	15.3	OVR	18.7	0.5	N/A
		04/20/11	52.3%	1.0%	19.5%	50.3%	1.5%	1320000	96.6	0.0	2.0	OVR	0.0	24.8	OVR	19.1	0.0	N/A
		08/08/11	52.5%	5.0%	N/A	50.8%	4.8%	280000	43.5	24.0	94.0	100	0.2	31	OVR	17.4	0.2	N/A
		11/15/11	56.2%	0.4%	6.5%	72.7%	0.6%	41500	106.2	3.0	0.0	15.0	0.0	6.9	OVR	16.5	0.7	N/A
		02/01/12	60.2%	0.0%	N/A	63.9%	0.1%	31200	143.9	0.0	0.0	44.0	2.0	6.3	OVR	18.1	0.5	N/A
		04/24/12	57.2%	0.0%	N/A	85.5%	0.0%	19500	57.5	NM	NM	NM	NM	1.8	36	17.1	0.6	N/A
		07/25/12	50.1%	0.0%	N/A	49.2%	0.0%	15900	50.0	NM	NM	NM	NM	2.5	53.0	15.7	1.8	N/A
		10/25/12	65.8%	0.0%	N/A	43.8%	0.0%	14700	41.25	NM	NM	NM	NM	1.9	37	3.2	5.9	N/A
		02/07/13	55.2%	0.0%	N/A	55.0%	0.5%	570	2.5	NM	NM	NM	NM	0.1	2	14.7	4.8	N/A
		05/15/13	57.7%	0.3%	7.4%	47.4%	0.7%	40600	38.22	NM	NM	NM	NM	9.3	OVR	10.3	1.6	N/A
	25.5 ft	09/14/10	50.3%	6.3%		30.9%	8.1%	11780	29.9	1.0	0.0	15.0	0.0	1.6	32.0	7.7	11.1	4.1%
		12/02/10	62.4%	0.6%		62.2%	9.2%	20.0	1.9	1.0	0.0	0.0	14.3	0.1	2.0	4.1	14.8	10.7%
		02/16/11	52.7%	4.1%	3.5%	55.7%	4.8%	1850	89.6	2.0	27.0	41.0	7.0	1.9	40.0	8.6	6.2	N/A
		04/20/11	52.0%	8.3%	2.0%	50.0%	5.9%	10000	17.6	0.0	0.0	10.0	10.7	3.0	21.0	5.2	9.9	N/A
		08/08/11	57.3%	4.3%	N/A	57.5%	8.6%	67.2	11.9	3.0	0.0	0.0	5.0	0.0	0.0	13.9	4.8	N/A
		11/15/11	59.2%	3.2%	0.6%	51.5%	5.8%		80.7	0.0	0.0	13	6.5	0.6	13.0	7.1	10.6	N/A
		02/01/12	62.5%	NS	N/A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/24/12 [10]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		07/31/12	55.9%	0.0%	0.2%	50.5%	0.0%	2450	25.5	NM	NM	NM	NM	0.2	4.0	3.2	18.8	N/A
		10/25/12	62.3%	0.4%	0.3%	42.1%	1.2%	2030	22.01	NM	NM	NM	NM	0.4	7	5.2	13.5	N/A
		02/12/13	49.6%	0.0%	N/A	88.5%	0.0%	7000	55.0	NM	NM	NM	NM	1.5	30	13.2	4.6	N/A
		05/09/13	61.1%	0.3%	OVR	58.5%	0.4%	46400	44.81	NM	NM	NM	NM	11.6	OVR	13.6	1.8	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2											Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
	29 ft	09/14/10	56.1%	10.1%		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		12/02/10	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/16/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/20/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		08/08/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/15/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/01/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/24/12 [13]	52.1%	5.1%	0.3%	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		07/31/12	54.6%	0.0%	0.2%	50.1%	0.1%	2300	29.5	NM	NM	NM	NM	0.2	5.0	3.5	18.5	N/A
		10/25/12	52.1%	0.1%	0.4%	48.5%	1.6%	1340	23.00	NM	NM	NM	NM	0.3	6.0	4.1	14.1	N/A
		02/12/13	51.2%	0.5%	N/A	54.5%	0.7%	653	9.0	NM	NM	NM	NM	0.1	2.0	4.1	15.2	N/A
		05/09/13	58.7%	2.4%	0.2%	53.9%	1.5%	236	4.5	NM	NM	NM	NM	0.0	0.0	4.1	6.9	N/A
	5 ft	09/02/10	61.2%	15.1%		23.1%	12.1%	OVR	6.2	167	9.0	OVR	0.0	OVR	OVR	19.4	0.6	14.0%
		11/29/10	50.0%	15.0%		47.8%	12.7%	86300	29.4	13.0	0.0	OVR	0.6	OVR	OVR	18.1	1.5	12.6%
		02/15/11	52.6%	5.4%	OVR	75.3%	5.5%	OVR	119	31.0	2.0	OVR	2.1	OVR	OVR	14.3	0.0	N/A
		04/22/11	52.4%	11.8%	OVR	54.0%	12.6%	OVR	76.7	27.0	3.0	OVR	0.0	OVR	OVR	17.3	0.4	N/A
		08/05/11	52.3%	2.3%	3.0%	57.3%	4.9%	OVR	220.6	6.0	0.0	26.0	0.0	20.7	OVR	12.7	1.9	N/A
		11/16/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/01/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/25/12	54.1%	0.2%	OVR	51.0%	4.3%	375000	81.5	NM	NM	NM	NM	OVR	OVR	14.0	2.0	N/A
		07/30/12	57.6%	0.0%	N/A	53.2%	0.0%	46000	141	NM	NM	NM	NM	OVR	OVR	20.3	0.1	N/A
		10/25/12	52.8%	0.0%	20.4	50.4%	0.0%	20100	279	NM	NM	NM	NM	22.2	OVR	15.0	1.5	N/A
		02/14/13	56.4%	0.0%	N/A	73.5%	1.5%	620	77.49	NM	NM	NM	NM	0.3	8.0	5.1	15.6	N/A
		04/23/13	55.7%	0.0%	N/A	61.6%	1.1%	720	280	NM	NM	NM	NM	1.1	22	9.9	11.4	N/A
	13.5 ft	09/02/10	51.2%	13.6%		31.2%	13.6%	OVR	32.6	170	10.0	OVR	0.0	OVR	OVR	19.4	0.1	16.2%
		11/29/10	52.5%	14.6%		42.1%	16.0%	128300	32.8	15.0	4.0	OVR	0.7	OVR	OVR	18.6	0.8	16.4%
		02/16/11	36.1%	6.1%	OVR	73.4%	5.7%	2530000	92.3	66.0	4.0	OVR	0.3	OVR	OVR	14.3	0.2	N/A
		04/22/11	62.0%	14.0%	OVR	70.0%	11.4%	OVR	80.2	0.0	4.0	OVR	0.0	OVR	OVR	17.0	1.8	N/A
		08/05/11	67.8%	9.6%	1.0%	61.5%	6.6%	70800	32.1	33.0	1.0	25.0	0.0	32.4	OVR	13.9	2.0	N/A
		11/16/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/01/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/25/12	63.1%	8.9%	OVR	50.1%	10.1%	OVR	50.0	NM	NM	NM	NM	OVR	OVR	14.1	1.3	N/A
		07/30/12	64.0%	0.0%	N/A	53.5%	6.4%	666000	53.0	NM	NM	NM	NM	OVR	OVR	16.4	0.6	N/A
		10/25/12	51.7%	4.9%	OVR	48.8%	7.3%	544000	99.0	NM	NM	NM	NM	OVR	OVR	15.5	1.6	N/A
		02/14/13	57.5%	2.7%	N/A	47.5%	2.5%	168000	180	NM	NM	NM	NM	OVR	OVR	13.8	1.4	N/A
VMP-16		04/23/13	53.6%	5.6%	OVR	58.3%	5.5%	510000	112	NM	NM	NM	NM	OVR	OVR	13.6	1.1	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2											Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
~~VMP-16~~	19 ft	09/02/10	51.9%	11.4%		20.7%	16.8%	OVR	0.0	162	12.0	Off	0.0	OVR	OVR	18.5	0.0	15.6%
		11/29/10	56.3%	14.3%		49.3%	14.6%	126100	36.1	12.0	2.0	OVR	0.9	OVR	OVR	18.5	0.8	15.0%
		02/16/11	54.6%	5.1%	OVR	60.0%	4.8%	2640000	87.5	93.0	5.0	OVR	0.3	OVR	OVR	14.6	0.2	N/A
		04/27/11	51.3%	10.6%	OVR	67.3%	27.8%	4390000	111	3.0	0.0	OVR	1.6	OVR	OVR	11.7	1.8	N/A
		08/05/11	57.2%	7.7%	3.6%	41.6%	13.3%	1800	171.2	6.0	0.0	8.0	0.0	0.3	6.0	4.7	15.7	N/A
		11/16/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/01/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/25/12	65.0%	9.6%	OVR	58.5%	12.6%	OVR	53.42	NM	NM	NM	NM	OVR	OVR	14.3	0.7	N/A
		07/30/12	61.2%	0.0%	N/A	55.0%	3.9%	OVR	50.5	NM	NM	NM	NM	OVR	OVR	15.7	0.3	N/A
		10/25/12	52.3%	7.9%	OVR	68.4%	9.4%	583000	100	NM	NM	NM	NM	OVR	OVR	15.0	1.5	N/A
		02/14/13	42.3%	7.0%	N/A	60.3%	2.6%	605000	77.32	NM	NM	NM	NM	OVR	OVR	13.9	1.4	N/A
		04/23/13	51.1%	4.5%	OVR	55.2%	4.2%	620000	130	NM	NM	NM	NM	OVR	OVR	13.4	2.4	N/A
	31 ft	09/03/10	50.2%	15.1%		41.2%	14.8%	131	1.3	2.0	0.0	36.0	2.4	0.0	0.0	0.3	15.5	14.6%
		11/29/10	51.5%	14.4%		35.2%	14.4%	83500	37.1	12.0	3.0	OVR	0.6	OVR	OVR	18.9	0.7	13.9%
		02/16/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/22/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		08/05/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/16/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/01/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/25/12	67.0%	10.5%	OVR	51.5%	11.9%	OVR	58.46	NM	NM	NM	NM	OVR	OVR	14.0	1.0	N/A
		07/30/12	55.4%	11.0%	N/A	50.3%	8.1%	OVR	48.9	NM	NM	NM	NM	OVR	OVR	15.6	0.0	N/A
		10/25/12	51.9%	9.5%	OVR	50.1%	9.5%	933000	83.0	NM	NM	NM	NM	OVR	OVR	15.5	1.6	N/A
		02/18/13[9]	54.0%	9.8%	OVR	48.9%	7.9%	917000	61.25	NM	NM	NM	NM	OVR	OVR	14.7	1.0	N/A
		04/23/13	51.6%	5.7%	OVR	54.2%	5.9%	948000	133	NM	NM	NM	NM	OVR	OVR	13.8	1.2	N/A
VMP-17	5 ft	06/21/10	48.8%	0.0%		36.1%	0.0%		0.0	4.0	0.0	0.0	11.9			OVR		N/A
		09/01/10	64.5%	0.0%		55.2%	0.0%	0.0	0.0	2.0	0.0	0.0	0.0	0.6	12.0	8.1	11.0	N/A
		11/22/10	60.0%	0.0%		47.1%	0.0%	9.1	1.8	5.0	0.0	0.0	15.1	0.0	0.0	5.6	15.2	N/A
		02/07/11	51.7%	0.0%	0.0%	49.6%	0.0%	295	0.3	2.0	0.0	0.0	18.2	0.0	0.0	3.0	18.1	N/A
		04/06/11	62.5%	0.0%	0.1%	33.6%	0.0%	3.9	0.7	0.0	0.0	0.0	17.1	0.1	2.0	2.8	17.1	N/A
		08/01/11	52.8%	0.0%	N/A	31.8%	0.0%	0.0	5.0	3.0	0.0	0.0	10.2	0.0	0.0	6.6	13.5	N/A
		11/07/11	60.7%	0.0%	N/A	61.0%	0.0%		0	0.0	0.0	0.0	17.1	0.0	0.0	3.6	17.0	N/A
		01/26/12	53.4%	0.0%	N/A	52.8%	0.0%	2.0	1.1	1.0	0.0	0.0	17.2	0.0	0.0	3.0	17.5	N/A
		04/11/12	55.1%	0.0%	N/A	71.9%	0.1%	2.0	0.4	NM	NM	NM	NM	0.0	0.0	1.3	20.0	N/A
		07/11/12	81.2%	0.0%	0.0%	64.2%	0.0%	2.2	0.8	NM	NM	NM	NM	0.0	0.0	0.5	20.2	N/A
		10/09/12	52.8%	0.0%	N/A	41.4%	0.1%	2.0	1.4	NM	NM	NM	NM	0.0	0.0	0.6	20.4	N/A
		01/31/13	64.5%	0.0%	N/A	61.4%	0.2%	2.82	0.4	NM	NM	NM	NM	0.0	0.0	0.2	21.1	N/A
		05/01/13	63.4%	0.0%	N/A	69.8%	0.3%	1.37	0.5	NM	NM	NM	NM	0.0	0.0	0.4	20.6	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2										Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-18	8.5 ft	06/18/10	47.8%	0.0%	.	34.8%	0.0%		0.3	4.0	0.0	6.0	12.6			OVR		N/A
		09/07/10	63.7%	0.0%		63.7%	0.1%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2	12.4	N/A
		11/19/10	55.2%	0.0%		67.2%	0.1%	4.3	3.1	4.0	0.0	9.0	10.4	0.3	6.0	9.9	10.6	N/A
		02/09/11	61.3%	0.0%	N/A	42.9%	0.0%	196	0.9	0.0	0.0	0.0	14.6	0.1	2.0	7.1	15.4	N/A
		04/07/11	58.1%	0.1%	N/A	61.3%	0.4%	14.0	1.0	0.0	0.0	0.0	13.4	0.0	0.0	6.4	13.1	N/A
		07/28/11	54.2%	0.0%	N/A	70.7%	0.0%	0.0	5.6	0.0	0.0	0.0	8.0	0.0	0.0	8.3	12.5	N/A
		11/07/11	51.4%	0.0%	N/A	52.8%	0.0%		0.0	0.0	0.0	0.0	13.3	0.0	0.0	8.2	13.3	N/A
		01/23/12	56.1%	0.0%	N/A	52.0%	0.0%	0.0	0.2	0.0	0.0	0.0	15.7	0.0	0.0	5.7	16.1	N/A
		04/10/12	67.9%	0.0%	N/A	57.9%	0.1%	2.0	0.6	NM	NM	NM	NM	0.0	0.0	5.4	17.4	N/A
		07/12/12	51.6%	0.0%	0.0%	48.1%	0.0%	4.1	1.5	NM	NM	NM	NM	0.0	0.0	4.6	18.4	N/A
		10/09/12	55.4%	0.0%	N/A	43.4%	0.0%	1.0	1.1	NM	NM	NM	NM	0.0	0.0	4.7	18.3	N/A
		01/23/13	54.0%	0.0%	N/A	53.0%	0.0%	0.48	0.3	NM	NM	NM	NM	0.0	0.0	1.3	20.1	N/A
		05/01/13	61.2%	0.0%	N/A	56.8%	0.2%	0.74	0.4	NM	NM	NM	NM	0.0	0.0	0.8	19.7	N/A
VMP-19	5 ft	06/18/10	46.8%	0.0%		11.8%	0.0%		0.3	10.0	0.0	0.0	12.6			OVR		N/A
		09/01/10	52.0%	0.0%		58.6%	1.1%	22.8	1.1	2.0	0.0	0.0	0.0	0.7	12.0	10.7	8.5	N/A
		11/15/10	57.4%	0.0%		63.4%	0.0%	0.0	0.0	0.0	0.0	8.0	11.0	0.0	0.0	8.6	4.4	N/A
		02/09/11	57.5%	0.3%	N/A	42.5%	0.4%	554	1.3	0.0	0.0	3.0	15.5	0.1	1.0	6.9	16.4	N/A
		04/07/11	52.3%	0.0%	N/A	68.0%	0.2%		0.2	0.0	0.0	0.0	15.0	0.2	3.0	5.3	15.4	N/A
		08/09/11	57.1%	0.0%	N/A	59.3%	0.3%		5.0	23.0	0.0	0.0	10.8	0.0	1.0	9.8	10.3	N/A
		11/08/11	75.8%	0.0%	N/A	54.7%	0.0%	0.0	0.3	0.0	0.0	0.0	14.3	0.0	0.0	6.5	14.3	N/A
		01/26/12	89.6%	0.0%	N/A	69.1%	0.0%	2.0	0.4	0.0	0.0	0.0	15.6	0.0	0.0	5.0	15.4	N/A
		04/10/12	59.5%	0.0%	N/A	72.7%	0.3%	1.9	0.6	NM	NM	NM	NM	0.0	0.0	2.2	19.8	N/A
		07/11/12	54.5%	0.0%	0.0%	60.0%	0.0%	3.7	1.3	NM	NM	NM	NM	0.0	0.0	0.8	20.3	N/A
		10/09/12	54.3%	0.0%	N/A	53.4%	0.1%	1.0	1.2	NM	NM	NM	NM	0.0	0.0	0.5	20.7	N/A
		01/31/13	65.4%	0.0%	N/A	48.7%	0.0%	3.11	0.5	NM	NM	NM	NM	0.0	0.0	0.2	21.3	N/A
		04/30/13	51.2%	0.0%	N/A	49.6%	0.2%	2.65	0.7	NM	NM	NM	NM	0.0	0.0	0.2	20.4	N/A
	5 ft	03/14/11	53.4%	0.0%	N/A	60.9%	0.0%	0.0	2.1	10.0	0.0	0.0	7.0	0.0	0.0	10.3	7.6	N/A
		04/15/11	52.0%	0.0%	N/A	80.0%	0.0%		0.2	8.0	0.0	0.0	5.4	0.0	0.0	8.7	8.9	N/A
		07/25/11	52.4%	0.0%	N/A	51.0%	0.0%	0.0	0.4	0.0	0.0	0.0	3.5	0.0	0.0	14.9	6.9	N/A
		11/01/11	70.0%	0.0%	N/A	58.4%	0.0%		0.6	0.0	0.0	0.0	18.5	0.0	0.0	8.3	13.6	N/A
		01/23/12	58.4%	0.0%	N/A	56.8%	0.0%	1.0	0.1	0.0	0.0	0.0	17.2	0.0	0.0	4.5	16.9	N/A
		04/10/12	74.5%	0.0%	0.0%	76.6%	0.0%	2.0	0.6	NM	NM	NM	NM	0.0	0.0	6.1	16	N/A
		07/11/2012[11]	57.7%	0.0%	N/A	61.5%	0.2%	2.2	1.0	N/A	N/A	N/A	N/A	0.0	0.0	10.2	11.9	N/A
		07/31/12	51.4%	0.0%	N/A	68.4%	0.0%	13.2	1.1	NM	NM	NM	NM	0.0	0.0	10.5	11.2	N/A
		10/04/12	63.4%	0.0%	N/A	49.0%	0.0%	1.0	0.4	NM	NM	NM	NM	0.0	0.0	6.4	15.5	N/A
		02/07/13[11]	76.2%	0.0%	N/A	58.5%	0.0%	0.46	0.3	NM	NM	NM	NM	0.0	0.0	3.9	17.6	N/A
		04/19/13	85.2%	1.3%	N/A	79.5%	2.3%	0.2	0.53	NM	NM	NM	NM	0.0	0.0	3.6	17.4	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2										Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-20	10 ft	03/14/11	52.1%	0.0%	N/A	36.4%	0.0%	0.0	0.7	0.0	0.0	0.0	8.0	0.0	0.0	9.4	7.0	N/A
		04/15/11	56.0%	0.0%	N/A	94.3%	0.0%		5.0	2.0	0.0	0.0	5.4	0.0	0.0	8.4	8.5	N/A
		07/25/11	56.2%	0.0%	N/A	51.6%	0.0%	0.0	2.6	0.0	0.0	0.0	2.6	0.1	0.0	8.2	7.0	N/A
		11/01/11	68.9%	0.0%	N/A	51.1%	0.0%		0.6	0.0	0.0	0.0	15.4	0.0	0.0	8.6	9.6	N/A
		01/23/12	61.3%	0.0%	N/A	58.2%	0.0%	0.0	0.1	0.0	0.0	0.0	15.4	0.0	0.0	6.2	14.7	N/A
		04/10/12	61.8%	0.0%	0.0%	72.6%	0.0%	2.0	0.6	NM	NM	NM	NM	0.0	0.0	6.3	13.3	N/A
		07/11/12	52.4%	0.0%	N/A	60.4%	0.0%	1.4	1.0	N/A	N/A	N/A	N/A	0.0	0.0	7.8	13.2	N/A
		10/04/12	60.0%	0.0%	N/A	49.7%	0.0%	1.0	0.6	NM	NM	NM	NM	0.0	0.0	8.0	14	N/A
		01/22/13	69.8%	0.0%	N/A	69.7%	0.2%	0.86	0.2	NM	NM	NM	NM	0.0	0.0	4.1	19.2	N/A
		04/19/13	53.0%	0.1%	N/A	56.4%	0.4%	0.2	0.36	NM	NM	NM	NM	0.0	0.0	3.9	17.6	N/A
	25 ft	03/14/11	52.0%	0.0%	N/A	38.5%	0.0%	0.0	1.4	0.0	0.0	0.0	2.2	0.0	0.0	10.0	2.2	N/A
		04/15/11	52.0%	0.0%	N/A	60.4%	0.0%		2.5	3.0	0.0	3.0	0.0	0.1	1.0	10.5	2.1	N/A
		07/26/11	51.8%	0.1%	N/A	39.8%	0.0%	4200	113.9	4.0	0.0	7.0	0.0	1.0	20.0	8.6	1.0	N/A
		11/01/11	51.5%	0.0%	N/A	53.0%	0.0%		0.5	0.0	0.0	0.0	5.6	0.0	0.0	9.3	2.2	N/A
		01/23/12	63.8%	0.0%	N/A	56.2%	0.0%	0.0	0.2	0.0	0.0	0.0	7.3	0.0	0.0	0.1	21.0	N/A
		04/10/12	65.9%	0.0%	0.0%	80.4%	0.0%	3.0	0.5	NM	NM	NM	NM	0.0	0.0	7.4	8.3	N/A
		07/11/12	51.5%	0.0%	N/A	50.0%	0.0%	2.0	1.1	N/A	N/A	N/A	N/A	0.0	0.0	6.9	10.4	N/A
		10/04/12	63.8%	0.0%	N/A	39.0%	0.0%	2.0	0.9	NM	NM	NM	NM	0.1	2	6.8	13.1	N/A
		01/22/13	52.5%	0.0%	N/A	37.2%	0.0%	0.20	0.20	NM	NM	NM	NM	0.0	0.0	6.7	15.8	N/A
		04/19/13	55.9%	0.0%	N/A	64.6%	0.0%	0.2	0.82	NM	NM	NM	NM	0.0	0.0	4.4	17.5	N/A
	39.5 ft	03/14/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/15/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		07/26/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/01/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/23/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/10/2012 [13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/12/12 [13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/04/12	62.9%	0.0%	N/A	45.7%	0.0%	3000	184	NM	NM	NM	NM	1.2	26.0	9.4	2.2	N/A
		01/23/13	56.4%	0.0%	N/A	33.5%	0.0%	850	110	NM	NM	NM	NM	0.5	11.0	9.7	2.0	N/A
		04/19/13	52.2%	0.0%	N/A	64.5%	0.0%	360	107	NM	NM	NM	NM	0.4	8	10.2	1.6	N/A
	5 ft	02/09/11	73.4%	0.0%	N/A	53.8%	1.9%	11780	273.0	0.0	0.0	30.0	9.1	43.4	OVR	6.5	9.2	N/A
		04/13/11	70.1%	0.0%	N/A	52.8%	0.2%	0.0	0.9	0.0	0.0	0.0	16.7	0.0	0.0	1.9	16.9	N/A
		07/25/11	55.4%	0.0%	N/A	49.7%	0.0%	0.0	3.7	0.0	0.0	0.0	2.0	0.0	0.0	14.5	7.1	N/A
		11/01/11	77.6%	0.0%	N/A	47.8%	0.0%		0.6	0.0	0.0	0.0	18.3	0.0	0.0	4.5	17.1	N/A
		01/23/12	58.6%	0.0%	N/A	62.1%	0.0%	0.0	0.2	0.0	0.0	0.0	19.9	0.0	0.0	1.5	19.8	N/A
		4/9/2012 [11]	60.7%	0.7%	0.0%	74.0%	0.0%	1.2	0.8	NM	NM	NM	NM	0.0	0.0	2.8	16.3	N/A
		04/24/12	64.2%	0.0%	N/A	55.9%	0.2%	4.3	0.7	NM	NM	NM	NM	0.0	0.0	3.2	16.7	N/A
		07/10/12	55.2%	0.0%	N/A	50.0%	0.0%	2.2	0.6	N/A	N/A	N/A	N/A	0.0	0.0	8.3	13.3	N/A
		10/04/12	55.6%	0.0%	N/A	48.1%	0.0%	1.0	0.5	NM	NM	NM	NM	0.0	0.0	4.1	16.9	N/A
		02/06/13	50.5%	0.0%	N/A	60.3%	0.1%	1.31	0.2	NM	NM	NM	NM	0.0	0.0	1.0	20.1	N/A
		05/10/13	56.5%	0.0%	N/A	53.5%	0.0%	1.14	0.2	NM	NM	NM	NM	0.0	0.0	0.1	20.4	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2											Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-21	10 ft	02/10/11	64.5%	0.0%	N/A	59.5%	0.0%	8350	533	9.0	0.0	27.0	8.1	24.9	OVR	7.5	8.7	N/A
		04/13/11	65.2%	0.0%	N/A	57.7%	0.4%	263	40.2	0.0	0.0	0.0	8.2	0.1	3.0	6.7	8.3	N/A
		07/25/11	55.0%	0.0%	N/A	49.2%	0.3%	0.0	3.7	0.0	0.0	0.0	2.6	0.0	0.0	7.5	8.1	N/A
		11/01/11	60.7%	0.0%	N/A	50.1%	0.0%		0.6	0.0	0.0	0.0	14.8	0.0	0.0	8.0	12.7	N/A
		01/23/12	59.0%	0.0%	N/A	61.8%	0.1%	0.0	0.2	0.0	0.0	0.0	17.4	0.0	0.0	5.6	16.2	N/A
		04/09/12	61.5%	0.0%	0.0%	61.0%	0.0%	2.0	1.0	NM	NM	NM	NM	0.0	0.0	4.5	16.2	N/A
		07/10/12	71.4%	0.0%	N/A	58.6%	0.0%	3.1	0.7	N/A	N/A	N/A	N/A	0.0	0.0	6.1	13.1	N/A
		10/04/12	50.9%	0.0%	N/A	47.2%	0.1%	3.0	0.9	NM	NM	NM	NM	0.0	0.0	6.5	14.7	N/A
		02/05/13	60.7%	0.0%	N/A	48.3%	0.0%	0.81	0.2	NM	NM	NM	NM	0.0	0.0	3.8	17.7	N/A
		05/10/13	65.9%	0.0%	N/A	61.2%	0.1%	0.67	0.3	NM	NM	NM	NM	0.0	0.0	0.4	20.4	N/A
	25 ft	02/10/11	50.7%	0.0%	N/A	54.5%	0.0%	48340	227	35.0	1.0	OVR	0.4	OVR	OVR	7.0	0.2	N/A
		04/14/11	55.0%	0.0%	N/A	66.0%	0.2%	102000	459	61.0	11.0	18.0	0.0	OVR	OVR	6.3	0.5	N/A
		07/26/11	61.6%	0.0%	N/A	59.2%	0.4%	102000	398.5	138	3.0	73.0	0.0	OVR	OVR	6.2	0.1	N/A
		11/01/11	65.7%	0.0%	N/A	64.7%	0.0%		348.4	17.0	4.0	11	0.6	3.3	67.0	9.3	0.3	N/A
		01/24/12	67.5%	1.4%	0.0%	64.6%	5.3%	192	7.9	0.0	0.0	3.0	4.1	0.0	0.0	11.4	1.3	N/A
		04/09/12	51.3%	0.0%	0.0%	74.0%	0.0%	20.0	1.3	NM	NM	NM	NM	0.0	0.0	12.1	2.1	N/A
		07/11/12	55.0%	0.0%	N/A	58.6%	0.0%	2.2	1.4	N/A	N/A	N/A	N/A	0.0	0.0	10.7	5.3	N/A
		10/04/12	54.9%	0.0%	N/A	77.7%	0.0%	2.0	0.6	NM	NM	NM	NM	0.0	0.0	8.6	10.1	N/A
		02/05/13	57.1%	0.0%	N/A	47.5%	0.0%	0.66	0.3	NM	NM	NM	NM	0.0	0.0	8.9	9.6	N/A
		05/10/13	54.6%	0.0%	N/A	61.3%	0.1%	0.51	0.3	NM	NM	NM	NM	0.0	0.0	3.0	17.3	N/A
	33 ft	02/10/11	51.9%	0.0%	N/A	51.2%	0.4%	63640	434	42.0	7.0	OVR	0.4	OVR	OVR	4.9	5.2	N/A
		04/14/11	59.9%	0.0%	N/A	59.9%	0.9%	98820	385	8.0	15.0	36.0	0.0	OVR	OVR	6.0	0.8	N/A
		07/26/11	NS	NS	N/A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/01/11	53.4%	0.0%	N/A	51.1%	0.0%		259.7	0.0	0.0	5.0	3.4	1.5	31.0	7.9	0.1	N/A
		01/24/12	55.5%	0.0%	0.0%	60.3%	0.0%	623	47.7	0.0	0.0	4.0	3.8	0.0	0.0	11.7	0.9	N/A
		4/9/2012 [12]	51.7%	0.0%	0.0%	67.1%	0.0%	619	16.95	NM	NM	NM	NM	0.0	1.0	12.4	0.5	N/A
		04/24/12	52.3%	0.0%	N/A	57.0%	0.0%	18.0	1.3	NM	NM	NM	NM	0.0	0.0	12.3	1.1	N/A
		07/11/12	51.6%	0.0%	N/A	50.2%	0.0%	5.7	1.7	N/A	N/A	N/A	N/A	0.0	0.0	12.0	2.6	N/A
		10/04/12	53.9%	0.0%	N/A	42.8%	0.1%	2.0	0.7	NM	NM	NM	NM	0.0	0.0	10.8	6.9	N/A
		02/05/13	67.5%	0.0%	N/A	61.6%	0.0%	0.99	0.2	NM	NM	NM	NM	0.0	0	10.1	8.4	N/A
		05/10/13	53.4%	0.0%	N/A	59.7%	0.1%	0.40	0.4	NM	NM	NM	NM	0.0	0.0	0.8	20.2	N/A
	5 ft	02/11/11	53.4%	0.0%	0.1%	52.4%	0.0%	105	26.4	2.0	0.0	0.0	7.3	0.0	0.0	9.0	6.5	N/A
		04/18/11	57.0%	0.0%	N/A	58.1%	0.0%	0.0	0.0	0.0	0.0	0.0	7.9	0.1	0.0	6.8	11.1	N/A
		07/26/11	55.5%	0.0%	N/A	65.0%	0.0%	0.0	3.1	7.0	0.0	2.0	8.1	0.0	0.0	7.6	11.9	N/A
		11/01/11	69.4%	0.0%	N/A	50.7%	0.0%		0.7	0.0	0.0	0.0	19.4	0.0	0.0	2.7	18.4	N/A
		01/24/12	53.0%	0.0%	N/A	54.5%	0.0%	0.0	0.2	0.0	0.0	0.0	20.4	0.0	0.0	0.8	19.8	N/A
		04/09/12	60.6%	0.0%	N/A	50.8%	0.1%	2.0	1.0	NM	NM	NM	NM	0.0	0.0	1.1	19.6	N/A
		07/09/12	55.5%	0.0%	N/A	50.2%	0.0%	3.1	1.2	NM	NM	NM	NM	0.0	0.0	3.0	18.5	N/A
		10/03/12	90.7%	1.2%	N/A	53.7%	0.1%	1.0	0.3	NM	NM	NM	NM	0.0	0.0	1.4	19.5	N/A
		01/24/13	52.0%	0.0%	N/A	31.9%	0.3%	1.18	0.2	NM	NM	NM	NM	0.0	0.0	0.4	20.6	N/A
		04/19/13	52.1%	0.0%	N/A	55.0%	0.0%	1.18	0.2	NM	NM	NM	NM	0.0	0.0	0.3	20.2	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2										Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-22	10 ft	02/11/11	52.1%	0.0%	0.1%	80.2%	0.0%	40.6	17.6	0.0	0.0	0.0	4.5	0.1	2.0	10.6	4.8	N/A
		04/18/11	51.0%	0.0%	N/A	49.5%	0.0%	0.0	0.0	0.0	0.0	0.0	6.4	0.0	1.8	8.4	6.8	N/A
		07/26/11	54.5%	0.0%	N/A	39.2%	0.0%	2.9	2.7	8.0	0.0	0.0	0.0	0.0	0.0	10.5	4.5	N/A
		11/01/11	62.2%	0.0%	N/A	56.5%	0.0%	0.0	0.6	0.0	0.0	0.0	18.5	0.0	0.0	5.9	15	N/A
		01/24/12	54.2%	0.0%	N/A	70.5%	0.0%	0.0	0.1	0.0	0.0	0.0	19.3	0.0	0.0	2.4	19.1	N/A
		04/09/12	56.0%	0.0%	N/A	51.7%	0.0%	0.0	1.0	NM	NM	NM	NM	0.0	0.0	1.6	18.9	N/A
		07/09/12	60.0%	0.0%	N/A	47.8%	0.0%	1.5	0.9	NM	NM	NM	NM	0.0	0.0	3.2	17.7	N/A
		10/03/12	64.3%	0.0%	N/A	54.0%	0.3%	2.0	0.5	NM	NM	NM	NM	0.0	0.0	1.6	19.3	N/A
		01/24/13	51.6%	0.0%	N/A	31.9%	0.0%	0.92	0.2	NM	NM	NM	NM	0.0	0.0	0.7	20.3	N/A
		04/19/13	52.1%	0.0%	N/A	55.6%	0.0%	0.86	0.3	NM	NM	NM	NM	0.0	0.0	0.3	20.5	N/A
	18 ft	02/11/11	52.0%	0.0%	30.2%	44.3%	0.0%	17430	326	2.0	1.0	54.0	0.9	31.5	OVR	12.0	0.0	N/A
		04/18/11	51.0%	0.0%	N/A	44.3%	0.0%	29430	258	3.0	6.0	24.0	0.0	21.7	OVR	10.7	0.3	N/A
		07/26/11	56.2%	0.0%	N/A	55.7%	0.0%	15800	205.8	27.0	3.0	24.0	0.0	11.5	OVR	10.5	0.8	N/A
		11/01/11	71.4%	0.0%	N/A	60.0%	0.0%		0.8	0.0	0.0	0.0	2.2	0.0	0.0	14.5	1.1	N/A
		01/24/12	58.0%	0.0%	N/A	77.1%	0.0%	0.0	0.2	0.0	0.0	0.0	14.1	0.0	0.0	10.6	8.8	N/A
		04/09/12	54.0%	0.0%	N/A	56.6%	0.1%	1.0	0.2	NM	NM	NM	NM	0.0	0.0	6.5	13.6	N/A
		07/09/12	62.5%	0.0%	N/A	68.1%	0.1%	2.3	1.5	NM	NM	NM	NM	0.0	0.0	4.2	16.8	N/A
		10/4/12[9]	55.2%	0.0%	N/A	51.6%	0.0%	0.0	0.3	NM	NM	NM	NM	0.0	0.0	3.1	19.2	N/A
		01/24/13	61.0%	0.0%	N/A	39.5%	0.0%	1.10	0.2	NM	NM	NM	NM	0.0	0.0	2.3	19.1	N/A
		04/22/13	54.2%	0.0%	N/A	52.4%	0.1%	0.36	0.2	NM	NM	NM	NM	0.0	0.0	1.0	19.3	N/A
	38 ft	02/11/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/18/11	55.0%	0.0%	N/A	50.0%	0.0%	60850	290	0.0	9.0	OVR	0.0	OVR	OVR	10.8	0.3	N/A
		07/26/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/01/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/24/12	62.0%	0.0%	N/A	51.0%	0.0%	142	40.1	0.0	0.0	0.0	3.2	0.0	0.0	16.4	0.8	N/A
		04/09/12	69.7%	0.0%	N/A	58.0%	0.0%	2.0	1.0	NM	NM	NM	NM	0.0	0.0	12.1	6.5	N/A
		07/09/12	54.8%	0.0%	N/A	58.9%	0.0%	1.2	1.0	NM	NM	NM	NM	0.0	0.0	6.4	14.8	N/A
		10/04/12	67.3%	0.0%	N/A	40.0%	0.0%	0.0	0.4	NM	NM	NM	NM	0.0	0.0	5.2	16.3	N/A
		01/24/13	71.0%	0.0%	N/A	32.8%	0.0%	0.88	0.3	NM	NM	NM	NM	0.0	0.0	5.1	17.1	N/A
		04/22/13	52.6%	0.0%	N/A	52.3%	0.1%	0.55	0.2	NM	NM	NM	NM	0.0	0.0	3.2	18.0	N/A
	5 ft	02/15/11	62.3%	0.0%	N/A	80.3%	0.7%	7.0	0.5	0.0	0.0	0.0	18.4	18.6	11.0	0.3	19.9	N/A
		04/21/11	60.0%	0.0%	N/A	52.3%	0.0%	0.0	0.7	23.0	0.0	0.0	14.7	0.0	2.0	5.5	15.1	N/A
		07/27/11	62.8%	0.0%	N/A	53.7%	0.0%	0.0	4.9	2.0	0.0	0.0	5.3	0.0	0.0	8.8	9.2	N/A
		11/02/11	61.4%	0.0%	N/A	55.6%	0.1%	0.0	1.1	0.0	0.0	0.0	17.5	0.0	0.0	3.1	16.6	N/A
		01/25/12	59.0%	0.0%	N/A	66.0%	0.1%	0.6	0.3	0.0	0.0	0.0	19.1	0.0	0.0	2.3	18.8	N/A
		04/09/12	70.0%	0.0%	N/A	59.3%	0.1%	4.0	0.7	NM	NM	NM	NM	0.0	0.0	0.9	19.8	N/A
		07/09/12	56.2%	0.0%	N/A	67.1%	0.2%	5.9	1.5	NM	NM	NM	NM	0.0	0.0	1.7	19.0	N/A
		10/03/12	62.5%	0.0%	N/A	40.0%	0.1%	5.0	0.5	NM	NM	NM	NM	0.0	0.0	0.7	20.2	N/A
		01/24/13	53.5%	0.0%	N/A	45.0%	0.0%	2.29	0.2	NM	NM	NM	NM	0.0	0.0	0.2	20.9	N/A
		04/22/13	52.5%	0.0%	N/A	60.0%	0.1%	1.41	0.2	NM	NM	NM	NM	0.0	0.0	0.4	20.4	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2										Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-23	10 ft	02/15/11	52.0%	0.0%	N/A	55.1%	0.0%	0.0	0.4	0.0	0.0	0.0	10.0	13.1	OVR	2.3	19.0	N/A
		04/21/11	52.3%	0.0%	N/A	58.2%	0.0%	0.0	1.2	16.0	0.0	0.0	11.8	0.2	6.0	6.5	12.1	N/A
		07/27/11	66.8%	0.0%	N/A	49.8%	0.0%	0.0	2.9	21.0	0.0	0.0	0.0	0.0	0.0	9.5	6.3	N/A
		11/02/11	71.0%	0.0%	N/A	59.8%	0.0%	0.0	1.2	0.0	0.0	0.0	11.6	0.0	0.0	7.3	10.1	N/A
		01/25/12	59.6%	0.0%	N/A	74.2%	0.0%	0.3	0.3	0.0	0.0	0.0	14.6	0.0	0.0	5.7	14.4	N/A
		04/09/12	59.7%	0.0%	N/A	53.7%	0.1%	2.0	0.7	NM	NM	NM	NM	0.0	0.0	1.0	19.5	N/A
		07/09/12	55.0%	0.0%	N/A	50.1%	0.0%	4.9	1.9	NM	NM	NM	NM	0.0	0.0	1.6	19.1	N/A
		10/03/12	60.2%	0.0%	N/A	41.0%	0.0%	3.0	0.6	NM	NM	NM	NM	0.0	0.0	0.9	19.8	N/A
		01/24/13	45.4%	0.0%	N/A	47.5%	0.0%	1.20	0.2	NM	NM	NM	NM	0.0	0.0	0.4	20.7	N/A
		04/22/13	53.3%	0.0%	N/A	59.9%	0.1%	1.01	0.2	NM	NM	NM	NM	0.0	0.0	0.3	19.8	N/A
	25 ft	02/15/11	54.5%	0.0%	N/A	51.9%	0.0%	0.0	1.2	0.0	0.0	0.0	2.1	0.0	1.0	14.9	0.6	N/A
		04/21/11	58.2%	0.0%	N/A	53.6%	0.0%	0.0	0.6	13.0	0.0	0.0	2.2	0.2	0.0	13.7	2.4	N/A
		07/27/11	58.7%	0.0%	N/A	45.2%	0.0%	7.0	4.4	22.0	0.0	0.0	0.0	0.0	0.0	11.9	1.3	N/A
		11/02/11	59.3%	0.0%	N/A	53.6%	0.0%		0.6	0.0	0.0	0.0	8.2	0.0	0.0	12.6	2.6	N/A
		01/25/12	52.4%	0.0%	N/A	NS	0.0%	235000	0.3	1.0	0.0	0.0	5.9	0.0	0.0	11.8	6.0	N/A
		04/09/12	60.0%	0.0%	N/A	50.3%	0.1%	2.0	2.0	NM	NM	NM	NM	0.0	0.0	5.5	15.0	N/A
		07/10/12	55.0%	0.0%	N/A	50.0%	0.0%	3.2	1.5	N/A	N/A	N/A	N/A	0.0	0.0	4.8	16.0	N/A
		10/03/12	62.4%	0.0%	N/A	40.0%	0.0%	2.0	0.7	NM	NM	NM	NM	0.0	0.0	4.0	17.5	N/A
		01/24/13	43.7%	0.0%	N/A	45.6%	0.0%	0.77	0.2	NM	NM	NM	NM	0.0	0.0	3.5	18.5	N/A
		04/22/13	52.4%	0.0%	N/A	56.6%	0.1%	0.38	0.3	NM	NM	NM	NM	0.0	0.0	1.5	18.8	N/A
	40 ft	02/15/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/21/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		07/27/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/02/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/25/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/09/12 [13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/10/2012[11]	53.1%	0.0%	N/A	51.8%	0.0%	4.1	0.6	N/A	N/A	N/A	N/A	0.0	0.0	6.0	12.4	N/A
		07/31/12 [13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/03/12	63.4%	0.0%	N/A	43.0%	0.0%	2.0	1.1	NM	NM	NM	NM	0.0	0.0	6.5	15.3	N/A
		01/24/13	67.2%	0.0%	N/A	42.0%	0.6%	0.82	0.2	NM	NM	NM	NM	0.0	0.0	5.9	16.8	N/A
		04/22/13	52.4%	0.0%	N/A	54.8%	0.1%	0.55	0.3	NM	NM	NM	NM	0.0	0.0	4.1	16.2	N/A
	5 ft	02/16/11	50.9%	0.0%	N/A	50.5%	0.0%	0.0	0.9	3.0	0.0	0.0	16.0	0.0	0.0	6.9	13.9	N/A
		04/08/11	53.5%	0.0%	N/A	53.1%	0.1%	41.7	0.7	0.0	0.0	0.0	15.0	0.0	0.0	4.9	15.9	N/A
		07/28/11	73.3%	0.0%	N/A	73.3%	0.0%	0.0	4.2	0.0	0.0	0.0	13.5	0.0	0.0	7.7	15.6	N/A
		11/02/11	75.6%	0.0%	N/A	52.4%	0.0%	0.0	1.0	0.0	0.0	0.0	14.2	0.0	0.0	8.7	12.8	N/A
		01/25/12	55.5%	0.0%	N/A	59.8%	0.0%	2.3	3.8	0.0	0.0	0.0	18.4	0.0	0.0	4.2	17.4	N/A
		04/09/12	69.9%	0.0%	N/A	59.8%	0.1%	2.8	1.5	NM	NM	NM	NM	0.0	0.0	5.2	17.5	N/A
		07/12/12	51.3%	0.0%	0.0%	55.2%	0.0%	4.3	1.5	NM	NM	NM	NM	0.0	0.0	5.4	16.6	N/A
		10/19/12[11]	67.2%	0.0%	N/A	37.2%	0.1%	1.0	0.4	NM	NM	NM	NM	0.0	0.0	4.0	18.2	N/A
		01/23/13	56.5%	0.0%	N/A	31.8%	0.0%	1.67	0.3	NM	NM	NM	NM	0.0	0.0	3.9	17.6	N/A
		05/01/13[9]	52.4%	0.0%	N/A	45.6%	0.2%	1.56	0.4	NM	NM	NM	NM	0.0	0.0	0.6	20.2	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2										Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-24	10 ft	02/17/11	51.0%	0.0%	N/A	59.5%	0.0%	0.0	0.3	0.0	0.0	0.0	20.9	0.0	0.0	0.0	19.9	N/A
		04/11/11	55.5%	0.0%	N/A	77.0%	0.0%	32.4	0.7	0.0	0.0	0.0	13.9	0.0	0.0	7.1	13.8	N/A
		07/28/11	63.1%	0.0%	N/A	50.7%	0.0%	0.0	5.2	0.0	0.0	0.0	8.6	0.0	0.0	0.1	22.6	N/A
		11/02/11	70.7%	0.0%	N/A	48.9%	0.0%	0.0	0.8	0.0	0.0	0.0	13.8	0.0	0.0	9.5	12.3	N/A
		01/25/12	54.3%	0.0%	N/A	53.2%	0.0%	1.0	1.2	0.0	0.0	0.0	15.7	0.0	0.0	8	13.8	N/A
		04/10/12	59.1%	0.0%	NS	63.8%	0.0%	0.0	0.5	NM	NM	NM	NM	0.0	0.0	6.4	15.9	N/A
		07/12/12	55.9%	0.0%	0.0%	51.2%	0.0%	3.6	1.6	NM	NM	NM	NM	0.0	0.0	6.4	15.0	N/A
		10/09/12	43.4%	0.0%	N/A	41.0%	0.0%	1.0	0.6	NM	NM	NM	NM	0.0	0.0	7.4	16.0	N/A
		01/23/13[9]	56.9%	0.0%	N/A	30.5%	0.0%	0.97	0.2	NM	NM	NM	NM	0.0	0.0	5.8	16.4	N/A
		04/25/13	51.8%	0.0%	N/A	57.5%	0.0%	8.15	4.2	NM	NM	NM	NM	0.0	0.0	2.2	19.4	N/A
	22 ft	02/17/11	52.5%	0.0%	N/A	50.5%	0.0%	0.0	0.9	4.0	0.0	0.0	11.9	0.0	2.0	10.3	10.6	N/A
		04/11/11	67.8%	0.0%	N/A	67.8%	0.0%	47.3	0.3	0.0	0.0	3.0	11.9	0.0	0.0	8.8	10.8	N/A
		07/28/11	52.0%	0.0%	N/A	42.6%	0.0%	0.0	4.3	0.0	0.0	0.0	8.4	0.0	0.0	9.7	12.4	N/A
		11/06/11	52.5%	0.0%	N/A	50.5%	0.0%		0.2	0.0	0.0	0.0	18.3	0.0	0.0	10.1	11.8	N/A
		01/25/12	57.8%	0.0%	N/A	72.4%	0.0%	25.0	3.0	0.0	0.0	0.0	18.7	0.0	0.0	8.9	13.2	N/A
		04/10/12	64.3%	0.0%	N/A	67.1%	0.0%	0.5	0.7	NM	NM	NM	NM	0.0	0.0	8.2	14.2	N/A
		07/12/12	52.4%	0.0%	0.0%	53.4%	0.0%	2.9	1.0	NM	NM	NM	NM	0.0	0.0	6.2	14.8	N/A
		10/09/12	50.3%	0.0%	N/A	53.2%	0.0%	2.0	0.9	NM	NM	NM	NM	0.0	0.0	7.9	15.3	N/A
		01/23/13	52.4%	0.0%	N/A	31.9%	0.0%	0.48	0.2	NM	NM	NM	NM	0.0	0.0	6.5	15.9	N/A
		04/25/13	53.5%	0.0%	N/A	53.6%	0.4%	0.81	0.5	NM	NM	NM	NM	0.0	0.0	4.7	16.7	N/A
	34 ft	02/17/11	52.2%	0.0%	N/A	60.1%	0.0%	0.0	1.9	30.0	0.0	0.0	10.9	0.2	3.0	10.6	10.5	N/A
		04/11/11	70.9%	0.0%	N/A	74.4%	0.0%	40.5	0.1	0.0	0.0	2.0	11.1	0.0	0.0	9.2	11.0	N/A
		07/28/11	52.6%	0.0%	N/A	38.1%	0.0%	0.0	5.8	2.0	0.0	0.0	8.1	0.0	0.0	9.7	12.5	N/A
		11/06/11	66.1%	0.0%	N/A	60.2%	0.0%		0.2	0.0	0.0	0.0	15.0	0.0	0.0	8.6	12.9	N/A
		01/25/12	72.1%	0.0%	N/A	50.3%	0.0%	22.0	0.9	0.0	0.0	0.0	16.0	0.0	0.0	7.6	13.9	N/A
		04/10/12	60.3%	0.0%	N/A	62.3%	0.1%	2.0	0.9	NM	NM	NM	NM	0.0	0.0	5.6	16.6	N/A
		07/12/12	51.3%	0.0%	0%	59.4%	0.0%	3.4	1.4	NM	NM	NM	NM	0.0	0.0	5.7	16.5	N/A
		10/09/12	53.0%	0.0%	N/A	43.2%	0.0%	2.0	0.9	NM	NM	NM	NM	0.0	0.0	7.1	15.5	N/A
		01/23/13	53.6%	0.0%	N/A	34.2%	0.0%	0.52	0.2	NM	NM	NM	NM	0.0	0.0	5.2	16.7	N/A
		05/06/13	51.7%	0.0%	N/A	45.4%	0.1%	1.34	0.6	NM	NM	NM	NM	0.0	0.0	2.7	18.5	N/A
	5 ft	03/15/11	55.9%	0.0%	N/A	53.4%	0.0%	159	88.2	0.0	0.0	0.0	2.0	0.0	0.0	5.0	1.8	N/A
		04/08/11	75.0%	0.0%	N/A	51.9%	0.0%	95.0	1.9	0.0	0.0	3.0	0.9	0.1	2.0	7.5	1.0	N/A
		08/09/11	66.0%	0.0%	0.0%	45.2%	0.0%	27900	2.4	4.0	0.0	0.0	16.8	0.0	0.0	16.0	2.8	N/A
		11/17/11	63.9%	0.0%	N/A			13.0	0.4	0.0	0.0	0.0	7.2	0.0	0.0	3.4	11.4	N/A
		01/31/12	54.0%	0.0%	N/A	53.0%	0.0%	0.0	0.3	0.0	0.0	0.0	11.2	0.0	0.0	2.5	11.0	N/A
		04/25/12	55.2%	0.0%	N/A	51.6%	0.0%	2.0	0.5	NM	NM	NM	NM	0.0	0.0	5.2	12.0	N/A
		07/26/12	60.7%	0.0%	0.0%	55.2%	0.1%	2.1	0.4	NM	NM	NM	NM	0.0	0.0	10.5	6.7	N/A
		10/26/12	56.9%	0.0%	N/A	55.4%	0.0%	3.0	0.5	NM	NM	NM	NM	0.0	0.0	5.0	13.2	N/A
		03/06/13	55.3%	0.0%	N/A	53.2%	0.0%	1.16	0.2	NM	NM	NM	NM	0.0	0.0	1.9	16.1	N/A
		05/17/13	53.0%	0.0%	N/A	52.7%	0.0%	0.61	0.5	NM	NM	NM	NM	0.0	0.0	1.7	17.8	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2										Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-25	9.5 ft	03/15/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/08/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		08/09/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/17/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/31/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/25/2012 [13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/26/12 [13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/26/12[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		03/06/13[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		05/17/13[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	21 ft	03/15/11	59.6%	8.2%	OVR	38.3%	8.9%	OVR	268.3	182	39.0	OVR	0.2	OVR	OVR	15.3	0.6	8.6%
		04/08/11	72.4%	4.1%	OVR	54.3%	4.6%	632000	150.0	OVR	54.0	OVR	0.8	OVR	OVR	14.4	0.8	N/A
		08/09/11	58.3%	11.4%	OVR	56.9%	10.2%	OVR	175.9	605	68.0	OVR	0.0	OVR	OVR	14.9	1.0	N/A
		11/17/11	60.3%	3.6%	OVR	50.7%	4.6%	OVR	125.2	380	0.0	OVR	0.0	OVR	OVR	14.4	1.1	N/A
		01/31/12	62.0%	7.5%	OVR	52.7%	8.6%	OVR	140.2	210	103	OVR	0.9	OVR	OVR	14.2	0.7	N/A
		04/25/12	70.2%	9.3%	OVR	57.3%	10.3%	OVR	83.9	NM	NM	NM	NM	OVR	OVR	11.8	1.3	N/A
		07/26/12	71.0%	8.8%	OVR	66.0%	6.9%	OVR	59.6	NM	NM	NM	NM	OVR	OVR	11.7	1.6	N/A
		10/26/12	54.0%	9.7%	OVR	54.3%	9.0%	OVR	74.85	NM	NM	NM	NM	OVR	OVR	14.2	4.7	N/A
		03/06/13	56.4%	5.6%	OVR	52.7%	6.3%	OVR	45.93	NM	NM	NM	NM	OVR	OVR	12.0	4.3	N/A
		05/17/13	52.7%	7.2%	OVR	74.2%	6.0%	734000	84.50	NM	NM	NM	NM	OVR	OVR	4.2	14.1	N/A
	31 ft	03/15/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/08/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		08/09/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/17/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/31/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/25/2012 [13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/26/12 [13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/26/12[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		03/06/13	57.5%	5.8%	OVR	54.0%	7.2%	OVR	52.14	NM	NM	NM	NM	OVR	OVR	12.7	1.7	N/A
		05/17/13[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-29	10 ft	07/30/12	61.9%	0.0%	N/A	57.8%	0.0%	6.8	2.5	NM	NM	NM	NM	0.0	0.0	8.8	9.2	N/A
		10/08/12	52.9%	0.0%	N/A	40.5%	0.0%	1.0	1.7	NM	NM	NM	NM	0.0	0.0	8.1	10.6	N/A
		02/06/13	76.5%	0.0%	N/A	63.2%	0.0%	0.91	0.4	NM	NM	NM	NM	0.0	0.0	1.5	19.3	N/A
		05/06/13	51.6%	0.0%	N/A	55.3%	0.2%	0.49	0.5	NM	NM	NM	NM	0.0	0.0	0.3	20.6	N/A
	20 ft	07/30/12	65.0%	0.0%	N/A	65.5%	0.1%	105	31.2	NM	NM	NM	NM	0.0	0.0	9.3	8.1	N/A
		10/08/12	54.1%	0.0%	N/A	45.6%	0.0%	10.0	7.3	NM	NM	NM	NM	0.0	0.0	8.8	9.4	N/A
		02/06/13	57.7%	0.0%	N/A	66.9%	0.1%	2.95	0.4	NM	NM	NM	NM	0.0	0.0	0.9	19.8	N/A
		05/06/13	52.7%	0.0%	N/A	53.0%	0.2%	2.34	2.1	NM	NM	NM	NM	0.0	0.0	0.7	20.0	N/A
	30 ft	07/30/12	68.1%	0.0%	N/A	49.6%	0.0%	75.0	17.2	NM	NM	NM	NM	0.0	0.0	10.3	5.7	N/A
		10/08/12	58.6%	0.0%	N/A	48.2%	0.0%	13.0	10.84	NM	NM	NM	NM	0.0	0.0	11.2	6.5	N/A
		02/06/13	58.7%	0.0%	N/A	37.1%	0.3%	3.83	0.8	NM	NM	NM	NM	0.0	0.0	2.3	18.5	N/A
		05/06/13	51.0%	0.0%	N/A	53.2%	0.2%	3.40	2.2	NM	NM	NM	NM	0.0	0.0	0.8	19.7	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2											Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-30	40 ft	7/30/12 [13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/08/12[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/06/13[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		05/06/13[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10 ft	07/30/12	59.5%	0.0%	N/A	54.4%	0.6%	27.5	19.6	NM	NM	NM	NM	0.0	0.0	4.6	14.2	N/A
		10/08/12	61.8%	0.0%	N/A	50.9%	0.0%	1.0	0.9	NM	NM	NM	NM	0.0	0.0	3.0	17.1	N/A
		02/06/13	52.6%	0.0%	N/A	58.8%	0.0%	0.39	0.1	NM	NM	NM	NM	0.0	0.0	0.1	20.9	N/A
		05/06/13	52.6%	0.0%	N/A	58.2%	0.2%	28.64	1.5	NM	NM	NM	NM	0.0	0.0	0.0	20.5	N/A
	20 ft	07/30/12	51.2%	0.0%	N/A	40.8%	0.0%	113	40.1	NM	NM	NM	NM	0.0	0.0	11.7	3.9	N/A
		10/08/12	71.5%	0.0%	N/A	45.8%	0.0%	35.0	19.27	NM	NM	NM	NM	0.0	0.0	10.8	8.2	N/A
		02/06/13	53.0%	0.0%	N/A	42.4%	0.0%	1.39	0.2	NM	NM	NM	NM	0.0	0.0	0.8	20.2	N/A
		05/06/13	53.5%	0.0%	N/A	50.8%	0.1%	6.88	4.5	NM	NM	NM	NM	0.0	0.0	0.1	20.6	N/A
	30 ft	07/30/12	50.4%	0.0%	N/A	49.5%	0.0%	257	105	NM	NM	NM	NM	0.0	0.0	11.7	2.6	N/A
		10/08/12	65.9%	0.0%	N/A	40.2%	0.0%	42.0	21.33	NM	NM	NM	NM	0.0	0.0	13.4	5.5	N/A
		02/06/13	55.5%	0.0%	N/A	44.7%	0.0%	5.29	2.1	NM	NM	NM	NM	0.0	0.0	0.9	19.0	N/A
		05/06/13	57.4%	0.0%	N/A	52.3%	0.2%	5.67	4.0	NM	NM	NM	NM	0.0	0.0	0.3	20.6	N/A
	40 ft	7/30/12 [13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/08/12[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/06/13[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		05/06/13[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-31	5 ft	04/25/12	55.1%	0.0%	N/A	63.6%	0.2%	3.8	NS	NM	NM	NM	NM	0.0	0.0	0.9	18.3	N/A
		07/20/12	52.8%	0.0%	N/A	45.2%	0.0%	4.3	0.9	N/A	N/A	N/A	N/A	0.0	0.0	0.8	18.7	N/A
		10/26/12[9]	53.2%	0.0%	N/A	51.7%	1.1%	2.0	0.4	NM	NM	NM	NM	0.0	0.0	0.7	20.2	N/A
		02/11/13	62.7%	0.0%	N/A	54.1%	0.0%	0.99	0.2	NM	NM	NM	NM	0.0	0.0	0.2	20.8	N/A
		05/15/13	59.3%	0.0%	N/A	74.7%	0.8%	10.77	0.4	NM	NM	NM	NM	0.0	0.0	0.9	18.3	N/A
	10 ft	04/24/12	52.2%	0.0%	N/A	56.4%	0.4%	4.2	NS	NM	NM	NM	NM	0.0	0.0	0.9	18.2	N/A
		7/26/2012[9]	50.7%	0.0%	N/A	59.5%	0.0%	6.9	0.7	NM	NM	NM	NM	0.0	0.0	1.1	19.7	N/A
		10/26/12[9]	54.3%	1.7%	N/A	49.0%	2.7%	2.0	1.0	NM	NM	NM	NM	0.0	0.0	0.6	19.9	N/A
		02/13/13[9]	52.9%	0.0%	0.0%	77.2%	0.2%	1.56	0.2	NM	NM	NM	NM	0.0	0.0	0.1	20.4	N/A
		05/17/13[9]	53.2%	0.0%	N/A	53.2%	0.9%	0.49	0.4	NM	NM	NM	NM	0.0	0.0	1.4	18.4	N/A
	20 ft	4/24/2012 [13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/20/12 [13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/19/12	64.2%	0.0%	N/A	56.5%	0.0%	2970	463	NM	NM	NM	NM	3.4	71	8.4	9.5	N/A
		02/11/13	64.8%	0.0%	N/A	53.4%	0.0%	255	41.45	NM	NM	NM	NM	0.5	5.0	3.4	16.5	N/A
		05/17/13[10]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	30 ft	04/24/12	52.5%	0.0%	N/A	51.7%	0.0%	15000	NS	NM	NM	NM	NM	7.7	OVR	10.7	1.3	N/A
		07/20/12	57.4%	0.0%	N/A	40.0%	0.0%	851	20.2	N/A	N/A	N/A	N/A	0.2	6.0	9.6	6.4	N/A
		10/19/12	51.2%	0.0%	N/A	56.7%	0.0%	204	19.0	NM	NM	NM	NM	0.2	3	2.8	18.5	N/A
		02/11/13	64.2%	0.0%	N/A	52.3%	0.0%	4100	185	NM	NM	NM	NM	11.6	OVR	14.2	3.7	N/A
		05/07/13	53.5%	0.0%	N/A	57.4%	0.2%	147000	254	NM	NM	NM	NM	OVR	OVR	7.0	8.5	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2											Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-32	5 ft	04/16/12 [9]	54.2%	0.0%	0.0%	58.2%	49.5%	NS	NS	NM	NM	NM	NM	NS	NS	NS	NS	N/A
		04/25/12	54.9%	0.2%	N/A	52.5%	1.2%	0.0	0.8	NM	NM	NM	NM	0.0	0.0	0.1	20.8	N/A
		07/20/12	69.4%	0.0%	0.0%	48.1%	2.0%	4.1	1.3	NM	NM	NM	NM	0.0	0.0	1.2	19.4	N/A
		10/18/12	75.1%	0.0%	N/A	50.0%	0.1%	2.0	0.6	NM	NM	NM	NM	0.0	0.0	0.9	18.5	N/A
		02/05/13	56.4%	0.0%	N/A	55.6%	0.1%	0.76	0.3	NM	NM	NM	NM	0.0	0.0	0.2	20.7	N/A
		05/07/13	51.7%	0.0%	N/A	56.8%	1.2%	1.60	0.4	NM	NM	NM	NM	0.0	0.0	0.2	20.3	N/A
	10 ft	04/16/12	60.8%	0.2%	0.0%	50.0%	0.3%	0.0	1.1	NM	NM	NM	NM	0.0	0.0	2.6	18.5	N/A
		07/20/12	58.6%	0.0%	0.0%	48.9%	1.2%	2.3	1.3	NM	NM	NM	NM	0.0	0.0	3.7	16.4	N/A
		10/18/12	64.9%	0.0%	N/A	51.2%	0.0%	1.0	0.7	NM	NM	NM	NM	0.0	0.0	3.5	17.0	N/A
		02/05/13	48.3%	0.0%	N/A	50.0%	0.0%	1.4	0.2	NM	NM	NM	NM	0.0	0.0	2.7	18.3	N/A
		05/07/13	52.4%	0.0%	N/A	60.5%	0.2%	0.74	0.5	NM	NM	NM	NM	0.0	0.0	1.9	18.5	N/A
	20 ft	04/16/12	55.5%	0.0%	0.0%	60.8%	0.2%	117	21.29	NM	NM	NM	NM	0.0	0.0	3.7	16.1	N/A
		07/20/12	55.2%	0.0%	0.0%	52.2%	0.1%	2.8	1.6	NM	NM	NM	NM	0.0	0.0	4.5	15.0	N/A
		10/18/12	77.5%	0.0%	N/A	57.4%	0.0%	2.0	0.5	NM	NM	NM	NM	0.0	0.0	5.0	16.5	N/A
		02/05/13	50.6%	0.0%	N/A	69.7%	0.0%	0.4	0.3	NM	NM	NM	NM	0.0	0.0	3.9	17.1	N/A
		05/07/13	57.1%	0.0%	N/A	52.8%	0.2%	0.52	0.5	NM	NM	NM	NM	0.0	0.0	2.6	17.3	N/A
	30 ft	04/16/12	53.8%	0.0%	0.0%	60.4%	0.0%	36660	529	NM	NM	NM	NM	OVR	OVR	10.5	1.0	N/A
		07/20/12	52.3%	0.0%	18.0%	63.1%	0.0%	6000	385	NM	NM	NM	NM	25.2	OVR	9.8	1.8	N/A
		10/18/12	60.2%	0.0%	N/A	53.2%	0.0%	206	13.03	NM	NM	NM	NM	0.0	1	11.1	5.5	N/A
		02/05/13	48.5%	0.0%	N/A	60.0%	0.0%	165.5	37.2	NM	NM	NM	NM	0.1	3.0	12.7	3.7	N/A
		05/07/13	50.2%	0.0%	N/A	69.5%	0.0%	16200	780	NM	NM	NM	NM	26.0	OVR	7.1	9.3	N/A
VMP-41	10 ft	07/27/12	58.6%	0.0%	N/A	78.0%	0.1%	15.1	0.4	NM	NM	NM	NM	0.0	0.0	5.1	15.0	N/A
		10/09/12	46.7%	0.0%	N/A	42.6%	0.0%	1.0	0.9	NM	NM	NM	NM	0.0	0.0	4.8	15.0	N/A
		01/29/13	51.1%	0.0%	N/A	46.1%	0.1%	0.94	0.4	NM	NM	NM	NM	0.0	0.0	0.3	20.5	N/A
		04/30/13	50.3%	0.0%	N/A	53.2%	0.0%	0.71	0.4	NM	NM	NM	NM	0.0	0.0	0.3	20.3	N/A
	20 ft	07/27/12	62.0%	0.0%	N/A	62.5%	0.0%	2.6	0.4	NM	NM	NM	NM	0.0	0.0	7.2	12.4	N/A
		10/09/12	50.6%	0.0%	N/A	40.7%	0.0%	1.0	1.3	NM	NM	NM	NM	0.0	0.0	6.7	12.7	N/A
		01/29/13	55.6%	0.0%	N/A	30.3%	0.0%	0.52	0.3	NM	NM	NM	NM	0.0	0.0	0.8	20.2	N/A
		04/30/13	53.1%	0.0%	N/A	50.6%	0.2%	0.91	0.5	NM	NM	NM	NM	0.0	0.0	0.2	20.1	N/A
	30 ft	07/27/12	53.2%	0.0%	N/A	50.2%	0.0%	4.2	0.6	NM	NM	NM	NM	0.0	0.0	8.1	11.0	N/A
		10/09/12	46.8%	0.0%	N/A	40.5%	0.0%	1.0	0.7	NM	NM	NM	NM	0.0	0.0	8.8	10.0	N/A
		01/29/13	65.4%	0.0%	N/A	41.5%	0.0%	0.66	0.3	NM	NM	NM	NM	0.0	0.0	2.0	19.0	N/A
		04/30/13	50.4%	0.0%	N/A	52.4%	1.6%	0.68	0.6	NM	NM	NM	NM	0.0	0.0	0.4	19.6	N/A
VMP-42	10 ft	04/18/12	52.7%	0.0%	N/A	69.5%	0.1%	3.0	0.6	NM	NM	NM	NM	0.0	0.0	3.5	18.0	N/A
		07/19/12	51.5%	0.0%	N/A	72.0%	0.1%	1.2	0.7	NM	NM	NM	NM	0.0	0.0	1.6	19.4	N/A
		10/12/12	49.2%	0.0%	N/A	52.6%	0.0%	2.0	4.6	NM	NM	NM	NM	0.0	0.0	1.1	20.4	N/A
		01/31/13	52.8%	0.0%	N/A	41.9%	0.0%	0.68	0.2	NM	NM	NM	NM	0.0	0.0	0.6	20.6	N/A
		04/30/13	53.6%	0.0%	N/A	55.1%	0.1%	0.77	0.4	NM	NM	NM	NM	0.0	0.0	0.1	20.5	N/A
	20 ft	04/18/12	51.5%	0.0%	N/A	66.8%	0.0%	837	39.5	NM	NM	NM	NM	0.0	0.0	10.8	5.8	N/A
		07/19/12	54.0%	0.0%	N/A	69.5%	0.0%	1.4	0.8	NM	NM	NM	NM	0.0	0.0	6.7	14.2	N/A
		10/12/12	64.2%	0.0%	N/A	83.0%	0.2%	1.0	0.9	NM	NM	NM	NM	0.0	0.0	4.1	17.7	N/A
		01/31/13	52.4%	0.0%	N/A	41.7%	0.0%	0.39	0.2	NM	NM	NM	NM	0.0	0.0	3.2	18.0	N/A
		04/30/13	57.2%	0.0%	N/A	63.0%	0.1%	0.95	0.5	NM	NM	NM	NM	0.0	0.0	0.8	19.9	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2										Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-43	30 ft	04/19/12	54.6%	0.0%	N/A	68.5%	0.0%	9330	160	NM	NM	NM	NM	11.5	OVR	12.3	0.2	N/A
		07/19/12	51.8%	0.0%	0.2%	64.7%	0.0%	550	29.4	NM	NM	NM	NM	0.3	6.0	9.2	5.4	N/A
		10/12/12	51.6%	0.0%	N/A	65.8%	0.0%	15.0	2.2	NM	NM	NM	NM	0.0	0.0	8.6	12.0	N/A
		01/31/13	51.5%	0.0%	N/A	46.0%	0.0%	3.37	0.4	NM	NM	NM	NM	0.0	0.0	7.0	14.9	N/A
		04/30/13	57.5%	0.0%	N/A	53.1%	0.1%	1.42	0.6	NM	NM	NM	NM	0.0	0.0	2.4	19.1	N/A
	10 ft	04/16/12	53.5%	0.0%	0.0%	53.5%	4.2%	2.0	0.8	NM	NM	NM	NM	0.0	0.0	0.0	20.9	N/A
		07/19/12	67.2%	0.0%	0.0%	65.4%	2.5%	2.5	0.6	NM	NM	NM	NM	0.0	0.0	1.0	19.7	N/A
		10/16/12	66.3%	0.0%	N/A	40.1%	0.0%	1.0	0.5	NM	NM	NM	NM	0.0	0.0	0.4	18.5	N/A
		01/24/13[10]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		05/17/13[9]	50.6%	0.0%	N/A	74.9%	6.5%	0.26	0.2	NM	NM	NM	NM	0.0	0.0	0.6	18.7	N/A
	20 ft	04/16/12	52.5%	0.0%	0.1%	86.0%	0.1%	338	33.48	NM	NM	NM	NM	0.0	1.0	4.3	15.1	N/A
		07/19/12	67.0%	0.0%	0.0%	50.7%	0.1%	37.8	7.7	NM	NM	NM	NM	0.0	0.0	2.7	17.9	N/A
		10/18/12	72.1%	0.0%	N/A	55.1%	0.0%	13.0	1.6	NM	NM	NM	NM	0.0	0.0	2.8	18.3	N/A
		01/24/13	52.4%	0.0%	N/A	33.5%	0.0%	6.75	0.5	NM	NM	NM	NM	0.0	0.0	3.0	17.4	N/A
		04/30/13	54.6%	0.0%	N/A	50.1%	0.8%	10.95	0.8	NM	NM	NM	NM	0.0	0.0	1.5	18.9	N/A
	30 ft	4/23/2012[9]	61.2%	0.0%	N/A	82.2%	0.0%	36.3	26.0	NM	NM	NM	NM	0.0	0.0	4.3	16.1	N/A
		07/19/12	66.7%	0.0%	0.0%	52.0%	0.0%	10.3	1.6	NM	NM	NM	NM	0.0	0.0	2.4	18.0	N/A
		10/18/12	66.5%	0.0%	N/A	59.0%	0.0%	2.0	0.5	NM	NM	NM	NM	0.0	0.0	1.6	19.4	N/A
		01/24/13	51.3%	0.0%	N/A	42.5%	0.0%	2.25	0.3	NM	NM	NM	NM	0.0	0.0	2.0	18.8	N/A
		04/30/13	55.7%	0.0%	N/A	51.0%	0.1%	5.71	0.6	NM	NM	NM	NM	0.0	0.0	2.6	17.6	N/A
VMP-44	10 ft	04/19/12	51.5%	0.0%	N/A	61.3%	0.0%	15900	770	NM	NM	NM	NM	52.1	OVR	9.2	5.5	N/A
		07/20/12	51.0%	0.0%	N/A	50.2%	0.0%	9340	500	NM	NM	NM	NM	30.0	OVR	14.6	3.7	N/A
		8/10/2012[14]	51.6%	0.0%	N/A	62.0%	0.0%	9450	437	NM	NM	NM	NM	29.4	OVR	13.9	5.5	N/A
		10/12/12	66.7%	0.8%	NM	35.0%	0.7%	1370	245	NM	NM	NM	NM	0.9	20	5.4	13.0	N/A
		01/25/13	76.9%	0.0%	N/A	40.5%	0.1%	590	110	NM	NM	NM	NM	1.1	18	7.6	7.7	N/A
		04/29/13	66.7%	0.0%	N/A	50.2%	0.8%	54.21	21.52	NM	NM	NM	NM	0.0	0.0	3.2	15.8	N/A
	20 ft	04/19/12	51.0%	0.0%	N/A	57.1%	0.0%	5420	432	NM	NM	NM	NM	8.6	OVR	11.5	1.3	N/A
		07/25/12	58.2%	0.0%	N/A	52.8%	0.3%	5200	420	N/A	N/A	N/A	N/A	9.5	OVR	16.1	2.2	N/A
		10/12/12	58.3%	0.0%	N/A	52.3%	0.0%	1800	223	NM	NM	NM	NM	1.6	32.0	7.6	12.8	N/A
		01/25/13	57.0%	0.0%	N/A	43.8%	0.0%	381	48.0	NM	NM	NM	NM	0.1	3.0	9.8	7.4	N/A
		04/29/13	52.3%	0.0%	N/A	52.0%	0.0%	225.1	71.22	NM	NM	NM	NM	0.1	2	4.2	14.1	N/A
	30 ft	04/19/12	63.0%	0.0%	N/A	55.8%	0.0%	1760	140	NM	NM	NM	NM	0.5	10.0	10.2	2.1	N/A
		07/25/12	58.6%	0.0%	N/A	52.9%	0.0%	127	18.3	N/A	N/A	N/A	N/A	1.0	1.0	9.0	9.5	N/A
		10/15/12	60.8%	0.0%	N/A	40.2%	1.8%	290	42.49	NM	NM	NM	NM	0.2	4	5.7	15.1	N/A
		01/25/13[10]	52.5%	1.0%	N/A	61.0%	0.1%	42.90	5.5	NM	NM	NM	NM	0.0	0.0	1.5	19.2	N/A
		04/30/13[9]	61.6%	0.0%	N/A	49.4%	0.2%	21.34	4.5	NM	NM	NM	NM	0.0	0.0	2.2	18.7	N/A
	10 ft	04/19/12	61.9%	0.0%	0.0%	80.9%	0.5%	4.0	1.6	NM	NM	NM	NM	0.0	0.0	0.9	19.9	N/A
		07/19/12	65.0%	0.0%	N/A	69.7%	0.4%	1.0	0.6	NM	NM	NM	NM	0.0	0.0	0.7	19.6	N/A
		10/15/12	76.7%	0.0%	N/A	43.8%	0.1%	1.0	0.3	NM	NM	NM	NM	0.0	0.0	0.4	20.9	N/A
		01/30/13	45.9%	0.0%	N/A	49.4%	0.0%	0.2	0.2	NM	NM	NM	NM	0.0	0.0	0.2	20.9	N/A
		04/30/13[9]	53.6%	0.0%	N/A	42.7%	0.0%	2.77	0.6	NM	NM	NM	NM	0.0	0.0	0.1	20.7	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2										Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-45	20 ft	04/19/12	60.2%	0.0%	0.0%	59.2%	0.0%	1300	206	NM	NM	NM	NM	0.5	11.0	5.9	13.2	N/A
		07/19/12	67.1%	0.0%	N/A	47.6%	0.0%	220	46.5	NM	NM	NM	NM	0.0	1.0	4.3	15.9	N/A
		10/15/12	51.1%	1.3%	N/A	50.5%	0.1%	26.0	7.0	NM	NM	NM	NM	0.0	0.0	2.6	18.7	N/A
		01/30/13	49.5%	0.0%	N/A	59.4%	0.0%	17.1	1.2	NM	NM	NM	NM	0.0	0.0	2.1	18.8	N/A
		04/29/13	79.3%	0.0%	N/A	52.2%	0.3%	3.46	0.7	NM	NM	NM	NM	0.0	0.0	0.8	20.2	N/A
	30 ft	04/19/12	52.3%	0.0%	9.3%	51.3%	0.0%	9030	826	NM	NM	NM	NM	17.4	OVR	9.9	3.9	N/A
		07/19/12	51.5%	0.0%	N/A	51.8%	0.0%	610	210	NM	NM	NM	NM	0.4	8.0	7.6	8.4	N/A
		10/15/12	54.2%	0.0%	N/A	52.2%	0.1%	41.0	17.9	NM	NM	NM	NM	0.0	0.0	4.2	16.4	N/A
		01/30/13	50.3%	0.0%	N/A	37.8%	0.0%	55.40	10.3	NM	NM	NM	NM	0.0	0.0	3.7	17.3	N/A
		04/29/13	57.3%	0.0%	N/A	53.1%	0.2%	7.75	4.0	NM	NM	NM	NM	0.0	0.0	1.4	19.3	N/A
VMP-47	5 ft	01/21/13	65.9%	0.0%	N/A	44.0%	0.0%	0.48	0.3	NM	NM	NM	NM	0.0	0.0	7.9	12.6	N/A
		01/23/13[16]	N/A	N/A	N/A	N/A	N/A	62400	79.1	NM	NM	NM	NM	69.9	OVR	11.4	2.1	N/A
		06/05/13	53.9%	0.0%	N/A	40.4%	1.6%	57300	59.92	NM	NM	NM	NM	59.8	OVR	11.9	1.0	N/A
	10 ft	01/21/13	73.8%	0.0%	N/A	65.1%	0.0%	0.98	0.3	NM	NM	NM	NM	0.0	0.0	12.8	6.6	N/A
		01/23/13[16]	N/A	N/A	N/A	N/A	N/A	0.9	36.3	NM	NM	NM	NM	0.4	8.0	12.7	2.0	N/A
		06/05/13	50.4%	0.0%	N/A	61.5%	0.3%	44600	71.91	NM	NM	NM	NM	51.4	OVR	10.9	0.8	N/A
	20 ft	01/21/13	64.0%	0.0%	N/A	37.0%	0.0%	6700	108	NM	NM	NM	NM	5.6	OVR	13.6	2.2	N/A
		01/23/13[16]	N/A	N/A	N/A	N/A	N/A	34700	92.9	NM	NM	NM	NM	43.0	OVR	12.6	0.8	N/A
		06/05/13	51.2%	0.0%	N/A	62.4%	0.3%	52600	73.25	NM	NM	NM	NM	65.1	OVR	10.4	1.2	N/A
	30 ft	01/21/13	61.5%	0.0%	N/A	32.2%	0.0%	21600	64.2	NM	NM	NM	NM	6.7	OVR	11.4	1.4	N/A
		01/23/13[16]	N/A	N/A	N/A	N/A	N/A	77000	73.8	NM	NM	NM	NM	82	OVR	12.1	0.9	N/A
		06/05/13	51.2%	0.5	N/A	43.7%	0.6%	79000	69.20	NM	NM	NM	NM	81.1	OVR	9.8	0.9	N/A
VMP-48	5 ft	02/01/13	80.7%	0.0%	N/A	47.6%	0.1%	0.3	0.2	NM	NM	NM	NM	0.0	0.0	0.3	20.2	N/A
		05/03/13	52.7%	0.0%	N/A	57.1%	0.1%	1.91	0.2	NM	NM	NM	NM	0.0	0.0	0.5	18.3	N/A
	10 ft	02/01/13	62.0%	0.0%	N/A	43.0%	0.0%	0.5	0.4	NM	NM	NM	NM	0.0	0.0	3.1	18.0	N/A
		05/08/13[9]	53.7%	0.0%	N/A	73.1%	0.2%	1.20	1.0	NM	NM	NM	NM	0.0	0.0	1.9	17.8	N/A
	20 ft	02/01/13	57.0%	0.0%	N/A	31.1%	0.1%	0.7	0.5	NM	NM	NM	NM	0.0	0.0	4.3	17.0	N/A
		05/16/13[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	30 ft	02/01/13	52.7%	0.0%	N/A	40.0%	0.0%	35.7	3.5	NM	NM	NM	NM	0.0	0.0	11.9	0.0	N/A
		05/03/13	55.6%	0.0%	N/A	54.3%	0.0%	6.9	1.5	NM	NM	NM	NM	0.0	0.0	10.2	3.8	N/A
VMP-49	5 ft	02/01/13	48.7%	0.0%	N/A	44.9%	0.1%	0.4	0.2	NM	NM	NM	NM	0.0	0.0	0.8	19.9	N/A
		05/07/13	62.0%	0.0%	N/A	46.4%	0.1%	0.51	0.5	NM	NM	NM	NM	0.0	0.0	0.5	19.0	N/A
	10 ft	02/01/13	57.6%	0.0%	N/A	51.4%	0.1%	0.6	0.4	NM	NM	NM	NM	0.0	0.0	0.7	19.6	N/A
		05/07/13	54.5%	0.0%	N/A	41.5%	0.0%	0.62	0.6	NM	NM	NM	NM	0.0	0.0	0.9	18.7	N/A
	20 ft	02/01/13	50.9%	0.8%	N/A	51.6%	0.9%	0.8	0.4	NM	NM	NM	NM	0.0	0.0	0.4	20.0	N/A
		05/09/13[12]	53.8%	0.0%	N/A	57.0%	0.2%	0.27	0.5	NM	NM	NM	NM	0.0	0.0	0.2	20.5	N/A
	30 ft	02/01/13	58.3%	0.0%	N/A	49.4%	0.0%	1100	26.2	NM	NM	NM	NM	0.2	4.0	13.0	2.5	N/A
		05/08/13	68.2%	0.0%	N/A	53.7%	0.0%	414	29.5	NM	NM	NM	NM	0.0	0.0	1.6	17.9	N/A

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2										Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-50	5 ft	02/01/13	49.5%	0.0%	N/A	40.8%	0.4%	4.4	0.3	NM	NM	NM	NM	0.0	0.0	1.1	19.9	N/A
		05/07/13	75.8%	0.0%	N/A	74.1%	0.5%	0.92	0.4	NM	NM	NM	NM	0.0	0.0	1.9	17.2	N/A
	10 ft	02/01/13	51.3%	0.0%	N/A	60.1%	0.0%	5.2	0.2	NM	NM	NM	NM	0.0	0.0	4.4	16.9	N/A
		05/07/13	64.2%	0.0%	N/A	43.8%	0.0%	0.54	0.4	NM	NM	NM	NM	0.0	0.0	2.5	17.3	N/A
	20 ft	02/01/13	52.2%	0.0%	N/A	58.1%	0.0%	242	52.0	NM	NM	NM	NM	0.2	4.0	14.1	5.3	N/A
		05/07/13	55.5%	21.1%	2.0%	50.1%	0.2%	49.1	14.20	NM	NM	NM	NM	0.2	4	8.8	9.4	N/A
	30 ft	02/01/13	52.6%	0.0%	N/A	70.2%	0.0%	20800	570	NM	NM	NM	NM	31.3	OVR	8.0	14.1	N/A
		05/07/13	55.8%	0.0%	N/A	50.2%	0.0%	6600	730	NM	NM	NM	NM	22.8	OVR	13.3	3.3	N/A
VMP-51	5 ft	02/01/13	50.9%	0.0%	N/A	56.0%	0.0%	0.5	0.2	NM	NM	NM	NM	0.0	0.0	0.4	20.2	N/A
		05/02/13	59.4%	0.0%	N/A	47.1%	1.0%	2.52	0.4	NM	NM	NM	NM	0.0	0.0	0.8	20.0	N/A
	10 ft	02/01/13	55.5%	0.0%	N/A	54.4%	3.3%	0.6	0.2	NM	NM	NM	NM	0.0	0.0	0.8	19.4	N/A
		05/02/13	63.8%	0.0%	N/A	42.4%	0.1%	0.83	0.5	NM	NM	NM	NM	0.0	0.0	0.9	19.9	N/A
	20 ft	02/15/13[11]	53.2%	0.0%	N/A	63.4%	0.1%	0.9	0.2	NM	NM	NM	NM	0.0	0.0	3.3	18.8	N/A
		05/02/13	53.8%	0.0%	N/A	51.8%	0.3%	0.42	0.5	NM	NM	NM	NM	0.0	0.0	1.6	19.3	N/A
	30 ft	02/04/13	52.3%	0.0%	N/A	53.9%	0.2%	0.4	0.1	NM	NM	NM	NM	0.0	0.0	4.3	18.4	N/A
		05/02/13	59.6%	0.0%	N/A	46.0%	0.2%	0.33	0.5	NM	NM	NM	NM	0.0	0.0	2.3	18.9	N/A
VMP-52	5 ft	02/04/13	52.0%	0.0%	N/A	48.0%	0.0%	2.1	0.1	NM	NM	NM	NM	0.0	0.0	1.1	18.3	N/A
		05/02/13	52.6%	0.0%	N/A	52.0%	0.0%	0.39	0.3	NM	NM	NM	NM	0.0	0.0	1.7	15.5	N/A
	10 ft	02/04/13	54.3%	0.0%	N/A	54.9%	0.0%	4.6	0.2	NM	NM	NM	NM	0.0	0.0	2.7	14.9	N/A
		05/16/13	73.3%	0.0%	N/A	66.2%	0.2%	0.38	0.3	NM	NM	NM	NM	0.1*	2*	3.5	16.0	N/A
	20 ft	02/04/13	61.0%	0.0%	N/A	52.7%	0.0%	5.6	0.4	NM	NM	NM	NM	0.0	0.0	6.5	13.0	N/A
		05/02/13	71.8%	0.0%	N/A	45.0%	0.1%	0.23	0.3	NM	NM	NM	NM	0.0	0.0	3.6	17.4	N/A
	30 ft	02/04/13	55.6%	0.0%	N/A	51.3%	0.0%	9.9	0.6	NM	NM	NM	NM	0.0	0.0	7.2	12.0	N/A
		05/06/13	50.3%	0.0%	N/A	64.5%	0.2%	2.41	0.7	NM	NM	NM	NM	0.0	0.0	4.7	16.4	N/A
VMP-53	5 ft	02/05/13	61.2%	0.0%	N/A	60.7%	0.0%	1.5	0.2	NM	NM	NM	NM	0.0	0.0	0.7	20.5	N/A
		05/02/13	62.0%	0.0%	N/A	54.5%	1.8%	0.60	0.3	NM	NM	NM	NM	0.0	0.0	0.6	19.7	N/A
		07/11/13	51.8%	0.0%	N/A	59.9%	0.9%	1.62	0.7	NM	NM	NM	NM	0.0	0.0	2.2	18.7	N/A
	10 ft	02/05/13	53.1%	0.0%	N/A	52.9%	0.1%	0.32	0.2	NM	NM	NM	NM	0.0	0.0	0.7	20.3	N/A
		05/03/13	63.2%	0.0%	N/A	53.2%	0.1%	2.64	0.8	NM	NM	NM	NM	0.0	0.0	0.6	20.3	N/A
		07/11/13	51.0%	0.0%	N/A	55.0%	0.1%	1.48	0.5	NM	NM	NM	NM	0.0	0.0	2.1	18.7	N/A
	20 ft	02/05/13	55.6%	0.0%	N/A	41.8%	0.1%	2.3	0.3	NM	NM	NM	NM	0.0	0.0	2.2	20.1	N/A
		05/03/13	58.2%	0.0%	N/A	55.9%	0.0%	0.24	0.3	NM	NM	NM	NM	0.0	0.0	0.9	19.8	N/A
		07/11/13	55.4%	0.0%	N/A	52.9%	0.1%	1.85	0.8	NM	NM	NM	NM	0.0	0.0	2.3	18.2	N/A
	30 ft	02/05/13	48.6%	0.0%	N/A	38.2%	0.0%	0.5	0.3	NM	NM	NM	NM	0.0	0.0	0.1	20.6	N/A
		05/03/13	66.2%	0.0%	N/A	57.7%	0.1%	2.11	0.6	NM	NM	NM	NM	0.0	0.0	2.5	18.9	N/A
		07/11/13	55.7%	0.0%	N/A	72.2%	0.3%	2.33	0.9	NM	NM	NM	NM	0.0	0.0	2.9	17.6	N/A
VMP-54	5 ft	02/06/13	60.4%	0.0%	N/A	63.4%	0.1%	1.8	0.2	NM	NM	NM	NM	0.1*	1*	1.6	18.7	N/A
		05/02/13	52.4%	0.0%	N/A	51.9%	0.2%	0.21	0.5	NM	NM	NM	NM	0.0	0.0	2.7	17.9	N/A
	10 ft	02/06/13	61.4%	0.0%	N/A	60.2%	0.1%	0.5	0.2	NM	NM	NM	NM	0.1*	1.0*	3.0	17.1	N/A
		05/02/13	52.4%	0.0%	N/A	54.7%	1.0%	0.20	0.6	NM	NM	NM	NM	0.0	0.0	2.7	17.5	N/A
	20 ft	02/06/13	64.8%	0.0%	N/A	50.2%	0.1%	0.5	0.2	NM	NM	NM	NM	0.1*	1.0*	4.6	15.1	N/A
		05/02/13	54.4%	0.0%	N/A	60.0%	0.6%	0.16	0.6	NM	NM	NM	NM	0.0	0.0	2.8	16.5	N/A
	30 ft	02/06/13	51.0%	0.0%	N/A	42.0%	0.0%	0.4	0.1	NM	NM	NM	NM	0.1*	4.0*	5.4	15.4	N/A
		05/02/13	51.1%	0.0%	N/A	51.5%	0.0%	0.42	0.7	NM	NM	NM	NM	0.0	0.0	3.3	15.9	N/A

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2											Tedlar Bag 3
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Multi-gas				Landtec				Dielectric
Location	Depth	Date	Helium in Shroud Before	Helium Before	CH4 (%)	Helium in Shroud After	Helium After	FID (ppm)	PID (ppm)	CO (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Direct Port Reading After
VMP-55	5 ft	02/15/13[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		05/01/13[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10 ft	02/15/13[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		05/01/13[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	20 ft	02/15/13	50.8%	2.5%	OVR	49.8%	3.1%	195000	48.6	NM	NM	NM	NM	OVR	OVR	17.5	1.4	N/A
		05/01/13	60.4%	3.5%	OVR	40.0%	4.1%	476000	55.13	NM	NM	NM	NM	OVR	OVR	16.4	1.7	N/A
	30 ft	02/15/13[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		05/01/13[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
1. November 2009 Sampling and the June 2010 Supplemental utilized a MuitiRAE IR for CO2 readings. Any CO2 over 5% resulted in a "OVR" reading. No direct CH4 or secondary LEL and 02 readings were collected.
2. Flame ionization detection (FID) was not used during the November 2009 Sampling or the June 2010 Supplemental.
3. OVR is used to indicate a reading over range for the FID or MultiRAE.
4. The Landtec landfill gas analyzer displays "OVR" for any results calculated higher than 99.9% for an individual reading.
5. N/A is used to indicate that a reading was not collected because it was unnecessary (i.e., a direct port for helium if the helium leak check was successful).
6. NS is used to indicate that a reading was not collected because the port could not be sampled.
7. NM is used to indicate a reading that was not collected because the MultiGas meter was not used beginning 2Q12.
8. FID readings were taken with a TVA-1000. Due to oxygen concentrations less than 16% a dilution tip was used when analyzing samples. The dilution tip introduced ambient air in a 10:1 ration with the sample, which required the sample readings to be multiplied by 10 to get the actual reading. The FID readings in this spreadsheet illustrate the actual FID values that were represented in each sample.
9. VMP sample port successfully resampled after helium leak check failure.
10. VMP sample port unsuccessfully sampled after three attempts due to helium leak check failures.
11. VMP sample port resampled due to issues with the canister after analyzed by the laboratory.
12. VMP sample port resampled due to issues with the canister in the field.
13. VMP sample port not sampled because screen submerged below water table.
14. VMP sample port resampled to verify results from the laboratory.
15. Negative readings on the FID are recorded as zero.
16. Helium not used to obtain sample.
17. VMP sample port unsuccessfully resampled after integrity issue discovered.
18. * Sample result is suspect.

TABLE 4
SOIL VAPOR SCREENING CRITERIA

Chemical	Residential (mg/m^3)	Industrial/ Commercial (mg/m^3)
TO-15 Analytes		
Acetone	750,000	750,000
Benzene	0.37	2.8
Bromodichloromethane	450,000	450,000
Bromoform	11.0	52.0
Bromomethane	6.9	42.0
1,3-Butadiene		
2-Butanone	6,400	40,000
Carbon disulfide	780	5,300
Carbon tetrachloride	0.21	1.5
Chlorobenzene	69.0	420
Chlorodibromomethane	57,000	57,000
Chloroethane		
Chloroform	0.11	0.92
Chloromethane		
Allyl chloride (3-Chloropropene)		
alpha-Chlorotoluene		
Cyclohexane		
1,2-Dibromo-3-chloropropane (DBCP)	0.0012	0.0062
1,2-Dibromoethane	0.011	0.06
1,2-Dichlorobenzene	290	1,700
1,3-Dichlorobenzene		
1,4-Dichlorobenzene	1,200	6,800
1,1-Dichloroethane	690	4,200
1,2-Dichloroethane	0.099	0.81
1,1-Dichloroethene	240	1,600
cis-1,2-Dichloroethene	1,100,000	1,100,000
trans-1,2-Dichloroethene	85.0	510
Dichloromethane (Methylene chloride)	5.6	45.0
1,2-Dichloropropane	0.062	0.46
cis-1,3-Dichloropropene	0.9	6.2
trans-1,3-Dichloropropene	0.9	6.2
1,4-Dioxane	0.2	2.3
Ethanol		
Ethylbenzene	1,400	8,300
4-Ethyltoluene		
Freon 11		
Freon 12		
Freon 113		
Freon 114		
Heptane		
Hexachlorobutadiene		
Hexane		
2-Hexanone (Methyl N-Butyl Ketone)		
Isopropylbenzene (Cumene)	600	3,500
4-Methyl-2-pentanone (Methyl Isobutyl Ketone)		
Methyl tert-Butyl Ether (MTBE)	3,400	23,000
n-Propylbenzene		
2-Propanol		
Styrene	1,400	8,500
Tetrachloroethene	0.55	4.0
1,1,2,2-Tetrachloroethane		
Tetrahydrofuran		
Toluene	6,200	40,000
1,2,4-Trichlorobenzene	11.0	50.0
Trichloroethene	1.5	12.0
1,1,1-Trichloroethane (Methyl chloroform)	6,600	41,000
1,1,2-Trichloroethane	170,000	170,000
Trichloroflouromethane	860	5,600
1,2,4-Trimethylbenzene		
1,3,5-Trimethylbenzene		
2,2,4-Trimethylpentane		
Vinyl chloride	0.29	4.8
Xylenes (total)	140	840
m,p-Xylene	130	820
o-Xylenes	120	790

Note:
1. Screening criteria source: Illinois Pollution Control Board, Tiered Approach to Corrective Action (TACO) Title 35 - Part 742. Table H: Tier 1 Indoor Inhalation Remediation Objectives for Residential and Industrial/Commercial Properties for the Diffusion and Advection Exposure Route, effective July 15, 2013.

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene		
				750000			0.37			450000			11			6.9					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-1	5 ft	VMP-1-5	11/2/2009	<1.1	U		<0.38	U		<0.8	U		<1.2	U		<0.46	U		<0.26	U	
		VMP-1-5-082510	8/25/2010	0.068			0.044			<0.028	U		<0.044	U		<0.016	U		<0.0094	U	
		VMP-1-5-111710	11/17/2010	0.019	J		0.0069	J		<0.034	U		<0.053	U		<0.02	U		<0.011	U	
		VMP-1-5-020411	2/4/2011	0.42	J		0.14	J		<0.68	U		<1	U		<0.39	U		<0.22	U	
		VMP-1-5-041211	4/12/2011	0.012	J		0.6			<0.0088	U		<0.014	U		<0.0051	U		<0.0029	U	
		VMP-1-5-080111	8/1/2011	<0.012	U		0.051			<0.0088	U		<0.014	U		<0.0051	U		<0.0029	U	
		VMP-1-5-110311	11/3/2011	110			<11	U		<23	U		<36	U		<14	U		<7.7	U	
		VMP-1-5-013012	1/30/2012	<2.8	U		0.28	J	J	<2	U		<3	U		<1.1	U		<0.64	U	
		VMP-1-5-041312	4/13/2012	0.017	J		0.014			<0.006	U		<0.0092	U		<0.035	U		<0.002	U	
		VMP-1-5-071612	7/16/2012	0.078			0.084			0.0018	J		<0.0094	U		<0.036	U	UJ	<0.002	U	
		VMP-1-5-101112	10/11/2012	0.028	J		<0.0073	U		<0.015	U		<0.024	U		<0.089	U		<0.0051	U	
		VMP-1-5-012113	1/21/2013	0.32	J		0.015	J		<0.17	U		<0.27	U		0.074	J		<0.057	U	
		VMP-1-5-012313-R	1/23/2013	<11	U		4.7			<7.8	U		<12	U		<4.5	U		<2.6	U	
		VMP-1-5-050813	5/8/2013	0.026	J		0.0021	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U	
	8.5 ft	VMP-1-8.5	11/2/2009	<1.6	U		<0.52	U		<1.1	U		<1.7	U		<0.63	U		<0.36	U	
		VMP-1-8.5-082510	8/25/2010	0.054	J		0.0079	J		<0.086	U		<0.13	U		<0.05	U		<0.028	U	
		VMP-1-8.5-111710	11/17/2010	0.024			0.0035	J		<0.016	U		<0.026	U		<0.0096	U		<0.0055	U	
		VMP-1-8.5-111710-Dup	11/17/2010	0.016	J		0.0034	J		<0.016	U		<0.026	U		<0.0096	U		<0.0055	U	
		VMP-1-8.5-020411	2/4/2011	0.31	J		0.26	J		<1.3	U		<2	U		<0.77	U		<0.44	U	
		VMP-1-8.5-041211	4/12/2011	0.011	J		0.31			<0.012	U		<0.018	U		<0.0068	U		<0.0038	U	
		VMP-1-8.5-080111	8/1/2011	<6.8	U		<2.3	U		<4.8	U		<7.4	U		<2.8	U		<1.6	U	
		VMP-1-8.5-080111-Dup	8/1/2011	<6.7	U		6.2			<4.7	U		<7.3	U		<2.7	U		<1.6	U	
		VMP-1-8.5-110311	11/3/2011	240			<26	U		<54	U		<83	U		<31	U		<18	U	
		VMP-1-8.5-013012	1/30/2012	1.4	J		<5.6	U		<12	U		<18	U		<6.8	U		<3.9	U	
		VMP-1-8.5-041612	4/16/2012	0.022	J		0.0083			<0.0071	U		<0.011	U		<0.041	U		<0.0023	U	
		VMP-1-8.5-041612-Dup	4/16/2012	0.02	J		0.0072			<0.0069	U		<0.011	U		<0.04	U		<0.0023	U	
		VMP-1-8.5-071612	7/16/2012	0.06			0.058			<0.0062	U		<0.0095	U		<0.036	U	UJ	<0.002	U	
		VMP-1-8.5-101112	10/11/2012	0.0066	J		0.0037	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U	
		VMP-1-8.5-012113	1/21/2013	<0.6	U		<0.08	U		<0.17	U		<0.26	U		<0.97	U		<0.055	U	
		VMP-1-8.5-012313-R	1/23/2013	<0.22	U		0.05	J		<0.16	U		<0.24	U		<0.09	U		<0.052	U	
		VMP-1-8.5-050813	5/8/2013	0.016	J		0.002	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U	
	23.5 ft	VMP-1-23.5	11/2/2009	<3.8	U		<1.3	U		<2.6	U		<4.1	U		<1.5	U		<0.88	U	
		VMP - 1 - 23.5 - 083010	8/30/2010	<4.3	U		1.4			<3	U		<4.6	U		<1.7	U		<0.99	U	
		VMP-1-23.5-111810	11/17/2010	0.011	J		0.0014	J		<0.0083	U		<0.013	U		<0.0048	U		<0.0027	U	
		VMP-1-23.5-020411	2/4/2011	3	J		<3.7	U		<7.8	U		<12	U		<4.5	U		<2.6	U	
		VMP-1-23.5-041211	4/12/2011	9.8	J		<6.1	U		<13	U		<20	U		<7.4	U		<4.2	U	
		VMP-1-23.5-041211-DUP	4/12/2011	8	J		<7.7	U		<16	U		<25	U		<9.3	U		<5.3	U	
		VMP-1-23.5-080111	8/1/2011	<120	U		<41	U		<86	U		<130	U		<50	U		<28	U	
		VMP-1-23.5-110611	11/6/2011	9.5	J		<9.7	U		<20	U		3.9	J		<12	U		<6.7	U	
		VMP-1-23.5-013112	1/31/2012	<57	U		<19	U		<40	U		<250	U		<23	U		<13	U	
		VMP-1-23.5-041612	4/16/2012	0.68	J		<1.5	U		<3.2	U		<4.9	U		<1.8	U		<1	U	
		VMP-1-23.5-071612	7/16/2012	<57	U		<19	U		<40	U		<62	U		<23	U		<13	U	
		VMP-1-23.5-102412	10/24/2012	<110	U		<38	U		<81	U		<120	U		<47	U		<27	U	
		VMP-1-23.5-012113	1/21/2013	<0.32	U	UJ	0.0088	J	J	<0.09	U	UJ	<0.14	U	UJ	<0.52	U	UJ	<0.03	U	UJ
		VMP-1-23.5-012313-R	1/23/2013	<150	U		14	J		<110	U		<170	U		<62	U		<36	U	
		VMP-1-23.5-050813	5/8/2013	<0.15	U		0.0069	J		<0.1	U		<0.16	U		<0.06	U		<0.034	U	
		VMP-1-23.5-050813-Dup	5/8/2013	0.016	J		0.0062	J		<0.097	U		<0.15	U		<0.056	U		<0.032	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Butane			Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			2-Butanone			Carbon disulfide		
																6400			780		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-1	5 ft	VMP-1-5	11/2/2009													<0.35	U		<0.37	U	
		VMP-1-5-082510	8/25/2010													0.0066	J		0.0035	J	
		VMP-1-5-111710	11/17/2010													<0.015	U		<0.016	U	
		VMP-1-5-020411	2/4/2011													<0.3	U		<0.31	U	
		VMP-1-5-041211	4/12/2011	0.033												0.0018	J		0.004	J	
		VMP-1-5-080111	8/1/2011	0.21												0.017			0.0086	J	
		VMP-1-5-110311	11/3/2011	2000												3.1	J		<44	U	
		VMP-1-5-013012	1/30/2012	3400												<3.4	U		<0.91	U	
		VMP-1-5-041312	4/13/2012	0.008	J											0.0065	J		<0.011	J	U
		VMP-1-5-071612	7/16/2012	0.018												0.068			<0.011	J	U
		VMP-1-5-101112	10/11/2012	2.7												<0.027	U		0.0076	J	
		VMP-1-5-012113	1/21/2013	17												<0.3	U		<0.32	U	
		VMP-1-5-012313-R	1/23/2013	5900									150000 (ppbV)			<14	U		<3.6	U	
		VMP-1-5-050813	5/8/2013	0.021												0.012	J		<0.018	J	U
	8.5 ft	VMP-1-8.5	11/2/2009													<0.48	U		<0.51	U	
		VMP-1-8.5-082510	8/25/2010													<0.038	U		0.019	J	
		VMP-1-8.5-111710	11/17/2010													0.0048	J		<0.0077	U	
		VMP-1-8.5-111710-Dup	11/17/2010													0.0037	J		<0.0077	U	
		VMP-1-8.5-020411	2/4/2011													<0.58	U		<0.62	U	
		VMP-1-8.5-041211	4/12/2011	0.026												<0.02	U		0.0022	J	
		VMP-1-8.5-080111	8/1/2011	840												<8.5	U		<2.2	U	
		VMP-1-8.5-080111-Dup	8/1/2011	780												<8.3	U		<2.2	U	
		VMP-1-8.5-110311	11/3/2011	4800												<95	U		7.3	J	
		VMP-1-8.5-013012	1/30/2012	3600												<21	U		<5.4	U	
		VMP-1-8.5-041612	4/16/2012	0.12												0.0059	J		<0.013	J	U
		VMP-1-8.5-041612-Dup	4/16/2012	0.12												0.0054	J		<0.013	J	U
		VMP-1-8.5-071612	7/16/2012	<0.0087	U											0.053			<0.011	J	U
		VMP-1-8.5-101112	10/11/2012	0.07												<0.017	U		<0.018	J	U
		VMP-1-8.5-012113	1/21/2013	57						3300 (ppbV)						<0.3	U		<0.31	U	
		VMP-1-8.5-012313-R	1/23/2013	260												<0.27	U		<0.072	U	
		VMP-1-8.5-050813	5/8/2013	0.15												0.0052	J		<0.019	U	
	23.5 ft	VMP-1-23.5	11/2/2009													<1.2	U		<1.2	U	
		VMP - 1 - 23.5 - 083010	8/30/2010													<1.3	U		<1.4	U	
		VMP-1-23.5-111810	11/17/2010													0.0012	J		<0.0038	U	
		VMP-1-23.5-020411	2/4/2011													<3.4	U		<3.6	U	
		VMP-1-23.5-041211	4/12/2011	1300												<22	U		5.1	J	
		VMP-1-23.5-041211-DUP	4/12/2011	1700												<28	U		4.2	J	
		VMP-1-23.5-080111	8/1/2011	25000												<150	U		6.2	J	
		VMP-1-23.5-110611	11/6/2011	9400												6	J		7.6	J	
		VMP-1-23.5-013112	1/31/2012	7200												<71	U		<19	U	
		VMP-1-23.5-041612	4/16/2012	800												<5.6	U		<1.5	U	
		VMP-1-23.5-071612	7/16/2012	11000												<71	U		<19	U	
		VMP-1-23.5-102412	10/24/2012	4200												<140	U		<38	U	
		VMP-1-23.5-012113	1/21/2013	12		J										<0.16	U	UJ	<0.17	U	UJ
		VMP-1-23.5-012313-R	1/23/2013	33000												<190	U		<50	U	
		VMP-1-23.5-050813	5/8/2013	3.7												<0.18	U		<0.048	U	
		VMP-1-23.5-050813-Dup	5/8/2013	4.2												<0.17	U		<0.045	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane		
				0.21			69			57000						0.11					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-1	5 ft	VMP-1-5	11/2/2009	<0.75	U		<0.55	U		<1	U		<0.31	U		<0.58	U		<0.98	U	
		VMP-1-5-082510	8/25/2010	<0.027	U		<0.02	U		<0.036	U		<0.011	U		<0.021	U		<0.035	U	
		VMP-1-5-111710	11/17/2010	<0.032	U		<0.024	U		<0.044	U		<0.014	U		<0.025	U		<0.042	U	
		VMP-1-5-020411	2/4/2011	<0.64	U		<0.46	U		<0.86	U		<0.27	U		<0.49	U		<0.83	U	
		VMP-1-5-041211	4/12/2011	<0.0083	U		<0.0061	J	U	0.0023	J		<0.014	U		<0.0064	U		<0.011	U	
		VMP-1-5-080111	8/1/2011	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.011	U	
		VMP-1-5-110311	11/3/2011	<22	U		<16	U		<30	U		<37	U		<17	U		<29	U	
		VMP-1-5-013012	1/30/2012	<1.8	U		<1.3	U		<2.5	U		<3.1	U		<1.4	U		<2.4	U	
		VMP-1-5-041312	4/13/2012	<0.0056	U		<0.0041	J	U	<0.0076	U		<0.0094	U		<0.0044	U		<0.018	U	
		VMP-1-5-071612	7/16/2012	<0.0058	U		<0.0042	J	U	<0.0078	U		<0.0096	U		0.002	J		<0.019	U	
		VMP-1-5-101112	10/11/2012	<0.014	U		<0.01	U		<0.02	U		<0.024	U		<0.011	U		<0.047	U	
		VMP-1-5-012113	1/21/2013	<0.16	U		<0.12	U		<0.22	U		<0.27	U		<0.12	U		<0.53	U	
		VMP-1-5-012313-R	1/23/2013	<7.3	U		<5.4	U		<9.9	U		<12	U		<5.7	U		<9.6	U	
		VMP-1-5-050813	5/8/2013	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U	
	8.5 ft	VMP-1-8.5	11/2/2009	<1	U		<0.75	U		<1.4	U		<0.43	U		<0.8	U		<1.4	U	
		VMP-1-8.5-082510	8/25/2010	<0.081	U		<0.059	U		<0.11	U		<0.034	U		<0.063	U		<0.11	U	
		VMP-1-8.5-111710	11/17/2010	<0.016	U		<0.011	U		<0.021	U		<0.0065	U		<0.012	U		<0.02	U	
		VMP-1-8.5-111710-Dup	11/17/2010	<0.016	U		<0.011	U		<0.021	U		<0.0065	U		<0.012	U		<0.02	U	
		VMP-1-8.5-020411	2/4/2011	<1.2	U		<0.91	U		<1.7	U		<0.52	U		<0.97	U		<1.6	U	
		VMP-1-8.5-041211	4/12/2011	<0.011	U		<0.008	J	U	<0.015	U		<0.018	U		<0.0085	U		<0.014	U	
		VMP-1-8.5-080111	8/1/2011	<4.5	U		<3.3	U		<6.1	U		<7.6	U		<3.5	U		<5.9	U	
		VMP-1-8.5-080111-Dup	8/1/2011	<4.4	U		<3.2	U		<6	U		<7.4	U		<3.4	U		<5.8	U	
		VMP-1-8.5-110311	11/3/2011	<51	U		<37	U		<68	U		<85	U		<39	U		<66	U	
		VMP-1-8.5-013012	1/30/2012	<11	U		<8	U		<15	U		<18	U		<8.5	U		<14	U	
		VMP-1-8.5-041612	4/16/2012	<0.0067	U		<0.0049	U		<0.009	U		<0.011	U		<0.0052	U		<0.022	U	
		VMP-1-8.5-041612-Dup	4/16/2012	<0.0065	U		<0.0047	U		<0.0088	U		<0.011	U		<0.005	U		<0.021	U	
		VMP-1-8.5-071612	7/16/2012	<0.0058	U		<0.0042	J	U	<0.0078	U		<0.0097	U		0.00077	J		<0.019	U	
		VMP-1-8.5-101112	10/11/2012	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U	
		VMP-1-8.5-012113	1/21/2013	<0.16	U		<0.12	U		<0.21	U		<0.26	U		<0.12	U		<0.52	U	
		VMP-1-8.5-012313-R	1/23/2013	<0.15	U		<0.11	U		<0.2	U		<0.24	U		<0.11	U		<0.19	U	
		VMP-1-8.5-050813	5/8/2013	<0.0096	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U	
	23.5 ft	VMP-1-23.5	11/2/2009	<2.5	U		<1.8	U		<3.4	U		<1	U		<1.9	U		<3.3	U	
		VMP - 1 - 23.5 - 083010	8/30/2010	<2.8	U		<2.1	U		<3.8	U		<1.2	U		<2.2	U		<3.7	U	
		VMP-1-23.5-111810	11/17/2010	0.0013	J		<0.0057	U		<0.01	U		<0.0032	U		0.00066	J		<0.01	U	
		VMP-1-23.5-020411	2/4/2011	<7.3	U		<5.4	U		<9.9	U		<3.1	U		<5.7	U		<9.6	U	
		VMP-1-23.5-041211	4/12/2011	<12	U		<8.7	U		<16	U		4.4	J		<9.3	U		<16	U	
		VMP-1-23.5-041211-DUP	4/12/2011	<15	U		<11	U		<20	U		<25	U		<12	U		<20	U	
		VMP-1-23.5-080111	8/1/2011	<81	U		<59	U		<110	U		<140	U		<63	U		<110	U	
		VMP-1-23.5-110611	11/6/2011	<19	U		6.6	J		<26	U		<32	U		<15	U		<25	U	
		VMP-1-23.5-013112	1/31/2012	<38	U		<28	U		<51	U		<63	U		<29	U		<50	U	
		VMP-1-23.5-041612	4/16/2012	<3	U		<2.2	U		<4.1	U		<5	U		<2.3	U		<3.9	U	
		VMP-1-23.5-071612	7/16/2012	<38	U		<28	U		<51	U		<64	U		<29	U		<50	U	
		VMP-1-23.5-102412	10/24/2012	<76	U		<55	U		<100	U		<130	U		<59	U		<100	U	
		VMP-1-23.5-012113	1/21/2013	<0.085	U	UJ	<0.062	U	UJ	<0.11	U	UJ	<0.14	U	UJ	<0.066	U	UJ	<0.28	U	UJ
		VMP-1-23.5-012313-R	1/23/2013	<100	U		<74	U		<140	U		<170	U		<79	U		<130	U	
		VMP-1-23.5-050813	5/8/2013	<0.098	U		<0.071	U		<0.13	U		<0.16	U		<0.076	U		<0.13	U	
		VMP-1-23.5-050813-Dup	5/8/2013	<0.092	U		<0.067	U		<0.12	U		<0.15	U		<0.071	U		<0.12	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	alpha-Chlorotoluene			Cyclobutane, ethyl-			Cyclohexane			Cyclopentane, methyl-			1,2-Dibromoethane			1,2-Dichlorobenzene		
																0.011			290		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-1	5 ft	VMP-1-5	11/2/2009	<0.62	U					18						<0.91	U		<0.72	U	
		VMP-1-5-082510	8/25/2010	<0.022	U					0.02						<0.033	U		<0.026	U	
		VMP-1-5-111710	11/17/2010	<0.027	U					0.14						<0.04	U		<0.031	U	
		VMP-1-5-020411	2/4/2011	<0.52	U					8.1						<0.78	U		<0.61	U	
		VMP-1-5-041211	4/12/2011	<0.0068	U					0.21						<0.01	U		<0.0079	U	
		VMP-1-5-080111	8/1/2011	<0.0068	U					0.0083						<0.01	U		<0.0079	U	
		VMP-1-5-110311	11/3/2011	<18	U					4.8	J					<27	U		<21	U	
		VMP-1-5-013012	1/30/2012	<1.5	U					23		J				<2.2	U		<1.8	U	
		VMP-1-5-041312	4/13/2012	<0.0046	U					<0.0031	J	U				<0.0069	U		<0.0054	U	
		VMP-1-5-071612	7/16/2012	<0.0047	U					0.036						<0.007	U		<0.0055	U	
		VMP-1-5-101112	10/11/2012	<0.012	U					0.13						<0.018	U		<0.014	U	
		VMP-1-5-012113	1/21/2013	<0.13	U		660 (ppbV)			0.88						<0.2	U		<0.16	U	
		VMP-1-5-012313-R	1/23/2013	<6	U		85000 (ppbV)			33						<9	U		<7	U	
		VMP-1-5-050813	5/8/2013	<0.0074	U					<0.0049	U					<0.011	U		<0.0086	U	
	8.5 ft	VMP-1-8.5	11/2/2009	<0.85	U					14						<1.2	U		<0.98	U	
		VMP-1-8.5-082510	8/25/2010	<0.066	U					<0.044	U					<0.099	U		<0.077	U	
		VMP-1-8.5-111710	11/17/2010	<0.013	U					0.043						<0.019	U		<0.015	U	
		VMP-1-8.5-111710-Dup	11/17/2010	<0.013	U					0.034						<0.019	U		<0.015	U	
		VMP-1-8.5-020411	2/4/2011	<1	U					9.2						<1.5	U		<1.2	U	
		VMP-1-8.5-041211	4/12/2011	<0.009	U					0.067						<0.013	U		<0.01	U	
		VMP-1-8.5-080111	8/1/2011	<3.7	U					7.1						<5.5	U		<4.3	U	
		VMP-1-8.5-080111-Dup	8/1/2011	<3.6	U					11						<5.4	U		<4.2	U	
		VMP-1-8.5-110311	11/3/2011	<42	U					11	J					<62	U		<48	U	
		VMP-1-8.5-013012	1/30/2012	<9	U					19						<13	U		<10	U	
		VMP-1-8.5-041612	4/16/2012	0.0015	J					0.0093						0.0023	J		<0.0064	U	
		VMP-1-8.5-041612-Dup	4/16/2012	<0.0053	U					0.0076						0.0018	J		<0.0062	U	
		VMP-1-8.5-071612	7/16/2012	<0.0048	U					0.0032						<0.0071	U		<0.0055	U	
		VMP-1-8.5-101112	10/11/2012	<0.0073	U					0.073						<0.011	U		<0.0085	U	
		VMP-1-8.5-012113	1/21/2013	<0.13	U					0.62						<0.19	U		<0.15	U	
		VMP-1-8.5-012313-R	1/23/2013	<0.12	U		3200 (ppbV)			1.4						<0.18	U		<0.14	U	
		VMP-1-8.5-050813	5/8/2013	<0.0079	J	U				0.005	J					<0.012	U		<0.0092	U	
	23.5 ft	VMP-1-23.5	11/2/2009	<2	U					66						<3	U		<2.4	U	
		VMP - 1 - 23.5 - 083010	8/30/2010	<2.3	U					130						<3.4	U		<2.7	U	
		VMP-1-23.5-111810	11/17/2010	<0.0064	U					0.0082						<0.0095	U		<0.0074	U	
		VMP-1-23.5-020411	2/4/2011	<6	U					150						<9	U		<7	U	
		VMP-1-23.5-041211	4/12/2011	<9.8	U					3.2	J					<15	U		<11	U	
		VMP-1-23.5-041211-DUP	4/12/2011	<12	U					5.3	J					<18	U		<14	U	
		VMP-1-23.5-080111	8/1/2011	<67	U					110						<99	U		<78	U	
		VMP-1-23.5-110611	11/6/2011	<16	U					38						<23	U		<18	U	
		VMP-1-23.5-013112	1/31/2012	<120	U					32						<46	U		<36	U	
		VMP-1-23.5-041612	4/16/2012	<2.5	U					6.6						<3.7	U		<2.9	U	
		VMP-1-23.5-071612	7/16/2012	<31	U					37						<46	U		<36	U	
		VMP-1-23.5-102412	10/24/2012	<62	U					23	J					<92	U		<72	U	
		VMP-1-23.5-012113	1/21/2013	<0.07	U	UJ				0.64		J				<0.1	U	UJ	<0.081	U	UJ
		VMP-1-23.5-012313-R	1/23/2013	<83	U		450000 (ppbV)			160						<120	U		<97	U	
		VMP-1-23.5-050813	5/8/2013	<0.08	U					0.22						<0.12	U		<0.093	U	
		VMP-1-23.5-050813-Dup	5/8/2013	<0.075	U					0.24						<0.11	U		<0.087	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
							1200						690			0.099			240		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-1	5 ft	VMP-1-5	11/2/2009	<0.72	U		<0.72	U		<0.59	U		<0.48	U		<0.48	U		<0.47	U	
		VMP-1-5-082510	8/25/2010	<0.026	U		<0.026	U		0.0028	J		<0.017	U		<0.017	U		<0.017	U	
		VMP-1-5-111710	11/17/2010	<0.031	U		<0.031	U		<0.025	U		<0.021	U		<0.021	U		<0.02	U	
		VMP-1-5-020411	2/4/2011	<0.61	U		<0.61	U		<0.5	U		<0.41	U		<0.41	U		<0.4	U	
		VMP-1-5-041211	4/12/2011	<0.0079	U		<0.0079	J	U	0.002	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-1-5-080111	8/1/2011	0.0014	J		0.0024	J		0.0023	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-1-5-110311	11/3/2011	<21	U		<21	U		<17	U		<14	U		<14	U		<14	U	
		VMP-1-5-013012	1/30/2012	<1.8	U		<1.8	U		<1.4	U		<1.2	U		<1.2	U		<1.2	U	
		VMP-1-5-041312	4/13/2012	<0.0054	U		<0.0054	J	U	0.0024	J		<0.0036	U		<0.0036	U		<0.0035	U	
		VMP-1-5-071612	7/16/2012	<0.0055	U		<0.0055	J	U	0.0026	J		<0.0037	U		<0.0037	U		<0.0036	U	
		VMP-1-5-101112	10/11/2012	<0.014	U		<0.014	U		0.0025	J		<0.0093	U		<0.0093	U		<0.0091	U	
		VMP-1-5-012113	1/21/2013	<0.16	U		0.02	J		<0.13	U		<0.1	U		<0.1	U		<0.1	U	
		VMP-1-5-012313-R	1/23/2013	<7	U		<7	U		<5.8	U		<4.7	U		<4.7	U		<4.6	U	
		VMP-1-5-050813	5/8/2013	<0.0086	U		<0.0086	J	U	0.003	J		<0.0058	U		<0.0058	U		<0.0057	U	
	8.5 ft	VMP-1-8.5	11/2/2009	<0.98	U		<0.98	U		<0.81	U		<0.66	U		<0.66	U		<0.65	U	
		VMP-1-8.5-082510	8/25/2010	<0.077	U		<0.077	U		<0.064	U		<0.052	U		<0.052	U		<0.051	U	
		VMP-1-8.5-111710	11/17/2010	<0.015	U		<0.015	U		0.0023	J		<0.01	U		<0.01	U		<0.0098	U	
		VMP-1-8.5-111710-Dup	11/17/2010	<0.015	U		<0.015	U		0.0024	J		<0.01	U		<0.01	U		<0.0098	U	
		VMP-1-8.5-020411	2/4/2011	<1.2	U		<1.2	U		<0.98	U		<0.8	U		<0.8	U		<0.79	U	
		VMP-1-8.5-041211	4/12/2011	<0.01	U		<0.01	J	U	0.002	J		<0.007	U		0.0012	J		<0.0069	U	
		VMP-1-8.5-080111	8/1/2011	<4.3	U		<4.3	U		<3.6	U		<2.9	U		<2.9	U		<2.8	U	
		VMP-1-8.5-080111-Dup	8/1/2011	<4.2	U		<4.2	U		<3.5	U		<2.8	U		<2.8	U		<2.8	U	
		VMP-1-8.5-110311	11/3/2011	<48	U		<48	U		<40	U		<32	U		<32	U		<32	U	
		VMP-1-8.5-013012	1/30/2012	<10	U		<10	U		<8.6	U		<7.1	U		<7.1	U		<6.9	U	
		VMP-1-8.5-041612	4/16/2012	<0.0064	U		<0.0064	J	U	0.0028	J		<0.0043	U		0.0035	J		<0.0042	U	
		VMP-1-8.5-041612-Dup	4/16/2012	<0.0062	U		<0.0062	J	U	0.003	J		<0.0042	U		0.0015	J		<0.0041	U	
		VMP-1-8.5-071612	7/16/2012	<0.0055	U		<0.0055	J	U	0.0026	J		<0.0037	U		<0.0037	U		<0.0036	U	
		VMP-1-8.5-101112	10/11/2012	<0.0085	J	U	<0.0085	J	U	0.0021	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-1-8.5-012113	1/21/2013	<0.15	U		<0.15	U		<0.12	U		<0.1	U		<0.1	U		<0.099	U	
		VMP-1-8.5-012313-R	1/23/2013	<0.14	U		<0.14	U		<0.12	U		<0.094	U		<0.094	U		<0.092	U	
		VMP-1-8.5-050813	5/8/2013	<0.0092	U		<0.0092	J	U	0.0026	J		<0.0062	U		<0.0062	U		<0.006	U	
	23.5 ft	VMP-1-23.5	11/2/2009	<2.4	U		<2.4	U		<2	U		<1.6	U		<1.6	U		<1.6	U	
		VMP - 1 - 23.5 - 083010	8/30/2010	<2.7	U		<2.7	U		<2.2	U		<1.8	U		<1.8	U		<1.8	U	
		VMP-1-23.5-111810	11/17/2010	<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-1-23.5-020411	2/4/2011	<7	U		<7	U		<5.8	U		<4.7	U		<4.7	U		<4.6	U	
		VMP-1-23.5-041211	4/12/2011	<11	U		<11	U		<9.4	U		<7.7	U		<7.7	U		<7.5	U	
		VMP-1-23.5-041211-DUP	4/12/2011	<14	U		<14	U		<12	U		<9.7	U		<9.7	U		<9.5	U	
		VMP-1-23.5-080111	8/1/2011	<78	U		<78	U		<64	U		<52	U		<52	U		<51	U	
		VMP-1-23.5-110611	11/6/2011	<18	U		<18	U		<15	U		<12	U		<12	U		<12	U	
		VMP-1-23.5-013112	1/31/2012	<36	U		<36	U		<30	U		<24	U		<24	U		<24	U	
		VMP-1-23.5-041612	4/16/2012	<2.9	U		<2.9	U		<2.4	U		<1.9	U		<1.9	U		<1.9	U	
		VMP-1-23.5-071612	7/16/2012	<36	U		<36	U		<30	U		<24	U		<24	U		<24	U	
		VMP-1-23.5-102412	10/24/2012	<72	U		<72	U		<60	U		<49	U		<49	U		<48	U	
		VMP-1-23.5-012113	1/21/2013	<0.081	U	UJ	<0.081	U	UJ	<0.066	U	UJ	<0.054	U	UJ	<0.054	U	UJ	<0.053	U	UJ
		VMP-1-23.5-012313-R	1/23/2013	<97	U		<97	U		<80	U		<65	U		<65	U		<64	U	
		VMP-1-23.5-050813	5/8/2013	<0.093	U		<0.093	U		<0.077	U		<0.063	U		<0.063	U		<0.061	U	
		VMP-1-23.5-050813-Dup	5/8/2013	<0.087	U		<0.087	U		<0.072	U		<0.059	U		<0.059	U		<0.058	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene		
				1100000			85			5.6			0.062			0.9			0.9		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-1	5 ft	VMP-1-5	11/2/2009	<0.47	U		<0.47	U		<0.41	U		<0.55	U		<0.54	U		<0.54	U	
		VMP-1-5-082510	8/25/2010	<0.017	U		<0.017	U		<0.015	U		<0.02	U		<0.019	U		<0.019	U	
		VMP-1-5-111710	11/17/2010	<0.02	U		<0.02	U		<0.018	U		<0.024	U		<0.023	U		<0.023	U	
		VMP-1-5-020411	2/4/2011	<0.4	U		<0.4	U		<0.35	U		<0.47	U		<0.46	U		<0.46	U	
		VMP-1-5-041211	4/12/2011	<0.0052	U		<0.0052	U		0.0012	J		<0.0061	U		<0.006	U		<0.006	U	
		VMP-1-5-080111	8/1/2011	<0.0052	U		<0.0052	U		0.0098			<0.0061	U		<0.006	U		<0.006	U	
		VMP-1-5-110311	11/3/2011	<14	U		<14	U		2.9	J		<16	U		<16	U		<16	U	
		VMP-1-5-013012	1/30/2012	<1.2	U		<1.2	U		0.37	J	J	<1.3	U		<1.3	U		<1.3	U	
		VMP-1-5-041312	4/13/2012	<0.0035	U		<0.0035	U		<0.031	J	U	<0.0041	U		<0.0041	U		<0.0041	U	
		VMP-1-5-071612	7/16/2012	<0.0036	U		<0.0036	U		0.0028	J		<0.0042	U		<0.0042	U		<0.0042	U	
		VMP-1-5-101112	10/11/2012	<0.0091	U		<0.0091	U		0.0025	J		<0.011	U		<0.01	U		<0.01	U	
		VMP-1-5-012113	1/21/2013	<0.1	U		<0.1	U		<0.9	U		<0.12	U		<0.12	U		<0.12	U	
		VMP-1-5-012313-R	1/23/2013	<4.6	U		<4.6	U		<4	U		<5.4	U		<5.3	U		<5.3	U	
		VMP-1-5-050813	5/8/2013	<0.0057	U		<0.0057	U		0.0014	J		<0.0066	U		<0.0065	U		<0.0065	J	U
	8.5 ft	VMP-1-8.5	11/2/2009	<0.65	U		<0.65	U		<0.57	U		<0.76	U		<0.74	U		<0.74	U	
		VMP-1-8.5-082510	8/25/2010	<0.051	U		<0.051	U		<0.045	U		<0.059	U		<0.058	U		<0.058	U	
		VMP-1-8.5-111710	11/17/2010	<0.0098	U		<0.0098	U		<0.0086	U		<0.011	U		<0.011	U		<0.011	U	
		VMP-1-8.5-111710-Dup	11/17/2010	<0.0098	U		<0.0098	U		<0.0086	U		<0.011	U		<0.011	U		<0.011	U	
		VMP-1-8.5-020411	2/4/2011	<0.79	U		<0.79	U		<0.69	U		<0.92	U		<0.9	U		<0.9	U	
		VMP-1-8.5-041211	4/12/2011	<0.0069	U		<0.0069	U		<0.006	U		<0.008	U		<0.0079	U		<0.0079	U	
		VMP-1-8.5-080111	8/1/2011	<2.8	U		<2.8	U		<2.5	U		<3.3	U		<3.3	U		<3.3	U	
		VMP-1-8.5-080111-Dup	8/1/2011	<2.8	U		<2.8	U		<2.4	U		<3.2	U		<3.2	U		<3.2	U	
		VMP-1-8.5-110311	11/3/2011	<32	U		<32	U		<28	U		<37	U		<36	U		<36	U	
		VMP-1-8.5-013012	1/30/2012	<6.9	U		<6.9	U		1.9	J		<8.1	U		<7.9	U		<7.9	U	
		VMP-1-8.5-041612	4/16/2012	<0.0042	U		<0.0042	U		<0.037	J	U	<0.0049	U		<0.0048	U		0.0018	J	
		VMP-1-8.5-041612-Dup	4/16/2012	<0.0041	U		<0.0041	U		<0.036	J	U	<0.0048	U		<0.0047	U		0.0014	J	
		VMP-1-8.5-071612	7/16/2012	<0.0036	U		<0.0036	U		<0.032	J	U	<0.0042	U		<0.0042	U		<0.0042	U	
		VMP-1-8.5-101112	10/11/2012	<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U	
		VMP-1-8.5-012113	1/21/2013	<0.099	U		<0.099	U		<0.87	U		<0.12	U		<0.11	U		<0.11	U	
		VMP-1-8.5-012313-R	1/23/2013	<0.092	U		<0.092	U		<0.081	U		<0.11	U		<0.1	U		<0.1	U	
		VMP-1-8.5-050813	5/8/2013	<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U	
	23.5 ft	VMP-1-23.5	11/2/2009	<1.6	U		<1.6	U		<1.4	U		<1.8	U		<1.8	U		<1.8	U	
		VMP - 1 - 23.5 - 083010	8/30/2010	<1.8	U		<1.8	U		<1.6	U		<2.1	U		<2	U		<2	U	
		VMP-1-23.5-111810	11/17/2010	<0.0049	U		<0.0049	U		0.00074	J		0.0014	J		<0.0056	U		<0.0056	U	
		VMP-1-23.5-020411	2/4/2011	<4.6	U		<4.6	U		<4	U		<5.4	U		<5.3	U		<5.3	U	
		VMP-1-23.5-041211	4/12/2011	<7.5	U		<7.5	U		2.6	J		<8.8	U		<8.6	U		<8.6	U	
		VMP-1-23.5-041211-DUP	4/12/2011	<9.5	U		<9.5	U		1.5	J		<11	U		<11	U		<11	U	
		VMP-1-23.5-080111	8/1/2011	<51	U		<51	U		<45	U		<60	U		<58	U		<58	U	
		VMP-1-23.5-110611	11/6/2011	<12	U		<12	U		3	J		<14	U		<14	U		<14	U	
		VMP-1-23.5-013112	1/31/2012	<24	U		<24	U		<21	U		<28	U		<27	U		<27	U	
		VMP-1-23.5-041612	4/16/2012	<1.9	U		<1.9	U		<1.6	U		3.3			<2.2	U		<2.2	U	
		VMP-1-23.5-071612	7/16/2012	<24	U		<24	U		<21	U		<28	U		<27	U		<27	U	
		VMP-1-23.5-102412	10/24/2012	<48	U		<48	U		<42	U		<56	U		<55	U		<55	U	
		VMP-1-23.5-012113	1/21/2013	<0.053	U	UJ	<0.053	U	UJ	<0.47	U	UJ	<0.062	U	UJ	<0.061	U	UJ	<0.061	U	UJ
		VMP-1-23.5-012313-R	1/23/2013	<64	U		<64	U		<56	U		<74	U		<73	U		<73	U	
		VMP-1-23.5-050813	5/8/2013	<0.061	U		<0.061	U		<0.054	U		<0.072	U		<0.07	U		<0.07	U	
		VMP-1-23.5-050813-Dup	5/8/2013	<0.058	U		<0.058	U		<0.05	U		<0.067	U		<0.066	U		<0.066	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 113		
				0.22						1400											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-1	5 ft	VMP-1-5	11/2/2009	<1.7	U		<0.9	U		<0.52	U		<0.58	U		<0.91	U		<0.91	U	
		VMP-1-5-082510	8/25/2010	0.015	J		0.03	J		<0.018	U		<0.021	U		<0.032	U		<0.032	U	
		VMP-1-5-111710	11/17/2010	<0.074	U		0.0087	J		0.0052	J		<0.025	U		<0.039	U		<0.039	U	
		VMP-1-5-020411	2/4/2011	<1.4	U		<0.76	U		<0.44	U		<0.5	U		<0.77	U		<0.77	U	
		VMP-1-5-041211	4/12/2011	<0.019	U		<0.0099	U		0.017			0.0018	J		<0.01	U		<0.01	U	
		VMP-1-5-080111	8/1/2011	<0.019	U		0.078			0.0026	J		0.0026	J		<0.01	U		<0.01	U	
		VMP-1-5-110311	11/3/2011	<50	U		<26	U		<15	U		<17	U		<27	U		<27	U	
		VMP-1-5-013012	1/30/2012	<4.2	U		<2.2	U		<1.3	U		<1.4	U		<2.2	U		<2.2	U	
		VMP-1-5-041312	4/13/2012	<0.013	U		0.02			0.0015	J		<0.0044	U		<0.0068	U		<0.0068	U	
		VMP-1-5-071612	7/16/2012	<0.013	U		0.16			0.014			0.0048			<0.007	U		<0.007	U	
		VMP-1-5-101112	10/11/2012	<0.033	UJ	UJ	0.0033	J	J	<0.01	U		<0.011	U		<0.018	U		<0.018	U	
		VMP-1-5-012113	1/21/2013	<0.37	U		0.14	J		<0.11	U		<0.13	U		<0.2	U		<0.2	U	
		VMP-1-5-012313-R	1/23/2013	<17	U		<8.8	U		1.5	J		1.9	J		<8.9	U		<8.9	U	
		VMP-1-5-050813	5/8/2013	<0.021	U		0.0074	J		<0.0062	U		<0.007	U		<0.011	U		<0.011	U	
	8.5 ft	VMP-1-8.5	11/2/2009	<2.4	U		<1.2	U		<0.71	U		<0.8	U		<1.2	U		<1.2	U	
		VMP-1-8.5-082510	8/25/2010	<0.18	U		<0.097	U		<0.056	U		<0.063	U		<0.098	U		<0.098	U	
		VMP-1-8.5-111710	11/17/2010	<0.036	U		0.011	J		0.0048	J		<0.012	U		<0.019	U		<0.019	U	
		VMP-1-8.5-111710-Dup	11/17/2010	<0.036	U		0.009	J		0.0031	J		<0.012	U		<0.019	U		<0.019	U	
		VMP-1-8.5-020411	2/4/2011	<2.9	U		2.1			<0.86	U		<0.98	U		<1.5	U		<1.5	U	
		VMP-1-8.5-041211	4/12/2011	<0.025	U		<0.013	J	U	0.01			0.0023	J		<0.013	U		<0.013	U	
		VMP-1-8.5-080111	8/1/2011	<10	U		<5.4	U		<3.1	U		<3.5	U		<5.5	U		<5.5	U	
		VMP-1-8.5-080111-Dup	8/1/2011	<10	U		<5.3	U		<3.1	U		<3.5	U		<5.4	U		<5.4	U	
		VMP-1-8.5-110311	11/3/2011	<120	U		<61	U		<35	U		<40	U		<62	U		<62	U	
		VMP-1-8.5-013012	1/30/2012	<25	U		<13	U		<7.6	U		<8.6	U		<13	U		<13	U	
		VMP-1-8.5-041612	4/16/2012	<0.015	U		0.0089		J	0.0039	J		<0.0052	U		<0.0081	U		<0.0081	U	
		VMP-1-8.5-041612-Dup	4/16/2012	<0.015	U		0.013		J	0.0036	J		0.00098	J		<0.0079	U		<0.0079	U	
		VMP-1-8.5-071612	7/16/2012	<0.013	U		0.13			0.0072			0.0032	J		<0.007	U		<0.007	U	
		VMP-1-8.5-101112	10/11/2012	<0.02	UJ	UJ	0.0026	J	J	<0.0061	U		<0.0069	U		<0.011	U		<0.011	U	
		VMP-1-8.5-012113	1/21/2013	<0.36	U		<0.19	U		<0.11	U		<0.12	U		<0.19	U		<0.19	U	
		VMP-1-8.5-012313-R	1/23/2013	<0.34	U		<0.18	U		<0.1	U		<0.11	U		<0.18	U		<0.18	U	
		VMP-1-8.5-050813	5/8/2013	<0.022	U		0.0069	J		<0.0066	U		0.0023	J		<0.012	U		<0.012	U	
	23.5 ft	VMP-1-23.5	11/2/2009	<5.7	U		<3	U		<1.7	U		<1.9	U		<3	U		<3	U	
		VMP - 1 - 23.5 - 083010	8/30/2010	<6.5	U		<3.4	U		<1.9	U		<2.2	U		<3.4	U		<3.4	U	
		VMP-1-23.5-111810	11/17/2010	<0.018	U		0.0087	J		0.0015	J		<0.0061	U		<0.0095	U		<0.0095	U	
		VMP-1-23.5-020411	2/4/2011	<17	U		<8.8	U		<5	U		<5.7	U		<8.9	U		<8.9	U	
		VMP-1-23.5-041211	4/12/2011	<27	U		4.9	J		0.93	J		<9.3	U		<14	U		<14	U	
		VMP-1-23.5-041211-DUP	4/12/2011	<34	U		<18	U		1.3	J		<12	U		<18	U		<18	U	
		VMP-1-23.5-080111	8/1/2011	<180	U		<97	U		<56	U		<63	U		<99	U		<99	U	
		VMP-1-23.5-110611	11/6/2011	<44	U		<23	U		<13	U		<15	U		<23	U		<23	U	
		VMP-1-23.5-013112	1/31/2012	<86	U		<45	U		<26	U		<29	U		<46	U		<46	U	
		VMP-1-23.5-041612	4/16/2012	<6.9	U		<3.6	U		<2.1	U		<2.3	U		<3.6	U		<3.6	U	
		VMP-1-23.5-071612	7/16/2012	<87	U		<45	U		<26	U		<30	U		<46	U		<46	U	
		VMP-1-23.5-102412	10/24/2012	<170	U		<91	U		<52	U		<59	U		<92	U		<92	U	
		VMP-1-23.5-012113	1/21/2013	<0.19	U	UJ	0.027	J	J	<0.058	U	UJ	<0.066	U	UJ	<0.1	U	UJ	<0.1	U	UJ
		VMP-1-23.5-012313-R	1/23/2013	<230	U		<120	U		<70	U		<79	U		<120	U		<120	U	
		VMP-1-23.5-050813	5/8/2013	<0.22	U		<0.12	U		<0.067	U		<0.076	U		<0.12	U		<0.12	U	
		VMP-1-23.5-050813-Dup	5/8/2013	<0.21	U		<0.11	U		<0.063	U		<0.072	U		<0.11	U		<0.11	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Freon 114			Heptadecane			Heptane			Hexachlorobutadiene			Hexane			Hexane, 2,2,4-trimethyl-		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-1	5 ft	VMP-1-5	11/2/2009	<0.83	U					3.8			<5.1	U		53					
		VMP-1-5-082510	8/25/2010	<0.03	U					<0.017	U		<0.18	U		0.025					
		VMP-1-5-111710	11/17/2010	<0.036	U					0.16			<0.22	U		0.4					
		VMP-1-5-020411	2/4/2011	<0.71	U					<0.41	U		<4.3	U		9.4					
		VMP-1-5-041211	4/12/2011	<0.0092	U					0.45			<0.056	U		0.53					
		VMP-1-5-080111	8/1/2011	<0.0092	U					0.012			<0.056	U		0.037					
		VMP-1-5-110311	11/3/2011	<24	U					<14	U		<150	U		13					
		VMP-1-5-013012	1/30/2012	<2	U					11		J	<12	U		66		J			
		VMP-1-5-041312	4/13/2012	<0.0062	U					0.0098			<0.038	U		0.0078					
		VMP-1-5-071612	7/16/2012	<0.0064	U					0.093			<0.039	U		0.085					
		VMP-1-5-101112	10/11/2012	<0.016	U					0.021			<0.098	U		0.16					
		VMP-1-5-012113	1/21/2013	<0.18	U					0.14			<1.1	U		2.7					
		VMP-1-5-012313-R	1/23/2013	<8.1	U					25			<50	U		130					
		VMP-1-5-050813	5/8/2013	<0.01	U					<0.0059	U		<0.061	U		0.0021	J				
	8.5 ft	VMP-1-8.5	11/2/2009	<1.1	U					1.7			<7	U		16					
		VMP-1-8.5-082510	8/25/2010	<0.09	U					<0.053	U		<0.55	U		<0.045	U				
		VMP-1-8.5-111710	11/17/2010	<0.017	U					0.075			<0.1	U		0.088					
		VMP-1-8.5-111710-Dup	11/17/2010	<0.017	U					0.06			<0.1	U		0.076					
		VMP-1-8.5-020411	2/4/2011	<1.4	U					<0.81	U		<8.5	U		11					
		VMP-1-8.5-041211	4/12/2011	<0.012	U					0.17			<0.074	U		0.14					
		VMP-1-8.5-080111	8/1/2011	<5	U					<3	U		<31	U		5.1					
		VMP-1-8.5-080111-Dup	8/1/2011	<4.9	U					<2.9	U		<30	U		17					
		VMP-1-8.5-110311	11/3/2011	<56	U					<33	U		<340	U		36					
		VMP-1-8.5-013012	1/30/2012	<12	U					10			<75	U		58					
		VMP-1-8.5-041612	4/16/2012	<0.0074	U					0.0094			<0.045	U		0.0059					
		VMP-1-8.5-041612-Dup	4/16/2012	<0.0072	U					0.009			<0.044	U		0.0061					
		VMP-1-8.5-071612	7/16/2012	<0.0064	U					0.016			<0.039	U		0.01					
		VMP-1-8.5-101112	10/11/2012	<0.0098	U					0.14			<0.06	U		0.14					
		VMP-1-8.5-012113	1/21/2013	<0.18	U					0.12			<1.1	U		1.8					
		VMP-1-8.5-012313-R	1/23/2013	<0.16	U					0.96			<0.99	U		5.4					
		VMP-1-8.5-050813	5/8/2013	<0.011	U					0.0022	J		<0.065	U		0.025					
	23.5 ft	VMP-1-23.5	11/2/2009	<2.8	U					24			<17	U		140					
		VMP - 1 - 23.5 - 083010	8/30/2010	<3.1	U					44			<19	U		260					
		VMP-1-23.5-111810	11/17/2010	<0.0086	U					0.015			<0.053	U		0.016					
		VMP-1-23.5-020411	2/4/2011	<8.1	U					<4.8	U		<50	U		300					
		VMP-1-23.5-041211	4/12/2011	<13	U					4.2	J		<81	U		9.7					
		VMP-1-23.5-041211-DUP	4/12/2011	<17	U					6.8	J		<100	U		14					
		VMP-1-23.5-080111	8/1/2011	<90	U					49	J		<550	U		320					
		VMP-1-23.5-110611	11/6/2011	<21	U					18			<130	U		58					
		VMP-1-23.5-013112	1/31/2012	<42	U					11	J		<260	U		92					
		VMP-1-23.5-041612	4/16/2012	<3.3	U					<2	U		<20	U		7					
		VMP-1-23.5-071612	7/16/2012	<42	U					<25	U		<260	U		180					
		VMP-1-23.5-102412	10/24/2012	<84	U					<49	U		<510	U		96					
		VMP-1-23.5-012113	1/21/2013	<0.094	U	UJ				0.14		J	<0.57	U	UJ	1		J			
		VMP-1-23.5-012313-R	1/23/2013	<110	U					84			<690	U		510					
		VMP-1-23.5-050813	5/8/2013	<0.11	U					<0.064	U		<0.66	U		<0.055	U				
		VMP-1-23.5-050813-Dup	5/8/2013	<0.1	U					<0.06	U		<0.62	U		<0.051	U				

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Hexane, 3,4-dimethyl-			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
													600						3400		
				Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-1	5 ft	VMP-1-5	11/2/2009				<1.9	U					<0.58	U		<0.49	U		<0.43	U	
		VMP-1-5-082510	8/25/2010				<0.07	U					<0.021	U		<0.017	U		<0.015	U	
		VMP-1-5-111710	11/17/2010				<0.084	U					<0.025	U		<0.021	U		<0.018	U	
		VMP-1-5-020411	2/4/2011				<1.6	U					<0.5	U		<0.41	U		<0.36	U	
		VMP-1-5-041211	4/12/2011				<0.022	U		0.099			0.0019	J		<0.0054	U		<0.0048	U	
		VMP-1-5-080111	8/1/2011				0.0024	J		0.45			0.03			0.081			<0.0048	U	
		VMP-1-5-110311	11/3/2011				<57	U		2100			<17	U		<14	U		<13	U	
		VMP-1-5-013012	1/30/2012				<4.8	U		3000		J	<1.4	U		<1.2	U		<1	U	
		VMP-1-5-041312	4/13/2012				<0.015	U		0.011			0.007			0.025			<0.0032	U	
		VMP-1-5-071612	7/16/2012				0.0041	J		0.042			0.062			0.3			<0.0033	U	
		VMP-1-5-101112	10/11/2012				<0.038	UJ	UJ	4.8			<0.011	U		<0.0094	U		<0.0083	U	
		VMP-1-5-012113	1/21/2013				<0.42	U		22			<0.13	U		0.024	J		<0.093	U	
		VMP-1-5-012313-R	1/23/2013				<19	U		2600			<5.7	U		<4.8	U		<4.2	U	
		VMP-1-5-050813	5/8/2013				<0.023	U		0.0048	J		<0.007	U		0.004	J		<0.0052	U	
	8.5 ft	VMP-1-8.5	11/2/2009				<2.7	U					<0.8	U		<0.67	U		<0.59	U	
		VMP-1-8.5-082510	8/25/2010				<0.21	U					<0.063	U		<0.053	U		<0.046	U	
		VMP-1-8.5-111710	11/17/2010				<0.04	U					<0.012	U		<0.01	U		<0.0089	U	
		VMP-1-8.5-111710-Dup	11/17/2010				<0.04	U					<0.012	U		<0.01	U		0.00094	J	
		VMP-1-8.5-020411	2/4/2011				<3.2	U					<0.98	U		<0.81	U		<0.72	U	
		VMP-1-8.5-041211	4/12/2011				<0.028	U		0.046			0.0013	J		<0.0071	U		<0.0063	U	
		VMP-1-8.5-080111	8/1/2011				<12	U		1300			<3.5	U		<2.9	U		<2.6	U	
		VMP-1-8.5-080111-Dup	8/1/2011				<12	U		1300			<3.5	U		<2.9	U		<2.5	U	
		VMP-1-8.5-110311	11/3/2011				<130	U		4500			<40	U		<33	U		<29	U	
		VMP-1-8.5-013012	1/30/2012				<29	U		3200		J	<8.6	U		<7.2	U		<6.3	U	
		VMP-1-8.5-041612	4/16/2012				<0.017	U		0.1		J	0.0094			0.024			<0.0038	U	
		VMP-1-8.5-041612-Dup	4/16/2012				<0.017	U		0.19		J	0.0097			0.022			<0.0037	U	
		VMP-1-8.5-071612	7/16/2012				0.0033	J		0.0055	J		0.067			0.26			<0.0033	U	
		VMP-1-8.5-101112	10/11/2012				<0.023	UJ	UJ	0.22			<0.0069	U		<0.0058	U		<0.0051	U	
		VMP-1-8.5-012113	1/21/2013				<0.41	U		36			<0.12	U		<0.1	U		<0.09	U	
		VMP-1-8.5-012313-R	1/23/2013				<0.38	U		99			<0.11	U		<0.095	U		<0.084	U	
		VMP-1-8.5-050813	5/8/2013				<0.025	U		0.17			<0.0075	U		0.0021	J		<0.0055	U	
	23.5 ft	VMP-1-23.5	11/2/2009				<6.5	U					<1.9	U		<1.6	U		<1.4	U	
		VMP - 1 - 23.5 - 083010	8/30/2010				<7.3	U					<2.2	U		<1.8	U		<1.6	U	
		VMP-1-23.5-111810	11/17/2010				<0.02	U					<0.0061	U		<0.005	U		0.00052	J	
		VMP-1-23.5-020411	2/4/2011				<19	U					<5.7	U		<4.8	U		<4.2	U	
		VMP-1-23.5-041211	4/12/2011				<31	U		900		J	<9.3	U		<7.8	U		<6.8	U	
		VMP-1-23.5-041211-DUP	4/12/2011				<39	U		1300		J	<12	U		<9.8	U		<8.6	U	
		VMP-1-23.5-080111	8/1/2011				<210	U		16000			<63	U		<53	U		<46	U	
		VMP-1-23.5-110611	11/6/2011				<50	U		6000			<15	U		<12	U		<11	U	
		VMP-1-23.5-013112	1/31/2012				<98	U		5600			<29	U		<24	U		<22	U	
		VMP-1-23.5-041612	4/16/2012				<7.8	U		940			1.7	J		<2	U		<1.7	U	
		VMP-1-23.5-071612	7/16/2012				<99	U		6500			<30	U		<25	U		<22	U	
		VMP-1-23.5-102412	10/24/2012				<200	U		2100			<59	U		<49	U		<43	U	
		VMP-1-23.5-012113	1/21/2013				<0.22	U	UJ	14		J	<0.066	U	UJ	<0.055	U	UJ	<0.048	U	UJ
		VMP-1-23.5-012313-R	1/23/2013				<260	U		15000			<79	U		<66	U		<58	U	
		VMP-1-23.5-050813	5/8/2013				<0.25	U		27			<0.076	U		<0.063	U		<0.056	U	
		VMP-1-23.5-050813-Dup	5/8/2013				<0.24	U		28			<0.072	U		<0.06	U		<0.052	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Pentane, 2,2,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,4-dimethyl-			Pentane, 2-methyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-1	5 ft	VMP-1-5	11/2/2009																		
		VMP-1-5-082510	8/25/2010																		
		VMP-1-5-111710	11/17/2010																		
		VMP-1-5-020411	2/4/2011																		
		VMP-1-5-041211	4/12/2011																		
		VMP-1-5-080111	8/1/2011																		
		VMP-1-5-110311	11/3/2011																		
		VMP-1-5-013012	1/30/2012																		
		VMP-1-5-041312	4/13/2012																		
		VMP-1-5-071612	7/16/2012																		
		VMP-1-5-101112	10/11/2012																		
		VMP-1-5-012113	1/21/2013							2400 (ppbV)			1400 (ppbV)						1800 (ppbV)		
		VMP-1-5-012313-R	1/23/2013													320000 (ppbV)					
		VMP-1-5-050813	5/8/2013																		
	8.5 ft	VMP-1-8.5	11/2/2009																		
		VMP-1-8.5-082510	8/25/2010																		
		VMP-1-8.5-111710	11/17/2010																		
		VMP-1-8.5-111710-Dup	11/17/2010																		
		VMP-1-8.5-020411	2/4/2011																		
		VMP-1-8.5-041211	4/12/2011																		
		VMP-1-8.5-080111	8/1/2011																		
		VMP-1-8.5-080111-Dup	8/1/2011																		
		VMP-1-8.5-110311	11/3/2011																		
		VMP-1-8.5-013012	1/30/2012																		
		VMP-1-8.5-041612	4/16/2012																		
		VMP-1-8.5-041612-Dup	4/16/2012																		
		VMP-1-8.5-071612	7/16/2012																		
		VMP-1-8.5-101112	10/11/2012																		
		VMP-1-8.5-012113	1/21/2013													4400 (ppbV)			3000 (ppbV)		
		VMP-1-8.5-012313-R	1/23/2013	5900 (ppbV)												13000 (ppbV)					
		VMP-1-8.5-050813	5/8/2013																		
	23.5 ft	VMP-1-23.5	11/2/2009																		
		VMP - 1 - 23.5 - 083010	8/30/2010																		
		VMP-1-23.5-111810	11/17/2010																		
		VMP-1-23.5-020411	2/4/2011																		
		VMP-1-23.5-041211	4/12/2011																		
		VMP-1-23.5-041211-DUP	4/12/2011																		
		VMP-1-23.5-080111	8/1/2011																		
		VMP-1-23.5-110611	11/6/2011																		
		VMP-1-23.5-013112	1/31/2012																		
		VMP-1-23.5-041612	4/16/2012																		
		VMP-1-23.5-071612	7/16/2012																		
		VMP-1-23.5-102412	10/24/2012																		
		VMP-1-23.5-012113	1/21/2013																		
		VMP-1-23.5-012313-R	1/23/2013													1800000 (ppbV)			870000 (ppbV)		
		VMP-1-23.5-050813	5/8/2013																		
		VMP-1-23.5-050813-Dup	5/8/2013																		

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrachloroethene		
										1400						0.55			0.55		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-1	5 ft	VMP-1-5	11/2/2009	<1.2	U		<0.58	U		<0.51	U		<0.82	U		<0.81	U		<0.81	U	
		VMP-1-5-082510	8/25/2010	<0.042	U		<0.021	U		<0.018	U		<0.029	U		<0.029	U		<0.029	U	
		VMP-1-5-111710	11/17/2010	<0.051	U		<0.025	U		0.0059	J		<0.035	U		<0.035	U		<0.035	U	
		VMP-1-5-020411	2/4/2011	1.9			<0.5	U		<0.43	U		<0.69	U		<0.68	U		<0.68	U	
		VMP-1-5-041211	4/12/2011	0.0032	J		0.0038	J		<0.0056	U		<0.0091	U		0.002	J		0.002	J	
		VMP-1-5-080111	8/1/2011	0.026			0.0013	J		0.0021	J		<0.0091	U		<0.009	U		<0.009	U	
		VMP-1-5-110311	11/3/2011	<34	U		<17	U		<15	U		<24	U		<24	U		<24	U	
		VMP-1-5-013012	1/30/2012	<2.9	U		<1.4	U		<1.2	U		<2	U		<2	U		<2	U	
		VMP-1-5-041312	4/13/2012	0.04			<0.0044	U		<0.0038	U		<0.0061	U		<0.0061	J	U	<0.0061	J	U
		VMP-1-5-071612	7/16/2012	0.13			0.0027	J		0.0038	J		<0.0063	U		0.0039	J		0.0039	J	
		VMP-1-5-101112	10/11/2012	<0.023	U		<0.011	U		<0.0098	U		<0.016	U		<0.016	U		<0.016	U	
		VMP-1-5-012113	1/21/2013	0.15	J		<0.13	U		0.021	J		<0.18	U		<0.18	U		<0.18	U	
		VMP-1-5-012313-R	1/23/2013	<11	U		<5.7	U		<5	U		<8	U		<7.9	U		<7.9	U	
		VMP-1-5-050813	5/8/2013	0.0068	J		<0.007	U		<0.0061	U		<0.0098	U		0.0036	J		0.0036	J	
	8.5 ft	VMP-1-8.5	11/2/2009	<1.6	U		<0.8	U		<0.7	U		<1.1	U		<1.1	U		<1.1	U	
		VMP-1-8.5-082510	8/25/2010	<0.13	U		<0.063	U		<0.055	U		<0.088	U		<0.087	U		<0.087	U	
		VMP-1-8.5-111710	11/17/2010	<0.024	U		0.0022	J		0.0034	J		<0.017	U		<0.017	U		<0.017	U	
		VMP-1-8.5-111710-Dup	11/17/2010	0.015	J		0.0021	J		0.0022	J		<0.017	U		<0.017	U		<0.017	U	
		VMP-1-8.5-020411	2/4/2011	<2	U		<0.98	U		<0.84	U		<1.4	U		<1.3	U		<1.3	U	
		VMP-1-8.5-041211	4/12/2011	<0.017	U		0.0025	J		<0.0074	U		<0.012	U		0.00097	J		0.00097	J	
		VMP-1-8.5-080111	8/1/2011	<7.1	U		<3.5	U		<3.1	U		<4.9	U		<4.9	U		<4.9	U	
		VMP-1-8.5-080111-Dup	8/1/2011	<6.9	U		<3.5	U		<3	U		<4.8	U		<4.8	U		<4.8	U	
		VMP-1-8.5-110311	11/3/2011	<79	U		<40	U		<34	U		<55	U		<55	U		<55	U	
		VMP-1-8.5-013012	1/30/2012	<17	U		<8.6	U		<7.4	U		<12	U		<12	U		<12	U	
		VMP-1-8.5-041612	4/16/2012	0.021			0.00093	J		<0.0045	U		<0.0073	U		<0.0072	U		<0.0072	U	
		VMP-1-8.5-041612-Dup	4/16/2012	0.022			0.00083	J		<0.0044	U		<0.0071	U		<0.007	U		<0.007	U	
		VMP-1-8.5-071612	7/16/2012	0.097			<0.0045	J	U	0.0034	J		<0.0063	U		0.0035	J		0.0035	J	
		VMP-1-8.5-101112	10/11/2012	0.0012	J		<0.0069	U		<0.006	U		<0.0097	U		<0.0096	U		<0.0096	U	
		VMP-1-8.5-012113	1/21/2013	<0.25	U		<0.12	U		<0.11	U		<0.17	U		<0.17	U		<0.17	U	
		VMP-1-8.5-012313-R	1/23/2013	<0.23	U		<0.11	U		<0.099	U		<0.16	U		<0.16	U		<0.16	U	
		VMP-1-8.5-050813	5/8/2013	0.028			<0.0075	U		<0.0065	U		<0.01	U		<0.01	J	U	<0.01	J	U
	23.5 ft	VMP-1-23.5	11/2/2009	<3.9	U		<1.9	U		<1.7	U		<2.7	U		<2.7	U		<2.7	U	
		VMP - 1 - 23.5 - 083010	8/30/2010	<4.4	U		<2.2	U		<1.9	U		<3.1	U		<3	U		<3	U	
		VMP-1-23.5-111810	11/17/2010	0.0052	J		<0.0061	U		0.003	J		<0.0085	U		<0.0084	J	U	<0.0084	J	U
		VMP-1-23.5-020411	2/4/2011	<11	U		<5.7	U		<5	U		<8	U		<7.9	U		<7.9	U	
		VMP-1-23.5-041211	4/12/2011	12	J		<9.3	U		<8.1	U		<13	U		<13	U		<13	U	
		VMP-1-23.5-041211-DUP	4/12/2011	8.1	J		<12	U		<10	U		<16	U		<16	U		<16	U	
		VMP-1-23.5-080111	8/1/2011	14	J		<63	U		<55	U		<88	U		<88	U		<88	U	
		VMP-1-23.5-110611	11/6/2011	<30	U		<15	U		<13	U		<21	U		5.4	J		5.4	J	
		VMP-1-23.5-013112	1/31/2012	<59	U		<29	U		<26	U		<41	U		<41	U		<41	U	
		VMP-1-23.5-041612	4/16/2012	<4.7	U		<2.3	U		<2	U		<3.3	U		<3.2	U		<3.2	U	
		VMP-1-23.5-071612	7/16/2012	<59	U		<30	U		<26	U		<41	U		<41	U		<41	U	
		VMP-1-23.5-102412	10/24/2012	<120	U		<59	U		<51	U		<83	U		<82	U		<82	U	
		VMP-1-23.5-012113	1/21/2013	<0.13	U	UJ	<0.066	U	UJ	<0.057	U	UJ	<0.092	U	UJ	<0.091	U	UJ	<0.091	U	UJ
		VMP-1-23.5-012313-R	1/23/2013	<160	U		<79	U		<68	U		<110	U		<110	U		<110	U	
		VMP-1-23.5-050813	5/8/2013	<0.15	U		<0.076	U		<0.066	U		<0.11	U		<0.1	U		<0.1	U	
		VMP-1-23.5-050813-Dup	5/8/2013	<0.14	U		<0.072	U		<0.062	U		<0.1	U		<0.099	U		<0.099	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							6200			11			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-1	5 ft	VMP-1-5	11/2/2009	<0.35	U		0.63			<3.5	U		<0.65	U		<0.65	U		<0.64	U	
		VMP-1-5-082510	8/25/2010	<0.012	U		0.0031	J		<0.13	U		<0.023	U		<0.023	U		<0.023	U	
		VMP-1-5-111710	11/17/2010	<0.015	U		<0.019	U		<0.15	U		<0.028	U		<0.028	U		<0.028	U	
		VMP-1-5-020411	2/4/2011	<0.3	U		<0.38	U		<3	U		<0.55	U		<0.55	U		<0.54	U	
		VMP-1-5-041211	4/12/2011	<0.0039	U		0.0024	J		<0.039	J	U	<0.0072	U		<0.0072	U		<0.0071	J	U
		VMP-1-5-080111	8/1/2011	0.0016	J		0.032			<0.039	U		<0.0072	U		<0.0072	U		0.01		
		VMP-1-5-110311	11/3/2011	<10	U		<13	U		<100	U		<19	U		<19	U		<19	U	
		VMP-1-5-013012	1/30/2012	<0.86	U		<1.1	U		<8.6	U		<1.6	U		<1.6	U		<1.6	U	
		VMP-1-5-041312	4/13/2012	<0.0026	J	U	0.0073			<0.026	U		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-1-5-071612	7/16/2012	<0.0027	U		0.14			<0.027	U		<0.005	J	U	<0.005	U		<0.0049	J	U
		VMP-1-5-101112	10/11/2012	<0.0068	U		0.0014	J		<0.068	U		<0.012	U		<0.012	U		<0.012	U	
		VMP-1-5-012113	1/21/2013	<0.076	U		0.025	J		<0.76	U		<0.14	U		<0.14	U		<0.14	U	
		VMP-1-5-012313-R	1/23/2013	<3.4	U		4	J		<34	U		<6.4	U		<6.4	U		<6.3	U	
		VMP-1-5-050813	5/8/2013	<0.0042	U		0.0015	J		<0.042	U		<0.0078	U		<0.0078	U		<0.0077	U	
	8.5 ft	VMP-1-8.5	11/2/2009	<0.48	U		<0.62	U		<4.8	U		<0.89	U		<0.89	U		<0.88	U	
		VMP-1-8.5-082510	8/25/2010	<0.038	U		<0.048	U		<0.38	U		<0.07	U		<0.07	U		<0.069	U	
		VMP-1-8.5-111710	11/17/2010	<0.0073	U		<0.0093	U		<0.073	U		<0.013	U		<0.013	U		<0.013	J	U
		VMP-1-8.5-111710-Dup	11/17/2010	<0.0073	U		0.002	J		<0.073	U		<0.013	U		<0.013	U		<0.013	J	U
		VMP-1-8.5-020411	2/4/2011	<0.58	U		<0.75	U		<5.9	U		<1.1	U		<1.1	U		<1.1	U	
		VMP-1-8.5-041211	4/12/2011	<0.0051	U		0.0022	J		<0.052	J	U	<0.0095	U		<0.0095	U		0.0048	J	
		VMP-1-8.5-080111	8/1/2011	<2.1	U		<2.7	U		<21	U		<3.9	U		<3.9	U		<3.9	U	
		VMP-1-8.5-080111-Dup	8/1/2011	<2.1	U		<2.6	U		<21	U		<3.8	U		<3.8	U		<3.8	U	
		VMP-1-8.5-110311	11/3/2011	<24	U		<30	U		<240	U		<44	U		<44	U		<43	U	
		VMP-1-8.5-013012	1/30/2012	<5.2	U		<6.6	U		<52	U		<9.5	U		<9.5	U		<9.4	U	
		VMP-1-8.5-041612	4/16/2012	<0.0031	U		0.012			<0.031	J	U	<0.0058	J	U	<0.0058	U		<0.0057	U	
		VMP-1-8.5-041612-Dup	4/16/2012	<0.003	U		0.014			<0.03	J	U	<0.0056	J	U	<0.0056	U		<0.0055	U	
		VMP-1-8.5-071612	7/16/2012	0.0049			0.11			<0.027	U		<0.005	J	U	<0.005	U		<0.0049	J	U
		VMP-1-8.5-101112	10/11/2012	<0.0042	U		0.0014	J		<0.042	J	U	<0.0077	U		<0.0077	U		<0.0076	U	
		VMP-1-8.5-012113	1/21/2013	<0.074	U		<0.094	U		<0.74	UJ	UJ	<0.14	U		<0.14	U		<0.13	U	
		VMP-1-8.5-012313-R	1/23/2013	<0.069	U		0.018	J		<0.69	U		<0.13	U		<0.13	U		<0.12	U	
		VMP-1-8.5-050813	5/8/2013	<0.0045	U		0.0016	J		<0.045	U		<0.0083	U		<0.0083	U		<0.0082	U	
	23.5 ft	VMP-1-23.5	11/2/2009	<1.2	U		<1.5	U		<12	U		<2.2	U		<2.2	U		<2.1	U	
		VMP - 1 - 23.5 - 083010	8/30/2010	<1.3	U		<1.7	U		<13	U		<2.4	U		<2.4	U		<2.4	U	
		VMP-1-23.5-111810	11/17/2010	<0.0036	U		0.001	J		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	J	U
		VMP-1-23.5-020411	2/4/2011	<3.4	U		<4.4	U		<34	U		<6.4	U		<6.4	U		<6.3	U	
		VMP-1-23.5-041211	4/12/2011	<5.6	U		1.9	J		<56	U		<10	U		<10	U		11		
		VMP-1-23.5-041211-DUP	4/12/2011	<7.1	U		<9	U		<71	U		<13	U		<13	U		2.2	J	
		VMP-1-23.5-080111	8/1/2011	<38	U		<49	U		<380	U		<70	U		<70	U		<69	U	
		VMP-1-23.5-110611	11/6/2011	<9	U		5.1	J		<90	U		<17	U		<17	U		<16	U	
		VMP-1-23.5-013112	1/31/2012	<18	U		<23	U		<180	U		<33	U		<33	U		<32	U	
		VMP-1-23.5-041612	4/16/2012	<1.4	U		<1.8	U		<14	U		<2.6	U		<2.6	U		<2.6	U	
		VMP-1-23.5-071612	7/16/2012	<18	U		<23	U		<180	U		<33	U		<33	U		<32	U	
		VMP-1-23.5-102412	10/24/2012	<36	U		12	J		<360	U		<66	U		<66	U		<65	U	
		VMP-1-23.5-012113	1/21/2013	<0.04	U	UJ	<0.051	U	UJ	<0.4	UJ	UJ	<0.073	U	UJ	<0.073	U	UJ	<0.072	U	UJ
		VMP-1-23.5-012313-R	1/23/2013	<47	U		27	J		<480	U		<88	U		<88	U		<86	U	
		VMP-1-23.5-050813	5/8/2013	<0.046	U		<0.058	U		<0.46	U		<0.084	U		<0.084	U		<0.083	U	
		VMP-1-23.5-050813-Dup	5/8/2013	<0.043	U		<0.055	U		<0.43	U		<0.079	U		<0.079	U		<0.078	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride		
				860			860												0.29		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-1	5 ft	VMP-1-5	11/2/2009	<0.67	U		<0.67	U		<0.58	U		<0.58	U		220			<0.3	U	
		VMP-1-5-082510	8/25/2010	<0.024	U		<0.024	U		<0.021	U		<0.021	U		0.74			<0.011	U	
		VMP-1-5-111710	11/17/2010	<0.029	U		<0.029	U		<0.025	U		<0.025	U		5.3			<0.013	U	
		VMP-1-5-020411	2/4/2011	<0.57	U		<0.57	U		<0.5	U		<0.5	U		270			<0.26	U	
		VMP-1-5-041211	4/12/2011	0.0012	J		0.0012	J		0.0023	J		<0.0065	U		1.5			<0.0034	U	
		VMP-1-5-080111	8/1/2011	<0.0074	U		<0.0074	U		0.0066			0.0019	J		0.14			<0.0034	U	
		VMP-1-5-110311	11/3/2011	<20	U	UJ	<20	U	UJ	<17	U		<17	U		250			<8.9	U	
		VMP-1-5-013012	1/30/2012	<1.6	U		<1.6	U		<1.4	U		<1.4	U		440		J	<0.74	U	
		VMP-1-5-041312	4/13/2012	0.0014	J		0.0014	J		0.00086	J		<0.0044	U		0.017			<0.0023	U	
		VMP-1-5-071612	7/16/2012	0.0013	J		0.0013	J		0.0042	J		<0.0045	J	U	0.089			<0.0023	U	
		VMP-1-5-101112	10/11/2012	<0.013	U		<0.013	U		<0.011	U		<0.011	U		1.2			<0.0059	U	
		VMP-1-5-012113	1/21/2013	<0.14	U		<0.14	U		<0.13	U		<0.13	U		4.5			<0.066	U	
		VMP-1-5-012313-R	1/23/2013	<6.5	U		<6.5	U		2.3	J		<5.7	U		140			<3	U	
		VMP-1-5-050813	5/8/2013	0.0016	J		0.0016	J		<0.007	U		<0.007	U		0.0045	J		<0.0036	U	
	8.5 ft	VMP-1-8.5	11/2/2009	<0.92	U		<0.92	U		<0.8	U		<0.8	U		370			<0.42	U	
		VMP-1-8.5-082510	8/25/2010	<0.072	U		<0.072	U		<0.063	U		<0.063	U		4.2			<0.033	U	
		VMP-1-8.5-111710	11/17/2010	<0.014	U		<0.014	U		<0.012	U		<0.012	U		3.1			<0.0063	U	
		VMP-1-8.5-111710-Dup	11/17/2010	<0.014	U		<0.014	U		<0.012	U		<0.012	U		2.8			<0.0063	U	
		VMP-1-8.5-020411	2/4/2011	<1.1	U		<1.1	U		<0.98	U		<0.98	U		350			<0.51	U	
		VMP-1-8.5-041211	4/12/2011	0.0012	J		0.0012	J		0.0025	J		<0.0086	U		1.9			<0.0044	U	
		VMP-1-8.5-080111	8/1/2011	<4	U		<4	U		<3.5	U		<3.5	U		380			<1.8	U	
		VMP-1-8.5-080111-Dup	8/1/2011	<4	U		<4	U		<3.5	U		<3.5	U		360			<1.8	U	
		VMP-1-8.5-110311	11/3/2011	<45	U	UJ	<45	U	UJ	<40	U		<40	U		480			<20	U	
		VMP-1-8.5-013012	1/30/2012	<9.8	U		<9.8	U		<8.6	U		<8.6	U		320			<4.5	U	
		VMP-1-8.5-041612	4/16/2012	0.0018	J		0.0018	J		<0.0052	U		0.00086	J		0.078			<0.0027	U	
		VMP-1-8.5-041612-Dup	4/16/2012	0.0019	J		0.0019	J		0.0015	J		<0.0051	U		0.075			<0.0026	U	
		VMP-1-8.5-071612	7/16/2012	0.0012	J		0.0012	J		<0.0045	J	U	<0.0045	J	U	0.0041	J		<0.0024	U	
		VMP-1-8.5-101112	10/11/2012	0.0014	J		0.0014	J		<0.0069	U		<0.0069	U		0.82			<0.0036	U	
		VMP-1-8.5-012113	1/21/2013	<0.14	U	UJ	<0.14	U	UJ	<0.12	U		<0.12	U		5.7			<0.064	U	
		VMP-1-8.5-012313-R	1/23/2013	<0.13	U		<0.13	U		<0.11	U		<0.11	U		4.6			<0.06	U	
		VMP-1-8.5-050813	5/8/2013	0.0017	J		0.0017	J		0.0035	J	J	<0.0075	U		0.046			<0.0039	U	
	23.5 ft	VMP-1-23.5	11/2/2009	<2.2	U		<2.2	U		<1.9	U		<1.9	U		920			<1	U	
		VMP - 1 - 23.5 - 083010	8/30/2010	<2.5	U		<2.5	U		<2.2	U		<2.2	U		1600			<1.1	U	
		VMP-1-23.5-111810	11/17/2010	0.0014	J		0.0014	J		<0.0061	U		<0.0061	U		0.06			<0.0032	U	
		VMP-1-23.5-020411	2/4/2011	<6.5	U		<6.5	U		<5.7	U		<5.7	U		1900			<3	U	
		VMP-1-23.5-041211	4/12/2011	<11	U		<11	U		<9.3	U		<9.3	U		110		J	<4.8	U	
		VMP-1-23.5-041211-DUP	4/12/2011	<13	U		<13	U		<12	U		<12	U		150		J	<6.1	U	
		VMP-1-23.5-080111	8/1/2011	<72	U		<72	U		<63	U		<63	U		1000			<33	U	
		VMP-1-23.5-110611	11/6/2011	<17	U		<17	U		<15	U		<15	U		710			<7.8	U	
		VMP-1-23.5-013112	1/31/2012	<34	U		<34	U		<120	U		<29	U		420			<15	U	
		VMP-1-23.5-041612	4/16/2012	<2.7	U		<2.7	U		<2.3	U		<2.3	U		76			<1.2	U	
		VMP-1-23.5-071612	7/16/2012	<34	U		<34	U		<30	U		<30	U		240			<15	U	
		VMP-1-23.5-102412	10/24/2012	<68	U		<68	U		<59	U		<59	U		180			<31	U	
		VMP-1-23.5-012113	1/21/2013	<0.076	U	UJ	<0.076	U	UJ	<0.066	U	UJ	<0.066	U	UJ	4.2		J	<0.034	U	UJ
		VMP-1-23.5-012313-R	1/23/2013	<90	U		<90	U		<79	U		<79	U		790			<41	U	
		VMP-1-23.5-050813	5/8/2013	<0.087	U		<0.087	U		<0.076	U		<0.076	U		12			<0.04	U	
		VMP-1-23.5-050813-Dup	5/8/2013	<0.082	U		<0.082	U		<0.072	U		<0.072	U		12			<0.037	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	m,p-Xylenes			o-Xylenes			Isobutane			Isobutane			Pentane		
				130			120											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-1	5 ft	VMP-1-5	11/2/2009	<0.52	U		<0.52	U										
		VMP-1-5-082510	8/25/2010	0.0024	J		<0.018	U										
		VMP-1-5-111710	11/17/2010	0.0043	J		<0.022	U										
		VMP-1-5-020411	2/4/2011	<0.44	U		<0.44	U										
		VMP-1-5-041211	4/12/2011	0.0056			<0.0057	U										
		VMP-1-5-080111	8/1/2011	0.0079			0.0029	J										
		VMP-1-5-110311	11/3/2011	<15	U		<15	U										
		VMP-1-5-013012	1/30/2012	<1.3	U		<1.3	U										
		VMP-1-5-041312	4/13/2012	0.0036	J		0.0013	J										
		VMP-1-5-071612	7/16/2012	0.028			0.0086											
		VMP-1-5-101112	10/11/2012	0.0034	J		<0.01	U										
		VMP-1-5-012113	1/21/2013	<0.11	U		<0.11	U								1900 (ppbV)		
		VMP-1-5-012313-R	1/23/2013	3.9	J		1.8	J		240000 (ppbV)			240000 (ppbV)			340000 (ppbV)		
		VMP-1-5-050813	5/8/2013	<0.0062	U		<0.0062	U										
	8.5 ft	VMP-1-8.5	11/2/2009	<0.71	U		<0.71	U										
		VMP-1-8.5-082510	8/25/2010	<0.056	U		<0.056	U										
		VMP-1-8.5-111710	11/17/2010	0.002	J		<0.011	U										
		VMP-1-8.5-111710-Dup	11/17/2010	0.0014	J		<0.011	U										
		VMP-1-8.5-020411	2/4/2011	<0.86	U		<0.86	U										
		VMP-1-8.5-041211	4/12/2011	0.0047	J		<0.0076	U										
		VMP-1-8.5-080111	8/1/2011	<3.1	U		<3.1	U										
		VMP-1-8.5-080111-Dup	8/1/2011	<3.1	U		<3.1	U										
		VMP-1-8.5-110311	11/3/2011	<35	U		<35	U										
		VMP-1-8.5-013012	1/30/2012	<7.6	U		<7.6	U										
		VMP-1-8.5-041612	4/16/2012	0.0073			0.0024	J										
		VMP-1-8.5-041612-Dup	4/16/2012	0.0068			0.0027	J										
		VMP-1-8.5-071612	7/16/2012	0.02			0.0052											
		VMP-1-8.5-101112	10/11/2012	<0.0061	U		<0.0061	U										
		VMP-1-8.5-012113	1/21/2013	<0.11	U		<0.11	U		3800 (ppbV)			3800 (ppbV)			4600 (ppbV)		
		VMP-1-8.5-012313-R	1/23/2013	0.039	J		0.021	J		11000 (ppbV)			11000 (ppbV)			15000 (ppbV)		
		VMP-1-8.5-050813	5/8/2013	0.0049	J		0.0016	J										
	23.5 ft	VMP-1-23.5	11/2/2009	<1.7	U		<1.7	U										
		VMP - 1 - 23.5 - 083010	8/30/2010	<1.9	U		<1.9	U										
		VMP-1-23.5-111810	11/17/2010	<0.0054	J	U	<0.0054	U										
		VMP-1-23.5-020411	2/4/2011	<5	U		<5	U										
		VMP-1-23.5-041211	4/12/2011	<8.2	U		<8.2	U										
		VMP-1-23.5-041211-DUP	4/12/2011	<10	U		<10	U										
		VMP-1-23.5-080111	8/1/2011	<56	U		<56	U										
		VMP-1-23.5-110611	11/6/2011	<13	U		<13	U										
		VMP-1-23.5-013112	1/31/2012	<26	U		<26	U										
		VMP-1-23.5-041612	4/16/2012	<2.1	U		<2.1	U										
		VMP-1-23.5-071612	7/16/2012	<26	U		<26	U										
		VMP-1-23.5-102412	10/24/2012	7	J		<52	U										
		VMP-1-23.5-012113	1/21/2013	<0.058	U	UJ	<0.058	U	UJ									
		VMP-1-23.5-012313-R	1/23/2013	23	J		<70	U		1300000 (ppbV)			1300000 (ppbV)			1600000 (ppbV)		
		VMP-1-23.5-050813	5/8/2013	<0.067	U		<0.067	U										
		VMP-1-23.5-050813-Dup	5/8/2013	<0.063	U		<0.063	U										

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene		
				750000			0.37			450000			11			6.9					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-2	38.5 ft	VMP-1-38.5	11/2/2009	<11	U		3.8			<7.5	U		<12	U		<4.3	U		420		
		VMP-1-38.5-073112	7/31/2012	0.14			0.042			<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U	
		VMP-1-38.5-102612	10/26/2012	<6.2	U		0.71	J		<4.4	U		<6.7	U		<2.5	U		<1.4	U	
		VMP-1-38.5-012113	1/21/2013	0.02	J	J	0.01	J	J	<0.059	U	UJ	<0.091	U	UJ	0.024	J	J	<0.019	U	UJ
		VMP-1-38.5-012313-R	1/23/2013	<110	U		11	J		<80	U		<120	U		<46	U		<26	U	
		VMP-1-38.5-050913	5/9/2013	2000		J	<120	U		<260	U		<390	U		<1500	U		<84	U	
	5 ft	VMP-2-5	11/2/2009	<1.4	U		<0.46	U		<0.97	U		<1.5	U		<0.56	U		<0.32	U	
		VMP - 2 - 5 - 083110	8/31/2010	<4.3	U		0.89	J		<3	U		<4.6	U		<1.7	U		<0.99	U	
		VMP-2-5-111610	11/16/2010	<6.3	U		<2.1	U		<4.4	U		<6.8	U		<2.6	U		<1.5	U	
		VMP-2-5-020411	2/4/2011	0.45	J		<0.55	U		<1.2	U		<1.8	U		<0.67	U		<0.38	U	
		VMP-2-5-041311	4/13/2011	0.012	J		0.33			<0.0093	U		<0.014	U		<0.0054	U		<0.0031	U	
		VMP-2-5-080211	8/2/2011	<14	U		<4.6	U		<9.7	U		<15	U		<5.6	U		<3.2	U	
		VMP-2-5-110711	11/7/2011	0.02			0.0025	J		<0.0057	U		<0.0088	J	U	<0.0033	U		<0.0019	U	
		VMP-2-5-012512	1/25/2012	3.8			0.23	J		<0.65	U		<1	U		<0.38	U		<0.21	U	
		VMP-2-5-042512	4/25/2012	0.055	J		0.18			<0.026	U		<0.039	U		<0.15	U		<0.0084	U	
		VMP-2-5-071612	7/16/2012	0.12			0.067			<0.0062	U		<0.0096	U		<0.036	U	UJ	<0.002	U	
		VMP-2-5-102412	10/24/2012	0.077			0.17			<0.0096	U		<0.015	U		<0.056	U		<0.0032	U	
		VMP-2-5-013113	1/31/2013	0.013	J		0.0026	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
		VMP-2-5-050613	5/6/2013	0.11			<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U	
	8.5 ft	VMP-2-8.5	11/3/2009	<0.48	U		<0.16	U		<0.34	U		<0.53	U		<0.2	U		<0.11	U	
		VMP-2-8.5-D	11/3/2009	<0.51	U		<0.17	U		<0.36	U		<0.56	U		<0.21	U		<0.12	U	
		VMP - 2 - 8.5 - 083110	8/31/2010	<4.4	U		1.4			<3.1	U		<4.8	U		<1.8	U		<1	U	
		VMP-2-8.5-111610	11/16/2010	<12	U		<4	U		<8.4	U		<13	U		<4.9	U		<2.8	U	
		VMP-2-8.5-020411	2/4/2011	0.56	J		<1.4	U		<2.9	U		<4.4	U		<1.7	U		<0.95	U	
		VMP-2-8.5-041311	4/13/2011	<1.2	U		1.1			<0.88	U		<1.4	U		0.24	J		<0.29	U	
		VMP-2-8.5-080211	8/2/2011	12	J		<17	U		<36	U		<55	U		<20	U		<12	U	
		VMP-2-8.5-110711	11/7/2011	<0.11	U		<0.036	U		<0.076	U		<0.12	U		<0.044	U		<0.025	U	
		VMP-2-8.5-012612	1/26/2012	<4.8	U		0.53	J		<3.4	U		<21	U		<2	U		<1.1	U	
		VMP-2-8.5-012612-DUP	1/26/2012	0.37	J	J	0.79	J		<3.4	U		<21	U		<2	U		<1.1	U	
		VMP-2-8.5-041612	4/16/2012	0.018	J		0.012			<0.0066	U		<0.01	U		<0.038	U		<0.0022	U	
		VMP-2-8.5-041612-Dup	4/16/2012	0.032			0.013			<0.0067	U		<0.01	U		<0.039	U		<0.0022	U	
		VMP-2-8.5-071612	7/16/2012	0.047			0.087			<0.0075	U		<0.012	U		<0.043	U	UJ	<0.0025	U	
		VMP-2-8.5-071612-Dup	7/16/2012	0.071			0.084			<0.0062	U		<0.0095	U		0.0039	J	J	<0.002	U	
		VMP-2-8.5-102312	10/23/2012	0.052			0.014			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
		VMP-2-8.5-020513	2/5/2013	0.006	J		0.0022	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U	
		VMP-2-8.5-050613	5/6/2013	0.013	J		0.008			<0.0093	U		<0.014	U		<0.054	U		<0.0031	U	
		VMP-2-8.5-050613-Dup	5/6/2013	0.01	J		0.0064			<0.009	U		<0.014	U		<0.052	U		<0.003	U	
	22 ft	VMP-2-22	11/3/2009	<2.7	U		<0.89	U		<1.9	U		<2.9	U		<1.1	U		<0.62	U	
		VMP - 2 - 22 - 083110	8/31/2010	<6.7	U		1.7	J		<4.7	U		<7.3	U		<2.7	U		<1.6	U	
		VMP-2-22-111610	11/16/2010	<12	U		<4.2	U		<8.8	U		<14	U		<5.1	U		<2.9	U	
		VMP-2-22-020411	2/4/2011	1.4	J		0.75	J		<4	U		<6.2	U		<2.3	U		<1.3	U	
		VMP-2-22-041311	4/13/2011	<16	U		1	J		<12	U		<18	U		<6.8	U		<3.9	U	
		VMP-2-22-080211	8/2/2011	<67	U		<22	U		<47	U		<73	U		<27	U		<16	U	
		VMP-2-22-110711	11/7/2011	29		J	0.24	J		<2.5	U		<3.9	U		<1.4	U		<0.83	U	
		VMP-2-22-012612	1/26/2012	<7.4	U		0.74	J	J	<5.2	U		<32	U		<3	U		<1.7	U	
		VMP-2-22-042712	4/27/2012	0.014	J		0.079			<0.0054	U		<0.0083	U		0.0056	J		<0.0018	U	
		VMP-2-22-071612	7/16/2012	0.13			0.19			<0.0064	U		<0.0098	U		0.0012	J	J	<0.0021	U	
		VMP-2-22-102312	10/23/2012	0.055			0.0066			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
		VMP-2-22-013113	1/31/2013	0.01	J		0.0018	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U	
		VMP-2-22-050613	5/6/2013	0.011	J		0.015			<0.0093	U		<0.014	U		<0.054	U		<0.0031	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Butane			Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			2-Butanone			Carbon disulfide		
																6400			780		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-2	38.5 ft	VMP-1-38.5	11/2/2009													<3.3	U		<3.5	U	
		VMP-1-38.5-073112	7/31/2012	0.0028	J											0.022			<0.012	U	
		VMP-1-38.5-102612	10/26/2012	4200												<7.7	U		<2	U	
		VMP-1-38.5-012113	1/21/2013	9.2		J										<0.1	U	UJ	<0.11	U	UJ
		VMP-1-38.5-012313-R	1/23/2013	21000									460000 (ppbV)			<140	U		<37	U	
		VMP-1-38.5-050913	5/9/2013	74000												<450	U		<480	U	
	5 ft	VMP-2-5	11/2/2009													<0.43	U		<0.45	U	
		VMP - 2 - 5 - 083110	8/31/2010													<1.3	U		<1.4	U	
		VMP-2-5-111610	11/16/2010													<1.9	U		<2	U	
		VMP-2-5-020411	2/4/2011													<0.51	U		<0.54	U	
		VMP-2-5-041311	4/13/2011	0.1												<0.016	U		0.0038	J	
		VMP-2-5-080211	8/2/2011	2200												<17	U		<4.5	U	
		VMP-2-5-110711	11/7/2011	<0.0081	U											0.0051	J		<0.011	J	U
		VMP-2-5-012512	1/25/2012	<0.92	U											0.98	J		2.3		
		VMP-2-5-042512	4/25/2012	0.066												0.047			0.0075	J	
		VMP-2-5-071612	7/16/2012	0.4												0.066			<0.012	J	U
		VMP-2-5-102412	10/24/2012	0.012	J											0.034			<0.018	J	U
		VMP-2-5-013113	1/31/2013	0.023												<0.016	U		<0.017	J	U
		VMP-2-5-050613	5/6/2013	<0.012	U											0.01	J		<0.016	J	U
	8.5 ft	VMP-2-8.5	11/3/2009													<0.15	U		<0.16	U	
		VMP-2-8.5-D	11/3/2009													<0.16	U		<0.17	U	
		VMP - 2 - 8.5 - 083110	8/31/2010													<1.4	U		<1.4	U	
		VMP-2-8.5-111610	11/16/2010													<3.7	U		<3.9	U	
		VMP-2-8.5-020411	2/4/2011													<1.3	U		<1.3	U	
		VMP-2-8.5-041311	4/13/2011	1.5												<1.6	U		0.36	J	
		VMP-2-8.5-080211	8/2/2011	4200												<62	U		8	J	
		VMP-2-8.5-110711	11/7/2011	<0.11	U											<0.13	U		<0.14	U	
		VMP-2-8.5-012612	1/26/2012	320												<6	U		<1.6	U	
		VMP-2-8.5-012612-DUP	1/26/2012	370		J										<6	U		<1.6	U	
		VMP-2-8.5-041612	4/16/2012	0.03		J										0.0056	J		<0.012	J	U
		VMP-2-8.5-041612-Dup	4/16/2012	0.0096		J										0.0062	J		<0.012	J	U
		VMP-2-8.5-071612	7/16/2012	0.077		J										0.024			<0.014	J	U
		VMP-2-8.5-071612-Dup	7/16/2012	0.02		J										0.028			<0.011	J	U
		VMP-2-8.5-102312	10/23/2012	0.58												0.01	J		<0.018	U	
		VMP-2-8.5-020513	2/5/2013	0.038												<0.017	U		<0.018	J	U
		VMP-2-8.5-050613	5/6/2013	<0.013	U											<0.016	U		<0.017	J	U
		VMP-2-8.5-050613-Dup	5/6/2013	<0.013	U											<0.016	U		<0.017	J	U
	22 ft	VMP-2-22	11/3/2009													<0.82	U		<0.87	U	
		VMP - 2 - 22 - 083110	8/31/2010													<2.1	U		<2.2	U	
		VMP-2-22-111610	11/16/2010													<3.9	U		<4.1	U	
		VMP-2-22-020411	2/4/2011													<1.8	U		<1.8	U	
		VMP-2-22-041311	4/13/2011	410												<20	U		<22	U	
		VMP-2-22-080211	8/2/2011	4900												<83	U		<22	U	
		VMP-2-22-110711	11/7/2011	230												0.37	J		<4.6	U	
		VMP-2-22-012612	1/26/2012	500		J										<9.1	U		<2.4	U	
		VMP-2-22-042712	4/27/2012	0.0086												0.015			<0.01	J	U
		VMP-2-22-071612	7/16/2012	0.042												0.054			<0.012	J	U
		VMP-2-22-102312	10/23/2012	0.079												0.006	J		<0.018	J	U
		VMP-2-22-013113	1/31/2013	0.0043	J											<0.016	U		0.002	J	
		VMP-2-22-050613	5/6/2013	<0.013	U											<0.016	U		<0.017	J	U

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane		
				0.21			69			57000						0.11					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-2	38.5 ft	VMP-1-38.5	11/2/2009	<7	U		<5.2	U		<9.5	U		<3	U		<5.5	U		<9.2	U	
		VMP-1-38.5-073112	7/31/2012	<0.0059	U		<0.0043	U		<0.008	U		<0.0099	U		0.0011	J		0.022		
		VMP-1-38.5-102612	10/26/2012	<4.1	U		<3	U		<5.5	U		<6.9	U		<3.2	U		<5.4	U	
		VMP-1-38.5-012113	1/21/2013	<0.055	U	UJ	<0.04	U	UJ	<0.075	U	UJ	<0.093	U	UJ	<0.043	U	UJ	<0.18	U	UJ
		VMP-1-38.5-012313-R	1/23/2013	<75	U		<55	U		<100	U		<120	U		<58	U		<98	U	
		VMP-1-38.5-050913	5/9/2013	<240	U		<180	U		<320	U		<400	U		<190	U		<790	U	
	5 ft	VMP-2-5	11/2/2009	<0.92	U		<0.67	U		<1.2	U		<0.38	U		<0.71	U		<1.2	U	
		VMP - 2 - 5 - 083110	8/31/2010	<2.8	U		<2.1	U		<3.8	U		<1.2	U		<2.2	U		<3.7	U	
		VMP-2-5-111610	11/16/2010	<4.2	U		<3	U		<5.6	U		<1.7	U		<3.2	U		<5.4	U	
		VMP-2-5-020411	2/4/2011	<1.1	U		<0.79	U		<1.5	U		<0.46	U		<0.84	U		<1.4	U	
		VMP-2-5-041311	4/13/2011	<0.0087	U		<0.0064	J	U	<0.012	U		<0.015	U		<0.0068	U		<0.011	U	
		VMP-2-5-080211	8/2/2011	<9.1	U		<6.6	U		<12	U		<15	U		<7	U		<12	U	
		VMP-2-5-110711	11/7/2011	<0.0054	U		<0.0039	J	U	<0.0073	U		<0.009	U		<0.0042	U		<0.0071	U	
		VMP-2-5-012512	1/25/2012	<0.61	U		0.17	J		<0.83	U		<1	U		<0.47	U		<0.8	U	
		VMP-2-5-042512	4/25/2012	<0.024	U		0.0077	J		<0.032	U		<0.04	U		<0.019	U		<0.079	U	
		VMP-2-5-071612	7/16/2012	<0.0058	U		<0.0043	J	U	<0.0079	U		<0.0098	U		0.0067			<0.019	U	
		VMP-2-5-102412	10/24/2012	<0.009	U		<0.0066	J	U	<0.012	U		<0.015	U		<0.007	U		<0.03	U	
		VMP-2-5-013113	1/31/2013	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	
		VMP-2-5-050613	5/6/2013	<0.0081	U		<0.0059	J	U	<0.011	U		<0.014	U		<0.0063	U		<0.027	U	
	8.5 ft	VMP-2-8.5	11/3/2009	<0.32	U		<0.23	U		<0.43	U		<0.13	U		<0.25	U		<0.42	U	
		VMP-2-8.5-D	11/3/2009	<0.34	U		<0.25	U		<0.46	U		<0.14	U		<0.26	U		<0.45	U	
		VMP - 2 - 8.5 - 083110	8/31/2010	<2.9	U		<2.1	U		<3.9	U		<1.2	U		<2.2	U		<3.8	U	
		VMP-2-8.5-111610	11/16/2010	<7.9	U		<5.8	U		<11	U		<3.3	U		<6.2	U		<10	U	
		VMP-2-8.5-020411	2/4/2011	<2.7	U		<2	U		<3.7	U		<1.1	U		<2.1	U		<3.6	U	
		VMP-2-8.5-041311	4/13/2011	0.12	J	J	0.098	J		<1.1	U		<1.4	U		0.11	J		<1.1	U	
		VMP-2-8.5-080211	8/2/2011	<33	U		<24	U		<45	U		<56	U		<26	U		<44	U	
		VMP-2-8.5-110711	11/7/2011	<0.072	U		<0.052	U		<0.097	U		<0.12	U		<0.056	U		<0.094	U	
		VMP-2-8.5-012612	1/26/2012	<3.2	U		<2.3	U		<4.3	U		<5.3	U		<2.5	U		<4.2	U	
		VMP-2-8.5-012612-DUP	1/26/2012	<3.2	U		<2.3	U		<4.3	U		<5.3	U		<2.5	U		<4.2	U	
		VMP-2-8.5-041612	4/16/2012	<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U	
		VMP-2-8.5-041612-Dup	4/16/2012	<0.0063	U		<0.0046	U		<0.0086	U		<0.011	U		<0.0049	U		0.00093	J	
		VMP-2-8.5-071612	7/16/2012	<0.007	U		<0.0049		U	<0.0095	U		<0.012	U		0.0068			<0.023	U	
		VMP-2-8.5-071612-Dup	7/16/2012	<0.0058	U		<0.0042	J	U	<0.0078	U		<0.0097	U		0.0063			<0.019	U	
		VMP-2-8.5-102312	10/23/2012	<0.0092	U		<0.0067	J	U	<0.012	U		<0.015	U		<0.0071	U		<0.03	U	
		VMP-2-8.5-020513	2/5/2013	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U	
		VMP-2-8.5-050613	5/6/2013	<0.0087	U		<0.0064	J	U	<0.012	U		<0.015	U		<0.0068	U		<0.029	U	
		VMP-2-8.5-050613-Dup	5/6/2013	<0.0085	U		<0.0062	J	U	<0.011	U		<0.014	U		<0.0066	U		<0.028	U	
	22 ft	VMP-2-22	11/3/2009	<1.8	U		<1.3	U		<2.4	U		<0.74	U		<1.4	U		<2.3	U	
		VMP - 2 - 22 - 083110	8/31/2010	<4.4	U		<3.2	U		<6	U		<1.9	U		<3.4	U		<5.8	U	
		VMP-2-22-111610	11/16/2010	<8.3	U		<6.1	U		<11	U		<3.5	U		<6.4	U		<11	U	
		VMP-2-22-020411	2/4/2011	<3.7	U		<2.7	U		<5.1	U		<1.6	U		<2.9	U		<4.9	U	
		VMP-2-22-041311	4/13/2011	<11	U		0.89	J		<15	U		<18	U		<8.5	U		<14	U	
		VMP-2-22-080211	8/2/2011	<44	U		<32	U		<60	U		<74	U		<34	U		<58	U	
		VMP-2-22-110711	11/7/2011	<2.4	U		<1.7	U		<3.2	U		<3.9	U		<1.8	U		<3.1	U	
		VMP-2-22-012612	1/26/2012	<4.9	U		<3.6	U		<6.6	U		<8.2	U		<3.8	U		<6.4	U	
		VMP-2-22-042712	4/27/2012	<0.0051	U		<0.0037	J	U	<0.0068	U		<0.0085	U		0.0065			<0.017	U	
		VMP-2-22-071612	7/16/2012	<0.006	U		<0.0044	J	U	<0.0081	U		<0.01	U		0.006			<0.02	U	
		VMP-2-22-102312	10/23/2012	<0.0092	U		<0.0067	J	U	<0.012	U		<0.015	U		<0.0071	U		<0.03	U	
		VMP-2-22-013113	1/31/2013	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U	
		VMP-2-22-050613	5/6/2013	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	alpha-Chlorotoluene			Cyclobutane, ethyl-			Cyclohexane			Cyclopentane, methyl-			1,2-Dibromoethane			1,2-Dichlorobenzene		
																0.011			290		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-2	38.5 ft	VMP-1-38.5	11/2/2009	<5.8	U					380						<8.6	U		<6.7	U	
		VMP-1-38.5-073112	7/31/2012	<0.0048	U					<0.0032	U					<0.0072	U		<0.0056	U	
		VMP-1-38.5-102612	10/26/2012	<3.4	U					20						<5	U		<3.9	U	
		VMP-1-38.5-012113	1/21/2013	<0.046	U	UJ				0.62		J				<0.068	U	UJ	<0.053	U	UJ
		VMP-1-38.5-012313-R	1/23/2013	<62	U					94			250000 (ppbV)			<91	U		<72	U	
		VMP-1-38.5-050913	5/9/2013	<200	U					270						<290	U		<230	U	
	5 ft	VMP-2-5	11/2/2009	<0.75	U					8						<1.1	U		<0.87	U	
		VMP - 2 - 5 - 083110	8/31/2010	<2.3	U					28						<3.4	U		<2.7	U	
		VMP-2-5-111610	11/16/2010	<3.4	U					<2.3	U					<5.1	U		<4	U	
		VMP-2-5-020411	2/4/2011	<0.89	U					4.9						<1.3	U		<1	U	
		VMP-2-5-041311	4/13/2011	<0.0072	U					0.044						<0.011	U		<0.0084	U	
		VMP-2-5-080211	8/2/2011	<7.5	U					35						<11	U		<8.7	U	
		VMP-2-5-110711	11/7/2011	<0.0044	U					<0.0029	U					<0.0066	U		<0.0051	U	
		VMP-2-5-012512	1/25/2012	<0.5	U					0.27	J					<0.74	U		<0.58	U	
		VMP-2-5-042512	4/25/2012	<0.02	U					0.092						<0.029	U		<0.023	U	
		VMP-2-5-071612	7/16/2012	<0.0048	U					0.0064						<0.0071	U		<0.0056	U	
		VMP-2-5-102412	10/24/2012	<0.0074	U					<0.0049	U					<0.011	U		<0.0086	U	
		VMP-2-5-013113	1/31/2013	<0.0071	U					<0.0048	U					<0.011	U		<0.0083	U	
		VMP-2-5-050613	5/6/2013	<0.0067	J	U				<0.0044	U					<0.0099	J	U	<0.0078	J	U
	8.5 ft	VMP-2-8.5	11/3/2009	<0.26	U					0.24						<0.39	U		<0.31	U	
		VMP-2-8.5-D	11/3/2009	<0.28	U					0.29						<0.41	U		<0.32	U	
		VMP - 2 - 8.5 - 083110	8/31/2010	<2.4	U					57						<3.5	U		<2.8	U	
		VMP-2-8.5-111610	11/16/2010	<6.5	U					<4.3	U					<9.7	U		<7.6	U	
		VMP-2-8.5-020411	2/4/2011	<2.2	U					9.6						<3.3	U		<2.6	U	
		VMP-2-8.5-041311	4/13/2011	<0.68	U					0.14	J					<1	U		<0.79	U	
		VMP-2-8.5-080211	8/2/2011	<27	U					52						<41	U		<32	U	
		VMP-2-8.5-110711	11/7/2011	<0.059	U					<0.039	U					<0.088	U		<0.068	U	
		VMP-2-8.5-012612	1/26/2012	<10	U					4.1						<3.9	U		<3	U	
		VMP-2-8.5-012612-DUP	1/26/2012	<10	U					5.4		J				<3.9	U		<3	U	
		VMP-2-8.5-041612	4/16/2012	<0.0051	U					0.0096						<0.0075	U		<0.0059	U	
		VMP-2-8.5-041612-Dup	4/16/2012	<0.0052	U					0.0094						0.0017	J		<0.006	U	
		VMP-2-8.5-071612	7/16/2012	<0.0058	U					<0.0038	J	U				<0.0086	J	U	<0.0067	J	U
		VMP-2-8.5-071612-Dup	7/16/2012	<0.0048	U					0.0015	J					<0.0071	U		<0.0055	U	
		VMP-2-8.5-102312	10/23/2012	<0.0075	U					0.04						<0.011	U		<0.0087	U	
		VMP-2-8.5-020513	2/5/2013	<0.0077	U					0.0071						<0.011	U		<0.0089	U	
		VMP-2-8.5-050613	5/6/2013	<0.0072	J	U				<0.0048	U					<0.011	J	U	<0.0083	J	U
		VMP-2-8.5-050613-Dup	5/6/2013	<0.007	J	U				0.0017	J					<0.01	J	U	<0.0081	J	U
	22 ft	VMP-2-22	11/3/2009	<1.4	U					11						<2.2	U		<1.7	U	
		VMP - 2 - 22 - 083110	8/31/2010	<3.6	U					81						<5.4	U		<4.2	U	
		VMP-2-22-111610	11/16/2010	<6.8	U					<4.5	U					<10	U		<7.9	U	
		VMP-2-22-020411	2/4/2011	<3.1	U					29						<4.6	U		<3.6	U	
		VMP-2-22-041311	4/13/2011	<9	U					4.2	J					<13	U		<10	U	
		VMP-2-22-080211	8/2/2011	<36	U					57						<54	U		<42	U	
		VMP-2-22-110711	11/7/2011	<1.9	U					1.1	J					<2.9	U		<2.2	U	
		VMP-2-22-012612	1/26/2012	<16	U					6.4		J				<6	U		<4.6	U	
		VMP-2-22-042712	4/27/2012	0.00074	J					0.0033						<0.0062	U		<0.0048	U	
		VMP-2-22-071612	7/16/2012	<0.0049	U					0.0087						<0.0073	U		<0.0057	J	U
		VMP-2-22-102312	10/23/2012	<0.0075	U					0.01						<0.011	U		<0.0087	U	
		VMP-2-22-013113	1/31/2013	<0.007	U					<0.0046	U					<0.01	U		<0.0081	U	
		VMP-2-22-050613	5/6/2013	<0.0072	U					<0.0048	U					<0.011	J	U	<0.0083	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
							1200						690			0.099			240		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-2	38.5 ft	VMP-1-38.5	11/2/2009	<6.7	U		<6.7	U		<5.5	U		<4.5	U		<4.5	U		<4.4	U	
		VMP-1-38.5-073112	7/31/2012	<0.0056	U		<0.0056	U		0.0025	J		<0.0038	U		<0.0038	U		<0.0037	U	
		VMP-1-38.5-102612	10/26/2012	<3.9	U		<3.9	U		<3.2	U		<2.6	U		<2.6	U		<2.6	U	
		VMP-1-38.5-012113	1/21/2013	<0.053	U	UJ	<0.053	U	UJ	<0.044	U	UJ	<0.036	U	UJ	<0.036	U	UJ	<0.035	U	UJ
		VMP-1-38.5-012313-R	1/23/2013	<72	U		<72	U		<59	U		<48	U		<48	U		<47	U	
		VMP-1-38.5-050913	5/9/2013	<230	U		<230	U		<190	U		<150	U		<150	U		<150	U	
	5 ft	VMP-2-5	11/2/2009	<0.87	U		<0.87	U		<0.72	U		<0.59	U		<0.59	U		<0.58	U	
		VMP - 2 - 5 - 083110	8/31/2010	<2.7	U		<2.7	U		<2.2	U		<1.8	U		<1.8	U		<1.8	U	
		VMP-2-5-111610	11/16/2010	<4	U		<4	U		<3.3	U		<2.7	U		<2.7	U		<2.6	U	
		VMP-2-5-020411	2/4/2011	<1	U		<1	U		<0.85	U		<0.7	U		<0.7	U		<0.68	U	
		VMP-2-5-041311	4/13/2011	<0.0084	U		<0.0084	J	U	0.0022	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-2-5-080211	8/2/2011	<8.7	U		<8.7	U		<7.1	U		<5.8	U		<5.8	U		<5.7	U	
		VMP-2-5-110711	11/7/2011	<0.0051	U		<0.0051	U		0.0031	J		<0.0035	U		<0.0035	U		<0.0034	U	
		VMP-2-5-012512	1/25/2012	<0.58	U		<0.58	U		<0.48	U		<0.39	U		<0.39	U		<0.38	U	
		VMP-2-5-042512	4/25/2012	<0.023	U		<0.023	U		0.003	J		<0.015	U		<0.015	U		<0.015	U	
		VMP-2-5-071612	7/16/2012	<0.0056	U		<0.0056	J	U	0.0023	J		<0.0038	U		<0.0038	U		<0.0037	U	
		VMP-2-5-102412	10/24/2012	<0.0086	U		<0.0086	U		0.0028	J		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-2-5-013113	1/31/2013	<0.0083	U		<0.0083	U		0.0021	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-2-5-050613	5/6/2013	<0.0078	J	U	<0.0078	J	U	0.0022	J		<0.0052	U		<0.0052	U		<0.0051	U	
	8.5 ft	VMP-2-8.5	11/3/2009	<0.31	U		<0.31	U		<0.25	U		<0.21	U		<0.21	U		<0.2	U	
		VMP-2-8.5-D	11/3/2009	<0.32	U		<0.32	U		<0.27	U		<0.22	U		<0.22	U		<0.21	U	
		VMP - 2 - 8.5 - 083110	8/31/2010	<2.8	U		<2.8	U		<2.3	U		<1.9	U		<1.9	U		<1.8	U	
		VMP-2-8.5-111610	11/16/2010	<7.6	U		<7.6	U		<6.2	U		<5.1	U		<5.1	U		<5	U	
		VMP-2-8.5-020411	2/4/2011	<2.6	U		<2.6	U		<2.1	U		<1.7	U		<1.7	U		<1.7	U	
		VMP-2-8.5-041311	4/13/2011	<0.79	U		<0.79	U		<0.65	U		<0.53	U		0.1	J		0.076	J	
		VMP-2-8.5-080211	8/2/2011	<32	U		<32	U		<26	U		<21	U		<21	U		<21	U	
		VMP-2-8.5-110711	11/7/2011	<0.068	U		<0.068	U		<0.056	U		<0.046	U		<0.046	U		<0.045	U	
		VMP-2-8.5-012612	1/26/2012	<3	U		<3	U		<2.5	U		<2	U		<2	U		<2	U	
		VMP-2-8.5-012612-DUP	1/26/2012	<3	U		<3	U		<2.5	U		<2	U		<2	U		<2	U	
		VMP-2-8.5-041612	4/16/2012	<0.0059	U		<0.0059	J	U	0.0029	J		<0.004	U		0.0013	J		<0.0039	U	
		VMP-2-8.5-041612-Dup	4/16/2012	<0.006	U		<0.006	J	U	0.003	J		<0.0041	U		0.0011	J		<0.004	U	
		VMP-2-8.5-071612	7/16/2012	<0.0067	J	U	<0.0067	J	U	0.0029	J		<0.0045	U		0.0006	J		<0.0044	U	
		VMP-2-8.5-071612-Dup	7/16/2012	<0.0055	U		<0.0055	J	U	0.0032	J		<0.0037	U		<0.0037	U		<0.0036	U	
		VMP-2-8.5-102312	10/23/2012	<0.0087	U		<0.0087	U		0.0025	J		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-2-8.5-020513	2/5/2013	<0.0089	U		<0.0089	U		0.0023	J		<0.006	U		<0.006	U		<0.0059	U	
		VMP-2-8.5-050613	5/6/2013	<0.0083	J	U	<0.0083	J	U	0.0028	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-2-8.5-050613-Dup	5/6/2013	<0.0081	J	U	<0.0081	J	U	0.0028	J		<0.0054	U		<0.0054	U		<0.0053	U	
	22 ft	VMP-2-22	11/3/2009	<1.7	U		<1.7	U		<1.4	U		<1.1	U		<1.1	U		<1.1	U	
		VMP - 2 - 22 - 083110	8/31/2010	<4.2	U		<4.2	U		<3.5	U		<2.8	U		<2.8	U		<2.8	U	
		VMP-2-22-111610	11/16/2010	<7.9	U		<7.9	U		<6.5	U		<5.3	U		<5.3	U		<5.2	U	
		VMP-2-22-020411	2/4/2011	<3.6	U		<3.6	U		<2.9	U		<2.4	U		<2.4	U		<2.4	U	
		VMP-2-22-041311	4/13/2011	<10	U		<10	U		<8.6	U		<7.1	U		<7.1	U		<6.9	U	
		VMP-2-22-080211	8/2/2011	<42	U		<42	U		<35	U		<28	U		<28	U		<28	U	
		VMP-2-22-110711	11/7/2011	<2.2	U		<2.2	U		<1.8	U	UJ	<1.5	U		0.42	J		<1.5	U	
		VMP-2-22-012612	1/26/2012	<4.6	U		<4.6	U		<3.8	U		<3.1	U		<3.1	U		<3.1	U	
		VMP-2-22-042712	4/27/2012	<0.0048	U		<0.0048	J	U	0.0026	J		<0.0032	U		<0.0032	U		<0.0032	U	
		VMP-2-22-071612	7/16/2012	<0.0057	J	U	<0.0057	J	U	0.0029	J		<0.0038	U		<0.0038	U		<0.0038	U	
		VMP-2-22-102312	10/23/2012	<0.0087	U		<0.0087	U		0.0028	J		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-2-22-013113	1/31/2013	<0.0081	U		<0.0081	U		0.0025	J		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-2-22-050613	5/6/2013	<0.0083	J	U	<0.0083	J	U	0.0028	J		<0.0056	U		<0.0056	U		<0.0055	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene		
				1100000			85			5.6			0.062			0.9			0.9		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-2	38.5 ft	VMP-1-38.5	11/2/2009	<4.4	U		<4.4	U		<3.9	U		<5.2	U		<5.1	U		<5.1	U	
		VMP-1-38.5-073112	7/31/2012	<0.0037	U		<0.0037	U		<0.032	J	U	<0.0043	U		<0.0042	U		<0.0042	U	
		VMP-1-38.5-102612	10/26/2012	<2.6	U		<2.6	U		0.22	J		<3	U		<3	U		<3	U	
		VMP-1-38.5-012113	1/21/2013	<0.035	U	UJ	<0.035	U	UJ	<0.3	U	UJ	<0.041	U	UJ	<0.04	U	UJ	<0.04	U	UJ
		VMP-1-38.5-012313-R	1/23/2013	<47	U		<47	U		<41	U		<55	U		<54	U		<54	U	
		VMP-1-38.5-050913	5/9/2013	<150	U		<150	U		<1300	U		<180	U		<170	U		<170	U	
	5 ft	VMP-2-5	11/2/2009	<0.58	U		<0.58	U		<0.5	U		<0.67	U		<0.66	U		<0.66	U	
		VMP - 2 - 5 - 083110	8/31/2010	<1.8	U		<1.8	U		<1.6	U		<2.1	U		<2	U		<2	U	
		VMP-2-5-111610	11/16/2010	<2.6	U		<2.6	U		<2.3	U		<3	U		<3	U		<3	U	
		VMP-2-5-020411	2/4/2011	<0.68	U		<0.68	U		<0.6	U		<0.8	U		<0.78	U		<0.78	U	
		VMP-2-5-041311	4/13/2011	<0.0055	U		<0.0055	U		0.00083	J		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-2-5-080211	8/2/2011	<5.7	U		<5.7	U		<5	U		<6.7	U		<6.6	U		<6.6	U	
		VMP-2-5-110711	11/7/2011	<0.0034	U		<0.0034	U		0.0012	J		0.0005	J		<0.0039	U		<0.0039	U	
		VMP-2-5-012512	1/25/2012	<0.38	U		<0.38	U		1			<0.45	U		<0.44	U		<0.44	U	
		VMP-2-5-042512	4/25/2012	<0.015	U		<0.015	U		<0.13	U		<0.018	U		<0.017	U		<0.017	U	
		VMP-2-5-071612	7/16/2012	<0.0037	U		<0.0037	U		0.0022	J		<0.0043	U		<0.0042	U		<0.0042	U	
		VMP-2-5-102412	10/24/2012	<0.0057	U		<0.0057	U		<0.05	J	U	<0.0066	U		<0.0065	U		<0.0065	U	
		VMP-2-5-013113	1/31/2013	<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-2-5-050613	5/6/2013	<0.0051	U		<0.0051	J	U	<0.045	J	U	<0.006	U		<0.0058	J	U	<0.0058	J	U
	8.5 ft	VMP-2-8.5	11/3/2009	<0.2	U		<0.2	U		<0.18	U	UJ	<0.24	U		<0.23	U		<0.23	U	
		VMP-2-8.5-D	11/3/2009	<0.21	U		<0.21	U		<0.19	U	UJ	<0.25	U		<0.24	U		<0.24	U	
		VMP - 2 - 8.5 - 083110	8/31/2010	<1.8	U		<1.8	U		<1.6	U		<2.1	U		<2.1	U		<2.1	U	
		VMP-2-8.5-111610	11/16/2010	<5	U		<5	U		<4.4	U		<5.8	U		<5.7	U		<5.7	U	
		VMP-2-8.5-020411	2/4/2011	<1.7	U		<1.7	U		<1.5	U		<2	U		<2	U		<2	U	
		VMP-2-8.5-041311	4/13/2011	<0.52	U		<0.52	U		<0.46	U		<0.61	U		<0.6	U		<0.6	U	
		VMP-2-8.5-080211	8/2/2011	<21	U		<21	U		<18	U		<24	U		<24	U		<24	U	
		VMP-2-8.5-110711	11/7/2011	<0.045	U		<0.045	U		<0.04	U		<0.053	U		<0.052	U		<0.052	U	
		VMP-2-8.5-012612	1/26/2012	<2	U		<2	U		<1.8	U		<2.3	U		<2.3	U		<2.3	U	
		VMP-2-8.5-012612-DUP	1/26/2012	<2	U		<2	U		<1.8	U		<2.3	U		<2.3	U		<2.3	U	
		VMP-2-8.5-041612	4/16/2012	<0.0039	U		<0.0039	U		<0.034	J	U	<0.0045	U		<0.0044	U		<0.0044	U	
		VMP-2-8.5-041612-Dup	4/16/2012	<0.004	U		<0.004	U		<0.035	J	U	<0.0046	U		<0.0046	U		0.0013	J	
		VMP-2-8.5-071612	7/16/2012	<0.0044	U		<0.0044	J	U	<0.039	J	U	<0.0052	U		<0.0051	J	U	0.002	J	
		VMP-2-8.5-071612-Dup	7/16/2012	<0.0036	U		<0.0036	U		0.0022	J		<0.0042	U		<0.0042	U		<0.0042	U	
		VMP-2-8.5-102312	10/23/2012	<0.0058	U		<0.0058	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-2-8.5-020513	2/5/2013	<0.0059	U		<0.0059	U		<0.051	J	U	<0.0068	U		<0.0067	U		<0.0067	U	
		VMP-2-8.5-050613	5/6/2013	<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	J	U
		VMP-2-8.5-050613-Dup	5/6/2013	<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	J	U
	22 ft	VMP-2-22	11/3/2009	<1.1	U		<1.1	U		<0.97	U		<1.3	U		<1.3	U		<1.3	U	
		VMP - 2 - 22 - 083110	8/31/2010	<2.8	U		<2.8	U		<2.4	U		<3.2	U		<3.2	U		<3.2	U	
		VMP-2-22-111610	11/16/2010	<5.2	U		<5.2	U		<4.6	U		<6.1	U		<6	U		<6	U	
		VMP-2-22-020411	2/4/2011	<2.4	U		<2.4	U		<2.1	U		<2.7	U		<2.7	U		<2.7	U	
		VMP-2-22-041311	4/13/2011	<6.9	U		<6.9	U		<6.1	U		<8.1	U		<7.9	U		<7.9	U	
		VMP-2-22-080211	8/2/2011	<28	U		<28	U		<24	U		<32	U		<32	U		<32	U	
		VMP-2-22-110711	11/7/2011	<1.5	U		<1.5	U		<1.3	U		<1.7	U		<1.7	U		<1.7	U	
		VMP-2-22-012612	1/26/2012	<3.1	U		<3.1	U		<2.7	U		<3.6	U		<3.5	U		<3.5	U	
		VMP-2-22-042712	4/27/2012	<0.0032	U		<0.0032	U		<0.028	J	U	<0.0037	U		<0.0036	U		<0.0036	U	
		VMP-2-22-071612	7/16/2012	<0.0038	U		<0.0038	U		0.0026	J		<0.0044	U		<0.0043	U		<0.0043	J	U
		VMP-2-22-102312	10/23/2012	<0.0058	U		<0.0058	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-2-22-013113	1/31/2013	<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U	
		VMP-2-22-050613	5/6/2013	<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	J	U

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 113		
				0.22						1400											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-2	38.5 ft	VMP-1-38.5	11/2/2009	<16	U		<8.4	U		<4.9	U		<5.5	U		<8.6	U		<8.6	U	
		VMP-1-38.5-073112	7/31/2012	<0.013	U		0.053			0.0018	J		0.00085	J		<0.0072	U		<0.0072	U	
		VMP-1-38.5-102612	10/26/2012	<9.4	U		<4.9	U		<2.8	U		<3.2	U		<5	U		<5	U	
		VMP-1-38.5-012113	1/21/2013	<0.13	U	UJ	<0.066	U	UJ	<0.038	U	UJ	<0.043	U	UJ	<0.067	U	UJ	<0.067	U	UJ
		VMP-1-38.5-012313-R	1/23/2013	<170	U		<90	U		<52	U		<58	U		<91	U		<91	U	
		VMP-1-38.5-050913	5/9/2013	<550	U		<290	U		<160	U		<190	U		<290	U		<290	U	
	5 ft	VMP-2-5	11/2/2009	<2.1	U		<1.1	U		<0.63	U		<0.72	U		<1.1	U		<1.1	U	
		VMP - 2 - 5 - 083110	8/31/2010	<6.5	U		<3.4	U		<1.9	U		<2.2	U		<3.4	U		<3.4	U	
		VMP-2-5-111610	11/16/2010	<9.5	U		<5	U		<2.9	U		<3.2	U		<5	U		<5	U	
		VMP-2-5-020411	2/4/2011	<2.5	U		<1.3	U		<0.75	U		<0.85	U		<1.3	U		<1.3	U	
		VMP-2-5-041311	4/13/2011	<0.02	U		0.0071	J		0.0096			0.0011	J		<0.011	U		<0.011	U	
		VMP-2-5-080211	8/2/2011	<21	U		<11	U		<6.3	U		<7.1	U		<11	U		<11	U	
		VMP-2-5-110711	11/7/2011	<0.012	U		0.036			0.00091	J		0.0012	J		<0.0066	U		<0.0066	U	
		VMP-2-5-012512	1/25/2012	<1.4	U		0.93			0.058	J		<0.48	U		<0.74	U		<0.74	U	
		VMP-2-5-042512	4/25/2012	<0.055	U		0.1			0.0056	J		<0.019	U		<0.029	U		<0.029	U	
		VMP-2-5-071612	7/16/2012	0.016			0.14			0.008			0.0052			<0.0071	U		<0.0071	U	
		VMP-2-5-102412	10/24/2012	<0.021	U		0.073			0.0017	J		<0.007	U		<0.011	U		<0.011	U	
		VMP-2-5-013113	1/31/2013	<0.02	U		0.004	J		<0.006	U		<0.0068	J	U	<0.01	U		<0.01	U	
		VMP-2-5-050613	5/6/2013	<0.018	U		<0.0097	J	U	<0.0056	U		0.0043	J		<0.0099	U		<0.0099	U	
	8.5 ft	VMP-2-8.5	11/3/2009	<0.74	U		<0.38	U		<0.22	U		<0.25	U		<0.39	U		<0.39	U	
		VMP-2-8.5-D	11/3/2009	<0.78	U		<0.41	U		<0.23	U		<0.26	U		<0.41	U		<0.41	U	
		VMP - 2 - 8.5 - 083110	8/31/2010	<6.6	U		<3.5	U		<2	U		<2.3	U		<3.5	U		<3.5	U	
		VMP-2-8.5-111610	11/16/2010	<18	U		<9.5	U		<5.5	U		<6.2	U		<9.6	U		<9.6	U	
		VMP-2-8.5-020411	2/4/2011	<6.2	U		<3.2	U		<1.9	U		<2.1	U		<3.3	U		<3.3	U	
		VMP-2-8.5-041311	4/13/2011	<1.9	U		<0.99	U		<0.57	U		<0.65	U		<1	U		<1	U	
		VMP-2-8.5-080211	8/2/2011	<76	U		<40	U		<23	U		<26	U		<41	U		<41	U	
		VMP-2-8.5-110711	11/7/2011	<0.16	U		0.035	J		<0.049	U		<0.056	U		<0.087	U		<0.087	U	
		VMP-2-8.5-012612	1/26/2012	<7.3	U		<3.8	U		<2.2	U		<2.5	U		<3.9	U		<3.9	U	
		VMP-2-8.5-012612-DUP	1/26/2012	<7.3	U		<3.8	U		<2.2	U		<2.5	U		<3.9	U		<3.9	U	
		VMP-2-8.5-041612	4/16/2012	<0.014	U		0.012		J	0.0043			0.0014	J		<0.0075	U		<0.0075	U	
		VMP-2-8.5-041612-Dup	4/16/2012	<0.014	U		0.0094		J	0.0047			0.0011	J		<0.0077	U		<0.0077	U	
		VMP-2-8.5-071612	7/16/2012	<0.016	U		0.12			0.0067			0.0049	J		<0.0086	U		<0.0086	U	
		VMP-2-8.5-071612-Dup	7/16/2012	<0.013	U		0.1			0.0084			0.0092			<0.007	U		<0.007	U	
		VMP-2-8.5-102312	10/23/2012	<0.021	U		0.011			0.0056	J		0.0059	J		<0.011	U		<0.011	U	
		VMP-2-8.5-020513	2/5/2013	<0.021	U		0.0026	J		0.0025	J		<0.0073	U		<0.011	U		<0.011	U	
		VMP-2-8.5-050613	5/6/2013	<0.02	U		<0.01	U		0.003	J		<0.0068	J	U	<0.011	U		<0.011	U	
		VMP-2-8.5-050613-Dup	5/6/2013	<0.019	U		<0.01	U		0.0023	J		<0.0066	U		<0.01	U		<0.01	U	
	22 ft	VMP-2-22	11/3/2009	<4	U		<2.1	U		<1.2	U		<1.4	U		<2.1	U		<2.1	U	
		VMP - 2 - 22 - 083110	8/31/2010	<10	U		<5.3	U		<3.1	U		<3.5	U		<5.4	U		<5.4	U	
		VMP-2-22-111610	11/16/2010	<19	U		<9.9	U		<5.7	U		<6.5	U		<10	U		<10	U	
		VMP-2-22-020411	2/4/2011	<8.6	U		<4.5	U		<2.6	U		<2.9	U		<4.6	U		<4.6	U	
		VMP-2-22-041311	4/13/2011	<25	U		<13	U		<7.6	U		<8.6	U		<13	U		<13	U	
		VMP-2-22-080211	8/2/2011	<100	U		<53	U		<31	U		<35	U		<54	U		<54	U	
		VMP-2-22-110711	11/7/2011	<5.4	U		0.68	J		<1.6	U		<1.8	U		<2.9	U		<2.9	U	
		VMP-2-22-012612	1/26/2012	<11	U		<5.8	U		<3.4	U		<3.8	U		<5.9	U		<5.9	U	
		VMP-2-22-042712	4/27/2012	<0.012	U		0.017			0.002	J		0.0012	J		<0.0062	U		<0.0062	U	
		VMP-2-22-071612	7/16/2012	<0.014	U		0.28			0.01			0.0077			<0.0073	U		<0.0073	U	
		VMP-2-22-102312	10/23/2012	<0.021	U		0.012			<0.0063	U		<0.0072	U		<0.011	U		<0.011	U	
		VMP-2-22-013113	1/31/2013	<0.019	U		0.0042	J		<0.0058	U		<0.0066	J	U	<0.01	U		<0.01	U	
		VMP-2-22-050613	5/6/2013	<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.011	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Freon 114			Heptadecane			Heptane			Hexachlorobutadiene			Hexane			Hexane, 2,2,4-trimethyl-		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-2	38.5 ft	VMP-1-38.5	11/2/2009	<7.8	U					130			<48	U		1000					
		VMP-1-38.5-073112	7/31/2012	<0.0065	U					0.0024	J		<0.04	U		<0.0033	U				
		VMP-1-38.5-102612	10/26/2012	<4.5	U					18			<28	U		98					
		VMP-1-38.5-012113	1/21/2013	<0.062	U	UJ				0.17		J	<0.38	U	UJ	0.94		J			
		VMP-1-38.5-012313-R	1/23/2013	<83	U					69			<510	U		390					
		VMP-1-38.5-050913	5/9/2013	<270	U					210			<1600	U		1200					
	5 ft	VMP-2-5	11/2/2009	<1	U					1.3			<6.2	U		13					
		VMP - 2 - 5 - 083110	8/31/2010	<3.1	U					<1.8	U		<19	U		<1.6	U				
		VMP-2-5-111610	11/16/2010	<4.6	U					<2.7	U		<28	U		42					
		VMP-2-5-020411	2/4/2011	<1.2	U					<0.71	U		<7.4	U		2.7					
		VMP-2-5-041311	4/13/2011	<0.0097	U					0.13			<0.059	U		0.087					
		VMP-2-5-080211	8/2/2011	<10	U					<5.9	U		<62	U		32					
		VMP-2-5-110711	11/7/2011	<0.006	U					0.0019	J		<0.036	U		<0.003	J	U			
		VMP-2-5-012512	1/25/2012	<0.68	U					<0.4	U		<4.1	U		0.57					
		VMP-2-5-042512	4/25/2012	<0.027	U					0.15			<0.16	U		0.32					
		VMP-2-5-071612	7/16/2012	<0.0065	U					0.02			<0.04	U		0.024					
		VMP-2-5-102412	10/24/2012	<0.01	U					0.0024	J		<0.061	U		0.003	J				
		VMP-2-5-013113	1/31/2013	<0.0096	U					<0.0056	U		<0.059	U		0.00093	J				
		VMP-2-5-050613	5/6/2013	<0.009	U					<0.0053	U		<0.055	U		0.0011	J				
	8.5 ft	VMP-2-8.5	11/3/2009	<0.36	U					<0.21	U		<2.2	U		<0.18	U				
		VMP-2-8.5-D	11/3/2009	<0.38	U					<0.22	U		<2.3	U		<0.19	U				
		VMP - 2 - 8.5 - 083110	8/31/2010	<3.2	U					<1.9	U		<20	U		38					
		VMP-2-8.5-111610	11/16/2010	<8.8	U					<5.2	U		<54	U		54					
		VMP-2-8.5-020411	2/4/2011	<3	U					<1.8	U		<18	U		6.1					
		VMP-2-8.5-041311	4/13/2011	<0.92	U					0.38	J		<5.6	U		0.16	J				
		VMP-2-8.5-080211	8/2/2011	<37	U					<22	U		<230	U		56					
		VMP-2-8.5-110711	11/7/2011	<0.08	U					<0.047	U		<0.49	U		<0.04	U				
		VMP-2-8.5-012612	1/26/2012	<3.5	U					<2.1	U		<22	U		1.7	J				
		VMP-2-8.5-012612-DUP	1/26/2012	<3.5	U					<2.1	U		<22	U		2.3		J			
		VMP-2-8.5-041612	4/16/2012	<0.0068	U					0.006			<0.042	U		0.0037					
		VMP-2-8.5-041612-Dup	4/16/2012	<0.007	U					0.0053			<0.043	U		0.0037					
		VMP-2-8.5-071612	7/16/2012	<0.0078	U					0.0048			<0.048	U		0.0083					
		VMP-2-8.5-071612-Dup	7/16/2012	<0.0064	U					0.0059			<0.039	U		0.0085					
		VMP-2-8.5-102312	10/23/2012	<0.01	U					0.075			<0.062	U		0.18					
		VMP-2-8.5-020513	2/5/2013	<0.01	U					0.009			<0.063	U		0.015					
		VMP-2-8.5-050613	5/6/2013	<0.0097	U					0.0027	J		<0.059	U		0.0036	J				
		VMP-2-8.5-050613-Dup	5/6/2013	<0.0094	U					0.0039	J		<0.057	U		0.0032	J				
	22 ft	VMP-2-22	11/3/2009	<2	U					1.6			<12	U		13					
		VMP - 2 - 22 - 083110	8/31/2010	<4.9	U					<2.9	U		<30	U		63					
		VMP-2-22-111610	11/16/2010	<9.2	U					<5.4	U		<56	U		78					
		VMP-2-22-020411	2/4/2011	<4.2	U					<2.4	U		<25	U		35					
		VMP-2-22-041311	4/13/2011	<12	U					<7.2	U		<74	U		1.7	J				
		VMP-2-22-080211	8/2/2011	<49	U					<29	U		<300	U		59					
		VMP-2-22-110711	11/7/2011	<2.6	U					<1.5	U		<16	U		0.47	J				
		VMP-2-22-012612	1/26/2012	<5.4	U					<3.2	U		<33	U		3.6		J			
		VMP-2-22-042712	4/27/2012	<0.0056	U					0.0032	J		<0.034	U		0.0051					
		VMP-2-22-071612	7/16/2012	<0.0066	U					0.028			<0.04	U		0.034					
		VMP-2-22-102312	10/23/2012	<0.01	U					0.014			<0.062	U		0.037					
		VMP-2-22-013113	1/31/2013	<0.0094	U					<0.0055	U		<0.057	U		0.00088	J				
		VMP-2-22-050613	5/6/2013	<0.0097	U					<0.0057	U		<0.059	U		0.0016	J				

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Hexane, 3,4-dimethyl-			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
													600						3400		
				Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-2	38.5 ft	VMP-1-38.5	11/2/2009				<18	U					<5.5	U		<4.6	U		<4	U	
		VMP-1-38.5-073112	7/31/2012				0.0024	J		0.0088	J		0.032			0.069			0.0004	J	
		VMP-1-38.5-102612	10/26/2012				<11	U		1700			<3.2	U		<2.7	U		<2.3	U	
		VMP-1-38.5-012113	1/21/2013				<0.14	U	UJ	7.4		J	<0.043	U	UJ	<0.036	U	UJ	<0.032	U	UJ
		VMP-1-38.5-012313-R	1/23/2013				<190	U		8200			<58	U		<49	U		<43	U	
		VMP-1-38.5-050913	5/9/2013				<620	U		38000			<190	U		<160	U		<140	UJ	UJ
	5 ft	VMP-2-5	11/2/2009				<2.4	U					<0.72	U		<0.6	U		<0.52	U	
		VMP - 2 - 5 - 083110	8/31/2010				<7.3	U					<2.2	U		<1.8	U		<1.6	U	
		VMP-2-5-111610	11/16/2010				<11	U					<3.2	U		<2.7	U		<2.4	U	
		VMP-2-5-020411	2/4/2011				<2.8	U					<0.85	U		<0.71	U		<0.62	U	
		VMP-2-5-041311	4/13/2011				<0.023	U		0.1			0.0013	J		<0.0057	U		0.00046	J	
		VMP-2-5-080211	8/2/2011				<24	U		6800			<7.1	U		<5.9	U		<5.2	U	
		VMP-2-5-110711	11/7/2011				0.00074	J		<0.01	U		0.0044			0.033			<0.0031	U	
		VMP-2-5-012512	1/25/2012				<1.6	U		2.3			<0.48	U		<0.4	U		<0.35	U	
		VMP-2-5-042512	4/25/2012				<0.062	U		0.31			0.033			0.27			<0.014	U	
		VMP-2-5-071612	7/16/2012				0.0046	J		0.22			0.079			0.31			<0.0034	U	
		VMP-2-5-102412	10/24/2012				<0.023	U		0.019			0.052			0.11			<0.0052	U	
		VMP-2-5-013113	1/31/2013				<0.023	U		0.0044	J		<0.0068	U		0.002	J		<0.005	U	
		VMP-2-5-050613	5/6/2013				0.0097	J		0.014	J		0.019			0.0031	J		<0.0046	U	
	8.5 ft	VMP-2-8.5	11/3/2009				<0.84	U					<0.25	U		<0.21	U		<0.18	U	
		VMP-2-8.5-D	11/3/2009				<0.88	U					<0.26	U		<0.22	U		<0.19	U	
		VMP - 2 - 8.5 - 083110	8/31/2010				<7.5	U					<2.3	U		<1.9	U		<1.6	U	
		VMP-2-8.5-111610	11/16/2010				<21	U					<6.2	U		<5.2	U		<4.5	U	
		VMP-2-8.5-020411	2/4/2011				<7	U					<2.1	U		<1.8	U		<1.6	U	
		VMP-2-8.5-041311	4/13/2011				<2.2	U		3.5			0.18	J		0.18	J		<0.47	U	
		VMP-2-8.5-080211	8/2/2011				<87	U		8300			<26	U		<22	U		<19	U	
		VMP-2-8.5-110711	11/7/2011				<0.19	U		<0.13	U		<0.056	U		0.017	J		<0.041	U	
		VMP-2-8.5-012612	1/26/2012				<8.3	U		860			<2.5	U		<2.1	U		<1.8	U	
		VMP-2-8.5-012612-DUP	1/26/2012				<8.3	U		1000		J	<2.5	U		<2.1	U		<1.8	U	
		VMP-2-8.5-041612	4/16/2012				<0.016	U		0.032			0.0084			0.028			<0.0035	U	
		VMP-2-8.5-041612-Dup	4/16/2012				<0.016	U		0.012			0.0088			0.028			<0.0036	U	
		VMP-2-8.5-071612	7/16/2012				0.0038	J		0.056		J	0.032			0.13			<0.004	U	
		VMP-2-8.5-071612-Dup	7/16/2012				0.0052	J		0.02		J	0.035			0.13			<0.0033	U	
		VMP-2-8.5-102312	10/23/2012				<0.024	U		0.75			0.0015	J		0.0077			<0.0052	U	
		VMP-2-8.5-020513	2/5/2013				<0.024	U		0.059			<0.0073	U		0.0015	J		<0.0053	U	
		VMP-2-8.5-050613	5/6/2013				<0.023	U		0.0033	J		<0.0068	U		<0.0057	U		<0.005	U	
		VMP-2-8.5-050613-Dup	5/6/2013				<0.022	U		0.0053	J		<0.0066	U		<0.0055	U		<0.0048	U	
	22 ft	VMP-2-22	11/3/2009				<4.6	U					<1.4	U		<1.1	U		<1	U	
		VMP - 2 - 22 - 083110	8/31/2010				<12	U					<3.5	U		<2.9	U		<2.5	U	
		VMP-2-22-111610	11/16/2010				<22	U					<6.5	U		<5.4	U		<4.8	U	
		VMP-2-22-020411	2/4/2011				<9.7	U					<2.9	U		<2.4	U		<2.1	U	
		VMP-2-22-041311	4/13/2011				<28	U		1400			<8.6	U		1.6	J		<6.3	U	
		VMP-2-22-080211	8/2/2011				<120	U		8600			<35	U		<29	U		<25	U	
		VMP-2-22-110711	11/7/2011				<6.1	U		560			<1.8	U		<1.5	U		<1.3	U	
		VMP-2-22-012612	1/26/2012				<13	U		1200		J	<3.8	U		<3.2	U		<2.8	U	
		VMP-2-22-042712	4/27/2012				<0.013	U		0.031			0.0088			0.077			<0.0029	U	
		VMP-2-22-071612	7/16/2012				0.0058	J		0.04			0.065			0.29			<0.0034	U	
		VMP-2-22-102312	10/23/2012				<0.024	U		0.13			<0.0072	U		0.003	J		<0.0052	U	
		VMP-2-22-013113	1/31/2013				<0.022	U		0.0044	J		<0.0066	U		<0.0055	U		<0.0048	U	
		VMP-2-22-050613	5/6/2013				<0.023	U		0.0027	J		<0.0068	U		<0.0057	U		<0.005	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Pentane, 2,2,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,4-dimethyl-			Pentane, 2-methyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-2	38.5 ft	VMP-1-38.5	11/2/2009																		
		VMP-1-38.5-073112	7/31/2012																		
		VMP-1-38.5-102612	10/26/2012																		
		VMP-1-38.5-012113	1/21/2013							1000 (ppbV)		J	420 (ppbV)		J	1200 (ppbV)		J	600 (ppbV)		J
		VMP-1-38.5-012313-R	1/23/2013													970000 (ppbV)					
		VMP-1-38.5-050913	5/9/2013																		
	5 ft	VMP-2-5	11/2/2009																		
		VMP - 2 - 5 - 083110	8/31/2010																		
		VMP-2-5-111610	11/16/2010																		
		VMP-2-5-020411	2/4/2011																		
		VMP-2-5-041311	4/13/2011																		
		VMP-2-5-080211	8/2/2011																		
		VMP-2-5-110711	11/7/2011																		
		VMP-2-5-012512	1/25/2012																		
		VMP-2-5-042512	4/25/2012																		
		VMP-2-5-071612	7/16/2012																		
		VMP-2-5-102412	10/24/2012																		
		VMP-2-5-013113	1/31/2013																		
		VMP-2-5-050613	5/6/2013																		
	8.5 ft	VMP-2-8.5	11/3/2009																		
		VMP-2-8.5-D	11/3/2009																		
		VMP - 2 - 8.5 - 083110	8/31/2010																		
		VMP-2-8.5-111610	11/16/2010																		
		VMP-2-8.5-020411	2/4/2011																		
		VMP-2-8.5-041311	4/13/2011																		
		VMP-2-8.5-080211	8/2/2011																		
		VMP-2-8.5-110711	11/7/2011																		
		VMP-2-8.5-012612	1/26/2012																		
		VMP-2-8.5-012612-DUP	1/26/2012																		
		VMP-2-8.5-041612	4/16/2012																		
		VMP-2-8.5-041612-Dup	4/16/2012																		
		VMP-2-8.5-071612	7/16/2012																		
		VMP-2-8.5-071612-Dup	7/16/2012																		
		VMP-2-8.5-102312	10/23/2012																		
		VMP-2-8.5-020513	2/5/2013																		
		VMP-2-8.5-050613	5/6/2013																		
		VMP-2-8.5-050613-Dup	5/6/2013																		
	22 ft	VMP-2-22	11/3/2009																		
		VMP - 2 - 22 - 083110	8/31/2010																		
		VMP-2-22-111610	11/16/2010																		
		VMP-2-22-020411	2/4/2011																		
		VMP-2-22-041311	4/13/2011																		
		VMP-2-22-080211	8/2/2011																		
		VMP-2-22-110711	11/7/2011																		
		VMP-2-22-012612	1/26/2012																		
		VMP-2-22-042712	4/27/2012																		
		VMP-2-22-071612	7/16/2012																		
		VMP-2-22-102312	10/23/2012																		
		VMP-2-22-013113	1/31/2013																		
		VMP-2-22-050613	5/6/2013																		

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrachloroethene		
										1400						0.55			0.55		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-2	38.5 ft	VMP-1-38.5	11/2/2009	<11	U		<5.5	U		<4.8	U		<7.7	U		<7.6	U		<7.6	U	
		VMP-1-38.5-073112	7/31/2012	0.013			0.00058	J		0.0021	J		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-1-38.5-102612	10/26/2012	<6.4	U		<3.2	U		<2.8	U		<4.5	U		<4.4	U		<4.4	U	
		VMP-1-38.5-012113	1/21/2013	<0.086	U	UJ	<0.043	U	UJ	<0.037	U	UJ	<0.06	U	UJ	<0.06	U	UJ	<0.06	U	UJ
		VMP-1-38.5-012313-R	1/23/2013	<120	U		<58	U		<51	U		<82	U		<81	U		<81	U	
		VMP-1-38.5-050913	5/9/2013	<380	U		<190	U		<160	U		<260	U		<260	U		<260	U	
	5 ft	VMP-2-5	11/2/2009	<1.4	U		<0.72	U		<0.62	U		<1	U		<0.99	U		<0.99	U	
		VMP - 2 - 5 - 083110	8/31/2010	<4.4	U		<2.2	U		<1.9	U		<3.1	U		<3	U		<3	U	
		VMP-2-5-111610	11/16/2010	<6.5	U		<3.2	U		<2.8	U		<4.5	U		<4.5	U		<4.5	U	
		VMP-2-5-020411	2/4/2011	<1.7	U		<0.85	U		<0.73	U		<1.2	U		<1.2	U		<1.2	U	
		VMP-2-5-041311	4/13/2011	<0.014	U		0.0022	J		<0.0059	U		<0.0095	U		0.0042	J		0.0042	J	
		VMP-2-5-080211	8/2/2011	<14	U		<7.1	U		<6.2	U		<9.9	U		<9.8	U		<9.8	U	
		VMP-2-5-110711	11/7/2011	0.016			0.00028	J		<0.0036	U		<0.0059	U		<0.0058	J	U	<0.0058	J	U
		VMP-2-5-012512	1/25/2012	0.75	J		<0.48	U		<0.41	U		<0.66	U		<0.66	U		<0.66	U	
		VMP-2-5-042512	4/25/2012	0.04			<0.019	U		<0.016	U		<0.026	U		0.0065	J		0.0065	J	
		VMP-2-5-071612	7/16/2012	0.1			<0.0046	J	U	0.0041			<0.0064	U		0.004	J		0.004	J	
		VMP-2-5-102412	10/24/2012	0.044			<0.007	U		<0.0061	U		<0.0098	U		0.0051	J		0.0051	J	
		VMP-2-5-013113	1/31/2013	0.039			<0.0068	J	U	<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0094	J	U
		VMP-2-5-050613	5/6/2013	0.24			0.0022	J		<0.0055	J	U	<0.0088	U		<0.0088	J	U	<0.0088	J	U
	8.5 ft	VMP-2-8.5	11/3/2009	<0.5	U		<0.25	U		<0.22	U		<0.35	U		<0.34	U		<0.34	U	
		VMP-2-8.5-D	11/3/2009	<0.53	U		<0.26	U		<0.23	U		<0.37	U		<0.37	U		<0.37	U	
		VMP - 2 - 8.5 - 083110	8/31/2010	<4.5	U		<2.3	U		<2	U		<3.2	U		<3.1	U		<3.1	U	
		VMP-2-8.5-111610	11/16/2010	<12	U		<6.2	U		<5.4	U		<8.6	U		<8.5	U		<8.5	U	
		VMP-2-8.5-020411	2/4/2011	<4.2	U		<2.1	U		<1.8	U		<3	U		<2.9	U		<2.9	U	
		VMP-2-8.5-041311	4/13/2011	<1.3	U		<0.65	U		<0.56	U		<0.9	U		<0.89	U		<0.89	U	
		VMP-2-8.5-080211	8/2/2011	11	J		<26	U		<22	U		<36	U		<36	U		<36	U	
		VMP-2-8.5-110711	11/7/2011	<0.11	U		<0.056	U		<0.048	U		<0.078	U		<0.077	U		<0.077	U	
		VMP-2-8.5-012612	1/26/2012	<5	U		<2.5	U		<2.2	U		<3.5	U		<3.4	U		<3.4	U	
		VMP-2-8.5-012612-DUP	1/26/2012	<5	U		<2.5	U		<2.2	U		<3.5	U		<3.4	U		<3.4	U	
		VMP-2-8.5-041612	4/16/2012	0.023			0.00091	J		0.00085	J		<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-2-8.5-041612-Dup	4/16/2012	0.024			0.00098	J		0.00089	J		<0.0069	U		<0.0068	U		<0.0068	U	
		VMP-2-8.5-071612	7/16/2012	0.065			<0.0055	J	U	0.0031	J		<0.0077	U		<0.0076	J	U	<0.0076	J	U
		VMP-2-8.5-071612-Dup	7/16/2012	0.062			<0.0045	J	U	0.0028	J		<0.0063	U		0.0043	J		0.0043	J	
		VMP-2-8.5-102312	10/23/2012	0.0032	J		<0.0072	J	U	<0.0062	U		<0.01	U		0.0046	J		0.0046	J	
		VMP-2-8.5-020513	2/5/2013	0.01	J		<0.0073	U		<0.0063	U		<0.01	U		<0.01	J	U	<0.01	J	U
		VMP-2-8.5-050613	5/6/2013	0.0029	J		<0.0068	U		<0.0059	J	U	<0.0095	U		<0.0094	J	U	<0.0094	J	U
		VMP-2-8.5-050613-Dup	5/6/2013	0.0014	J		<0.0066	U		<0.0057	J	U	<0.0092	U		<0.0091	J	U	<0.0091	J	U
	22 ft	VMP-2-22	11/3/2009	<2.8	U		<1.4	U		<1.2	U		<1.9	U		<1.9	U		<1.9	U	
		VMP - 2 - 22 - 083110	8/31/2010	<6.9	U		<3.5	U		<3	U		<4.8	U		<4.8	U		<4.8	U	
		VMP-2-22-111610	11/16/2010	<13	U		<6.5	U		<5.6	U		<9.1	U		<9	U		<9	U	
		VMP-2-22-020411	2/4/2011	<5.8	U		<2.9	U		<2.5	U		<4.1	U		<4	U		<4	U	
		VMP-2-22-041311	4/13/2011	<17	U		<8.6	U		<7.4	U		<12	U		<12	U		<12	U	
		VMP-2-22-080211	8/2/2011	<69	U		<35	U		<30	U		<48	U		<48	U		<48	U	
		VMP-2-22-110711	11/7/2011	<3.7	U		<1.8	U		<1.6	U		<2.6	U		0.81	J		0.81	J	
		VMP-2-22-012612	1/26/2012	<7.6	U		<3.8	U		<3.3	U		<5.3	U		<5.2	U		<5.2	U	
		VMP-2-22-042712	4/27/2012	0.02			<0.004	U		0.00081	J		<0.0055	U		0.0028	J		0.0028	J	
		VMP-2-22-071612	7/16/2012	0.2			<0.0047	J	U	0.0037	J		<0.0065	U		0.0035	J		0.0035	J	
		VMP-2-22-102312	10/23/2012	0.002	J		<0.0072	U		<0.0062	U		<0.01	U		0.0066	J		0.0066	J	
		VMP-2-22-013113	1/31/2013	0.0057	J		<0.0066	U		<0.0057	U		<0.0092	U		<0.0091	J	U	<0.0091	J	U
		VMP-2-22-050613	5/6/2013	0.0029	J		<0.0068	U		<0.0059	U		<0.0095	U		0.0051	J		0.0051	J	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							6200			11			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-2	38.5 ft	VMP-1-38.5	11/2/2009	<3.3	U		<4.2	U		<33	U		<6.1	U		<6.1	U		<6	U	
		VMP-1-38.5-073112	7/31/2012	0.001	J		0.049			<0.028	U		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-1-38.5-102612	10/26/2012	<1.9	U		<2.4	U		<19	U	UJ	<3.5	U		<3.5	U		<3.5	U	
		VMP-1-38.5-012113	1/21/2013	<0.026	U	UJ	<0.033	U	UJ	<0.26	U	UJ	<0.048	U	UJ	<0.048	U	UJ	<0.047	U	UJ
		VMP-1-38.5-012313-R	1/23/2013	<35	U		22	J		<350	U		<65	U		<65	U		<64	U	
		VMP-1-38.5-050913	5/9/2013	<110	U		<140	U		<1100	U		<210	U		<210	U		<200	U	
	5 ft	VMP-2-5	11/2/2009	<0.43	U		<0.55	U		<4.3	U		<0.79	U		<0.79	U		<0.78	U	
		VMP - 2 - 5 - 083110	8/31/2010	<1.3	U		<1.7	U		<13	U		<2.4	U		<2.4	U		<2.4	U	
		VMP-2-5-111610	11/16/2010	<1.9	U		<2.5	U		<20	U		<3.6	U		<3.6	U		<3.5	U	
		VMP-2-5-020411	2/4/2011	<0.51	U		<0.65	U		<5.1	U		<0.94	U		<0.94	U		<0.93	U	
		VMP-2-5-041311	4/13/2011	<0.0041	U		0.0046	J		<0.041	U		<0.0076	U		<0.0076	U		0.0042	J	
		VMP-2-5-080211	8/2/2011	<4.3	U		<5.4	U		<43	U		<7.9	U		<7.9	U		<7.8	U	
		VMP-2-5-110711	11/7/2011	<0.0025	U		0.01			<0.025	U		<0.0047	U		<0.0047	U		<0.0046	J	U
		VMP-2-5-012512	1/25/2012	<0.29	U		1.3			<2.9	U		<0.53	U		<0.53	U		<0.52	U	
		VMP-2-5-042512	4/25/2012	<0.011	U		0.038			<0.11	U		<0.021	U		<0.021	U		<0.02	U	
		VMP-2-5-071612	7/16/2012	0.0048			0.13			<0.028	U		<0.0051	J	U	<0.0051	U		<0.005	U	
		VMP-2-5-102412	10/24/2012	0.0038	J		0.013			<0.042	U		<0.0078	U		<0.0078	U		<0.0077	U	
		VMP-2-5-013113	1/31/2013	<0.0041	U		<0.0052	J	U	<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-2-5-050613	5/6/2013	<0.0038	U		<0.0049	J	U	<0.038	J	U	<0.007	U		<0.007	U		<0.0069	U	
	8.5 ft	VMP-2-8.5	11/3/2009	<0.15	U		<0.19	U		<1.5	U		<0.28	U		<0.28	U		<0.27	U	
		VMP-2-8.5-D	11/3/2009	<0.16	U		<0.2	U		<1.6	U		<0.29	U		<0.29	U		<0.29	U	
		VMP - 2 - 8.5 - 083110	8/31/2010	<1.4	U		<1.7	U		<14	U		<2.5	U		<2.5	U		<2.5	U	
		VMP-2-8.5-111610	11/16/2010	<3.7	U		<4.7	U		<37	U		<6.9	U		<6.9	U		<6.8	U	
		VMP-2-8.5-020411	2/4/2011	<1.3	U		<1.6	U		<13	U		<2.3	U		<2.3	U		<2.3	U	
		VMP-2-8.5-041311	4/13/2011	<0.39	U		0.035	J		<3.9	U		0.078	J		<0.72	U		0.095	J	
		VMP-2-8.5-080211	8/2/2011	<16	U		<20	U		<160	U		<29	U		<29	U		<28	U	
		VMP-2-8.5-110711	11/7/2011	<0.034	U		0.01	J		<0.34	U		<0.062	U		<0.062	U		<0.061	U	
		VMP-2-8.5-012612	1/26/2012	<1.5	U		<1.9	U		<15	U		<2.8	U		<2.8	U		<2.7	U	
		VMP-2-8.5-012612-DUP	1/26/2012	<1.5	U		<1.9	U		<15	U		<2.8	U		<2.8	U		<2.7	U	
		VMP-2-8.5-041612	4/16/2012	<0.0029	U		0.012			<0.029	U		<0.0053	J	U	<0.0053	U		<0.0053	U	
		VMP-2-8.5-041612-Dup	4/16/2012	<0.003	U		0.012			<0.03	U		<0.0055	J	U	<0.0055	U		<0.0054	U	
		VMP-2-8.5-071612	7/16/2012	0.0037			0.057			<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-2-8.5-071612-Dup	7/16/2012	0.0033			0.059			<0.027	U		<0.005	J	U	<0.005	U		<0.0049	J	U
		VMP-2-8.5-102312	10/23/2012	<0.0043	U		0.017			<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U	
		VMP-2-8.5-020513	2/5/2013	<0.0044	U		0.0073			<0.044	U		<0.0081	U		<0.0081	U		<0.008	U	
		VMP-2-8.5-050613	5/6/2013	<0.0041	U		0.0076			<0.041	J	U	<0.0076	U		<0.0076	U		<0.0074	U	
		VMP-2-8.5-050613-Dup	5/6/2013	<0.004	U		0.0024	J		<0.04	J	U	<0.0073	U		<0.0073	U		<0.0072	U	
	22 ft	VMP-2-22	11/3/2009	<0.82	U		<1	U		<8.3	U		<1.5	U		<1.5	U		<1.5	U	
		VMP - 2 - 22 - 083110	8/31/2010	<2.1	U		<2.6	U		<21	U		<3.8	U		<3.8	U		<3.8	U	
		VMP-2-22-111610	11/16/2010	<3.9	U		<5	U		<39	U		<7.2	U		<7.2	U		<7.1	U	
		VMP-2-22-020411	2/4/2011	<1.8	U		<2.2	U		<18	U		<3.2	U		<3.2	U		<3.2	U	
		VMP-2-22-041311	4/13/2011	<5.1	U		<6.6	U		<52	U		<9.5	U		<9.5	U		<9.4	U	
		VMP-2-22-080211	8/2/2011	<21	U		<26	U		<210	U		<38	U		<38	U		<38	U	
		VMP-2-22-110711	11/7/2011	<1.1	U		1.4			<11	U		<2	U		<2	U		<2	U	
		VMP-2-22-012612	1/26/2012	<2.3	U		<2.9	U		<23	U		<4.2	U		<4.2	U		<4.2	U	
		VMP-2-22-042712	4/27/2012	0.0029			0.013			<0.024	U		<0.0044	U		<0.0044	U		<0.0043	U	
		VMP-2-22-071612	7/16/2012	0.0062			0.11			<0.028	U		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-2-22-102312	10/23/2012	<0.0043	U		<0.0055	J	U	<0.043	U		0.00061	J		<0.0079	U		<0.0078	U	
		VMP-2-22-013113	1/31/2013	<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U	
		VMP-2-22-050613	5/6/2013	<0.0041	U		<0.0052	J	U	<0.041	J	U	<0.0076	U		<0.0076	U		<0.0074	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride		
				860			860												0.29		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-2	38.5 ft	VMP-1-38.5	11/2/2009	<6.3	U		<6.3	U		<5.5	U		<5.5	U		2400			<2.9	U	
		VMP-1-38.5-073112	7/31/2012	0.0012	J		0.0012	J		0.0044	J		<0.0046	U		0.0042	J		<0.0024	U	
		VMP-1-38.5-102612	10/26/2012	<3.6	U		<3.6	U		<3.2	U		<3.2	U		58			<1.7	U	
		VMP-1-38.5-012113	1/21/2013	<0.049	U	UJ	<0.049	U	UJ	<0.043	U	UJ	<0.043	U	UJ	1.4		J	<0.022	U	UJ
		VMP-1-38.5-012313-R	1/23/2013	<67	U		<67	U		<58	U		<58	U		390			<30	U	
		VMP-1-38.5-050913	5/9/2013	<210	U		<210	U		<190	U		<190	U		1600			<98	U	
	5 ft	VMP-2-5	11/2/2009	<0.82	U		<0.82	U		<0.72	U		<0.72	U		270			<0.37	U	
		VMP - 2 - 5 - 083110	8/31/2010	<2.5	U		<2.5	U		<2.2	U		<2.2	U		1300			<1.1	U	
		VMP-2-5-111610	11/16/2010	<3.7	U		<3.7	U		<3.2	U		<3.2	U		2000			<1.7	U	
		VMP-2-5-020411	2/4/2011	<0.97	U		<0.97	U		<0.85	U		<0.85	U		570			<0.44	U	
		VMP-2-5-041311	4/13/2011	0.0015	J		0.0015	J		0.0022	J		<0.0068	U		1.1			<0.0036	U	
		VMP-2-5-080211	8/2/2011	<8.1	U		<8.1	U		<7.1	U		<7.1	U		1300			<3.7	U	
		VMP-2-5-110711	11/7/2011	0.0011	J		0.0011	J		<0.0042	U		<0.0042	U		0.053			<0.0022	U	
		VMP-2-5-012512	1/25/2012	<0.54	U		<0.54	U		<0.48	U		<0.48	U		200			<0.25	U	
		VMP-2-5-042512	4/25/2012	<0.021	U		<0.021	U		<0.019	U		<0.019	U		12			<0.0098	U	
		VMP-2-5-071612	7/16/2012	0.0012	J		0.0012	J		0.0049			<0.0046	J	U	0.022			<0.0024	U	
		VMP-2-5-102412	10/24/2012	0.0014	J		0.0014	J		<0.007	J	U	<0.007	U		0.01			<0.0036	U	
		VMP-2-5-013113	1/31/2013	0.0014	J		0.0014	J		<0.0068	J	U	<0.0068	J	U	0.026			<0.0035	U	
		VMP-2-5-050613	5/6/2013	0.0014	J		0.0014	J		0.01			0.0033	J		0.0057	J		<0.0033	U	
	8.5 ft	VMP-2-8.5	11/3/2009	<0.29	U		<0.29	U		<0.25	U		<0.25	U		74			<0.13	U	
		VMP-2-8.5-D	11/3/2009	<0.3	U		<0.3	U		<0.26	U		<0.26	U		82			<0.14	U	
		VMP - 2 - 8.5 - 083110	8/31/2010	<2.6	U		<2.6	U		<2.3	U		<2.3	U		2000			<1.2	U	
		VMP-2-8.5-111610	11/16/2010	<7.1	U		<7.1	U		<6.2	U		<6.2	U		2000			<3.2	U	
		VMP-2-8.5-020411	2/4/2011	<2.4	U		<2.4	U		<2.1	U		<2.1	U		830			<1.1	U	
		VMP-2-8.5-041311	4/13/2011	0.12	J		0.12	J		<0.65	U		<0.65	U		140	B		<0.34	U	
		VMP-2-8.5-080211	8/2/2011	<30	U		<30	U		<26	U		<26	U		1600			<14	U	
		VMP-2-8.5-110711	11/7/2011	<0.064	U	UJ	<0.064	U	UJ	0.01	J		<0.056	U		14			<0.029	U	
		VMP-2-8.5-012612	1/26/2012	<2.8	U		<2.8	U		<9.9	U		<2.5	U		510		J	<1.3	U	
		VMP-2-8.5-012612-DUP	1/26/2012	<2.8	U		<2.8	U		<9.9	U		<2.5	U		770		J	<1.3	U	
		VMP-2-8.5-041612	4/16/2012	<0.0055	U		<0.0055	U		0.0018	J		<0.0048	U		0.19			<0.0025	U	
		VMP-2-8.5-041612-Dup	4/16/2012	0.0017	J		0.0017	J		0.0018	J		<0.0049	U		0.19			<0.0026	U	
		VMP-2-8.5-071612	7/16/2012	0.0024	J		0.0024	J		0.0044	J		<0.0055	J	U	0.0073			<0.0029	U	
		VMP-2-8.5-071612-Dup	7/16/2012	0.0022	J		0.0022	J		0.0088			0.0034	J		0.0046			<0.0024	U	
		VMP-2-8.5-102312	10/23/2012	0.0016	J		0.0016	J		0.0046	J		0.002	J		0.13			<0.0037	U	
		VMP-2-8.5-020513	2/5/2013	<0.0083	J	U	<0.0083	J	U	<0.0073	U		<0.0073	U		0.038			<0.0038	U	
		VMP-2-8.5-050613	5/6/2013	0.0016	J		0.0016	J		<0.0068	U		<0.0068	U		0.004	J		<0.0035	U	
		VMP-2-8.5-050613-Dup	5/6/2013	0.0016	J		0.0016	J		<0.0066	U		<0.0066	U		0.0058	J		<0.0034	U	
	22 ft	VMP-2-22	11/3/2009	<1.6	U		<1.6	U		<1.4	U		<1.4	U		600			<0.72	U	
		VMP - 2 - 22 - 083110	8/31/2010	<4	U		<4	U		<3.5	U		<3.5	U		2300			<1.8	U	
		VMP-2-22-111610	11/16/2010	<7.4	U		<7.4	U		<6.5	U		<6.5	U		2300			<3.4	U	
		VMP-2-22-020411	2/4/2011	<3.3	U		<3.3	U		<2.9	U		<2.9	U		1400			<1.5	U	
		VMP-2-22-041311	4/13/2011	<9.8	U		<9.8	U		<8.6	U		<8.6	U		760	B		<4.5	U	
		VMP-2-22-080211	8/2/2011	<40	U		<40	U		<35	U		<35	U		1500			<18	U	
		VMP-2-22-110711	11/7/2011	<2.1	U	UJ	<2.1	U	UJ	<1.8	U		<1.8	U		120			<0.95	U	
		VMP-2-22-012612	1/26/2012	<4.4	U		<4.4	U		<15	U		<3.8	U		650		J	<2	U	
		VMP-2-22-042712	4/27/2012	0.0011	J		0.0011	J		0.0009	J		<0.004	U		0.077			<0.002	U	
		VMP-2-22-071612	7/16/2012	0.0021	J		0.0021	J		0.0056			<0.0047	J	U	0.023			<0.0024	U	
		VMP-2-22-102312	10/23/2012	0.0015	J		0.0015	J		<0.0072	U		<0.0072	U		0.031			<0.0037	U	
		VMP-2-22-013113	1/31/2013	0.001	J		0.001	J		<0.0066	U		<0.0066	U		0.0026	J		<0.0034	U	
		VMP-2-22-050613	5/6/2013	0.002	J		0.002	J		<0.0068	U		<0.0068	U		0.003	J		<0.0035	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	m,p-Xylenes			o-Xylenes			Isobutane			Isobutane			Pentane		
				130			120											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-2	38.5 ft	VMP-1-38.5	11/2/2009	<4.9	U		<4.9	U										
		VMP-1-38.5-073112	7/31/2012	0.0084			0.0026	J										
		VMP-1-38.5-102612	10/26/2012	<2.8	U		<2.8	U										
		VMP-1-38.5-012113	1/21/2013	<0.038	U	UJ	<0.038	U	UJ							680 (ppbV)		J
		VMP-1-38.5-012313-R	1/23/2013	16	J		7.2	J		760000 (ppbV)			760000 (ppbV)			1000000 (ppbV)		
		VMP-1-38.5-050913	5/9/2013	<160	U		<160	U										
	5 ft	VMP-2-5	11/2/2009	<0.63	U		<0.63	U										
		VMP - 2 - 5 - 083110	8/31/2010	<1.9	U		<1.9	U										
		VMP-2-5-111610	11/16/2010	<2.9	U		<2.9	U										
		VMP-2-5-020411	2/4/2011	<0.75	U		<0.75	U										
		VMP-2-5-041311	4/13/2011	0.0038	J		<0.006	U										
		VMP-2-5-080211	8/2/2011	<6.3	U		<6.3	U										
		VMP-2-5-110711	11/7/2011	0.0022	J		0.00071	J										
		VMP-2-5-012512	1/25/2012	0.14	J		<0.42	U										
		VMP-2-5-042512	4/25/2012	0.0091	J		0.0042	J										
		VMP-2-5-071612	7/16/2012	0.026			0.0071											
		VMP-2-5-102412	10/24/2012	0.0044	J		0.0012	J										
		VMP-2-5-013113	1/31/2013	<0.006	U		<0.006	U										
		VMP-2-5-050613	5/6/2013	0.0031	J		0.0014	J										
	8.5 ft	VMP-2-8.5	11/3/2009	<0.22	U		<0.22	U										
		VMP-2-8.5-D	11/3/2009	<0.23	U		<0.23	U										
		VMP - 2 - 8.5 - 083110	8/31/2010	<2	U		<2	U										
		VMP-2-8.5-111610	11/16/2010	<5.5	U		<5.5	U										
		VMP-2-8.5-020411	2/4/2011	<1.9	U		<1.9	U										
		VMP-2-8.5-041311	4/13/2011	0.048	J		0.074	J										
		VMP-2-8.5-080211	8/2/2011	<23	U		<23	U										
		VMP-2-8.5-110711	11/7/2011	<0.05	U		<0.05	U										
		VMP-2-8.5-012612	1/26/2012	<2.2	U		<2.2	U										
		VMP-2-8.5-012612-DUP	1/26/2012	<2.2	U		<2.2	U										
		VMP-2-8.5-041612	4/16/2012	0.0083			0.0035	J										
		VMP-2-8.5-041612-Dup	4/16/2012	0.0093			0.0037	J										
		VMP-2-8.5-071612	7/16/2012	0.018		J	0.0062											
		VMP-2-8.5-071612-Dup	7/16/2012	0.028		J	0.0099											
		VMP-2-8.5-102312	10/23/2012	0.022			0.0074											
		VMP-2-8.5-020513	2/5/2013	0.0036	J		0.0022	J										
		VMP-2-8.5-050613	5/6/2013	0.0061			0.0032	J										
		VMP-2-8.5-050613-Dup	5/6/2013	0.0041	J		0.0019	J										
	22 ft	VMP-2-22	11/3/2009	<1.2	U		<1.2	U										
		VMP - 2 - 22 - 083110	8/31/2010	<3.1	U		<3.1	U										
		VMP-2-22-111610	11/16/2010	<5.7	U		<5.7	U										
		VMP-2-22-020411	2/4/2011	<2.6	U		<2.6	U										
		VMP-2-22-041311	4/13/2011	<7.6	U		<7.6	U										
		VMP-2-22-080211	8/2/2011	<31	U		<31	U										
		VMP-2-22-110711	11/7/2011	<1.6	U		<1.6	U										
		VMP-2-22-012612	1/26/2012	<3.4	U		<3.4	U										
		VMP-2-22-042712	4/27/2012	0.0048			0.0017	J										
		VMP-2-22-071612	7/16/2012	0.03			0.0094											
		VMP-2-22-102312	10/23/2012	<0.0063	J	U	<0.0063	U										
		VMP-2-22-013113	1/31/2013	<0.0058	U		<0.0058	U										
		VMP-2-22-050613	5/6/2013	<0.006	U		<0.006	U										

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene		
				750000			0.37			450000			11			6.9					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-3	42 ft	VMP-2-42	11/3/2009	<52	U		84			<37	U		<57	U		<21	U		<12	U	
		VMP-2-42-013113	1/31/2013	350			<42	U		<87	U		<130	U		<500	U		<29	U	
		VMP-2-42-050613	5/6/2013	880		J	7.7	J		<37	U		<57	U		<210	U		<12	U	
	5 ft	VMP-3-5	11/3/2009	<0.051	U		<0.017	U		<0.036	U		<0.056	U		<0.021	U		<0.012	U	
		VMP-3-5-090910	9/9/2010	<13	U		7.8			<8.9	U		<14	U		<5.2	U		<2.9	U	
		VMP-3-5-112210	11/22/2010	3.1	J		2.8	J		<9	U		<14	U		<5.2	U		<3	U	
		VMP-3-5-020911	2/9/2011	<5.7	U		<1.9	U		<4	U		<6.2	U		<2.3	U		<1.3	U	
		VMP-3-5-041411	4/14/2011	<62	U		<21	U		<44	U		<67	U		<25	U		<14	U	
		VMP-3-5-080211	8/2/2011	<0.015	U		0.15			<0.01	U		<0.016	U		<0.006	U		<0.0034	U	
		VMP-3-5-110811	11/8/2011	0.025			0.00065	J		<0.0057	U		<0.0088	U		<0.0033	U		<0.0019	U	
		VMP-3-5-110811-DUP	11/8/2011	0.018			0.0006	J		<0.0059	U		<0.009	U		<0.0034	U		<0.0019	U	
		VMP-3-5-012712	1/27/2012	<4.2	U		0.63	J		<2.9	U		<18	U		<1.7	U		<0.97	U	
		VMP-3-5-041912	4/19/2012	0.078			0.086			<0.0064	U		<0.0099	U		<0.037	U		<0.0021	U	
		VMP-3-5-072712	7/27/2012	0.11			0.13			0.00097	J		<0.01	U		<0.039	U		<0.0022	U	
		VMP-3-5-060413	6/4/2013	0.014	J		0.0019	J		0.0072	J		<0.016	U		<0.062	U		0.0018	J	
	10 ft	VMP-3-10	6/21/2010	<14	U		8.6			<10	U		<16	U		<5.9	U		<3.4	U	
		VMP 3-10-091010	9/10/2010	8.9	J		14			<28	U		<44	U		<16	U		<9.4	U	
		VMP-3-10-092010	9/20/2010	<29	U		9	J		<21	U		<32	U		<12	U		<6.8	U	
		VMP-3-10-112210	11/22/2010	<12	U		18			<8.8	U		<14	U		<5.1	U		<2.9	U	
		VMP-3-10-112210-Dup	11/22/2010	<17	U		15			<12	U		<19	U		<7.1	U		<4.1	U	
		VMP-3-10-020811	2/8/2011	6.7	J		13			<13	U		<20	U		<7.5	U		<4.3	U	
		VMP-3-10-041311	4/13/2011	<110	U		<36	U		<75	U		<120	U		<44	U		<25	U	
		VMP-3-10-080311	8/3/2011	<0.13	U		0.068			<0.095	U		<0.15	U		<0.055	U		<0.031	U	
		VMP-3-10-110811	11/8/2011	0.068		J	0.0011	J		<0.0078	U		<0.012	U		0.002	J		<0.0026	U	
		VMP-3-10-012712	1/27/2012	<0.08	J	U	0.091			<0.056	U		<0.35	U		<0.033	U		<0.018	U	
		VMP-3-10-042012	4/20/2012	0.023			0.027			<0.0057	J	U	0.0019	J		<0.033	U		<0.0019	U	
		VMP-3-10-072312	7/23/2012	0.078			0.0049			<0.0067	U		<0.01	U		<0.039	U		<0.0022	U	
		VMP-3-10-101812	10/18/2012	0.029	J		0.066			<0.01	U		<0.016	U		<0.059	U		<0.0034	U	
		VMP-3-10-020613	2/6/2013	0.012	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U	
		VMP-3-10-060413	6/4/2013	0.026	J		0.016			<0.01	U		<0.016	U		<0.058	U		0.0018	J	
	22 ft	VMP-3-22	11/4/2009	<37	U		52			<26	U		<40	U		<15	U		<8.6	U	
		VMP-3-22-092010	9/20/2010	<39	U		34			<27	U		<42	U		<16	U		<9	U	
		VMP-3-22-112210	11/22/2010	<44	U		36			<31	U		<48	U		<18	U		<10	U	
		VMP-3-22-020811	2/8/2011	14	J		26			<15	U		<24	U		<8.9	U		<5.1	U	
		VMP-3-22-041511	4/15/2011	<120	U		26	J		<83	U		<130	U		<48	U		<27	U	
		VMP-3-22-080611	8/6/2011	0.075	J		0.22			<0.13	U		<0.2	U		<0.077	U		<0.044	U	
		VMP-3-22-110811	11/8/2011	0.037		J	0.003			<0.0059	U		<0.009	U		<0.0034	U		<0.0019	U	
		VMP-3-22-013012	1/30/2012	0.033			0.12			<0.023	U		<0.036	U		<0.014	U		<0.0077	U	
		VMP-3-22-042012	4/20/2012	0.025			0.028			<0.0059	U		<0.009	U		<0.034	J	U	<0.0019	U	
		VMP-3-22-072312	7/23/2012	0.051			0.0093			<0.0066	U		<0.01	U		<0.038	U		<0.0022	U	
		VMP-3-22-101812	10/18/2012	0.034	J		0.14			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U	
		VMP-3-22-020613	2/6/2013	0.019	J		0.052			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
		VMP-3-22-060413	6/4/2013	0.074			0.0026	J		<0.0095	U		<0.015	U		<0.055	U		<0.0032	U	
		VMP-3-22-060413-Dup	6/4/2013	0.017	J		0.0021	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Butane			Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			2-Butanone			Carbon disulfide		
																6400			780		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-3	42 ft	VMP-2-42	11/3/2009													<16	U		<17	U	
		VMP-2-42-013113	1/31/2013	20000												<150	U		30	J	
		VMP-2-42-050613	5/6/2013	15000												<65	U		<68	U	
	5 ft	VMP-3-5	11/3/2009													<0.016	U		<0.017	U	
		VMP-3-5-090910	9/9/2010													<3.9	U		<4.1	U	
		VMP-3-5-112210	11/22/2010													<4	U		<4.2	U	
		VMP-3-5-020911	2/9/2011													<1.8	U		<1.9	U	
		VMP-3-5-041411	4/14/2011	9600												<77	U		<20	U	
		VMP-3-5-080211	8/2/2011	0.1												0.018			0.007	J	
		VMP-3-5-110811	11/8/2011	<0.0081	U											0.0046	J		<0.011	U	
		VMP-3-5-110811-DUP	11/8/2011	0.0091												0.0036	J		<0.011	U	
		VMP-3-5-012712	1/27/2012	460												<5.2	U		<1.4	U	
		VMP-3-5-041912	4/19/2012	0.007	J											0.068			<0.012	J	U
		VMP-3-5-072712	7/27/2012	0.0047	J											0.026			0.013		J
		VMP-3-5-060413	6/4/2013	0.034												0.0076	J		0.012	J	
	10 ft	VMP-3-10	6/21/2010													<4.5	U		<4.7	U	
		VMP 3-10-091010	9/10/2010													<12	U		<13	U	
		VMP-3-10-092010	9/20/2010													<9.1	U		<9.6	U	
		VMP-3-10-112210	11/22/2010													<3.9	U		<4.1	U	
		VMP-3-10-112210-Dup	11/22/2010													<5.4	U		<5.7	U	
		VMP-3-10-020811	2/8/2011													<5.7	U		<6	U	
		VMP-3-10-041311	4/13/2011	19000												<130	U		<35	U	
		VMP-3-10-080311	8/3/2011	26	E	J										<0.17	U		0.038	J	
		VMP-3-10-110811	11/8/2011	0.31												0.0056	J		0.013	J	
		VMP-3-10-012712	1/27/2012	6.9												<0.099	U		<0.026	U	
		VMP-3-10-042012	4/20/2012	0.047												0.025			<0.011	J	U
		VMP-3-10-072312	7/23/2012	0.06												0.013			<0.012	U	
		VMP-3-10-101812	10/18/2012	0.0048	J											0.008	J		<0.019	U	
		VMP-3-10-020613	2/6/2013	<0.013	U											<0.017	U		<0.018	J	U
		VMP-3-10-060413	6/4/2013	0.038												0.0095	J		0.033		
	22 ft	VMP-3-22	11/4/2009													<11	U		<12	U	
		VMP-3-22-092010	9/20/2010													<12	U		<13	U	
		VMP-3-22-112210	11/22/2010													<14	U		<14	U	
		VMP-3-22-020811	2/8/2011													<6.8	U		<7.1	U	
		VMP-3-22-041511	4/15/2011	24000												<150	U		<39	U	
		VMP-3-22-080611	8/6/2011	18												<0.23	U		<0.062	U	
		VMP-3-22-110811	11/8/2011	0.13												0.0051	J		<0.011	U	
		VMP-3-22-013012	1/30/2012	1.9												0.018	J		<0.044	J	U
		VMP-3-22-042012	4/20/2012	0.052												0.025			<0.011	J	U
		VMP-3-22-072312	7/23/2012	0.012												0.0079	J		<0.012	U	
		VMP-3-22-101812	10/18/2012	0.018												0.013	J		<0.018	U	
		VMP-3-22-020613	2/6/2013	0.006	J											<0.017	U		<0.018	J	U
		VMP-3-22-060413	6/4/2013	0.0085	J											0.012	J		<0.018	J	U
		VMP-3-22-060413-Dup	6/4/2013	0.008	J											0.0035	J		<0.018	J	U

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane		
				0.21			69			57000						0.11					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	42 ft	VMP-2-42	11/3/2009	<35	U		<25	U		<47	U		<14	U		<27	U		<45	U	
		VMP-2-42-013113	1/31/2013	<82	U		<60	U		<110	U		<140	U		<63	U		<270	U	
		VMP-2-42-050613	5/6/2013	<35	U		<25	U		<47	U		<58	U		<27	U		<110	U	
VMP-3	5 ft	VMP-3-5	11/3/2009	<0.034	U		<0.025	U		<0.046	U		<0.014	U		<0.026	U		<0.045	U	
		VMP-3-5-090910	9/9/2010	<8.4	U		<6.1	U		<11	U		<3.5	U		<6.5	U		<11	U	
		VMP-3-5-112210	11/22/2010	3.7	J		<6.2	U		<11	U		<3.5	U		<6.6	U		<11	U	
		VMP-3-5-020911	2/9/2011	<3.8	U		<2.8	U		<5.2	U		<1.6	U		<3	U		<5	U	
		VMP-3-5-041411	4/14/2011	<41	U		<30	U		<55	U		<69	U		<32	U		<54	U	
		VMP-3-5-080211	8/2/2011	<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.013	U	
		VMP-3-5-110811	11/8/2011	<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		<0.0042	U		<0.0071	U	
		VMP-3-5-110811-DUP	11/8/2011	<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		<0.0072	U	
		VMP-3-5-012712	1/27/2012	<2.8	U		<2	U		<3.7	U		<4.6	U		<2.1	U		<3.6	U	
		VMP-3-5-041912	4/19/2012	<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		<0.0047	U		<0.02	U	
		VMP-3-5-072712	7/27/2012	0.0032	J		<0.0046	J	U	<0.0086	U		<0.011	U		0.0072			<0.021	U	
		VMP-3-5-060413	6/4/2013	<0.01	U		<0.0073	J	U	0.0015	J		<0.017	U		0.077			<0.033	U	
	10 ft	VMP-3-10	6/21/2010	<9.5	U		<7	U		<13	U		<4	U		<7.4	U		<12	U	
		VMP 3-10-091010	9/10/2010	<27	U		<20	U		<36	U		<11	U		<21	U		<35	U	
		VMP-3-10-092010	9/20/2010	<20	U		<14	U		<26	U		<8.2	U		<15	U		<26	U	
		VMP-3-10-112210	11/22/2010	<8.3	U		<6.1	U		<11	U		<3.5	U		<6.4	U		<11	U	
		VMP-3-10-112210-Dup	11/22/2010	<12	U		<8.5	U		<16	U		<4.8	U		<9	U		<15	U	
		VMP-3-10-020811	2/8/2011	<12	U		<8.9	U		<16	U		<5.1	U		<9.5	U		<16	U	
		VMP-3-10-041311	4/13/2011	<71	U		<52	U		<96	U		<120	U		<55	U		<93	U	
		VMP-3-10-080311	8/3/2011	<0.089	U		0.13			<0.12	U		<0.15	U		<0.069	U		<0.12	U	
		VMP-3-10-110811	11/8/2011	<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.018			<0.0096	U	
		VMP-3-10-012712	1/27/2012	<0.053	U		<0.039	U		<0.072	U		<0.089	U		<0.041	U		<0.069	U	
		VMP-3-10-042012	4/20/2012	<0.0054	U		<0.0039	J	U	<0.0073	U		<0.009	U		0.002	J		<0.018	U	
		VMP-3-10-072312	7/23/2012	<0.0063	U		<0.0046	U		<0.0086	U		<0.011	U		0.0056			<0.021	U	
		VMP-3-10-101812	10/18/2012	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U	
		VMP-3-10-020613	2/6/2013	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U	
		VMP-3-10-060413	6/4/2013	<0.0095	U		<0.0069	J	U	<0.013	U		<0.016	U		0.014			<0.031	U	
	22 ft	VMP-3-22	11/4/2009	<24	U		<18	U		<33	U		<10	U		<19	U		<32	U	
		VMP-3-22-092010	9/20/2010	<26	U		<19	U		<35	U		<11	U		<20	U		<34	U	
		VMP-3-22-112210	11/22/2010	<29	U		<21	U		<40	U		<12	U		<23	U		<38	U	
		VMP-3-22-020811	2/8/2011	<14	U		<10	U		<20	U		<6	U		<11	U		<19	U	
		VMP-3-22-041511	4/15/2011	<78	U		<57	U		<100	U		<130	U		<60	U		<100	U	
		VMP-3-22-080611	8/6/2011	<0.12	U		<0.091	U		<0.17	U		<0.21	U		<0.096	U		<0.16	U	
		VMP-3-22-110811	11/8/2011	<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		<0.0072	U	
		VMP-3-22-013012	1/30/2012	<0.022	U		<0.016	J	U	<0.03	U		<0.037	U		<0.017	U		<0.029	U	
		VMP-3-22-042012	4/20/2012	<0.0055	U		<0.004	J	U	<0.0074	U		<0.0092	U		0.00067	J		<0.018	U	
		VMP-3-22-072312	7/23/2012	<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U	
		VMP-3-22-101812	10/18/2012	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.033			<0.03	U	
		VMP-3-22-020613	2/6/2013	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.078			<0.03	U	
		VMP-3-22-060413	6/4/2013	<0.009	U		<0.0066	J	U	<0.012	U		<0.015	U		0.042			0.0076	J	
		VMP-3-22-060413-Dup	6/4/2013	<0.0093	U		<0.0068	J	U	<0.012	U		<0.016	U		0.042			<0.03	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	alpha-Chlorotoluene			Cyclobutane, ethyl-			Cyclohexane			Cyclopentane, methyl-			1,2-Dibromoethane			1,2-Dichlorobenzene		
																0.011			290		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	42 ft	VMP-2-42	11/3/2009	<28	U					920						<42	U		<33	U	
		VMP-2-42-013113	1/31/2013	22	J					150						<100	U		24	J	
		VMP-2-42-050613	5/6/2013	<28	U					82						<42	U		<33	U	
VMP-3	5 ft	VMP-3-5	11/3/2009	<0.028	U					0.23						<0.041	U		<0.032	U	
		VMP-3-5-090910	9/9/2010	<6.9	U					210						<10	U		<8	U	
		VMP-3-5-112210	11/22/2010	<7	U					340						<10	U		<8.1	U	
		VMP-3-5-020911	2/9/2011	<3.1	U					77						<4.6	U		<3.6	U	
		VMP-3-5-041411	4/14/2011	<34	U					210						<50	U		<39	U	
		VMP-3-5-080211	8/2/2011	<0.008	U					0.0084						<0.012	U		<0.0093	U	
		VMP-3-5-110811	11/8/2011	<0.0044	U					<0.0029	U					<0.0066	U		<0.0051	U	
		VMP-3-5-110811-DUP	11/8/2011	<0.0045	U					<0.003	U					<0.0067	U		<0.0053	U	
		VMP-3-5-012712	1/27/2012	<9	U					5.2						<3.4	U		<2.6	U	
		VMP-3-5-041912	4/19/2012	<0.0049	U					0.015						0.002	J		<0.0057	U	
		VMP-3-5-072712	7/27/2012	<0.0052	U					0.00067	J					<0.0077	U		<0.006	J	U
		VMP-3-5-060413	6/4/2013	<0.0082	U					0.0014	J					<0.012	U		<0.0095	J	U
	10 ft	VMP-3-10	6/21/2010	<7.8	U					1000						<12	U		<9.1	U	
		VMP 3-10-091010	9/10/2010	<22	U					970						<33	U		<26	U	
		VMP-3-10-092010	9/20/2010	<16	U					840						<24	U		<19	U	
		VMP-3-10-112210	11/22/2010	<6.8	U					1300						<10	U		<7.9	U	
		VMP-3-10-112210-Dup	11/22/2010	<9.5	U					1100						<14	U		<11	U	
		VMP-3-10-020811	2/8/2011	<10	U					930						<15	U		<12	U	
		VMP-3-10-041311	4/13/2011	<58	U					570						<86	U		<68	U	
		VMP-3-10-080311	8/3/2011	<0.074	U					3.6						<0.11	U		<0.085	U	
		VMP-3-10-110811	11/8/2011	<0.006	U					0.012						<0.009	U		<0.007	U	
		VMP-3-10-012712	1/27/2012	<0.17	U					0.4						<0.064	U		<0.05	U	
		VMP-3-10-042012	4/20/2012	<0.0044	J	U				0.0056						0.0032	J		<0.0051	J	U
		VMP-3-10-072312	7/23/2012	<0.0052	J	U				0.0051						<0.0077	U		<0.006	U	
		VMP-3-10-101812	10/18/2012	<0.0078	U					0.1						<0.012	U		<0.0091	U	
		VMP-3-10-020613	2/6/2013	<0.0073	U					<0.0048	U					<0.011	U		<0.0085	U	
		VMP-3-10-060413	6/4/2013	<0.0078	U					<0.0052	U					<0.012	U		<0.009	U	
	22 ft	VMP-3-22	11/4/2009	<20	U					980						<30	U		<23	U	
		VMP-3-22-092010	9/20/2010	<21	U					1100						<31	U		<24	U	
		VMP-3-22-112210	11/22/2010	<24	U					1300						<36	U		<28	U	
		VMP-3-22-020811	2/8/2011	<12	U					890						<18	U		<14	U	
		VMP-3-22-041511	4/15/2011	<64	U					760						<95	U		<74	U	
		VMP-3-22-080611	8/6/2011	<0.1	U					0.78						<0.15	U		<0.12	U	
		VMP-3-22-110811	11/8/2011	<0.0045	U					0.0038						<0.0067	U		<0.0053	U	
		VMP-3-22-013012	1/30/2012	<0.018	U					0.39						<0.027	U		<0.021	U	
		VMP-3-22-042012	4/20/2012	<0.0045	J	U				0.0072						0.0021	J		<0.0053	J	U
		VMP-3-22-072312	7/23/2012	<0.0051	J	U				<0.0034	U					<0.0075	U		<0.0059	U	
		VMP-3-22-101812	10/18/2012	<0.0077	U					0.0035	J					<0.011	U		<0.0089	U	
		VMP-3-22-020613	2/6/2013	<0.0075	U					<0.005	U					<0.011	U		<0.0087	U	
		VMP-3-22-060413	6/4/2013	<0.0074	U					<0.0049	U					<0.011	U		<0.0086	U	
		VMP-3-22-060413-Dup	6/4/2013	<0.0076	U					<0.0051	U					<0.011	U		<0.0089	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
							1200						690			0.099			240		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-3	42 ft	VMP-2-42	11/3/2009	<33	U		<33	U		<27	U		<22	U		<22	U		<22	U	
		VMP-2-42-013113	1/31/2013	27	J		32	J		<64	U		<53	U		<53	U		<52	U	
		VMP-2-42-050613	5/6/2013	<33	U		<33	U		<27	U		<22	U		<22	U		<22	U	
	5 ft	VMP-3-5	11/3/2009	<0.032	U		<0.032	U		<0.027	U		<0.022	U		<0.022	U		<0.021	U	
		VMP-3-5-090910	9/9/2010	<8	U		<8	U		<6.6	U		<5.4	U		<5.4	U		<5.3	U	
		VMP-3-5-112210	11/22/2010	<8.1	U		<8.1	U		<6.6	U		<5.4	U		<5.4	U		<5.3	U	
		VMP-3-5-020911	2/9/2011	<3.6	U		<3.6	U		<3	U		<2.4	U		<2.4	U		<2.4	U	
		VMP-3-5-041411	4/14/2011	<39	U		<39	U		<32	U		<26	U		<26	U		<26	U	
		VMP-3-5-080211	8/2/2011	<0.0093	U		<0.0093	U		<0.0077	U		<0.0063	U		<0.0063	U		<0.0062	U	
		VMP-3-5-110811	11/8/2011	<0.0051	U		<0.0051	U		0.0019	J		<0.0035	U		<0.0035	U		<0.0034	U	
		VMP-3-5-110811-DUP	11/8/2011	<0.0053	U		<0.0053	U		0.002	J		<0.0035	U		<0.0035	U		<0.0035	U	
		VMP-3-5-012712	1/27/2012	<2.6	U		<2.6	U		<2.2	U		<1.8	U		<1.8	U		<1.7	U	
		VMP-3-5-041912	4/19/2012	<0.0057	U		<0.0057	J	U	0.0031	J		<0.0039	U		<0.0039	J	U	<0.0038	U	
		VMP-3-5-072712	7/27/2012	<0.006	J	U	<0.006	J	U	0.0029	J		<0.0041	U		<0.0041	U		<0.004	U	
		VMP-3-5-060413	6/4/2013	<0.0095	J	U	<0.0095	J	U	0.0026	J		<0.0064	U		<0.0064	U		<0.0063	U	
	10 ft	VMP-3-10	6/21/2010	<9.1	U		<9.1	U		<7.5	U		<6.1	U		<6.1	U		<6	U	
		VMP 3-10-091010	9/10/2010	<26	U		<26	U		<21	U		<17	U		<17	U		<17	U	
		VMP-3-10-092010	9/20/2010	<19	U		<19	U		<15	U		<12	U		<12	U		<12	U	
		VMP-3-10-112210	11/22/2010	<7.9	U		<7.9	U		<6.5	U		<5.3	U		<5.3	U		<5.2	U	
		VMP-3-10-112210-Dup	11/22/2010	<11	U		<11	U		<9.1	U		<7.4	U		<7.4	U		<7.3	U	
		VMP-3-10-020811	2/8/2011	<12	U		<12	U		<9.6	U		<7.8	U		<7.8	U		<7.7	U	
		VMP-3-10-041311	4/13/2011	<68	U		<68	U		<56	U		<46	U		<46	U		<45	U	
		VMP-3-10-080311	8/3/2011	<0.085	U		<0.085	U		<0.07	U		<0.057	U		<0.057	U		<0.056	U	
		VMP-3-10-110811	11/8/2011	<0.007	U		<0.007	U		0.0022	J	J	<0.0047	U		<0.0047	U		<0.0046	U	
		VMP-3-10-012712	1/27/2012	<0.05	U		<0.05	U		<0.042	U		<0.034	U		<0.034	U		<0.033	U	
		VMP-3-10-042012	4/20/2012	<0.0051	J	U	<0.0051	J	U	0.003	J		<0.0035	U		<0.0035	J	U	<0.0034	U	
		VMP-3-10-072312	7/23/2012	<0.006	U		<0.006	U		0.0027	J		<0.0041	U		<0.0041	U		<0.004	U	
		VMP-3-10-101812	10/18/2012	<0.0091	U		<0.0091	U		0.0025	J		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-3-10-020613	2/6/2013	<0.0085	U		<0.0085	U		0.0025	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-3-10-060413	6/4/2013	<0.009	U		<0.009	J	U	0.002	J		<0.0061	U		<0.0061	U		<0.006	U	
	22 ft	VMP-3-22	11/4/2009	<23	U		<23	U		<19	U		<16	U		<16	U		<15	U	
		VMP-3-22-092010	9/20/2010	<24	U		<24	U		<20	U		<16	U		<16	U		<16	U	
		VMP-3-22-112210	11/22/2010	<28	U		<28	U		<23	U		<19	U		<19	U		<18	U	
		VMP-3-22-020811	2/8/2011	<14	U		<14	U		<11	U		<9.3	U		<9.3	U		<9.1	U	
		VMP-3-22-041511	4/15/2011	<74	U		<74	U		<61	U		<50	U		<50	U		<49	U	
		VMP-3-22-080611	8/6/2011	<0.12	U		<0.12	U		<0.098	U		<0.08	U		<0.08	U		<0.078	U	
		VMP-3-22-110811	11/8/2011	<0.0053	U		<0.0053	U		0.0019	J		<0.0035	U		<0.0035	U		<0.0035	U	
		VMP-3-22-013012	1/30/2012	<0.021	U		<0.021	U		<0.017	U		<0.014	U		<0.014	U		<0.014	U	
		VMP-3-22-042012	4/20/2012	<0.0053	J	U	<0.0053	J	U	0.0027	J		<0.0035	U		0.00068	J		<0.0035	U	
		VMP-3-22-072312	7/23/2012	<0.0059	U		<0.0059	U		0.0026	J		<0.004	U		<0.004	U		<0.0039	U	
		VMP-3-22-101812	10/18/2012	<0.0089	U		<0.0089	U		0.0024	J		<0.006	U		<0.006	U		<0.0059	U	
		VMP-3-22-020613	2/6/2013	<0.0087	U		<0.0087	U		0.0026	J		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-3-22-060413	6/4/2013	<0.0086	U		<0.0086	J	U	0.0026	J		<0.0058	U		<0.0058	U		<0.0056	U	
		VMP-3-22-060413-Dup	6/4/2013	<0.0089	U		<0.0089	U		0.0024	J		<0.006	U		<0.006	U		<0.0058	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene		
				1100000			85			5.6			0.062			0.9			0.9		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-3	42 ft	VMP-2-42	11/3/2009	<22	U		<22	U		<19	U		<25	U		<25	U		<25	U	
		VMP-2-42-013113	1/31/2013	<52	U		<52	U		80	J		<60	U		<59	U		<59	U	
		VMP-2-42-050613	5/6/2013	<22	U		<22	U		<190	U		<25	U		<25	U		<25	U	
	5 ft	VMP-3-5	11/3/2009	<0.021	U		<0.021	U		<0.019	U	UJ	<0.025	U		<0.024	U		<0.024	U	
		VMP-3-5-090910	9/9/2010	<5.3	U		<5.3	U		<4.6	U		<6.1	U		<6	U		<6	U	
		VMP-3-5-112210	11/22/2010	<5.3	U		<5.3	U		14			<6.2	U		<6.1	U		<6.1	U	
		VMP-3-5-020911	2/9/2011	<2.4	U		<2.4	U		<2.1	U		<2.8	U		<2.7	U		<2.7	U	
		VMP-3-5-041411	4/14/2011	<26	U		<26	U		<22	U		<30	U		<30	U		<30	U	
		VMP-3-5-080211	8/2/2011	<0.0062	U		<0.0062	U		0.0018	J		<0.0072	U		<0.007	U		<0.007	U	
		VMP-3-5-110811	11/8/2011	<0.0034	U		<0.0034	U		0.003			<0.004	U		<0.0039	U		<0.0039	U	
		VMP-3-5-110811-DUP	11/8/2011	<0.0035	U		<0.0035	U		0.001	J		<0.004	U		<0.004	U		<0.004	U	
		VMP-3-5-012712	1/27/2012	<1.7	U		<1.7	U		0.68	J		<2	U		<2	U		<2	U	
		VMP-3-5-041912	4/19/2012	<0.0038	U		<0.0038	U		<0.033	J	U	<0.0044	U		<0.0043	U		0.0011	J	
		VMP-3-5-072712	7/27/2012	<0.004	U		<0.004	U		0.0024	J		0.00081	J		<0.0046	U		<0.0046	U	
		VMP-3-5-060413	6/4/2013	<0.0063	U		<0.0063	U		0.0021	J		<0.0073	U		0.0017	J		<0.0072	J	U
	10 ft	VMP-3-10	6/21/2010	<6	U		<6	U		<5.3	U		<7	U		<6.9	U		<6.9	U	
		VMP 3-10-091010	9/10/2010	<17	U		<17	U		<15	U		<20	U		<19	U		<19	U	
		VMP-3-10-092010	9/20/2010	<12	U		<12	U		<11	U		<14	U		<14	U		<14	U	
		VMP-3-10-112210	11/22/2010	<5.2	U		<5.2	U		<4.6	U		<6.1	U		<6	U		<6	U	
		VMP-3-10-112210-Dup	11/22/2010	<7.3	U		<7.3	U		<6.4	U		<8.5	U		<8.4	U		<8.4	U	
		VMP-3-10-020811	2/8/2011	<7.7	U		<7.7	U		<6.7	U		<9	U		<8.8	U		<8.8	U	
		VMP-3-10-041311	4/13/2011	<45	U		<45	U		<39	U		<52	U		<51	U		<51	U	
		VMP-3-10-080311	8/3/2011	<0.056	U		<0.056	U		<0.049	U		<0.066	U		<0.064	U		<0.064	U	
		VMP-3-10-110811	11/8/2011	<0.0046	U		<0.0046	U		<0.004	J	U	<0.0054	U		<0.0053	U		<0.0053	U	
		VMP-3-10-012712	1/27/2012	<0.033	U		<0.033	U		<0.029	U		<0.039	U		<0.038	U		<0.038	U	
		VMP-3-10-042012	4/20/2012	<0.0034	J	U	0.0012	J		<0.03	J	U	0.00088	J		<0.0039	J	U	<0.0039	J	U
		VMP-3-10-072312	7/23/2012	<0.004	U		<0.004	U		0.0032	J		<0.0046	U		<0.0046	U		<0.0046	U	
		VMP-3-10-101812	10/18/2012	<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U	
		VMP-3-10-020613	2/6/2013	<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U	
		VMP-3-10-060413	6/4/2013	<0.006	U		<0.006	U		0.0015	J		<0.007	U		<0.0068	U		<0.0068	J	U
	22 ft	VMP-3-22	11/4/2009	<15	U		<15	U		<13	U		<18	U		<18	U		<18	U	
		VMP-3-22-092010	9/20/2010	<16	U		<16	U		<14	U		<19	U		<18	U		<18	U	
		VMP-3-22-112210	11/22/2010	<18	U		<18	U		19			<22	U		<21	U		<21	U	
		VMP-3-22-020811	2/8/2011	<9.1	U		<9.1	U		<8	U		<10	U		<10	U		<10	U	
		VMP-3-22-041511	4/15/2011	<49	U		<49	U		<43	U	UJ	<57	U		<56	U		<56	U	
		VMP-3-22-080611	8/6/2011	<0.078	U		<0.078	U		<0.069	U		<0.091	U		<0.09	U		<0.09	U	
		VMP-3-22-110811	11/8/2011	<0.0035	U		<0.0035	U		0.0021	J		<0.004	U		<0.004	U		<0.004	U	
		VMP-3-22-013012	1/30/2012	<0.014	U		<0.014	U		<0.012	U		<0.016	U		<0.016	U		<0.016	U	
		VMP-3-22-042012	4/20/2012	<0.0035	J	U	<0.0035	U		<0.03	J	U	<0.004	U		<0.004	U		<0.004	J	U
		VMP-3-22-072312	7/23/2012	<0.0039	U		<0.0039	U		0.0015	J		<0.0045	U		<0.0044	U		<0.0044	U	
		VMP-3-22-101812	10/18/2012	<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U	
		VMP-3-22-020613	2/6/2013	<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-3-22-060413	6/4/2013	<0.0056	U		<0.0056	U		0.0017	J		<0.0066	U		<0.0065	U		<0.0065	J	U
		VMP-3-22-060413-Dup	6/4/2013	<0.0058	U		<0.0058	U		0.0016	J		<0.0068	U		<0.0067	U		<0.0067	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 113		
				0.22						1400											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-3	42 ft	VMP-2-42	11/3/2009	<79	U		<41	U	UJ	130			<27	U		<42	U		<42	U	
		VMP-2-42-013113	1/31/2013	<190	U		72	J		<56	U		13	J		<100	U		<100	U	
		VMP-2-42-050613	5/6/2013	<79	U		<41	U		<24	U		<27	U		<42	U		<42	U	
	5 ft	VMP-3-5	11/3/2009	<0.078	U		<0.041	U		0.065			0.035			<0.041	U		<0.041	U	
		VMP-3-5-090910	9/9/2010	<19	U		<10	U		<5.8	U		<6.5	U		<10	U		<10	U	
		VMP-3-5-112210	11/22/2010	<19	U		<10	U		<5.8	U		<6.6	U		<10	U		<10	U	
		VMP-3-5-020911	2/9/2011	<8.7	U		<4.6	U		<2.6	U		<3	U		<4.6	U		<4.6	U	
		VMP-3-5-041411	4/14/2011	<94	U		<49	U		<28	U		<32	U		<50	U		<50	U	
		VMP-3-5-080211	8/2/2011	<0.022	U		0.18			0.0028	J		0.0019	J		<0.012	U		<0.012	U	
		VMP-3-5-110811	11/8/2011	<0.012	U		0.014			<0.0037	U		0.00043	J		<0.0066	U		<0.0066	U	
		VMP-3-5-110811-DUP	11/8/2011	<0.013	U		0.016			<0.0038	U		0.00045	J		<0.0067	U		<0.0067	U	
		VMP-3-5-012712	1/27/2012	<6.3	U		<3.3	U		<1.9	U		<2.2	U		<3.4	U		<3.4	U	
		VMP-3-5-041912	4/19/2012	0.041			0.025		J	0.0074			0.0037	J		<0.0073	U		<0.0073	U	
		VMP-3-5-072712	7/27/2012	<0.014	U		0.072			<0.0044	J	U	0.0028	J		<0.0077	U		<0.0077	U	
		VMP-3-5-060413	6/4/2013	<0.023	U		<0.012	J	U	<0.0069	U		0.0021	J		<0.012	U		<0.012	U	
	10 ft	VMP-3-10	6/21/2010	<22	U		<11	U		<6.6	U		3.1	J		<12	U		<12	U	
		VMP 3-10-091010	9/10/2010	<61	U		<32	U		<18	U		<21	U		<32	U		<32	U	
		VMP-3-10-092010	9/20/2010	<45	U		<23	U		<13	U		<15	U		<24	U		<24	U	
		VMP-3-10-112210	11/22/2010	<19	U		<9.9	U		<5.7	U		<6.5	U		<10	U		<10	U	
		VMP-3-10-112210-Dup	11/22/2010	<26	U		<14	U		<8	U		<9	U		<14	U		<14	U	
		VMP-3-10-020811	2/8/2011	<28	U		<15	U		<8.4	U		<9.5	U		<15	U		<15	U	
		VMP-3-10-041311	4/13/2011	<160	U		<85	U		<49	U		<55	U		<86	U		<86	U	
		VMP-3-10-080311	8/3/2011	<0.2	U		0.1	J		<0.062	U		<0.07	U		<0.11	U		<0.11	U	
		VMP-3-10-110811	11/8/2011	<0.017	U		0.01			<0.005	U		<0.0057	U		<0.0089	U		<0.0089	U	
		VMP-3-10-012712	1/27/2012	<0.12	U		0.018	J		0.023	J		0.041	J		<0.064	U		<0.064	U	
		VMP-3-10-042012	4/20/2012	<0.012	U		0.021			0.002	J		0.0013	J		<0.0066	U		<0.0066	U	
		VMP-3-10-072312	7/23/2012	<0.014	U		0.018			<0.0044	U		0.00078	J		<0.0077	U		<0.0077	U	
		VMP-3-10-101812	10/18/2012	<0.022	U		0.02			0.012			0.011			<0.012	U		<0.012	U	
		VMP-3-10-020613	2/6/2013	<0.02	U		0.0023	J		<0.0061	U		<0.0069	U		<0.011	U		<0.011	U	
		VMP-3-10-060413	6/4/2013	0.0055	J		<0.011	J	U	<0.0065	U		<0.0074	U		<0.012	U		<0.012	U	
	22 ft	VMP-3-22	11/4/2009	<56	U		<29	U	UJ	<17	U		<19	U		<30	U		<30	U	
		VMP-3-22-092010	9/20/2010	<58	U		<31	U		9.4	J		7.7	J		<31	U		<31	U	
		VMP-3-22-112210	11/22/2010	<67	U		<35	U		<20	U		<23	U		<36	U		<36	U	
		VMP-3-22-020811	2/8/2011	<33	U		<17	U		3.6	J		<11	U		<18	U		<18	U	
		VMP-3-22-041511	4/15/2011	<180	U		<93	U		<54	U		<61	U		<95	U		<95	U	
		VMP-3-22-080611	8/6/2011	<0.28	U		0.16			0.025	J		<0.097	U		<0.15	U		<0.15	U	
		VMP-3-22-110811	11/8/2011	<0.013	U		0.12			<0.0038	U		<0.0043	J	U	<0.0067	U		<0.0067	U	
		VMP-3-22-013012	1/30/2012	0.013	J		<0.026	U		0.0087	J		<0.017	U		<0.027	U		<0.027	U	
		VMP-3-22-042012	4/20/2012	<0.013	U		0.022			0.0015	J		0.001	J		<0.0067	U		<0.0067	U	
		VMP-3-22-072312	7/23/2012	<0.014	U		0.013			<0.0042	U		<0.0048	U		<0.0075	U		<0.0075	U	
		VMP-3-22-101812	10/18/2012	<0.021	U		0.0042	J		<0.0064	U		<0.0073	U		<0.011	U		<0.011	U	
		VMP-3-22-020613	2/6/2013	<0.021	U		0.0042	J		<0.0063	U		<0.0071	U		<0.011	U		<0.011	U	
		VMP-3-22-060413	6/4/2013	<0.02	U		0.0082	J		0.0013	J		<0.007	U		<0.011	U		<0.011	U	
		VMP-3-22-060413-Dup	6/4/2013	<0.021	U		<0.011	J	U	<0.0064	U		<0.0072	U		<0.011	U		<0.011	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Freon 114			Heptadecane			Heptane			Hexachlorobutadiene			Hexane			Hexane, 2,2,4-trimethyl-		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
	42 ft	VMP-2-42	11/3/2009	<38	U					1800			<230	U		7000					
		VMP-2-42-013113	1/31/2013	<91	U					100			53	J		620					
		VMP-2-42-050613	5/6/2013	<38	U					27			<230	U		85					
VMP-3	5 ft	VMP-3-5	11/3/2009	<0.038	U					0.16			<0.23	U		0.58					
		VMP-3-5-090910	9/9/2010	<9.3	U					4.8	J		<57	U		110					
		VMP-3-5-112210	11/22/2010	<9.4	U					<5.5	U		<57	U		150					
		VMP-3-5-020911	2/9/2011	<4.2	U					<2.5	U		<26	U		25					
		VMP-3-5-041411	4/14/2011	<45	U					<27	U		<280	U		240					
		VMP-3-5-080211	8/2/2011	<0.011	U					0.0027	J		<0.066	U		0.022					
		VMP-3-5-110811	11/8/2011	<0.006	U					<0.0035	U		<0.036	U		<0.003	U				
		VMP-3-5-110811-DUP	11/8/2011	<0.0061	U					0.0023	J		<0.037	U		0.0025	J				
		VMP-3-5-012712	1/27/2012	<3	U					<1.8	U		<19	U		58					
		VMP-3-5-041912	4/19/2012	<0.0067	U					0.011			<0.041	U		0.009					
		VMP-3-5-072712	7/27/2012	<0.007	U					0.0029	J		<0.043	U		0.022					
		VMP-3-5-060413	6/4/2013	<0.011	U					0.0021	J		<0.068	U		0.0036	J				
	10 ft	VMP-3-10	6/21/2010	<10	U					86			<65	U		1300					
		VMP 3-10-091010	9/10/2010	<30	U					87			<180	U		1100					
		VMP-3-10-092010	9/20/2010	<22	U					48			<130	U		660					
		VMP-3-10-112210	11/22/2010	<9.2	U					86			<56	U		1200					
		VMP-3-10-112210-Dup	11/22/2010	<13	U					82			<78	U		1100					
		VMP-3-10-020811	2/8/2011	<14	U					<8	U		<83	U		690					
		VMP-3-10-041311	4/13/2011	<79	U					<46	U		<480	U		560					
		VMP-3-10-080311	8/3/2011	<0.099	U					<0.058	U		<0.6	U		0.1					
		VMP-3-10-110811	11/8/2011	<0.0081	U					<0.0048	U		<0.05	U		0.0022	J				
		VMP-3-10-012712	1/27/2012	<0.059	U					0.32			<0.36	U		1.7					
		VMP-3-10-042012	4/20/2012	<0.006	U					0.0039			<0.036	U		0.015					
		VMP-3-10-072312	7/23/2012	<0.007	U					<0.0041	U		<0.043	U		0.015					
		VMP-3-10-101812	10/18/2012	<0.01	U					0.2			<0.065	U		0.46					
		VMP-3-10-020613	2/6/2013	<0.0098	U					<0.0058	U		<0.06	U		<0.005	U				
		VMP-3-10-060413	6/4/2013	<0.01	U					<0.0062	U		<0.064	U		0.0044	J				
	22 ft	VMP-3-22	11/4/2009	<27	U					310			<160	U		4900					
		VMP-3-22-092010	9/20/2010	<28	U					130			<170	U		1500					
		VMP-3-22-112210	11/22/2010	<32	U					140			<200	U		2000					
		VMP-3-22-020811	2/8/2011	<16	U					<9.4	U		<98	U		1400					
		VMP-3-22-041511	4/15/2011	<87	U					50			<530	U		850					
		VMP-3-22-080611	8/6/2011	<0.14	U					0.51			<0.84	U		3					
		VMP-3-22-110811	11/8/2011	<0.0061	U					<0.0036	U		<0.037	U		0.0014	J				
		VMP-3-22-013012	1/30/2012	<0.024	U					0.45			<0.15	U		1.2					
		VMP-3-22-042012	4/20/2012	<0.0061	U					0.004			<0.037	U		0.012					
		VMP-3-22-072312	7/23/2012	<0.0068	U					0.0012	J		<0.042	U		0.00096	J				
		VMP-3-22-101812	10/18/2012	<0.01	U					0.0078			<0.063	U		0.0042	J				
		VMP-3-22-020613	2/6/2013	<0.01	U					<0.0059	U		<0.062	U		0.0012	J				
		VMP-3-22-060413	6/4/2013	<0.01	U					0.0016	J		<0.061	U		0.0021	J				
		VMP-3-22-060413-Dup	6/4/2013	<0.01	U					0.002	J		<0.063	U		<0.0052	U				

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Hexane, 3,4-dimethyl-			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
													600						3400		
				Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-3	42 ft	VMP-2-42	11/3/2009				<90	U					<27	U		<22	U		<20	U	
		VMP-2-42-013113	1/31/2013				<210	U		14000			<64	U		35	J		<47	U	
		VMP-2-42-050613	5/6/2013				<90	U		13000			<27	U		<22	U		<20	U	
	5 ft	VMP-3-5	11/3/2009				<0.088	U					<0.026	U		<0.022	U		<0.019	U	
		VMP-3-5-090910	9/9/2010				<22	U					<6.5	U		<5.4	U		<4.8	U	
		VMP-3-5-112210	11/22/2010				<22	U					<6.6	U		<5.5	U		<4.8	U	
		VMP-3-5-020911	2/9/2011				<9.9	U					<3	U		<2.5	U		<2.2	U	
		VMP-3-5-041411	4/14/2011				<110	U		12000			<32	U		<27	U		<23	U	
		VMP-3-5-080211	8/2/2011				0.0035	J		0.3			0.021			0.092			<0.0056	U	
		VMP-3-5-110811	11/8/2011				0.00045	J		0.0033	J		0.0039	J		0.021			<0.0031	U	
		VMP-3-5-110811-DUP	11/8/2011				0.00046	J		0.0044	J		0.0034	J		0.019			<0.0032	U	
		VMP-3-5-012712	1/27/2012				<7.2	U		1100			<2.2	U		<1.8	U		<1.6	U	
		VMP-3-5-041912	4/19/2012				<0.016	U		0.017			0.043			0.48			<0.0034	U	
		VMP-3-5-072712	7/27/2012				0.0036	J		0.009	J		0.015			0.059			<0.0036	U	
		VMP-3-5-060413	6/4/2013				<0.026	U		0.02			<0.0078	U		<0.0065	U		<0.0057	U	
	10 ft	VMP-3-10	6/21/2010				<25	U					2.8	J		<6.2	U		<5.5	U	
		VMP 3-10-091010	9/10/2010				<70	U					5	J		<17	U		<15	U	
		VMP-3-10-092010	9/20/2010				<51	U					<15	U		<13	U		<11	U	
		VMP-3-10-112210	11/22/2010				<22	U					7.8			<5.4	U		<4.8	U	
		VMP-3-10-112210-Dup	11/22/2010				<30	U					5.4	J		<7.5	U		<6.6	U	
		VMP-3-10-020811	2/8/2011				<32	U					<9.5	U		<7.9	U		<7	U	
		VMP-3-10-041311	4/13/2011				<180	U		21000			<55	U		<46	U		<40	U	
		VMP-3-10-080311	8/3/2011				<0.23	U		100	E	J	0.048	J		<0.058	U		<0.051	U	
		VMP-3-10-110811	11/8/2011				<0.019	J	U	0.96			0.0037	J		0.027			<0.0042	U	
		VMP-3-10-012712	1/27/2012				<0.14	U		7.9			0.016	J		0.042			<0.03	U	
		VMP-3-10-042012	4/20/2012				<0.014	U		0.068			0.013			0.12			<0.0031	U	
		VMP-3-10-072312	7/23/2012				0.0053	J		0.15			0.0011	J		0.059			<0.0036	U	
		VMP-3-10-101812	10/18/2012				<0.025	U		0.085			0.0017	J		0.024			<0.0055	U	
		VMP-3-10-020613	2/6/2013				<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U	
		VMP-3-10-060413	6/4/2013				<0.025	U		0.041			<0.0074	U		<0.0062	U		<0.0054	U	
	22 ft	VMP-3-22	11/4/2009				<64	U					<19	U		<16	U		<14	U	
		VMP-3-22-092010	9/20/2010				<67	U					14	J		<17	U		<15	U	
		VMP-3-22-112210	11/22/2010				<76	U					20	J		<19	U		<17	U	
		VMP-3-22-020811	2/8/2011				<38	U					9.9	J		<9.4	U		<8.2	U	
		VMP-3-22-041511	4/15/2011				<200	U		24000			<61	U		<51	U		<45	U	
		VMP-3-22-080611	8/6/2011				<0.32	U		24			0.059	J		0.15			<0.071	U	
		VMP-3-22-110811	11/8/2011				<0.014	U		0.32			0.00078	J		0.0093			<0.0032	U	
		VMP-3-22-013012	1/30/2012				<0.057	U		2.8			0.0065	J		0.046			<0.013	U	
		VMP-3-22-042012	4/20/2012				<0.014	U		0.28			0.013			0.1			<0.0032	U	
		VMP-3-22-072312	7/23/2012				<0.016	U		<0.012	U		0.0014	J		0.013			<0.0035	U	
		VMP-3-22-101812	10/18/2012				<0.024	U		0.028			<0.0073	U		0.043			<0.0053	U	
		VMP-3-22-020613	2/6/2013				<0.024	U		0.0087	J		<0.0071	U		<0.0059	U		<0.0052	U	
		VMP-3-22-060413	6/4/2013				<0.023	U		0.0081	J		<0.007	U		<0.0058	U		<0.0051	U	
		VMP-3-22-060413-Dup	6/4/2013				<0.024	U		0.0078	J		<0.0072	U		<0.006	U		<0.0053	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Pentane, 2,2,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,4-dimethyl-			Pentane, 2-methyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-3	42 ft	VMP-2-42	11/3/2009																	
		VMP-2-42-013113	1/31/2013																	
		VMP-2-42-050613	5/6/2013																	
	5 ft	VMP-3-5	11/3/2009																	
		VMP-3-5-090910	9/9/2010																	
		VMP-3-5-112210	11/22/2010																	
		VMP-3-5-020911	2/9/2011																	
		VMP-3-5-041411	4/14/2011																	
		VMP-3-5-080211	8/2/2011																	
		VMP-3-5-110811	11/8/2011																	
		VMP-3-5-110811-DUP	11/8/2011																	
		VMP-3-5-012712	1/27/2012																	
		VMP-3-5-041912	4/19/2012																	
		VMP-3-5-072712	7/27/2012																	
		VMP-3-5-060413	6/4/2013																	
	10 ft	VMP-3-10	6/21/2010																	
		VMP 3-10-091010	9/10/2010																	
		VMP-3-10-092010	9/20/2010																	
		VMP-3-10-112210	11/22/2010																	
		VMP-3-10-112210-Dup	11/22/2010																	
		VMP-3-10-020811	2/8/2011																	
		VMP-3-10-041311	4/13/2011																	
		VMP-3-10-080311	8/3/2011																	
		VMP-3-10-110811	11/8/2011																	
		VMP-3-10-012712	1/27/2012																	
		VMP-3-10-042012	4/20/2012																	
		VMP-3-10-072312	7/23/2012																	
		VMP-3-10-101812	10/18/2012																	
		VMP-3-10-020613	2/6/2013																	
		VMP-3-10-060413	6/4/2013																	
	22 ft	VMP-3-22	11/4/2009																	
		VMP-3-22-092010	9/20/2010																	
		VMP-3-22-112210	11/22/2010																	
		VMP-3-22-020811	2/8/2011																	
		VMP-3-22-041511	4/15/2011																	
		VMP-3-22-080611	8/6/2011																	
		VMP-3-22-110811	11/8/2011																	
		VMP-3-22-013012	1/30/2012																	
		VMP-3-22-042012	4/20/2012																	
		VMP-3-22-072312	7/23/2012																	
		VMP-3-22-101812	10/18/2012																	
		VMP-3-22-020613	2/6/2013																	
		VMP-3-22-060413	6/4/2013																	
		VMP-3-22-060413-Dup	6/4/2013																	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrachloroethene		
										1400						0.55			0.55		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-3	42 ft	VMP-2-42	11/3/2009	<54	U		<27	U		<23	U		<38	U		<37	U		<37	U	
		VMP-2-42-013113	1/31/2013	90	J		9.5	J		22	J		16	J		<88	U		<88	U	
		VMP-2-42-050613	5/6/2013	<54	U		<27	U		<23	U		<38	U		<37	U		<37	U	
	5 ft	VMP-3-5	11/3/2009	<0.053	U		<0.026	U		<0.023	U		<0.037	U		<0.037	U		<0.037	U	
		VMP-3-5-090910	9/9/2010	<13	U		<6.5	U		<5.7	U		<9.1	U		<9	U		<9	U	
		VMP-3-5-112210	11/22/2010	2.1	J		<6.6	U		<5.7	U		<9.2	U		4.5	J		4.5	J	
		VMP-3-5-020911	2/9/2011	<5.9	U		<3	U		<2.6	U		<4.2	U		<4.1	U		<4.1	U	
		VMP-3-5-041411	4/14/2011	<64	UJ	UJ	<32	U		<28	U		<45	U		<44	U		<44	U	
		VMP-3-5-080211	8/2/2011	0.019			<0.0076	U		0.0021	J		<0.011	U		<0.01	U		<0.01	U	
		VMP-3-5-110811	11/8/2011	0.0094			<0.0042	U		<0.0036	U		<0.0059	U		<0.0058	U		<0.0058	U	
		VMP-3-5-110811-DUP	11/8/2011	0.0093			<0.0043	U		<0.0037	U		<0.006	U		<0.0059	U		<0.0059	U	
		VMP-3-5-012712	1/27/2012	<4.3	U		<2.2	U		<1.9	U		<3	U		<3	U		<3	U	
		VMP-3-5-041912	4/19/2012	0.1			0.0013	J		0.0018	J		<0.0066	U		<0.0065	U		<0.0065	U	
		VMP-3-5-072712	7/27/2012	0.055			0.0011	J		0.0029	J		<0.0069	U		<0.0068	U		<0.0068	U	
		VMP-3-5-060413	6/4/2013	0.0041	J		<0.0078	U		<0.0068	U		<0.011	J	U	0.0092	J		0.0092	J	
	10 ft	VMP-3-10	6/21/2010	3.8	J		5.6	J		<6.4	U		<10	U		<10	U		<10	U	
		VMP 3-10-091010	9/10/2010	<42	U		7.2	J		<18	U		<29	U		<29	U		<29	U	
		VMP-3-10-092010	9/20/2010	<30	U		4.4	J		<13	U		<21	U		<21	U		<21	U	
		VMP-3-10-112210	11/22/2010	<13	U		11			<5.6	U		<9.1	U		<9	U		<9	U	
		VMP-3-10-112210-Dup	11/22/2010	<18	U		7.9	J		<7.8	U		<13	U		<12	U		<12	U	
		VMP-3-10-020811	2/8/2011	<19	U		<9.5	U		<8.3	U		<13	U		<13	U		<13	U	
		VMP-3-10-041311	4/13/2011	<110	UJ	UJ	<55	U		<48	U		<77	U		<76	U		<76	U	
		VMP-3-10-080311	8/3/2011	0.044	J		0.022	J		<0.06	U		<0.097	U		<0.096	U		<0.096	U	
		VMP-3-10-110811	11/8/2011	0.015			<0.0057	U		<0.005	U		<0.008	U		<0.0079	U		<0.0079	U	
		VMP-3-10-012712	1/27/2012	0.017	J		0.015	J		<0.036	U		<0.058	U		<0.057	U		<0.057	U	
		VMP-3-10-042012	4/20/2012	0.018			<0.0042	J	U	0.0011	J		<0.0059	U		<0.0058	J	U	<0.0058	J	U
		VMP-3-10-072312	7/23/2012	0.014			<0.0049	U		0.00037	J		<0.0069	U		<0.0068	U		<0.0068	U	
		VMP-3-10-101812	10/18/2012	0.012	J		0.0011	J		<0.0064	U		<0.01	U		<0.01	U		<0.01	U	
		VMP-3-10-020613	2/6/2013	0.0035	J		<0.0069	U		<0.006	U		<0.0097	U		0.0088	J		0.0088	J	
		VMP-3-10-060413	6/4/2013	0.0051	J		<0.0074	U		<0.0064	U		<0.01	J	U	0.0034	J		0.0034	J	
	22 ft	VMP-3-22	11/4/2009	<38	U		24			<16	U		<27	U		<26	U		<26	U	
		VMP-3-22-092010	9/20/2010	<40	U		29			<17	U		<28	U		<28	U		<28	U	
		VMP-3-22-112210	11/22/2010	<46	U		40			<20	U		<32	U		<32	U		<32	U	
		VMP-3-22-020811	2/8/2011	<22	U		20			<9.8	U		<16	U		<16	U		<16	U	
		VMP-3-22-041511	4/15/2011	<120	UJ	UJ	<61	U		<53	U		<85	U		<84	U		<84	U	
		VMP-3-22-080611	8/6/2011	0.11	J		<0.097	U		<0.084	U		<0.14	U		<0.13	U		<0.13	U	
		VMP-3-22-110811	11/8/2011	0.032			<0.0043	U		<0.0037	U		<0.006	U		<0.0059	U		<0.0059	U	
		VMP-3-22-013012	1/30/2012	0.054			0.0015	J		<0.015	U		<0.024	U		<0.024	U		<0.024	U	
		VMP-3-22-042012	4/20/2012	0.017			<0.0043	J	U	<0.0037	U		<0.006	U		<0.0059	J	U	<0.0059	J	U
		VMP-3-22-072312	7/23/2012	0.0087	J		<0.0048	U		<0.0042	U		<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-3-22-101812	10/18/2012	0.0032	J		<0.0073	U		<0.0063	U		<0.01	U		<0.01	U		<0.01	U	
		VMP-3-22-020613	2/6/2013	0.0022	J		<0.0071	U		<0.0062	U		<0.0099	U		<0.0098	J	U	<0.0098	J	U
		VMP-3-22-060413	6/4/2013	0.0026	J		<0.007	U		<0.0061	U		<0.0098	J	U	0.0085	J		0.0085	J	
		VMP-3-22-060413-Dup	6/4/2013	<0.014	U		<0.0072	U		<0.0063	U		<0.01	U		<0.01	U		<0.01	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							6200			11			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-3	42 ft	VMP-2-42	11/3/2009	<16	U		59			<160	U		<30	U		<30	U		<30	U	
		VMP-2-42-013113	1/31/2013	<38	U		19	J		92	J		<71	U		<71	U		<70	U	
		VMP-2-42-050613	5/6/2013	<16	U		<21	U		<160	U		<30	U		<30	U		<30	U	
	5 ft	VMP-3-5	11/3/2009	<0.016	U		<0.02	U		<0.16	U		<0.029	U		<0.029	U		<0.029	U	
		VMP-3-5-090910	9/9/2010	<3.9	U		<5	U		<39	U		<7.2	U		<7.2	U		<7.1	U	
		VMP-3-5-112210	11/22/2010	<4	U		3.2	J		<40	U		<7.3	U		<7.3	U		8.9		
		VMP-3-5-020911	2/9/2011	<1.8	U		<2.3	U		<18	U		<3.3	U		<3.3	U		<3.2	U	
		VMP-3-5-041411	4/14/2011	<19	U		<24	U		<190	U		<35	U		<35	U		<35	U	
		VMP-3-5-080211	8/2/2011	0.0015	J		0.02			<0.046	U		<0.0085	U		<0.0085	U		<0.0084	U	
		VMP-3-5-110811	11/8/2011	<0.0025	U		0.0094			<0.025	U		<0.0047	U		<0.0047	U		<0.0046	U	
		VMP-3-5-110811-DUP	11/8/2011	<0.0026	U		0.0085			<0.026	U		<0.0048	U		<0.0048	U		<0.0047	U	
		VMP-3-5-012712	1/27/2012	<1.3	U		<1.6	U		<13	U		<2.4	U		<2.4	U		<2.4	U	
		VMP-3-5-041912	4/19/2012	0.012			0.033			<0.028	U		<0.0052	J	U	<0.0052	U		<0.0051	U	
		VMP-3-5-072712	7/27/2012	0.005			0.024			<0.03	U		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-3-5-060413	6/4/2013	<0.0047	U		0.0031	J		<0.047	U		<0.0086	U		<0.0086	U		<0.0085	U	
	10 ft	VMP-3-10	6/21/2010	<4.5	U		<5.7	U		<45	U		<8.3	U		<8.3	U		<8.1	U	
		VMP 3-10-091010	9/10/2010	<12	U		<16	U		<130	U		<23	U		<23	U		<23	U	
		VMP-3-10-092010	9/20/2010	<9.1	U		9.9	J		<92	U		<17	U		<17	U		<17	U	
		VMP-3-10-112210	11/22/2010	<3.9	U		2.1	J		<39	U		<7.2	U		<7.2	U		<7.1	U	
		VMP-3-10-112210-Dup	11/22/2010	<5.4	U		2	J		<55	U		<10	U		<10	U		<9.9	U	
		VMP-3-10-020811	2/8/2011	<5.7	U		<7.3	U		<58	U		<10	U		<10	U		<10	U	
		VMP-3-10-041311	4/13/2011	<33	U		<42	U		<330	U		<61	U		<61	U		<60	U	
		VMP-3-10-080311	8/3/2011	<0.042	U		0.028	J		<0.42	U		<0.077	U		<0.077	U		<0.076	U	
		VMP-3-10-110811	11/8/2011	<0.0034	U		0.013			<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-3-10-012712	1/27/2012	<0.025	U		0.026	J		<0.25	U		<0.046	U		<0.046	U		<0.045	U	
		VMP-3-10-042012	4/20/2012	0.0044			0.015			<0.025	U		0.00048	J		<0.0047	U		<0.0046	J	U
		VMP-3-10-072312	7/23/2012	<0.003	U		0.008			<0.03	U		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-3-10-101812	10/18/2012	<0.0045	U		0.022			<0.11	U	UJ	<0.0083	U		<0.0083	U		<0.0081	U	
		VMP-3-10-020613	2/6/2013	<0.0042	U		<0.0053	J	U	<0.042	U		<0.0077	U		<0.0077	U		<0.0076	U	
		VMP-3-10-060413	6/4/2013	0.0037	J		0.0029	J		<0.045	U		<0.0082	U		<0.0082	U		<0.0081	U	
	22 ft	VMP-3-22	11/4/2009	<11	U		<15	U		<120	U		<21	U		<21	U		<21	U	
		VMP-3-22-092010	9/20/2010	<12	U		37			<120	U		<22	U		<22	U		<22	U	
		VMP-3-22-112210	11/22/2010	<14	U		<18	U		<140	U		<25	U		<25	U		<25	U	
		VMP-3-22-020811	2/8/2011	<6.8	U		4.3	J		<68	U		<12	U		<12	U		<12	U	
		VMP-3-22-041511	4/15/2011	<36	U	UJ	<47	U		<370	U		<68	U		<68	U		<67	U	
		VMP-3-22-080611	8/6/2011	<0.058	U		0.087			<0.59	U		<0.11	U		<0.11	U		<0.11	U	
		VMP-3-22-110811	11/8/2011	0.0024	J		0.016			<0.026	U		<0.0048	U		<0.0048	U		<0.0047	U	
		VMP-3-22-013012	1/30/2012	<0.01	U		0.03			<0.1	U		<0.019	U		<0.019	U		<0.019	U	
		VMP-3-22-042012	4/20/2012	0.0044			0.014			<0.026	U		<0.0048	U		<0.0048	U		0.002	J	
		VMP-3-22-072312	7/23/2012	<0.0029	U		0.0057			<0.029	U		<0.0053	U		<0.0053	U		<0.0053	U	
		VMP-3-22-101812	10/18/2012	<0.0044	U		0.084			<0.11	U	UJ	<0.0081	U		<0.0081	U		<0.008	U	
		VMP-3-22-020613	2/6/2013	<0.0043	J	U	0.00056	J		<0.043	J	U	<0.0079	U		<0.0079	U		<0.0078	U	
		VMP-3-22-060413	6/4/2013	<0.0042	U		0.002	J		<0.042	U		<0.0078	U		<0.0078	U		<0.0076	U	
		VMP-3-22-060413-Dup	6/4/2013	<0.0043	U		<0.0056	J	U	<0.044	U		<0.008	U		<0.008	U		<0.0079	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride		
				860			860												0.29		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-3	42 ft	VMP-2-42	11/3/2009	<31	U		<31	U		<27	U		<27	U		1700			<14	U	
		VMP-2-42-013113	1/31/2013	<73	U		<73	U		15	J		<64	U		420			<33	U	
		VMP-2-42-050613	5/6/2013	<31	U		<31	U		<27	U		<27	U		1100			<14	U	
	5 ft	VMP-3-5	11/3/2009	<0.03	U		<0.03	U		<0.026	U		<0.026	U		6.4			<0.014	U	
		VMP-3-5-090910	9/9/2010	<7.5	U		<7.5	U		<6.5	U		<6.5	U		1200			<3.4	U	
		VMP-3-5-112210	11/22/2010	<7.6	U		<7.6	U		<6.6	U		<6.6	U		1100			<3.4	U	
		VMP-3-5-020911	2/9/2011	<3.4	U		<3.4	U		<3	U		<3	U		460			<1.5	U	
		VMP-3-5-041411	4/14/2011	<36	U		<36	U		<32	U		<32	U		1100			<17	U	
		VMP-3-5-080211	8/2/2011	<0.0087	U		<0.0087	U		0.0069	J		0.0018	J		0.37			<0.004	U	
		VMP-3-5-110811	11/8/2011	0.00096	J		0.00096	J		<0.0042	J	U	<0.0042	U		<0.004	U		<0.0022	U	
		VMP-3-5-110811-DUP	11/8/2011	0.00086	J		0.00086	J		<0.0043	J	U	<0.0043	U		<0.0041	U		<0.0022	U	
		VMP-3-5-012712	1/27/2012	<2.4	U		<2.4	U		<8.6	U		<2.2	U		260			<1.1	U	
		VMP-3-5-041912	4/19/2012	0.0017	J		0.0017	J		0.0041	J		0.0013	J		0.098			<0.0024	U	
		VMP-3-5-072712	7/27/2012	0.0018	J		0.0018	J		0.0028	J		0.0011	J		0.0022	J		<0.0026	U	
		VMP-3-5-060413	6/4/2013	0.0037	J		0.0037	J		<0.0078	U		<0.0078	U		0.0053	J		<0.004	U	
	10 ft	VMP-3-10	6/21/2010	<8.5	U		<8.5	U		4.3	J		1.4	J		3500			<3.9	U	
		VMP 3-10-091010	9/10/2010	<24	U		<24	U		<21	U		<21	U		3000			<11	U	
		VMP-3-10-092010	9/20/2010	<17	U		<17	U		<15	U		<15	U		2400			<7.9	U	
		VMP-3-10-112210	11/22/2010	<7.4	U		<7.4	U		<6.5	U		<6.5	U		3200			<3.4	U	
		VMP-3-10-112210-Dup	11/22/2010	<10	U		<10	U		<9	U		<9	U		3100			<4.7	U	
		VMP-3-10-020811	2/8/2011	<11	U		<11	U		<9.5	U		<9.5	U		3300			<5	U	
		VMP-3-10-041311	4/13/2011	<63	U		<63	U		<55	U		<55	U		1900			<29	U	
		VMP-3-10-080311	8/3/2011	<0.08	U		<0.08	U		0.013	J		<0.07	U		26			<0.036	U	
		VMP-3-10-110811	11/8/2011	<0.0065	U		<0.0065	U		0.0012	J		<0.0057	U		1.1			<0.003	U	
		VMP-3-10-012712	1/27/2012	<0.047	U		<0.047	U		0.021	J		0.017	J		8.9			<0.021	U	
		VMP-3-10-042012	4/20/2012	0.0015	J		0.0015	J		<0.0042	J	U	<0.0042	J	U	0.049			<0.0022	U	
		VMP-3-10-072312	7/23/2012	0.0012	J		0.0012	J		0.0018	J		<0.0049	U		0.68			<0.0026	U	
		VMP-3-10-101812	10/18/2012	0.0035	J		0.0035	J		0.0042	J	J	0.018			0.25			<0.0039	U	
		VMP-3-10-020613	2/6/2013	0.0014	J		0.0014	J		<0.0069	U		<0.0069	U		0.0019	J		<0.0036	U	
		VMP-3-10-060413	6/4/2013	0.0023	J		0.0023	J		<0.0074	U		<0.0074	U		0.0041	J		<0.0038	U	
	22 ft	VMP-3-22	11/4/2009	<22	U		<22	U		<19	U		<19	U		3800			<9.9	U	
		VMP-3-22-092010	9/20/2010	<23	U		<23	U		5.3	J		<20	U		3200			<10	U	
		VMP-3-22-112210	11/22/2010	<26	U		<26	U		<23	U		<23	U		4100			<12	U	
		VMP-3-22-020811	2/8/2011	<13	U		<13	U		<11	U		<11	U		2900			<5.8	U	
		VMP-3-22-041511	4/15/2011	<70	U		<70	U		<61	U		<61	U		2200			<32	U	
		VMP-3-22-080611	8/6/2011	<0.11	U		<0.11	U		0.014	J		<0.097	U		23			<0.05	U	
		VMP-3-22-110811	11/8/2011	0.00099	J		0.00099	J		<0.0043	J	U	<0.0043	U		0.78			<0.0022	U	
		VMP-3-22-013012	1/30/2012	<0.02	U		<0.02	U		<0.017	U		<0.017	U		5.9			<0.0089	U	
		VMP-3-22-042012	4/20/2012	0.0012	J		0.0012	J		<0.0043	J	U	<0.0043	U		0.28			<0.0022	U	
		VMP-3-22-072312	7/23/2012	0.00097	J		0.00097	J		0.00091	J		<0.0048	U		0.01			<0.0025	U	
		VMP-3-22-101812	10/18/2012	<0.0083	U		<0.0083	U		<0.0073	U	UJ	<0.0073	U		0.012			<0.0038	U	
		VMP-3-22-020613	2/6/2013	0.0014	J		0.0014	J		<0.0071	U		<0.0071	U		0.0032	J		<0.0037	U	
		VMP-3-22-060413	6/4/2013	0.0018	J		0.0018	J		<0.007	U		<0.007	U		<0.0066	J	U	<0.0036	U	
		VMP-3-22-060413-Dup	6/4/2013	0.0024	J		0.0024	J		<0.0072	U		<0.0072	U		<0.0069	J	U	<0.0038	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	m,p-Xylenes			o-Xylenes			Isobutane			Isobutane			Pentane		
				130			120											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-3	42 ft	VMP-2-42	11/3/2009	160			58											
		VMP-2-42-013113	1/31/2013	12	J		<56	U										
		VMP-2-42-050613	5/6/2013	<24	U		<24	U										
	5 ft	VMP-3-5	11/3/2009	0.1			0.045											
		VMP-3-5-090910	9/9/2010	<5.8	U		<5.8	U										
		VMP-3-5-112210	11/22/2010	2.3	J		<5.8	U										
		VMP-3-5-020911	2/9/2011	<2.6	U		<2.6	U										
		VMP-3-5-041411	4/14/2011	<28	U		<28	U										
		VMP-3-5-080211	8/2/2011	0.0074			0.0026	J										
		VMP-3-5-110811	11/8/2011	0.0017	J		<0.0037	U										
		VMP-3-5-110811-DUP	11/8/2011	0.0015	J		0.00056	J										
		VMP-3-5-012712	1/27/2012	<1.9	U		<1.9	U										
		VMP-3-5-041912	4/19/2012	0.015			0.0045											
		VMP-3-5-072712	7/27/2012	0.0056			0.0029	J										
		VMP-3-5-060413	6/4/2013	0.0038	J		0.0018	J										
	10 ft	VMP-3-10	6/21/2010	2.9	J		<6.6	U										
		VMP 3-10-091010	9/10/2010	<18	U		<18	U										
		VMP-3-10-092010	9/20/2010	6.6	J		<13	U										
		VMP-3-10-112210	11/22/2010	2.8	J		<5.7	U										
		VMP-3-10-112210-Dup	11/22/2010	2.2	J		<8	U										
		VMP-3-10-020811	2/8/2011	<8.4	U		<8.4	U										
		VMP-3-10-041311	4/13/2011	<49	U		<49	U										
		VMP-3-10-080311	8/3/2011	0.016	J		<0.062	U										
		VMP-3-10-110811	11/8/2011	0.0021	J		0.00084	J										
		VMP-3-10-012712	1/27/2012	0.03	J		0.019	J										
		VMP-3-10-042012	4/20/2012	0.0048			0.0016	J										
		VMP-3-10-072312	7/23/2012	0.0024	J		0.0012	J										
		VMP-3-10-101812	10/18/2012	0.028			0.017											
		VMP-3-10-020613	2/6/2013	<0.0061	U		<0.0061	U										
		VMP-3-10-060413	6/4/2013	<0.0065	U		<0.0065	U										
	22 ft	VMP-3-22	11/4/2009	22			<17	U										
		VMP-3-22-092010	9/20/2010	26			11	J										
		VMP-3-22-112210	11/22/2010	8.8	J		<20	U										
		VMP-3-22-020811	2/8/2011	7.6	J		<9.9	U										
		VMP-3-22-041511	4/15/2011	<54	U		<54	U										
		VMP-3-22-080611	8/6/2011	0.045	J		<0.086	U										
		VMP-3-22-110811	11/8/2011	<0.0038	J	U	0.00063	J										
		VMP-3-22-013012	1/30/2012	0.0083	J		<0.015	U										
		VMP-3-22-042012	4/20/2012	0.0032	J		0.0011	J										
		VMP-3-22-072312	7/23/2012	0.0013	J		<0.0042	U										
		VMP-3-22-101812	10/18/2012	0.003	J		<0.0064	U										
		VMP-3-22-020613	2/6/2013	<0.0063	U		<0.0063	U										
		VMP-3-22-060413	6/4/2013	0.0017	J		0.00092	J										
		VMP-3-22-060413-Dup	6/4/2013	<0.0064	U		<0.0064	U										

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene		
				750000			0.37			450000			11			6.9					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-4	31.5 ft	VMP-3-31.5	11/4/2009	<59	U		240			<42	U		<64	U		<24	U		<14	U	
		VMP-3-31.5-090910	9/9/2010	<72	U		210			<51	U		<78	U		<30	U		<17	U	
		VMP-3-31.5-112210	11/22/2010	<50	U		180			<36	U		<55	U		<20	U		<12	U	
		VMP-3-31.5-020911	2/9/2011	<48	U		100			<34	U		<52	U		<20	U		<11	U	
		VMP-3-31.5-041411	4/14/2011	<400	U		100	J		<280	U		<430	U		<160	U		<92	U	
		VMP-3-31.5-041411-DUP	4/14/2011	<400	U		89	J		<280	U		<430	U		<160	U		<92	U	
		VMP-3-31.5-080211	8/2/2011	<890	U		86	J		<630	U		<970	U		<360	U		<210	U	
		VMP-3-31.5-080211-Dup	8/2/2011	<520	U		110	J		<370	U		<570	U		<210	U		<120	U	
		VMP-3-31.5-110811	11/8/2011	180		J	5.9	J		<15	U		<23	U		<8.5	U		<4.8	U	
		VMP-3-31.5-012712	1/27/2012	12	J	J	27	J	J	<93	U		<570	U		<54	U		<31	U	
		VMP-3-31.5-041912	4/19/2012	<230	U		<76	U		<160	U		<250	U		<93	U		<53	U	
		VMP-3-31.5-041912-Dup	4/19/2012	<220	U		<73	U		<150	U		<240	U		<89	U		<51	U	
		VMP-3-31.5-072312	7/23/2012	<54	U		<18	U		<38	U		<59	U		<22	U		<13	U	
		VMP-3-31.5-101912	10/19/2012	<4.4	U		0.32	J		<3.1	U		<4.8	U		<1.8	U		<1	U	
		VMP-3-31.5-020713	2/7/2013	<24	U		<8.2	U		<17	U		<27	U		<10	U		<5.7	U	
		VMP-3-31.5-060413	6/4/2013	<13	U		3.9	J		<9.5	U		<15	U		<5.5	U		<3.1	U	
	39 ft	VMP-3-39	11/4/2009	<120	U		240			<83	U		<130	U		<48	U		<27	U	
		VMP-3-39-101912	10/19/2012	<440	U		47	J		<310	U		<480	U		<180	U		<100	U	
		VMP-3-39-021213	2/12/2013	<120	U		20	J		<88	U		<140	U		<51	U		<29	U	
		VMP-3-39-060413	6/4/2013	<13	U		11			<9.2	U		<14	U		<5.3	U		<3	U	
	5 ft	VMP-4-5	11/5/2009	<0.12	U		<0.04	U		<0.085	U		<0.13	U		<0.049	U		<0.028	U	
		VMP-4-5-082510	8/25/2010	<0.68	U		0.27			<0.48	U		<0.74	U		<0.28	U		<0.16	U	
		VMP-4-5-112210	11/22/2010	<26	U		41			<18	U		<28	U		<10	U		<6	U	
		VMP-4-5-021411	2/14/2011	<1.5	U		2.3			<1	U		<1.6	U		<0.61	U		<0.35	U	
		VMP-4-5-041911	4/19/2011	<69	U		22	J		<48	U		<75	U		<28	U		<16	U	
		VMP-4-5-080311	8/3/2011	<0.15	U		0.1			<0.1	U		<0.16	U		<0.06	U		<0.034	U	
		VMP-4-5-110911	11/9/2011	0.03		J	0.0018	J		<0.0057	U		<0.0088	U		<0.0033	U		<0.0019	U	
		VMP-4-5-013012	1/30/2012	0.12	J	J	0.23		J	<0.29	U		<0.45	U		<0.17	U		<0.097	U	
		VMP-4-5-042512	4/25/2012	0.04			0.31			<0.0073	U		<0.011	U		<0.042	U		<0.0024	U	
		VMP-4-5-072512	7/25/2012	0.12			0.28			<0.0072	U		<0.011	U		<0.042	U		<0.0024	U	
		VMP-4-5-101812	10/18/2012	0.022	J		0.31			<0.01	U		<0.016	U		<0.06	U		<0.0034	U	
		VMP-4-5-020713	2/7/2013	0.0076	J		0.0057			<0.0083	U		<0.013	U		<0.048	U		<0.0027	U	
		VMP-4-5-050913	5/9/2013	0.047			0.0026	J		<0.01	U		<0.016	U		<0.061	U		<0.0035	U	
	12 ft	VMP-4-12	11/5/2009	<2	U		3.2			<1.4	U		<2.2	U		<0.82	U		<0.47	U	
		VMP-4-12-082510	8/25/2010	<12	U		28			<8.4	U		<13	U		<4.9	U		<2.8	U	
		VMP-4-12-112310	11/23/2010	<12	U		15			<8.6	U		<13	U		<5	U		<2.8	U	
		VMP-4-12-021411	2/14/2011	<3.1	U		5.2			<2.2	U		<3.3	U		<1.2	U		<0.72	U	
		VMP-4-12-041911	4/19/2011	<59	U		38			<42	U		<65	U		<24	U		<14	U	
		VMP-4-12-080311	8/3/2011	<6.8	U		8.4			<4.8	U		<7.4	U		<2.8	U		<1.6	U	
		VMP-4-12-080311-Dup	8/3/2011	<14	U		6.4			<9.7	U		<15	U		<5.6	U		<3.2	U	
		VMP-4-12-110911	11/9/2011	15		J	0.46	J		<1.5	U		<2.3	U		<0.85	U		<0.48	U	
		VMP-4-12-013012	1/30/2012	<4.2	U		3.4			<3	U		<4.6	U		<1.7	U		<0.99	U	
		VMP-4-12-041812	4/18/2012	0.04			0.068			<0.0067	U		<0.01	U		<0.039	U		<0.0022	U	
		VMP-4-12-072312	7/23/2012	0.066	J		0.02			<0.033	U		<0.05	U		<0.19	U		<0.011	U	
		VMP-4-12-101812	10/18/2012	0.038			0.004	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U	
		VMP-4-12-101812-Dup	10/18/2012	0.035	J		0.0038	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U	
		VMP-4-12-020713	2/7/2013	0.0077	J		0.0069			<0.009	U		<0.014	U		<0.052	U		<0.003	U	
		VMP-4-12-020713-DUP	2/7/2013	0.012	J		0.013			<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
		VMP-4-12-050913	5/9/2013	0.063	J		0.0023	J		<0.02	U		<0.031	U		<0.12	U		<0.0066	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Butane			Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			2-Butanone			Carbon disulfide		
																6400			780		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-4	31.5 ft	VMP-3-31.5	11/4/2009													<18	U		<19	U	
		VMP-3-31.5-090910	9/9/2010													<22	U		<24	U	
		VMP-3-31.5-112210	11/22/2010													<16	U		<16	U	
		VMP-3-31.5-020911	2/9/2011													<15	U		<16	U	
		VMP-3-31.5-041411	4/14/2011	68000												<490	U		<130	U	
		VMP-3-31.5-041411-DUP	4/14/2011	63000												<490	U		<130	U	
		VMP-3-31.5-080211	8/2/2011	98000												<1100	U		<290	U	
		VMP-3-31.5-080211-Dup	8/2/2011	91000												<650	U		<170	U	
		VMP-3-31.5-110811	11/8/2011	3300												5	J		13	J	
		VMP-3-31.5-012712	1/27/2012	13000		J										<160	U		<43	U	
		VMP-3-31.5-041912	4/19/2012	44000												<280	U		<74	U	
		VMP-3-31.5-041912-Dup	4/19/2012	47000												<270	U		<71	U	
		VMP-3-31.5-072312	7/23/2012	14000												<67	U		<18	U	
		VMP-3-31.5-101912	10/19/2012	100												<5.4	U		<1.4	U	
		VMP-3-31.5-020713	2/7/2013	3000												<30	U		1.3	J	
		VMP-3-31.5-060413	6/4/2013	1200												<17	U		<4.4	U	
	39 ft	VMP-3-39	11/4/2009													<36	U		<38	U	
		VMP-3-39-101912	10/19/2012	22000												<540	U		<140	U	
		VMP-3-39-021213	2/12/2013	18000												<160	U		<41	U	
		VMP-3-39-060413	6/4/2013	1700												<16	U		<4.3	U	
	5 ft	VMP-4-5	11/5/2009													<0.037	U		<0.039	U	
		VMP-4-5-082510	8/25/2010													<0.21	U		<0.22	U	
		VMP-4-5-112210	11/22/2010													<7.9	U		<8.4	U	
		VMP-4-5-021411	2/14/2011													<0.46	U		<0.49	U	
		VMP-4-5-041911	4/19/2011	7000												<86	U		<22	U	
		VMP-4-5-080311	8/3/2011	1.3												<0.18	U		<0.19	U	
		VMP-4-5-110911	11/9/2011	0.011												0.0024	J		<0.011	U	
		VMP-4-5-013012	1/30/2012	14		J										<0.52	U		<0.14	U	
		VMP-4-5-042512	4/25/2012	0.071												0.035			<0.014	J	U
		VMP-4-5-072512	7/25/2012	0.012												0.034			0.014		J
		VMP-4-5-101812	10/18/2012	0.0038	J											0.007	J		<0.019	U	
		VMP-4-5-020713	2/7/2013	0.0068	J											<0.014	U		<0.015	J	U
		VMP-4-5-050913	5/9/2013	0.025												0.018	J		<0.02	U	
	12 ft	VMP-4-12	11/5/2009													<0.62	U		<0.66	U	
		VMP-4-12-082510	8/25/2010													<3.7	U		<3.9	U	
		VMP-4-12-112310	11/23/2010													<3.8	U		<4	U	
		VMP-4-12-021411	2/14/2011													<0.96	U		<1	U	
		VMP-4-12-041911	4/19/2011	7200												<74	U		<19	U	
		VMP-4-12-080311	8/3/2011	1400												<8.5	U		<2.2	U	
		VMP-4-12-080311-Dup	8/3/2011	1200												<17	U		<4.5	U	
		VMP-4-12-110911	11/9/2011	100												<2.6	U		<2.7	U	
		VMP-4-12-013012	1/30/2012	280												<5.3	U		<1.4	U	
		VMP-4-12-041812	4/18/2012	0.0056	J											0.058			<0.012	J	U
		VMP-4-12-072312	7/23/2012	0.19												<0.057	U		<0.061	U	
		VMP-4-12-101812	10/18/2012	0.011	J											0.0043	J		<0.019	U	
		VMP-4-12-101812-Dup	10/18/2012	0.011	J											<0.018	U		0.0066	J	
		VMP-4-12-020713	2/7/2013	0.025												<0.016	U		<0.017	J	U
		VMP-4-12-020713-DUP	2/7/2013	0.03												<0.016	U		<0.017	J	U
		VMP-4-12-050913	5/9/2013	1.5												<0.035	U		<0.037	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane		
				0.21			69			57000						0.11					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-4	31.5 ft	VMP-3-31.5	11/4/2009	<39	U		<28	U		<53	U		<16	U		<30	U		<51	U	
		VMP-3-31.5-090910	9/9/2010	<48	U		<35	U		<65	U		<20	U		<37	U		<63	U	
		VMP-3-31.5-112210	11/22/2010	<33	U		<24	U		<45	U		<14	U		<26	U		<44	U	
		VMP-3-31.5-020911	2/9/2011	<32	U		<23	U		<43	U		<13	U		<25	U		<42	U	
		VMP-3-31.5-041411	4/14/2011	<260	U		<190	U		<350	U		<440	U		<200	U		<340	U	
		VMP-3-31.5-041411-DUP	4/14/2011	<260	U		<190	U		<350	U		<440	U		<200	U		<340	U	
		VMP-3-31.5-080211	8/2/2011	<590	U		<430	U		<800	U		<990	U		<460	U		<780	U	
		VMP-3-31.5-080211-Dup	8/2/2011	<350	U		<250	U		<470	U		<580	U		<270	U		<450	U	
		VMP-3-31.5-110811	11/8/2011	<14	U		<10	U		<19	U		<23	U		<11	U		<18	U	
		VMP-3-31.5-012712	1/27/2012	<87	U		<64	U		<120	U		<150	U		<68	U		<110	U	
		VMP-3-31.5-041912	4/19/2012	<150	U		<110	U		<200	U		<250	U		<120	U		<200	U	
		VMP-3-31.5-041912-Dup	4/19/2012	<140	U		<100	U		<200	U		<240	U		<110	U		<190	U	
		VMP-3-31.5-072312	7/23/2012	<36	U		<26	U		<49	U		<60	U		<28	U		<47	U	
		VMP-3-31.5-101912	10/19/2012	<2.9	U		<2.1	U		<3.9	U		<4.8	U		<2.2	U		<3.8	U	
		VMP-3-31.5-020713	2/7/2013	<16	U		<12	U		<22	U		<27	U		<12	U		<21	U	
		VMP-3-31.5-060413	6/4/2013	<8.9	U		<6.5	U		<12	U		1.5	J		<6.9	U		<12	U	
	39 ft	VMP-3-39	11/4/2009	<78	U		<57	U		<100	U		<32	U		<60	U		<100	U	
		VMP-3-39-101912	10/19/2012	<290	U		<210	U		<390	U		<480	U		<220	U		<380	U	
		VMP-3-39-021213	2/12/2013	<83	U		<61	U		<110	U		<140	U		<64	U		<110	U	
		VMP-3-39-060413	6/4/2013	<8.6	U		<6.3	U		<12	U		<14	U		<6.7	U		<11	U	
	5 ft	VMP-4-5	11/5/2009	<0.08	U		<0.058	U		<0.11	U		<0.033	U		<0.062	U		<0.1	U	
		VMP-4-5-082510	8/25/2010	<0.45	U		<0.33	U		<0.61	U		<0.19	U		<0.35	U		<0.59	U	
		VMP-4-5-112210	11/22/2010	<17	U		<12	U		<23	U		<7.1	U		<13	U		<22	U	
		VMP-4-5-021411	2/14/2011	<0.99	U		<0.72	U		<1.3	U		<0.42	U		<0.77	U		<1.3	U	
		VMP-4-5-041911	4/19/2011	<46	U		<33	U		<62	U		<76	U		<35	U		<60	U	
		VMP-4-5-080311	8/3/2011	<0.098	U		0.02	J		<0.13	U		<0.16	U		<0.076	U		<0.13	U	
		VMP-4-5-110911	11/9/2011	<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		<0.0042	U		0.0014	J	
		VMP-4-5-013012	1/30/2012	<0.28	U		<0.2	U		<0.37	U		<0.46	U		<0.21	U		<0.36	U	
		VMP-4-5-042512	4/25/2012	<0.0068	U		<0.005	J	U	<0.0092	U		<0.011	U		<0.0053	U		<0.022	U	
		VMP-4-5-072512	7/25/2012	<0.0067	U		<0.0049	J	U	<0.0091	U		<0.011	U		0.0019	J		<0.022	U	
		VMP-4-5-101812	10/18/2012	<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U	
		VMP-4-5-020713	2/7/2013	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U	
		VMP-4-5-050913	5/9/2013	<0.0099	U		<0.0072	U		<0.013	U		<0.016	U		<0.0077	U		<0.032	U	
	12 ft	VMP-4-12	11/5/2009	<1.3	U		<0.97	U		<1.8	U		<0.56	U		<1	U		<1.7	U	
		VMP-4-12-082510	8/25/2010	<7.9	U		<5.8	U		<11	U		<3.3	U		<6.2	U		<10	U	
		VMP-4-12-112310	11/23/2010	<8.1	U		<5.9	U		<11	U		<3.4	U		<6.3	U		<11	U	
		VMP-4-12-021411	2/14/2011	<2	U		<1.5	U		<2.8	U		<0.85	U		<1.6	U		<2.7	U	
		VMP-4-12-041911	4/19/2011	<39	U		<29	U		<53	U		<66	U		<30	U		<52	U	
		VMP-4-12-080311	8/3/2011	<4.5	U		<3.3	U		<6.1	U		<7.6	U		<3.5	U		<5.9	U	
		VMP-4-12-080311-Dup	8/3/2011	<9.1	U		<6.6	U		<12	U		<15	U		<7	U		<12	U	
		VMP-4-12-110911	11/9/2011	<1.4	U		<1	U		<1.9	U		<2.3	U		<1.1	U		<1.8	U	
		VMP-4-12-013012	1/30/2012	<2.8	U		<2.1	U		<3.8	U		<4.7	U		<2.2	U		<3.7	U	
		VMP-4-12-041812	4/18/2012	<0.0063	U		<0.0046	U		<0.0086	U		<0.011	U		<0.0049	U		0.0028	J	
		VMP-4-12-072312	7/23/2012	<0.031	U		<0.022	U		<0.041	U		<0.051	U		<0.024	U		<0.1	U	
		VMP-4-12-101812	10/18/2012	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		0.002	J	
		VMP-4-12-101812-Dup	10/18/2012	<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		0.0071	J	
		VMP-4-12-020713	2/7/2013	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U	
		VMP-4-12-020713-DUP	2/7/2013	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	
		VMP-4-12-050913	5/9/2013	<0.019	U		<0.014	U		<0.026	U		<0.032	U		<0.015	U		<0.062	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	alpha-Chlorotoluene			Cyclobutane, ethyl-			Cyclohexane			Cyclopentane, methyl-			1,2-Dibromoethane			1,2-Dichlorobenzene		
																0.011			290		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-4	31.5 ft	VMP-3-31.5	11/4/2009	<32	U					920						<48	U		<37	U	
		VMP-3-31.5-090910	9/9/2010	<39	U					1100						<58	U		<46	U	
		VMP-3-31.5-112210	11/22/2010	<27	U					1400						<41	U		<32	U	
		VMP-3-31.5-020911	2/9/2011	<26	U					1000						<39	U		<30	U	
		VMP-3-31.5-041411	4/14/2011	<220	U					910						<320	U		<250	U	
		VMP-3-31.5-041411-DUP	4/14/2011	<220	U					830						<320	U		<250	U	
		VMP-3-31.5-080211	8/2/2011	<490	U					1000						<720	U		<560	U	
		VMP-3-31.5-080211-Dup	8/2/2011	<280	U					1400						<420	U		<330	U	
		VMP-3-31.5-110811	11/8/2011	<11	U					49						<17	U		<13	U	
		VMP-3-31.5-012712	1/27/2012	<290	U					210		J				<110	U		<83	U	
		VMP-3-31.5-041912	4/19/2012	<120	U					580						<180	U		<140	U	
		VMP-3-31.5-041912-Dup	4/19/2012	<120	U					590						<180	U		<140	U	
		VMP-3-31.5-072312	7/23/2012	<30	U					120						<44	U		<34	U	
		VMP-3-31.5-101912	10/19/2012	<2.4	U					6.8						<3.5	U		<2.8	U	
		VMP-3-31.5-020713	2/7/2013	<13	U					<8.9	U					<20	U		<16	U	
		VMP-3-31.5-060413	6/4/2013	<7.3	U					32						<11	U		<8.5	U	
	39 ft	VMP-3-39	11/4/2009	<64	U					790						<95	U		<74	U	
		VMP-3-39-101912	10/19/2012	<240	U					340						<350	U		<280	U	
		VMP-3-39-021213	2/12/2013	<68	U					<45	U					<100	U		<79	U	
		VMP-3-39-060413	6/4/2013	<7.1	U					54						<10	U		<8.3	U	
	5 ft	VMP-4-5	11/5/2009	<0.065	U					5.7						<0.097	U		<0.076	U	
		VMP-4-5-082510	8/25/2010	<0.37	U					40						<0.55	U		<0.43	U	
		VMP-4-5-112210	11/22/2010	<14	U					1200						<21	U		<16	U	
		VMP-4-5-021411	2/14/2011	<0.82	U					120						<1.2	U		<0.95	U	
		VMP-4-5-041911	4/19/2011	<38	U					770						<56	U		<44	U	
		VMP-4-5-080311	8/3/2011	<0.08	U					0.2						<0.12	U		<0.093	U	
		VMP-4-5-110911	11/9/2011	<0.0044	U					0.0092						<0.0066	U		<0.0051	U	
		VMP-4-5-013012	1/30/2012	<0.23	U					6.2		J				<0.34	U		<0.26	U	
		VMP-4-5-042512	4/25/2012	<0.0056	U					0.17						0.0022	J		<0.0065	J	U
		VMP-4-5-072512	7/25/2012	<0.0055	U					0.0087						<0.0082	U		<0.0064	U	
		VMP-4-5-101812	10/18/2012	<0.008	U					0.0012	J					<0.012	U		<0.0093	U	
		VMP-4-5-020713	2/7/2013	<0.0064	U					<0.0042	U					<0.0095	U		<0.0074	U	
		VMP-4-5-050913	5/9/2013	<0.0081	U					0.0017	J					<0.012	J	U	<0.0094	U	
	12 ft	VMP-4-12	11/5/2009	<1.1	U					170						<1.6	U		<1.3	U	
		VMP-4-12-082510	8/25/2010	<6.5	U					880						<9.7	U		<7.6	U	
		VMP-4-12-112310	11/23/2010	<6.7	U					760						<9.9	U		<7.8	U	
		VMP-4-12-021411	2/14/2011	<1.7	U					280						<2.5	U		<1.9	U	
		VMP-4-12-041911	4/19/2011	<32	U					860						<48	U		<38	U	
		VMP-4-12-080311	8/3/2011	<3.7	U					230						<5.5	U		<4.3	U	
		VMP-4-12-080311-Dup	8/3/2011	<7.5	U					210						<11	U		<8.7	U	
		VMP-4-12-110911	11/9/2011	<1.1	U					16						<1.7	U		<1.3	U	
		VMP-4-12-013012	1/30/2012	<2.3	U					100						<3.4	U		<2.7	U	
		VMP-4-12-041812	4/18/2012	<0.0052	U					0.0096						0.0019	J		<0.006	U	
		VMP-4-12-072312	7/23/2012	<0.025	U					0.1						<0.037	U		<0.029	U	
		VMP-4-12-101812	10/18/2012	<0.0078	U					0.002	J					<0.012	U		<0.0091	U	
		VMP-4-12-101812-Dup	10/18/2012	<0.008	U					0.0024	J					<0.012	U		<0.0093	U	
		VMP-4-12-020713	2/7/2013	<0.007	U					0.0033	J					<0.01	U		<0.0081	U	
		VMP-4-12-020713-DUP	2/7/2013	<0.0071	U					<0.0048	U					<0.011	U		<0.0083	U	
		VMP-4-12-050913	5/9/2013	<0.016	U					0.018						<0.023	U		<0.018	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
							1200						690			0.099			240		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-4	31.5 ft	VMP-3-31.5	11/4/2009	<37	U		<37	U		<31	U		<25	U		<25	U		<24	U	
		VMP-3-31.5-090910	9/9/2010	<46	U		<46	U		<38	U		<31	U		<31	U		<30	U	
		VMP-3-31.5-112210	11/22/2010	<32	U		<32	U		<26	U		<21	U		<21	U		<21	U	
		VMP-3-31.5-020911	2/9/2011	<30	U		<30	U		<25	U		<20	U		<20	U		<20	U	
		VMP-3-31.5-041411	4/14/2011	<250	U		<250	U		<200	U		<170	U		<170	U		<160	U	
		VMP-3-31.5-041411-DUP	4/14/2011	<250	U		<250	U		<200	U		<170	U		<170	U		<160	U	
		VMP-3-31.5-080211	8/2/2011	<560	U		<560	U		<460	U		<380	U		<380	U		<370	U	
		VMP-3-31.5-080211-Dup	8/2/2011	<330	U		<330	U		<270	U		<220	U		<220	U		<220	U	
		VMP-3-31.5-110811	11/8/2011	<13	U		<13	U		<11	U		<8.9	U		6.9	J		<8.7	U	
		VMP-3-31.5-012712	1/27/2012	<83	U		<83	U		<68	U		<56	U		<56	U		<55	U	
		VMP-3-31.5-041912	4/19/2012	<140	U		<140	U		<120	U		<97	U		<97	U		<95	U	
		VMP-3-31.5-041912-Dup	4/19/2012	<140	U		<140	U		<110	U		<93	U		<93	U		<91	U	
		VMP-3-31.5-072312	7/23/2012	<34	U		<34	U		<28	U		<23	U		<23	U		<23	U	
		VMP-3-31.5-101912	10/19/2012	<2.8	U		<2.8	U		<2.3	U		<1.9	U		<1.9	U		<1.8	U	
		VMP-3-31.5-020713	2/7/2013	<16	U		<16	U		<13	U		<10	U		<10	U		<10	U	
		VMP-3-31.5-060413	6/4/2013	<8.5	U		<8.5	U		<7	U		<5.7	U		<5.7	U		<5.6	U	
	39 ft	VMP-3-39	11/4/2009	<74	U		<74	U		<61	U		<50	U		<50	U		<49	U	
		VMP-3-39-101912	10/19/2012	<280	U		<280	U		<230	U		<190	U		<190	U		<180	U	
		VMP-3-39-021213	2/12/2013	<79	U		<79	U		<65	U		<53	U		<53	U		<52	U	
		VMP-3-39-060413	6/4/2013	<8.3	U		<8.3	U		<6.8	U		<5.6	U		<5.6	U		<5.4	U	
	5 ft	VMP-4-5	11/5/2009	<0.076	U		<0.076	U		<0.062	U		<0.051	U		<0.051	U		<0.05	U	
		VMP-4-5-082510	8/25/2010	<0.43	U		<0.43	U		<0.36	U		<0.29	U		<0.29	U		<0.28	U	
		VMP-4-5-112210	11/22/2010	<16	U		<16	U		<13	U		<11	U		<11	U		<11	U	
		VMP-4-5-021411	2/14/2011	<0.95	U		<0.95	U		<0.78	U		<0.64	U		<0.64	U		<0.62	U	
		VMP-4-5-041911	4/19/2011	<44	U		<44	U		<36	U		<29	U		<29	U		<29	U	
		VMP-4-5-080311	8/3/2011	<0.093	U		<0.093	U		<0.077	U		<0.063	U		<0.063	U		<0.062	U	
		VMP-4-5-110911	11/9/2011	<0.0051	U		<0.0051	U		0.0019	J		<0.0035	U		<0.0035	U		<0.0034	U	
		VMP-4-5-013012	1/30/2012	<0.26	U		<0.26	U		<0.22	U		<0.18	U		<0.18	U		<0.17	U	
		VMP-4-5-042512	4/25/2012	<0.0065	J	U	<0.0065	J	U	0.0026	J		<0.0044	U		<0.0044	U		<0.0043	U	
		VMP-4-5-072512	7/25/2012	<0.0064	J	U	<0.0064	J	U	0.0028	J		<0.0043	U		<0.0043	U		<0.0042	U	
		VMP-4-5-101812	10/18/2012	<0.0093	U		<0.0093	U		0.0032	J		<0.0063	U		<0.0063	U		<0.0062	U	
		VMP-4-5-020713	2/7/2013	<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-4-5-050913	5/9/2013	<0.0094	J	U	<0.0094	U		0.0027	J		<0.0064	U		<0.0064	U		<0.0062	U	
	12 ft	VMP-4-12	11/5/2009	<1.3	U		<1.3	U		<1	U		<0.85	U		<0.85	U		<0.84	U	
		VMP-4-12-082510	8/25/2010	<7.6	U		<7.6	U		<6.2	U		<5.1	U		<5.1	U		<5	U	
		VMP-4-12-112310	11/23/2010	<7.8	U		<7.8	U		<6.4	U		<5.2	U		<5.2	U		<5.1	U	
		VMP-4-12-021411	2/14/2011	<1.9	U		<1.9	U		<1.6	U		<1.3	U		<1.3	U		<1.3	U	
		VMP-4-12-041911	4/19/2011	<38	U		<38	U		<31	U		<25	U		<25	U		<25	U	
		VMP-4-12-080311	8/3/2011	<4.3	U		<4.3	U		<3.6	U		<2.9	U		<2.9	U		<2.8	U	
		VMP-4-12-080311-Dup	8/3/2011	<8.7	U		<8.7	U		<7.1	U		<5.8	U		<5.8	U		<5.7	U	
		VMP-4-12-110911	11/9/2011	<1.3	U		<1.3	U		<1.1	U	UJ	<0.89	U		<0.89	U		<0.87	U	
		VMP-4-12-013012	1/30/2012	<2.7	U		<2.7	U		<2.2	U		<1.8	U		<1.8	U		<1.8	U	
		VMP-4-12-041812	4/18/2012	<0.006	U		<0.006	J	U	0.003	J		<0.0041	U		<0.0041	J	U	<0.004	U	
		VMP-4-12-072312	7/23/2012	<0.029	U		<0.029	U		<0.024	U		<0.02	U		<0.02	U		<0.019	U	
		VMP-4-12-101812	10/18/2012	<0.0091	U		<0.0091	U		<0.0075	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-4-12-101812-Dup	10/18/2012	<0.0093	U		<0.0093	U		0.0023	J		<0.0063	U		<0.0063	U		<0.0062	U	
		VMP-4-12-020713	2/7/2013	<0.0081	U		<0.0081	U		0.0026	J		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-4-12-020713-DUP	2/7/2013	<0.0083	U		<0.0083	U		0.0025	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-4-12-050913	5/9/2013	<0.018	U		<0.018	U		<0.015	U		<0.012	U		<0.012	U		<0.012	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene		
				1100000			85			5.6			0.062			0.9			0.9		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-4	31.5 ft	VMP-3-31.5	11/4/2009	<24	U		<24	U		<22	U		<29	U		<28	U		<28	U	
		VMP-3-31.5-090910	9/9/2010	<30	U		<30	U		<26	U		<35	U		<34	U		<34	U	
		VMP-3-31.5-112210	11/22/2010	<21	U		<21	U		<18	U		<24	U		<24	U		<24	U	
		VMP-3-31.5-020911	2/9/2011	<20	U		<20	U		<18	U		<23	U		<23	U		<23	U	
		VMP-3-31.5-041411	4/14/2011	<160	U		<160	U		<140	U		<190	U		<190	U		<190	U	
		VMP-3-31.5-041411-DUP	4/14/2011	<160	U		<160	U		<140	U		<190	U		<190	U		<190	U	
		VMP-3-31.5-080211	8/2/2011	<370	U		<370	U		<330	U		<430	U		<430	U		<430	U	
		VMP-3-31.5-080211-Dup	8/2/2011	<220	U		<220	U		<190	U		<250	U		<250	U		<250	U	
		VMP-3-31.5-110811	11/8/2011	<8.7	U		<8.7	U		<7.6	U		<10	U		<9.9	U		<9.9	U	
		VMP-3-31.5-012712	1/27/2012	<55	U		<55	U		14	J	J	<64	U		<63	U		<63	U	
		VMP-3-31.5-041912	4/19/2012	<95	U		<95	U		<83	U		<110	U		<110	U		<110	U	
		VMP-3-31.5-041912-Dup	4/19/2012	<91	U		<91	U		<80	U		<100	U		<100	U		<100	U	
		VMP-3-31.5-072312	7/23/2012	<23	U		<23	U		<20	U		<26	U		<26	U		<26	U	
		VMP-3-31.5-101912	10/19/2012	<1.8	U		<1.8	U		<1.6	U		<2.1	U		<2.1	U		<2.1	U	
		VMP-3-31.5-020713	2/7/2013	<10	U		<10	U		<9	U		<12	U		<12	U		<12	U	
		VMP-3-31.5-060413	6/4/2013	<5.6	U		<5.6	U		<4.9	U		<6.5	U		<6.4	U		<6.4	U	
	39 ft	VMP-3-39	11/4/2009	<49	U		<49	U		<43	U		<57	U		<56	U		<56	U	
		VMP-3-39-101912	10/19/2012	<180	U		<180	U		<160	U		<210	U		<210	U		<210	U	
		VMP-3-39-021213	2/12/2013	<52	U		<52	U		<46	U		<61	U		<60	U		<60	U	
		VMP-3-39-060413	6/4/2013	<5.4	U		<5.4	U		<4.8	U		<6.4	U		<6.2	U		<6.2	U	
	5 ft	VMP-4-5	11/5/2009	<0.05	U		<0.05	U		<0.044	U		<0.058	U		<0.057	U		<0.057	U	
		VMP-4-5-082510	8/25/2010	<0.28	U		<0.28	U		<0.25	U		<0.33	U		<0.33	U		<0.33	U	
		VMP-4-5-112210	11/22/2010	<11	U		<11	U		<9.3	U		<12	U		<12	U		<12	U	
		VMP-4-5-021411	2/14/2011	<0.62	U		<0.62	U		<0.55	U		<0.73	U		<0.71	U		<0.71	U	
		VMP-4-5-041911	4/19/2011	<29	U		<29	U		<25	U		<34	U		<33	U		<33	U	
		VMP-4-5-080311	8/3/2011	<0.062	U		<0.062	U		<0.054	U		<0.072	U		<0.07	U		<0.07	U	
		VMP-4-5-110911	11/9/2011	<0.0034	U		<0.0034	U		<0.003	J	U	<0.004	U		<0.0039	U		<0.0039	U	
		VMP-4-5-013012	1/30/2012	<0.17	U		<0.17	U		0.19		J	<0.2	U		<0.2	U		<0.2	U	
		VMP-4-5-042512	4/25/2012	<0.0043	U		<0.0043	U		<0.038	J	U	<0.005	U		<0.0049	U		<0.0049	J	U
		VMP-4-5-072512	7/25/2012	<0.0042	U		<0.0042	U		0.0026	J		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-4-5-101812	10/18/2012	<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U	
		VMP-4-5-020713	2/7/2013	<0.0049	U		<0.0049	U		0.0032	J		<0.0057	U		<0.0056	U		<0.0056	U	
		VMP-4-5-050913	5/9/2013	<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.0071	U		<0.0071	U	
	12 ft	VMP-4-12	11/5/2009	<0.84	U		<0.84	U		<0.73	U		<0.98	U		<0.96	U		<0.96	U	
		VMP-4-12-082510	8/25/2010	<5	U		<5	U		<4.4	U		<5.8	U		<5.7	U		<5.7	U	
		VMP-4-12-112310	11/23/2010	<5.1	U		<5.1	U		<4.5	U		<6	U		<5.8	U		<5.8	U	
		VMP-4-12-021411	2/14/2011	<1.3	U		<1.3	U		<1.1	U		<1.5	U		<1.5	U		<1.5	U	
		VMP-4-12-041911	4/19/2011	<25	U		<25	U		<22	U		<29	U		<28	U		<28	U	
		VMP-4-12-080311	8/3/2011	<2.8	U		<2.8	U		<2.5	U		<3.3	U		<3.3	U		<3.3	U	
		VMP-4-12-080311-Dup	8/3/2011	<5.7	U		<5.7	U		<5	U		<6.7	U		<6.6	U		<6.6	U	
		VMP-4-12-110911	11/9/2011	<0.87	U		<0.87	U		<0.76	U		<1	U		<0.99	U		<0.99	U	
		VMP-4-12-013012	1/30/2012	<1.8	U		<1.8	U		<1.6	U		<2.1	U		<2	U		<2	U	
		VMP-4-12-041812	4/18/2012	<0.004	U		<0.004	U		<0.035	J	U	<0.0046	U		<0.0046	U		<0.0046	U	
		VMP-4-12-072312	7/23/2012	<0.019	U		<0.019	U		<0.17	U		<0.022	U		<0.022	U		<0.022	U	
		VMP-4-12-101812	10/18/2012	<0.006	U		<0.006	U		0.0064	J		<0.007	U		<0.0069	U		<0.0069	U	
		VMP-4-12-101812-Dup	10/18/2012	<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U	
		VMP-4-12-020713	2/7/2013	<0.0053	U		<0.0053	U		<0.047	J	U	<0.0062	U		<0.0061	U		<0.0061	U	
		VMP-4-12-020713-DUP	2/7/2013	<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-4-12-050913	5/9/2013	<0.012	U		<0.012	U		<0.1	U		<0.014	U		<0.014	U		<0.014	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 113		
				0.22						1400											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-4	31.5 ft	VMP-3-31.5	11/4/2009	<89	U		<47	U		78			<30	U		<48	U		<48	U	
		VMP-3-31.5-090910	9/9/2010	<110	U		<57	U		57			53			<58	U		<58	U	
		VMP-3-31.5-112210	11/22/2010	<76	U		<40	U		50			17	J		<41	U		<41	U	
		VMP-3-31.5-020911	2/9/2011	<73	U		<38	U		33			<25	U		<39	U		<39	U	
		VMP-3-31.5-041411	4/14/2011	<600	U		<310	U		<180	U		<200	U		<320	U		<320	U	
		VMP-3-31.5-041411-DUP	4/14/2011	<600	U		<310	U		<180	U		<200	U		<320	U		<320	U	
		VMP-3-31.5-080211	8/2/2011	<1400	U		<710	U		<410	U		<460	U		<720	U		<720	U	
		VMP-3-31.5-080211-Dup	8/2/2011	<790	U		<410	U		<240	U		<270	U		<420	U		<420	U	
		VMP-3-31.5-110811	11/8/2011	<32	U		5.7	J		<9.5	U		<11	U		<17	U		<17	U	
		VMP-3-31.5-012712	1/27/2012	<200	U		<100	U		<60	U		<68	U		<110	U		<110	U	
		VMP-3-31.5-041912	4/19/2012	<340	U		<180	U		<100	U		<120	U		<180	U		<180	U	
		VMP-3-31.5-041912-Dup	4/19/2012	<330	U		<170	U		<99	U		<110	U		<180	U		<180	U	
		VMP-3-31.5-072312	7/23/2012	<82	U		<43	U		<25	U		<28	U		<44	U		<44	U	
		VMP-3-31.5-101912	10/19/2012	<6.6	U		<3.5	U		<2	U		<2.3	U		<3.5	U		<3.5	U	
		VMP-3-31.5-020713	2/7/2013	<37	U		<19	U		<11	U		<13	U		<20	U		<20	U	
		VMP-3-31.5-060413	6/4/2013	<20	U		<11	U		3	J		4	J		<11	U		<11	U	
	39 ft	VMP-3-39	11/4/2009	<180	U		<93	U		70			<61	U		<95	U		<95	U	
		VMP-3-39-101912	10/19/2012	<660	U		<350	U		31	J		<230	U		<350	U		<350	U	
		VMP-3-39-021213	2/12/2013	<190	U		<99	U		13	J		<65	U		<100	U		<100	U	
		VMP-3-39-060413	6/4/2013	<20	U		<10	U		4.4	J		2.6	J		<10	U		<10	U	
	5 ft	VMP-4-5	11/5/2009	<0.18	U		<0.095	U		<0.055	U		<0.062	U		<0.097	U		<0.097	U	
		VMP-4-5-082510	8/25/2010	<1	U		<0.54	U		<0.31	U		0.061	J		<0.55	U		<0.55	U	
		VMP-4-5-112210	11/22/2010	<39	U		<20	U		21			6.2	J		<21	U		<21	U	
		VMP-4-5-021411	2/14/2011	<2.3	U		<1.2	U		<0.68	U		<0.77	U		<1.2	U		<1.2	U	
		VMP-4-5-041911	4/19/2011	<100	U		<55	U		<31	U		<36	U		<56	U		<56	U	
		VMP-4-5-080311	8/3/2011	<0.22	U		0.22			<0.068	U		<0.076	U		<0.12	U		<0.12	U	
		VMP-4-5-110911	11/9/2011	<0.012	U		0.028			0.00078	J		<0.0042	J	U	<0.0066	U		<0.0066	U	
		VMP-4-5-013012	1/30/2012	<0.63	U		<0.33	U		<0.19	U		<0.22	U		<0.34	U		<0.34	U	
		VMP-4-5-042512	4/25/2012	<0.016	U		0.089			0.0082			0.0041	J		<0.0083	U		<0.0083	U	
		VMP-4-5-072512	7/25/2012	<0.015	U		0.095			0.021			0.0093			<0.0082	U		<0.0082	U	
		VMP-4-5-101812	10/18/2012	<0.022	U		0.041			<0.0068	U		<0.0076	U		<0.012	U		<0.012	U	
		VMP-4-5-020713	2/7/2013	<0.018	U		0.0034	J		<0.0054	U		0.0024	J		<0.0095	U		<0.0095	U	
		VMP-4-5-050913	5/9/2013	<0.023	U		0.015		J	0.0022	J		0.0023	J		<0.012	U		<0.012	U	
	12 ft	VMP-4-12	11/5/2009	<3	U		<1.6	U		<0.92	U		1.2			<1.6	U		<1.6	U	
		VMP-4-12-082510	8/25/2010	<18	U		<9.5	U		7.8			3.6	J		<9.6	U		<9.6	U	
		VMP-4-12-112310	11/23/2010	<18	U		<9.7	U		1.7	J		4.7	J		<9.9	U		<9.9	U	
		VMP-4-12-021411	2/14/2011	<4.7	U		<2.4	U		<1.4	U		0.97	J		<2.5	U		<2.5	U	
		VMP-4-12-041911	4/19/2011	<90	U		<47	U		33			11	J		<48	U		<48	U	
		VMP-4-12-080311	8/3/2011	<10	U		<5.4	U		<3.1	U		<3.5	U		<5.5	U		<5.5	U	
		VMP-4-12-080311-Dup	8/3/2011	<21	U		<11	U		<6.3	U		<7.1	U		<11	U		<11	U	
		VMP-4-12-110911	11/9/2011	<3.2	U		<1.6	U		<0.95	U		<1.1	U		<1.7	U		<1.7	U	
		VMP-4-12-013012	1/30/2012	<6.4	U		<3.4	U		0.46	J		<2.2	U		<3.4	U		<3.4	U	
		VMP-4-12-041812	4/18/2012	<0.014	U		0.03		J	0.0042	J		<0.0049	U		<0.0077	U		<0.0077	U	
		VMP-4-12-072312	7/23/2012	<0.07	U		0.06			0.09			<0.024	U		<0.037	U		<0.037	U	
		VMP-4-12-101812	10/18/2012	<0.022	U		0.019			0.019			0.0012	J		<0.012	U		<0.012	U	
		VMP-4-12-101812-Dup	10/18/2012	<0.022	U		0.012			0.023			0.0019	J		<0.012	U		<0.012	U	
		VMP-4-12-020713	2/7/2013	<0.019	U		0.0031	J		<0.0058	U		0.007			<0.01	U		<0.01	U	
		VMP-4-12-020713-DUP	2/7/2013	<0.02	U		0.0037	J		<0.006	U		<0.0068	J	U	<0.01	U		<0.01	U	
		VMP-4-12-050913	5/9/2013	<0.043	U		<0.023	U		<0.013	U		0.029			<0.023	U		<0.023	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Freon 114			Heptadecane			Heptane			Hexachlorobutadiene			Hexane			Hexane, 2,2,4-trimethyl-		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-4	31.5 ft	VMP-3-31.5	11/4/2009	<43	U					870			<260	U		18000	E	J			
		VMP-3-31.5-090910	9/9/2010	<53	U					1100			<320	U		25000					
		VMP-3-31.5-112210	11/22/2010	<37	U					1200			<230	U		20000					
		VMP-3-31.5-020911	2/9/2011	<35	U					480			<220	U		6400					
		VMP-3-31.5-041411	4/14/2011	<290	U					510			<1800	U		9600					
		VMP-3-31.5-041411-DUP	4/14/2011	<290	U					450			<1800	U		8800					
		VMP-3-31.5-080211	8/2/2011	<660	U					860			<4000	U		18000					
		VMP-3-31.5-080211-Dup	8/2/2011	<380	U					1200			<2300	U		27000					
		VMP-3-31.5-110811	11/8/2011	<15	U					55			<93	U		720					
		VMP-3-31.5-012712	1/27/2012	<97	U					88		J	<590	U		1700		J			
		VMP-3-31.5-041912	4/19/2012	<170	U					240		J	<1000	U		6500					
		VMP-3-31.5-041912-Dup	4/19/2012	<160	U					180		J	<980	U		6600					
		VMP-3-31.5-072312	7/23/2012	<40	U					<23	U		<240	U		620					
		VMP-3-31.5-101912	10/19/2012	<3.2	U					<1.9	U		<20	U		14					
		VMP-3-31.5-020713	2/7/2013	<18	U					<10	U		<110	U		280					
		VMP-3-31.5-060413	6/4/2013	<9.9	U					<5.8	U		<60	U		99					
	39 ft	VMP-3-39	11/4/2009	<86	U					780			<530	U		18000					
		VMP-3-39-101912	10/19/2012	<320	U					<190	U		<2000	U		1200					
		VMP-3-39-021213	2/12/2013	<92	U					<54	U		<560	U		2100					
		VMP-3-39-060413	6/4/2013	<9.6	U					<5.6	U		<59	U		270					
	5 ft	VMP-4-5	11/5/2009	<0.088	U					<0.052	U		<0.54	U		0.54					
		VMP-4-5-082510	8/25/2010	<0.5	U					1.7			<3.1	U		13					
		VMP-4-5-112210	11/22/2010	<19	U					580			<110	U		1300					
		VMP-4-5-021411	2/14/2011	<1.1	U					30			<6.7	U		88					
		VMP-4-5-041911	4/19/2011	<51	U					380			<310	U		1200					
		VMP-4-5-080311	8/3/2011	<0.11	U					0.054	J		<0.66	U		0.6					
		VMP-4-5-110911	11/9/2011	<0.006	U					0.0018	J		<0.036	U		0.0032					
		VMP-4-5-013012	1/30/2012	<0.3	U					2.2		J	<1.9	U		12		J			
		VMP-4-5-042512	4/25/2012	<0.0076	U					0.22			<0.046	U		0.58					
		VMP-4-5-072512	7/25/2012	<0.0075	U					0.03			<0.046	U		0.012					
		VMP-4-5-101812	10/18/2012	<0.011	U					0.0018	J		<0.066	U		<0.0055	U				
		VMP-4-5-020713	2/7/2013	<0.0086	U					<0.0051	U		<0.053	U		0.0017	J				
		VMP-4-5-050913	5/9/2013	<0.011	U					<0.0064	U		<0.067	U		0.0093					
	12 ft	VMP-4-12	11/5/2009	<1.5	U					35			<9	U		130					
		VMP-4-12-082510	8/25/2010	<8.8	U					420			<54	U		1200					
		VMP-4-12-112310	11/23/2010	<9	U					240			<55	U		690					
		VMP-4-12-021411	2/14/2011	<2.3	U					24			<14	U		160					
		VMP-4-12-041911	4/19/2011	<44	U					480			<270	U		1300					
		VMP-4-12-080311	8/3/2011	<5	U					41			<31	U		170					
		VMP-4-12-080311-Dup	8/3/2011	<10	U					36			<62	U		150					
		VMP-4-12-110911	11/9/2011	<1.5	U					1.6			<9.3	U		11					
		VMP-4-12-013012	1/30/2012	<3.1	U					95			<19	U		260					
		VMP-4-12-041812	4/18/2012	<0.007	U					0.0064			<0.043	U		0.011					
		VMP-4-12-072312	7/23/2012	<0.034	U					0.48			<0.21	U		0.2					
		VMP-4-12-101812	10/18/2012	<0.01	U					0.014			<0.065	U		0.0032	J				
		VMP-4-12-101812-Dup	10/18/2012	<0.011	U					0.016			<0.066	U		0.0032	J				
		VMP-4-12-020713	2/7/2013	<0.0094	U					<0.0055	U		<0.057	U		<0.0047	U				
		VMP-4-12-020713-DUP	2/7/2013	<0.0096	U					<0.0056	U		<0.059	U		0.0027	J				
		VMP-4-12-050913	5/9/2013	<0.021	U					0.038			<0.13	U		0.044					

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Hexane, 3,4-dimethyl-			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
													600						3400		
				Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-4	31.5 ft	VMP-3-31.5	11/4/2009				<100	U					<30	U		<25	U		<22	U	
		VMP-3-31.5-090910	9/9/2010				<120	U					<37	U		<31	U		<27	U	
		VMP-3-31.5-112210	11/22/2010				<87	U					<26	U		<22	U		<19	U	
		VMP-3-31.5-020911	2/9/2011				<83	U					<25	U		<21	U		<18	U	
		VMP-3-31.5-041411	4/14/2011				<680	U		52000			<200	U		<170	U		<150	U	
		VMP-3-31.5-041411-DUP	4/14/2011				<680	U		48000			<200	U		<170	U		<150	U	
		VMP-3-31.5-080211	8/2/2011				<1500	U		80000			<460	U		<380	U		<340	U	
		VMP-3-31.5-080211-Dup	8/2/2011				<900	U		120000			<270	U		<220	U		<200	U	
		VMP-3-31.5-110811	11/8/2011				<36	U		3200			<11	U		<9	U		<7.9	U	
		VMP-3-31.5-012712	1/27/2012				<230	U		16000		J	<68	U		<57	U		<50	U	
		VMP-3-31.5-041912	4/19/2012				<390	U		53000			<120	U		<98	U		<86	U	
		VMP-3-31.5-041912-Dup	4/19/2012				<380	U		54000			<110	U		<94	U		<82	U	
		VMP-3-31.5-072312	7/23/2012				<94	U		18000			<28	U		<23	U		<21	U	
		VMP-3-31.5-101912	10/19/2012				<7.5	U		240			<2.3	U		<1.9	U		<1.6	U	
		VMP-3-31.5-020713	2/7/2013				<42	U	UJ	4200			<13	U		<42	U		<9.3	U	
		VMP-3-31.5-060413	6/4/2013				<23	U		2600			<7	U		<5.8	U		<5.1	U	
	39 ft	VMP-3-39	11/4/2009				<200	U					<61	U		<50	U		<44	U	
		VMP-3-39-101912	10/19/2012				<750	U		19000			<230	U		<190	U		<160	U	
		VMP-3-39-021213	2/12/2013				<220	U	UJ	18000			<65	U		<220	U		<48	U	
		VMP-3-39-060413	6/4/2013				<22	U		2700			<6.8	U		<5.6	U		<5	U	
	5 ft	VMP-4-5	11/5/2009				<0.21	U					<0.062	U		<0.052	U		<0.046	U	
		VMP-4-5-082510	8/25/2010				<1.2	U					0.048	J		<0.29	U		<0.26	U	
		VMP-4-5-112210	11/22/2010				<44	U					6.6	J		<11	U		<9.7	U	
		VMP-4-5-021411	2/14/2011				<2.6	U					<0.77	U		<0.64	U		<0.57	U	
		VMP-4-5-041911	4/19/2011				<120	U		11000			<36	U		<30	U		<26	U	
		VMP-4-5-080311	8/3/2011				0.0083	J		19	E	J	0.072	J		<0.064	U		<0.056	U	
		VMP-4-5-110911	11/9/2011				<0.014	U		0.04			0.0021	J		<0.0035	U		<0.0031	U	
		VMP-4-5-013012	1/30/2012				<0.72	U		100		J	<0.22	U		<0.18	U		<0.16	U	
		VMP-4-5-042512	4/25/2012				0.004	J		0.43			0.054			0.22			<0.0039	U	
		VMP-4-5-072512	7/25/2012				0.0053	J		0.027			0.073			0.32			<0.0038	U	
		VMP-4-5-101812	10/18/2012				<0.025	U		0.0051	J		0.025			0.048			<0.0056	U	
		VMP-4-5-020713	2/7/2013				<0.02	U		0.0088	J		<0.0061	U		<0.005	U		<0.0044	U	
		VMP-4-5-050913	5/9/2013				<0.026	U		0.038			<0.0077	U		0.0018	J		<0.0057	U	
	12 ft	VMP-4-12	11/5/2009				<3.4	U					<1	U		<0.86	U		<0.76	U	
		VMP-4-12-082510	8/25/2010				<21	U					3.6	J		<5.2	U		<4.5	U	
		VMP-4-12-112310	11/23/2010				<21	U					<6.3	U		<5.3	U		<4.6	U	
		VMP-4-12-021411	2/14/2011				<5.3	U					<1.6	U		<1.3	U		<1.2	U	
		VMP-4-12-041911	4/19/2011				<100	U		11000			<31	U		<26	U		<22	U	
		VMP-4-12-080311	8/3/2011				<12	U		3100			<3.5	U		<2.9	U		<2.6	U	
		VMP-4-12-080311-Dup	8/3/2011				<24	U		3400			<7.1	U		<5.9	U		<5.2	U	
		VMP-4-12-110911	11/9/2011				<3.6	U		260			<1.1	U		<0.9	U		<0.79	U	
		VMP-4-12-013012	1/30/2012				<7.3	U		980		J	<2.2	U		<1.8	U		<1.6	U	
		VMP-4-12-041812	4/18/2012				<0.016	U		0.011	J		0.07			0.38			<0.0036	U	
		VMP-4-12-072312	7/23/2012				<0.08	U		0.25			0.036			0.13			<0.018	U	
		VMP-4-12-101812	10/18/2012				<0.025	U		0.019			0.0015	J		0.0038	J		<0.0055	U	
		VMP-4-12-101812-Dup	10/18/2012				<0.025	U		0.012	J		0.0014	J		0.0044	J		<0.0056	U	
		VMP-4-12-020713	2/7/2013				<0.022	U		0.044			<0.0066	U		<0.0055	U		<0.0048	U	
		VMP-4-12-020713-DUP	2/7/2013				<0.023	U		0.045			<0.0068	U		<0.0056	U		<0.005	U	
		VMP-4-12-050913	5/9/2013				<0.049	U		0.89			0.012	J		<0.012	U		<0.011	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Pentane, 2,2,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,4-dimethyl-			Pentane, 2-methyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-4	31.5 ft	VMP-3-31.5	11/4/2009																		
		VMP-3-31.5-090910	9/9/2010																		
		VMP-3-31.5-112210	11/22/2010																		
		VMP-3-31.5-020911	2/9/2011																		
		VMP-3-31.5-041411	4/14/2011																		
		VMP-3-31.5-041411-DUP	4/14/2011																		
		VMP-3-31.5-080211	8/2/2011																		
		VMP-3-31.5-080211-Dup	8/2/2011																		
		VMP-3-31.5-110811	11/8/2011																		
		VMP-3-31.5-012712	1/27/2012																		
		VMP-3-31.5-041912	4/19/2012																		
		VMP-3-31.5-041912-Dup	4/19/2012																		
		VMP-3-31.5-072312	7/23/2012																		
		VMP-3-31.5-101912	10/19/2012																		
		VMP-3-31.5-020713	2/7/2013																		
		VMP-3-31.5-060413	6/4/2013																		
	39 ft	VMP-3-39	11/4/2009																		
		VMP-3-39-101912	10/19/2012																		
		VMP-3-39-021213	2/12/2013																		
		VMP-3-39-060413	6/4/2013																		
	5 ft	VMP-4-5	11/5/2009																		
		VMP-4-5-082510	8/25/2010																		
		VMP-4-5-112210	11/22/2010																		
		VMP-4-5-021411	2/14/2011																		
		VMP-4-5-041911	4/19/2011																		
		VMP-4-5-080311	8/3/2011																		
		VMP-4-5-110911	11/9/2011																		
		VMP-4-5-013012	1/30/2012																		
		VMP-4-5-042512	4/25/2012																		
		VMP-4-5-072512	7/25/2012																		
		VMP-4-5-101812	10/18/2012																		
		VMP-4-5-020713	2/7/2013																		
		VMP-4-5-050913	5/9/2013																		
	12 ft	VMP-4-12	11/5/2009																		
		VMP-4-12-082510	8/25/2010																		
		VMP-4-12-112310	11/23/2010																		
		VMP-4-12-021411	2/14/2011																		
		VMP-4-12-041911	4/19/2011																		
		VMP-4-12-080311	8/3/2011																		
		VMP-4-12-080311-Dup	8/3/2011																		
		VMP-4-12-110911	11/9/2011																		
		VMP-4-12-013012	1/30/2012																		
		VMP-4-12-041812	4/18/2012																		
		VMP-4-12-072312	7/23/2012																		
		VMP-4-12-101812	10/18/2012																		
		VMP-4-12-101812-Dup	10/18/2012																		
		VMP-4-12-020713	2/7/2013																		
		VMP-4-12-020713-DUP	2/7/2013																		
		VMP-4-12-050913	5/9/2013																		

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrachloroethene		
										1400						0.55			0.55		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-4	31.5 ft	VMP-3-31.5	11/4/2009	<61	U		<30	U		<26	U		<42	U		<42	U		<42	U	
		VMP-3-31.5-090910	9/9/2010	<75	U		17	J		<32	U		<52	U		<52	U		<52	U	
		VMP-3-31.5-112210	11/22/2010	<52	U		9.8	J		<22	U		<36	U		<36	U		<36	U	
		VMP-3-31.5-020911	2/9/2011	<50	U		<25	U		<22	U		<35	U		<34	U		<34	U	
		VMP-3-31.5-041411	4/14/2011	<410	UJ	UJ	<200	U		<180	U		<280	U		<280	U		<280	U	
		VMP-3-31.5-041411-DUP	4/14/2011	<410	UJ	UJ	<200	U		<180	U		<280	U		<280	U		<280	U	
		VMP-3-31.5-080211	8/2/2011	<920	U		<460	U		<400	U		<640	U		1100			1100		
		VMP-3-31.5-080211-Dup	8/2/2011	<540	U		<270	U		<230	U		<380	U		<370	U		<370	U	
		VMP-3-31.5-110811	11/8/2011	<22	U		<11	U		<9.3	U		<15	U		<15	U		<15	U	
		VMP-3-31.5-012712	1/27/2012	<140	U		<68	U		<59	U		<95	U		<94	U		<94	U	
		VMP-3-31.5-041912	4/19/2012	<230	U		<120	U		<100	U		<160	U		<160	U		<160	U	
		VMP-3-31.5-041912-Dup	4/19/2012	<220	U		<110	U		<98	U		<160	U		<160	U		<160	U	
		VMP-3-31.5-072312	7/23/2012	<56	U		<28	U		<24	U		<39	U		<39	U		<39	U	
		VMP-3-31.5-101912	10/19/2012	<4.5	U		<2.3	U		<2	U		<3.2	U		<3.1	U		<3.1	U	
		VMP-3-31.5-020713	2/7/2013	<25	U		<13	U		<11	U		<18	U		<18	U		<18	U	
		VMP-3-31.5-060413	6/4/2013	<14	U		<7	U		<6	U		<9.7	U		<9.6	U		<9.6	U	
	39 ft	VMP-3-39	11/4/2009	<120	U		<61	U		<53	U		<85	U		<84	U		<84	U	
		VMP-3-39-101912	10/19/2012	<450	U		<230	U		<200	U		<320	U		<310	U		<310	U	
		VMP-3-39-021213	2/12/2013	<130	U		<65	U		<56	U		<91	U		<90	U		<90	U	
		VMP-3-39-060413	6/4/2013	<14	U		<6.8	U		<5.8	U		<9.4	U		<9.3	U		<9.3	U	
	5 ft	VMP-4-5	11/5/2009	<0.12	U		<0.062	U		<0.054	U		<0.087	U		<0.086	U		<0.086	U	
		VMP-4-5-082510	8/25/2010	<0.71	U		0.058	J		<0.31	U		<0.49	U		<0.49	U		<0.49	U	
		VMP-4-5-112210	11/22/2010	<26	U		8.4	J		<11	U		<18	U		<18	U		<18	U	
		VMP-4-5-021411	2/14/2011	<1.5	U		<0.77	U		<0.67	U		<1.1	U		<1.1	U		<1.1	U	
		VMP-4-5-041911	4/19/2011	<71	UJ	UJ	<36	U		<31	U		<50	U		<49	U		<49	U	
		VMP-4-5-080311	8/3/2011	0.044	J		<0.076	U		<0.066	U		<0.11	U		<0.1	U		<0.1	U	
		VMP-4-5-110911	11/9/2011	0.012			0.00081	J		<0.0036	U		<0.0059	U		<0.0058	U		<0.0058	U	
		VMP-4-5-013012	1/30/2012	0.044	J	J	<0.22	U		<0.19	U		<0.3	U		<0.3	U		<0.3	U	
		VMP-4-5-042512	4/25/2012	0.035			<0.0053	J	U	0.0027	J		<0.0074	U		<0.0074	J	U	<0.0074	J	U
		VMP-4-5-072512	7/25/2012	0.11			0.0024	J		0.0051			<0.0073	U		0.0024	J		0.0024	J	
		VMP-4-5-101812	10/18/2012	0.01	J		<0.0076	U		<0.0066	U		<0.011	U		<0.01	U		<0.01	U	
		VMP-4-5-020713	2/7/2013	0.0043	J		<0.0061	J	U	<0.0053	U		<0.0085	U		<0.0084	U		<0.0084	U	
		VMP-4-5-050913	5/9/2013	0.02			<0.0077	U		<0.0067	U		<0.011	U		<0.011	U		<0.011	U	
	12 ft	VMP-4-12	11/5/2009	<2.1	U		<1	U		<0.9	U		<1.4	U		<1.4	U		<1.4	U	
		VMP-4-12-082510	8/25/2010	<12	U		4.2	J		<5.4	U		<8.6	U		<8.5	U		<8.5	U	
		VMP-4-12-112310	11/23/2010	<13	U		<6.3	U		<5.5	U		<8.8	U		<8.8	U		<8.8	U	
		VMP-4-12-021411	2/14/2011	<3.2	U		<1.6	U		<1.4	U		<2.2	U		<2.2	U		<2.2	U	
		VMP-4-12-041911	4/19/2011	<61	UJ	UJ	<31	U		<27	U		<43	U		<42	U		<42	U	
		VMP-4-12-080311	8/3/2011	<7.1	U		<3.5	U		<3.1	U		<4.9	U		<4.9	U		<4.9	U	
		VMP-4-12-080311-Dup	8/3/2011	<14	U		<7.1	U		<6.2	U		<9.9	U		<9.8	U		<9.8	U	
		VMP-4-12-110911	11/9/2011	<2.2	U		<1.1	U		<0.93	U		<1.5	U		<1.5	U		<1.5	U	
		VMP-4-12-013012	1/30/2012	<4.4	U		<2.2	U		<1.9	U		<3.1	U		<3	U		<3	U	
		VMP-4-12-041812	4/18/2012	0.075			0.0011	J		0.0014	J		<0.0069	U		0.011			0.011		
		VMP-4-12-072312	7/23/2012	0.014	J		0.012	J		<0.021	U		<0.033	U		<0.033	U		<0.033	U	
		VMP-4-12-101812	10/18/2012	0.0098	J		0.00085	J		<0.0064	U		<0.01	U		<0.01	U		<0.01	U	
		VMP-4-12-101812-Dup	10/18/2012	0.004	J		0.0011	J		<0.0066	U		<0.011	U		<0.01	U		<0.01	U	
		VMP-4-12-020713	2/7/2013	0.0073	J		<0.0066	J	U	<0.0057	U		<0.0092	U		<0.0091	U		<0.0091	U	
		VMP-4-12-020713-DUP	2/7/2013	0.0054	J		<0.0068	U		<0.0059	U		<0.0095	U		<0.0094	U		<0.0094	U	
		VMP-4-12-050913	5/9/2013	<0.029	U		0.012	J		<0.013	U		<0.02	U		<0.02	U		<0.02	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							6200			11			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-4	31.5 ft	VMP-3-31.5	11/4/2009	<18	U		25			<180	U		<34	U		<34	U		<33	U	
		VMP-3-31.5-090910	9/9/2010	<22	U		17	J		<220	U		<41	U		<41	U		<41	U	
		VMP-3-31.5-112210	11/22/2010	<16	U		19	J		<160	U		<29	U		<29	U		<28	U	
		VMP-3-31.5-020911	2/9/2011	<15	U		40			<150	U		<28	U		<28	U		<27	U	
		VMP-3-31.5-041411	4/14/2011	<120	U		<160	U		<1200	U		<230	U		<230	U		<220	U	
		VMP-3-31.5-041411-DUP	4/14/2011	<120	U		<160	U		<1200	U		<230	U		<230	U		<220	U	
		VMP-3-31.5-080211	8/2/2011	<280	U		<350	U		<2800	U		<510	U		<510	U		<500	U	
		VMP-3-31.5-080211-Dup	8/2/2011	<160	U		<210	U		<1600	U		<300	U		<300	U		<300	U	
		VMP-3-31.5-110811	11/8/2011	<6.4	U		23			<65	U		<12	U		<12	U		<12	U	
		VMP-3-31.5-012712	1/27/2012	<41	U		<52	U		<410	U		<76	U		<76	U		<74	U	
		VMP-3-31.5-041912	4/19/2012	<70	U		<90	U		<710	U		<130	U		<130	U		<130	U	
		VMP-3-31.5-041912-Dup	4/19/2012	<68	U		<86	U		<680	U		<120	U		<120	U		<120	U	
		VMP-3-31.5-072312	7/23/2012	<17	U		<22	U		<170	U		<31	U		<31	U		<31	U	
		VMP-3-31.5-101912	10/19/2012	<1.4	U		0.3	J		<14	U		<2.5	U		<2.5	U		<2.5	U	
		VMP-3-31.5-020713	2/7/2013	<7.6	U		<9.7	U		<76	U		<14	U		<14	U		<14	U	
		VMP-3-31.5-060413	6/4/2013	<4.2	U		<5.3	U		<42	U		<7.7	U		<7.7	U		<7.6	U	
	39 ft	VMP-3-39	11/4/2009	<36	U		<46	U		<370	U		<67	U		<67	U		<66	U	
		VMP-3-39-101912	10/19/2012	<140	U		23	J		<1400	U		<250	U		<250	U		<250	U	
		VMP-3-39-021213	2/12/2013	<39	U		<50	U		<390	U		<72	U		<72	U		<71	U	
		VMP-3-39-060413	6/4/2013	<4	U		<5.2	U		<41	U		<7.5	U		<7.5	U		<7.4	U	
	5 ft	VMP-4-5	11/5/2009	<0.037	U		<0.048	U		<0.38	U	UJ	<0.069	U		<0.069	U		<0.068	U	
		VMP-4-5-082510	8/25/2010	<0.21	U		<0.27	U		<2.1	U		<0.39	U		<0.39	U		<0.39	U	
		VMP-4-5-112210	11/22/2010	<7.9	U		2.8	J		<80	U		<15	U		<15	U		<14	U	
		VMP-4-5-021411	2/14/2011	<0.46	U		0.49	J		<4.7	U		<0.86	U		<0.86	U		<0.85	U	
		VMP-4-5-041911	4/19/2011	<21	U		<27	U		<220	U		<40	U		<40	U		<39	U	
		VMP-4-5-080311	8/3/2011	<0.046	U		0.03	J		<0.46	U		<0.085	U		<0.085	U		<0.084	U	
		VMP-4-5-110911	11/9/2011	0.00057	J		0.0059			<0.025	U		<0.0047	U		<0.0047	U		<0.0046	U	
		VMP-4-5-013012	1/30/2012	<0.13	U		0.059	J	J	<1.3	U		<0.24	U		<0.24	U		<0.24	U	
		VMP-4-5-042512	4/25/2012	<0.0032	U		0.039			<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-4-5-072512	7/25/2012	0.0027	J		0.12			<0.032	U		<0.0058	U		<0.0058	U		<0.0058	U	
		VMP-4-5-101812	10/18/2012	<0.0046	U		0.0062			<0.12	U	UJ	<0.0085	U		<0.0085	U		<0.0084	U	
		VMP-4-5-020713	2/7/2013	<0.0036	U		0.0016	J		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-4-5-050913	5/9/2013	<0.0046	U		0.0018	J		<0.047	J	U	<0.0086	U		<0.0086	U		<0.0084	U	
	12 ft	VMP-4-12	11/5/2009	<0.62	U		<0.8	U		<6.3	U	UJ	<1.2	U		<1.2	U		<1.1	U	
		VMP-4-12-082510	8/25/2010	<3.7	U		<4.7	U		<37	U		<6.9	U		<6.9	U		<6.8	U	
		VMP-4-12-112310	11/23/2010	<3.8	U		<4.9	U		<38	U		<7	U		<7	U		<6.9	U	
		VMP-4-12-021411	2/14/2011	<0.96	U		1.1	J		<9.6	U		<1.8	U		<1.8	U		<1.7	U	
		VMP-4-12-041911	4/19/2011	<18	U		20	J		<180	U		<34	U		<34	U		<34	U	
		VMP-4-12-080311	8/3/2011	<2.1	U		<2.7	U		<21	U		<3.9	U		<3.9	U		<3.9	U	
		VMP-4-12-080311-Dup	8/3/2011	<4.3	U		<5.4	U		<43	U		<7.9	U		<7.9	U		<7.8	U	
		VMP-4-12-110911	11/9/2011	<0.64	U		<0.82	U		<6.5	U		<1.2	U		<1.2	U		<1.2	U	
		VMP-4-12-013012	1/30/2012	<1.3	U		3.2			<13	U		<2.4	U		<2.4	U		<2.4	U	
		VMP-4-12-041812	4/18/2012	<0.003	U		0.049			<0.03	U		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-4-12-072312	7/23/2012	<0.014	U		0.17			<0.14	U		<0.026	U		<0.026	U		<0.026	U	
		VMP-4-12-101812	10/18/2012	<0.0045	U		0.031			<0.11	U	UJ	<0.0083	U		<0.0083	U		<0.0081	U	
		VMP-4-12-101812-Dup	10/18/2012	<0.0046	U		0.033			<0.12	U	UJ	<0.0085	U		<0.0085	U		<0.0084	U	
		VMP-4-12-020713	2/7/2013	<0.004	U		<0.0051	J	U	<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U	
		VMP-4-12-020713-DUP	2/7/2013	<0.0041	U		<0.0052	J	U	<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-4-12-050913	5/9/2013	<0.0088	U		<0.011	U		<0.089	U		<0.016	U		<0.016	U		<0.016	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride		
				860			860												0.29		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-4	31.5 ft	VMP-3-31.5	11/4/2009	<35	U		<35	U		<30	U		<30	U		6800			<16	U	
		VMP-3-31.5-090910	9/9/2010	<43	U		<43	U		38			17	J		8300			<19	U	
		VMP-3-31.5-112210	11/22/2010	<30	U		<30	U		9.8	J		<26	U		8000			<14	U	
		VMP-3-31.5-020911	2/9/2011	<28	U		<28	U		<25	U		<25	U		3200			<13	U	
		VMP-3-31.5-041411	4/14/2011	<230	U		<230	U		<200	U		<200	U		4300			<110	U	
		VMP-3-31.5-041411-DUP	4/14/2011	<230	U		<230	U		<200	U		<200	U		3900			<110	U	
		VMP-3-31.5-080211	8/2/2011	<530	U		<530	U		<460	U		<460	U		9100			<240	U	
		VMP-3-31.5-080211-Dup	8/2/2011	<310	U		<310	U		<270	U		<270	U		13000			<140	U	
		VMP-3-31.5-110811	11/8/2011	<12	U		<12	U		<11	U		<11	U		650			<5.6	U	
		VMP-3-31.5-012712	1/27/2012	<78	U		<78	U		<270	U		<68	U		2900		J	<35	U	
		VMP-3-31.5-041912	4/19/2012	<130	U		<130	U		<120	U		<120	U		9600			<61	U	
		VMP-3-31.5-041912-Dup	4/19/2012	<130	U		<130	U		<110	U		<110	U		9800			<58	U	
		VMP-3-31.5-072312	7/23/2012	<32	U		<32	U		<28	U		<28	U		5300			<15	U	
		VMP-3-31.5-101912	10/19/2012	<2.6	U		<2.6	U		<2.3	U		<2.3	U		39			<1.2	U	
		VMP-3-31.5-020713	2/7/2013	<14	U		<14	U		<13	U		<13	U		1700			<6.6	U	
		VMP-3-31.5-060413	6/4/2013	<8	U		<8	U		3.4	J		<7	U		1700			<3.6	U	
	39 ft	VMP-3-39	11/4/2009	<69	U		<69	U		<61	U		<61	U		7100			<32	U	
		VMP-3-39-101912	10/19/2012	<260	U		<260	U		<230	U		<230	U		4200			<120	U	
		VMP-3-39-021213	2/12/2013	<74	U		<74	U		<65	U		<65	U		5700			<34	U	
		VMP-3-39-060413	6/4/2013	<7.7	U		<7.7	U		<6.8	U		<6.8	U		1800			<3.5	U	
	5 ft	VMP-4-5	11/5/2009	<0.071	U		<0.071	U		<0.062	U		<0.062	U		20			<0.032	U	
		VMP-4-5-082510	8/25/2010	<0.4	U		<0.4	U		0.054	J		<0.35	U		220			<0.18	U	
		VMP-4-5-112210	11/22/2010	<15	U		<15	U		<13	U		<13	U		1800			<6.9	U	
		VMP-4-5-021411	2/14/2011	<0.88	U		<0.88	U		<0.77	U		<0.77	U		260			<0.4	U	
		VMP-4-5-041911	4/19/2011	<41	U		<41	U		<36	U		<36	U		1100			<18	U	
		VMP-4-5-080311	8/3/2011	<0.087	U		<0.087	U		0.016	J		<0.076	U		28			<0.04	U	
		VMP-4-5-110911	11/9/2011	0.00092	J		0.00092	J		<0.0042	J	U	<0.0042	J	U	0.92			<0.0022	U	
		VMP-4-5-013012	1/30/2012	<0.24	U		<0.24	U		<0.22	U		<0.22	U		170		J	<0.11	U	
		VMP-4-5-042512	4/25/2012	0.0014	J		0.0014	J		0.0041	J		<0.0053	J	U	0.47			<0.0028	U	
		VMP-4-5-072512	7/25/2012	0.00096	J		0.00096	J		0.007			0.0028	J		0.02			<0.0027	U	
		VMP-4-5-101812	10/18/2012	<0.0087	U		<0.0087	U		0.0019	J	J	<0.0076	U		0.007	J		<0.004	U	
		VMP-4-5-020713	2/7/2013	0.0012	J		0.0012	J		<0.0061	J	U	<0.0061	U		0.013			<0.0032	U	
		VMP-4-5-050913	5/9/2013	<0.0088	U		<0.0088	U		<0.0077	J	U	<0.0077	U		0.018			<0.004	U	
	12 ft	VMP-4-12	11/5/2009	<1.2	U		<1.2	U		<1	U		<1	U		300			<0.54	U	
		VMP-4-12-082510	8/25/2010	<7.1	U		<7.1	U		1.8	J		1.5	J		1400			<3.2	U	
		VMP-4-12-112310	11/23/2010	<7.2	U		<7.2	U		3.5	J		2.6	J		1300			<3.3	U	
		VMP-4-12-021411	2/14/2011	<1.8	U		<1.8	U		<1.6	U		0.52	J		600			<0.83	U	
		VMP-4-12-041911	4/19/2011	<35	U		<35	U		<31	U		<31	U		1200			<16	U	
		VMP-4-12-080311	8/3/2011	<4	U		<4	U		<3.5	U		<3.5	U		440			<1.8	U	
		VMP-4-12-080311-Dup	8/3/2011	<8.1	U		<8.1	U		<7.1	U		<7.1	U		390			<3.7	U	
		VMP-4-12-110911	11/9/2011	<1.2	U	UJ	<1.2	U	UJ	<1.1	U		<1.1	U		64			<0.56	U	
		VMP-4-12-013012	1/30/2012	<2.5	U		<2.5	U		<2.2	U		<2.2	U		380			<1.1	U	
		VMP-4-12-041812	4/18/2012	<0.0056	U		<0.0056	U		0.0017	J		0.0007	J		0.092			<0.0026	U	
		VMP-4-12-072312	7/23/2012	<0.027	U		<0.027	U		0.029			0.014	J		0.46			<0.012	U	
		VMP-4-12-101812	10/18/2012	<0.0085	U		<0.0085	U		0.0012	J	J	<0.0074	U		0.0064	J		<0.0039	U	
		VMP-4-12-101812-Dup	10/18/2012	<0.0087	U		<0.0087	U		0.004	J	J	0.002	J		0.01			<0.004	U	
		VMP-4-12-020713	2/7/2013	0.0012	J		0.0012	J		0.0073			<0.0066	J	U	0.049			<0.0034	U	
		VMP-4-12-020713-DUP	2/7/2013	0.0019	J		0.0019	J		<0.0068	U		<0.0068	U		0.051			<0.0035	U	
		VMP-4-12-050913	5/9/2013	<0.017	U		<0.017	U		0.014	J		0.0069	J		0.25			<0.0077	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	m,p-Xylenes			o-Xylenes			Isobutane			Isobutane			Pentane		
				130			120											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-4	31.5 ft	VMP-3-31.5	11/4/2009	130			<27	U										
		VMP-3-31.5-090910	9/9/2010	87			26	J										
		VMP-3-31.5-112210	11/22/2010	68			19	J										
		VMP-3-31.5-020911	2/9/2011	54			13	J										
		VMP-3-31.5-041411	4/14/2011	<180	U		<180	U										
		VMP-3-31.5-041411-DUP	4/14/2011	<180	U		<180	U										
		VMP-3-31.5-080211	8/2/2011	<410	U		<410	U										
		VMP-3-31.5-080211-Dup	8/2/2011	<240	U		<240	U										
		VMP-3-31.5-110811	11/8/2011	1.8	J		<9.5	U										
		VMP-3-31.5-012712	1/27/2012	<60	U		<60	U										
		VMP-3-31.5-041912	4/19/2012	<100	U		<100	U										
		VMP-3-31.5-041912-Dup	4/19/2012	<99	U		<99	U										
		VMP-3-31.5-072312	7/23/2012	<25	U		<25	U										
		VMP-3-31.5-101912	10/19/2012	0.22	J		<2	U										
		VMP-3-31.5-020713	2/7/2013	<11	U		<11	U										
		VMP-3-31.5-060413	6/4/2013	8.9			<6.1	U										
	39 ft	VMP-3-39	11/4/2009	110			<54	U										
		VMP-3-39-101912	10/19/2012	84	J		<200	U										
		VMP-3-39-021213	2/12/2013	14	J		<57	U										
		VMP-3-39-060413	6/4/2013	9.2			<6	U										
	5 ft	VMP-4-5	11/5/2009	<0.055	U		<0.055	U										
		VMP-4-5-082510	8/25/2010	<0.31	U		<0.31	U										
		VMP-4-5-112210	11/22/2010	11	J		<12	U										
		VMP-4-5-021411	2/14/2011	0.45	J		<0.68	U										
		VMP-4-5-041911	4/19/2011	<31	U		<31	U										
		VMP-4-5-080311	8/3/2011	0.012	J		<0.068	U										
		VMP-4-5-110911	11/9/2011	0.0025	J		0.0013	J										
		VMP-4-5-013012	1/30/2012	<0.19	U		<0.19	U										
		VMP-4-5-042512	4/25/2012	0.018			0.0059											
		VMP-4-5-072512	7/25/2012	0.043			0.013											
		VMP-4-5-101812	10/18/2012	0.0022	J		<0.0068	U										
		VMP-4-5-020713	2/7/2013	0.0012	J		<0.0054	U										
		VMP-4-5-050913	5/9/2013	0.005	J		<0.0068	U										
	12 ft	VMP-4-12	11/5/2009	1.5			<0.92	U										
		VMP-4-12-082510	8/25/2010	5.6			<5.5	U										
		VMP-4-12-112310	11/23/2010	6.2			<5.6	U										
		VMP-4-12-021411	2/14/2011	2.8			0.72	J										
		VMP-4-12-041911	4/19/2011	51			7.6	J										
		VMP-4-12-080311	8/3/2011	0.77	J		<3.1	U										
		VMP-4-12-080311-Dup	8/3/2011	<6.3	U		<6.3	U										
		VMP-4-12-110911	11/9/2011	<0.95	U		<0.95	U										
		VMP-4-12-013012	1/30/2012	1.6	J		<1.9	U										
		VMP-4-12-041812	4/18/2012	0.011			0.0025	J										
		VMP-4-12-072312	7/23/2012	0.21			0.068											
		VMP-4-12-101812	10/18/2012	0.042			0.008											
		VMP-4-12-101812-Dup	10/18/2012	0.051			0.011											
		VMP-4-12-020713	2/7/2013	<0.0058	U		<0.0058	U										
		VMP-4-12-020713-DUP	2/7/2013	<0.006	U		<0.006	U										
		VMP-4-12-050913	5/9/2013	0.0079	J		0.024											

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene		
				750000			0.37			450000			11			6.9					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-5	23.5 ft	VMP-4-23.5	11/5/2009	<92	U		540			<65	U		<100	U		<38	U		<21	U	
		VMP - 4 - 23.5 - 083110	8/31/2010	<14	U		490		J	<9.7	U		<15	U		<5.6	U		<3.2	U	
		VMP-4-23.5-112310	11/23/2010	<140	U		510			<97	U		<150	U		<56	U		<32	U	
		VMP-4-23.5-021411	2/14/2011	<5	U		340		J	<3.6	U		<5.5	U		<2	U		<1.2	U	
		VMP-4-23.5-042011	4/20/2011	<320	U		440			<220	U		<350	U		<130	U		<74	U	
		VMP-4-23.5-042011-DUP	4/20/2011	58	J		410			<220	U		<350	U		<130	U		<74	U	
		VMP-4-23.5-080611	8/6/2011	<13	U		280			<9.4	U		<14	U		<5.4	U		<3.1	U	
		VMP-4-23.5-110911	11/9/2011	1800		J	89			<28	U		<43	U		<16	U		<9.3	U	
		VMP-4-23.5-013012	1/30/2012	<85	U		570		J	<60	U		<92	U		<35	U		<20	U	
		VMP-4-23.5-013012-DUP	1/30/2012	<59	U		420		J	<42	U		<65	U		<24	U		<14	U	
		VMP-4-23.5-041912	4/19/2012	5.4	J		44			<13	U		<20	U		<7.6	U		<4.3	U	
		VMP-4-23.5-072312	7/23/2012	<8.9	U		56			<6.3	U		<9.7	U		<3.6	U		<2.1	U	
		VMP-4-23.5-101812	10/18/2012	<9.8	U		1.6	J		<6.9	U		<11	U		<4	U		<2.3	U	
		VMP-4-23.5-020713	2/7/2013	<3.1	U		0.28	J		<2.2	U		<3.4	U		<1.3	U		<0.73	U	
		VMP-4-23.5-051513	5/15/2013	<3.7	U		9.9			<2.6	U		<4	U		<1.5	U		<0.86	U	
	39 ft	VMP-4-39	11/5/2009	<71	U		660			<50	U		<77	U		<29	U		<16	U	
		VMP-4-39-042111	4/21/2011	<400	U		470			<280	U		<430	U		<160	U		<93	U	
		VMP-4-39-041912	4/19/2012	<9.5	U		67			<6.7	U		<10	U		<3.9	U		<2.2	U	
		VMP-4-39-072312	7/23/2012	<14	U		50		J	<10	U		<16	U		<5.9	U		<3.3	U	
		VMP-4-39-101812	10/18/2012	<180	U		28	J		<130	U		<200	U		<74	U		<42	U	
		VMP-4-39-101812-Dup	10/18/2012	<160	U		26	J		<120	U		<180	U		<67	U		<38	U	
		VMP-4-39-020713	2/7/2013	<26	U		25			<18	U		<28	U		<10	U		<6	U	
		VMP-4-39-051513	5/15/2013	<14	U		14			<9.7	U		<15	U		<5.6	U		<3.2	U	
	5 ft	VMP-5-5	11/5/2009	<2.1	U		1.5			<1.5	U		<2.3	U		<0.87	U		<0.5	U	
		VMP-5-5-090910	9/9/2010	<25	U		7.6	J		<18	U		<27	U		<10	U		<5.8	U	
		VMP-5-5-112210	11/22/2010	<6.1	U		8.6			<4.3	U		<6.7	U		<2.5	U		<1.4	U	
		VMP-5-5-021611	2/16/2011	<0.039	U		0.024		J	<0.028	U		<0.042	U		<0.016	U		<0.0091	U	
		VMP-5-5-042111	4/21/2011	<0.12	U		0.88			<0.088	U		<0.14	U		<0.051	U		<0.029	U	
		VMP-5-5-080511	8/5/2011	0.084			0.015			<0.0084	U		<0.013	U		<0.0049	U		<0.0028	U	
		VMP-5-5-111111	11/11/2011	0.15			0.03			<0.0062	U		<0.0096	U		<0.0036	U		<0.002	U	
		VMP-5-5-013012	1/30/2012	0.18			9.1			<0.063	U		<0.097	U		<0.036	U		<0.021	U	
		VMP-5-5-041112	4/11/2012	0.04			0.017			<0.0061	U		<0.0094	U		<0.036	U		<0.002	U	
		VMP-5-5-071312	7/13/2012	0.24			0.0028	J		<0.0068	U		<0.01	U		<0.039	U	UJ	<0.0022	U	
		VMP-5-5-101212	10/12/2012	0.047			0.0043			<0.0084	U		<0.013	U		<0.049	U		<0.0028	U	
		VMP-5-5-012513	1/25/2013	0.012	J		0.014			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U	
		VMP-5-5-042913	4/29/2013	0.017	J		0.003	J		<0.0094	U		<0.014	J	U	<0.054	U		<0.0031	U	
	12.5 ft	VMP-5-12.5	11/6/2009	<2.4	U		5.8			<1.7	U		<2.7	U		<1	U		<0.57	U	
		VMP-5-12.5-D	11/6/2009	<5.5	U		6			<3.9	U		<6	U		<2.2	U		<1.3	U	
		VMP-5-12.5-090910	9/9/2010	7.6	J		11			<8.8	U		<14	U		<5.1	U		<2.9	U	
		VMP-5-12.5-112310	11/23/2010	<0.63	U		0.54			<0.44	U		<0.68	U		<0.26	U		<0.15	U	
		VMP-5-12.5-021611	2/16/2011	<1.9	U		<0.63	U		<1.3	U		<2	U		<0.77	U		<0.44	U	
		VMP-5-12.5-042111	4/21/2011	<0.13	U		0.71			<0.094	U		<0.14	U		<0.055	U		<0.031	U	
		VMP-5-12.5-080611	8/6/2011	<12	U		4.6			<8.3	U		<13	U		<4.8	U		<2.7	U	
		VMP-5-12.5-111111	11/11/2011	0.0085			0.0064			<0.0059	U		<0.0091	U		<0.0034	J	U	<0.0019	U	
		VMP-5-12.5-013012	1/30/2012	0.066			2.4			<0.019	U		<0.03	U		<0.011	U		<0.0063	U	
		VMP-5-12.5-041112	4/11/2012	0.026			0.033			<0.0059	U		<0.009	U		<0.034	U		<0.0019	U	
		VMP-5-12.5-071212	7/12/2012	0.048			0.0018	J		<0.0069	U		<0.011	U		<0.04	U		<0.0023	U	
		VMP-5-12.5-101112	10/11/2012	0.02	J		0.015			<0.016	U		<0.025	U		<0.095	U		<0.0054	U	
		VMP-5-12.5-012413	1/24/2013	0.024	J		0.0021	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U	
		VMP-5-12.5-042913	4/29/2013	0.047			0.0031	J		<0.01	U		<0.016	U		<0.061	U		<0.0035	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Butane			Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			2-Butanone			Carbon disulfide		
																6400			780		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-5	23.5 ft	VMP-4-23.5	11/5/2009													<29	U		<30	U	
		VMP - 4 - 23.5 - 083110	8/31/2010													<4.3	U		<4.5	U	
		VMP-4-23.5-112310	11/23/2010													<43	U		<45	U	
		VMP-4-23.5-021411	2/14/2011													<1.6	U		<1.6	U	
		VMP-4-23.5-042011	4/20/2011	72000												<400	U		<100	U	
		VMP-4-23.5-042011-DUP	4/20/2011	70000												<400	U		<100	U	
		VMP-4-23.5-080611	8/6/2011	56000												<16	U		<4.4	U	
		VMP-4-23.5-110911	11/9/2011	25000												<50	U		<52	U	
		VMP-4-23.5-013012	1/30/2012	16000		J										<100	U		<28	U	
		VMP-4-23.5-013012-DUP	1/30/2012	15000												<74	U		<19	U	
		VMP-4-23.5-041912	4/19/2012	1500												<23	U		2	J	
		VMP-4-23.5-072312	7/23/2012	770												<11	U		<2.9	U	
		VMP-4-23.5-101812	10/18/2012	150												<12	U		<3.2	U	
		VMP-4-23.5-020713	2/7/2013	150												<3.9	U		<1	U	
		VMP-4-23.5-051513	5/15/2013	320												<4.6	U		<1.2	U	
	39 ft	VMP-4-39	11/5/2009													<22	U		<23	U	
		VMP-4-39-042111	4/21/2011	69000												<500	U		<130	U	
		VMP-4-39-041912	4/19/2012	3900												<12	U		<3.1	U	
		VMP-4-39-072312	7/23/2012	1800		J										<18	U		<4.7	U	
		VMP-4-39-101812	10/18/2012	3900												<220	U		<59	U	
		VMP-4-39-101812-Dup	10/18/2012	3900												<200	U		<54	U	
		VMP-4-39-020713	2/7/2013	2500												<32	U		3.2	J	
		VMP-4-39-051513	5/15/2013	1400												<17	U		0.81	J	
	5 ft	VMP-5-5	11/5/2009													<0.66	U		<0.7	U	
		VMP-5-5-090910	9/9/2010													<7.8	U		<8.2	U	
		VMP-5-5-112210	11/22/2010													<1.9	U		<2	U	
		VMP-5-5-021611	2/16/2011													<0.012	U		0.0081	J	J
		VMP-5-5-042111	4/21/2011	0.064	J											<0.16	U		<0.041	U	
		VMP-5-5-080511	8/5/2011	0.86												0.028			0.0037	J	
		VMP-5-5-111111	11/11/2011	0.05												0.0024	J		0.0024	J	
		VMP-5-5-013012	1/30/2012	2.4												0.076	J		0.12		
		VMP-5-5-041112	4/11/2012	<0.0087	U											0.051			0.002	J	J
		VMP-5-5-071312	7/13/2012	<0.0096	U											0.016			<0.013	J	U
		VMP-5-5-101212	10/12/2012	0.0047	J											0.0032	J		<0.016	U	
		VMP-5-5-012513	1/25/2013	<0.012	U											<0.016	U		<0.016	U	
		VMP-5-5-042913	4/29/2013	<0.013	U											0.0037	J		<0.018	J	U
	12.5 ft	VMP-5-12.5	11/6/2009													<0.76	U		<0.8	U	
		VMP-5-12.5-D	11/6/2009													<1.7	U		<1.8	U	
		VMP-5-12.5-090910	9/9/2010													<3.9	U		<4.1	U	
		VMP-5-12.5-112310	11/23/2010													<0.19	U		<0.2	U	
		VMP-5-12.5-021611	2/16/2011													<0.58	U		<0.62	U	
		VMP-5-12.5-042111	4/21/2011	0.11	J											<0.17	U		<0.044	U	
		VMP-5-12.5-080611	8/6/2011	7600												<15	U		<3.9	U	
		VMP-5-12.5-111111	11/11/2011	0.0035	J											0.0022	J		0.0023	J	
		VMP-5-12.5-013012	1/30/2012	0.8												0.054			<0.036	J	U
		VMP-5-12.5-041112	4/11/2012	<0.0083	U											0.035			<0.011	U	
		VMP-5-12.5-071212	7/12/2012	<0.0098	U											0.004	J		<0.013	U	
		VMP-5-12.5-101112	10/11/2012	<0.023	U											<0.029	U		<0.03	J	U
		VMP-5-12.5-012413	1/24/2013	<0.012	U											<0.015	U		<0.016	U	
		VMP-5-12.5-042913	4/29/2013	0.083												0.01	J		<0.02	J	U

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane		
				0.21			69			57000						0.11					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-5	23.5 ft	VMP-4-23.5	11/5/2009	<61	U		<45	U		<83	U		<26	U		<47	U		<80	U	
		VMP - 4 - 23.5 - 083110	8/31/2010	<9.1	U		<6.6	U		<12	U		<3.8	U		<7	U		<12	U	
		VMP-4-23.5-112310	11/23/2010	<92	U		<67	U		<120	U		<38	U		<71	U		<120	U	
		VMP-4-23.5-021411	2/14/2011	<3.3	U		<2.4	U		<4.5	U		<1.4	U		<2.6	U		<4.4	U	
		VMP-4-23.5-042011	4/20/2011	<210	U		<160	U		<290	U		<360	U		<160	U		<280	U	
		VMP-4-23.5-042011-DUP	4/20/2011	<210	U		<160	U		<290	U		<360	U		<160	U		<280	U	
		VMP-4-23.5-080611	8/6/2011	<8.8	U		<6.5	U		<12	U		<15	U		<6.9	U		<12	U	
		VMP-4-23.5-110911	11/9/2011	<26	U		<19	U		<36	U		<44	U		<20	U		<35	U	
		VMP-4-23.5-013012	1/30/2012	<56	U		<41	U		<76	U		<94	U		<44	U		<74	U	
		VMP-4-23.5-013012-DUP	1/30/2012	<39	U		<29	U		<53	U		<66	U		<30	U		<52	U	
		VMP-4-23.5-041912	4/19/2012	<12	U		<9	U		<17	U		<21	U		<9.6	U		<16	U	
		VMP-4-23.5-072312	7/23/2012	<5.9	U		<4.3	U		<8	U		<9.9	U		<4.6	U		<7.8	U	
		VMP-4-23.5-101812	10/18/2012	<6.5	U		<4.7	U		<8.8	U		<11	U		<5	U		<8.5	U	
		VMP-4-23.5-020713	2/7/2013	<2.1	U		<1.5	U		<2.8	U		<3.5	U		<1.6	U		<2.7	U	
		VMP-4-23.5-051513	5/15/2013	<2.4	U		<1.8	U		<3.3	U		<4.1	U		<1.9	U		<3.2	U	
	39 ft	VMP-4-39	11/5/2009	<47	U		<34	U		<63	U		<20	U		<36	U		<62	U	
		VMP-4-39-042111	4/21/2011	<260	U		<190	U		<360	U		<440	U		<200	U		<350	U	
		VMP-4-39-041912	4/19/2012	<6.3	U		<4.6	U		<8.6	U		<11	U		<4.9	U		<8.3	U	
		VMP-4-39-072312	7/23/2012	<9.5	U		<7	U		<13	U		<16	U		<7.4	U		<12	U	
		VMP-4-39-101812	10/18/2012	<120	U		<87	U		<160	U		<200	U		<92	U		<160	U	
		VMP-4-39-101812-Dup	10/18/2012	<110	U		<79	U		<150	U		<180	U		<84	U		<140	U	
		VMP-4-39-020713	2/7/2013	<17	U		<12	U		<23	U		<28	U		<13	U		<22	U	
		VMP-4-39-051513	5/15/2013	<9.2	U		<6.7	U		<12	U		<15	U		<7.1	U		<12	U	
VMP-5	5 ft	VMP-5-5	11/5/2009	<1.4	U		<1	U		<1.9	U		<0.59	U		<1.1	U		<1.8	U	
		VMP-5-5-090910	9/9/2010	<17	U		<12	U		<22	U		<7	U		<13	U		<22	U	
		VMP-5-5-112210	11/22/2010	<4	U		<3	U		<5.5	U		<1.7	U		<3.1	U		<5.3	U	
		VMP-5-5-021611	2/16/2011	<0.026	U		<0.019	U		<0.035	U		<0.011	U		<0.02	U		<0.034	U	
		VMP-5-5-042111	4/21/2011	<0.083	U		<0.061	U		<0.11	U		<0.14	U		<0.064	U		<0.11	U	
		VMP-5-5-080511	8/5/2011	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0015	J		<0.01	U	
		VMP-5-5-111111	11/11/2011	<0.0058	U		<0.0043	U		<0.0079	U		<0.0098	U		<0.0045	U		<0.0077	U	
		VMP-5-5-013012	1/30/2012	<0.059	U		0.014	J		<0.08	U		<0.099	U		<0.046	U		<0.077	U	
		VMP-5-5-041112	4/11/2012	0.00094	J		<0.0042	U		<0.0078	U		<0.0096	U		0.0024	J		<0.019	U	
		VMP-5-5-071312	7/13/2012	<0.0064	U		<0.0047	J	U	<0.0086	U		<0.011	U		<0.005	J	U	<0.021	U	
		VMP-5-5-101212	10/12/2012	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U	
		VMP-5-5-012513	1/25/2013	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U	
		VMP-5-5-042913	4/29/2013	<0.0088	U		<0.0065	J	U	<0.012	J	U	<0.015	U		<0.0069	U		<0.029	U	
	12.5 ft	VMP-5-12.5	11/6/2009	<1.6	U		<1.2	U		<2.2	U		<0.68	U		<1.2	U		<2.1	U	
		VMP-5-12.5-D	11/6/2009	<3.6	U		<2.7	U		<4.9	U		<1.5	U		<2.8	U		<4.8	U	
		VMP-5-12.5-090910	9/9/2010	<8.3	U		<6.1	U		<11	U		<3.5	U		<6.4	U		<11	U	
		VMP-5-12.5-112310	11/23/2010	<0.42	U		<0.3	U		<0.56	U		<0.17	U		<0.32	U		<0.54	U	
		VMP-5-12.5-021611	2/16/2011	<1.2	U		<0.91	U		<1.7	U		<0.52	U		<0.97	U		<1.6	U	
		VMP-5-12.5-042111	4/21/2011	<0.089	U		<0.065	U		<0.12	U		<0.15	U		<0.069	U		<0.12	U	
		VMP-5-12.5-080611	8/6/2011	<7.8	U		<5.7	U		<10	U		<13	U		<6	U		<10	U	
		VMP-5-12.5-111111	11/11/2011	<0.0055	U		<0.004	U		<0.0075	U		<0.0093	U		0.021			<0.0073	U	
		VMP-5-12.5-013012	1/30/2012	<0.018	U		<0.013	J	U	<0.024	U		<0.03	U		0.012	J		<0.024	U	
		VMP-5-12.5-041112	4/11/2012	<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		<0.018	U	
		VMP-5-12.5-071212	7/12/2012	<0.0065	U		<0.0047	U		<0.0088	U		<0.011	U		0.0015	J		<0.021	U	
		VMP-5-12.5-101112	10/11/2012	<0.015	U		<0.011	U		<0.021	U		<0.026	U		<0.012	U		<0.05	U	
		VMP-5-12.5-012413	1/24/2013	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U	
		VMP-5-12.5-042913	4/29/2013	<0.0099	U		<0.0072	J	U	<0.013	U		<0.017	U		<0.0077	J	U	0.0052	J	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	alpha-Chlorotoluene			Cyclobutane, ethyl-			Cyclohexane			Cyclopentane, methyl-			1,2-Dibromoethane			1,2-Dichlorobenzene		
																0.011			290		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-5	23.5 ft	VMP-4-23.5	11/5/2009	<50	U					2500						<74	U		<58	U	
		VMP - 4 - 23.5 - 083110	8/31/2010	<7.5	U					3000		J				<11	U		<8.7	U	
		VMP-4-23.5-112310	11/23/2010	<75	U					2900						<110	U		<87	U	
		VMP-4-23.5-021411	2/14/2011	<2.7	U					1700		J				<4.1	U		<3.2	U	
		VMP-4-23.5-042011	4/20/2011	<170	U					2600						<260	U		<200	U	
		VMP-4-23.5-042011-DUP	4/20/2011	<170	U					2400						<260	U		<200	U	
		VMP-4-23.5-080611	8/6/2011	<7.3	U					1900						<11	U		<8.4	U	
		VMP-4-23.5-110911	11/9/2011	<22	U					940						<32	U		<25	U	
		VMP-4-23.5-013012	1/30/2012	<46	U					3400		J				<69	U		<54	U	
		VMP-4-23.5-013012-DUP	1/30/2012	<32	U					2500		J				<48	U		<38	U	
		VMP-4-23.5-041912	4/19/2012	<10	U					1500						<15	U		<12	U	
		VMP-4-23.5-072312	7/23/2012	<4.9	U					540						<7.2	U		<5.6	U	
		VMP-4-23.5-101812	10/18/2012	<5.3	U					52						<7.9	U		<6.2	U	
		VMP-4-23.5-020713	2/7/2013	<1.7	U					<1.1	U					<2.5	U		<2	U	
		VMP-4-23.5-051513	5/15/2013	<2	U					250						<3	U		<2.3	U	
	39 ft	VMP-4-39	11/5/2009	<38	U					2400						<57	U		<45	U	
		VMP-4-39-042111	4/21/2011	<220	U					2400						<320	U		<250	U	
		VMP-4-39-041912	4/19/2012	<5.2	U					2300						<7.7	U		<6	U	
		VMP-4-39-072312	7/23/2012	<7.8	U					1400		J				<12	U		<9.1	U	
		VMP-4-39-101812	10/18/2012	<98	U					710						<140	U		<110	U	
		VMP-4-39-101812-Dup	10/18/2012	<89	U					670						<130	U		<100	U	
		VMP-4-39-020713	2/7/2013	<14	U					<9.2	U					<21	U		<16	U	
		VMP-4-39-051513	5/15/2013	<7.5	U					500						<11	U		<8.7	U	
	5 ft	VMP-5-5	11/5/2009	<1.2	U					78						<1.7	U		<1.3	U	
		VMP-5-5-090910	9/9/2010	<14	U					400						<20	U		<16	U	
		VMP-5-5-112210	11/22/2010	<3.3	U					450						<5	U		<3.9	U	
		VMP-5-5-021611	2/16/2011	<0.021	U					4.4						<0.032	U		<0.025	U	
		VMP-5-5-042111	4/21/2011	<0.068	U					0.033	J					<0.1	U		<0.079	U	
		VMP-5-5-080511	8/5/2011	<0.0065	U					0.035						<0.0097	U		<0.0076	U	
		VMP-5-5-111111	11/11/2011	<0.0048	U					0.25						<0.0071	U		<0.0056	U	
		VMP-5-5-013012	1/30/2012	<0.048	U					0.44						0.0073	J		<0.056	U	
		VMP-5-5-041112	4/11/2012	<0.0047	U					0.0012	J					<0.007	U		<0.0055	U	
		VMP-5-5-071312	7/13/2012	<0.0052	U					<0.0035	J	U				<0.0078	U		<0.0061	U	
		VMP-5-5-101212	10/12/2012	<0.0065	U					<0.0043	U					<0.0097	U		<0.0076	U	
		VMP-5-5-012513	1/25/2013	<0.0068	U					<0.0045	U					<0.01	U		<0.0079	U	
		VMP-5-5-042913	4/29/2013	<0.0073	J	U				<0.0048	U					<0.011	J	U	<0.0084	J	U
	12.5 ft	VMP-5-12.5	11/6/2009	<1.3	U					240						<2	U		<1.6	U	
		VMP-5-12.5-D	11/6/2009	<3	U					240						<4.4	U		<3.5	U	
		VMP-5-12.5-090910	9/9/2010	<6.8	U					360						<10	U		<7.9	U	
		VMP-5-12.5-112310	11/23/2010	<0.34	U					14						<0.51	U		<0.4	U	
		VMP-5-12.5-021611	2/16/2011	<1	U					36						<1.5	U		<1.2	U	
		VMP-5-12.5-042111	4/21/2011	<0.073	U					0.023	J					<0.11	U		<0.085	U	
		VMP-5-12.5-080611	8/6/2011	<6.4	U					180						<9.5	U		<7.4	U	
		VMP-5-12.5-111111	11/11/2011	<0.0046	U					0.0019	J					<0.0068	U		<0.0053	U	
		VMP-5-12.5-013012	1/30/2012	<0.015	U					0.14						<0.022	U		<0.017	U	
		VMP-5-12.5-041112	4/11/2012	<0.0045	U					0.0022	J					<0.0067	U		<0.0053	U	
		VMP-5-12.5-071212	7/12/2012	<0.0053	U	UJ				<0.0035	U					<0.0079	U		<0.0062	U	
		VMP-5-12.5-101112	10/11/2012	<0.013	U					<0.0084	U					<0.019	U		<0.015	U	
		VMP-5-12.5-012413	1/24/2013	<0.0067	U					<0.0044	U					<0.0099	U		<0.0078	U	
		VMP-5-12.5-042913	4/29/2013	<0.0082	J	U				0.0086						<0.012	J	U	<0.0095	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
							1200						690			0.099			240		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-5	23.5 ft	VMP-4-23.5	11/5/2009	<58	U		<58	U		<48	U		<39	U		<39	U		<38	U	
		VMP - 4 - 23.5 - 083110	8/31/2010	<8.7	U		<8.7	U		<7.1	U		<5.8	U		<5.8	U		<5.7	U	
		VMP-4-23.5-112310	11/23/2010	<87	U		<87	U		<72	U		<59	U		<59	U		<58	U	
		VMP-4-23.5-021411	2/14/2011	<3.2	U		<3.2	U		<2.6	U		<2.1	U		<2.1	U		<2.1	U	
		VMP-4-23.5-042011	4/20/2011	<200	U		<200	U		<170	U		<140	U		<140	U		<130	U	
		VMP-4-23.5-042011-DUP	4/20/2011	<200	U		<200	U		<170	U		<140	U		<140	U		<130	U	
		VMP-4-23.5-080611	8/6/2011	<8.4	U		<8.4	U		<6.9	U		<5.7	U		<5.7	U		<5.6	U	
		VMP-4-23.5-110911	11/9/2011	<25	U		<25	U		<21	U		<17	U		13	J		<17	U	
		VMP-4-23.5-013012	1/30/2012	<54	U		<54	U		<44	U		<36	U		<36	U		<35	U	
		VMP-4-23.5-013012-DUP	1/30/2012	<38	U		<38	U		<31	U		<25	U		<25	U		<25	U	
		VMP-4-23.5-041912	4/19/2012	<12	U		<12	U		<9.7	U		<7.9	U		<7.9	U		<7.8	U	
		VMP-4-23.5-072312	7/23/2012	<5.6	U		<5.6	U		<4.6	U		<3.8	U		<3.8	U		<3.7	U	
		VMP-4-23.5-101812	10/18/2012	<6.2	U		<6.2	U		<5.1	U		<4.2	U		<4.2	U		<4.1	U	
		VMP-4-23.5-020713	2/7/2013	<2	U		<2	U		<1.6	U		<1.3	U		<1.3	U		<1.3	U	
		VMP-4-23.5-051513	5/15/2013	<2.3	U		<2.3	U		<1.9	U		<1.6	U		<1.6	U		<1.5	U	
	39 ft	VMP-4-39	11/5/2009	<45	U		<45	U		<37	U		<30	U		<30	U		<30	U	
		VMP-4-39-042111	4/21/2011	<250	U		<250	U		<210	U		<170	U		<170	U		<170	U	
		VMP-4-39-041912	4/19/2012	<6	U		<6	U		<5	U		<4.1	U		<4.1	U		<4	U	
		VMP-4-39-072312	7/23/2012	<9.1	U		<9.1	U		<7.5	U		<6.1	U		<6.1	U		<6	U	
		VMP-4-39-101812	10/18/2012	<110	U		<110	U		<94	U		<77	U		<77	U		<75	U	
		VMP-4-39-101812-Dup	10/18/2012	<100	U		<100	U		<85	U		<70	U		<70	U		<68	U	
		VMP-4-39-020713	2/7/2013	<16	U		<16	U		<13	U		<11	U		<11	U		<11	U	
		VMP-4-39-051513	5/15/2013	<8.7	U		<8.7	U		<7.2	U		<5.9	U		<5.9	U		<5.8	U	
VMP-5	5 ft	VMP-5-5	11/5/2009	<1.3	U		<1.3	U		<1.1	U		<0.91	U		<0.91	U		<0.89	U	
		VMP-5-5-090910	9/9/2010	<16	U		<16	U		<13	U		<11	U		<11	U		<10	U	
		VMP-5-5-112210	11/22/2010	<3.9	U		<3.9	U		<3.2	U		<2.6	U		<2.6	U		<2.6	U	
		VMP-5-5-021611	2/16/2011	<0.025	U		<0.025	U		<0.02	U		<0.017	U		<0.017	U		<0.016	U	
		VMP-5-5-042111	4/21/2011	<0.079	U		<0.079	U		<0.065	U		<0.053	U		<0.053	U		<0.052	U	
		VMP-5-5-080511	8/5/2011	<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-5-5-111111	11/11/2011	<0.0056	U		<0.0056	U		0.0015	J		<0.0038	U		<0.0038	U		<0.0037	U	
		VMP-5-5-013012	1/30/2012	<0.056	U		<0.056	U		<0.046	U		<0.038	U		<0.038	U		<0.037	U	
		VMP-5-5-041112	4/11/2012	0.00098	J		0.0021	J		0.0024	J		<0.0037	U		<0.0037	U		<0.0036	U	
		VMP-5-5-071312	7/13/2012	<0.0061	J	U	<0.0061	J	U	0.0024	J		<0.0041	U		<0.0041	U		<0.004	U	
		VMP-5-5-101212	10/12/2012	<0.0076	U		<0.0076	J	U	0.0025	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-5-5-012513	1/25/2013	<0.0079	U		<0.0079	U		0.0018	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-5-5-042913	4/29/2013	<0.0084	J	U	<0.0084	J	U	0.0025	J		<0.0057	U		<0.0057	J	U	<0.0056	U	
	12.5 ft	VMP-5-12.5	11/6/2009	<1.6	U		<1.6	U		<1.3	U		<1	U		<1	U		<1	U	
		VMP-5-12.5-D	11/6/2009	<3.5	U		<3.5	U		<2.9	U		<2.3	U		<2.3	U		<2.3	U	
		VMP-5-12.5-090910	9/9/2010	<7.9	U		<7.9	U		<6.5	U		<5.3	U		<5.3	U		<5.2	U	
		VMP-5-12.5-112310	11/23/2010	<0.4	U		<0.4	U		<0.33	U		<0.27	U		<0.27	U		<0.26	U	
		VMP-5-12.5-021611	2/16/2011	<1.2	U		<1.2	U		<0.98	U		<0.8	U		<0.8	U		<0.79	U	
		VMP-5-12.5-042111	4/21/2011	<0.085	U		<0.085	U		<0.07	U		<0.057	U		<0.057	U		<0.056	U	
		VMP-5-12.5-080611	8/6/2011	<7.4	U		<7.4	U		<6.1	U		<5	U		<5	U		<4.9	U	
		VMP-5-12.5-111111	11/11/2011	<0.0053	U		<0.0053	U		0.0017	J		<0.0036	U		<0.0036	U		<0.0035	U	
		VMP-5-12.5-013012	1/30/2012	<0.017	U		<0.017	U		<0.014	U		<0.012	U		<0.012	U		<0.011	U	
		VMP-5-12.5-041112	4/11/2012	0.0011	J		0.0016	J		0.0027	J		<0.0035	U		0.00075	J		<0.0035	U	
		VMP-5-12.5-071212	7/12/2012	<0.0062	U		<0.0062	U		0.0022	J		<0.0042	U		<0.0042	U		<0.0041	U	
		VMP-5-12.5-101112	10/11/2012	<0.015	U		<0.015	U		0.0022	J		<0.0099	U		<0.0099	U		<0.0097	U	
		VMP-5-12.5-012413	1/24/2013	<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-5-12.5-042913	4/29/2013	<0.0095	J	U	<0.0095	J	U	0.0027	J		<0.0064	U		<0.0064	J	U	<0.0062	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene		
				1100000			85			5.6			0.062			0.9			0.9		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-5	23.5 ft	VMP-4-23.5	11/5/2009	<38	U		<38	U		<34	U		<45	U		<44	U		<44	U	
		VMP - 4 - 23.5 - 083110	8/31/2010	<5.7	U		<5.7	U		<5	U		<6.7	U		<6.6	U		<6.6	U	
		VMP-4-23.5-112310	11/23/2010	<58	U		<58	U		<50	U		<67	U		<66	U		<66	U	
		VMP-4-23.5-021411	2/14/2011	<2.1	U		<2.1	U		<1.8	U		<2.4	U		<2.4	U		<2.4	U	
		VMP-4-23.5-042011	4/20/2011	<130	U		<130	U		<120	U		<160	U		<150	U		<150	U	
		VMP-4-23.5-042011-DUP	4/20/2011	<130	U		<130	U		53	J		<160	U		<150	U		<150	U	
		VMP-4-23.5-080611	8/6/2011	<5.6	U		<5.6	U		<4.9	U		<6.5	U		<6.4	U		<6.4	U	
		VMP-4-23.5-110911	11/9/2011	<17	U		<17	U		<14	U		<19	U		<19	U		<19	U	
		VMP-4-23.5-013012	1/30/2012	<35	U		<35	U		<31	U		<41	U		<41	U		<41	U	
		VMP-4-23.5-013012-DUP	1/30/2012	<25	U		<25	U		<22	U		<29	U		<28	U		<28	U	
		VMP-4-23.5-041912	4/19/2012	<7.8	U		<7.8	U		<6.8	U		<9	U		<8.9	U		<8.9	U	
		VMP-4-23.5-072312	7/23/2012	<3.7	U		<3.7	U		<3.3	U		<4.3	U		<4.3	U		<4.3	U	
		VMP-4-23.5-101812	10/18/2012	<4.1	U		<4.1	U		<3.6	U		<4.8	U		<4.7	U		<4.7	U	
		VMP-4-23.5-020713	2/7/2013	<1.3	U		<1.3	U		<1.1	U		<1.5	U		<1.5	U		<1.5	U	
		VMP-4-23.5-051513	5/15/2013	<1.5	U		<1.5	U		<1.4	U		<1.8	U		<1.8	U		<1.8	U	
	39 ft	VMP-4-39	11/5/2009	<30	U		<30	U		<26	U		<34	U		<34	U		<34	U	
		VMP-4-39-042111	4/21/2011	<170	U		<170	U		<140	U		<190	U		<190	U		<190	U	
		VMP-4-39-041912	4/19/2012	<4	U		<4	U		<3.5	U		<4.6	U		<4.6	U		<4.6	U	
		VMP-4-39-072312	7/23/2012	<6	U		<6	U		<5.2	U		<7	U		<6.8	U		<6.8	U	
		VMP-4-39-101812	10/18/2012	<75	U		<75	U		<66	U		<88	U		<86	U		<86	U	
		VMP-4-39-101812-Dup	10/18/2012	<68	U		<68	U		<60	U		<80	U		<78	U		<78	U	
		VMP-4-39-020713	2/7/2013	<11	U		<11	U		<9.3	U		<12	U		<12	U		<12	U	
		VMP-4-39-051513	5/15/2013	<5.8	U		<5.8	U		<5	U		<6.7	U		<6.6	U		<6.6	U	
VMP-5	5 ft	VMP-5-5	11/5/2009	<0.89	U		<0.89	U		<0.78	U		<1	U		<1	U		<1	U	
		VMP-5-5-090910	9/9/2010	<10	U		<10	U		<9.2	U		<12	U		<12	U		<12	U	
		VMP-5-5-112210	11/22/2010	<2.6	U		<2.6	U		<2.2	U		<3	U		<2.9	U		<2.9	U	
		VMP-5-5-021611	2/16/2011	<0.016	U		<0.016	U		<0.014	U		<0.019	U		<0.019	U		<0.019	U	
		VMP-5-5-042111	4/21/2011	<0.052	U		<0.052	U		<0.046	U		<0.061	U		<0.06	U		<0.06	U	
		VMP-5-5-080511	8/5/2011	<0.005	U		<0.005	U		0.0075			<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-5-5-111111	11/11/2011	<0.0037	U		<0.0037	U		0.0023	J		<0.0043	U		<0.0042	U		<0.0042	U	
		VMP-5-5-013012	1/30/2012	<0.037	U		<0.037	U		0.042			<0.043	U		<0.042	U		<0.042	U	
		VMP-5-5-041112	4/11/2012	<0.0036	U		<0.0036	U		0.0011	J		0.0014	J		<0.0042	U		<0.0042	U	
		VMP-5-5-071312	7/13/2012	<0.004	U		<0.004	U		<0.035	J	U	<0.0047	U		<0.0046	U		<0.0046	J	U
		VMP-5-5-101212	10/12/2012	<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-5-5-012513	1/25/2013	<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U	
		VMP-5-5-042913	4/29/2013	<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	J	U	<0.0064	J	U
	12.5 ft	VMP-5-12.5	11/6/2009	<1	U		<1	U		<0.9	U		<1.2	U		<1.2	U		<1.2	U	
		VMP-5-12.5-D	11/6/2009	<2.3	U		<2.3	U		<2	U		<2.7	U		<2.6	U		<2.6	U	
		VMP-5-12.5-090910	9/9/2010	<5.2	U		<5.2	U		<4.6	U		<6.1	U		<6	U		<6	U	
		VMP-5-12.5-112310	11/23/2010	<0.26	U		<0.26	U		<0.23	U		<0.3	U		<0.3	U		<0.3	U	
		VMP-5-12.5-021611	2/16/2011	<0.79	U		<0.79	U		<0.69	U		<0.92	U		<0.9	U		<0.9	U	
		VMP-5-12.5-042111	4/21/2011	<0.056	U		<0.056	U		<0.049	U		<0.065	U		<0.064	U		<0.064	U	
		VMP-5-12.5-080611	8/6/2011	<4.9	U		<4.9	U		<4.3	U		<5.7	U		<5.6	U		<5.6	U	
		VMP-5-12.5-111111	11/11/2011	0.0012	J		<0.0035	U		0.0024	J		<0.0041	U		<0.004	U		<0.004	U	
		VMP-5-12.5-013012	1/30/2012	<0.011	U		<0.011	U		<0.01	U		<0.013	U		<0.013	U		<0.013	U	
		VMP-5-12.5-041112	4/11/2012	<0.0035	U		<0.0035	U		<0.03	U		0.00088	J		<0.004	U		<0.004	U	
		VMP-5-12.5-071212	7/12/2012	<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U	
		VMP-5-12.5-101112	10/11/2012	<0.0097	U		<0.0097	U		0.0047	J		<0.011	U		<0.011	U		<0.011	U	
		VMP-5-12.5-012413	1/24/2013	<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U	
		VMP-5-12.5-042913	4/29/2013	<0.0062	U		<0.0062	J	U	<0.055	J	U	<0.0073	U		<0.0071	U		<0.0071	J	U

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 113		
				0.22						1400											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-5	23.5 ft	VMP-4-23.5	11/5/2009	<140	U		<73	U		720			110			<74	U		<74	U	
		VMP - 4 - 23.5 - 083110	8/31/2010	<21	U		<11	U		960		J	230		J	<11	U		<11	U	
		VMP-4-23.5-112310	11/23/2010	<210	U		<110	U		630			58	J		<110	U		<110	U	
		VMP-4-23.5-021411	2/14/2011	<7.6	U		<4	U		93		J	1.2	J	J	<4.1	U		<4.1	U	
		VMP-4-23.5-042011	4/20/2011	<480	U		65	J		530			69	J		<260	U		<260	U	
		VMP-4-23.5-042011-DUP	4/20/2011	<480	U		<250	U		490			69	J		<260	U		<260	U	
		VMP-4-23.5-080611	8/6/2011	<20	U		<10	U		180			21			<11	U		<11	U	
		VMP-4-23.5-110911	11/9/2011	<60	U		<32	U		4	J		<21	U		<32	U		<32	U	
		VMP-4-23.5-013012	1/30/2012	<130	U		<67	U		140		J	<44	U		<68	U		<68	U	
		VMP-4-23.5-013012-DUP	1/30/2012	<90	U		<47	U		52		J	<31	U		<48	U		<48	U	
		VMP-4-23.5-041912	4/19/2012	<28	U		<15	U		16			<9.6	U		<15	U		<15	U	
		VMP-4-23.5-072312	7/23/2012	<14	U		<7.1	U		110			15			<7.2	U		<7.2	U	
		VMP-4-23.5-101812	10/18/2012	<15	U		<7.8	U		3.9	J		<5.1	U		<7.9	U		<7.9	U	
		VMP-4-23.5-020713	2/7/2013	<4.8	U		<2.5	U		<1.4	U		<1.6	U		<2.5	U		<2.5	U	
		VMP-4-23.5-051513	5/15/2013	<5.6	U		<2.9	U		48			120			<3	U		<3	U	
	39 ft	VMP-4-39	11/5/2009	<110	U		<56	U		620			120			<57	U		<57	U	
		VMP-4-39-042111	4/21/2011	<600	U		<320	U		420			51	J		<320	U		<320	U	
		VMP-4-39-041912	4/19/2012	<14	U		<7.6	U		120			12			<7.7	U		<7.7	U	
		VMP-4-39-072312	7/23/2012	<22	U		<11	U		170		J	18		J	<12	U		<12	U	
		VMP-4-39-101812	10/18/2012	<270	U		<140	U		110			<93	U		<140	U		<140	U	
		VMP-4-39-101812-Dup	10/18/2012	<250	U		<130	U		100			<85	U		<130	U		<130	U	
		VMP-4-39-020713	2/7/2013	<39	U		<20	U		450			58			<21	U		<21	U	
		VMP-4-39-051513	5/15/2013	<21	U		<11	U		1200			460			<11	U		<11	U	
	5 ft	VMP-5-5	11/5/2009	<3.2	U		<1.7	U		<0.97	U		<1.1	U		<1.7	U		<1.7	U	
		VMP-5-5-090910	9/9/2010	<38	U		<20	U		<11	U		20			<20	U		<20	U	
		VMP-5-5-112210	11/22/2010	<9.3	U		<4.9	U		<2.8	U		<3.2	U		<4.9	U		<4.9	U	
		VMP-5-5-021611	2/16/2011	<0.059	U		<0.031	U		0.0041	J	J	<0.02	U		<0.032	U		<0.032	U	
		VMP-5-5-042111	4/21/2011	<0.19	U		<0.099	U		<0.057	U		<0.065	U		<0.1	U		<0.1	U	
		VMP-5-5-080511	8/5/2011	<0.018	U		0.073			0.0032	J		0.0022	J		<0.0096	U		<0.0096	U	
		VMP-5-5-111111	11/11/2011	<0.013	U		0.014			0.002	J		0.0024	J		<0.0071	U		<0.0071	U	
		VMP-5-5-013012	1/30/2012	<0.13	U		0.088			0.036	J		0.02	J		<0.072	U		<0.072	U	
		VMP-5-5-041112	4/11/2012	0.0029	J		0.018			0.0041			0.0019	J		0.0018	J		0.0018	J	
		VMP-5-5-071312	7/13/2012	<0.015	U		0.035			<0.0044	J	U	0.0023	J		<0.0078	U		<0.0078	U	
		VMP-5-5-101212	10/12/2012	<0.018	U		0.0034	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0096	U	
		VMP-5-5-012513	1/25/2013	<0.019	U		0.0047	J		<0.0057	U		<0.0065	U		<0.01	U		<0.01	U	
		VMP-5-5-042913	4/29/2013	0.004	J		<0.01	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.011	U	
	12.5 ft	VMP-5-12.5	11/6/2009	<3.7	U		<1.9	U		<1.1	U		<1.3	U		<2	U		<2	U	
		VMP-5-12.5-D	11/6/2009	<8.4	U		<4.4	U		<2.5	U		<2.8	U		<4.4	U		<4.4	U	
		VMP-5-12.5-090910	9/9/2010	<19	U		<9.9	U		<5.7	U		9.2			<10	U		<10	U	
		VMP-5-12.5-112310	11/23/2010	<0.95	U		<0.5	U		0.1	J		<0.32	U		<0.5	U		<0.5	U	
		VMP-5-12.5-021611	2/16/2011	<2.9	U		<1.5	U		<0.86	U		<0.98	U		<1.5	U		<1.5	U	
		VMP-5-12.5-042111	4/21/2011	<0.2	U		<0.11	U		<0.061	U		<0.069	U		<0.11	U		<0.11	U	
		VMP-5-12.5-080611	8/6/2011	<18	U		<9.3	U		<5.4	U		<6.1	U		<9.5	U		<9.5	U	
		VMP-5-12.5-111111	11/11/2011	<0.013	U		0.011			0.001	J		0.00067	J		<0.0067	U		<0.0067	U	
		VMP-5-12.5-013012	1/30/2012	<0.041	U		0.032			0.0032	J		0.0024	J		<0.022	U		<0.022	U	
		VMP-5-12.5-041112	4/11/2012	<0.013	U		0.043			0.0026	J		0.0015	J		<0.0067	U		<0.0067	U	
		VMP-5-12.5-071212	7/12/2012	<0.015	U		0.011			0.0043			0.012			<0.0079	U		<0.0079	U	
		VMP-5-12.5-101112	10/11/2012	<0.035	UJ	UJ	0.015	J	J	<0.011	U		<0.012	U		<0.019	U		<0.019	U	
		VMP-5-12.5-012413	1/24/2013	<0.018	U		0.0043	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.0099	U	
		VMP-5-12.5-042913	4/29/2013	<0.023	U		0.0066	J		0.0022	J		0.0057	J		<0.012	U		<0.012	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Freon 114			Heptadecane			Heptane			Hexachlorobutadiene			Hexane			Hexane, 2,2,4-trimethyl-		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-5	23.5 ft	VMP-4-23.5	11/5/2009	<68	U					3600			<410	U		14000					
		VMP - 4 - 23.5 - 083110	8/31/2010	<10	U					4100		J	<62	U		13000		J			
		VMP-4-23.5-112310	11/23/2010	<100	U					3900			<620	U		15000					
		VMP-4-23.5-021411	2/14/2011	<3.7	U					1700		J	<23	U		12000					
		VMP-4-23.5-042011	4/20/2011	<240	U					2900			<1400	U		13000					
		VMP-4-23.5-042011-DUP	4/20/2011	<240	U					2800			<1400	U		13000					
		VMP-4-23.5-080611	8/6/2011	<9.8	U					2200			<60	U		11000					
		VMP-4-23.5-110911	11/9/2011	<29	U					740			<180	U		6200					
		VMP-4-23.5-013012	1/30/2012	<62	U					4700		J	<380	U		14000		J			
		VMP-4-23.5-013012-DUP	1/30/2012	<44	U					3200		J	<270	U		11000					
		VMP-4-23.5-041912	4/19/2012	<14	U					2400			<84	U		4800					
		VMP-4-23.5-072312	7/23/2012	<6.6	U					1700			<40	U		1500					
		VMP-4-23.5-101812	10/18/2012	<7.2	U					65			<44	U		140					
		VMP-4-23.5-020713	2/7/2013	<2.3	U					<1.4	U		<14	U		82					
		VMP-4-23.5-051513	5/15/2013	<2.7	U					290			<17	U		630					
	39 ft	VMP-4-39	11/5/2009	<52	U					3500			<320	U		14000					
		VMP-4-39-042111	4/21/2011	<290	U					2700			<1800	U		13000					
		VMP-4-39-041912	4/19/2012	<7	U					3200			<43	U		10000					
		VMP-4-39-072312	7/23/2012	<10	U					3800		J	<64	U		2700		J			
		VMP-4-39-101812	10/18/2012	<130	U					1400			<810	U		2200					
		VMP-4-39-101812-Dup	10/18/2012	<120	U					1400			<740	U		2200					
		VMP-4-39-020713	2/7/2013	<19	U					2300			<110	U		4500					
		VMP-4-39-051513	5/15/2013	<10	U					1800			<62	U		1200					
	5 ft	VMP-5-5	11/5/2009	<1.6	U					9.1			<9.6	U		170					
		VMP-5-5-090910	9/9/2010	<18	U					140			<110	U		1500					
		VMP-5-5-112210	11/22/2010	<4.5	U					120			<28	U		1400					
		VMP-5-5-021611	2/16/2011	<0.029	U					<0.017	U		<0.18	U		<0.014	U				
		VMP-5-5-042111	4/21/2011	<0.092	U					<0.054	U		<0.56	U		0.035	J				
		VMP-5-5-080511	8/5/2011	<0.0088	U					0.047			<0.054	U		0.083					
		VMP-5-5-111111	11/11/2011	<0.0065	U					0.23			<0.04	U		0.11					
		VMP-5-5-013012	1/30/2012	<0.065	U					0.1			<0.4	U		0.63					
		VMP-5-5-041112	4/11/2012	<0.0064	U					0.0028	J		<0.039	U		0.0019	J				
		VMP-5-5-071312	7/13/2012	<0.0071	U					0.0029	J		<0.043	U		<0.0036	J	U			
		VMP-5-5-101212	10/12/2012	<0.0088	U					<0.0052	U		<0.054	U		0.0019	J				
		VMP-5-5-012513	1/25/2013	<0.0092	U					<0.0054	U		<0.056	U		<0.0046	U				
		VMP-5-5-042913	4/29/2013	<0.0098	U					<0.0058	U		<0.06	U		<0.005	U				
	12.5 ft	VMP-5-12.5	11/6/2009	<1.8	U					46			<11	U		650					
		VMP-5-12.5-D	11/6/2009	<4	U					47			<25	U		640					
		VMP-5-12.5-090910	9/9/2010	<9.2	U					120			<56	U		1300					
		VMP-5-12.5-112310	11/23/2010	<0.46	U					<0.27	U		<2.8	U		15					
		VMP-5-12.5-021611	2/16/2011	<1.4	U					5.8			<8.5	U		110					
		VMP-5-12.5-042111	4/21/2011	<0.098	U					<0.058	U		<0.6	U		0.03	J				
		VMP-5-12.5-080611	8/6/2011	<8.7	U					27			<53	U		340					
		VMP-5-12.5-111111	11/11/2011	<0.0062	U					0.0024	J		<0.038	U		0.0018	J				
		VMP-5-12.5-013012	1/30/2012	<0.02	U					0.035			<0.12	U		0.18					
		VMP-5-12.5-041112	4/11/2012	<0.0061	U					0.0027	J		<0.037	U		0.0053					
		VMP-5-12.5-071212	7/12/2012	<0.0072	U					0.0017	J		<0.044	U		0.0012	J				
		VMP-5-12.5-101112	10/11/2012	<0.017	U					<0.01	U		<0.1	U		0.0016	J				
		VMP-5-12.5-012413	1/24/2013	<0.009	U					<0.0053	U		<0.055	U		<0.0045	U				
		VMP-5-12.5-042913	4/29/2013	<0.011	U					0.0024	J		<0.067	U		0.0045	J				

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Hexane, 3,4-dimethyl-			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
													600						3400		
				Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-5	23.5 ft	VMP-4-23.5	11/5/2009				<160	U					<48	U		<40	U		<35	U	
		VMP - 4 - 23.5 - 083110	8/31/2010				<24	U					38		J	<5.9	U		<5.2	U	
		VMP-4-23.5-112310	11/23/2010				<240	U					<72	U		<60	U		<52	U	
		VMP-4-23.5-021411	2/14/2011				<8.7	U					<2.6	U		<2.2	U		<1.9	U	
		VMP-4-23.5-042011	4/20/2011				<1400	U		81000			<160	U		<1400	U		<120	U	
		VMP-4-23.5-042011-DUP	4/20/2011				<1400	U		78000			<160	U		<1400	U		<120	U	
		VMP-4-23.5-080611	8/6/2011				<23	U		69000			6.6	J		<5.8	U		<5.1	U	
		VMP-4-23.5-110911	11/9/2011				<69	U		37000			<21	U		<17	U		<15	U	
		VMP-4-23.5-013012	1/30/2012				<150	U		32000		J	<44	U		<37	U		<32	U	
		VMP-4-23.5-013012-DUP	1/30/2012				<100	U		34000		J	<31	U		<26	U		<22	U	
		VMP-4-23.5-041912	4/19/2012				<32	U		4700			<9.6	U		<8	U		<7.1	U	
		VMP-4-23.5-072312	7/23/2012				<15	U		1900			<4.6	U		<3.8	U		<3.4	U	
		VMP-4-23.5-101812	10/18/2012				<17	U		320			<5.1	U		<4.2	U		<3.7	U	
		VMP-4-23.5-020713	2/7/2013				<5.4	U	UJ	630			<1.6	U		<5.4	U	UJ	<1.2	U	
		VMP-4-23.5-051513	5/15/2013				<6.4	U		1000			<1.9	U		<1.6	U		<1.4	U	
	39 ft	VMP-4-39	11/5/2009				<120	U					<37	U		<30	U		<27	U	
		VMP-4-39-042111	4/21/2011				<1700	U		77000			<210	U		<1700	U		<150	U	
		VMP-4-39-041912	4/19/2012				<16	U		11000			3.4	J		<4.1	U		<3.6	U	
		VMP-4-39-072312	7/23/2012				<25	U		3000		J	<7.4	U		<6.2	U		<5.4	U	
		VMP-4-39-101812	10/18/2012				<310	U		6400			<93	U		<78	U		<68	U	
		VMP-4-39-101812-Dup	10/18/2012				<280	U		6400			<85	U		<71	U		<62	U	
		VMP-4-39-020713	2/7/2013				<44	U	UJ	5300			5.5	J		<44	U	UJ	<9.7	U	
		VMP-4-39-051513	5/15/2013				<24	U		1800			23			<6	U		<5.2	U	
	5 ft	VMP-5-5	11/5/2009				<3.7	U					<1.1	U		<0.92	U		<0.81	U	
		VMP-5-5-090910	9/9/2010				<43	U					<13	U		<11	U		<9.5	U	
		VMP-5-5-112210	11/22/2010				<10	U					<3.2	U		<2.6	U		<2.3	U	
		VMP-5-5-021611	2/16/2011				<0.067	U					<0.02	U		<0.017	U		<0.015	U	
		VMP-5-5-042111	4/21/2011				<0.54	U		0.25			<0.065	U		<0.54	U		<0.048	U	
		VMP-5-5-080511	8/5/2011				<0.021	U		0.32			0.01			0.072			<0.0045	U	
		VMP-5-5-111111	11/11/2011				<0.015	U		0.24			0.025			0.021			<0.0034	U	
		VMP-5-5-013012	1/30/2012				<0.15	U		4.9			0.0069	J		0.028	J		<0.034	U	
		VMP-5-5-041112	4/11/2012				<0.015	U		0.0036	J		0.03			0.17			<0.0033	U	
		VMP-5-5-071312	7/13/2012				<0.017	U		0.0069	J		<0.005	J	U	<0.0048		U	<0.0036	U	
		VMP-5-5-101212	10/12/2012				<0.021	U		0.0062	J		<0.0062	U		<0.0052	U		<0.0045	U	
		VMP-5-5-012513	1/25/2013				<0.022	U		0.0029	J		<0.0065	U		<0.0054	U		<0.0048	U	
		VMP-5-5-042913	4/29/2013				<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.0051	U	
	12.5 ft	VMP-5-12.5	11/6/2009				<4.2	U					<1.3	U		<1	U		<0.93	U	
		VMP-5-12.5-D	11/6/2009				<9.5	U					<2.8	U		<2.4	U		<2.1	U	
		VMP-5-12.5-090910	9/9/2010				<22	U					<6.5	U		<5.4	U		<4.8	U	
		VMP-5-12.5-112310	11/23/2010				<1.1	U					<0.32	U		<0.27	U		<0.24	U	
		VMP-5-12.5-021611	2/16/2011				<3.2	U					<0.98	U		<0.81	U		<0.72	U	
		VMP-5-12.5-042111	4/21/2011				<0.58	U		0.2			<0.069	U		<0.58	U		<0.051	U	
		VMP-5-12.5-080611	8/6/2011				<20	U		10000			<6.1	U		<5.1	U		<4.5	U	
		VMP-5-12.5-111111	11/11/2011				<0.014	U		0.0029	J		0.0024	J		0.022			<0.0032	U	
		VMP-5-12.5-013012	1/30/2012				<0.047	U		1.5			0.0043	J		0.02			<0.01	U	
		VMP-5-12.5-041112	4/11/2012				<0.014	U		0.13			0.022			0.14			<0.0032	U	
		VMP-5-12.5-071212	7/12/2012				<0.017	U		0.0047	J		<0.0051	U		<0.0042	J	U	<0.0037	U	
		VMP-5-12.5-101112	10/11/2012				<0.04	UJ	UJ	0.011	J		<0.012	U		0.0033	J		<0.0088	U	
		VMP-5-12.5-012413	1/24/2013				<0.021	U		0.0021	J		<0.0063	U		<0.0053	U		<0.0046	U	
		VMP-5-12.5-042913	4/29/2013				<0.026	U		0.26			<0.0077	U		0.0021	J		<0.0057	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Pentane, 2,2,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,4-dimethyl-			Pentane, 2-methyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-5	23.5 ft	VMP-4-23.5	11/5/2009																	
		VMP - 4 - 23.5 - 083110	8/31/2010																	
		VMP-4-23.5-112310	11/23/2010																	
		VMP-4-23.5-021411	2/14/2011																	
		VMP-4-23.5-042011	4/20/2011																	
		VMP-4-23.5-042011-DUP	4/20/2011																	
		VMP-4-23.5-080611	8/6/2011																	
		VMP-4-23.5-110911	11/9/2011																	
		VMP-4-23.5-013012	1/30/2012																	
		VMP-4-23.5-013012-DUP	1/30/2012																	
		VMP-4-23.5-041912	4/19/2012																	
		VMP-4-23.5-072312	7/23/2012																	
		VMP-4-23.5-101812	10/18/2012																	
		VMP-4-23.5-020713	2/7/2013																	
		VMP-4-23.5-051513	5/15/2013																	
	39 ft	VMP-4-39	11/5/2009																	
		VMP-4-39-042111	4/21/2011																	
		VMP-4-39-041912	4/19/2012																	
		VMP-4-39-072312	7/23/2012																	
		VMP-4-39-101812	10/18/2012																	
		VMP-4-39-101812-Dup	10/18/2012																	
		VMP-4-39-020713	2/7/2013																	
		VMP-4-39-051513	5/15/2013																	
	5 ft	VMP-5-5	11/5/2009																	
		VMP-5-5-090910	9/9/2010																	
		VMP-5-5-112210	11/22/2010																	
		VMP-5-5-021611	2/16/2011																	
		VMP-5-5-042111	4/21/2011																	
		VMP-5-5-080511	8/5/2011																	
		VMP-5-5-111111	11/11/2011																	
		VMP-5-5-013012	1/30/2012																	
		VMP-5-5-041112	4/11/2012																	
		VMP-5-5-071312	7/13/2012																	
		VMP-5-5-101212	10/12/2012																	
		VMP-5-5-012513	1/25/2013																	
		VMP-5-5-042913	4/29/2013																	
	12.5 ft	VMP-5-12.5	11/6/2009																	
		VMP-5-12.5-D	11/6/2009																	
		VMP-5-12.5-090910	9/9/2010																	
		VMP-5-12.5-112310	11/23/2010																	
		VMP-5-12.5-021611	2/16/2011																	
		VMP-5-12.5-042111	4/21/2011																	
		VMP-5-12.5-080611	8/6/2011																	
		VMP-5-12.5-111111	11/11/2011																	
		VMP-5-12.5-013012	1/30/2012																	
		VMP-5-12.5-041112	4/11/2012																	
		VMP-5-12.5-071212	7/12/2012																	
		VMP-5-12.5-101112	10/11/2012																	
		VMP-5-12.5-012413	1/24/2013																	
		VMP-5-12.5-042913	4/29/2013																	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrachloroethene		
										1400						0.55			0.55		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-5	23.5 ft	VMP-4-23.5	11/5/2009	<95	U		<48	U		<41	U		<66	U		<66	U		<66	U	
		VMP - 4 - 23.5 - 083110	8/31/2010	<14	U		69		J	<6.2	U		<9.9	U		<9.8	U		<9.8	U	
		VMP-4-23.5-112310	11/23/2010	<140	U		22	J		<62	U		<100	U		<99	U		<99	U	
		VMP-4-23.5-021411	2/14/2011	<5.2	U		<2.6	U		<2.2	U		<3.6	U		<3.6	U		<3.6	U	
		VMP-4-23.5-042011	4/20/2011	<330	U		<160	U		<1400	U		<230	U		<230	U		<230	U	
		VMP-4-23.5-042011-DUP	4/20/2011	<330	U		<160	U		<1400	U		<230	U		<230	U		<230	U	
		VMP-4-23.5-080611	8/6/2011	<14	U		7.6			<6	U		<9.6	U		<9.5	U		<9.5	U	
		VMP-4-23.5-110911	11/9/2011	<41	U		<21	U		<18	U		<29	U		<28	U		<28	U	
		VMP-4-23.5-013012	1/30/2012	<88	U		<44	U		<38	U		<61	U		<61	U		<61	U	
		VMP-4-23.5-013012-DUP	1/30/2012	<61	U		<31	U		<27	U		<43	U		<42	U		<42	U	
		VMP-4-23.5-041912	4/19/2012	3.6	J		<9.6	U		<8.3	U		<13	U		<13	U		<13	U	
		VMP-4-23.5-072312	7/23/2012	<9.2	U		6			<4	U		<6.4	U		<6.4	U		<6.4	U	
		VMP-4-23.5-101812	10/18/2012	<10	U		<5.1	U		<4.4	U		<7.1	U		<7	U		<7	U	
		VMP-4-23.5-020713	2/7/2013	<3.2	U		<1.6	U		<1.4	U		<2.3	U		<2.2	U		<2.2	U	
		VMP-4-23.5-051513	5/15/2013	<3.8	U		<1.9	U		<1.7	U		<2.7	U		<2.6	U		<2.6	U	
	39 ft	VMP-4-39	11/5/2009	<73	U		39			<32	U		<51	U		<50	U		<50	U	
		VMP-4-39-042111	4/21/2011	<410	U		<210	U		<1800	U		<290	U		<280	U		<280	U	
		VMP-4-39-041912	4/19/2012	<9.9	U		4.4	J		<4.3	U		<6.9	U		<6.8	U		<6.8	U	
		VMP-4-39-072312	7/23/2012	<15	U		8.3		J	<6.4	U		<10	U		<10	U		<10	U	
		VMP-4-39-101812	10/18/2012	<190	U		<93	U		<81	U		<130	U		<130	U		<130	U	
		VMP-4-39-101812-Dup	10/18/2012	<170	U		<85	U		<73	U		<120	U		<120	U		<120	U	
		VMP-4-39-020713	2/7/2013	<26	U		3	J		<11	U		<18	U		<18	U		<18	U	
		VMP-4-39-051513	5/15/2013	<14	U		14			<6.2	U		<10	U		<9.9	U		<9.9	U	
	5 ft	VMP-5-5	11/5/2009	<2.2	U		<1.1	U		<0.95	U		<1.5	U		<1.5	U		<1.5	U	
		VMP-5-5-090910	9/9/2010	<26	U		4.8	J		<11	U		<18	U		<18	U		<18	U	
		VMP-5-5-112210	11/22/2010	<6.3	U		<3.2	U		<2.7	U		<4.4	U		<4.4	U		<4.4	U	
		VMP-5-5-021611	2/16/2011	0.3		J	<0.02	U		<0.018	U		<0.028	U		<0.028	U		<0.028	U	
		VMP-5-5-042111	4/21/2011	<0.13	U		<0.065	U		<0.56	U		<0.091	U		0.078	J		0.078	J	
		VMP-5-5-080511	8/5/2011	0.07			0.00075	J		0.0024	J		<0.0086	U		0.0031	J		0.0031	J	
		VMP-5-5-111111	11/11/2011	0.014			0.018			<0.004	U		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-5-5-013012	1/30/2012	0.25			0.007	J		0.0053	J		<0.064	U		<0.063	U		<0.063	U	
		VMP-5-5-041112	4/11/2012	0.057			0.00078	J		0.0011	J		<0.0063	U		0.0021	J		0.0021	J	
		VMP-5-5-071312	7/13/2012	0.54			<0.005	U		<0.0043	U		<0.007	U		<0.0069	J	U	<0.0069	J	U
		VMP-5-5-101212	10/12/2012	<0.012	U		<0.0062	U		<0.0054	U		<0.0086	U		<0.0085	U		<0.0085	U	
		VMP-5-5-012513	1/25/2013	0.2			<0.0065	U		<0.0056	U		<0.0091	U		<0.009	U		<0.009	U	
		VMP-5-5-042913	4/29/2013	<0.014	U		<0.0069	J	U	<0.006	J	U	<0.0096	J	U	<0.0095	J	U	<0.0095	J	U
	12.5 ft	VMP-5-12.5	11/6/2009	<2.5	U		<1.3	U		<1.1	U		<1.8	U		<1.8	U		<1.8	U	
		VMP-5-12.5-D	11/6/2009	<5.7	U		<2.8	U		<2.5	U		<4	U		<3.9	U		<3.9	U	
		VMP-5-12.5-090910	9/9/2010	<13	U		2.1	J		<5.6	U		<9.1	U		<9	U		<9	U	
		VMP-5-12.5-112310	11/23/2010	<0.65	U		<0.32	U		<0.28	U		<0.45	U		<0.45	U		<0.45	U	
		VMP-5-12.5-021611	2/16/2011	<2	U		<0.98	U		<0.84	U		<1.4	U		<1.3	U		<1.3	U	
		VMP-5-12.5-042111	4/21/2011	<0.14	U		<0.069	U		<0.6	U		<0.097	U		<0.096	U		<0.096	U	
		VMP-5-12.5-080611	8/6/2011	<12	U		<6.1	U		<5.3	U		<8.5	U		<8.4	U		<8.4	U	
		VMP-5-12.5-111111	11/11/2011	0.0091			0.00082	J		<0.0037	U		<0.006	U		<0.006	U		<0.006	U	
		VMP-5-12.5-013012	1/30/2012	0.032			<0.014	J	U	<0.012	U		<0.02	U		<0.019	U		<0.019	U	
		VMP-5-12.5-041112	4/11/2012	0.049			0.00051	J		0.0016	J		<0.006	U		0.0023	J		0.0023	J	
		VMP-5-12.5-071212	7/12/2012	0.01			0.0033	J		<0.0044	J	U	<0.0071	U		<0.007	U		<0.007	U	
		VMP-5-12.5-101112	10/11/2012	0.012	J		<0.012	U		<0.01	U		<0.017	U		0.0018	J		0.0018	J	
		VMP-5-12.5-012413	1/24/2013	0.27			<0.0063	U		<0.0055	U		<0.0088	U		<0.0088	U		<0.0088	U	
		VMP-5-12.5-042913	4/29/2013	<0.015	U		<0.0077	J	U	<0.0067	J	U	<0.011	J	U	<0.011	U		<0.011	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							6200			11			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-5	23.5 ft	VMP-4-23.5	11/5/2009	<29	U		1400			<290	U		<53	U		<53	U		<52	U	
		VMP - 4 - 23.5 - 083110	8/31/2010	<4.3	U		2000		J	<43	U		<7.9	U		<7.9	U		<7.8	U	
		VMP-4-23.5-112310	11/23/2010	<43	U		1600			<430	U		<79	U		<79	U		<78	U	
		VMP-4-23.5-021411	2/14/2011	<1.6	U		600		J	<16	U		<2.9	U		<2.9	U		<2.8	U	
		VMP-4-23.5-042011	4/20/2011	<99	U		820			<1000	U		<180	U		<180	U		<180	U	
		VMP-4-23.5-042011-DUP	4/20/2011	<99	U		790			<1000	U		<180	U		<180	U		<180	U	
		VMP-4-23.5-080611	8/6/2011	<4.1	U		390			<42	U		<7.7	U		<7.7	U		<7.6	U	
		VMP-4-23.5-110911	11/9/2011	<12	U		44			<120	U		<23	U		<23	U		<22	U	
		VMP-4-23.5-013012	1/30/2012	<26	U		580		J	<260	U		<49	U		<49	U		<48	U	
		VMP-4-23.5-013012-DUP	1/30/2012	<18	U		320		J	<180	U		<34	U		<34	U		<34	U	
		VMP-4-23.5-041912	4/19/2012	<5.8	U		110			<58	U		<11	U		<11	U		<10	U	
		VMP-4-23.5-072312	7/23/2012	<2.8	U		420			<28	U		<5.1	U		<5.1	U		<5	U	
		VMP-4-23.5-101812	10/18/2012	<3	U		6.6			<30	U		<5.6	U		<5.6	U		<5.5	U	
		VMP-4-23.5-020713	2/7/2013	<0.97	U		0.27	J		<9.8	U		<1.8	U		<1.8	U		<1.8	U	
		VMP-4-23.5-051513	5/15/2013	<1.2	U		95			<12	U		<2.1	U		<2.1	U		<2.1	U	
	39 ft	VMP-4-39	11/5/2009	<22	U		420			<220	U		<41	U		<41	U		<40	U	
		VMP-4-39-042111	4/21/2011	<120	U		440			<1200	U		<230	U		<230	U		<220	U	
		VMP-4-39-041912	4/19/2012	<3	U		200			<30	U		<5.5	U		<5.5	U		<5.4	U	
		VMP-4-39-072312	7/23/2012	<4.4	U		590		J	<45	U		<8.2	U		<8.2	U		<8.1	U	
		VMP-4-39-101812	10/18/2012	<56	U		480			<560	U		<100	U		<100	U		<100	U	
		VMP-4-39-101812-Dup	10/18/2012	<51	U		480			<510	U		<94	U		<94	U		<93	U	
		VMP-4-39-020713	2/7/2013	<7.9	U		610			<80	U		<15	U		<15	U		<14	U	
		VMP-4-39-051513	5/15/2013	<4.3	U		810			<43	U		<7.9	U		<7.9	U		<7.8	U	
	5 ft	VMP-5-5	11/5/2009	<0.66	U		<0.84	U		<6.6	U	UJ	<1.2	U		<1.2	U		<1.2	U	
		VMP-5-5-090910	9/9/2010	<7.8	U		<9.9	U		<78	U		<14	U		<14	U		<14	U	
		VMP-5-5-112210	11/22/2010	<1.9	U		<2.4	U		<19	U		<3.5	U		<3.5	U		<3.5	U	
		VMP-5-5-021611	2/16/2011	<0.012	U		0.0078	J	J	<0.12	U		<0.022	U		<0.022	U		<0.022	U	
		VMP-5-5-042111	4/21/2011	<0.039	U		<0.05	U		<0.39	U		<0.072	U		<0.072	U		<0.071	U	
		VMP-5-5-080511	8/5/2011	<0.0037	U		1.3			<0.037	U		<0.0069	J	U	<0.0069	U		<0.0068	J	U
		VMP-5-5-111111	11/11/2011	<0.0027	U		0.0096			<0.028	U		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-5-5-013012	1/30/2012	<0.028	U		0.071			<0.28	U		<0.051	U		<0.051	U		0.015	J	
		VMP-5-5-041112	4/11/2012	0.02			0.022			<0.027	U		<0.005	U		<0.005	U		0.0081		
		VMP-5-5-071312	7/13/2012	<0.003	U		0.0038			<0.03	U		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-5-5-101212	10/12/2012	<0.0037	U		0.002	J		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-5-5-012513	1/25/2013	<0.0039	U		<0.005	U		<0.039	U	UJ	<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-5-5-042913	4/29/2013	0.0019	J		<0.0053	J	U	<0.042	J	U	<0.0077	U		<0.0077	U		<0.0076	U	
	12.5 ft	VMP-5-12.5	11/6/2009	<0.76	U		<0.97	U		<7.6	U		<1.4	U		<1.4	U		<1.4	U	
		VMP-5-12.5-D	11/6/2009	<1.7	U		<2.2	U		<17	U		<3.2	U		<3.2	U		<3.1	U	
		VMP-5-12.5-090910	9/9/2010	<3.9	U		<5	U		<39	U		<7.2	U		<7.2	U		<7.1	U	
		VMP-5-12.5-112310	11/23/2010	<0.19	U		0.5			<2	U		<0.36	U		<0.36	U		<0.35	U	
		VMP-5-12.5-021611	2/16/2011	<0.58	U		<0.75	U		<5.9	U		<1.1	U		<1.1	U		<1.1	U	
		VMP-5-12.5-042111	4/21/2011	<0.042	U		<0.053	U		<0.42	U		<0.077	U		<0.077	U		<0.076	U	
		VMP-5-12.5-080611	8/6/2011	<3.6	U		1	J		<37	U		<6.8	U		<6.8	U		<6.7	U	
		VMP-5-12.5-111111	11/11/2011	<0.0026	U		0.0094			<0.026	U		<0.0048	U		<0.0048	U		0.0017	J	
		VMP-5-12.5-013012	1/30/2012	<0.0085	U		0.016			<0.085	U		<0.016	U		<0.016	U		<0.015	U	
		VMP-5-12.5-041112	4/11/2012	0.0055			0.025			<0.026	U		<0.0048	U		<0.0048	U		0.0012	J	
		VMP-5-12.5-071212	7/12/2012	<0.003	U		0.0039			<0.03	U		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-5-12.5-101112	10/11/2012	<0.0072	U		0.0054	J		<0.072	U		<0.013	U		<0.013	U		<0.013	U	
		VMP-5-12.5-012413	1/24/2013	<0.0038	U		0.00074	J		<0.038	U	UJ	<0.007	U		<0.007	U		<0.0069	U	
		VMP-5-12.5-042913	4/29/2013	<0.0046	U		<0.0059	J	U	<0.047	U		<0.0086	U		<0.0086	U		<0.0085	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride		
				860			860												0.29		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-5	23.5 ft	VMP-4-23.5	11/5/2009	<54	U		<54	U		78			<48	U		4700			<25	U	
		VMP - 4 - 23.5 - 083110	8/31/2010	<8.1	U		<8.1	U		190		J	66		J	5800		J	<3.7	U	
		VMP-4-23.5-112310	11/23/2010	<82	U		<82	U		31	J		<72	U		4800			<37	U	
		VMP-4-23.5-021411	2/14/2011	<3	U		<3	U		<2.6	U		<2.6	U		2400		J	<1.4	U	
		VMP-4-23.5-042011	4/20/2011	<190	U		<190	U		<160	U		<160	U		5200			<86	U	
		VMP-4-23.5-042011-DUP	4/20/2011	<190	U		<190	U		<160	U		<160	U		4800			<86	U	
		VMP-4-23.5-080611	8/6/2011	<7.9	U		<7.9	U		11			6.1	J		2800			<3.6	U	
		VMP-4-23.5-110911	11/9/2011	<24	U		<24	U		<21	U		<21	U		1500			<11	U	
		VMP-4-23.5-013012	1/30/2012	<50	U		<50	U		<44	U		<44	U		4800		J	<23	U	
		VMP-4-23.5-013012-DUP	1/30/2012	<35	U		<35	U		<31	U		<31	U		3300		J	<16	U	
		VMP-4-23.5-041912	4/19/2012	<11	U		<11	U		<9.6	U		<9.6	U		2400			<5	U	
		VMP-4-23.5-072312	7/23/2012	<5.3	U		<5.3	U		<4.6	U		4.9			1500			<2.4	U	
		VMP-4-23.5-101812	10/18/2012	<5.8	U		<5.8	U		<5.1	U		<5.1	U		110			<2.6	U	
		VMP-4-23.5-020713	2/7/2013	<1.8	U		<1.8	U		<1.6	U		<1.6	U		150			<0.84	U	
		VMP-4-23.5-051513	5/15/2013	<2.2	U		<2.2	U		21			79			490			<1	U	
	39 ft	VMP-4-39	11/5/2009	<42	U		<42	U		83			<37	U		4500			<19	U	
		VMP-4-39-042111	4/21/2011	<240	U		<240	U		<210	U		<210	U		4300			<110	U	
		VMP-4-39-041912	4/19/2012	<5.6	U		<5.6	U		5.1			2.6	J		3100			<2.6	U	
		VMP-4-39-072312	7/23/2012	<8.5	U		<8.5	U		<7.4	U		<7.4	U		3500		J	<3.8	U	
		VMP-4-39-101812	10/18/2012	<110	U		<110	U		<93	U		<93	U		1500			<48	U	
		VMP-4-39-101812-Dup	10/18/2012	<97	U		<97	U		<85	U		<85	U		1500			<44	U	
		VMP-4-39-020713	2/7/2013	<15	U		<15	U		12	J		16			1800			<6.9	U	
		VMP-4-39-051513	5/15/2013	<8.2	U		<8.2	U		260			120			1300			<3.7	U	
	5 ft	VMP-5-5	11/5/2009	<1.2	U		<1.2	U		<1.1	U		<1.1	U		370			<0.57	U	
		VMP-5-5-090910	9/9/2010	<15	U		<15	U		13			6.9	J		1600			<6.7	U	
		VMP-5-5-112210	11/22/2010	<3.6	U		<3.6	U		<3.2	U		<3.2	U		1700			<1.6	U	
		VMP-5-5-021611	2/16/2011	<0.023	U		<0.023	U		<0.02	U		<0.02	U		24			<0.01	U	
		VMP-5-5-042111	4/21/2011	<0.074	U		<0.074	U		<0.065	U		<0.065	U		0.097			<0.034	U	
		VMP-5-5-080511	8/5/2011	0.0014	J		0.0014	J		0.002	J		<0.0062	U		0.23			<0.0032	U	
		VMP-5-5-111111	11/11/2011	<0.0052	U		<0.0052	U		0.0023	J		0.0013	J		0.97			<0.0024	U	
		VMP-5-5-013012	1/30/2012	0.011	J		0.011	J		0.032	J		0.011	J		2.3			<0.024	U	
		VMP-5-5-041112	4/11/2012	<0.0051	U		<0.0051	U		0.0026	J		0.00093	J		0.0063			<0.0023	U	
		VMP-5-5-071312	7/13/2012	0.0016	J		0.0016	J		<0.005	J	U	<0.005	J	U	<0.0047	J	U	<0.0026	U	
		VMP-5-5-101212	10/12/2012	0.0015	J		0.0015	J		<0.0062	U		<0.0062	U		0.004	J		<0.0032	U	
		VMP-5-5-012513	1/25/2013	<0.0074	U		<0.0074	U		<0.0065	U		<0.0065	U		0.002	J		<0.0034	U	
		VMP-5-5-042913	4/29/2013	0.0018	J		0.0018	J		<0.0069	U		<0.0069	U		<0.0066	J	U	<0.0036	U	
	12.5 ft	VMP-5-12.5	11/6/2009	<1.4	U		<1.4	U		<1.3	U		<1.3	U		960			<0.66	U	
		VMP-5-12.5-D	11/6/2009	<3.2	U		<3.2	U		<2.8	U		<2.8	U		1000			<1.5	U	
		VMP-5-12.5-090910	9/9/2010	<7.4	U		<7.4	U		6.1	J		3	J		1500			<3.4	U	
		VMP-5-12.5-112310	11/23/2010	<0.37	U		<0.37	U		<0.32	U		<0.32	U		110			<0.17	U	
		VMP-5-12.5-021611	2/16/2011	<1.1	U		<1.1	U		<0.98	U		<0.98	U		170			<0.51	U	
		VMP-5-12.5-042111	4/21/2011	<0.079	U		<0.079	U		<0.069	U		<0.069	U		0.081			<0.036	U	
		VMP-5-12.5-080611	8/6/2011	<7	U		<7	U		<6.1	U		<6.1	U		810			<3.2	U	
		VMP-5-12.5-111111	11/11/2011	<0.0049	U		<0.0049	U		0.0014	J		0.00061	J		0.0093			<0.0022	U	
		VMP-5-12.5-013012	1/30/2012	<0.016	U		<0.016	U		<0.014	U		<0.014	U		0.72			<0.0073	U	
		VMP-5-12.5-041112	4/11/2012	0.0014	J		0.0014	J		0.0011	J		<0.0043	U		0.0032	J		<0.0022	U	
		VMP-5-12.5-071212	7/12/2012	0.0014	J		0.0014	J		0.12			0.022			<0.0048	U		<0.0026	U	
		VMP-5-12.5-101112	10/11/2012	<0.014	U		<0.014	U		<0.012	U		<0.012	U		0.009	J		<0.0062	U	
		VMP-5-12.5-012413	1/24/2013	0.0012	J		0.0012	J		<0.0063	U		<0.0063	U		0.0079			<0.0033	U	
		VMP-5-12.5-042913	4/29/2013	<0.0088	U		<0.0088	U		<0.0077	J	U	<0.0077	U		0.049			<0.004	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	m,p-Xylenes			o-Xylenes			Isobutane			Isobutane			Pentane		
				130			120											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-5	23.5 ft	VMP-4-23.5	11/5/2009	1300			410											
		VMP - 4 - 23.5 - 083110	8/31/2010	1800		J	600		J									
		VMP-4-23.5-112310	11/23/2010	1100			310											
		VMP-4-23.5-021411	2/14/2011	130		J	30		J									
		VMP-4-23.5-042011	4/20/2011	900			230											
		VMP-4-23.5-042011-DUP	4/20/2011	830			230											
		VMP-4-23.5-080611	8/6/2011	320			91											
		VMP-4-23.5-110911	11/9/2011	4.2	J		<18	U										
		VMP-4-23.5-013012	1/30/2012	190		J	34	J	J									
		VMP-4-23.5-013012-DUP	1/30/2012	57		J	8.8	J										
		VMP-4-23.5-041912	4/19/2012	13			4.4	J										
		VMP-4-23.5-072312	7/23/2012	210			60											
		VMP-4-23.5-101812	10/18/2012	7.2			2.6	J										
		VMP-4-23.5-020713	2/7/2013	<1.4	U		<1.4	U										
		VMP-4-23.5-051513	5/15/2013	320			130											
	39 ft	VMP-4-39	11/5/2009	1100			320											
		VMP-4-39-042111	4/21/2011	670			170	J										
		VMP-4-39-041912	4/19/2012	200			53											
		VMP-4-39-072312	7/23/2012	310		J	83		J									
		VMP-4-39-101812	10/18/2012	190			44	J										
		VMP-4-39-101812-Dup	10/18/2012	190			47	J										
		VMP-4-39-020713	2/7/2013	790			310											
		VMP-4-39-051513	5/15/2013	3300			1100											
VMP-5	5 ft	VMP-5-5	11/5/2009	<0.97	U		<0.97	U										
		VMP-5-5-090910	9/9/2010	9	J		6.4	J										
		VMP-5-5-112210	11/22/2010	<2.8	U		<2.8	U										
		VMP-5-5-021611	2/16/2011	0.0062	J	J	<0.018	U										
		VMP-5-5-042111	4/21/2011	<0.057	U		<0.057	U										
		VMP-5-5-080511	8/5/2011	0.0083			0.0024	J										
		VMP-5-5-111111	11/11/2011	0.0059			0.0016	J										
		VMP-5-5-013012	1/30/2012	0.08			0.026	J										
		VMP-5-5-041112	4/11/2012	0.0074			0.0021	J										
		VMP-5-5-071312	7/13/2012	<0.0044	J	U	<0.0044	J	U									
		VMP-5-5-101212	10/12/2012	<0.0055	U		<0.0055	U										
		VMP-5-5-012513	1/25/2013	<0.0057	U		<0.0057	U										
		VMP-5-5-042913	4/29/2013	<0.0061	U		<0.0061	U										
	12.5 ft	VMP-5-12.5	11/6/2009	<1.1	U		<1.1	U										
		VMP-5-12.5-D	11/6/2009	<2.5	U		<2.5	U										
		VMP-5-12.5-090910	9/9/2010	3.2	J		2.2	J										
		VMP-5-12.5-112310	11/23/2010	0.2	J		<0.29	U										
		VMP-5-12.5-021611	2/16/2011	<0.86	U		<0.86	U										
		VMP-5-12.5-042111	4/21/2011	<0.061	U		<0.061	U										
		VMP-5-12.5-080611	8/6/2011	<5.4	U		<5.4	U										
		VMP-5-12.5-111111	11/11/2011	0.0025	J		0.00074	J										
		VMP-5-12.5-013012	1/30/2012	0.0094	J		0.0027	J										
		VMP-5-12.5-041112	4/11/2012	0.0044			0.0013	J										
		VMP-5-12.5-071212	7/12/2012	0.012			0.0036	J										
		VMP-5-12.5-101112	10/11/2012	<0.011	U		<0.011	U										
		VMP-5-12.5-012413	1/24/2013	<0.0056	U		<0.0056	U										
		VMP-5-12.5-042913	4/29/2013	0.0094			0.0044	J										

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene		
				750000			0.37			450000			11			6.9					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	31 ft	VMP-5-31	11/6/2009	<23	U		160			<16	U		<25	U		<9.2	U		<5.3	U	
		VMP-5-31-090910	9/9/2010	<52	U		200			<37	U		<57	U		<21	U		<12	U	
		VMP-5-31-112310	11/23/2010	<33	U		180			<23	U		<36	U		<13	U		<7.6	U	
		VMP-5-31-021611	2/16/2011	<13	U		74			<9.2	U		<14	U		<5.4	U		<3	U	
		VMP-5-31-042111	4/21/2011	<200	U		66			<140	U		<210	U		<80	U		<46	U	
		VMP-5-31-080611	8/6/2011	<110	U		64			<78	U		<120	U		<45	U		<26	U	
		VMP-5-31-111111	11/11/2011	<56	U		12	J		<39	U		<60	U		<23	U		<13	U	
		VMP-5-31-013012	1/30/2012	4.4	J		10			<20	U		<31	U		<12	U		<6.6	U	
		VMP-5-31-041112	4/11/2012	0.03	J		0.08			<0.064	U		<0.099	U		<0.037	U		<0.021	U	
		VMP-5-31-071212	7/12/2012	0.11			0.0044			<0.0067	U		<0.01	U		<0.039	U		<0.0022	U	
		VMP-5-31-101112	10/11/2012	0.082			0.0078			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U	
		VMP-5-31-012413	1/24/2013	0.049	J		<0.045	U		<0.094	U		<0.14	U		<0.54	U		<0.031	U	
		VMP-5-31-042913	4/29/2013	0.024	J		0.007			<0.0096	U		<0.015	J	U	<0.056	U		<0.0032	U	
	40 ft	VMP-5-40	11/6/2009	<31	U		170			<22	U		<34	U		<13	U		<7.2	U	
		VMP-5-40-042111	4/21/2011	<200	U		64	J		<140	U		<220	U		<84	U		<48	U	
		VMP-5-40-013012	1/30/2012	6	J		6.8	J		<42	U		<65	U		<24	U		<14	U	
		VMP-5-40-041212	4/12/2012	0.053	J		0.15			<0.063	U		<0.097	U		<0.036	U		<0.021	U	
		VMP-5-40-071212	7/12/2012	0.49			<0.032	U		<0.067	U		<0.1	U		<0.39	U		<0.022	U	
		VMP-5-40-101112	10/11/2012	0.028	J		0.011			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U	
		VMP-5-40-012513	1/25/2013	0.35			0.0037	J		<0.029	U		<0.044	U		<0.17	U		<0.0095	U	
		VMP-5-40-012513-Dup	1/25/2013	0.36			0.0037	J		<0.028	U		<0.043	U		<0.16	U		<0.0093	U	
		VMP-5-40-042913	4/29/2013	0.02	J		0.0036	J		<0.0095	U		<0.015	U		<0.055	U		<0.0032	U	
VMP-6	5 ft	VMP-6-5	11/6/2009	<3.8	U		5.8		J	<2.6	U		<4.1	U		<1.5	U		<0.88	U	
		VMP-6-5-090810	9/8/2010	<2.1	U		1			<1.5	U		<2.3	U		<0.85	U		<0.49	U	
		VMP-6-5-111610	11/16/2010	<13	U		9			<9.2	U		<14	U		<5.4	U		<3	U	
		VMP-6-5-020711	2/7/2011	0.014			0.0033	J		<0.008	U		<0.012	U		<0.0046	U		<0.0026	U	
		VMP-6-5-040811	4/8/2011	0.055			2.4			<0.017	U		<0.027	U		<0.01	U		<0.0057	U	
		VMP-6-5-080411	8/4/2011	<0.64	U		0.74			<0.45	U		<0.69	U		<0.26	U		<0.15	U	
		VMP-6-5-110911	11/9/2011	0.015		J	0.015			<0.0054	U		<0.0083	U		<0.0031	U		<0.0018	U	
		VMP-6-5-013112	1/31/2012	0.13			0.096			<0.064	U		<0.098	U		<0.037	U		<0.021	U	
		VMP-6-5-041212	4/12/2012	0.02	J		0.01			<0.0067	U		<0.01	U		<0.039	U		<0.0022	U	
		VMP-6-5-071612	7/16/2012	0.075			0.0097			<0.0067	U		<0.01	U		<0.039	U	UJ	<0.0022	U	
		VMP-6-5-101012	10/10/2012	0.041			0.003	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
		VMP-6-5-021213	2/12/2013	1.8			0.037			<0.0083	U		<0.013	U		<0.048	U		<0.0027	U	
	10 ft	VMP-6-10	11/6/2009	<4.1	U		6.4			<2.9	U		<4.4	U		<1.7	U		<0.95	U	
		VMP-6-10-090810	9/8/2010	<2.3	U		2.9		J	<1.6	U		<2.5	U		<0.92	U		<0.53	U	
		VMP-6-10-111710	11/17/2010	0.012	J		0.0053			0.0025	J		<0.013	U		<0.005	J	U	<0.0028	U	
		VMP-6-10-020711	2/7/2011	0.0038	J		0.0084			<0.0084	U		<0.013	U		<0.0049	U		<0.0028	U	
		VMP-6-10-040811	4/8/2011	0.54			2			<0.2	U		<0.31	U		<0.12	U		<0.067	U	
		VMP-6-10-080411	8/4/2011	<2	U		1.7			<1.4	U		<2.2	U		<0.83	U		<0.47	U	
		VMP-6-10-111011	11/10/2011	0.017		J	0.012			<0.0056	U		<0.0087	U		<0.0033	U		<0.0018	U	
		VMP-6-10-013112	1/31/2012	<1.4	U		0.51		J	<1	U		<6.2	U		<0.58	U		<0.33	U	
		VMP-6-10-041212	4/12/2012	0.039			0.007			<0.0065	U		<0.01	U		<0.038	U		<0.0022	U	
		VMP-6-10-071612	7/16/2012	0.051			0.0081			<0.0088	J	U	<0.014	U		<0.051	U	UJ	<0.0029	U	
		VMP-6-10-101112	10/11/2012	0.0085	J		0.0066			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
		VMP-6-10-020513	2/5/2013	0.009	J		0.046			<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
		VMP-6-10-051513	5/15/2013	0.026	J		0.0026	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Butane			Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			2-Butanone			Carbon disulfide		
																6400			780		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-6	31 ft	VMP-5-31	11/6/2009													<7	U		<7.4	U	
		VMP-5-31-090910	9/9/2010													<16	U		<17	U	
		VMP-5-31-112310	11/23/2010													<10	U		<11	U	
		VMP-5-31-021611	2/16/2011													<4.1	U		<4.3	U	
		VMP-5-31-042111	4/21/2011	34000												<240	U		<64	U	
		VMP-5-31-080611	8/6/2011	38000												<140	U		6.4	J	
		VMP-5-31-111111	11/11/2011	19000												<69	U		<73	U	
		VMP-5-31-013012	1/30/2012	6900												<35	U		<9.3	U	
		VMP-5-31-041112	4/11/2012	4.3												0.023	J		<0.03	U	
		VMP-5-31-071212	7/12/2012	0.26												0.014			0.0076	J	
		VMP-5-31-101112	10/11/2012	0.075												0.0042	J		<0.018	J	U
		VMP-5-31-012413	1/24/2013	0.14												<0.16	U		<0.17	U	
		VMP-5-31-042913	4/29/2013	0.044												0.036			<0.018	J	U
	40 ft	VMP-5-40	11/6/2009													<9.7	U		<10	U	
		VMP-5-40-042111	4/21/2011	27000												<250	U		<67	U	
		VMP-5-40-013012	1/30/2012	6400												<74	U		<19	U	
		VMP-5-40-041212	4/12/2012	21												0.055	J		0.021	J	
		VMP-5-40-071212	7/12/2012	0.63												<0.12	U		<0.12	U	
		VMP-5-40-101112	10/11/2012	0.27												<0.017	U		<0.018	J	U
		VMP-5-40-012513	1/25/2013	0.21		J										<0.051	U		<0.054	U	
		VMP-5-40-012513-Dup	1/25/2013	0.1		J										<0.05	U		<0.052	U	
		VMP-5-40-042913	4/29/2013	0.035												0.011	J		<0.018	J	U
	5 ft	VMP-6-5	11/6/2009													<1.2	U		<1.2	U	
		VMP-6-5-090810	9/8/2010													<0.65	U		<0.68	U	
		VMP-6-5-111610	11/16/2010													<4.1	U		<4.3	U	
		VMP-6-5-020711	2/7/2011													0.0015	J		<0.0037	U	
		VMP-6-5-040811	4/8/2011	0.083												<0.03	U		0.0098	J	
		VMP-6-5-080411	8/4/2011	160												<0.79	U		<0.21	U	
		VMP-6-5-110911	11/9/2011	0.028												0.0027	J		<0.01	U	
		VMP-6-5-013112	1/31/2012	6.2												0.035	J		0.073	J	
		VMP-6-5-041212	4/12/2012	<0.0096	U											0.0029	J		<0.012	J	U
		VMP-6-5-071612	7/16/2012	<0.0096	U											0.008	J		<0.012	J	U
		VMP-6-5-101012	10/10/2012	<0.013	U											<0.016	U		<0.017	J	U
		VMP-6-5-021213	2/12/2013	0.11												<0.014	U		<0.015	J	U
	10 ft	VMP-6-10	11/6/2009													<1.3	U		<1.3	U	
		VMP-6-10-090810	9/8/2010													<0.7	U		<0.74	U	
		VMP-6-10-111710	11/17/2010													0.0022	J		<0.004	U	
		VMP-6-10-020711	2/7/2011													<0.0037	U		<0.0039	U	
		VMP-6-10-040811	4/8/2011	<0.29	U											0.12	J		0.19	J	
		VMP-6-10-080411	8/4/2011	400												<2.5	U		<0.67	U	
		VMP-6-10-111011	11/10/2011	0.033												0.0026	J		<0.01	U	
		VMP-6-10-013112	1/31/2012	120		J										<1.8	U		<0.46	U	
		VMP-6-10-041212	4/12/2012	<0.0093	U											0.0057	J		<0.012	J	U
		VMP-6-10-071612	7/16/2012	<0.012	U											0.0096	J		<0.016	J	U
		VMP-6-10-101112	10/11/2012	<0.014	U											<0.017	U		<0.018	J	U
		VMP-6-10-020513	2/5/2013	0.0036	J											<0.016	U		<0.017	J	U
		VMP-6-10-051513	5/15/2013	0.079												0.0099	J		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane		
				0.21			69			57000						0.11					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	31 ft	VMP-5-31	11/6/2009	<15	U		<11	U		<20	U		<6.3	U		<12	U		<20	U	
		VMP-5-31-090910	9/9/2010	<35	U		<25	U		<47	U		<14	U		<27	U		<45	U	
		VMP-5-31-112310	11/23/2010	<22	U		<16	U		<29	U		<9.1	U		<17	U		<28	U	
		VMP-5-31-021611	2/16/2011	<8.7	U		<6.4	U		<12	U		<3.6	U		<6.7	U		<11	U	
		VMP-5-31-042111	4/21/2011	<130	U		<95	U		<180	U		<220	U		<100	U		<170	U	
		VMP-5-31-080611	8/6/2011	<73	U		<53	U		<99	U		<120	U		<57	U		<96	U	
		VMP-5-31-111111	11/11/2011	<37	U		<27	U		<50	U		<62	U		<28	U		<48	U	
		VMP-5-31-013012	1/30/2012	<19	U		<14	U		<25	U		<32	U		<14	U		<25	U	
		VMP-5-31-041112	4/11/2012	<0.06	U		<0.044	U		<0.081	U		<0.1	U		<0.047	U		<0.079	U	
		VMP-5-31-071212	7/12/2012	<0.0063	U		<0.0046	J	U	<0.0086	U		<0.011	U		0.023			<0.021	U	
		VMP-5-31-101112	10/11/2012	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.01			<0.029	U	
		VMP-5-31-012413	1/24/2013	<0.088	U		<0.064	U		<0.12	U		<0.15	U		0.024	J		<0.29	U	
		VMP-5-31-042913	4/29/2013	<0.0091	U		<0.0066	J	U	<0.012	U		<0.015	U		0.0066	J		<0.03	U	
	40 ft	VMP-5-40	11/6/2009	<21	U		<15	U		<28	U		<8.6	U		<16	U		<27	U	
		VMP-5-40-042111	4/21/2011	<140	U		<99	U		<180	U		<230	U		<100	U		<180	U	
		VMP-5-40-013012	1/30/2012	<39	U		<29	U		<53	U		<66	U		<30	U		<52	U	
		VMP-5-40-041212	4/12/2012	<0.059	U		<0.043	U		<0.08	U		<0.099	U		<0.046	U		<0.077	U	
		VMP-5-40-071212	7/12/2012	<0.063	U		<0.046	U		<0.086	U		<0.11	U		0.046	J		<0.21	U	
		VMP-5-40-101112	10/11/2012	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.025			<0.03	U	
		VMP-5-40-012513	1/25/2013	<0.027	U		<0.02	U		<0.037	U		<0.045	U		0.04			<0.089	U	
		VMP-5-40-012513-Dup	1/25/2013	<0.026	U		<0.019	U		<0.036	U		<0.044	U		0.043			<0.087	U	
		VMP-5-40-042913	4/29/2013	<0.009	U		<0.0066	J	U	<0.012	U		<0.015	U		0.017			<0.029	U	
	5 ft	VMP-6-5	11/6/2009	<2.5	U		<1.8	U		<3.4	U		<1	U		<1.9	U		<3.3	U	
		VMP-6-5-090810	9/8/2010	<1.4	U		<1	U		<1.9	U		<0.58	U		<1.1	U		<1.8	U	
		VMP-6-5-111610	11/16/2010	<8.7	U		<6.4	U		<12	U		<3.6	U		<6.7	U		<11	U	
		VMP-6-5-020711	2/7/2011	<0.0075	U		<0.0055	U		<0.01	U		<0.0031	U		<0.0058	U		<0.0098	U	
		VMP-6-5-040811	4/8/2011	<0.016	U		<0.012	U		<0.022	U		<0.027	U		<0.013	U		<0.021	U	
		VMP-6-5-080411	8/4/2011	<0.42	U		<0.31	U		<0.57	U		<0.71	U		<0.33	U		<0.55	U	
		VMP-6-5-110911	11/9/2011	<0.0051	U		<0.0037	U		<0.0068	U		<0.0085	U		<0.0039	U		<0.0066	U	
		VMP-6-5-013112	1/31/2012	<0.06	U		0.016	J		<0.081	U		<0.1	U		<0.046	U		<0.078	U	
		VMP-6-5-041212	4/12/2012	<0.0063	U		<0.0046	J	U	<0.0086	U		<0.011	U		<0.0049	J	U	<0.021	U	
		VMP-6-5-071612	7/16/2012	<0.0063	U		<0.0046	J	U	<0.0086	U		<0.011	U		0.00086	J		<0.021	U	
		VMP-6-5-101012	10/10/2012	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	
		VMP-6-5-021213	2/12/2013	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U	
	10 ft	VMP-6-10	11/6/2009	<2.7	U		<2	U		<3.7	U		<1.1	U		<2.1	U		<3.6	U	
		VMP-6-10-090810	9/8/2010	<1.5	U		<1.1	U		<2	U		<0.63	U		<1.2	U		<2	U	
		VMP-6-10-111710	11/17/2010	0.0011	J		<0.0059	U		<0.011	U		<0.0034	U		<0.0063	U		<0.011	U	
		VMP-6-10-020711	2/7/2011	<0.0079	U		<0.0058	U		<0.011	U		<0.0033	U		<0.0062	U		<0.01	U	
		VMP-6-10-040811	4/8/2011	<0.19	U		<0.14	U		<0.26	U		<0.32	U		<0.15	U		<0.25	U	
		VMP-6-10-080411	8/4/2011	<1.3	U		<0.98	U		<1.8	U		<2.2	U		<1	U		<1.8	U	
		VMP-6-10-111011	11/10/2011	<0.0053	U		<0.0039	U		<0.0072	U		<0.0089	U		<0.0041	U		<0.0069	U	
		VMP-6-10-013112	1/31/2012	<0.94	U		<0.68	U		<1.3	U		<1.6	U		<0.73	U		<1.2	U	
		VMP-6-10-041212	4/12/2012	<0.0061	U		0.0029	J		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U	
		VMP-6-10-071612	7/16/2012	<0.0083	U		<0.006		U	<0.011	U		<0.014	U		<0.0064	J	U	<0.027	U	
		VMP-6-10-101112	10/11/2012	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U	
		VMP-6-10-020513	2/5/2013	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	
VMP-6		VMP-6-10-051513	5/15/2013	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	alpha-Chlorotoluene			Cyclobutane, ethyl-			Cyclohexane			Cyclopentane, methyl-			1,2-Dibromoethane			1,2-Dichlorobenzene		
																0.011			290		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	31 ft	VMP-5-31	11/6/2009	<12	U					1600						<18	U		<14	U	
		VMP-5-31-090910	9/9/2010	<28	U					1600						<42	U		<33	U	
		VMP-5-31-112310	11/23/2010	<18	U					2200						<26	U		<21	U	
		VMP-5-31-021611	2/16/2011	<7.1	U					1300						<11	U		<8.3	U	
		VMP-5-31-042111	4/21/2011	<110	U					1600						<160	U		<120	U	
		VMP-5-31-080611	8/6/2011	<60	U					1400						<89	U		<70	U	
		VMP-5-31-111111	11/11/2011	<30	U					670						<45	U		<35	U	
		VMP-5-31-013012	1/30/2012	<15	U					480						<23	U		<18	U	
		VMP-5-31-041112	4/11/2012	<0.049	U					0.46						<0.073	U		<0.057	U	
		VMP-5-31-071212	7/12/2012	<0.0052	U	UJ				0.025						<0.0077	U		<0.006	U	
		VMP-5-31-101112	10/11/2012	<0.0073	U					0.0041	J					<0.011	U		<0.0085	U	
		VMP-5-31-012413	1/24/2013	<0.072	U					0.015	J					<0.11	U		<0.084	U	
		VMP-5-31-042913	4/29/2013	<0.0074	J	U				0.0035	J					<0.011	U		<0.0086	U	
	40 ft	VMP-5-40	11/6/2009	<17	U					1400						<25	U		<20	U	
		VMP-5-40-042111	4/21/2011	<110	U					1400						<160	U		<130	U	
		VMP-5-40-013012	1/30/2012	<32	U					410						<48	U		<38	U	
		VMP-5-40-041212	4/12/2012	<0.048	U					1.7						<0.072	U		<0.056	U	
		VMP-5-40-071212	7/12/2012	<0.052	U	UJ				0.016	J					<0.077	U		<0.06	U	
		VMP-5-40-101112	10/11/2012	<0.0077	U					0.003	J					<0.011	U		<0.0089	U	
		VMP-5-40-012513	1/25/2013	<0.022	U					0.018						<0.033	U		<0.026	U	
		VMP-5-40-012513-Dup	1/25/2013	<0.022	U					0.0059	J					<0.032	U		<0.025	U	
		VMP-5-40-042913	4/29/2013	<0.0074	J	U				0.0045	J					<0.011	J	U	<0.0086	U	
VMP-6	5 ft	VMP-6-5	11/6/2009	<2	U					380		J				<3	U		<2.4	U	
		VMP-6-5-090810	9/8/2010	<1.1	U					76						<1.7	U		<1.3	U	
		VMP-6-5-111610	11/16/2010	<7.1	U					600						<11	U		<8.3	U	
		VMP-6-5-020711	2/7/2011	<0.0062	U					0.013						<0.0091	U		<0.0072	J	U
		VMP-6-5-040811	4/8/2011	<0.013	U					0.099						<0.02	U		<0.016	U	
		VMP-6-5-080411	8/4/2011	<0.35	U					5.1						<0.51	U		<0.4	U	
		VMP-6-5-110911	11/9/2011	<0.0042	U					0.016						<0.0062	U		<0.0048	U	
		VMP-6-5-013112	1/31/2012	<0.049	U					0.42						<0.073	U		<0.057	U	
		VMP-6-5-041212	4/12/2012	<0.0052	U					0.0041						<0.0077	U		<0.006	U	
		VMP-6-5-071612	7/16/2012	<0.0052	U					0.0015	J					<0.0077	U		<0.006	U	
		VMP-6-5-101012	10/10/2012	<0.0071	U					<0.0048	U					<0.011	U		<0.0083	U	
		VMP-6-5-021213	2/12/2013	<0.0064	U					0.0019	J					<0.0095	U		<0.0074	U	
	10 ft	VMP-6-10	11/6/2009	<2.2	U					470						<3.3	U		<2.6	U	
		VMP-6-10-090810	9/8/2010	<1.2	U					240		J				<1.8	U		<1.4	U	
		VMP-6-10-111710	11/17/2010	<0.0067	U					0.0046						<0.0099	U		<0.0078	U	
		VMP-6-10-020711	2/7/2011	<0.0065	U					0.0029	J					<0.0097	U		<0.0076	J	U
		VMP-6-10-040811	4/8/2011	<0.16	U					<0.1	U					<0.23	U		<0.18	U	
		VMP-6-10-080411	8/4/2011	<1.1	U					220						<1.6	U		<1.3	U	
		VMP-6-10-111011	11/10/2011	<0.0043	U					0.0013	J					<0.0064	U		<0.005	U	
		VMP-6-10-013112	1/31/2012	<3.1	U					52		J				<1.1	U		<0.9	U	
		VMP-6-10-041212	4/12/2012	<0.005	U					0.0037						<0.0075	U		<0.0059	U	
		VMP-6-10-071612	7/16/2012	<0.0068	U					0.0035	J					<0.01	U		<0.0079	J	U
		VMP-6-10-101112	10/11/2012	<0.0075	U					0.0025	J					<0.011	U		<0.0087	U	
		VMP-6-10-020513	2/5/2013	<0.0071	U					<0.0048	U					<0.011	U		<0.0083	U	
		VMP-6-10-051513	5/15/2013	<0.0073	U					0.021						<0.011	U		<0.0085	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
							1200						690			0.099			240		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-6	31 ft	VMP-5-31	11/6/2009	<14	U		<14	U		<12	U		<9.6	U		<9.6	U		<9.4	U	
		VMP-5-31-090910	9/9/2010	<33	U		<33	U		<27	U		<22	U		<22	U		<22	U	
		VMP-5-31-112310	11/23/2010	<21	U		<21	U		<17	U		<14	U		<14	U		<14	U	
		VMP-5-31-021611	2/16/2011	<8.3	U		<8.3	U		<6.8	U		<5.6	U		<5.6	U		<5.5	U	
		VMP-5-31-042111	4/21/2011	<120	U		<120	U		<100	U		<83	U		<83	U		<82	U	
		VMP-5-31-080611	8/6/2011	<70	U		<70	U		<57	U		<47	U		<47	U		<46	U	
		VMP-5-31-111111	11/11/2011	<35	U		<35	U		<29	U		<24	U		12	J		<23	U	
		VMP-5-31-013012	1/30/2012	<18	U		<18	U		<15	U		<12	U		<12	U		<12	U	
		VMP-5-31-041112	4/11/2012	<0.057	U		<0.057	U		<0.047	U		<0.039	U		<0.039	U		<0.038	U	
		VMP-5-31-071212	7/12/2012	<0.006	U		<0.006	U		0.0017	J		<0.0041	U		<0.0041	U		<0.004	U	
		VMP-5-31-101112	10/11/2012	<0.0085	U		<0.0085	U		0.0023	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-5-31-012413	1/24/2013	<0.084	U		<0.084	U		<0.069	U		<0.057	U		<0.057	U		<0.056	U	
		VMP-5-31-042913	4/29/2013	<0.0086	J	U	<0.0086	J	U	0.0027	J		<0.0058	U		<0.0058	U		<0.0057	U	
	40 ft	VMP-5-40	11/6/2009	<20	U		<20	U		<16	U		<13	U		<13	U		<13	U	
		VMP-5-40-042111	4/21/2011	<130	U		<130	U		<110	U		<87	U		<87	U		<85	U	
		VMP-5-40-013012	1/30/2012	<38	U		<38	U		<31	U		<25	U		<25	U		<25	U	
		VMP-5-40-041212	4/12/2012	<0.056	U		<0.056	U		<0.046	U		<0.038	U		<0.038	U		<0.037	U	
		VMP-5-40-071212	7/12/2012	<0.06	U		<0.06	U		<0.05	U		<0.041	U		<0.041	U		<0.04	U	
		VMP-5-40-101112	10/11/2012	<0.0089	U		<0.0089	U		0.0021	J		<0.006	U		<0.006	U		<0.0059	U	
		VMP-5-40-012513	1/25/2013	<0.026	U		<0.026	U		<0.021	U		<0.017	U		<0.017	U		<0.017	U	
		VMP-5-40-012513-Dup	1/25/2013	<0.025	U		<0.025	U		<0.021	U		<0.017	U		<0.017	U		<0.017	U	
		VMP-5-40-042913	4/29/2013	<0.0086	U		<0.0086	J	U	0.0026	J		<0.0058	U		<0.0058	U		<0.0056	U	
	5 ft	VMP-6-5	11/6/2009	<2.4	U		<2.4	U		<2	U		<1.6	U		<1.6	U		<1.6	U	
		VMP-6-5-090810	9/8/2010	<1.3	U		<1.3	U		<1.1	U		<0.89	U		<0.89	U		<0.87	U	
		VMP-6-5-111610	11/16/2010	<8.3	U		<8.3	U		<6.8	U		<5.6	U		<5.6	U		<5.5	U	
		VMP-6-5-020711	2/7/2011	<0.0072	J	U	<0.0072	J	U	0.0025	J		<0.0048	U		<0.0048	U		<0.0047	U	
		VMP-6-5-040811	4/8/2011	<0.016	J	U	<0.016	J	U	0.0029	J		<0.01	U		<0.01	U		<0.01	U	
		VMP-6-5-080411	8/4/2011	<0.4	U		<0.4	U		<0.33	U		<0.27	U		<0.27	U		<0.26	U	
		VMP-6-5-110911	11/9/2011	<0.0048	U		<0.0048	U		0.0019	J	J	<0.0032	U		<0.0032	U		<0.0032	U	
		VMP-6-5-013112	1/31/2012	0.0069	J		<0.057	U		<0.047	U		<0.038	U		<0.038	U		<0.038	U	
		VMP-6-5-041212	4/12/2012	<0.006	J	U	<0.006	J	U	0.0024	J		<0.0041	U		<0.0041	U		<0.004	U	
		VMP-6-5-071612	7/16/2012	<0.006	J	U	<0.006	J	U	0.0029	J		<0.0041	U		<0.0041	U		<0.004	U	
		VMP-6-5-101012	10/10/2012	<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-6-5-021213	2/12/2013	<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U		<0.0049	U	
	10 ft	VMP-6-10	11/6/2009	<2.6	U		<2.6	U		<2.1	U		<1.7	U		<1.7	U		<1.7	U	
		VMP-6-10-090810	9/8/2010	<1.4	U		<1.4	U		<1.2	U		<0.96	U		<0.96	U		<0.94	U	
		VMP-6-10-111710	11/17/2010	<0.0078	U		<0.0078	U		0.002	J		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-6-10-020711	2/7/2011	<0.0076	J	U	<0.0076	J	U	0.0021	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-6-10-040811	4/8/2011	<0.18	U		<0.18	U		<0.15	U		<0.12	U		<0.12	U		<0.12	U	
		VMP-6-10-080411	8/4/2011	<1.3	U		<1.3	U		<1	U		<0.87	U		<0.87	U		<0.85	U	
		VMP-6-10-111011	11/10/2011	<0.005	U		<0.005	U		0.0014	J	J	<0.0034	U		<0.0034	U		<0.0033	U	
		VMP-6-10-013112	1/31/2012	<0.9	U		<0.9	U		<0.74	U		<0.6	U		<0.6	U		<0.59	U	
		VMP-6-10-041212	4/12/2012	<0.0059	J	U	<0.0059	J	U	0.0024	J		<0.0039	U		<0.0039	U		<0.0039	U	
		VMP-6-10-071612	7/16/2012	<0.0079	J	U	<0.0079	J	U	0.0025	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-6-10-101112	10/11/2012	<0.0087	U		<0.0087	U		0.0025	J		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-6-10-020513	2/5/2013	<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-6-10-051513	5/15/2013	<0.0085	U		<0.0085	J	U	0.0025	J		<0.0057	U		<0.0057	U		<0.0056	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene		
				1100000			85			5.6			0.062			0.9			0.9		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-6	31 ft	VMP-5-31	11/6/2009	<9.4	U		<9.4	U		<8.3	U		<11	U		<11	U		<11	U	
		VMP-5-31-090910	9/9/2010	<22	U		<22	U		<19	U		<25	U		<25	U		<25	U	
		VMP-5-31-112310	11/23/2010	<14	U		<14	U		<12	U		<16	U		<16	U		<16	U	
		VMP-5-31-021611	2/16/2011	<5.5	U		<5.5	U		<4.8	U		<6.4	U		<6.3	U		<6.3	U	
		VMP-5-31-042111	4/21/2011	<82	U		<82	U		<72	U		<95	U		<93	U		<93	U	
		VMP-5-31-080611	8/6/2011	<46	U		<46	U		<40	U		<54	U		<53	U		<53	U	
		VMP-5-31-111111	11/11/2011	<23	U		<23	U		<20	U		<27	U		<26	U		<26	U	
		VMP-5-31-013012	1/30/2012	<12	U		<12	U		3	J		<14	U		<14	U		<14	U	
		VMP-5-31-041112	4/11/2012	<0.038	U		<0.038	U		<0.033	U		<0.044	U		<0.043	U		<0.043	U	
		VMP-5-31-071212	7/12/2012	<0.004	U		<0.004	U		0.0013	J		<0.0046	U		<0.0046	U		<0.0046	U	
		VMP-5-31-101112	10/11/2012	<0.0056	U		<0.0056	U		0.0024	J		<0.0065	U		<0.0064	U		<0.0064	U	
		VMP-5-31-012413	1/24/2013	<0.056	U		<0.056	U		<0.49	U		<0.065	U		<0.064	U		<0.064	U	
		VMP-5-31-042913	4/29/2013	<0.0057	U		<0.0057	U		<0.05	J	U	<0.0066	U		<0.0065	U		<0.0065	J	U
	40 ft	VMP-5-40	11/6/2009	<13	U		<13	U		<11	U		<15	U		<15	U		<15	U	
		VMP-5-40-042111	4/21/2011	<85	U		<85	U		<75	U		<100	U		<98	U		<98	U	
		VMP-5-40-013012	1/30/2012	<25	U		<25	U		6.2	J		<29	U		<28	U		<28	U	
		VMP-5-40-041212	4/12/2012	<0.037	U		<0.037	U		<0.032	U		<0.043	U		<0.042	U		<0.042	U	
		VMP-5-40-071212	7/12/2012	<0.04	U		<0.04	U		<0.35	U		<0.046	U		<0.046	U		<0.046	U	
		VMP-5-40-101112	10/11/2012	<0.0059	U		<0.0059	U		0.0049	J		<0.0068	U		<0.0067	U		<0.0067	U	
		VMP-5-40-012513	1/25/2013	<0.017	U		<0.017	U		0.014	J		<0.02	U		<0.02	U		<0.02	U	
		VMP-5-40-012513-Dup	1/25/2013	<0.017	U		<0.017	U		0.0054	J		<0.019	U		<0.019	U		<0.019	U	
		VMP-5-40-042913	4/29/2013	<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U	
	5 ft	VMP-6-5	11/6/2009	<1.6	U		<1.6	U		<1.4	U		<1.8	U		<1.8	U		<1.8	U	
		VMP-6-5-090810	9/8/2010	<0.87	U		<0.87	U		<0.76	U		<1	U		<1	U		<1	U	
		VMP-6-5-111610	11/16/2010	<5.5	U		<5.5	U		<4.8	U		<6.4	U		<6.3	U		<6.3	U	
		VMP-6-5-020711	2/7/2011	<0.0047	U		<0.0047	U		<0.0041	U		<0.0055	U		<0.0054	U		<0.0054	U	
		VMP-6-5-040811	4/8/2011	<0.01	U		<0.01	U		0.0043	J		<0.012	U		<0.012	U		<0.012	U	
		VMP-6-5-080411	8/4/2011	<0.26	U		<0.26	U		<0.23	U		<0.31	U		<0.3	U		<0.3	U	
		VMP-6-5-110911	11/9/2011	<0.0032	U		<0.0032	U		<0.0028	J	U	<0.0037	U		<0.0036	U		<0.0036	U	
		VMP-6-5-013112	1/31/2012	<0.038	U		<0.038	U		0.03	J		<0.044	U		<0.043	U		<0.043	U	
		VMP-6-5-041212	4/12/2012	<0.004	U		<0.004	U		<0.035	J	U	<0.0046	U		<0.0046	U		<0.0046	U	
		VMP-6-5-071612	7/16/2012	<0.004	U		<0.004	U		<0.035	J	U	<0.0046	U		<0.0046	U		<0.0046	J	U
		VMP-6-5-101012	10/10/2012	<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-6-5-021213	2/12/2013	<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U	
	10 ft	VMP-6-10	11/6/2009	<1.7	U		<1.7	U		<1.5	U		<2	U		<2	U		<2	U	
		VMP-6-10-090810	9/8/2010	<0.94	U		<0.94	U		<0.83	U		<1.1	U		<1.1	U		<1.1	U	
		VMP-6-10-111710	11/17/2010	<0.0051	U		<0.0051	U		<0.0045	U		<0.006	U		<0.0058	U		<0.0058	U	
		VMP-6-10-020711	2/7/2011	<0.005	U		<0.005	U		<0.0044	U		<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-6-10-040811	4/8/2011	<0.12	U		<0.12	U		0.12			<0.14	U		<0.14	U		<0.14	U	
		VMP-6-10-080411	8/4/2011	<0.85	U		<0.85	U		<0.74	U		<0.99	U		<0.97	U		<0.97	U	
		VMP-6-10-111011	11/10/2011	<0.0033	U		<0.0033	U		<0.0029	J	U	<0.0039	U		<0.0038	U		<0.0038	U	
		VMP-6-10-013112	1/31/2012	<0.59	U		<0.59	U		<0.52	U		<0.69	U		<0.68	U		<0.68	U	
		VMP-6-10-041212	4/12/2012	<0.0039	U		<0.0039	U		<0.034	J	U	<0.0045	U		<0.0044	U		<0.0044	J	U
		VMP-6-10-071612	7/16/2012	<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	J	U	<0.006	J	U
		VMP-6-10-101112	10/11/2012	<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-6-10-020513	2/5/2013	<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-6-10-051513	5/15/2013	<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 113		
				0.22						1400											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-6	31 ft	VMP-5-31	11/6/2009	<34	U		<18	U		<10	U		<12	U		<18	U		<18	U	
		VMP-5-31-090910	9/9/2010	<79	U		<41	U		<24	U		<27	U		<42	U		<42	U	
		VMP-5-31-112310	11/23/2010	<50	U		<26	U		<15	U		<17	U		<26	U		<26	U	
		VMP-5-31-021611	2/16/2011	<20	U		<10	U		<6	U		<6.8	U		<10	U		<10	U	
		VMP-5-31-042111	4/21/2011	<300	U		<160	U		<89	U		<100	U		<160	U		<160	U	
		VMP-5-31-080611	8/6/2011	<170	U		<87	U		<50	U		<57	U		<89	U		<89	U	
		VMP-5-31-111111	11/11/2011	<84	U		<44	U		<25	U		<29	U		<45	U		<45	U	
		VMP-5-31-013012	1/30/2012	<43	U		<22	U		<13	U		<15	U		<23	U		<23	U	
		VMP-5-31-041112	4/11/2012	<0.14	U		<0.072	U		<0.041	U		<0.047	U		<0.073	U		<0.073	U	
		VMP-5-31-071212	7/12/2012	<0.014	U		0.021			<0.0044	U		<0.0049	J	U	<0.0077	U		<0.0077	U	
		VMP-5-31-101112	10/11/2012	<0.02	UJ	UJ	0.0055	J	J	<0.0061	U		<0.0069	U		<0.011	U		<0.011	U	
		VMP-5-31-012413	1/24/2013	<0.2	U		<0.1	U		<0.061	U		<0.069	U		<0.11	U		<0.11	U	
		VMP-5-31-042913	4/29/2013	<0.021	U		0.011	J		<0.0062	U		<0.0071	U		<0.011	U		<0.011	U	
	40 ft	VMP-5-40	11/6/2009	<47	U		<25	U		<14	U		<16	U		<25	U		<25	U	
		VMP-5-40-042111	4/21/2011	<310	U		<160	U		<94	U		<100	U		<160	U		<160	U	
		VMP-5-40-013012	1/30/2012	<90	U		<47	U		<27	U		<31	U		<48	U		<48	U	
		VMP-5-40-041212	4/12/2012	<0.13	U		<0.07	U		0.0073	J		0.0078	J		<0.072	U		<0.072	U	
		VMP-5-40-071212	7/12/2012	<0.14	U		<0.076	U		<0.044	U		<0.049	U		<0.077	U		<0.077	U	
		VMP-5-40-101112	10/11/2012	<0.021	U	UJ	0.0075	J	J	<0.0064	U		<0.0073	U		<0.011	U		<0.011	U	
		VMP-5-40-012513	1/25/2013	<0.062	U		<0.032	U		<0.019	U		<0.021	U		<0.033	U		<0.033	U	
		VMP-5-40-012513-Dup	1/25/2013	<0.06	U		<0.032	U		<0.018	U		<0.021	U		<0.032	U		<0.032	U	
		VMP-5-40-042913	4/29/2013	<0.02	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.011	U	
	5 ft	VMP-6-5	11/6/2009	<5.7	U		<3	U		6.5		J	<1.9	U		<3	U		<3	U	
		VMP-6-5-090810	9/8/2010	<3.2	U		<1.6	U		<0.96	U		1	J		<1.7	U		<1.7	U	
		VMP-6-5-111610	11/16/2010	<20	U		<10	U		5.5	J		<6.8	U		<10	U		<10	U	
		VMP-6-5-020711	2/7/2011	<0.017	U		0.0051	J		0.013			0.0071			<0.0091	U		<0.0091	U	
		VMP-6-5-040811	4/8/2011	<0.037	U		0.02			<0.011	U		<0.013	U		<0.02	U		<0.02	U	
		VMP-6-5-080411	8/4/2011	<0.96	U		<0.5	U		0.1	J		<0.33	U		<0.51	U		<0.51	U	
		VMP-6-5-110911	11/9/2011	<0.012	U		0.034			0.075			0.025			<0.0062	U		<0.0062	U	
		VMP-6-5-013112	1/31/2012	<0.14	U		0.076			0.0078	J		0.0065	J		<0.073	U		<0.073	U	
		VMP-6-5-041212	4/12/2012	<0.014	U		0.0053	J		0.0019	J		<0.0049	U		<0.0077	U		<0.0077	U	
		VMP-6-5-071612	7/16/2012	<0.014	U		0.012			<0.0044	J	U	0.0019	J		<0.0077	U		<0.0077	U	
		VMP-6-5-101012	10/10/2012	<0.02	UJ	UJ	0.0028	J	J	<0.006	U		<0.0068	U		<0.01	U		<0.01	U	
		VMP-6-5-021213	2/12/2013	<0.018	U		0.004	J		<0.0054	U		<0.0061	J	U	<0.0095	U		<0.0095	U	
	10 ft	VMP-6-10	11/6/2009	<6.2	U		<3.2	U		5.2			<2.1	U		<3.3	U		<3.3	U	
		VMP-6-10-090810	9/8/2010	<3.4	U		<1.8	U		0.68	J	J	0.9	J	J	<1.8	U		<1.8	U	
		VMP-6-10-111710	11/17/2010	<0.018	U		0.0037	J		0.0014	J		<0.0063	U		<0.0099	U		<0.0099	U	
		VMP-6-10-020711	2/7/2011	<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0096	U	
		VMP-6-10-040811	4/8/2011	<0.44	U		0.12	J		0.028	J		<0.15	U		<0.23	U		<0.23	U	
		VMP-6-10-080411	8/4/2011	<3.1	U		<1.6	U		0.18	J		<1	U		<1.6	U		<1.6	U	
		VMP-6-10-111011	11/10/2011	<0.012	U		0.024			<0.0036	U		<0.0041	U		<0.0064	U		<0.0064	U	
		VMP-6-10-013112	1/31/2012	<2.1	U		<1.1	U		<0.65	U		<0.73	U		<1.1	U		<1.1	U	
		VMP-6-10-041212	4/12/2012	<0.014	U		0.011			0.0024	J		0.0015	J		<0.0075	U		<0.0075	U	
		VMP-6-10-071612	7/16/2012	<0.019	U		0.0094	J		<0.0057	J	U	0.0015	J		<0.01	U		<0.01	U	
		VMP-6-10-101112	10/11/2012	<0.021	UJ	UJ	0.0037	J	J	<0.0063	U		<0.0071	U		<0.011	U		<0.011	U	
		VMP-6-10-020513	2/5/2013	<0.02	U		0.0017	J		<0.006	U		<0.0068	U		<0.01	U		<0.01	U	
		VMP-6-10-051513	5/15/2013	<0.02	U		0.085			0.054			0.39		J	<0.011	U		<0.011	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Freon 114			Heptadecane			Heptane			Hexachlorobutadiene			Hexane			Hexane, 2,2,4-trimethyl-		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
	31 ft	VMP-5-31	11/6/2009	<17	U					910			<100	U		4900					
		VMP-5-31-090910	9/9/2010	<38	U					1300			<230	U		7700					
		VMP-5-31-112310	11/23/2010	<24	U					1700			<150	U		8200					
		VMP-5-31-021611	2/16/2011	<9.6	U					950			<59	U		5600					
		VMP-5-31-042111	4/21/2011	<140	U					900			<880	U		6200					
		VMP-5-31-080611	8/6/2011	<81	U					780			<490	U		5800					
		VMP-5-31-111111	11/11/2011	<41	U					220			<250	U		2200					
		VMP-5-31-013012	1/30/2012	<21	U					82			<130	U		740					
		VMP-5-31-041112	4/11/2012	<0.067	U					0.062			<0.41	U		0.32					
		VMP-5-31-071212	7/12/2012	<0.007	U					0.017			<0.043	U		0.057					
		VMP-5-31-101112	10/11/2012	<0.0098	U					0.0039	J		<0.06	U		0.015					
		VMP-5-31-012413	1/24/2013	<0.098	U					<0.057	U		<0.6	U		0.036	J				
		VMP-5-31-042913	4/29/2013	<0.01	U					0.0016	J		<0.061	U		0.011					
	40 ft	VMP-5-40	11/6/2009	<23	U					810			<140	U		4400					
		VMP-5-40-042111	4/21/2011	<150	U					730			<920	U		4900					
		VMP-5-40-013012	1/30/2012	<44	U					53			<270	U		560					
		VMP-5-40-041212	4/12/2012	<0.065	U					0.21			<0.4	U		1.5					
		VMP-5-40-071212	7/12/2012	<0.07	U					<0.041	U		<0.43	U		0.02	J				
		VMP-5-40-101112	10/11/2012	<0.01	U					0.0031	J		<0.063	U		0.0076					
		VMP-5-40-012513	1/25/2013	<0.03	U					0.01	J		<0.18	U		0.026					
		VMP-5-40-012513-Dup	1/25/2013	<0.029	U					<0.017	U		<0.18	U		0.013	J				
		VMP-5-40-042913	4/29/2013	<0.01	U					0.004	J		<0.061	U		0.009					
VMP-6	5 ft	VMP-6-5	11/6/2009	<2.8	U					380		J	<17	U		720		J			
		VMP-6-5-090810	9/8/2010	<1.5	U					43			<9.4	U		130					
		VMP-6-5-111610	11/16/2010	<9.6	U					600			<59	U		1100					
		VMP-6-5-020711	2/7/2011	<0.0083	U					0.03			<0.051	U		0.022					
		VMP-6-5-040811	4/8/2011	<0.018	U					<0.011	U		<0.11	U		<0.0091	U				
		VMP-6-5-080411	8/4/2011	<0.47	U					3.7			<2.8	U		32					
		VMP-6-5-110911	11/9/2011	<0.0056	U					0.045			<0.034	U		0.055					
		VMP-6-5-013112	1/31/2012	<0.066	U					0.43			<0.4	U		1.3					
		VMP-6-5-041212	4/12/2012	<0.007	U					0.009			<0.043	U		0.0094					
		VMP-6-5-071612	7/16/2012	<0.007	U					0.0025	J		<0.043	U		0.0037					
		VMP-6-5-101012	10/10/2012	<0.0096	U					<0.0056	U		<0.059	U		<0.0049	U				
		VMP-6-5-021213	2/12/2013	<0.0086	U					0.0019	J		<0.053	U		0.015					
	10 ft	VMP-6-10	11/6/2009	<3	U					480			<18	U		900					
		VMP-6-10-090810	9/8/2010	<1.7	U					160		J	<10	U		400		J			
		VMP-6-10-111710	11/17/2010	<0.009	U					0.0043	J		<0.055	U		0.013					
		VMP-6-10-020711	2/7/2011	<0.0088	U					0.0018	J		<0.054	U		0.0038	J				
		VMP-6-10-040811	4/8/2011	<0.21	U					<0.12	U		<1.3	U		<0.11	U				
		VMP-6-10-080411	8/4/2011	<1.5	U					76			<9.1	U		210					
		VMP-6-10-111011	11/10/2011	<0.0059	U					0.0016	J		<0.036	U		0.0081					
		VMP-6-10-013112	1/31/2012	<1	U					24		J	<6.4	U		98		J			
		VMP-6-10-041212	4/12/2012	<0.0068	U					0.0064			<0.042	U		0.0068					
		VMP-6-10-071612	7/16/2012	<0.0092	U					<0.0054	J	U	<0.056	U		0.0027	J				
		VMP-6-10-101112	10/11/2012	<0.01	U					0.0026	J		<0.062	U		0.0022	J				
		VMP-6-10-020513	2/5/2013	<0.0096	U					<0.0056	U		<0.059	U		0.0014	J				
		VMP-6-10-051513	5/15/2013	<0.0098	U					0.047			<0.06	U		0.038					

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Hexane, 3,4-dimethyl-			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
													600						3400		
				Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-6	31 ft	VMP-5-31	11/6/2009				<39	U					<12	U		<9.7	U		<8.6	U	
		VMP-5-31-090910	9/9/2010				<90	U					<27	U		<22	U		<20	U	
		VMP-5-31-112310	11/23/2010				<57	U					<17	U		<14	U		<12	U	
		VMP-5-31-021611	2/16/2011				<23	U					<6.8	U		<5.6	U		<5	U	
		VMP-5-31-042111	4/21/2011				<840	U		44000			<100	U		<840	U		<74	U	
		VMP-5-31-080611	8/6/2011				<190	U		43000			<57	U		<48	U		<42	U	
		VMP-5-31-111111	11/11/2011				<96	U		24000			<29	U		<24	U		<21	U	
		VMP-5-31-013012	1/30/2012				<49	U		13000		J	<15	U		<12	U		<11	U	
		VMP-5-31-041112	4/11/2012				<0.16	U		12			0.016	J		0.088			<0.034	U	
		VMP-5-31-071212	7/12/2012				<0.016	U		0.47			<0.0049	J	U	0.016			<0.0036	U	
		VMP-5-31-101112	10/11/2012				<0.023	UJ	UJ	0.13			<0.0069	U		<0.0058	U		<0.0051	U	
		VMP-5-31-012413	1/24/2013				<0.23	U		0.19			<0.069	U		<0.057	U		<0.05	U	
		VMP-5-31-042913	4/29/2013				<0.024	U		0.045			<0.0071	J	U	0.0096			<0.0052	U	
	40 ft	VMP-5-40	11/6/2009				<54	U					<16	U		<13	U		<12	U	
		VMP-5-40-042111	4/21/2011				<880	U		35000			<100	U		<880	U		<78	U	
		VMP-5-40-013012	1/30/2012				<100	U		12000		J	<31	U		<26	U		<22	U	
		VMP-5-40-041212	4/12/2012				<0.15	U		100			0.044	J		0.23			<0.034	U	
		VMP-5-40-071212	7/12/2012				<0.16	U		7.6			<0.049	U		<0.041	U		<0.036	U	
		VMP-5-40-101112	10/11/2012				<0.024	U	UJ	1.2			0.0017	J		0.014			<0.0053	U	
		VMP-5-40-012513	1/25/2013				<0.07	U		0.7			<0.021	U		<0.018	U		<0.016	U	
		VMP-5-40-012513-Dup	1/25/2013				<0.069	U		0.53			<0.021	U		<0.017	U		<0.015	U	
		VMP-5-40-042913	4/29/2013				<0.023	U		0.056			<0.007	U		0.0035	J		<0.0051	U	
	5 ft	VMP-6-5	11/6/2009				<6.5	U					2.7		J	<1.6	U		<1.4	U	
		VMP-6-5-090810	9/8/2010				<3.6	U					<1.1	U		<0.9	U		<0.79	U	
		VMP-6-5-111610	11/16/2010				<23	U					4.2	J		<5.6	U		<5	U	
		VMP-6-5-020711	2/7/2011				<0.019	U					0.0024	J		<0.0049	U		<0.0043	U	
		VMP-6-5-040811	4/8/2011				<0.042	U		0.44			<0.013	U		<0.011	U		<0.0093	U	
		VMP-6-5-080411	8/4/2011				<1.1	U		250			<0.33	U		<0.27	U		<0.24	U	
		VMP-6-5-110911	11/9/2011				<0.013	U		0.065			0.014			0.022			<0.0029	U	
		VMP-6-5-013112	1/31/2012				<0.16	U		5.6			0.0092	J		0.068			<0.034	U	
		VMP-6-5-041212	4/12/2012				<0.016	U		0.0076	J		<0.0049	U		<0.0041	U		<0.0036	U	
		VMP-6-5-071612	7/16/2012				<0.016	U		<0.012	U		<0.0049	J	U	0.0029	J		<0.0036	U	
		VMP-6-5-101012	10/10/2012				<0.023	UJ	UJ	0.0025	J		<0.0068	U		<0.0056	U		<0.005	U	
		VMP-6-5-021213	2/12/2013				<0.02	U		0.12			<0.0061	U		0.0018	J		<0.0044	U	
	10 ft	VMP-6-10	11/6/2009				<7	U					3.6			<1.8	U		<1.6	U	
		VMP-6-10-090810	9/8/2010				<3.9	U					0.54	J	J	<0.97	U		<0.86	U	
		VMP-6-10-111710	11/17/2010				<0.021	U					<0.0063	U		<0.0053	U		0.00056	J	
		VMP-6-10-020711	2/7/2011				<0.021	U					<0.0062	U		<0.0052	U		<0.0045	U	
		VMP-6-10-040811	4/8/2011				<0.5	U		<0.36	U		<0.15	U		<0.12	U		<0.11	U	
		VMP-6-10-080411	8/4/2011				<3.5	U		770			<1	U		<0.88	U		<0.77	U	
		VMP-6-10-111011	11/10/2011				<0.014	U		0.062			0.0018	J		0.022			<0.003	U	
		VMP-6-10-013112	1/31/2012				<2.4	U		220		J	<0.73	U		<0.61	U		<0.54	U	
		VMP-6-10-041212	4/12/2012				<0.016	U		0.005	J		<0.0048	J	U	<0.004	U		<0.0035	U	
		VMP-6-10-071612	7/16/2012				<0.022	U		0.0043	J		<0.0065	J	U	0.0076			<0.0048	U	
		VMP-6-10-101112	10/11/2012				<0.024	UJ	UJ	0.0057	J		<0.0071	U		<0.0059	U		<0.0052	U	
		VMP-6-10-020513	2/5/2013				<0.023	U		0.0032	J		<0.0068	U		<0.0056	U		<0.005	U	
		VMP-6-10-051513	5/15/2013				<0.023	U		0.13			<0.0069	U		<0.0058	U		<0.0051	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Pentane, 2,2,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,4-dimethyl-			Pentane, 2-methyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-6	31 ft	VMP-5-31	11/6/2009																		
		VMP-5-31-090910	9/9/2010																		
		VMP-5-31-112310	11/23/2010																		
		VMP-5-31-021611	2/16/2011																		
		VMP-5-31-042111	4/21/2011																		
		VMP-5-31-080611	8/6/2011																		
		VMP-5-31-111111	11/11/2011																		
		VMP-5-31-013012	1/30/2012																		
		VMP-5-31-041112	4/11/2012																		
		VMP-5-31-071212	7/12/2012																		
		VMP-5-31-101112	10/11/2012																		
		VMP-5-31-012413	1/24/2013																		
		VMP-5-31-042913	4/29/2013																		
	40 ft	VMP-5-40	11/6/2009																		
		VMP-5-40-042111	4/21/2011																		
		VMP-5-40-013012	1/30/2012																		
		VMP-5-40-041212	4/12/2012																		
		VMP-5-40-071212	7/12/2012																		
		VMP-5-40-101112	10/11/2012																		
		VMP-5-40-012513	1/25/2013																		
		VMP-5-40-012513-Dup	1/25/2013																		
		VMP-5-40-042913	4/29/2013																		
	5 ft	VMP-6-5	11/6/2009																		
		VMP-6-5-090810	9/8/2010																		
		VMP-6-5-111610	11/16/2010																		
		VMP-6-5-020711	2/7/2011																		
		VMP-6-5-040811	4/8/2011																		
		VMP-6-5-080411	8/4/2011																		
		VMP-6-5-110911	11/9/2011																		
		VMP-6-5-013112	1/31/2012																		
		VMP-6-5-041212	4/12/2012																		
		VMP-6-5-071612	7/16/2012																		
		VMP-6-5-101012	10/10/2012																		
		VMP-6-5-021213	2/12/2013																		
	10 ft	VMP-6-10	11/6/2009																		
		VMP-6-10-090810	9/8/2010																		
		VMP-6-10-111710	11/17/2010																		
		VMP-6-10-020711	2/7/2011																		
		VMP-6-10-040811	4/8/2011																		
		VMP-6-10-080411	8/4/2011																		
		VMP-6-10-111011	11/10/2011																		
		VMP-6-10-013112	1/31/2012																		
		VMP-6-10-041212	4/12/2012																		
		VMP-6-10-071612	7/16/2012																		
		VMP-6-10-101112	10/11/2012																		
		VMP-6-10-020513	2/5/2013																		
		VMP-6-10-051513	5/15/2013																		

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrachloroethene		
										1400						0.55			0.55		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-6	31 ft	VMP-5-31	11/6/2009	<23	U		<12	U		<10	U		<16	U		<16	U		<16	U	
		VMP-5-31-090910	9/9/2010	<54	U		<27	U		<23	U		<38	U		<37	U		<37	U	
		VMP-5-31-112310	11/23/2010	<34	U		<17	U		<15	U		<24	U		<23	U		<23	U	
		VMP-5-31-021611	2/16/2011	<14	U		<6.8	U		<5.9	U		<9.5	U		<9.4	U		<9.4	U	
		VMP-5-31-042111	4/21/2011	<200	U		<100	U		<880	U		<140	U		<140	U		<140	U	
		VMP-5-31-080611	8/6/2011	34	J		<57	U		<49	U		<80	U		<79	U		<79	U	
		VMP-5-31-111111	11/11/2011	<58	U		<29	U		<25	U		<40	U		<40	U		<40	U	
		VMP-5-31-013012	1/30/2012	<29	U		<15	U		<13	U		<20	U		<20	U		<20	U	
		VMP-5-31-041112	4/11/2012	0.031	J		<0.047	U		<0.041	U		<0.066	U		<0.065	U		<0.065	U	
		VMP-5-31-071212	7/12/2012	0.015			<0.0049	J	U	<0.0043	U		<0.0069	U		<0.0068	U		<0.0068	U	
		VMP-5-31-101112	10/11/2012	0.0027	J		<0.0069	U		<0.006	U		<0.0097	U		<0.0096	U		<0.0096	U	
		VMP-5-31-012413	1/24/2013	7.5			<0.069	U		<0.06	U		<0.096	U		<0.095	U		<0.095	U	
		VMP-5-31-042913	4/29/2013	0.024			<0.0071	U		<0.0061	U		<0.0099	U		<0.0098	U		<0.0098	U	
	40 ft	VMP-5-40	11/6/2009	<32	U		<16	U		<14	U		<22	U		<22	U		<22	U	
		VMP-5-40-042111	4/21/2011	<210	U		<100	U		<920	U		<150	U		<150	U		<150	U	
		VMP-5-40-013012	1/30/2012	<61	U		<31	U		<27	U		<43	U		<42	U		<42	U	
		VMP-5-40-041212	4/12/2012	0.088	J		<0.046	U		<0.04	U		<0.064	U		<0.063	U		<0.063	U	
		VMP-5-40-071212	7/12/2012	<0.099	U		<0.049	U		<0.043	U		<0.069	U		<0.068	U		<0.068	U	
		VMP-5-40-101112	10/11/2012	0.0081	J		<0.0073	U		<0.0063	U		<0.01	U		0.0016	J		0.0016	J	
		VMP-5-40-012513	1/25/2013	1.9			<0.021	U		<0.018	U		<0.03	U		<0.029	U		<0.029	U	
		VMP-5-40-012513-Dup	1/25/2013	2			<0.021	U		<0.018	U		<0.029	U		<0.028	U		<0.028	U	
		VMP-5-40-042913	4/29/2013	<0.014	U		<0.007	U		<0.0061	J	U	<0.0098	J	U	<0.0097	U		<0.0097	U	
	5 ft	VMP-6-5	11/6/2009	<3.9	U		5.8		J	<1.7	U		<2.7	U		<2.7	U		<2.7	U	
		VMP-6-5-090810	9/8/2010	<2.2	U		<1.1	U		<0.94	U		<1.5	U		<1.5	U		<1.5	U	
		VMP-6-5-111610	11/16/2010	<14	U		7.7			<5.9	U		<9.5	U		<9.4	U		<9.4	U	
		VMP-6-5-020711	2/7/2011	0.027			0.0034	J		<0.0051	U		<0.0082	U		<0.0081	U		<0.0081	U	
		VMP-6-5-040811	4/8/2011	0.054			<0.013	U		<0.011	U		<0.018	U		<0.018	U		<0.018	U	
		VMP-6-5-080411	8/4/2011	<0.66	U		<0.33	U		<0.28	U		<0.46	U		<0.45	U		<0.45	U	
		VMP-6-5-110911	11/9/2011	0.13			0.018			0.00069	J		<0.0055	U		<0.0055	U		<0.0055	U	
		VMP-6-5-013112	1/31/2012	0.082	J		0.0034	J		<0.04	U		<0.065	U		<0.064	U		<0.064	U	
		VMP-6-5-041212	4/12/2012	0.015			<0.0049	U		0.00098	J		<0.0069	U		<0.0068	J	U	<0.0068	J	U
		VMP-6-5-071612	7/16/2012	0.0098			<0.0049	J	U	<0.0043	U		<0.0069	U		<0.0068	U		<0.0068	U	
		VMP-6-5-101012	10/10/2012	0.012	J		<0.0068	U		<0.0059	U		<0.0095	U		<0.0094	U		<0.0094	U	
		VMP-6-5-021213	2/12/2013	0.0073	J		<0.0061	U		<0.0053	U		<0.0085	U		<0.0084	U		<0.0084	U	
	10 ft	VMP-6-10	11/6/2009	<4.2	U		8			<1.8	U		<3	U		<2.9	U		<2.9	U	
		VMP-6-10-090810	9/8/2010	<2.3	U		0.73	J	J	<1	U		<1.6	U		<1.6	U		<1.6	U	
		VMP-6-10-111710	11/17/2010	0.0073	J		<0.0063	U		0.0022	J		<0.0088	U		0.0081	J		0.0081	J	
		VMP-6-10-020711	2/7/2011	0.0045	J		<0.0062	J	U	<0.0054	U		<0.0086	U		0.0013	J		0.0013	J	
		VMP-6-10-040811	4/8/2011	0.53			<0.15	U		0.093	J		<0.21	U		<0.2	U		<0.2	U	
		VMP-6-10-080411	8/4/2011	<2.1	U		<1	U		<0.91	U		<1.5	U		<1.4	U		<1.4	U	
		VMP-6-10-111011	11/10/2011	0.19			<0.0041	U		<0.0036	U		<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-6-10-013112	1/31/2012	<1.5	U		<0.73	U		<0.63	U		<1	U		<1	U		<1	U	
		VMP-6-10-041212	4/12/2012	0.015			<0.0048	J	U	<0.0042	U		<0.0067	U		<0.0066	J	U	<0.0066	J	U
		VMP-6-10-071612	7/16/2012	0.013	J		<0.0065	J	U	<0.0056	U		<0.0091	U		<0.009	J	U	<0.009	J	U
		VMP-6-10-101112	10/11/2012	0.0037	J		<0.0071	U		<0.0062	U		<0.0099	U		<0.0098	U		<0.0098	U	
		VMP-6-10-020513	2/5/2013	0.01	J		<0.0068	U		<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0094	J	U
		VMP-6-10-051513	5/15/2013	0.0044	J		<0.0069	U		<0.006	U		<0.0097	U		0.0013	J		0.0013	J	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							6200			11			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-6	31 ft	VMP-5-31	11/6/2009	<7	U		<9	U		<71	U		<13	U		<13	U		<13	U	
		VMP-5-31-090910	9/9/2010	<16	U		4.3	J		<160	U		<30	U		<30	U		<30	U	
		VMP-5-31-112310	11/23/2010	<10	U		8.2	J		<100	U		<19	U		<19	U		<18	U	
		VMP-5-31-021611	2/16/2011	<4.1	U		2.5	J		<41	U		<7.5	U		<7.5	U		<7.4	U	
		VMP-5-31-042111	4/21/2011	<61	U		<78	U		<610	U		<110	U		<110	U		<110	U	
		VMP-5-31-080611	8/6/2011	<34	U		<44	U		<340	U		<63	U		<63	U		<62	U	
		VMP-5-31-111111	11/11/2011	<17	U		14	J		<170	U		<32	U		<32	U		<31	U	
		VMP-5-31-013012	1/30/2012	<8.8	U		<11	U		<89	U		<16	U		<16	U		<16	U	
		VMP-5-31-041112	4/11/2012	<0.028	U		0.039			<0.28	U		<0.052	U		<0.052	U		<0.051	U	
		VMP-5-31-071212	7/12/2012	<0.003	U		0.0082			<0.03	U		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-5-31-101112	10/11/2012	<0.0042	U		0.0042	J		<0.042	U		<0.0077	U		<0.0077	U		<0.0076	U	
		VMP-5-31-012413	1/24/2013	<0.041	U		<0.053	U		<0.42	U	UJ	<0.076	U		<0.076	U		<0.075	U	
		VMP-5-31-042913	4/29/2013	0.0028	J		<0.0054	J	U	<0.043	U		<0.0078	U		<0.0078	U		<0.0077	U	
	40 ft	VMP-5-40	11/6/2009	<9.7	U		<12	U		<97	U		<18	U		<18	U		<18	U	
		VMP-5-40-042111	4/21/2011	<64	U		<81	U		<640	U		<120	U		<120	U		<120	U	
		VMP-5-40-013012	1/30/2012	<18	U		<24	U		<180	U		<34	U		<34	U		<34	U	
		VMP-5-40-041212	4/12/2012	<0.028	U		0.092			<0.28	U		<0.051	U		<0.051	U		<0.05	U	
		VMP-5-40-071212	7/12/2012	<0.03	U		<0.038	U		<0.3	U		<0.055	U		<0.055	U		<0.054	U	
		VMP-5-40-101112	10/11/2012	<0.0044	U		0.0046	J		<0.044	U		<0.0081	U		<0.0081	U		<0.008	U	
		VMP-5-40-012513	1/25/2013	<0.013	U		<0.016	U		<0.13	U		<0.023	U		<0.023	U		<0.023	U	
		VMP-5-40-012513-Dup	1/25/2013	<0.012	U		<0.016	U		<0.12	U		<0.023	U		<0.023	U		<0.022	U	
		VMP-5-40-042913	4/29/2013	<0.0042	U		<0.0054	J	U	<0.042	U		<0.0078	U		<0.0078	U		<0.0076	J	U
	5 ft	VMP-6-5	11/6/2009	<1.2	U		<1.5	U		<12	U		<2.2	U		<2.2	U		<2.1	U	
		VMP-6-5-090810	9/8/2010	<0.65	U		<0.83	U		<6.5	U		<1.2	U		<1.2	U		<1.2	U	
		VMP-6-5-111610	11/16/2010	<4.1	U		<5.2	U		<41	U		<7.5	U		<7.5	U		<7.4	U	
		VMP-6-5-020711	2/7/2011	<0.0035	U		0.015			<0.035	J	U	<0.0065	U		<0.0065	U		0.0022	J	
		VMP-6-5-040811	4/8/2011	<0.0076	U		0.0037	J		<0.077	U		<0.014	U		<0.014	U		<0.014	U	
		VMP-6-5-080411	8/4/2011	<0.2	U		0.53			<2	U		<0.36	U		<0.36	U		<0.36	U	
		VMP-6-5-110911	11/9/2011	<0.0024	U		0.026			<0.024	U		<0.0044	U		<0.0044	U		<0.0043	U	
		VMP-6-5-013112	1/31/2012	<0.028	U		0.054			<0.28	U		<0.052	U		<0.052	U		<0.051	U	
		VMP-6-5-041212	4/12/2012	<0.003	J	U	0.013			<0.03	U		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-6-5-071612	7/16/2012	0.0015	J		0.0045			<0.03	U		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-6-5-101012	10/10/2012	<0.0041	U		0.00077	J		<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-6-5-021213	2/12/2013	<0.0036	U		<0.0046	J	U	<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
	10 ft	VMP-6-10	11/6/2009	<1.3	U		<1.6	U		<13	U		<2.3	U		<2.3	U		<2.3	U	
		VMP-6-10-090810	9/8/2010	<0.7	U		<0.9	U		<7.1	U		<1.3	U		<1.3	U		<1.3	U	
		VMP-6-10-111710	11/17/2010	<0.0038	U		0.001	J		<0.038	U		0.0014	J		<0.007	U		<0.0069	J	U
		VMP-6-10-020711	2/7/2011	<0.0037	U		0.0029	J		<0.037	J	U	<0.0069	U		<0.0069	U		0.0018	J	
		VMP-6-10-040811	4/8/2011	0.15			0.043	J		<0.9	U		<0.16	U		<0.16	U		<0.16	U	
		VMP-6-10-080411	8/4/2011	<0.63	U		0.26	J		<6.4	U		<1.2	U		<1.2	U		<1.2	U	
		VMP-6-10-111011	11/10/2011	<0.0025	U		0.0052			<0.025	U		<0.0046	U		<0.0046	U		<0.0045	U	
		VMP-6-10-013112	1/31/2012	<0.44	U		<0.56	U		<4.4	U		<0.81	U		<0.81	U		<0.8	U	
		VMP-6-10-041212	4/12/2012	<0.0029	U		0.019			<0.029	U		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-6-10-071612	7/16/2012	<0.0039	J	U	0.0051			<0.039	U		<0.0072	J	U	<0.0072	U		<0.0071	U	
		VMP-6-10-101112	10/11/2012	<0.0043	U		0.0027	J		<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U	
		VMP-6-10-020513	2/5/2013	<0.0041	U		<0.0052	J	U	<0.041	J	U	<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-6-10-051513	5/15/2013	<0.0042	U		0.031			<0.042	U		<0.0077	U		<0.0077	U		<0.0076	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride		
				860			860												0.29		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-6	31 ft	VMP-5-31	11/6/2009	<13	U		<13	U		<12	U		<12	U		4000			<6.1	U	
		VMP-5-31-090910	9/9/2010	<31	U		<31	U		<27	U		<27	U		4400			<14	U	
		VMP-5-31-112310	11/23/2010	<19	U		<19	U		<17	U		<17	U		4700			<8.8	U	
		VMP-5-31-021611	2/16/2011	<7.8	U		<7.8	U		<6.8	U		<6.8	U		3100			<3.5	U	
		VMP-5-31-042111	4/21/2011	<120	U		<120	U		<100	U		<100	U		3800			<53	U	
		VMP-5-31-080611	8/6/2011	<65	U		<65	U		<57	U		<57	U		3700			<30	U	
		VMP-5-31-111111	11/11/2011	<33	U		<33	U		<29	U		<29	U		3000			<15	U	
		VMP-5-31-013012	1/30/2012	<17	U		<17	U		<15	U		<15	U		2900			<7.6	U	
		VMP-5-31-041112	4/11/2012	<0.054	U		<0.054	U		<0.047	U		<0.047	U		4.8			<0.024	U	
		VMP-5-31-071212	7/12/2012	0.0015	J		0.0015	J		<0.0049	J	U	<0.0049	U		0.3			<0.0026	U	
		VMP-5-31-101112	10/11/2012	0.0013	J		0.0013	J		<0.0069	U		<0.0069	U		0.048			<0.0036	U	
		VMP-5-31-012413	1/24/2013	<0.079	U		<0.079	U		<0.069	U		<0.069	U		0.13			<0.036	U	
		VMP-5-31-042913	4/29/2013	<0.0081	U		<0.0081	U		<0.0071	U		<0.0071	U		0.021			<0.0037	U	
	40 ft	VMP-5-40	11/6/2009	<18	U		<18	U		<16	U		<16	U		3400			<8.4	U	
		VMP-5-40-042111	4/21/2011	<120	U		<120	U		<100	U		<100	U		3500			<55	U	
		VMP-5-40-013012	1/30/2012	<35	U		<35	U		<31	U		<31	U		2500			<16	U	
		VMP-5-40-041212	4/12/2012	<0.052	U		<0.052	U		<0.046	U		<0.046	U		24			<0.024	U	
		VMP-5-40-071212	7/12/2012	<0.056	U		<0.056	U		<0.049	U		<0.049	U		2			<0.026	U	
		VMP-5-40-101112	10/11/2012	0.0027	J		0.0027	J		<0.0073	U		<0.0073	U		1.1			<0.0038	U	
		VMP-5-40-012513	1/25/2013	<0.024	U		<0.024	U		<0.021	U		<0.021	U		1.7			<0.011	U	
		VMP-5-40-012513-Dup	1/25/2013	<0.024	U		<0.024	U		<0.021	U		<0.021	U		1.7			<0.011	U	
		VMP-5-40-042913	4/29/2013	0.0016	J		0.0016	J		<0.007	U		<0.007	U		0.33			<0.0036	U	
	5 ft	VMP-6-5	11/6/2009	<2.2	U		<2.2	U		<1.9	U		<1.9	U		1400		J	<1	U	
		VMP-6-5-090810	9/8/2010	<1.2	U		<1.2	U		0.74	J		0.34	J		340			<0.56	U	
		VMP-6-5-111610	11/16/2010	<7.8	U		<7.8	U		<6.8	U		<6.8	U		2300			<3.5	U	
		VMP-6-5-020711	2/7/2011	0.0013	J		0.0013	J		0.0071			0.0031	J		0.96			<0.003	U	
		VMP-6-5-040811	4/8/2011	<0.014	U		<0.014	U		<0.013	J	U	<0.013	U		1.3			<0.0066	U	
		VMP-6-5-080411	8/4/2011	<0.38	U		<0.38	U		<0.33	U		<0.33	U		6.5			<0.17	U	
		VMP-6-5-110911	11/9/2011	0.00095	J		0.00095	J		0.028			0.02			0.071			<0.002	U	
		VMP-6-5-013112	1/31/2012	<0.053	U		<0.053	U		<0.047	U		<0.047	U		2.9			<0.024	U	
		VMP-6-5-041212	4/12/2012	<0.0056	U		<0.0056	U		0.0017	J		<0.0049	U		0.04			<0.0026	U	
		VMP-6-5-071612	7/16/2012	0.0014	J		0.0014	J		<0.0049	J	U	<0.0049	J	U	0.0025	J		<0.0026	U	
		VMP-6-5-101012	10/10/2012	0.00089	J		0.00089	J		<0.0068	U		<0.0068	U		0.016			<0.0035	U	
		VMP-6-5-021213	2/12/2013	0.0013	J		0.0013	J		<0.0061	U		<0.0061	U		0.058			<0.0032	U	
	10 ft	VMP-6-10	11/6/2009	<2.4	U		<2.4	U		<2.1	U		<2.1	U		1800			<1.1	U	
		VMP-6-10-090810	9/8/2010	<1.3	U		<1.3	U		0.62	J	J	0.29	J	J	930		J	<0.61	U	
		VMP-6-10-111710	11/17/2010	0.00081	J		0.00081	J		<0.0063	U		<0.0063	U		0.039			<0.0033	U	
		VMP-6-10-020711	2/7/2011	<0.0071	U		<0.0071	U		<0.0062	U		<0.0062	U		0.061			<0.0032	U	
		VMP-6-10-040811	4/8/2011	<0.17	U		<0.17	U		<0.15	U		<0.15	U		52			<0.077	U	
		VMP-6-10-080411	8/4/2011	<1.2	U		<1.2	U		<1	U		<1	U		940			<0.55	U	
		VMP-6-10-111011	11/10/2011	<0.0047	U		<0.0047	U		0.00076	J		<0.0041	U		0.0065			<0.0021	U	
		VMP-6-10-013112	1/31/2012	<0.84	U		<0.84	U		<2.9	U		<0.73	U		310		J	<0.38	U	
		VMP-6-10-041212	4/12/2012	0.0015	J		0.0015	J		0.0018	J		<0.0048	U		0.024			<0.0025	U	
		VMP-6-10-071612	7/16/2012	0.0013	J		0.0013	J		<0.0065	J	U	<0.0065	J	U	0.0054	J		<0.0034	U	
		VMP-6-10-101112	10/11/2012	0.0015	J		0.0015	J		<0.0071	U		<0.0071	U		0.043			<0.0037	U	
		VMP-6-10-020513	2/5/2013	<0.0078	J	U	<0.0078	J	U	<0.0068	U		<0.0068	U		0.0016	J		<0.0035	U	
		VMP-6-10-051513	5/15/2013	<0.0079	U		<0.0079	U		0.11	J	J	0.32			0.092			<0.0036	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	m,p-Xylenes			o-Xylenes			Isobutane			Isobutane			Pentane		
				130			120											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-6	31 ft	VMP-5-31	11/6/2009	<10	U		<10	U										
		VMP-5-31-090910	9/9/2010	7.7	J		<24	U										
		VMP-5-31-112310	11/23/2010	12	J		<15	U										
		VMP-5-31-021611	2/16/2011	5.5	J		<6	U										
		VMP-5-31-042111	4/21/2011	<89	U		<89	U										
		VMP-5-31-080611	8/6/2011	<50	U		<50	U										
		VMP-5-31-111111	11/11/2011	6.9	J		<25	U										
		VMP-5-31-013012	1/30/2012	<13	U		<13	U										
		VMP-5-31-041112	4/11/2012	0.012	J		<0.041	U										
		VMP-5-31-071212	7/12/2012	<0.0044	J	U	<0.0044	U										
		VMP-5-31-101112	10/11/2012	<0.0061	U		<0.0061	U										
		VMP-5-31-012413	1/24/2013	<0.061	U		<0.061	U										
		VMP-5-31-042913	4/29/2013	<0.0062	U		<0.0062	U										
	40 ft	VMP-5-40	11/6/2009	<14	U		<14	U										
		VMP-5-40-042111	4/21/2011	<94	U		<94	U										
		VMP-5-40-013012	1/30/2012	<27	U		<27	U										
		VMP-5-40-041212	4/12/2012	0.02	J		<0.041	U										
		VMP-5-40-071212	7/12/2012	<0.044	U		<0.044	U										
		VMP-5-40-101112	10/11/2012	<0.0064	U		<0.0064	U										
		VMP-5-40-012513	1/25/2013	<0.019	U		<0.019	U										
		VMP-5-40-012513-Dup	1/25/2013	<0.018	U		<0.018	U										
		VMP-5-40-042913	4/29/2013	<0.0062	U		<0.0062	U										
	5 ft	VMP-6-5	11/6/2009	3.1		J	<1.7	U										
		VMP-6-5-090810	9/8/2010	0.47	J		0.33	J										
		VMP-6-5-111610	11/16/2010	3.4	J		<6	U										
		VMP-6-5-020711	2/7/2011	0.025			0.01											
		VMP-6-5-040811	4/8/2011	0.0039	J		<0.011	U										
		VMP-6-5-080411	8/4/2011	0.16	J		<0.29	U										
		VMP-6-5-110911	11/9/2011	0.13			0.056											
		VMP-6-5-013112	1/31/2012	0.014	J		<0.041	U										
		VMP-6-5-041212	4/12/2012	0.0046			0.0023	J										
		VMP-6-5-071612	7/16/2012	0.0032	J		0.0011	J										
		VMP-6-5-101012	10/10/2012	<0.006	U		<0.006	U										
		VMP-6-5-021213	2/12/2013	<0.0054	U		<0.0054	U										
	10 ft	VMP-6-10	11/6/2009	3.4			<1.9	U										
		VMP-6-10-090810	9/8/2010	0.83	J	J	0.32	J	J									
		VMP-6-10-111710	11/17/2010	<0.0056	J	U	<0.0056	U										
		VMP-6-10-020711	2/7/2011	<0.0055	U		<0.0055	U										
		VMP-6-10-040811	4/8/2011	0.032	J		<0.13	U										
		VMP-6-10-080411	8/4/2011	<0.93	U		<0.93	U										
		VMP-6-10-111011	11/10/2011	0.0012	J		<0.0036	U										
		VMP-6-10-013112	1/31/2012	<0.65	U		<0.65	U										
		VMP-6-10-041212	4/12/2012	0.0043			0.002	J										
		VMP-6-10-071612	7/16/2012	0.0038	J		<0.0057	J	U									
		VMP-6-10-101112	10/11/2012	<0.0063	U		<0.0063	U										
		VMP-6-10-020513	2/5/2013	<0.006	U		<0.006	U										
		VMP-6-10-051513	5/15/2013	0.43			0.22											

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene		
				750000			0.37			450000			11			6.9					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	31.5 ft	VMP-6-31.5	11/9/2009	<27	U		28			<19	U		<29	U		<11	U		<6.2	U	
		VMP-6-31.5-090810	9/8/2010	<15	U		29			<11	U		<17	U		<6.2	U		<3.6	U	
		VMP-6-31.5-111710	11/17/2010	<24	U		30			<17	U		<26	U		<9.8	U		<5.6	U	
		VMP-6-31.5-020711	2/7/2011	13	J		30			<16	U		<25	U		<9.4	U		<5.4	U	
		VMP-6-31.5-041111	4/11/2011	12	J		18			<12	U		<19	U		<7.3	U		<4.1	U	
		VMP-6-31.5-080411	8/4/2011	<13	U		11			<9.3	U		<14	U		<5.4	U		<3.1	U	
		VMP-6-31.5-111011	11/10/2011	110		J	8.8			<14	U		<22	U		<8.3	U		<4.7	U	
		VMP-6-31.5-013112	1/31/2012	<8.1	U		8.1		J	<5.7	U		<35	U		<3.3	U		<1.9	U	
		VMP-6-31.5-041212	4/12/2012	0.12	J		<0.36	U		<0.77	U		<1.2	U		<0.44	U		<0.25	U	
		VMP-6-31.5-071612	7/16/2012	0.098			0.016			<0.012	U		<0.019	U		<0.07	U	UJ	<0.004	U	
		VMP-6-31.5-101112	10/11/2012	0.014	J		0.0049			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U	
		VMP-6-31.5-020513	2/5/2013	0.0095	J		0.004	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U	
		VMP-6-31.5-042913	4/29/2013	0.0098	J		0.0026	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U	
	39 ft	VMP-6-39	11/9/2009	<30	U		40			<21	U		<33	U		<12	U		<7	U	
		VMP-6-39-041111	4/11/2011	12	J		16			<15	U		<23	U		<8.7	U		<4.9	U	
		VMP-6-39-013112	1/31/2012	<8.1	U		8.3		J	<5.7	U		<35	U		<3.3	U		<1.9	U	
		VMP-6-39-041212	4/12/2012	<0.8	U		1.7			<0.56	U		<0.87	U		<0.33	U		<0.18	U	
		VMP-6-39-071612	7/16/2012	0.052	J		0.02			<0.026	U		<0.041	U		<0.15	U	UJ	<0.0087	U	
		VMP-6-39-071612-Dup	7/16/2012	0.057	J		0.016			<0.027	U		<0.041	U		<0.15	U	UJ	<0.0088	U	
		VMP-6-39-101112	10/11/2012	0.03	J		0.0082	J		<0.018	U		<0.028	U		<0.1	U		<0.006	U	
		VMP-6-39-020513	2/5/2013	0.014	J		0.066			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U	
		VMP-6-39-050913	5/9/2013	0.13		J	0.0087			<0.018	U		<0.028	U		<0.11	U		<0.006	U	
		VMP-6-39-050913-Dup	5/9/2013	0.015	J	J	0.0036	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U	
VMP-7	5 ft	VMP-7-5	11/9/2009	0.041			0.015			<0.007	U		<0.012	U		<0.004	U		<0.002	U	
		VMP-7-5-082610	8/26/2010	0.026			0.012			<0.0088	U		<0.014	U		<0.0051	U		<0.0029	U	
		VMP-7-5-111910	11/19/2010	0.014			0.001	J		<0.008	U		<0.012	U		<0.0046	U		<0.0026	U	
		VMP-7-5-020711	2/7/2011	0.027			0.041			<0.0086	U		<0.013	U		<0.005	U		<0.0028	U	
		VMP-7-5-040711	4/7/2011	0.0076	J		1.6			<0.012	U		<0.019	U		<0.0071	U		<0.004	U	
		VMP-7-5-080211	8/2/2011	<1.7	U		1.3			<1.2	U		<1.9	U		<0.7	U		<0.4	U	
		VMP-7-5-111011	11/10/2011	0.0078	J		0.005			<0.0057	U		<0.0088	U		<0.0033	U		<0.0019	U	
		VMP-7-5-111011-DUP	11/10/2011	0.01			0.0048			<0.0054	U		<0.0083	U		<0.0031	U		<0.0018	U	
		VMP-7-5-013112	1/31/2012	0.026			0.0055			<0.0059	U		<0.009	U		<0.0034	U		<0.0019	U	
		VMP-7-5-041212	4/12/2012	0.045			0.0089			<0.0064	U		<0.0098	U		<0.037	U		<0.0021	U	
		VMP-7-5-073112	7/31/2012	0.073			0.12			<0.016	U		<0.025	U		<0.095	U		<0.0054	U	
		VMP-7-5-101012	10/10/2012	0.037			0.0024	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U	
		VMP-7-5-060613	6/6/2013	0.039			0.0027	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
	13.5 ft	VMP-7-13.5	11/9/2009	<0.085	U		<0.028	U		<0.06	U		<0.092	U		<0.035	U		<0.02	U	
		VMP-7-13.5-082610	8/26/2010	<0.27	U		0.15			<0.19	U		<0.3	U		<0.11	U		<0.064	U	
		VMP-7-13.5-111910	11/19/2010	<1.9	U		1.3		J	<1.4	U		<2.1	U		<0.78	U		<0.44	U	
		VMP-7-13.5-020711	2/7/2011	0.011	J		0.027			<0.0083	U		<0.013	U		<0.0048	U		<0.0027	U	
		VMP-7-13.5-040711	4/7/2011	0.012	J		1.7			<0.014	U		<0.022	U		<0.0084	U		<0.0048	U	
		VMP-7-13.5-080311	8/3/2011	<2.3	U		1.1			<1.6	U		<2.5	U		<0.94	U		<0.53	U	
		VMP-7-13.5-111011	11/10/2011	0.053		J	0.0037			<0.0053	U		<0.0082	U		<0.0031	U		<0.0017	U	
		VMP-7-13.5-013112	1/31/2012	0.026	J	J	0.048		J	<0.075	U		<0.46	U		<0.043	U		<0.025	U	
		VMP-7-13.5-013112-DUP	1/31/2012	0.059	J	J	0.088		J	<0.077	U		<0.47	U		<0.044	U		<0.025	U	
		VMP-7-13.5-041212	4/12/2012	0.02	J		0.022			<0.0061	U		<0.0094	U		<0.036	U		<0.002	U	
		VMP-7-13.5-041212-DUP	4/12/2012	0.019	J		0.019			<0.0065	U		<0.01	U		<0.037	U		<0.0021	U	
		VMP-7-13.5-072012	7/20/2012	0.041			0.0087			<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U	
		VMP-7-13.5-101012	10/10/2012	0.065			0.0058			<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
		VMP-7-13.5-021313	2/13/2013	0.024	J		0.002	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
		VMP-7-13.5-060513	6/5/2013	0.022	J		0.0063			<0.01	U		<0.016	U		<0.06	U		<0.0034	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Butane			Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			2-Butanone			Carbon disulfide		
																6400			780		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-7	31.5 ft	VMP-6-31.5	11/9/2009													<8.2	U		<8.7	U	
		VMP-6-31.5-090810	9/8/2010													<4.7	U		<5	U	
		VMP-6-31.5-111710	11/17/2010													<7.4	U		<7.8	U	
		VMP-6-31.5-020711	2/7/2011													<7.1	U		<7.5	U	
		VMP-6-31.5-041111	4/11/2011	1200												<22	U		3.8	J	
		VMP-6-31.5-080411	8/4/2011	1100												<16	U		<4.3	U	
		VMP-6-31.5-111011	11/10/2011	1300												6.4	J		34		
		VMP-6-31.5-013112	1/31/2012	700		J										<10	U		<2.7	U	
		VMP-6-31.5-041212	4/12/2012	32												<1.4	U		<0.36	U	
		VMP-6-31.5-071612	7/16/2012	0.05												0.012	J		0.017	J	J
		VMP-6-31.5-101112	10/11/2012	0.018												<0.017	U		<0.018	J	U
		VMP-6-31.5-020513	2/5/2013	0.03												<0.015	U		<0.016	J	U
		VMP-6-31.5-042913	4/29/2013	0.016												<0.018	U		<0.019	J	U
	39 ft	VMP-6-39	11/9/2009													<9.4	U		<9.9	U	
		VMP-6-39-041111	4/11/2011	1200												3.6	J		3.4	J	
		VMP-6-39-013112	1/31/2012	900		J										<10	U		<2.7	U	
		VMP-6-39-041212	4/12/2012	53												<0.99	U		<0.26	U	
		VMP-6-39-071612	7/16/2012	0.069												<0.046	U		0.011	J	J
		VMP-6-39-071612-Dup	7/16/2012	0.062												<0.047	U		0.012	J	J
		VMP-6-39-101112	10/11/2012	<0.026	U											<0.032	U		<0.034	J	U
		VMP-6-39-020513	2/5/2013	<0.012	U											<0.016	U		<0.016	J	U
		VMP-6-39-050913	5/9/2013	0.19		J										<0.032	U		<0.034	U	
		VMP-6-39-050913-Dup	5/9/2013	0.012	J	J										<0.017	U		<0.018	U	
	5 ft	VMP-7-5	11/9/2009													<0.003	U		<0.003	U	
		VMP-7-5-082610	8/26/2010													0.006			0.0028	J	
		VMP-7-5-111910	11/19/2010													0.0022	J		<0.0037	U	
		VMP-7-5-020711	2/7/2011													<0.0038	U		<0.004	U	
		VMP-7-5-040711	4/7/2011	0.012	J											<0.021	U		<0.023	J	U
		VMP-7-5-080211	8/2/2011	110												<2.1	U		<0.56	U	
		VMP-7-5-111011	11/10/2011	<0.0081	U											0.0013	J		<0.011	U	
		VMP-7-5-111011-DUP	11/10/2011	<0.0076	U											<0.0095	U		<0.01	U	
		VMP-7-5-013112	1/31/2012	<0.0083	U											0.045			<0.011	J	U
		VMP-7-5-041212	4/12/2012	<0.009	U											0.046			0.011	J	
		VMP-7-5-073112	7/31/2012	0.013	J											0.027	J		<0.03	U	
		VMP-7-5-101012	10/10/2012	<0.014	U											<0.017	U		0.0034	J	
		VMP-7-5-060613	6/6/2013	0.065												0.055			<0.018	J	U
	13.5 ft	VMP-7-13.5	11/9/2009													<0.026	U		<0.028	U	
		VMP-7-13.5-082610	8/26/2010													<0.085	U		<0.09	U	
		VMP-7-13.5-111910	11/19/2010													<0.59	U		<0.63	U	
		VMP-7-13.5-020711	2/7/2011													<0.0036	U		<0.0038	U	
		VMP-7-13.5-040711	4/7/2011	0.016	J											<0.025	U		<0.027	J	U
		VMP-7-13.5-080311	8/3/2011	67												<2.8	U		<0.75	U	
		VMP-7-13.5-111011	11/10/2011	0.31												0.0018	J		<0.0098	U	
		VMP-7-13.5-013112	1/31/2012	1.5		J										0.024	J	J	<0.035	U	
		VMP-7-13.5-013112-DUP	1/31/2012	1.5		J										0.02	J	J	<0.036	U	
		VMP-7-13.5-041212	4/12/2012	0.0062	J											0.016			<0.011	J	U
		VMP-7-13.5-041212-DUP	4/12/2012	<0.0092	U											0.016			<0.012	J	U
		VMP-7-13.5-072012	7/20/2012	<0.0089	U											0.012			<0.012	U	
		VMP-7-13.5-101012	10/10/2012	<0.013	U											0.0066	J		0.0042	J	
		VMP-7-13.5-021313	2/13/2013	<0.013	U											<0.016	U		<0.017	J	U
		VMP-7-13.5-060513	6/5/2013	0.014	J											0.0058	J		<0.019	J	U

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane		
				0.21			69			57000						0.11					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	31.5 ft	VMP-6-31.5	11/9/2009	<18	U		<13	U		<24	U		<7.4	U		<14	U		<23	U	
		VMP-6-31.5-090810	9/8/2010	<10	U		<7.4	U		<14	U		<4.2	U		<7.9	U		<13	U	
		VMP-6-31.5-111710	11/17/2010	<16	U		<12	U		<21	U		<6.6	U		<12	U		<21	U	
		VMP-6-31.5-020711	2/7/2011	<15	U		<11	U		<21	U		<6.4	U		<12	U		<20	U	
		VMP-6-31.5-041111	4/11/2011	<12	U		<8.6	U		<16	U		<20	U		<9.2	U		<15	U	
		VMP-6-31.5-080411	8/4/2011	<8.7	U		<6.4	U		<12	U		<15	U		<6.8	U		<11	U	
		VMP-6-31.5-111011	11/10/2011	<13	U		<9.8	U		<18	U		<22	U		<10	U		<18	U	
		VMP-6-31.5-013112	1/31/2012	<5.4	U		<3.9	U		<7.3	U		<9	U		<4.2	U		<7.1	U	
		VMP-6-31.5-041212	4/12/2012	<0.72	U		<0.53	U		<0.98	U		<1.2	U		<0.56	U		<0.94	U	
		VMP-6-31.5-071612	7/16/2012	<0.011	U		<0.0083	J	U	<0.015	U		<0.019	U		0.0055	J		<0.037	U	
		VMP-6-31.5-101112	10/11/2012	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0047	J		<0.029	U	
		VMP-6-31.5-020513	2/5/2013	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0043	J		<0.027	U	
		VMP-6-31.5-042913	4/29/2013	<0.0095	U		<0.007	J	U	<0.013	U		<0.016	U		0.0084			<0.031	U	
	39 ft	VMP-6-39	11/9/2009	<20	U		<15	U		<27	U		<8.4	U		<16	U		<26	U	
		VMP-6-39-041111	4/11/2011	<14	U		<10	U		<19	U		<24	U		<11	U		<18	U	
		VMP-6-39-013112	1/31/2012	<5.4	U		<3.9	U		<7.3	U		<9	U		<4.2	U		<7.1	U	
		VMP-6-39-041212	4/12/2012	<0.53	U		<0.39	U		<0.72	U		<0.89	U		<0.41	U		<0.69	U	
		VMP-6-39-071612	7/16/2012	<0.025	U		0.016	J		<0.034	U		<0.042	U		<0.019	U		<0.081	U	
		VMP-6-39-071612-Dup	7/16/2012	<0.025	U		0.013	J		<0.034	U		<0.042	U		<0.019	U		<0.082	U	
		VMP-6-39-101112	10/11/2012	<0.017	U		<0.012	U		<0.023	U		<0.028	U		<0.013	U		<0.056	U	
		VMP-6-39-020513	2/5/2013	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U	
		VMP-6-39-050913	5/9/2013	<0.017	U		<0.012	U		<0.023	U		<0.029	U		<0.013	U		<0.056	U	
		VMP-6-39-050913-Dup	5/9/2013	<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0072	U		<0.03	U	
	5 ft	VMP-7-5	11/9/2009	<0.007	U		<0.005	U		<0.009	U		<0.003	U		<0.005	U		<0.009	U	
		VMP-7-5-082610	8/26/2010	<0.0083	U		<0.0061	U		<0.011	U		<0.0035	U		<0.0064	U		<0.011	U	
		VMP-7-5-111910	11/19/2010	<0.0075	U		<0.0055	U		<0.01	U		<0.0031	U		<0.0058	U		<0.0098	U	
		VMP-7-5-020711	2/7/2011	<0.0081	U		<0.0059	U		<0.011	U		<0.0034	U		<0.0063	U		<0.011	U	
		VMP-7-5-040711	4/7/2011	<0.011	U		<0.0084	U		<0.016	U		<0.019	U		<0.0089	U		<0.015	U	
		VMP-7-5-080211	8/2/2011	<1.1	U		<0.83	U		<1.5	U		<1.9	U		<0.88	U		<1.5	U	
		VMP-7-5-111011	11/10/2011	<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		<0.0042	U		<0.0071	U	
		VMP-7-5-111011-DUP	11/10/2011	<0.0051	U		<0.0037	U		<0.0068	U		<0.0085	U		<0.0039	U		<0.0066	U	
		VMP-7-5-013112	1/31/2012	<0.0055	U		<0.004	J	U	<0.0074	U		<0.0092	U		<0.0043	U		<0.0072	U	
		VMP-7-5-041212	4/12/2012	<0.006	U		<0.0044	J	U	<0.0081	U		<0.01	U		<0.0046	U		<0.02	U	
		VMP-7-5-073112	7/31/2012	<0.015	U		0.0037	J		<0.021	U		<0.026	U		<0.012	U		0.0034	J	
		VMP-7-5-101012	10/10/2012	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U	
		VMP-7-5-060613	6/6/2013	<0.0091	U		<0.0066	J	U	<0.012	U		<0.015	U		0.0022	J		<0.03	U	
	13.5 ft	VMP-7-13.5	11/9/2009	<0.056	U		<0.041	U		<0.076	U		<0.024	U		<0.044	U		<0.074	U	
		VMP-7-13.5-082610	8/26/2010	<0.18	U		<0.13	U		<0.25	U		<0.076	U		<0.14	U		<0.24	U	
		VMP-7-13.5-111910	11/19/2010	<1.3	U		<0.93	U		<1.7	U		<0.53	U		<0.98	U		<1.7	U	
		VMP-7-13.5-020711	2/7/2011	<0.0078	U		<0.0057	U		<0.01	U		<0.0032	U		<0.006	U		<0.01	U	
		VMP-7-13.5-040711	4/7/2011	<0.014	U		<0.0099	U		<0.018	U		<0.023	U		<0.01	U		<0.018	U	
		VMP-7-13.5-080311	8/3/2011	<1.5	U		<1.1	U		<2	U		<2.5	U		<1.2	U		<2	U	
		VMP-7-13.5-111011	11/10/2011	<0.005	U		<0.0036	U		<0.0067	U		<0.0083	U		<0.0038	U		<0.0065	U	
		VMP-7-13.5-013112	1/31/2012	<0.07	U		<0.052	U		<0.095	U		<0.12	U		<0.055	U		<0.092	U	
		VMP-7-13.5-013112-DUP	1/31/2012	<0.072	U		<0.053	U		<0.098	U		<0.12	U		<0.056	U		<0.094	U	
		VMP-7-13.5-041212	4/12/2012	<0.0058	U		<0.0042	J	U	<0.0078	U		<0.0096	U		<0.0045	J	U	<0.019	U	
		VMP-7-13.5-041212-DUP	4/12/2012	<0.0061	U		<0.0044	J	U	<0.0082	U		<0.01	U		<0.0047	J	U	<0.02	U	
VMP-7		VMP-7-13.5-072012	7/20/2012	<0.0059	U		<0.0043	U		<0.008	U		<0.0099	U		0.0066			<0.019	U	
		VMP-7-13.5-101012	10/10/2012	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	
		VMP-7-13.5-021313	2/13/2013	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.002	J		<0.028	U	
		VMP-7-13.5-060513	6/5/2013	<0.0098	U		<0.0072	J	U	<0.013	U		<0.016	U		0.0023	J		<0.032	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	alpha-Chlorotoluene			Cyclobutane, ethyl-			Cyclohexane			Cyclopentane, methyl-			1,2-Dibromoethane			1,2-Dichlorobenzene		
																0.011			290		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	31.5 ft	VMP-6-31.5	11/9/2009	<14	U					970						<22	U		<17	U	
		VMP-6-31.5-090810	9/8/2010	<8.3	U					1000						<12	U		<9.7	U	
		VMP-6-31.5-111710	11/17/2010	<13	U					1500						<19	U		<15	U	
		VMP-6-31.5-020711	2/7/2011	<12	U					1200						<18	U		<14	U	
		VMP-6-31.5-041111	4/11/2011	<9.7	U					580						<14	U		<11	U	
		VMP-6-31.5-080411	8/4/2011	<7.2	U					770						<11	U		<8.4	U	
		VMP-6-31.5-111011	11/10/2011	<11	U					530						<16	U		<13	U	
		VMP-6-31.5-013112	1/31/2012	<18	U					550		J				<6.6	U		<5.1	U	
		VMP-6-31.5-041212	4/12/2012	<0.59	U					26						<0.88	U		<0.69	U	
		VMP-6-31.5-071612	7/16/2012	<0.0094	U					0.037						<0.014	U		<0.011	U	
		VMP-6-31.5-101112	10/11/2012	<0.0073	U					0.0018	J					<0.011	U		<0.0085	U	
		VMP-6-31.5-020513	2/5/2013	<0.0067	U					<0.0044	U					<0.0099	U		<0.0078	U	
		VMP-6-31.5-042913	4/29/2013	<0.0078	J	U				0.0017	J					<0.012	U		<0.0091	U	
	39 ft	VMP-6-39	11/9/2009	<16	U					1200						<24	U		<19	U	
		VMP-6-39-041111	4/11/2011	<12	U					620						<17	U		<13	U	
		VMP-6-39-013112	1/31/2012	<18	U					690		J				<6.6	U		<5.1	U	
		VMP-6-39-041212	4/12/2012	<0.43	U					64						<0.64	U		<0.5	U	
		VMP-6-39-071612	7/16/2012	<0.02	U					0.1						<0.03	U		<0.024	U	
		VMP-6-39-071612-Dup	7/16/2012	<0.021	U					0.11						<0.03	U		<0.024	U	
		VMP-6-39-101112	10/11/2012	<0.014	U					0.0032	J					<0.021	U		<0.016	U	
		VMP-6-39-020513	2/5/2013	<0.0068	U					0.01						<0.01	U		<0.0079	U	
		VMP-6-39-050913	5/9/2013	<0.014	U					<0.0094	U					<0.021	U		<0.016	U	
		VMP-6-39-050913-Dup	5/9/2013	<0.0076	U					<0.005	U					<0.011	U		<0.0088	U	
	5 ft	VMP-7-5	11/9/2009	<0.006	U					0.041						<0.009	U		<0.007	U	
		VMP-7-5-082610	8/26/2010	<0.0068	U					0.016						<0.01	U		<0.0079	U	
		VMP-7-5-111910	11/19/2010	<0.0062	U					0.0054						<0.0091	U		<0.0072	U	
		VMP-7-5-020711	2/7/2011	<0.0067	U					0.0018	J					<0.0099	U		<0.0078	J	U
		VMP-7-5-040711	4/7/2011	<0.0094	U					0.0081						<0.014	U		<0.011	U	
		VMP-7-5-080211	8/2/2011	<0.93	U					45						<1.4	U		<1.1	U	
		VMP-7-5-111011	11/10/2011	<0.0044	U					<0.0029	U					<0.0066	U		<0.0051	U	
		VMP-7-5-111011-DUP	11/10/2011	<0.0042	U					<0.0028	U					<0.0062	U		<0.0048	U	
		VMP-7-5-013112	1/31/2012	<0.0045	U					<0.003	U					<0.0067	U		<0.0053	U	
		VMP-7-5-041212	4/12/2012	<0.0049	U					<0.0033	J	U				<0.0073	U		<0.0057	U	
		VMP-7-5-073112	7/31/2012	<0.013	U					0.016						<0.019	U		<0.015	U	
		VMP-7-5-101012	10/10/2012	<0.0077	U					<0.0051	U					<0.011	U		<0.0089	U	
		VMP-7-5-060613	6/6/2013	<0.0075	U					0.0074						<0.011	U		<0.0087	U	
	13.5 ft	VMP-7-13.5	11/9/2009	<0.046	U					0.087						<0.069	U		<0.054	U	
		VMP-7-13.5-082610	8/26/2010	<0.15	U					<0.099	U					<0.22	U		<0.17	U	
		VMP-7-13.5-111910	11/19/2010	<1	U					26		J				<1.5	U		<1.2	U	
		VMP-7-13.5-020711	2/7/2011	<0.0064	U					0.0013	J					<0.0095	J	U	<0.0074	J	U
		VMP-7-13.5-040711	4/7/2011	<0.011	U					0.0091						<0.016	U		<0.013	U	
		VMP-7-13.5-080311	8/3/2011	<1.2	U					9.4						<1.8	U		<1.4	U	
		VMP-7-13.5-111011	11/10/2011	<0.0041	U					0.013						<0.0061	U		<0.0047	U	
		VMP-7-13.5-013112	1/31/2012	<0.23	U					1.7		J				<0.086	U		<0.067	U	
		VMP-7-13.5-013112-DUP	1/31/2012	<0.24	U					1.6		J				<0.088	U		<0.069	U	
		VMP-7-13.5-041212	4/12/2012	<0.0047	U					0.013						<0.007	U		<0.0055	U	
		VMP-7-13.5-041212-DUP	4/12/2012	<0.005	U					0.0064						<0.0074	U		<0.0058	U	
VMP-7		VMP-7-13.5-072012	7/20/2012	<0.0048	J	U				<0.0032	U					<0.0072	U		<0.0056	U	
		VMP-7-13.5-101012	10/10/2012	<0.0071	U					<0.0048	U					<0.011	U		<0.0083	U	
		VMP-7-13.5-021313	2/13/2013	<0.0071	U					<0.0048	U					<0.011	U		<0.0083	U	
		VMP-7-13.5-060513	6/5/2013	<0.0081	U					<0.0054	U					<0.012	U		<0.0094	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
							1200						690			0.099			240		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	31.5 ft	VMP-6-31.5	11/9/2009	<17	U		<17	U		<14	U		<11	U		<11	U		<11	U	UJ
		VMP-6-31.5-090810	9/8/2010	<9.7	U		<9.7	U		<8	U		<6.5	U		<6.5	U		<6.4	U	
		VMP-6-31.5-111710	11/17/2010	<15	U		<15	U		<12	U		<10	U		<10	U		<10	U	
		VMP-6-31.5-020711	2/7/2011	<14	U		<14	U		<12	U		<9.8	U		<9.8	U		<9.6	U	
		VMP-6-31.5-041111	4/11/2011	<11	U		1.1	J		<9.3	U		<7.6	U		<7.6	U		<7.4	U	
		VMP-6-31.5-080411	8/4/2011	<8.4	U		<8.4	U		<6.9	U		<5.6	U		<5.6	U		<5.5	U	
		VMP-6-31.5-111011	11/10/2011	<13	U		<13	U		<10	U		<8.7	U		10			<8.5	U	
		VMP-6-31.5-013112	1/31/2012	<5.1	U		<5.1	U		<4.2	U		<3.5	U		<3.5	U		<3.4	U	
		VMP-6-31.5-041212	4/12/2012	<0.69	U		<0.69	U		<0.57	U		<0.46	U		<0.46	U		<0.45	U	
		VMP-6-31.5-071612	7/16/2012	<0.011	J	U	<0.011	J	U	0.0022	J		<0.0073	U		<0.0073	U		<0.0072	U	
		VMP-6-31.5-101112	10/11/2012	<0.0085	U		<0.0085	U		0.0025	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-6-31.5-020513	2/5/2013	<0.0078	U		<0.0078	U		0.0026	J		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-6-31.5-042913	4/29/2013	<0.0091	J	U	<0.0091	J	U	0.0028	J		<0.0061	U		<0.0061	U		<0.006	U	
	39 ft	VMP-6-39	11/9/2009	<19	U		<19	U		<16	U		<13	U		<13	U		<13	U	UJ
		VMP-6-39-041111	4/11/2011	<13	U		<13	U		<11	U		<9	U		<9	U		<8.9	U	
		VMP-6-39-013112	1/31/2012	<5.1	U		<5.1	U		<4.2	U		<3.5	U		<3.5	U		<3.4	U	
		VMP-6-39-041212	4/12/2012	<0.5	U		<0.5	U		<0.42	U		<0.34	U		<0.34	U		<0.33	U	
		VMP-6-39-071612	7/16/2012	0.0079	J		<0.024	U		0.0025	J		<0.016	U		<0.016	U		<0.016	U	
		VMP-6-39-071612-Dup	7/16/2012	<0.024	U		<0.024	U		0.003	J		<0.016	U		<0.016	U		<0.016	U	
		VMP-6-39-101112	10/11/2012	<0.016	U		<0.016	U		0.0028	J		<0.011	U		<0.011	U		<0.011	U	
		VMP-6-39-020513	2/5/2013	<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-6-39-050913	5/9/2013	<0.016	U		<0.016	U		<0.014	U		<0.011	U		<0.011	U		<0.011	U	
		VMP-6-39-050913-Dup	5/9/2013	<0.0088	U		<0.0088	U		0.0024	J		<0.0059	U		<0.0059	U		<0.0058	U	
VMP-7	5 ft	VMP-7-5	11/9/2009	<0.007	U		<0.007	U		<0.005	U		<0.004	U		<0.004	U		<0.004	U	
		VMP-7-5-082610	8/26/2010	<0.0079	U		<0.0079	U		0.003	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-7-5-111910	11/19/2010	<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U		<0.0047	U	
		VMP-7-5-020711	2/7/2011	<0.0078	U		<0.0078	J	U	0.0025	J		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-7-5-040711	4/7/2011	<0.011	U		<0.011	U		0.0014	J		<0.0074	U		<0.0074	U		<0.0072	U	
		VMP-7-5-080211	8/2/2011	<1.1	U		<1.1	U		<0.89	U		<0.73	U		<0.73	U		<0.72	U	
		VMP-7-5-111011	11/10/2011	<0.0051	U		<0.0051	U		0.0011	J		<0.0035	U		<0.0035	U		<0.0034	U	
		VMP-7-5-111011-DUP	11/10/2011	<0.0048	U		<0.0048	U		0.0014	J	J	<0.0032	U		<0.0032	U		<0.0032	U	
		VMP-7-5-013112	1/31/2012	<0.0053	J	U	<0.0053	U		0.0022	J		<0.0035	U		<0.0035	U		<0.0035	U	
		VMP-7-5-041212	4/12/2012	<0.0057	U		<0.0057	J	U	0.0022	J		<0.0038	U		<0.0038	U		<0.0038	U	
		VMP-7-5-073112	7/31/2012	<0.015	U		<0.015	U		<0.012	U		<0.0099	U		<0.0099	U		<0.0097	U	
		VMP-7-5-101012	10/10/2012	<0.0089	U		<0.0089	U		0.0026	J		<0.006	U		<0.006	U		<0.0059	U	
		VMP-7-5-060613	6/6/2013	<0.0087	U		<0.0087	U		0.0025	J		<0.0058	U		<0.0058	U		<0.0057	U	
	13.5 ft	VMP-7-13.5	11/9/2009	<0.054	U		<0.054	U		<0.044	U		<0.036	U		<0.036	U		<0.035	U	
		VMP-7-13.5-082610	8/26/2010	<0.17	U		<0.17	U		<0.14	U		<0.12	U		<0.12	U		<0.11	U	
		VMP-7-13.5-111910	11/19/2010	<1.2	U		<1.2	U		<1	U		<0.82	U		<0.82	U		<0.8	U	
		VMP-7-13.5-020711	2/7/2011	<0.0074	U		<0.0074	J	U	0.0019	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-7-13.5-040711	4/7/2011	<0.013	U		<0.013	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0086	U	
		VMP-7-13.5-080311	8/3/2011	<1.4	U		<1.4	U		<1.2	U		<0.98	U		<0.98	U		<0.96	U	
		VMP-7-13.5-111011	11/10/2011	<0.0048	U		<0.0048	U		0.0013	J	J	<0.0032	U		<0.0032	U		<0.0031	U	
		VMP-7-13.5-013112	1/31/2012	<0.067	U		<0.067	U		<0.055	U		<0.045	U		<0.045	U		<0.044	U	
		VMP-7-13.5-013112-DUP	1/31/2012	<0.069	U		<0.069	U		<0.057	U		<0.046	U		<0.046	U		<0.045	U	
		VMP-7-13.5-041212	4/12/2012	<0.0055	U		<0.0055	J	U	0.0024	J		<0.0037	U		<0.0037	U		<0.0036	U	
		VMP-7-13.5-041212-DUP	4/12/2012	<0.0058	U		<0.0058	J	U	0.0023	J		<0.0039	U		<0.0039	U		<0.0038	U	
		VMP-7-13.5-072012	7/20/2012	<0.0056	U		<0.0056	U		0.0026	J		<0.0038	U		<0.0038	U		<0.0037	U	
		VMP-7-13.5-101012	10/10/2012	<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-7-13.5-021313	2/13/2013	<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-7-13.5-060513	6/5/2013	<0.0094	U		<0.0094	U		0.0025	J		<0.0063	U		<0.0063	U		<0.0062	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene		
				1100000			85			5.6			0.062			0.9			0.9		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-7	31.5 ft	VMP-6-31.5	11/9/2009	<11	U		<11	U		<9.7	U	UJ	<13	U		<13	U		<13	U	
		VMP-6-31.5-090810	9/8/2010	<6.4	U		<6.4	U		<5.6	U		<7.4	U		<7.3	U		<7.3	U	
		VMP-6-31.5-111710	11/17/2010	<10	U		<10	U		<8.8	U		<12	U		<11	U		<11	U	
		VMP-6-31.5-020711	2/7/2011	<9.6	U		<9.6	U		<8.4	U		<11	U		<11	U		<11	U	
		VMP-6-31.5-041111	4/11/2011	<7.4	U		<7.4	U		5.8	J		<8.7	U		<8.5	U		<8.5	U	
		VMP-6-31.5-080411	8/4/2011	<5.5	U		<5.5	U		<4.8	U		<6.4	U		<6.3	U		<6.3	U	
		VMP-6-31.5-111011	11/10/2011	<8.5	U		<8.5	U		<7.4	U		<9.9	U		<9.7	U		<9.7	U	
		VMP-6-31.5-013112	1/31/2012	<3.4	U		<3.4	U		<3	U		<4	U		<3.9	U		<3.9	U	
		VMP-6-31.5-041212	4/12/2012	<0.45	U		<0.45	U		<0.4	U		<0.53	U		<0.52	U		<0.52	U	
		VMP-6-31.5-071612	7/16/2012	<0.0072	U		<0.0072	U		0.0024	J		<0.0084	U		<0.0082	U		<0.0082	U	
		VMP-6-31.5-101112	10/11/2012	<0.0056	U		<0.0056	U		0.0028	J		<0.0065	U		<0.0064	U		<0.0064	U	
		VMP-6-31.5-020513	2/5/2013	<0.0051	U		<0.0051	U		0.005	J		<0.006	U		<0.0058	U		<0.0058	U	
		VMP-6-31.5-042913	4/29/2013	<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	J	U
	39 ft	VMP-6-39	11/9/2009	<13	U		<13	U		<11	U	UJ	<15	U		<14	U		<14	U	
		VMP-6-39-041111	4/11/2011	<8.9	U		<8.9	U		3.7	J		<10	U		<10	U		<10	U	
		VMP-6-39-013112	1/31/2012	<3.4	U		<3.4	U		<3	U		<4	U		<3.9	U		<3.9	U	
		VMP-6-39-041212	4/12/2012	<0.33	U		<0.33	U		<0.29	U		<0.39	U		<0.38	U		<0.38	U	
		VMP-6-39-071612	7/16/2012	<0.016	U		<0.016	U		<0.14	U		<0.018	U		<0.018	U		<0.018	U	
		VMP-6-39-071612-Dup	7/16/2012	<0.016	U		<0.016	U		0.0026	J		<0.018	U		<0.018	U		<0.018	U	
		VMP-6-39-101112	10/11/2012	<0.011	U		<0.011	U		0.0032	J		<0.012	U		<0.012	U		<0.012	U	
		VMP-6-39-020513	2/5/2013	<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U	
		VMP-6-39-050913	5/9/2013	<0.011	U		<0.011	U		<0.095	U		<0.013	U		<0.012	U		<0.012	U	
		VMP-6-39-050913-Dup	5/9/2013	<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U	
	5 ft	VMP-7-5	11/9/2009	<0.004	U		<0.004	U		<0.004	U		<0.005	U		<0.005	U		<0.005	U	
		VMP-7-5-082610	8/26/2010	<0.0052	U		<0.0052	U		0.0023	J		<0.0061	U		<0.006	U		<0.006	U	
		VMP-7-5-111910	11/19/2010	<0.0047	U		<0.0047	U		<0.0041	U		<0.0055	U		<0.0054	U		<0.0054	U	
		VMP-7-5-020711	2/7/2011	<0.0051	U		<0.0051	U		0.0013	J		<0.006	U		<0.0058	U		<0.0058	U	
		VMP-7-5-040711	4/7/2011	<0.0072	U		<0.0072	U		<0.0063	J	U	<0.0084	U		<0.0083	U		<0.0083	U	
		VMP-7-5-080211	8/2/2011	<0.72	U		<0.72	U		<0.63	U		<0.83	U		<0.82	U		<0.82	U	
		VMP-7-5-111011	11/10/2011	<0.0034	U		<0.0034	U		0.0024	J	J	<0.004	U		<0.0039	U		<0.0039	U	
		VMP-7-5-111011-DUP	11/10/2011	<0.0032	U		<0.0032	U		0.01		J	<0.0037	U		<0.0036	U		<0.0036	U	
		VMP-7-5-013112	1/31/2012	<0.0035	U		<0.0035	U		0.003			<0.004	U		<0.004	U		<0.004	J	U
		VMP-7-5-041212	4/12/2012	<0.0038	U		<0.0038	U		<0.033	J	U	<0.0044	U		<0.0043	U		<0.0043	U	
		VMP-7-5-073112	7/31/2012	<0.0097	U		<0.0097	U		<0.085	J	U	<0.011	U		<0.011	U		<0.011	U	
		VMP-7-5-101012	10/10/2012	<0.0059	U		<0.0059	U		0.0034	J		<0.0068	U		<0.0067	U		<0.0067	U	
		VMP-7-5-060613	6/6/2013	<0.0057	U		<0.0057	U		0.0018	J		<0.0067	U		<0.0066	U		<0.0066	U	
	13.5 ft	VMP-7-13.5	11/9/2009	<0.035	U		<0.035	U		<0.031	U		<0.041	U		<0.041	U		<0.041	U	
		VMP-7-13.5-082610	8/26/2010	<0.11	U		<0.11	U		<0.1	U		<0.13	U		<0.13	U		<0.13	U	
		VMP-7-13.5-111910	11/19/2010	<0.8	U		<0.8	U		0.91		J	<0.93	U		<0.91	U		<0.91	U	
		VMP-7-13.5-020711	2/7/2011	<0.0049	U		<0.0049	U		<0.0043	U		<0.0057	U		<0.0056	U		<0.0056	U	
		VMP-7-13.5-040711	4/7/2011	<0.0086	U		<0.0086	U		<0.0075	J	U	<0.01	U		<0.0098	U		<0.0098	U	
		VMP-7-13.5-080311	8/3/2011	<0.96	U		<0.96	U		<0.84	U		<1.1	U		<1.1	U		<1.1	U	
		VMP-7-13.5-111011	11/10/2011	<0.0031	U		<0.0031	U		0.0031			<0.0036	U		<0.0036	U		<0.0036	U	
		VMP-7-13.5-013112	1/31/2012	<0.044	U		<0.044	U		<0.039	U		<0.052	U		<0.051	U		<0.051	U	
		VMP-7-13.5-013112-DUP	1/31/2012	<0.045	U		<0.045	U		<0.04	U		<0.053	U		<0.052	U		<0.052	U	
		VMP-7-13.5-041212	4/12/2012	<0.0036	U		<0.0036	U		<0.032	J	U	<0.0042	U		<0.0042	U		<0.0042	U	
		VMP-7-13.5-041212-DUP	4/12/2012	<0.0038	U		<0.0038	U		<0.034	J	U	<0.0044	U		<0.0044	U		<0.0044	U	
		VMP-7-13.5-072012	7/20/2012	<0.0037	U		<0.0037	U		0.0013	J		<0.0043	U		<0.0042	U		<0.0042	U	
		VMP-7-13.5-101012	10/10/2012	<0.0055	U		<0.0055	U		0.0041	J		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-7-13.5-021313	2/13/2013	<0.0055	U		<0.0055	U		0.00061	J		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-7-13.5-060513	6/5/2013	<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.0071	U		<0.0071	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 113		
				0.22						1400											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-7	31.5 ft	VMP-6-31.5	11/9/2009	<40	U		<21	U		180			37			<21	U		<21	U	
		VMP-6-31.5-090810	9/8/2010	<23	U		<12	U		160			16			<12	U		<12	U	
		VMP-6-31.5-111710	11/17/2010	<36	U		<19	U		150			13			<19	U		<19	U	
		VMP-6-31.5-020711	2/7/2011	<35	U		<18	U		180			23			<18	U		<18	U	
		VMP-6-31.5-041111	4/11/2011	<27	U		3.2	J		84			9.4			<14	U		<14	U	
		VMP-6-31.5-080411	8/4/2011	<20	U		<10	U		20			<6.8	U		<11	U		<11	U	
		VMP-6-31.5-111011	11/10/2011	<31	U		6.2	J		2.7	J		<10	U		<16	U		<16	U	
		VMP-6-31.5-013112	1/31/2012	<12	U		<6.4	U		8.3		J	<4.2	U		<6.6	U		<6.6	U	
		VMP-6-31.5-041212	4/12/2012	<1.6	U		0.29	J		0.38	J		<0.56	U		<0.88	U		<0.88	U	
		VMP-6-31.5-071612	7/16/2012	<0.026	U		0.043			<0.0078	J	U	0.0058	J		<0.014	U		<0.014	U	
		VMP-6-31.5-101112	10/11/2012	<0.02	UJ	UJ	0.0073	J	J	<0.0061	U		<0.0069	U		<0.011	U		<0.011	U	
		VMP-6-31.5-020513	2/5/2013	<0.018	U		<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.0099	U	
		VMP-6-31.5-042913	4/29/2013	<0.022	U		<0.011	J	U	0.0016	J		0.00086	J		<0.012	U		<0.012	U	
	39 ft	VMP-6-39	11/9/2009	<46	U		<24	U		290			82			<24	U		<24	U	
		VMP-6-39-041111	4/11/2011	<32	U		<17	U		120			14			<17	U		<17	U	
		VMP-6-39-013112	1/31/2012	<12	U		<6.4	U		19		J	<4.2	U		<6.6	U		<6.6	U	
		VMP-6-39-041212	4/12/2012	<1.2	U		<0.63	U		7.1			<0.41	U		<0.64	U		<0.64	U	
		VMP-6-39-071612	7/16/2012	<0.057	U		0.019	J		0.0038	J		<0.019	U		<0.03	U		<0.03	U	
		VMP-6-39-071612-Dup	7/16/2012	<0.057	U		0.022	J		<0.017	U		<0.02	U		<0.03	U		<0.03	U	
		VMP-6-39-101112	10/11/2012	<0.039	UJ	UJ	<0.02	U	UJ	<0.012	U		<0.013	U		<0.021	U		<0.021	U	
		VMP-6-39-020513	2/5/2013	<0.019	U		0.0042	J		0.034			0.012			<0.01	U		<0.01	U	
		VMP-6-39-050913	5/9/2013	<0.039	U		0.032		J	0.0048	J		0.0036	J		<0.021	U		<0.021	U	
		VMP-6-39-050913-Dup	5/9/2013	<0.021	U		<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.011	U	
	5 ft	VMP-7-5	11/9/2009	<0.017	U		0.11		J	0.012			<0.005	U		<0.008	U		<0.008	U	
		VMP-7-5-082610	8/26/2010	<0.019	U		0.007	J		<0.0057	U		<0.0065	U		<0.01	U		<0.01	U	
		VMP-7-5-111910	11/19/2010	0.0093	J		0.0031	J		0.00077	J		<0.0058	U		<0.0091	U		<0.0091	U	
		VMP-7-5-020711	2/7/2011	<0.018	U		0.0087	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.0099	U	
		VMP-7-5-040711	4/7/2011	<0.026	U		0.0034	J		<0.0079	U		<0.0089	U		<0.014	U		<0.014	U	
		VMP-7-5-080211	8/2/2011	<2.6	U		<1.4	U		<0.78	U		<0.89	U		<1.4	U		<1.4	U	
		VMP-7-5-111011	11/10/2011	<0.012	U		0.0096			<0.0037	U		<0.0042	U		<0.0066	U		<0.0066	U	
		VMP-7-5-111011-DUP	11/10/2011	<0.012	U		0.018			<0.0035	U		<0.004	U		<0.0062	U		<0.0062	U	
		VMP-7-5-013112	1/31/2012	<0.013	U		0.039			0.0012	J		<0.0043	J	U	<0.0067	U		<0.0067	U	
		VMP-7-5-041212	4/12/2012	<0.014	U		0.036			0.0046			0.0025	J		<0.0073	U		<0.0073	U	
		VMP-7-5-073112	7/31/2012	<0.035	U		0.047			0.0038	J		<0.012	U		<0.019	U		<0.019	U	
		VMP-7-5-101012	10/10/2012	<0.021	U		0.004	J		<0.0064	U		<0.0073	U		<0.011	U		<0.011	U	
		VMP-7-5-060613	6/6/2013	<0.021	U		<0.011	J	U	<0.0063	U		0.00069	J		<0.011	U		<0.011	U	
	13.5 ft	VMP-7-13.5	11/9/2009	<0.13	U		<0.067	U		<0.039	U		<0.044	U		<0.068	U		<0.068	U	
		VMP-7-13.5-082610	8/26/2010	<0.42	U		<0.22	U		<0.12	U		<0.14	U		<0.22	U		<0.22	U	
		VMP-7-13.5-111910	11/19/2010	<2.9	U		<1.5	U		<0.87	U		<0.99	U		<1.5	U		<1.5	U	
		VMP-7-13.5-020711	2/7/2011	<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0095	U	
		VMP-7-13.5-040711	4/7/2011	<0.031	U		<0.016	U		<0.0094	U		<0.011	U		<0.016	U		<0.016	U	
		VMP-7-13.5-080311	8/3/2011	<3.5	U		<1.8	U		<1	U		<1.2	U		<1.8	U		<1.8	U	
		VMP-7-13.5-111011	11/10/2011	<0.011	U		0.017			0.013			0.0037	J		<0.006	U		<0.006	U	
		VMP-7-13.5-013112	1/31/2012	<0.16	U		0.094		J	<0.049	U		<0.055	U		<0.086	U		<0.086	U	
		VMP-7-13.5-013112-DUP	1/31/2012	<0.16	U		0.12		J	<0.05	U		<0.056	U		<0.088	U		<0.088	U	
		VMP-7-13.5-041212	4/12/2012	<0.013	U		0.044			0.0026	J		0.0016	J		<0.007	U		<0.007	U	
		VMP-7-13.5-041212-DUP	4/12/2012	<0.014	U		0.033			0.0028	J		0.0015	J		<0.0074	U		<0.0074	U	
		VMP-7-13.5-072012	7/20/2012	<0.013	U		0.024			0.003	J		0.001	J		<0.0072	U		<0.0072	U	
		VMP-7-13.5-101012	10/10/2012	<0.02	U		0.011			<0.006	U		<0.0068	U		<0.01	U		<0.01	U	
		VMP-7-13.5-021313	2/13/2013	<0.02	U		0.0068	J		<0.006	U		<0.0068	U		<0.01	U		<0.01	U	
		VMP-7-13.5-060513	6/5/2013	<0.022	U		<0.012	J	U	<0.0068	U		<0.0077	U		<0.012	U		<0.012	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Freon 114			Heptadecane			Heptane			Hexachlorobutadiene			Hexane			Hexane, 2,2,4-trimethyl-		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
	31.5 ft	VMP-6-31.5	11/9/2009	<20	U					1800			<120	U		3100					
		VMP-6-31.5-090810	9/8/2010	<11	U					1900			<69	U		3200					
		VMP-6-31.5-111710	11/17/2010	<18	U					2200			<110	U		3400					
		VMP-6-31.5-020711	2/7/2011	<17	U					1900			<100	U		3000					
		VMP-6-31.5-041111	4/11/2011	<13	U					1100			<80	U		2200					
		VMP-6-31.5-080411	8/4/2011	<9.7	U					1000			<59	U		2000					
		VMP-6-31.5-111011	11/10/2011	<15	U					570			<91	U		1500					
		VMP-6-31.5-013112	1/31/2012	<6	U					680		J	<36	U		1400		J			
		VMP-6-31.5-041212	4/12/2012	<0.8	U					8.6			<4.9	U		19					
		VMP-6-31.5-071612	7/16/2012	<0.013	U					<0.0074	U		<0.077	U		0.019					
		VMP-6-31.5-101112	10/11/2012	<0.0098	U					<0.0058	U		<0.06	U		0.0017	J				
		VMP-6-31.5-020513	2/5/2013	<0.009	U					<0.0053	U		<0.055	U		0.00091	J				
		VMP-6-31.5-042913	4/29/2013	<0.01	U					<0.0062	U		<0.065	U		<0.0053	U				
	39 ft	VMP-6-39	11/9/2009	<22	U					2400			<140	U		4200					
		VMP-6-39-041111	4/11/2011	<16	U					1200			<95	U		2300					
		VMP-6-39-013112	1/31/2012	<6	U					800			<36	U		1700		J			
		VMP-6-39-041212	4/12/2012	<0.59	U					21			<3.6	U		52					
		VMP-6-39-071612	7/16/2012	<0.028	U					<0.016	U		<0.17	U		0.034					
		VMP-6-39-071612-Dup	7/16/2012	<0.028	U					<0.016	U		<0.17	U		0.033					
		VMP-6-39-101112	10/11/2012	<0.019	U					<0.011	U		<0.11	U		0.0021	J				
		VMP-6-39-020513	2/5/2013	<0.0092	U					0.027			<0.056	U		0.0051					
		VMP-6-39-050913	5/9/2013	<0.019	U					0.0054	J		<0.12	U		<0.0096	U				
		VMP-6-39-050913-Dup	5/9/2013	<0.01	U					0.0032	J		<0.062	U		0.0016	J				
VMP-7	5 ft	VMP-7-5	11/9/2009	<0.008	U					0.091			<0.05	U		0.11					
		VMP-7-5-082610	8/26/2010	<0.0092	U					0.0044	J		<0.056	U		0.016					
		VMP-7-5-111910	11/19/2010	<0.0083	U					0.0039	J		<0.051	U		0.0047					
		VMP-7-5-020711	2/7/2011	<0.009	U					0.0041	J		<0.055	U		0.0024	J				
		VMP-7-5-040711	4/7/2011	<0.013	U					0.0074			<0.078	U		0.016					
		VMP-7-5-080211	8/2/2011	<1.3	U					4.5			<7.7	U		12					
		VMP-7-5-111011	11/10/2011	<0.006	U					<0.0035	U		<0.036	U		<0.003	U				
		VMP-7-5-111011-DUP	11/10/2011	<0.0056	U					<0.0033	U		<0.034	U		<0.0028	U				
		VMP-7-5-013112	1/31/2012	<0.0061	U					0.00073	J		<0.037	U		<0.0031	J	U			
		VMP-7-5-041212	4/12/2012	<0.0066	U					0.0078			<0.04	U		0.0046					
		VMP-7-5-073112	7/31/2012	<0.017	U					<0.01	U		<0.1	U		0.0031	J				
		VMP-7-5-101012	10/10/2012	<0.01	U					<0.0061	U		<0.063	U		0.0012	J				
		VMP-7-5-060613	6/6/2013	<0.01	U					0.0038	J		<0.062	U		0.0058					
	13.5 ft	VMP-7-13.5	11/9/2009	<0.062	U					<0.037	U		<0.38	U		0.052					
		VMP-7-13.5-082610	8/26/2010	<0.2	U					<0.12	U		<1.2	U		0.035	J				
		VMP-7-13.5-111910	11/19/2010	<1.4	U					4.9		J	<8.6	U		8.9		J			
		VMP-7-13.5-020711	2/7/2011	<0.0086	U					0.0011	J		<0.053	U		0.0013	J				
		VMP-7-13.5-040711	4/7/2011	<0.015	U					0.0064	J		<0.092	U		0.022					
		VMP-7-13.5-080311	8/3/2011	<1.7	U					<0.99	U		<10	U		2.7					
		VMP-7-13.5-111011	11/10/2011	<0.0055	U					0.026			<0.034	U		0.012					
		VMP-7-13.5-013112	1/31/2012	<0.078	U					<0.046	U		<0.48	U		1.1		J			
		VMP-7-13.5-013112-DUP	1/31/2012	<0.08	U					<0.047	U		<0.49	U		1		J			
		VMP-7-13.5-041212	4/12/2012	<0.0064	U					0.015			<0.039	U		0.022					
		VMP-7-13.5-041212-DUP	4/12/2012	<0.0067	U					0.0086			<0.041	U		0.011					
		VMP-7-13.5-072012	7/20/2012	<0.0065	U					0.0063			<0.04	U		0.00095	J				
		VMP-7-13.5-101012	10/10/2012	<0.0096	U					0.0027	J		<0.059	U		0.0035	J				
		VMP-7-13.5-021313	2/13/2013	<0.0096	U					<0.0056	U		<0.059	U		0.0012	J				
		VMP-7-13.5-060513	6/5/2013	<0.011	U					<0.0064	U		<0.066	U		<0.0055	U				

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Hexane, 3,4-dimethyl-			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
													600						3400		
				Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	31.5 ft	VMP-6-31.5	11/9/2009				<46	U					18			<11	U		<10	U	
		VMP-6-31.5-090810	9/8/2010				<26	U					19			<6.6	U		<5.8	U	
		VMP-6-31.5-111710	11/17/2010				<41	U					19			<10	U		<9.1	U	
		VMP-6-31.5-020711	2/7/2011				<40	U					26			<9.9	U		<8.7	U	
		VMP-6-31.5-041111	4/11/2011				<31	U		1700			10			<7.7	U		<6.8	U	
		VMP-6-31.5-080411	8/4/2011				<23	U		1700			2	J		<5.7	U		<5	U	
		VMP-6-31.5-111011	11/10/2011				<35	U		2000			<10	U		<8.8	U		<7.7	U	
		VMP-6-31.5-013112	1/31/2012				<14	U		1300		J	<4.2	U		<3.5	U		<3.1	U	
		VMP-6-31.5-041212	4/12/2012				<1.9	U		68			0.16	J		<0.47	U		<0.41	U	
		VMP-6-31.5-071612	7/16/2012				<0.03	U		0.06			<0.0089	J	U	0.0055	J		<0.0065	U	
		VMP-6-31.5-101112	10/11/2012				<0.023	UJ	UJ	0.0094	J		<0.0069	U		0.0024	J		<0.0051	U	
		VMP-6-31.5-020513	2/5/2013				<0.021	U		0.008	J		<0.0063	U		<0.0053	U		<0.0046	U	
		VMP-6-31.5-042913	4/29/2013				<0.025	U		0.0071	J		<0.0074	U		<0.0062	U		<0.0055	U	
	39 ft	VMP-6-39	11/9/2009				<52	U					24			<13	U		<11	U	
		VMP-6-39-041111	4/11/2011				<37	U		1700			12			<9.2	U		<8	U	
		VMP-6-39-013112	1/31/2012				<14	U		1600		J	1.4	J	J	<3.5	U		<3.1	U	
		VMP-6-39-041212	4/12/2012				<1.4	U		100			0.6			<0.34	U		<0.3	U	
		VMP-6-39-071612	7/16/2012				<0.064	U		0.098			0.0029	J		<0.016	U		<0.014	U	
		VMP-6-39-071612-Dup	7/16/2012				<0.065	U		0.11			<0.02	U		<0.016	U		<0.014	U	
		VMP-6-39-101112	10/11/2012				<0.044	UJ	UJ	0.0059	J		<0.013	U		<0.011	U		<0.0097	U	
		VMP-6-39-020513	2/5/2013				<0.022	U		0.0082	J		0.0056	J		<0.0054	U		<0.0048	U	
		VMP-6-39-050913	5/9/2013				<0.045	U		1.8		J	<0.013	U		<0.011	U		<0.0098	U	
		VMP-6-39-050913-Dup	5/9/2013				<0.024	U		0.042		J	<0.0072	U		<0.006	U		<0.0053	U	
VMP-7	5 ft	VMP-7-5	11/9/2009				<0.019	U					<0.005	U		<0.004	U		<0.004	U	
		VMP-7-5-082610	8/26/2010				<0.022	U					<0.0065	U		<0.0054	U		<0.0048	U	
		VMP-7-5-111910	11/19/2010				<0.019	U					<0.0058	U		<0.0049	U		<0.0043	U	
		VMP-7-5-020711	2/7/2011				<0.021	U					<0.0063	U		<0.0053	U		<0.0046	U	
		VMP-7-5-040711	4/7/2011				<0.03	U		0.019	J		<0.0089	U		<0.0074	U		<0.0066	U	
		VMP-7-5-080211	8/2/2011				<3	U		520			<0.89	U		<0.74	U		<0.65	U	
		VMP-7-5-111011	11/10/2011				<0.014	U		<0.01	U		0.0018	J		0.0099			<0.0031	U	
		VMP-7-5-111011-DUP	11/10/2011				<0.013	U		0.0076	J		0.0016	J		0.0084			<0.0029	U	
		VMP-7-5-013112	1/31/2012				0.00059	J		<0.01	U		0.0027	J		0.017			<0.0032	U	
		VMP-7-5-041212	4/12/2012				<0.016	U		0.0049	J		0.04			0.11			<0.0034	U	
		VMP-7-5-073112	7/31/2012				<0.04	U		0.1			0.037			0.12			<0.0088	U	
		VMP-7-5-101012	10/10/2012				<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U	
		VMP-7-5-060613	6/6/2013				<0.024	U		0.2			<0.0071	U		0.0054	J		<0.0052	U	
	13.5 ft	VMP-7-13.5	11/9/2009				<0.15	U					<0.044	U		<0.037	U		<0.032	U	
		VMP-7-13.5-082610	8/26/2010				<0.47	U					0.015	J		<0.12	U		<0.1	U	
		VMP-7-13.5-111910	11/19/2010				<3.3	U					<0.99	U		<0.82	U		<0.73	U	
		VMP-7-13.5-020711	2/7/2011				<0.02	U					<0.0061	U		<0.005	U		<0.0044	U	
		VMP-7-13.5-040711	4/7/2011				<0.035	U		0.024	J		<0.011	U		<0.0088	U		<0.0078	U	
		VMP-7-13.5-080311	8/3/2011				<3.9	U		310			<1.2	U		<0.99	U		<0.87	U	
		VMP-7-13.5-111011	11/10/2011				<0.013	U		0.8			0.0083			0.022			<0.0028	U	
		VMP-7-13.5-013112	1/31/2012				<0.18	U		7.2		J	<0.055	U		<0.046	U		<0.04	U	
		VMP-7-13.5-013112-DUP	1/31/2012				<0.19	U		6.9		J	<0.056	U		<0.047	U		<0.041	U	
		VMP-7-13.5-041212	4/12/2012				<0.015	U		0.026		J	0.024			0.033			<0.0033	U	
		VMP-7-13.5-041212-DUP	4/12/2012				<0.016	U		0.49		J	0.026			0.036			<0.0035	U	
		VMP-7-13.5-072012	7/20/2012				0.0013	J		<0.011	U		0.033			0.13			<0.0034	U	
		VMP-7-13.5-101012	10/10/2012				<0.023	U		0.0033	J		<0.0068	U		<0.0056	U		<0.005	U	
		VMP-7-13.5-021313	2/13/2013				<0.023	U		0.0018	J		<0.0068	U		<0.0056	U		<0.005	U	
		VMP-7-13.5-060513	6/5/2013				<0.026	U		0.042			<0.0077	U		<0.0064	U		<0.0056	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Pentane, 2,2,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,4-dimethyl-			Pentane, 2-methyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-7	31.5 ft	VMP-6-31.5	11/9/2009																		
		VMP-6-31.5-090810	9/8/2010																		
		VMP-6-31.5-111710	11/17/2010																		
		VMP-6-31.5-020711	2/7/2011																		
		VMP-6-31.5-041111	4/11/2011																		
		VMP-6-31.5-080411	8/4/2011																		
		VMP-6-31.5-111011	11/10/2011																		
		VMP-6-31.5-013112	1/31/2012																		
		VMP-6-31.5-041212	4/12/2012																		
		VMP-6-31.5-071612	7/16/2012																		
		VMP-6-31.5-101112	10/11/2012																		
		VMP-6-31.5-020513	2/5/2013																		
		VMP-6-31.5-042913	4/29/2013																		
	39 ft	VMP-6-39	11/9/2009																		
		VMP-6-39-041111	4/11/2011																		
		VMP-6-39-013112	1/31/2012																		
		VMP-6-39-041212	4/12/2012																		
		VMP-6-39-071612	7/16/2012																		
		VMP-6-39-071612-Dup	7/16/2012																		
		VMP-6-39-101112	10/11/2012																		
		VMP-6-39-020513	2/5/2013																		
		VMP-6-39-050913	5/9/2013																		
		VMP-6-39-050913-Dup	5/9/2013																		
	5 ft	VMP-7-5	11/9/2009																		
		VMP-7-5-082610	8/26/2010																		
		VMP-7-5-111910	11/19/2010																		
		VMP-7-5-020711	2/7/2011																		
		VMP-7-5-040711	4/7/2011																		
		VMP-7-5-080211	8/2/2011																		
		VMP-7-5-111011	11/10/2011																		
		VMP-7-5-111011-DUP	11/10/2011																		
		VMP-7-5-013112	1/31/2012																		
		VMP-7-5-041212	4/12/2012																		
		VMP-7-5-073112	7/31/2012																		
		VMP-7-5-101012	10/10/2012																		
		VMP-7-5-060613	6/6/2013																		
	13.5 ft	VMP-7-13.5	11/9/2009																		
		VMP-7-13.5-082610	8/26/2010																		
		VMP-7-13.5-111910	11/19/2010																		
		VMP-7-13.5-020711	2/7/2011																		
		VMP-7-13.5-040711	4/7/2011																		
		VMP-7-13.5-080311	8/3/2011																		
		VMP-7-13.5-111011	11/10/2011																		
		VMP-7-13.5-013112	1/31/2012																		
		VMP-7-13.5-013112-DUP	1/31/2012																		
		VMP-7-13.5-041212	4/12/2012																		
		VMP-7-13.5-041212-DUP	4/12/2012																		
		VMP-7-13.5-072012	7/20/2012																		
		VMP-7-13.5-101012	10/10/2012																		
		VMP-7-13.5-021313	2/13/2013																		
		VMP-7-13.5-060513	6/5/2013																		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrachloroethene		
										1400						0.55			0.55		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	31.5 ft	VMP-6-31.5	11/9/2009	<28	U		44			<12	U		<19	U		<19	U		<19	U	
		VMP-6-31.5-090810	9/8/2010	4	J		42			<6.8	U		<11	U		<11	U		<11	U	
		VMP-6-31.5-111710	11/17/2010	<25	U		43			<11	U		<17	U		<17	U		<17	U	
		VMP-6-31.5-020711	2/7/2011	4.7	J		75			<10	U		<17	U		<16	U		<16	U	
		VMP-6-31.5-041111	4/11/2011	13	J		27			3	J		<13	U		1	J		1	J	
		VMP-6-31.5-080411	8/4/2011	<14	U		3.1	J		<5.9	U		<9.5	U		<9.4	U		<9.4	U	
		VMP-6-31.5-111011	11/10/2011	<21	U		<10	U		<9.1	U		<15	U		<14	U		<14	U	
		VMP-6-31.5-013112	1/31/2012	<8.4	U		1.2	J	J	<3.6	U		<5.9	U		<5.8	U		<5.8	U	
		VMP-6-31.5-041212	4/12/2012	0.098	J		0.27	J		<0.49	U		<0.79	U		<0.78	U		<0.78	U	
		VMP-6-31.5-071612	7/16/2012	0.078			<0.0089	J	U	<0.0077	U		<0.012	U		0.0074	J		0.0074	J	
		VMP-6-31.5-101112	10/11/2012	0.0059	J		<0.0069	U		<0.006	U		<0.0097	U		<0.0096	U		<0.0096	U	
		VMP-6-31.5-020513	2/5/2013	0.11			<0.0063	U		<0.0055	U		<0.0088	U		<0.0088	J	U	<0.0088	J	U
		VMP-6-31.5-042913	4/29/2013	<0.015	U		<0.0074	J	U	<0.0064	U		<0.01	J	U	<0.01	U		<0.01	U	
	39 ft	VMP-6-39	11/9/2009	<31	U		60			<14	U		<22	U		<22	U		<22	U	
		VMP-6-39-041111	4/11/2011	7.5	J		30			2.6	J		<15	U		<15	U		<15	U	
		VMP-6-39-013112	1/31/2012	<8.4	U		1.7	J	J	<3.6	U		<5.9	U		<5.8	U		<5.8	U	
		VMP-6-39-041212	4/12/2012	<0.82	U		1			<0.36	U		<0.58	U		<0.57	U		<0.57	U	
		VMP-6-39-071612	7/16/2012	0.011	J		<0.019	U		<0.017	U		<0.027	U		<0.027	U		<0.027	U	
		VMP-6-39-071612-Dup	7/16/2012	0.0071	J		<0.02	U		<0.017	U		<0.027	U		<0.027	U		<0.027	U	
		VMP-6-39-101112	10/11/2012	0.0071	J		<0.013	U		<0.011	U		<0.018	U		<0.018	U		<0.018	U	
		VMP-6-39-020513	2/5/2013	0.011	J		0.012			<0.0056	U		<0.0091	U		<0.009	J	U	<0.009	J	U
		VMP-6-39-050913	5/9/2013	0.016	J		<0.013	U		<0.012	U		<0.019	U		<0.018	U		<0.018	U	
		VMP-6-39-050913-Dup	5/9/2013	<0.014	U		<0.0072	U		<0.0062	U		<0.01	U		<0.0099	U		<0.0099	U	
VMP-7	5 ft	VMP-7-5	11/9/2009	0.55			<0.005	U		<0.005	U		<0.008	U		<0.007	U		<0.007	U	
		VMP-7-5-082610	8/26/2010	0.0064	J		<0.0065	U		<0.0056	U		<0.0091	U		<0.009	U		<0.009	U	
		VMP-7-5-111910	11/19/2010	0.0053	J		<0.0058	U		<0.0051	U		<0.0082	U		<0.0081	U		<0.0081	U	
		VMP-7-5-020711	2/7/2011	0.0059	J		<0.0063	U		<0.0055	U		<0.0088	U		<0.0088	U		<0.0088	U	
		VMP-7-5-040711	4/7/2011	<0.018	U		<0.0089	U		<0.0078	U		<0.012	U		<0.012	U		<0.012	U	
		VMP-7-5-080211	8/2/2011	<1.8	U		<0.89	U		<0.77	U		<1.2	U		<1.2	U		<1.2	U	
		VMP-7-5-111011	11/10/2011	0.042			<0.0042	U		<0.0036	U		<0.0059	U		<0.0058	U		<0.0058	U	
		VMP-7-5-111011-DUP	11/10/2011	0.04			<0.004	U		<0.0034	U		<0.0055	U		<0.0055	U		<0.0055	U	
		VMP-7-5-013112	1/31/2012	0.027			<0.0043	J	U	0.00053	J		<0.006	U		<0.0059	U		<0.0059	U	
		VMP-7-5-041212	4/12/2012	0.059			<0.0047	J	U	0.0013	J		<0.0065	U		<0.0064	J	U	<0.0064	J	U
		VMP-7-5-073112	7/31/2012	0.05			0.00095	J		0.0015	J		<0.017	U		<0.017	U		<0.017	U	
		VMP-7-5-101012	10/10/2012	<0.014	U		<0.0073	U		<0.0063	U		<0.01	U		<0.01	U		<0.01	U	
		VMP-7-5-060613	6/6/2013	0.0083	J		<0.0071	U		<0.0062	U		<0.0099	U		<0.0098	U		<0.0098	U	
	13.5 ft	VMP-7-13.5	11/9/2009	<0.088	U		<0.044	U		<0.038	U		<0.061	U		<0.061	U		<0.061	U	
		VMP-7-13.5-082610	8/26/2010	<0.28	U		<0.14	U		<0.12	U		<0.2	U		<0.2	U		<0.2	U	
		VMP-7-13.5-111910	11/19/2010	<2	U		<0.99	U		<0.86	U		<1.4	U		<1.4	U		<1.4	U	
		VMP-7-13.5-020711	2/7/2011	0.0086	J		<0.0061	U		<0.0053	U		<0.0085	U		<0.0084	U		<0.0084	U	
		VMP-7-13.5-040711	4/7/2011	<0.021	U		<0.011	U		<0.0092	U		<0.015	U		<0.015	U		<0.015	U	
		VMP-7-13.5-080311	8/3/2011	<2.4	U		<1.2	U		<1	U		<1.6	U		<1.6	U		<1.6	U	
		VMP-7-13.5-111011	11/10/2011	0.01			0.018			<0.0034	U		<0.0054	U		<0.0054	U		<0.0054	U	
		VMP-7-13.5-013112	1/31/2012	0.11	J	J	<0.055	U		<0.048	U		<0.077	U		<0.076	U		<0.076	U	
		VMP-7-13.5-013112-DUP	1/31/2012	0.2		J	<0.056	U		<0.049	U		<0.079	U		<0.078	U		<0.078	U	
		VMP-7-13.5-041212	4/12/2012	0.018			<0.0045	U		0.00086	J		<0.0063	U		<0.0062	J	U	<0.0062	J	U
		VMP-7-13.5-041212-DUP	4/12/2012	0.016			<0.0047	U		0.0018	J		<0.0066	U		<0.0065	J	U	<0.0065	J	U
		VMP-7-13.5-072012	7/20/2012	0.041			0.00059	J		0.0012	J		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-7-13.5-101012	10/10/2012	<0.014	U		<0.0068	U		<0.0059	U		<0.0095	U		<0.0094	U		<0.0094	U	
		VMP-7-13.5-021313	2/13/2013	0.0039	J		<0.0068	U		<0.0059	U		<0.0095	U		<0.0094	U		<0.0094	U	
		VMP-7-13.5-060513	6/5/2013	<0.015	U		<0.0077	U		<0.0066	U		<0.011	U		<0.01	U		<0.01	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							6200			11			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-7	31.5 ft	VMP-6-31.5	11/9/2009	<8.2	U		<10	U		<83	U		<15	U		<15	U		<15	U	
		VMP-6-31.5-090810	9/8/2010	<4.7	U		<6.1	U		<48	U		<8.8	U		<8.8	U		<8.6	U	
		VMP-6-31.5-111710	11/17/2010	<7.4	U		<9.5	U		<75	U		<14	U		<14	U		<14	U	
		VMP-6-31.5-020711	2/7/2011	<7.1	U		2.8	J		<72	U		<13	U		<13	U		<13	U	
		VMP-6-31.5-041111	4/11/2011	<5.5	U		1.4	J		<56	U		<10	U		<10	U		<10	U	
		VMP-6-31.5-080411	8/4/2011	<4.1	U		1.5	J		<41	U		<7.6	U		<7.6	U		<7.5	U	
		VMP-6-31.5-111011	11/10/2011	<6.3	U		20			<64	U		<12	U		<12	U		<12	U	
		VMP-6-31.5-013112	1/31/2012	<2.5	U		<3.2	U		<25	U		<4.7	U		<4.7	U		<4.6	U	
		VMP-6-31.5-041212	4/12/2012	<0.34	U		0.47			<3.4	U		<0.62	U		<0.62	U		<0.62	U	
		VMP-6-31.5-071612	7/16/2012	<0.0053	U		0.029			<0.054	U		<0.0099	U		<0.0099	U		<0.0097	U	
		VMP-6-31.5-101112	10/11/2012	<0.0042	U		0.0016	J		<0.042	U		<0.0077	U		<0.0077	U		0.0055	J	
		VMP-6-31.5-020513	2/5/2013	<0.0038	U		<0.0049	J	U	<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
		VMP-6-31.5-042913	4/29/2013	<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U		<0.0081	U	
	39 ft	VMP-6-39	11/9/2009	<9.4	U		<12	U		<94	U		<17	U		<17	U		<17	U	
		VMP-6-39-041111	4/11/2011	<6.6	U		2.3	J		<66	U		<12	U		<12	U		<12	U	
		VMP-6-39-013112	1/31/2012	<2.5	U		<3.2	U		<25	U		<4.7	U		<4.7	U		<4.6	U	
		VMP-6-39-041212	4/12/2012	<0.25	U		0.17	J		<2.5	U		<0.46	U		<0.46	U		<0.45	U	
		VMP-6-39-071612	7/16/2012	<0.012	U		0.0092	J		<0.12	U		<0.021	U		<0.021	U		<0.021	U	
		VMP-6-39-071612-Dup	7/16/2012	<0.012	U		0.0067	J		<0.12	U		<0.022	U		<0.022	U		<0.021	U	
		VMP-6-39-101112	10/11/2012	<0.0079	U		0.0035	J		<0.08	U		<0.015	U		<0.015	U		<0.014	U	
		VMP-6-39-020513	2/5/2013	<0.0039	U		<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-6-39-050913	5/9/2013	<0.008	U		0.0048	J		<0.081	U		<0.015	U		<0.015	U		<0.015	U	
		VMP-6-39-050913-Dup	5/9/2013	<0.0043	U		0.0014	J		<0.043	U		<0.008	U		<0.008	U		<0.0079	U	
	5 ft	VMP-7-5	11/9/2009	<0.003	U		0.0071			<0.034	U		<0.006	U		<0.006	U		<0.006	U	
		VMP-7-5-082610	8/26/2010	<0.0039	U		0.0012	J		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-7-5-111910	11/19/2010	<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		0.0036	J	
		VMP-7-5-020711	2/7/2011	<0.0038	U		0.001	J		<0.038	J	U	<0.007	U		<0.007	U		0.0039	J	
		VMP-7-5-040711	4/7/2011	<0.0054	U		0.0025	J		<0.054	U		<0.0099	U		<0.0099	U		0.0032	J	
		VMP-7-5-080211	8/2/2011	<0.53	U		<0.68	U		<5.4	U		<0.98	U		<0.98	U		<0.97	U	
		VMP-7-5-111011	11/10/2011	<0.0025	U		0.0037			<0.025	U		<0.0047	U		<0.0047	U		<0.0046	U	
		VMP-7-5-111011-DUP	11/10/2011	<0.0024	U		0.0047			<0.024	U		<0.0044	U		<0.0044	U		<0.0043	U	
		VMP-7-5-013112	1/31/2012	0.04			0.011			<0.026	U		<0.0048	U		<0.0048	U		<0.0047	U	
		VMP-7-5-041212	4/12/2012	0.0062			0.027			<0.028	U		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-7-5-073112	7/31/2012	0.0047	J		0.1			<0.073	U		<0.013	U		<0.013	U		<0.013	U	
		VMP-7-5-101012	10/10/2012	<0.0044	U		0.0011	J		<0.044	U		<0.0081	U		<0.0081	U		<0.008	U	
		VMP-7-5-060613	6/6/2013	<0.0043	U		<0.0054	J	U	<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U	
	13.5 ft	VMP-7-13.5	11/9/2009	<0.026	U		<0.034	U		<0.26	U		<0.049	U		<0.049	U		<0.048	U	
		VMP-7-13.5-082610	8/26/2010	<0.085	U		<0.11	U		<0.86	U		<0.16	U		<0.16	U		<0.16	U	
		VMP-7-13.5-111910	11/19/2010	<0.59	U		<0.76	U		<6	U		<1.1	U		<1.1	U		1.9		J
		VMP-7-13.5-020711	2/7/2011	<0.0036	U		<0.0046	U		<0.037	J	U	<0.0067	U		<0.0067	U		0.0023	J	
		VMP-7-13.5-040711	4/7/2011	<0.0064	U		0.0016	J		<0.064	U		<0.012	U		<0.012	U		0.0038	J	
		VMP-7-13.5-080311	8/3/2011	<0.71	U		<0.91	U		<7.2	U		<1.3	U		<1.3	U		<1.3	U	
		VMP-7-13.5-111011	11/10/2011	<0.0023	U		0.007			<0.023	U		<0.0043	U		<0.0043	U		<0.0042	U	
		VMP-7-13.5-013112	1/31/2012	<0.033	U		0.017	J	J	<0.33	U		<0.061	U		<0.061	U		<0.06	U	
		VMP-7-13.5-013112-DUP	1/31/2012	<0.034	U		<0.043	U		<0.34	U		<0.062	U		<0.062	U		<0.062	U	
		VMP-7-13.5-041212	4/12/2012	0.0064			0.02		J	<0.027	U		<0.005	U		<0.005	U		<0.0049	U	
		VMP-7-13.5-041212-DUP	4/12/2012	0.0052			0.035		J	<0.029	U		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-7-13.5-072012	7/20/2012	0.00095	J		0.076			<0.028	U		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-7-13.5-101012	10/10/2012	<0.0041	U		0.0011	J		<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-7-13.5-021313	2/13/2013	<0.0041	U		<0.0052	J	U	<0.041	J	U	<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-7-13.5-060513	6/5/2013	<0.0046	U		<0.0059	J	U	<0.046	U		<0.0085	U		<0.0085	U		<0.0084	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride		
				860			860												0.29		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-7	31.5 ft	VMP-6-31.5	11/9/2009	<16	U		<16	U		29			<14	U		2500			<7.2	U	
		VMP-6-31.5-090810	9/8/2010	<9	U		<9	U		22			5.3	J		3100			<4.1	U	
		VMP-6-31.5-111710	11/17/2010	<14	U		<14	U		15			3.1	J		3600			<6.4	U	
		VMP-6-31.5-020711	2/7/2011	<14	U		<14	U		27			4.2	J		3200			<6.2	U	
		VMP-6-31.5-041111	4/11/2011	<10	U		<10	U		14			<9.2	U		2400			<4.8	U	
		VMP-6-31.5-080411	8/4/2011	<7.8	U		<7.8	U		<6.8	U		<6.8	U		2000			<3.6	U	
		VMP-6-31.5-111011	11/10/2011	<12	U		<12	U		<10	U		<10	U		2200			<5.5	U	
		VMP-6-31.5-013112	1/31/2012	<4.8	U		<4.8	U		<17	U		<4.2	U		1800		J	<2.2	U	
		VMP-6-31.5-041212	4/12/2012	<0.64	U		<0.64	U		<0.56	U		<0.56	U		220			<0.29	U	
		VMP-6-31.5-071612	7/16/2012	<0.01	U		<0.01	U		0.0049	J		<0.0089	J	U	3.1			<0.0046	U	
		VMP-6-31.5-101112	10/11/2012	0.0021	J		0.0021	J		<0.0069	U		<0.0069	U		0.71			<0.0036	U	
		VMP-6-31.5-020513	2/5/2013	<0.0072	J	U	<0.0072	J	U	<0.0063	U		<0.0063	U		0.058			<0.0033	U	
		VMP-6-31.5-042913	4/29/2013	<0.0085	U		<0.0085	U		<0.0074	U		<0.0074	U		0.1			<0.0039	U	
	39 ft	VMP-6-39	11/9/2009	<18	U		<18	U		79			29			2800			<8.1	U	
		VMP-6-39-041111	4/11/2011	<12	U		<12	U		21			3.4	J		2300			<5.7	U	
		VMP-6-39-013112	1/31/2012	<4.8	U		<4.8	U		<17	U		<4.2	U		2200		J	<2.2	U	
		VMP-6-39-041212	4/12/2012	<0.47	U		<0.47	U		0.73			0.48			340			<0.21	U	
		VMP-6-39-071612	7/16/2012	<0.022	U		<0.022	U		<0.019	U		<0.019	U		8.1			<0.01	U	
		VMP-6-39-071612-Dup	7/16/2012	<0.022	U		<0.022	U		<0.02	U		<0.02	U		8.2			<0.01	U	
		VMP-6-39-101112	10/11/2012	<0.015	U		<0.015	U		<0.013	U		<0.013	U		4.9			<0.0069	U	
		VMP-6-39-020513	2/5/2013	<0.0074	J	U	<0.0074	J	U	0.024			0.0055	J		0.63			<0.0034	U	
		VMP-6-39-050913	5/9/2013	<0.015	U		<0.015	U		0.0024	J		<0.013	U		3.9		J	<0.007	U	
		VMP-6-39-050913-Dup	5/9/2013	0.0016	J		0.0016	J		<0.0072	U		<0.0072	U		0.084		J	<0.0037	U	
	5 ft	VMP-7-5	11/9/2009	<0.006	U		<0.006	U		<0.005	U		<0.005	U		0.21			<0.003	U	
		VMP-7-5-082610	8/26/2010	0.0016	J		0.0016	J		<0.0065	U		<0.0065	U		0.034			<0.0034	U	
		VMP-7-5-111910	11/19/2010	<0.0067	U		<0.0067	U		<0.0058	U		<0.0058	U		0.14			<0.003	U	
		VMP-7-5-020711	2/7/2011	0.0018	J		0.0018	J		<0.0063	U		<0.0063	U		0.084			<0.0033	U	
		VMP-7-5-040711	4/7/2011	<0.01	U		<0.01	U		<0.0089	U		<0.0089	U		0.01			<0.0046	U	
		VMP-7-5-080211	8/2/2011	<1	U		<1	U		<0.89	U		<0.89	U		710			<0.46	U	
		VMP-7-5-111011	11/10/2011	<0.0048	U		<0.0048	U		<0.0042	J	U	<0.0042	U		<0.004	U		<0.0022	U	
		VMP-7-5-111011-DUP	11/10/2011	<0.0045	U		<0.0045	U		0.0008	J		<0.004	U		<0.0038	U		<0.002	U	
		VMP-7-5-013112	1/31/2012	<0.0049	U		<0.0049	U		<0.0043	U		<0.0043	J	U	0.00086	J		<0.0022	U	
		VMP-7-5-041212	4/12/2012	0.0014	J		0.0014	J		0.0022	J		<0.0047	J	U	0.0048			<0.0024	U	
		VMP-7-5-073112	7/31/2012	<0.014	U		<0.014	U		0.0017	J		<0.012	U		3			<0.0063	U	
		VMP-7-5-101012	10/10/2012	0.0014	J		0.0014	J		<0.0073	U		<0.0073	U		0.0033	J		<0.0038	U	
		VMP-7-5-060613	6/6/2013	<0.0081	U		<0.0081	U		<0.0071	U		<0.0071	U		0.14			<0.0037	U	
	13.5 ft	VMP-7-13.5	11/9/2009	<0.05	U		<0.05	U		<0.044	U		<0.044	U		22	E	J	<0.023	U	
		VMP-7-13.5-082610	8/26/2010	<0.16	U		<0.16	U		<0.14	U		<0.14	U		240	E	J	<0.074	U	
		VMP-7-13.5-111910	11/19/2010	<1.1	U		<1.1	U		<0.99	U		<0.99	U		450			<0.52	U	
		VMP-7-13.5-020711	2/7/2011	<0.0069	U		<0.0069	U		<0.0061	U		<0.0061	U		0.034			<0.0032	U	
		VMP-7-13.5-040711	4/7/2011	<0.012	U		<0.012	U		<0.011	U		<0.011	U		0.017			<0.0055	U	
		VMP-7-13.5-080311	8/3/2011	<1.4	U		<1.4	U		<1.2	U		<1.2	U		610			<0.62	U	
		VMP-7-13.5-111011	11/10/2011	<0.0044	U		<0.0044	U		0.0052			0.0011	J		2.9			<0.002	U	
		VMP-7-13.5-013112	1/31/2012	<0.063	U		<0.063	U		<0.22	U		<0.055	U		33		J	<0.029	U	
		VMP-7-13.5-013112-DUP	1/31/2012	<0.064	U		<0.064	U		<0.22	U		<0.056	U		32		J	<0.029	U	
		VMP-7-13.5-041212	4/12/2012	0.0013	J		0.0013	J		0.0018	J		<0.0045	U		0.029			<0.0023	U	
		VMP-7-13.5-041212-DUP	4/12/2012	0.0011	J		0.0011	J		0.0016	J		<0.0047	U		0.015			<0.0025	U	
		VMP-7-13.5-072012	7/20/2012	0.0013	J		0.0013	J		0.0028	J		<0.0046	U		0.0018	J		<0.0024	U	
		VMP-7-13.5-101012	10/10/2012	0.0014	J		0.0014	J		<0.0068	U		<0.0068	U		0.011			<0.0035	U	
		VMP-7-13.5-021313	2/13/2013	0.0013	J		0.0013	J		<0.0068	U		<0.0068	U		0.0007	J		<0.0035	U	
		VMP-7-13.5-060513	6/5/2013	0.0022	J		0.0022	J		<0.0077	U		<0.0077	U		0.01			<0.004	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	m,p-Xylenes			o-Xylenes			Isobutane			Isobutane			Pentane		
				130			120											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-7	31.5 ft	VMP-6-31.5	11/9/2009	66			<12	U										
		VMP-6-31.5-090810	9/8/2010	51			<7	U										
		VMP-6-31.5-111710	11/17/2010	45			<11	U										
		VMP-6-31.5-020711	2/7/2011	64			<10	U										
		VMP-6-31.5-041111	4/11/2011	28			<8.1	U										
		VMP-6-31.5-080411	8/4/2011	5.2	J		<6	U										
		VMP-6-31.5-111011	11/10/2011	<9.3	U		<9.3	U										
		VMP-6-31.5-013112	1/31/2012	1.8	J	J	<3.7	U										
		VMP-6-31.5-041212	4/12/2012	0.13	J		<0.5	U										
		VMP-6-31.5-071612	7/16/2012	0.0035	J		0.0024	J										
		VMP-6-31.5-101112	10/11/2012	<0.0061	U		<0.0061	U										
		VMP-6-31.5-020513	2/5/2013	<0.0056	U		<0.0056	U										
		VMP-6-31.5-042913	4/29/2013	<0.0066	U		<0.0066	U										
	39 ft	VMP-6-39	11/9/2009	150			<14	U										
		VMP-6-39-041111	4/11/2011	41			<9.7	U										
		VMP-6-39-013112	1/31/2012	4.3		J	<3.7	U										
		VMP-6-39-041212	4/12/2012	2			<0.36	U										
		VMP-6-39-071612	7/16/2012	0.0063	J		<0.017	U										
		VMP-6-39-071612-Dup	7/16/2012	<0.017	U		<0.017	U										
		VMP-6-39-101112	10/11/2012	<0.012	U		<0.012	U										
		VMP-6-39-020513	2/5/2013	0.023			<0.0057	U										
		VMP-6-39-050913	5/9/2013	0.01	J		0.0052	J										
		VMP-6-39-050913-Dup	5/9/2013	0.003	J		<0.0064	U										
	5 ft	VMP-7-5	11/9/2009	0.0079			<0.005	U										
		VMP-7-5-082610	8/26/2010	0.00071	J		<0.0057	U										
		VMP-7-5-111910	11/19/2010	<0.0052	U		<0.0052	U										
		VMP-7-5-020711	2/7/2011	0.00082	J		<0.0056	U										
		VMP-7-5-040711	4/7/2011	<0.0079	U		<0.0079	U										
		VMP-7-5-080211	8/2/2011	<0.78	U		<0.78	U										
		VMP-7-5-111011	11/10/2011	<0.0037	J	U	<0.0037	U										
		VMP-7-5-111011-DUP	11/10/2011	0.0011	J		<0.0035	U										
		VMP-7-5-013112	1/31/2012	0.0032	J		0.001	J										
		VMP-7-5-041212	4/12/2012	0.0097			0.0028	J										
		VMP-7-5-073112	7/31/2012	0.0098	J		0.0031	J										
		VMP-7-5-101012	10/10/2012	<0.0064	U		<0.0064	U										
		VMP-7-5-060613	6/6/2013	<0.0063	U		<0.0063	U										
	13.5 ft	VMP-7-13.5	11/9/2009	<0.039	U		<0.039	U										
		VMP-7-13.5-082610	8/26/2010	<0.12	U		<0.12	U										
		VMP-7-13.5-111910	11/19/2010	<0.87	U		<0.87	U										
		VMP-7-13.5-020711	2/7/2011	<0.0054	U		<0.0054	U										
		VMP-7-13.5-040711	4/7/2011	<0.0094	U		<0.0094	U										
		VMP-7-13.5-080311	8/3/2011	<1	U		<1	U										
		VMP-7-13.5-111011	11/10/2011	0.0058			0.00072	J										
		VMP-7-13.5-013112	1/31/2012	<0.049	U		<0.049	U										
		VMP-7-13.5-013112-DUP	1/31/2012	<0.05	U		<0.05	U										
		VMP-7-13.5-041212	4/12/2012	0.0058			0.0018	J										
		VMP-7-13.5-041212-DUP	4/12/2012	0.0058			0.002	J										
		VMP-7-13.5-072012	7/20/2012	0.0074			0.0019	J										
		VMP-7-13.5-101012	10/10/2012	<0.006	U		<0.006	U										
		VMP-7-13.5-021313	2/13/2013	<0.006	U		<0.006	U										
		VMP-7-13.5-060513	6/5/2013	<0.0068	U		<0.0068	U										

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene		
				750000			0.37			450000			11			6.9					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	29.5 ft	VMP-7-29.5	11/9/2009	<1.8	U		120		J	<1.3	U		<2	U		<0.74	U		<0.42	U	
		VMP - 7 - 29.5 - 083110	8/31/2010	<3.9	U		86		J	<2.8	U		<4.2	U		<1.6	U		<0.91	U	
		VMP-7-29.5-111910	11/19/2010	<5.9	U		62		J	<4.2	U		<6.4	U		<2.4	U		<1.4	U	
		VMP-7-29.5-020711	2/7/2011	<6.1	U		60			<4.3	U		<6.7	U		<2.5	U		<1.4	U	
		VMP-7-29.5-040711	4/7/2011	<1.5	U		40		J	<1	U		<1.6	U		<0.61	U		<0.35	U	
		VMP-7-29.5-080311	8/3/2011	<3.5	U		40			<2.5	U		<3.8	U		<1.4	U		<0.82	U	
		VMP-7-29.5-111111	11/11/2011	38			16			<4.8	U		<7.5	U		<2.8	U		<1.6	U	
		VMP-7-29.5-020112	2/1/2012	<1.4	U		15		J	<0.98	U		<6	U		<0.57	U		<0.32	U	
		VMP-7-29.5-041312	4/13/2012	0.033			0.0078			<0.0061	U		<0.0094	U		0.0013	J		<0.002	U	
		VMP-7-29.5-072012	7/20/2012	0.036			0.031			<0.0063	U		<0.0097	U		<0.036	U		0.0013	J	
		VMP-7-29.5-072012-Dup	7/20/2012	0.03			0.032			<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U	
		VMP-7-29.5-101012	10/10/2012	0.064			0.0098			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
		VMP-7-29.5-060613	6/6/2013	0.013	J		0.0082			<0.01	U		<0.016	U		<0.059	U		<0.0033	U	
	38 ft	VMP-7-38	11/9/2009	<0.63	U		54		J	<0.44	U		<0.68	U		<0.26	U		<0.15	U	
		VMP-7-38-020711	2/7/2011	1.8	J		57			<5.8	U		<8.9	U		<3.4	U		<1.9	U	
		VMP-7-38-040711	4/7/2011	<2.1	U		24		J	<1.5	U		<2.3	U		<0.85	U		<0.49	U	
		VMP-7-38-020112	2/1/2012	<2	U		15		J	<1.4	U		<8.7	U		<0.82	U		<0.46	U	
		VMP-7-38-042512	4/25/2012	0.015	J		0.48			<0.0061	U		<0.0094	U		<0.036	U		<0.002	U	
		VMP-7-38-042512-Dup	4/25/2012	0.056			0.54			<0.0061	U		<0.0094	U		<0.036	U		<0.002	U	
		VMP-7-38-101112	10/11/2012	0.021	J		0.012			<0.009	U		<0.014	U		<0.052	U		<0.003	U	
		VMP-7-38-060613	6/6/2013	0.02	J		0.0022	J		0.012			<0.017	U		<0.062	U		<0.0036	U	
VMP-8	5 ft	VMP-8-5	11/10/2009	0.015			<0.003	U		<0.007	U		<0.012	U		<0.004	U		<0.002	U	
		VMP - 8 - 5 - 083010	8/30/2010	0.043			0.021			<0.009	U		<0.014	U		0.008			<0.003	U	
		VMP-8-5-111810	11/17/2010	0.012			<0.0037	U		0.0012	J		<0.012	U		<0.0045	U		<0.0026	U	
		VMP-8-5-021011	2/10/2011	0.0072	J		0.014			<0.0083	U		<0.013	U		<0.0048	U		<0.0027	U	
		VMP-8-5-040711	4/7/2011	0.055			1.2			<0.0092	U		<0.014	U		<0.0054	U		<0.003	U	
		VMP-8-5-072711	7/27/2011	0.037			0.11			<0.0099	U		<0.015	U		<0.0057	U		<0.0033	U	
		VMP-8-5-110311	11/3/2011	0.037			0.0072			<0.0057	U		<0.0088	U		<0.0033	U		<0.0019	U	
		VMP-8-5-012312	1/23/2012	0.0082	J		0.023			<0.0071	U		<0.011	U		<0.0041	U		<0.0023	U	
		VMP-8-5-041012	4/10/2012	0.014	J		0.0025	J		<0.0064	U		<0.0099	U		<0.037	U		<0.0021	U	
		VMP-8-5-071312	7/13/2012	0.052			0.00084	J		<0.0054	U		<0.0083	U		<0.031	U		<0.0018	U	
		VMP-8-5-073112	7/31/2012	0.078			0.064			<0.0069	U		<0.011	U		<0.04	U		<0.0023	U	
		VMP-8-5-100412	10/4/2012	0.019	J		0.0031	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
		VMP-8-5-100412-Dup	10/4/2012	0.027	J		0.0038	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U	
		VMP-8-5-012413	1/24/2013	0.06			0.00077	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U	
		VMP-8-5-042513	4/25/2013	0.0078	J		<0.0046	J	U	<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
	9.5 ft	VMP-8-9.5	11/10/2009	<0.011	U		<0.003	U		<0.007	U		<0.012	U		<0.004	U		<0.002	U	
		VMP - 8 - 9.5 - 083010	8/30/2010	0.04			0.015		J	<0.0081	U		<0.012	U		0.0068			<0.0027	U	
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010	0.041			0.012		J	<0.0083	U		<0.013	U		0.0079			<0.0027	U	
		VMP-8-9.5-111810	11/17/2010	0.0095	J		0.0025	J		0.0017	J		<0.012	U		<0.0047	U		<0.0027	U	
		VMP-8-9.5-021011	2/10/2011	0.015			<0.004	U		<0.0084	U		<0.013	U		<0.0049	U		<0.0028	U	
		VMP-8-9.5-040711	4/7/2011	0.0089	J		0.93			<0.0092	U		<0.014	U		<0.0054	U		<0.003	U	
		VMP-8-9.5-072711	7/27/2011	0.035			0.19			<0.0071	U		<0.011	U		<0.0041	U		<0.0024	U	
		VMP-8-9.5-110311	11/3/2011	0.021			0.0053			<0.0056	U		<0.0087	U		<0.0033	U		<0.0018	U	
		VMP-8-9.5-012312	1/23/2012	0.026			0.0026	J		<0.0068	U		<0.01	U		<0.0039	U		<0.0022	U	
		VMP-8-9.5-041012	4/10/2012	0.012	J		0.0046			0.00078	J		<0.0099	U		<0.037	U		<0.0021	U	
		VMP-8-9.5-071312	7/13/2012	0.011	J		<0.003	U		<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U	
		VMP-8-9.5-071312-Dup	7/13/2012	0.0094	J		<0.0028	U		<0.006	U		<0.0092	U		<0.035	U		<0.002	U	
		VMP-8-9.5-100412	10/4/2012	0.035	J		0.021			<0.01	U		<0.016	U		<0.059	U		<0.0034	U	
		VMP-8-9.5-012413	1/24/2013	0.0078	J		0.0011	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U	
		VMP-8-9.5-012413-Dup	1/24/2013	0.0022	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U	
		VMP-8-9.5-042513	4/25/2013	0.016	J		0.0035	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Butane			Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			2-Butanone			Carbon disulfide		
																6400			780		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	29.5 ft	VMP-7-29.5	11/9/2009													<0.56	U		<0.59	U	
		VMP - 7 - 29.5 - 083110	8/31/2010													<1.2	U		<1.3	U	
		VMP-7-29.5-111910	11/19/2010													<1.8	U		<1.9	U	
		VMP-7-29.5-020711	2/7/2011													<1.9	U		<2	U	
		VMP-7-29.5-040711	4/7/2011	94		J										<1.8	U		<0.49	U	
		VMP-7-29.5-080311	8/3/2011	200												<4.4	U		<1.2	U	
		VMP-7-29.5-111111	11/11/2011	110												4.9	J		8.5	J	
		VMP-7-29.5-020112	2/1/2012	61		J										<1.7	U		<0.45	U	
		VMP-7-29.5-041312	4/13/2012	0.023												0.021			0.0077	J	
		VMP-7-29.5-072012	7/20/2012	0.0094												0.0061	J		0.0088	J	
		VMP-7-29.5-072012-Dup	7/20/2012	0.0086	J											0.0067	J		0.012		
		VMP-7-29.5-101012	10/10/2012	0.0052	J											0.0031	J		0.0093	J	
		VMP-7-29.5-060613	6/6/2013	0.0076	J											0.008	J		<0.019	J	U
	38 ft	VMP-7-38	11/9/2009													<0.19	U		<0.2	U	
		VMP-7-38-020711	2/7/2011													<2.6	U		<2.7	U	
		VMP-7-38-040711	4/7/2011	120		J										<2.6	U		<0.68	U	
		VMP-7-38-020112	2/1/2012	63		J										<2.5	U		<0.65	U	
		VMP-7-38-042512	4/25/2012	0.019												0.015			<0.011	J	U
		VMP-7-38-042512-Dup	4/25/2012	0.026												0.023			<0.011	J	U
		VMP-7-38-101112	10/11/2012	<0.013	U											<0.016	U		<0.017	J	U
		VMP-7-38-060613	6/6/2013	0.025												0.034			<0.02	J	U
VMP-8	5 ft	VMP-8-5	11/10/2009													0.0043			<0.003	U	
		VMP - 8 - 5 - 083010	8/30/2010													0.015			0.0032	J	
		VMP-8-5-111810	11/17/2010													0.0017	J		0.0011	J	
		VMP-8-5-021011	2/10/2011													<0.0036	U		0.0011	J	
		VMP-8-5-040711	4/7/2011	<0.013	U											0.0024	J		<0.017	J	U
		VMP-8-5-072711	7/27/2011	<0.014	U											0.042			0.0036	J	
		VMP-8-5-110311	11/3/2011	0.0057	J											0.0027	J		0.0022	J	
		VMP-8-5-012312	1/23/2012	0.0072	J											0.0073	J		<0.013	J	U
		VMP-8-5-041012	4/10/2012	<0.0091	U											0.0029	J		<0.012	U	
		VMP-8-5-071312	7/13/2012	<0.0076	U											0.0086	J		<0.01	U	
		VMP-8-5-073112	7/31/2012	<0.0098	U											0.047			0.0082	J	
		VMP-8-5-100412	10/4/2012	<0.013	U											<0.016	U		<0.017	U	
		VMP-8-5-100412-Dup	10/4/2012	<0.012	U											<0.016	U		<0.016	U	
		VMP-8-5-012413	1/24/2013	<0.013	U											0.041			0.0044	J	
		VMP-8-5-042513	4/25/2013	<0.014	U											<0.017	U		<0.018	J	U
	9.5 ft	VMP-8-9.5	11/10/2009													<0.003	U		<0.003	U	
		VMP - 8 - 9.5 - 083010	8/30/2010													0.0061			0.0012	J	
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010													0.0097			0.0012	J	
		VMP-8-9.5-111810	11/17/2010													0.0013	J		<0.0038	U	
		VMP-8-9.5-021011	2/10/2011													<0.0037	U		<0.0039	U	
		VMP-8-9.5-040711	4/7/2011	<0.013	U											0.0023	J		0.0015	J	
		VMP-8-9.5-072711	7/27/2011	0.012												0.038			0.0032	J	
		VMP-8-9.5-110311	11/3/2011	0.0058	J											0.002	J		0.003	J	
		VMP-8-9.5-012312	1/23/2012	<0.0096	U											0.0023	J		<0.013	J	U
		VMP-8-9.5-041012	4/10/2012	<0.0091	U											<0.011	U		0.0019	J	J
		VMP-8-9.5-071312	7/13/2012	<0.0089	U											<0.011	U		<0.012	U	
		VMP-8-9.5-071312-Dup	7/13/2012	<0.0085	U											<0.01	U		<0.011	U	
		VMP-8-9.5-100412	10/4/2012	<0.014	U											<0.018	U		<0.019	U	
		VMP-8-9.5-012413	1/24/2013	<0.012	U											<0.015	U		<0.016	U	
		VMP-8-9.5-012413-Dup	1/24/2013	<0.013	U											<0.016	U		<0.017	U	
		VMP-8-9.5-042513	4/25/2013	<0.013	U											0.003	J		<0.017	J	U

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane		
				0.21			69			57000						0.11					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	29.5 ft	VMP-7-29.5	11/9/2009	<1.2	U		<0.88	U		<1.6	U		<0.5	U		<0.93	U		<1.6	U	
		VMP - 7 - 29.5 - 083110	8/31/2010	<2.6	U		<1.9	U		<3.5	U		<1.1	U		<2	U		<3.4	U	
		VMP-7-29.5-111910	11/19/2010	<3.9	U		<2.8	U		<5.3	U		<1.6	U		<3	U		<5.1	U	
		VMP-7-29.5-020711	2/7/2011	<4	U		<3	U		<5.5	U		<1.7	U		<3.1	U		<5.3	U	
		VMP-7-29.5-040711	4/7/2011	<0.98	U		<0.72	U		<1.3	U		<1.6	U		<0.76	U		<1.3	U	
		VMP-7-29.5-080311	8/3/2011	<2.3	U		<1.7	U		<3.2	U		<3.9	U		<1.8	U		<3	U	
		VMP-7-29.5-111111	11/11/2011	<4.6	U		3.5			<6.2	U		<7.6	U		<3.5	U		<6	U	
		VMP-7-29.5-020112	2/1/2012	<0.92	U		<0.67	U		<1.2	U		0.18	J	J	<0.71	U		<1.2	U	
		VMP-7-29.5-041312	4/13/2012	<0.0058	U		<0.0042	J	U	<0.0078	U		<0.0096	U		<0.0045	U		<0.019	U	
		VMP-7-29.5-072012	7/20/2012	<0.0059	U		<0.0043	U		<0.008	U		<0.0099	U		0.0011	J		0.0058	J	
		VMP-7-29.5-072012-Dup	7/20/2012	<0.0059	U		0.00099	J		<0.008	U		<0.0099	U		0.001	J		0.0067	J	
		VMP-7-29.5-101012	10/10/2012	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U	
		VMP-7-29.5-060613	6/6/2013	<0.0095	U		<0.007	J	U	<0.013	U		<0.016	U		<0.0074	U		<0.031	U	
	38 ft	VMP-7-38	11/9/2009	<0.42	U		<0.3	U		<0.56	U		<0.17	U		<0.32	U		<0.54	U	
		VMP-7-38-020711	2/7/2011	<5.4	U		<4	U		<7.4	U		<2.3	U		<4.2	U		<7.1	U	
		VMP-7-38-040711	4/7/2011	<1.4	U		<1	U		<1.9	U		<2.3	U		<1.1	U		<1.8	U	
		VMP-7-38-020112	2/1/2012	<1.3	U		<0.97	U		<1.8	U		<2.2	U		<1	U		<1.7	U	
		VMP-7-38-042512	4/25/2012	<0.0058	U		<0.0049		U	<0.0078	U		<0.0096	U		<0.0045	U		<0.019	U	
		VMP-7-38-042512-Dup	4/25/2012	<0.0058	U		<0.0045		U	<0.0078	U		<0.0096	U		<0.0045	J	U	<0.019	U	
		VMP-7-38-101112	10/11/2012	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U	
		VMP-7-38-060613	6/6/2013	<0.01	U		<0.0074	J	U	<0.014	U		<0.017	U		0.092			0.011	J	
VMP-8	5 ft	VMP-8-5	11/10/2009	<0.007	U		<0.005	U		<0.009	U		<0.003	U		<0.005	U		<0.009	U	
		VMP - 8 - 5 - 083010	8/30/2010	<0.0085	U		0.0032	J		<0.011	U		<0.0035	U		0.0039	J		<0.011	U	
		VMP-8-5-111810	11/17/2010	0.0014	J		<0.0054	U		<0.0099	U		<0.0031	U		0.001	J		<0.0096	U	
		VMP-8-5-021011	2/10/2011	<0.0078	U		<0.0057	U		<0.01	U		<0.0032	U		<0.006	U		<0.01	U	
		VMP-8-5-040711	4/7/2011	<0.0087	U		<0.0064	U		0.0023	J		<0.014	U		0.00094	J		<0.011	U	
		VMP-8-5-072711	7/27/2011	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.012	U	
		VMP-8-5-110311	11/3/2011	<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		<0.0042	U		<0.0071	U	
		VMP-8-5-012312	1/23/2012	<0.0067	U		<0.0049	J	U	<0.009	U		<0.011	U		<0.0052	U		<0.0088	U	
		VMP-8-5-041012	4/10/2012	<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		0.0011	J		<0.02	U	
		VMP-8-5-071312	7/13/2012	<0.0051	U		<0.0037	U		<0.0068	U		<0.0085	U		0.0012	J		<0.017	U	
		VMP-8-5-073112	7/31/2012	<0.0065	U		<0.0047	U		<0.0088	U		<0.011	U		0.0011	J		<0.021	U	
		VMP-8-5-100412	10/4/2012	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	
		VMP-8-5-100412-Dup	10/4/2012	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U	
		VMP-8-5-012413	1/24/2013	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U	
		VMP-8-5-042513	4/25/2013	<0.0091	U		<0.0067	J	U	<0.012	U		<0.015	U		<0.0071	U		<0.03	U	
	9.5 ft	VMP-8-9.5	11/10/2009	<0.007	U		<0.005	U		<0.009	U		<0.003	U		<0.005	U		<0.009	U	
		VMP - 8 - 9.5 - 083010	8/30/2010	<0.0076	U		0.0027	J		<0.01	U		<0.0032	U		<0.0059	U		<0.01	U	
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010	<0.0078	U		0.0028	J		<0.01	U		<0.0032	U		0.00094	J		<0.01	U	
		VMP-8-9.5-111810	11/17/2010	0.0014	J		<0.0056	U		<0.01	U		<0.0032	U		<0.0059	U		<0.01	U	
		VMP-8-9.5-021011	2/10/2011	<0.0079	U		<0.0058	U		<0.011	U		<0.0033	U		<0.0062	U		<0.01	U	
		VMP-8-9.5-040711	4/7/2011	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.011	U	
		VMP-8-9.5-072711	7/27/2011	<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		<0.0052	U		<0.0088	U	
		VMP-8-9.5-110311	11/3/2011	<0.0053	U		<0.0039	U		<0.0072	U		<0.0089	U		<0.0041	U		<0.0069	U	
		VMP-8-9.5-012312	1/23/2012	<0.0064	U		<0.0047	J	U	<0.0086	U		<0.011	U		<0.005	U		<0.0084	U	
		VMP-8-9.5-041012	4/10/2012	<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		<0.0047	U		<0.02	U	
		VMP-8-9.5-071312	7/13/2012	<0.0059	U		<0.0043	U		<0.008	U		<0.0099	U		<0.0046	U		<0.019	U	
		VMP-8-9.5-071312-Dup	7/13/2012	<0.0056	U		<0.0041	U		<0.0076	U		<0.0094	U		<0.0044	U		<0.018	U	
		VMP-8-9.5-100412	10/4/2012	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U	
		VMP-8-9.5-012413	1/24/2013	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U	
		VMP-8-9.5-012413-Dup	1/24/2013	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U	
		VMP-8-9.5-042513	4/25/2013	<0.0084	U		<0.0062	J	U	<0.011	U		<0.014	U		<0.0065	U		<0.028	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	alpha-Chlorotoluene			Cyclobutane, ethyl-			Cyclohexane			Cyclopentane, methyl-			1,2-Dibromoethane			1,2-Dichlorobenzene		
																0.011			290		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	29.5 ft	VMP-7-29.5	11/9/2009	<0.99	U					610		J				<1.5	U		<1.1	U	
		VMP - 7 - 29.5 - 083110	8/31/2010	<2.1	U					540		J				<3.2	U		<2.5	U	
		VMP-7-29.5-111910	11/19/2010	<3.2	U					410		J				<4.8	U		<3.7	U	
		VMP-7-29.5-020711	2/7/2011	<3.3	U					440						<5	U		<3.9	U	
		VMP-7-29.5-040711	4/7/2011	<0.81	U					280		J				<1.2	U		<0.94	U	
		VMP-7-29.5-080311	8/3/2011	<1.9	U					470						<2.8	U		<2.2	U	
		VMP-7-29.5-111111	11/11/2011	<3.8	U					190						<5.6	U		<4.4	U	
		VMP-7-29.5-020112	2/1/2012	<3	U					220		J				<1.1	U		<0.88	U	
		VMP-7-29.5-041312	4/13/2012	<0.0047	U					0.085						<0.007	U		<0.0055	U	
		VMP-7-29.5-072012	7/20/2012	<0.0048	U					0.003	J					<0.0072	U		<0.0056	U	
		VMP-7-29.5-072012-Dup	7/20/2012	<0.0048	J	U				0.003	J					<0.0072	U		<0.0056	U	
		VMP-7-29.5-101012	10/10/2012	<0.0075	U					<0.005	U					<0.011	U		<0.0087	U	
		VMP-7-29.5-060613	6/6/2013	<0.0078	U					0.0017	J					<0.012	U		<0.0091	U	
	38 ft	VMP-7-38	11/9/2009	<0.34	U					220		J				<0.51	U		<0.4	U	
		VMP-7-38-020711	2/7/2011	<4.5	U					390						<6.6	U		<5.2	U	
		VMP-7-38-040711	4/7/2011	<1.1	U					350		J				<1.7	U		<1.3	U	
		VMP-7-38-020112	2/1/2012	<4.3	U					260		J				<1.6	U		<1.3	U	
		VMP-7-38-042512	4/25/2012	<0.0047	U					0.012						<0.007	U		<0.0055	U	
		VMP-7-38-042512-Dup	4/25/2012	<0.0047	U					0.012						<0.007	U		<0.0055	U	
		VMP-7-38-101112	10/11/2012	<0.007	U					<0.0046	U					<0.01	U		<0.0081	U	
		VMP-7-38-060613	6/6/2013	<0.0083	U					0.0017	J					<0.012	U		<0.0097	U	
VMP-8	5 ft	VMP-8-5	11/10/2009	<0.006	U					0.0083						<0.009	U		<0.007	U	
		VMP - 8 - 5 - 083010	8/30/2010	0.0018	J	J				<0.0046	U					0.0015	J		0.0034	J	
		VMP-8-5-111810	11/17/2010	<0.006	U					<0.004	U					<0.009	U		<0.007	U	
		VMP-8-5-021011	2/10/2011	<0.0064	U					0.0012	J					<0.0095	U		<0.0074	U	
		VMP-8-5-040711	4/7/2011	<0.0071	U					0.0014	J					<0.011	U		<0.0083	J	U
		VMP-8-5-072711	7/27/2011	<0.0077	U					0.0014	J					<0.011	U		<0.0089	U	
		VMP-8-5-110311	11/3/2011	<0.0044	U					<0.0029	U					<0.0066	U		<0.0051	U	
		VMP-8-5-012312	1/23/2012	<0.0055	U					<0.0036	U					<0.0081	U		<0.0064	U	
		VMP-8-5-041012	4/10/2012	0.00086	J					0.0044						<0.0073	U		<0.0057	U	
		VMP-8-5-071312	7/13/2012	<0.0042	U	UJ				<0.0028	U					<0.0062	U		<0.0048	U	
		VMP-8-5-073112	7/31/2012	<0.0053	U					0.0028	J					<0.0079	U		<0.0062	U	
		VMP-8-5-100412	10/4/2012	<0.0071	U					<0.0048	U					<0.011	U		<0.0083	U	
		VMP-8-5-100412-Dup	10/4/2012	<0.0068	U					<0.0045	U					<0.01	U		<0.0079	U	
		VMP-8-5-012413	1/24/2013	<0.007	U					<0.0046	U					<0.01	U		<0.0081	U	
		VMP-8-5-042513	4/25/2013	<0.0075	U					<0.005	U					<0.011	U		<0.0087	U	
	9.5 ft	VMP-8-9.5	11/10/2009	<0.005	U					<0.003	U					<0.008	U		<0.006	U	
		VMP - 8 - 9.5 - 083010	8/30/2010	<0.0063	U					<0.0042	U					<0.0093	U		<0.0073	U	
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010	<0.0064	U					<0.0042	U					<0.0095	U		<0.0074	U	
		VMP-8-9.5-111810	11/17/2010	<0.0063	U					0.0011	J					<0.0093	U		<0.0073	U	
		VMP-8-9.5-021011	2/10/2011	<0.0065	U					<0.0043	U					<0.0097	U		<0.0076	U	
		VMP-8-9.5-040711	4/7/2011	<0.0071	U					0.00079	J					<0.011	U		<0.0083	U	
		VMP-8-9.5-072711	7/27/2011	<0.0055	U					0.0014	J					<0.0082	U		<0.0064	U	
		VMP-8-9.5-110311	11/3/2011	<0.0043	U					<0.0029	U					<0.0064	U		<0.005	U	
		VMP-8-9.5-012312	1/23/2012	<0.0052	U					0.0026	J					<0.0078	U		<0.0061	U	
		VMP-8-9.5-041012	4/10/2012	<0.0049	U					0.0056						<0.0073	U		<0.0057	U	
		VMP-8-9.5-071312	7/13/2012	<0.0048	U	UJ				<0.0032	U					<0.0072	U		<0.0056	U	
		VMP-8-9.5-071312-Dup	7/13/2012	<0.0046	U	UJ				<0.0031	U					<0.0069	U		<0.0054	U	
		VMP-8-9.5-100412	10/4/2012	<0.0078	U					0.0039	J					<0.012	U		<0.0091	U	
		VMP-8-9.5-012413	1/24/2013	<0.0065	U					0.0015	J					<0.0097	U		<0.0076	U	
		VMP-8-9.5-012413-Dup	1/24/2013	<0.007	U					0.0012	J					<0.01	U		<0.0081	U	
		VMP-8-9.5-042513	4/25/2013	<0.0069	J	U				<0.0046	U					<0.01	U		<0.008	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
							1200						690			0.099			240		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-8	29.5 ft	VMP-7-29.5	11/9/2009	<1.1	U		<1.1	U		<0.94	U		<0.77	U		<0.77	U		<0.76	U	
		VMP - 7 - 29.5 - 083110	8/31/2010	<2.5	U		<2.5	U		<2	U		<1.7	U		<1.7	U		<1.6	U	
		VMP-7-29.5-111910	11/19/2010	<3.7	U		<3.7	U		<3.1	U		<2.5	U		<2.5	U		<2.4	U	
		VMP-7-29.5-020711	2/7/2011	<3.9	U		<3.9	U		<3.2	U		<2.6	U		<2.6	U		<2.6	U	
		VMP-7-29.5-040711	4/7/2011	<0.94	U		<0.94	U		<0.77	U		<0.63	U		<0.63	U		<0.62	U	
		VMP-7-29.5-080311	8/3/2011	<2.2	U		<2.2	U		<1.8	U		<1.5	U		<1.5	U		<1.5	U	
		VMP-7-29.5-111111	11/11/2011	<4.4	U		<4.4	U		<3.6	U		0.71	J		5.3			<2.9	U	
		VMP-7-29.5-020112	2/1/2012	<0.88	U		<0.88	U		<0.72	U		<0.59	U		<0.59	U		<0.58	U	
		VMP-7-29.5-041312	4/13/2012	<0.0055	U		<0.0055	J	U	0.0025	J		<0.0037	U		<0.0037	U		<0.0036	U	
		VMP-7-29.5-072012	7/20/2012	<0.0056	U		<0.0056	U		0.0024	J		<0.0038	U		<0.0038	U		<0.0037	U	
		VMP-7-29.5-072012-Dup	7/20/2012	<0.0056	U		<0.0056	U		0.0027	J		<0.0038	U		<0.0038	U		<0.0037	U	
		VMP-7-29.5-101012	10/10/2012	<0.0087	U		<0.0087	J	U	0.0023	J		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-7-29.5-060613	6/6/2013	<0.0091	U		<0.0091	U		0.0024	J		<0.0061	U		<0.0061	U		<0.006	U	
	38 ft	VMP-7-38	11/9/2009	<0.4	U		<0.4	U		<0.33	U		<0.27	U		<0.27	U		<0.26	U	
		VMP-7-38-020711	2/7/2011	<5.2	U		<5.2	U		<4.3	U		<3.5	U		<3.5	U		<3.4	U	
		VMP-7-38-040711	4/7/2011	<1.3	U		<1.3	U		<1.1	U		<0.89	U		<0.89	U		<0.87	U	
		VMP-7-38-020112	2/1/2012	<1.3	U		<1.3	U		<1	U		<0.85	U		<0.85	U		<0.83	U	
		VMP-7-38-042512	4/25/2012	<0.0055	J	U	<0.0055	J	U	0.0025	J		<0.0037	U		<0.0037	U		<0.0036	U	
		VMP-7-38-042512-Dup	4/25/2012	<0.0055	J	U	<0.0055	J	U	0.0026	J		<0.0037	U		<0.0037	U		<0.0036	U	
		VMP-7-38-101112	10/11/2012	<0.0081	U		<0.0081	U		0.0027	J		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-7-38-060613	6/6/2013	<0.0097	U		<0.0097	U		0.0025	J		<0.0065	U		<0.0065	U		<0.0064	U	
VMP-8	5 ft	VMP-8-5	11/10/2009	<0.007	U		<0.007	U		<0.005	U		<0.004	U		<0.004	U		<0.004	U	
		VMP - 8 - 5 - 083010	8/30/2010	0.0038	J		0.0046	J		0.0026	J		0.00069	J		0.00092	J		<0.0053	U	
		VMP-8-5-111810	11/17/2010	<0.007	U		<0.007	U		0.0027	J		<0.0047	U		<0.0047	U		<0.0046	U	
		VMP-8-5-021011	2/10/2011	<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U		<0.0049	U	
		VMP-8-5-040711	4/7/2011	<0.0083	U		<0.0083	J	U	0.0026	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-8-5-072711	7/27/2011	<0.0089	U		0.0013	J		0.0023	J		<0.006	U		<0.006	U		<0.0059	U	
		VMP-8-5-110311	11/3/2011	<0.0051	U		<0.0051	U		0.0024	J		<0.0035	U		<0.0035	U		<0.0034	U	
		VMP-8-5-012312	1/23/2012	<0.0064	J	U	<0.0064	U		0.0039	J		<0.0043	U		<0.0043	U		<0.0042	U	
		VMP-8-5-041012	4/10/2012	<0.0057	U		0.0012	J		0.0021	J		<0.0039	U		<0.0039	U		<0.0038	U	
		VMP-8-5-071312	7/13/2012	<0.0048	U		<0.0048	U		0.0017	J		<0.0032	U		<0.0032	U		<0.0032	U	
		VMP-8-5-073112	7/31/2012	<0.0062	U		<0.0062	U		0.0026	J		<0.0042	U		<0.0042	U		<0.0041	U	
		VMP-8-5-100412	10/4/2012	<0.0083	J	U	<0.0083	J	U	0.002	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-8-5-100412-Dup	10/4/2012	<0.0079	U		<0.0079	J	U	0.002	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-8-5-012413	1/24/2013	<0.0081	U		<0.0081	J	U	0.0025	J		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-8-5-042513	4/25/2013	<0.0087	U		<0.0087	J	U	0.0024	J		<0.0059	U		<0.0059	U		<0.0057	U	
	9.5 ft	VMP-8-9.5	11/10/2009	<0.006	U		<0.006	U		<0.005	U		<0.004	U		<0.004	U		<0.004	U	
		VMP - 8 - 9.5 - 083010	8/30/2010	0.0025	J		0.0029	J		0.0024	J		0.00048	J		<0.0049	U		<0.0048	U	
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010	0.0021	J		0.0026	J		0.0024	J		0.00041	J		0.0007	J		<0.0049	U	
		VMP-8-9.5-111810	11/17/2010	<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-8-9.5-021011	2/10/2011	<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-8-9.5-040711	4/7/2011	<0.0083	U		0.00092	J		0.0016	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-8-9.5-072711	7/27/2011	<0.0064	U		0.0011	J		0.0019	J		<0.0043	U		<0.0043	U		<0.0042	U	
		VMP-8-9.5-110311	11/3/2011	<0.005	U		<0.005	U		0.0019	J		<0.0034	U		<0.0034	U		<0.0033	U	
		VMP-8-9.5-012312	1/23/2012	<0.0061	U		<0.0061	U		0.004	J		<0.0041	U		<0.0041	U		<0.004	U	
		VMP-8-9.5-041012	4/10/2012	0.002	J		0.0012	J		0.0024	J		<0.0039	U		<0.0039	U		<0.0038	U	
		VMP-8-9.5-071312	7/13/2012	<0.0056	U		<0.0056	U		0.0024	J		<0.0038	U		<0.0038	U		<0.0037	U	
		VMP-8-9.5-071312-Dup	7/13/2012	<0.0054	U		<0.0054	U		0.0021	J		<0.0036	U		<0.0036	U		<0.0035	U	
		VMP-8-9.5-100412	10/4/2012	<0.0091	U		<0.0091	J	U	0.0022	J		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-8-9.5-012413	1/24/2013	<0.0076	U		<0.0076	J	U	0.0027	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-8-9.5-012413-Dup	1/24/2013	<0.0081	U		<0.0081	U		0.0029	J		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-8-9.5-042513	4/25/2013	<0.008	J	U	<0.008	J	U	0.0026	J		<0.0054	U		<0.0054	U		<0.0053	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene		
				1100000			85			5.6			0.062			0.9			0.9		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	29.5 ft	VMP-7-29.5	11/9/2009	<0.76	U		<0.76	U		<0.66	U		<0.88	U		<0.87	U		<0.87	U	
		VMP - 7 - 29.5 - 083110	8/31/2010	<1.6	U		<1.6	U		<1.4	U		<1.9	U		<1.9	U		<1.9	U	
		VMP-7-29.5-111910	11/19/2010	<2.4	U		<2.4	U		<2.2	U		<2.9	U		<2.8	U		<2.8	U	
		VMP-7-29.5-020711	2/7/2011	<2.6	U		<2.6	U		<2.2	U		<3	U		<2.9	U		<2.9	U	
		VMP-7-29.5-040711	4/7/2011	<0.62	U		<0.62	U		<0.54	U		<0.72	U		<0.71	U		<0.71	U	
		VMP-7-29.5-080311	8/3/2011	<1.5	U		<1.5	U		<1.3	U		<1.7	U		<1.7	U		<1.7	U	
		VMP-7-29.5-111111	11/11/2011	<2.9	U		<2.9	U		<2.5	U		<3.4	U		<3.3	U		<3.3	U	
		VMP-7-29.5-020112	2/1/2012	<0.58	U		<0.58	U		<0.51	U		<0.67	U		<0.66	U		<0.66	U	
		VMP-7-29.5-041312	4/13/2012	<0.0036	U		<0.0036	U		<0.032	J	U	<0.0042	U		<0.0042	U		<0.0042	U	
		VMP-7-29.5-072012	7/20/2012	<0.0037	U		<0.0037	U		0.0015	J		<0.0043	U		<0.0042	U		<0.0042	U	
		VMP-7-29.5-072012-Dup	7/20/2012	<0.0037	U		<0.0037	U		0.0012	J		<0.0043	U		<0.0042	U		<0.0042	U	
		VMP-7-29.5-101012	10/10/2012	<0.0057	U		<0.0057	U		0.0023	J		<0.0067	U		<0.0066	U		0.0017	J	
		VMP-7-29.5-060613	6/6/2013	<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U	
	38 ft	VMP-7-38	11/9/2009	<0.26	U		<0.26	U		<0.23	U		<0.3	U		<0.3	U		<0.3	U	
		VMP-7-38-020711	2/7/2011	<3.4	U		<3.4	U		<3	U		<4	U		<3.9	U		<3.9	U	
		VMP-7-38-040711	4/7/2011	<0.87	U		<0.87	U		<0.76	U		<1	U		<1	U		<1	U	
		VMP-7-38-020112	2/1/2012	<0.83	U		<0.83	U		<0.73	U		<0.97	U		<0.95	U		<0.95	U	
		VMP-7-38-042512	4/25/2012	<0.0036	U		<0.0036	U		<0.032	J	U	<0.0042	U		<0.0042	U		<0.0042	U	
		VMP-7-38-042512-Dup	4/25/2012	<0.0036	U		<0.0036	U		<0.032	J	U	<0.0042	U		<0.0042	U		<0.0042	U	
		VMP-7-38-101112	10/11/2012	<0.0053	U		<0.0053	U		0.002	J		<0.0062	U		<0.0061	U		<0.0061	U	
		VMP-7-38-060613	6/6/2013	<0.0064	U		<0.0064	U		0.0029	J		<0.0074	U		<0.0073	U		<0.0073	J	U
VMP-8	5 ft	VMP-8-5	11/10/2009	<0.004	U		<0.004	U		<0.004	U		<0.005	U		<0.005	U		<0.005	U	
		VMP - 8 - 5 - 083010	8/30/2010	0.0012	J		<0.0053	U		0.0026	J		<0.0062	U		<0.0061	U		<0.0061	U	
		VMP-8-5-111810	11/17/2010	<0.0046	U		<0.0046	U		0.00071	J		<0.0054	U		<0.0053	U		<0.0053	U	
		VMP-8-5-021011	2/10/2011	<0.0049	U		<0.0049	U		<0.0043	U		<0.0057	U		<0.0056	U		<0.0056	U	
		VMP-8-5-040711	4/7/2011	<0.0055	U		<0.0055	U		<0.0048	U		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-8-5-072711	7/27/2011	<0.0059	U		<0.0059	U		<0.0051	U		<0.0068	U		<0.0067	U		<0.0067	U	
		VMP-8-5-110311	11/3/2011	<0.0034	U		<0.0034	U		<0.003	J	U	<0.004	U		<0.0039	U		<0.0039	U	
		VMP-8-5-012312	1/23/2012	<0.0042	U		<0.0042	U		<0.0037	J	U	<0.0049	U		<0.0048	U		<0.0048	J	U
		VMP-8-5-041012	4/10/2012	<0.0038	U		<0.0038	U		0.0012	J		0.0013	J		<0.0043	U		0.0044		
		VMP-8-5-071312	7/13/2012	<0.0032	U		<0.0032	U		0.0015	J		0.0017	J		<0.0036	U		<0.0036	U	
		VMP-8-5-073112	7/31/2012	<0.0041	U		<0.0041	U		<0.036	J	U	<0.0048	U		<0.0047	U		<0.0047	U	
		VMP-8-5-100412	10/4/2012	<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-8-5-100412-Dup	10/4/2012	<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U	
		VMP-8-5-012413	1/24/2013	<0.0053	U		<0.0053	U		<0.047	J	U	<0.0062	U		<0.0061	U		<0.0061	U	
		VMP-8-5-042513	4/25/2013	<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U	
	9.5 ft	VMP-8-9.5	11/10/2009	<0.004	U		<0.004	U		<0.003	U		<0.005	U		<0.005	U		<0.005	U	
		VMP - 8 - 9.5 - 083010	8/30/2010	0.00059	J		<0.0048	U		0.005			<0.0056	U		<0.0055	U		<0.0055	U	
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010	<0.0049	U		<0.0049	U		0.0013	J		0.00099	J		<0.0056	U		<0.0056	U	
		VMP-8-9.5-111810	11/17/2010	<0.0048	U		<0.0048	U		<0.0042	U		<0.0056	U		<0.0055	U		<0.0055	U	
		VMP-8-9.5-021011	2/10/2011	<0.005	U		<0.005	U		<0.0044	U		<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-8-9.5-040711	4/7/2011	<0.0055	U		<0.0055	U		0.00097	J		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-8-9.5-072711	7/27/2011	<0.0042	U		<0.0042	U		0.0065			<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-8-9.5-110311	11/3/2011	<0.0033	U		<0.0033	U		<0.0029	J	U	<0.0039	U		<0.0038	U		<0.0038	U	
		VMP-8-9.5-012312	1/23/2012	<0.004	U		<0.004	U		<0.0035	J	U	<0.0047	U		<0.0046	U		<0.0046	U	
		VMP-8-9.5-041012	4/10/2012	<0.0038	U		<0.0038	U		0.0014	J		<0.0044	U		<0.0043	U		0.0065		
		VMP-8-9.5-071312	7/13/2012	<0.0037	U		<0.0037	U		<0.032	U		<0.0043	U		<0.0042	U		<0.0042	U	
		VMP-8-9.5-071312-Dup	7/13/2012	<0.0035	U		<0.0035	U		0.001	J		<0.0041	U		<0.0041	U		<0.0041	U	
		VMP-8-9.5-100412	10/4/2012	<0.006	U		<0.006	U		0.0046	J		<0.007	U		<0.0069	U		<0.0069	U	
		VMP-8-9.5-012413	1/24/2013	<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-8-9.5-012413-Dup	1/24/2013	<0.0053	U		<0.0053	U		<0.047	J	U	<0.0062	U		<0.0061	U		0.00081	J	
		VMP-8-9.5-042513	4/25/2013	<0.0053	U		<0.0053	U		<0.046	J	U	<0.0062	U		<0.0061	U		<0.0061	J	U

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 113		
				0.22						1400											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-8	29.5 ft	VMP-7-29.5	11/9/2009	<2.8	U		<1.4	U		<0.83	U		<0.94	U		<1.5	U		<1.5	U	
		VMP - 7 - 29.5 - 083110	8/31/2010	<5.9	U		<3.1	U		<1.8	U		<2	U		<3.2	U		<3.2	U	
		VMP-7-29.5-111910	11/19/2010	<8.9	U		<4.7	U		<2.7	U		<3	U		<4.8	U		<4.8	U	
		VMP-7-29.5-020711	2/7/2011	<9.3	U		<4.9	U		<2.8	U		0.77	J		<4.9	U		<4.9	U	
		VMP-7-29.5-040711	4/7/2011	<2.2	U		<1.2	U		<0.68	U		0.23	J	J	<1.2	U		<1.2	U	
		VMP-7-29.5-080311	8/3/2011	<5.3	U		<2.8	U		<1.6	U		<1.8	U		<2.8	U		<2.8	U	
		VMP-7-29.5-111111	11/11/2011	<10	U		3.3	J		2.7	J		1.6	J		<5.6	U		<5.6	U	
		VMP-7-29.5-020112	2/1/2012	<2.1	U		<1.1	U		<0.63	U		<0.72	U		<1.1	U		<1.1	U	
		VMP-7-29.5-041312	4/13/2012	<0.013	U		0.021			0.0017	J		0.0051			<0.007	U		<0.007	U	
		VMP-7-29.5-072012	7/20/2012	<0.013	U		0.025			0.0031	J		0.00088	J		<0.0072	U		<0.0072	U	
		VMP-7-29.5-072012-Dup	7/20/2012	<0.013	U		0.016			0.003	J		0.00093	J		<0.0072	U		<0.0072	U	
		VMP-7-29.5-101012	10/10/2012	<0.021	UJ	UJ	0.0076	J	J	<0.0063	U		<0.0071	U		<0.011	U		<0.011	U	
		VMP-7-29.5-060613	6/6/2013	<0.022	U		<0.011	J	U	<0.0066	U		<0.0074	U		<0.012	U		<0.012	U	
	38 ft	VMP-7-38	11/9/2009	<0.95	U		<0.5	U		<0.29	U		<0.32	U		<0.5	U		<0.5	U	
		VMP-7-38-020711	2/7/2011	<12	U		<6.5	U		<3.8	U		<4.2	U		<6.6	U		<6.6	U	
		VMP-7-38-040711	4/7/2011	<3.2	U		<1.6	U		<0.96	U		<1.1	U		<1.7	U		<1.7	U	
		VMP-7-38-020112	2/1/2012	<3	U		<1.6	U		<0.91	U		<1	U		<1.6	U		<1.6	U	
		VMP-7-38-042512	4/25/2012	<0.013	U		0.026			0.0051			0.002	J		<0.007	U		<0.007	U	
		VMP-7-38-042512-Dup	4/25/2012	<0.013	U		0.028			0.0036	J		<0.0045	U		<0.007	U		<0.007	U	
		VMP-7-38-101112	10/11/2012	<0.019	UJ	UJ	0.006	J	J	<0.0058	U		<0.0066	U		<0.01	U		<0.01	U	
		VMP-7-38-060613	6/6/2013	<0.023	U		<0.012	J	U	<0.007	U		<0.0079	U		<0.012	U		<0.012	U	
	5 ft	VMP-8-5	11/10/2009	<0.017	U		0.023		J	<0.005	U		<0.005	U		<0.008	U		<0.008	U	
		VMP - 8 - 5 - 083010	8/30/2010	<0.019	U		<0.01	U		<0.0058	U		0.0014	J		0.0019	J		0.0019	J	
		VMP-8-5-111810	11/17/2010	<0.017	U		0.0073	J		<0.005	J	U	<0.0057	U		0.0017	J		0.0017	J	
		VMP-8-5-021011	2/10/2011	<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0095	U	
		VMP-8-5-040711	4/7/2011	0.0057	J		<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.01	U	
		VMP-8-5-072711	7/27/2011	<0.021	U		0.037			0.0026	J		0.0033	J		<0.011	U		<0.011	U	
		VMP-8-5-110311	11/3/2011	<0.012	U		0.052			0.0033	J		0.00052	J		<0.0066	U		<0.0066	U	
		VMP-8-5-012312	1/23/2012	<0.015	U		0.023			0.00052	J		0.00067	J		<0.0081	U		<0.0081	U	
		VMP-8-5-041012	4/10/2012	<0.014	U		<0.0072	U		0.0034	J		0.0014	J		<0.0073	U		<0.0073	U	
		VMP-8-5-071312	7/13/2012	<0.012	U		0.0086			<0.0035	U		<0.004	J	U	<0.0062	U		<0.0062	U	
		VMP-8-5-073112	7/31/2012	<0.015	U		0.061			0.0044			0.00067	J		<0.0079	U		<0.0079	U	
		VMP-8-5-100412	10/4/2012	<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.01	U	
		VMP-8-5-100412-Dup	10/4/2012	<0.019	U		<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.01	U	
		VMP-8-5-012413	1/24/2013	<0.019	U		0.0038	J		<0.0058	U		<0.0066	U		<0.01	U		<0.01	U	
		VMP-8-5-042513	4/25/2013	<0.021	U		<0.011	J	U	0.0065			0.0069			<0.011	U		<0.011	U	
	9.5 ft	VMP-8-9.5	11/10/2009	<0.016	U		0.03		J	<0.004	U		<0.005	U		<0.008	U		<0.008	U	
		VMP - 8 - 9.5 - 083010	8/30/2010	<0.017	U		0.016			<0.0052	U		0.0011	J		0.0011	J		0.0011	J	
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010	<0.018	U		0.013			<0.0054	U		<0.0061	U		0.001	J		0.001	J	
		VMP-8-9.5-111810	11/17/2010	0.0021	J		0.01			<0.0052	J	U	<0.0059	U		0.0018	J		0.0018	J	
		VMP-8-9.5-021011	2/10/2011	<0.018	U		0.0028	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0096	U	
		VMP-8-9.5-040711	4/7/2011	<0.02	U		0.0074	J		<0.006	U		<0.0068	U		<0.01	U		<0.01	U	
		VMP-8-9.5-072711	7/27/2011	<0.015	U		0.082			0.0028	J		0.0032	J		<0.0082	U		<0.0082	U	
		VMP-8-9.5-110311	11/3/2011	0.0045	J		0.029			0.0044			0.0011	J		<0.0064	U		<0.0064	U	
		VMP-8-9.5-012312	1/23/2012	<0.015	U		0.012			0.0014	J		0.00079	J		<0.0078	U		<0.0078	U	
		VMP-8-9.5-041012	4/10/2012	<0.014	U		<0.0072	U		0.00077	J		<0.0047	U		<0.0073	U		<0.0073	U	
		VMP-8-9.5-071312	7/13/2012	<0.013	U		0.0025	J		<0.004	U		<0.0046	U		<0.0072	U		<0.0072	U	
		VMP-8-9.5-071312-Dup	7/13/2012	<0.013	U		<0.0067	U		<0.0039	U		<0.0044	U		<0.0068	U		<0.0068	U	
		VMP-8-9.5-100412	10/4/2012	<0.022	U		<0.011	U		0.0024	J		<0.0074	U		<0.012	U		<0.012	U	
		VMP-8-9.5-012413	1/24/2013	<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0096	U	
		VMP-8-9.5-012413-Dup	1/24/2013	<0.019	U		<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.01	U	
		VMP-8-9.5-042513	4/25/2013	<0.019	U		<0.01	J	U	0.002	J		<0.0066	J	U	<0.01	U		<0.01	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Freon 114			Heptadecane			Heptane			Hexachlorobutadiene			Hexane			Hexane, 2,2,4-trimethyl-		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
	29.5 ft	VMP-7-29.5	11/9/2009	<1.3	U					460		J	<8.1	U		420		J			
		VMP - 7 - 29.5 - 083110	8/31/2010	<2.9	U					420		J	<18	U		420		J			
		VMP-7-29.5-111910	11/19/2010	<4.3	U					300		J	<26	U		270					
		VMP-7-29.5-020711	2/7/2011	<4.5	U					350			<28	U		320					
		VMP-7-29.5-040711	4/7/2011	<1.1	U					220		J	<6.7	U		190		J			
		VMP-7-29.5-080311	8/3/2011	<2.6	U					350			<16	U		360					
		VMP-7-29.5-111111	11/11/2011	<5.1	U					110			<31	U		130					
		VMP-7-29.5-020112	2/1/2012	<1	U					150		J	<6.2	U		160		J			
		VMP-7-29.5-041312	4/13/2012	<0.0064	U					0.012			<0.039	U		0.02					
		VMP-7-29.5-072012	7/20/2012	<0.0065	U					0.0043			<0.04	U		0.005					
		VMP-7-29.5-072012-Dup	7/20/2012	<0.0065	U					0.0036	J		<0.04	U		0.0048					
		VMP-7-29.5-101012	10/10/2012	<0.01	U					<0.0059	U		<0.062	U		0.0029	J				
		VMP-7-29.5-060613	6/6/2013	<0.01	U					0.0025	J		<0.064	U		0.003	J				
	38 ft	VMP-7-38	11/9/2009	<0.46	U					170		J	<2.8	U		140		J			
		VMP-7-38-020711	2/7/2011	<6	U					210			<37	U		280					
		VMP-7-38-040711	4/7/2011	<1.5	U					110		J	<9.4	U		150		J			
		VMP-7-38-020112	2/1/2012	<1.5	U					180		J	<9	U		180		J			
		VMP-7-38-042512	4/25/2012	<0.0064	U					0.0096			<0.039	U		0.018		J			
		VMP-7-38-042512-Dup	4/25/2012	<0.0064	U					0.01			<0.039	U		0.024		J			
		VMP-7-38-101112	10/11/2012	<0.0094	U					<0.0055	U		<0.057	U		0.0017	J				
		VMP-7-38-060613	6/6/2013	<0.011	U					0.0016	J		<0.069	U		0.0029	J				
VMP-8	5 ft	VMP-8-5	11/10/2009	<0.008	U					0.016			<0.05	U		0.016					
		VMP - 8 - 5 - 083010	8/30/2010	<0.0094	U					0.0019	J		<0.057	U		0.0032	J				
		VMP-8-5-111810	11/17/2010	<0.0081	U					0.0025	J		<0.05	U		0.0019	J				
		VMP-8-5-021011	2/10/2011	<0.0086	U					<0.0051	U		<0.053	U		0.0011	J				
		VMP-8-5-040711	4/7/2011	<0.0096	U					<0.0056	U		<0.059	U		<0.0049	U				
		VMP-8-5-072711	7/27/2011	<0.01	U					0.0021	J		<0.063	U		0.0026	J				
		VMP-8-5-110311	11/3/2011	<0.006	U					0.0026	J		<0.036	U		0.0033					
		VMP-8-5-012312	1/23/2012	<0.0074	U					0.0016	J		<0.045	U		0.0024	J				
		VMP-8-5-041012	4/10/2012	<0.0067	U					0.0064			<0.041	U		0.0073					
		VMP-8-5-071312	7/13/2012	<0.0056	U					<0.0033	U		<0.034	U		0.00072	J				
		VMP-8-5-073112	7/31/2012	<0.0072	U					0.011			<0.044	U		0.002	J				
		VMP-8-5-100412	10/4/2012	<0.0096	U					0.0019	J		0.0076	J		0.0026	J				
		VMP-8-5-100412-Dup	10/4/2012	<0.0092	U					0.0019	J		<0.056	U		0.003	J				
		VMP-8-5-012413	1/24/2013	<0.0094	U					<0.0055	U		<0.057	U		<0.0047	U				
		VMP-8-5-042513	4/25/2013	<0.01	U					<0.0059	U		<0.062	U		<0.0051	U				
	9.5 ft	VMP-8-9.5	11/10/2009	<0.007	U					0.0046			<0.048	U		0.0042					
		VMP - 8 - 9.5 - 083010	8/30/2010	<0.0084	U					0.0017	J		<0.052	U		0.0055					
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010	<0.0086	U					0.0016	J		<0.053	U		0.0034	J				
		VMP-8-9.5-111810	11/17/2010	<0.0084	U					<0.005	U		<0.052	U		0.0017	J				
		VMP-8-9.5-021011	2/10/2011	<0.0088	U					<0.0052	U		<0.054	U		<0.0044	U				
		VMP-8-9.5-040711	4/7/2011	<0.0096	U					<0.0056	U		<0.059	U		0.0012	J				
		VMP-8-9.5-072711	7/27/2011	<0.0074	U					0.0039	J		<0.045	U		0.0048					
		VMP-8-9.5-110311	11/3/2011	<0.0059	U					0.0021	J		<0.036	U		0.0018	J				
		VMP-8-9.5-012312	1/23/2012	<0.0071	U					0.005			<0.043	U		0.0064					
		VMP-8-9.5-041012	4/10/2012	<0.0067	U					0.002	J		<0.041	U		0.012					
		VMP-8-9.5-071312	7/13/2012	<0.0065	U					<0.0038	U		<0.04	U		<0.0033	U				
		VMP-8-9.5-071312-Dup	7/13/2012	<0.0062	U					<0.0037	U		<0.038	U		<0.0032	U				
		VMP-8-9.5-100412	10/4/2012	<0.01	U					0.0061	J		<0.065	U		0.0088					
		VMP-8-9.5-012413	1/24/2013	<0.0088	U					<0.0052	U		<0.054	U		0.0018	J				
		VMP-8-9.5-012413-Dup	1/24/2013	<0.0094	U					<0.0055	U		<0.057	U		<0.0047	U				
		VMP-8-9.5-042513	4/25/2013	<0.0094	U					<0.0055	U		<0.057	U		<0.0047	U				

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Hexane, 3,4-dimethyl-			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
													600						3400		
				Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	29.5 ft	VMP-7-29.5	11/9/2009				<3.1	U					7.5		J	<0.78	U		<0.69	U	
		VMP - 7 - 29.5 - 083110	8/31/2010				<6.7	U					6		J	<1.7	U		<1.5	U	
		VMP-7-29.5-111910	11/19/2010				<10	U					4.8		J	<2.5	U		<2.2	U	
		VMP-7-29.5-020711	2/7/2011				<10	U					10			<2.6	U		<2.3	U	
		VMP-7-29.5-040711	4/7/2011				<2.6	U		380		J	3.4		J	<0.64	U		<0.56	U	
		VMP-7-29.5-080311	8/3/2011				<6.1	U		850			1.6	J		<1.5	U		<1.3	U	
		VMP-7-29.5-111111	11/11/2011				<12	U		500			<3.6	U		<3	U		<2.6	U	
		VMP-7-29.5-020112	2/1/2012				<2.4	U		360		J	0.54	J	J	<0.6	U		<0.53	U	
		VMP-7-29.5-041312	4/13/2012				<0.015	U		0.21			0.018			0.024			<0.0033	J	U
		VMP-7-29.5-072012	7/20/2012				<0.015	U		<0.011	U		0.0052			0.025			<0.0034	U	
		VMP-7-29.5-072012-Dup	7/20/2012				<0.015	U		<0.011	U		0.0061			0.027			<0.0034	U	
		VMP-7-29.5-101012	10/10/2012				<0.024	UJ	UJ	0.0057	J		<0.0071	U		<0.0059	U		<0.0052	U	
		VMP-7-29.5-060613	6/6/2013				<0.025	U		0.011	J		<0.0074	U		<0.0062	U		<0.0054	U	
	38 ft	VMP-7-38	11/9/2009				<1.1	U					4		J	<0.27	U		<0.24	U	
		VMP-7-38-020711	2/7/2011				<14	U					6.8			<3.5	U		<3.1	U	
		VMP-7-38-040711	4/7/2011				<3.6	U		500		J	0.56	J	J	<0.9	U		<0.79	U	
		VMP-7-38-020112	2/1/2012				<3.4	U		390		J	0.55	J	J	<0.86	U		<0.76	U	
		VMP-7-38-042512	4/25/2012				<0.015	U		0.043			0.019			0.047			<0.0033	U	
		VMP-7-38-042512-Dup	4/25/2012				<0.015	U		0.058			0.02			0.047			<0.0033	U	
		VMP-7-38-101112	10/11/2012				<0.022	UJ	UJ	0.0033	J		<0.0066	U		0.003	J		<0.0048	U	
		VMP-7-38-060613	6/6/2013				<0.026	U		0.036			<0.0079	U		0.0038	J		<0.0058	U	
VMP-8	5 ft	VMP-8-5	11/10/2009				<0.019	U					<0.005	U		<0.004	U		<0.004	U	
		VMP - 8 - 5 - 083010	8/30/2010				0.0029	J					<0.0066	U		<0.0055	U		0.00052	J	
		VMP-8-5-111810	11/17/2010				<0.019	U					<0.0057	U		<0.0048	U		0.00055	J	
		VMP-8-5-021011	2/10/2011				<0.02	U					<0.0061	U		<0.005	U		<0.0044	U	
		VMP-8-5-040711	4/7/2011				<0.023	U		0.0037	J		<0.0068	U		<0.0056	U		<0.005	U	
		VMP-8-5-072711	7/27/2011				0.0054	J		<0.017	U		0.05			0.24			<0.0053	U	
		VMP-8-5-110311	11/3/2011				0.0006	J		0.017			0.0028	J		0.015			<0.0031	U	
		VMP-8-5-012312	1/23/2012				<0.017	U		0.0092	J		0.003	J		0.058			<0.0038	U	
		VMP-8-5-041012	4/10/2012				<0.016	U		0.063			0.0017	J		<0.0039	U		<0.0034	U	
		VMP-8-5-071312	7/13/2012				<0.013	J	U	0.0022	J		<0.004	U		<0.0033	J	U	<0.0029	U	
		VMP-8-5-073112	7/31/2012				0.0025	J		0.011	J		0.057			0.2			<0.0037	U	
		VMP-8-5-100412	10/4/2012				<0.023	U		0.0031	J		<0.0068	U		<0.0056	U		<0.005	U	
		VMP-8-5-100412-Dup	10/4/2012				<0.022	U		0.0028	J		<0.0065	U		<0.0054	U		<0.0048	U	
		VMP-8-5-012413	1/24/2013				<0.022	U		<0.016	U		<0.0066	U		0.0028	J		<0.0048	U	
		VMP-8-5-042513	4/25/2013				<0.024	U		0.049			0.0075			<0.0059	U		<0.0052	U	
	9.5 ft	VMP-8-9.5	11/10/2009				<0.018	U					<0.005	U		<0.004	U		<0.004	U	
		VMP - 8 - 9.5 - 083010	8/30/2010				0.0013	J					<0.0059	U		<0.005	U		0.00039	J	
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010				0.0017	J					<0.0061	U		<0.005	U		<0.0044	U	
		VMP-8-9.5-111810	11/17/2010				<0.02	U					<0.0059	U		<0.005	U		0.00054	J	
		VMP-8-9.5-021011	2/10/2011				<0.021	U					<0.0062	U		<0.0052	U		<0.0045	U	
		VMP-8-9.5-040711	4/7/2011				<0.023	U		0.0031	J		<0.0068	U		<0.0056	U		<0.005	U	
		VMP-8-9.5-072711	7/27/2011				0.0048	J		0.02			0.045			0.13			<0.0038	U	
		VMP-8-9.5-110311	11/3/2011				0.00037	J		0.011			0.0014	J		0.0088			<0.003	U	
		VMP-8-9.5-012312	1/23/2012				<0.017	U		0.019			0.0026	J		0.0061			<0.0036	U	
		VMP-8-9.5-041012	4/10/2012				<0.016	U		0.051			<0.0047	U		<0.0039	U		<0.0034	U	
		VMP-8-9.5-071312	7/13/2012				<0.015	U		<0.011	U		<0.0046	U		<0.0038	U		<0.0034	U	
		VMP-8-9.5-071312-Dup	7/13/2012				<0.015	U		<0.01	U		<0.0044	U		<0.0037	U		<0.0032	U	
		VMP-8-9.5-100412	10/4/2012				<0.025	U		0.024			<0.0074	U		<0.0062	U		<0.0055	U	
		VMP-8-9.5-012413	1/24/2013				<0.021	U		0.0077	J		<0.0062	U		<0.0052	U		<0.0045	U	
		VMP-8-9.5-012413-Dup	1/24/2013				<0.022	U		0.0062	J		<0.0066	U		<0.0055	U		<0.0048	U	
		VMP-8-9.5-042513	4/25/2013				<0.022	U		0.017			<0.0066	J	U	<0.0055	U		<0.0048	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Pentane, 2,2,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,4-dimethyl-			Pentane, 2-methyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
	29.5 ft	VMP-7-29.5	11/9/2009																	
		VMP - 7 - 29.5 - 083110	8/31/2010																	
		VMP-7-29.5-111910	11/19/2010																	
		VMP-7-29.5-020711	2/7/2011																	
		VMP-7-29.5-040711	4/7/2011																	
		VMP-7-29.5-080311	8/3/2011																	
		VMP-7-29.5-111111	11/11/2011																	
		VMP-7-29.5-020112	2/1/2012																	
		VMP-7-29.5-041312	4/13/2012																	
		VMP-7-29.5-072012	7/20/2012																	
		VMP-7-29.5-072012-Dup	7/20/2012																	
		VMP-7-29.5-101012	10/10/2012																	
		VMP-7-29.5-060613	6/6/2013																	
	38 ft	VMP-7-38	11/9/2009																	
		VMP-7-38-020711	2/7/2011																	
		VMP-7-38-040711	4/7/2011																	
		VMP-7-38-020112	2/1/2012																	
		VMP-7-38-042512	4/25/2012																	
		VMP-7-38-042512-Dup	4/25/2012																	
		VMP-7-38-101112	10/11/2012																	
		VMP-7-38-060613	6/6/2013																	
VMP-8	5 ft	VMP-8-5	11/10/2009																	
		VMP - 8 - 5 - 083010	8/30/2010																	
		VMP-8-5-111810	11/17/2010																	
		VMP-8-5-021011	2/10/2011																	
		VMP-8-5-040711	4/7/2011																	
		VMP-8-5-072711	7/27/2011																	
		VMP-8-5-110311	11/3/2011																	
		VMP-8-5-012312	1/23/2012																	
		VMP-8-5-041012	4/10/2012																	
		VMP-8-5-071312	7/13/2012																	
		VMP-8-5-073112	7/31/2012																	
		VMP-8-5-100412	10/4/2012																	
		VMP-8-5-100412-Dup	10/4/2012																	
		VMP-8-5-012413	1/24/2013																	
		VMP-8-5-042513	4/25/2013																	
	9.5 ft	VMP-8-9.5	11/10/2009																	
		VMP - 8 - 9.5 - 083010	8/30/2010																	
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010																	
		VMP-8-9.5-111810	11/17/2010																	
		VMP-8-9.5-021011	2/10/2011																	
		VMP-8-9.5-040711	4/7/2011																	
		VMP-8-9.5-072711	7/27/2011																	
		VMP-8-9.5-110311	11/3/2011																	
		VMP-8-9.5-012312	1/23/2012																	
		VMP-8-9.5-041012	4/10/2012																	
		VMP-8-9.5-071312	7/13/2012																	
		VMP-8-9.5-071312-Dup	7/13/2012																	
		VMP-8-9.5-100412	10/4/2012																	
		VMP-8-9.5-012413	1/24/2013																	
		VMP-8-9.5-012413-Dup	1/24/2013																	
		VMP-8-9.5-042513	4/25/2013																	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrachloroethene		
										1400						0.55			0.55		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-8	29.5 ft	VMP-7-29.5	11/9/2009	<1.9	U		6.5		J	<0.81	U		<1.3	U		<1.3	U		<1.3	U	
		VMP - 7 - 29.5 - 083110	8/31/2010	<4	U		5		J	<1.8	U		<2.8	U		<2.8	U		<2.8	U	
		VMP-7-29.5-111910	11/19/2010	<6.1	U		3.9		J	<2.6	U		<4.2	U		<4.2	U		<4.2	U	
		VMP-7-29.5-020711	2/7/2011	<6.3	U		9.8			<2.7	U		<4.4	U		<4.4	U		<4.4	U	
		VMP-7-29.5-040711	4/7/2011	<1.5	U		2.5		J	<0.67	U		<1.1	U		<1.1	U		<1.1	U	
		VMP-7-29.5-080311	8/3/2011	<3.6	U		1.1	J		<1.6	U		<2.5	U		<2.5	U		<2.5	U	
		VMP-7-29.5-111111	11/11/2011	3.2	J		0.84	J		0.62	J		<5	U		<4.9	U		<4.9	U	
		VMP-7-29.5-020112	2/1/2012	<1.4	U		0.32	J	J	<0.62	U		<1	U		<0.99	U		<0.99	U	
		VMP-7-29.5-041312	4/13/2012	0.015			<0.0045	J	U	0.0012	J		<0.0063	U		<0.0062	U		<0.0062	U	
		VMP-7-29.5-072012	7/20/2012	0.042		J	0.0005	J		0.00076	J		0.003	J		<0.0063	U		<0.0063	U	
		VMP-7-29.5-072012-Dup	7/20/2012	0.02		J	0.00086	J		0.00078	J		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-7-29.5-101012	10/10/2012	0.0026	J		<0.0071	U		<0.0062	U		<0.0099	U		<0.0098	U		<0.0098	U	
		VMP-7-29.5-060613	6/6/2013	<0.015	U		<0.0074	U		<0.0064	U		<0.01	U		<0.01	U		<0.01	U	
	38 ft	VMP-7-38	11/9/2009	<0.65	U		3.5		J	<0.28	U		<0.45	U		<0.45	U		<0.45	U	
		VMP-7-38-020711	2/7/2011	<8.5	U		4.6			<3.7	U		<5.9	U		<5.9	U		<5.9	U	
		VMP-7-38-040711	4/7/2011	<2.2	U		0.43	J	J	<0.94	U		<1.5	U		<1.5	U		<1.5	U	
		VMP-7-38-020112	2/1/2012	<2.1	U		0.33	J	J	<0.89	U		<1.4	U		<1.4	U		<1.4	U	
		VMP-7-38-042512	4/25/2012	0.018			<0.0045	U		<0.0039	U		<0.0063	U		<0.0062	J	U	<0.0062	J	U
		VMP-7-38-042512-Dup	4/25/2012	0.017			<0.0045	U		0.0011	J		<0.0063	U		<0.0062	J	U	<0.0062	J	U
		VMP-7-38-101112	10/11/2012	0.0039	J		<0.0066	U		<0.0057	U		<0.0092	U		<0.0091	U		<0.0091	U	
		VMP-7-38-060613	6/6/2013	0.0041	J		<0.0079	U		<0.0068	U		<0.011	U		<0.011	U		<0.011	U	
	5 ft	VMP-8-5	11/10/2009	<0.011	U		<0.005	U		<0.005	U		<0.008	U		<0.007	U		<0.007	U	
		VMP - 8 - 5 - 083010	8/30/2010	0.013	J		<0.0066	U		<0.0057	U		<0.0092	U		0.0048	J		0.0048	J	
		VMP-8-5-111810	11/17/2010	0.0026	J		<0.0057	U		0.0024	J		<0.008	U		0.0026	J		0.0026	J	
		VMP-8-5-021011	2/10/2011	0.008	J		<0.0061	U		<0.0053	U		<0.0085	U		<0.0084	U		<0.0084	U	
		VMP-8-5-040711	4/7/2011	<0.014	U		<0.0068	U		<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0094	J	U
		VMP-8-5-072711	7/27/2011	0.075			0.00084	J		0.0015	J		<0.01	U		0.0028	J		0.0028	J	
		VMP-8-5-110311	11/3/2011	0.014			<0.0042	U		<0.0036	U		<0.0059	U		<0.0058	U		<0.0058	U	
		VMP-8-5-012312	1/23/2012	0.014			<0.0052	J	U	<0.0045	U		<0.0073	U		0.0029	J		0.0029	J	
		VMP-8-5-041012	4/10/2012	0.0039	J		0.0048			0.00077	J		<0.0066	U		0.0016	J		0.0016	J	
		VMP-8-5-071312	7/13/2012	0.0044	J		<0.004	J	U	<0.0034	U		<0.0055	U		<0.0055	U		<0.0055	U	
		VMP-8-5-073112	7/31/2012	0.064			0.00054	J		0.0019	J		<0.0071	U		0.0028	J		0.0028	J	
		VMP-8-5-100412	10/4/2012	<0.014	U		<0.0068	J	U	<0.0059	U		<0.0095	U		<0.0094	U		<0.0094	U	
		VMP-8-5-100412-Dup	10/4/2012	<0.013	U		<0.0065	U		<0.0056	U		<0.0091	U		<0.009	U		<0.009	U	
		VMP-8-5-012413	1/24/2013	0.0066	J		<0.0066	U		<0.0057	U		<0.0092	U		<0.0091	U		<0.0091	U	
		VMP-8-5-042513	4/25/2013	<0.014	U		0.024			<0.0062	U		<0.01	U		<0.0098	U		<0.0098	U	
	9.5 ft	VMP-8-9.5	11/10/2009	<0.011	U		<0.005	U		<0.004	U		<0.007	U		<0.007	U		<0.007	U	
		VMP - 8 - 9.5 - 083010	8/30/2010	0.029			<0.0059	U		<0.0052	U		<0.0083	U		0.0045	J		0.0045	J	
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010	0.0068	J		<0.0061	U		0.0011	J		<0.0085	U		0.0043	J		0.0043	J	
		VMP-8-9.5-111810	11/17/2010	0.0073	J		<0.0059	U		0.0018	J		<0.0083	U		0.0098			0.0098		
		VMP-8-9.5-021011	2/10/2011	0.0036	J		<0.0062	U		<0.0054	U		<0.0086	U		0.0042	J		0.0042	J	
		VMP-8-9.5-040711	4/7/2011	0.0043	J		<0.0068	U		<0.0059	U		<0.0095	U		0.0046	J		0.0046	J	
		VMP-8-9.5-072711	7/27/2011	0.04			0.00094	J		0.0022	J		<0.0073	U		0.0025	J		0.0025	J	
		VMP-8-9.5-110311	11/3/2011	0.0091			0.00063	J		<0.0036	U		<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-8-9.5-012312	1/23/2012	0.0049	J		<0.005	J	U	<0.0043	U		<0.007	U		0.0037	J		0.0037	J	
		VMP-8-9.5-041012	4/10/2012	0.014			<0.0047	U		0.00097	J		<0.0066	U		0.0014	J		0.0014	J	
		VMP-8-9.5-071312	7/13/2012	0.0039	J		<0.0046	U		<0.004	U		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-8-9.5-071312-Dup	7/13/2012	0.0026	J		<0.0044	U		<0.0038	U		<0.0061	U		<0.0061	U		<0.0061	U	
		VMP-8-9.5-100412	10/4/2012	<0.015	U		<0.0074	U		<0.0064	U		<0.01	U		<0.01	U		<0.01	U	
		VMP-8-9.5-012413	1/24/2013	0.0032	J		<0.0062	U		<0.0054	U		<0.0086	U		<0.0085	J	U	<0.0085	J	U
		VMP-8-9.5-012413-Dup	1/24/2013	<0.013	U		<0.0066	U		<0.0057	U		<0.0092	U		<0.0091	J	U	<0.0091	J	U
		VMP-8-9.5-042513	4/25/2013	<0.013	U		<0.0066	J	U	<0.0057	J	U	<0.0092	J	U	<0.0091	U		<0.0091	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							6200			11			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-8	29.5 ft	VMP-7-29.5	11/9/2009	<0.56	U		1.1		J	<5.7	U	UJ	<1	U		<1	U		<1	U	
		VMP - 7 - 29.5 - 083110	8/31/2010	<1.2	U		1	J	J	<12	U		<2.2	U		<2.2	U		<2.2	U	
		VMP-7-29.5-111910	11/19/2010	<1.8	U		<2.3	U		<18	U		<3.4	U		<3.4	U		<3.3	U	
		VMP-7-29.5-020711	2/7/2011	<1.9	U		<2.4	U		<19	U		<3.5	U		<3.5	U		<3.5	U	
		VMP-7-29.5-040711	4/7/2011	<0.46	U		<0.59	U		<4.6	U		<0.85	U		<0.85	U		<0.84	U	
		VMP-7-29.5-080311	8/3/2011	<1.1	U		<1.4	U		<11	U		<2	U		<2	U		<2	U	
		VMP-7-29.5-111111	11/11/2011	<2.1	U		16			<22	U		<4	U		<4	U		<3.9	U	
		VMP-7-29.5-020112	2/1/2012	<0.43	U		<0.55	U		<4.3	U	UJ	<0.8	U		<0.8	U		<0.78	U	
		VMP-7-29.5-041312	4/13/2012	<0.0027	J	U	0.016			<0.027	U		<0.005	U		<0.005	U		<0.0049	U	
		VMP-7-29.5-072012	7/20/2012	0.0016	J		0.017			<0.028	U		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-7-29.5-072012-Dup	7/20/2012	<0.0028	U		0.018			<0.028	U		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-7-29.5-101012	10/10/2012	<0.0043	U		0.0013	J		<0.043	J	U	<0.0079	U		<0.0079	U		<0.0078	U	
		VMP-7-29.5-060613	6/6/2013	0.0044			<0.0057	J	U	<0.045	U		<0.0082	U		<0.0082	U		<0.0081	U	
	38 ft	VMP-7-38	11/9/2009	<0.19	U		0.55		J	<2	U	UJ	<0.36	U		<0.36	U		<0.35	U	
		VMP-7-38-020711	2/7/2011	<2.6	U		<3.2	U		<26	U		<4.7	U		<4.7	U		<4.6	U	
		VMP-7-38-040711	4/7/2011	<0.65	U		<0.83	U		<6.5	U		<1.2	U		<1.2	U		<1.2	U	
		VMP-7-38-020112	2/1/2012	<0.62	U		<0.79	U		<6.2	U	UJ	<1.1	U		<1.1	U		<1.1	U	
		VMP-7-38-042512	4/25/2012	<0.0027	U		0.014			<0.027	U		<0.005	U		<0.005	U		<0.0049	U	
		VMP-7-38-042512-Dup	4/25/2012	<0.0027	U		0.013			<0.027	U		<0.005	U		<0.005	U		<0.0049	J	U
		VMP-7-38-101112	10/11/2012	<0.004	U		0.0022	J		<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U	
		VMP-7-38-060613	6/6/2013	<0.0047	U		0.0036	J		<0.048	U		<0.0088	U		<0.0088	U		<0.0086	U	
	5 ft	VMP-8-5	11/10/2009	<0.003	U		<0.004	U		<0.034	U		<0.006	U		<0.006	U		<0.006	U	
		VMP - 8 - 5 - 083010	8/30/2010	<0.004	U		0.0011	J		0.015	J		0.00087	J		0.0009	J		0.0027	J	
		VMP-8-5-111810	11/17/2010	<0.0034	U		0.00096	J		<0.034	U		0.0009	J		<0.0064	U		<0.0063	J	U
		VMP-8-5-021011	2/10/2011	<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-8-5-040711	4/7/2011	<0.0041	U		0.0016	J		<0.041	J	U	<0.0075	U		<0.0075	U		0.003	J	
		VMP-8-5-072711	7/27/2011	<0.0044	U		0.023			<0.044	U		<0.0081	U		<0.0081	U		<0.008	U	
		VMP-8-5-110311	11/3/2011	0.00065	J		0.023			<0.025	U		<0.0047	U		<0.0047	U		<0.0046	U	
		VMP-8-5-012312	1/23/2012	0.0016	J		0.0047			<0.031	J	U	<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-8-5-041012	4/10/2012	<0.0028	U		0.0076			<0.028	U		<0.0052	U		<0.0052	U		0.0012	J	
		VMP-8-5-071312	7/13/2012	<0.0024	U		<0.003	J	U	<0.024	U		<0.0044	U		<0.0044	U		<0.0043	U	
		VMP-8-5-073112	7/31/2012	0.0048			0.14			<0.03	U		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-8-5-100412	10/4/2012	<0.0041	U		0.0013	J		0.0061	J		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-8-5-100412-Dup	10/4/2012	<0.0039	U		0.0015	J		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-8-5-012413	1/24/2013	0.0041			0.0014	J		<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U	
		VMP-8-5-042513	4/25/2013	<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U	
	9.5 ft	VMP-8-9.5	11/10/2009	<0.003	U		<0.004	U		<0.033	U		<0.006	U		<0.006	U		<0.006	U	
		VMP - 8 - 9.5 - 083010	8/30/2010	<0.0036	U		0.0033	J		0.01	J		<0.0066	U		0.00075	J		0.0027	J	
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010	<0.0036	U		0.0007	J		<0.037	U		0.00072	J		0.00084	J		0.0019	J	
		VMP-8-9.5-111810	11/17/2010	<0.0036	U		0.001	J		<0.036	U		0.0015	J		<0.0066	U		<0.0065	J	U
		VMP-8-9.5-021011	2/10/2011	<0.0037	U		0.0011	J		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-8-9.5-040711	4/7/2011	<0.0041	U		0.0012	J		<0.041	U		<0.0075	U		<0.0075	U		0.0036	J	
		VMP-8-9.5-072711	7/27/2011	<0.0031	U		0.02			<0.032	U		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-8-9.5-110311	11/3/2011	0.00073	J		0.023			<0.025	U		<0.0046	U		<0.0046	U		<0.0045	U	
		VMP-8-9.5-012312	1/23/2012	0.0014	J		0.0046			<0.03	U		<0.0055	U		<0.0055	U		0.027		
		VMP-8-9.5-041012	4/10/2012	<0.0028	U		0.012			<0.028	U		<0.0052	U		<0.0052	U		0.0014	J	
		VMP-8-9.5-071312	7/13/2012	<0.0028	U		<0.0035	U		<0.028	U		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-8-9.5-071312-Dup	7/13/2012	<0.0026	U		<0.0034	U		<0.026	U		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-8-9.5-100412	10/4/2012	<0.0045	U		0.0043	J		<0.045	U		<0.0083	U		<0.0083	U		<0.0081	U	
		VMP-8-9.5-012413	1/24/2013	<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-8-9.5-012413-Dup	1/24/2013	<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U	
		VMP-8-9.5-042513	4/25/2013	<0.004	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride		
				860			860												0.29		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-8	29.5 ft	VMP-7-29.5	11/9/2009	<1.1	U		<1.1	U		<0.94	U		<0.94	U		1200	E	J	<0.49	U	
		VMP - 7 - 29.5 - 083110	8/31/2010	<2.3	U		<2.3	U		<2	U		<2	U		1300		J	<1	U	
		VMP-7-29.5-111910	11/19/2010	<3.5	U		<3.5	U		<3	U		<3	U		1100		J	<1.6	U	
		VMP-7-29.5-020711	2/7/2011	<3.6	U		<3.6	U		<3.2	U		<3.2	U		1100			<1.6	U	
		VMP-7-29.5-040711	4/7/2011	<0.88	U		<0.88	U		<0.77	U		<0.77	U		550		J	<0.4	U	
		VMP-7-29.5-080311	8/3/2011	<2.1	U		<2.1	U		<1.8	U		<1.8	U		950			<0.94	U	
		VMP-7-29.5-111111	11/11/2011	<4.1	U		<4.1	U		4.1			1.4	J		720			<1.8	U	
		VMP-7-29.5-020112	2/1/2012	<0.82	U		<0.82	U		<2.9	U	UJ	<0.72	U		560		J	<0.37	U	
		VMP-7-29.5-041312	4/13/2012	0.0011	J		0.0011	J		0.0072			0.0018	J		0.71			<0.0023	U	
		VMP-7-29.5-072012	7/20/2012	0.0012	J		0.0012	J		0.0032	J		<0.0046	U		0.031			<0.0024	U	
		VMP-7-29.5-072012-Dup	7/20/2012	0.0013	J		0.0013	J		0.0035	J		0.00098	J		0.029			<0.0024	U	
		VMP-7-29.5-101012	10/10/2012	0.0014	J		0.0014	J		<0.0071	U		<0.0071	U		0.013			<0.0037	U	
		VMP-7-29.5-060613	6/6/2013	0.0024	J		0.0024	J		<0.0074	U		<0.0074	U		0.0063	J		<0.0038	U	
	38 ft	VMP-7-38	11/9/2009	<0.37	U		<0.37	U		<0.32	U		<0.32	U		410	E	J	<0.17	U	
		VMP-7-38-020711	2/7/2011	<4.9	U		<4.9	U		<4.2	U		<4.2	U		920			<2.2	U	
		VMP-7-38-040711	4/7/2011	<1.2	U		<1.2	U		<1.1	U		<1.1	U		720		J	<0.56	U	
		VMP-7-38-020112	2/1/2012	<1.2	U		<1.2	U		<4.1	U	UJ	<1	U		630		J	<0.54	U	
		VMP-7-38-042512	4/25/2012	0.0012	J		0.0012	J		<0.0045	J	U	<0.0045	J	U	0.32		J	<0.0023	U	
		VMP-7-38-042512-Dup	4/25/2012	0.0015	J		0.0015	J		<0.0045	J	U	<0.0045	J	U	0.23		J	<0.0023	U	
		VMP-7-38-101112	10/11/2012	0.0011	J		0.0011	J		<0.0066	U		<0.0066	U		0.011			<0.0034	U	
		VMP-7-38-060613	6/6/2013	<0.009	U		<0.009	U		<0.0079	U		<0.0079	U		0.018			<0.0041	U	
	5 ft	VMP-8-5	11/10/2009	<0.006	U		<0.006	U		<0.005	U		<0.005	U		0.031			<0.003	U	
		VMP - 8 - 5 - 083010	8/30/2010	0.0013	J		0.0013	J		0.0015	J		<0.0066	U		0.011			<0.0034	U	
		VMP-8-5-111810	11/17/2010	0.0013	J		0.0013	J		<0.0057	J	U	<0.0057	U		0.00032	J		<0.003	U	
		VMP-8-5-021011	2/10/2011	<0.0069	U		<0.0069	U		<0.0061	U		<0.0061	U		0.027			<0.0032	U	
		VMP-8-5-040711	4/7/2011	0.0011	J		0.0011	J		<0.0068	U		<0.0068	U		0.003	J		<0.0035	U	
		VMP-8-5-072711	7/27/2011	<0.0083	U		<0.0083	U		0.004	J		0.0013	J		0.011			<0.0038	U	
		VMP-8-5-110311	11/3/2011	0.0012	J		0.0012	J		0.00078	J		<0.0042	U		0.0024	J		<0.0022	U	
		VMP-8-5-012312	1/23/2012	0.0014	J		0.0014	J		<0.0052	U		<0.0052	U		0.006			<0.0027	U	
		VMP-8-5-041012	4/10/2012	<0.0054	U		<0.0054	U		0.0015	J		<0.0047	U		0.045			<0.0024	U	
		VMP-8-5-071312	7/13/2012	<0.0045	U		<0.0045	U		<0.004	J	U	<0.004	U		<0.0038	U		<0.002	U	
		VMP-8-5-073112	7/31/2012	0.0011	J		0.0011	J		0.0019	J		<0.0051	U		0.11			<0.0026	U	
		VMP-8-5-100412	10/4/2012	<0.0078	U		<0.0078	U		<0.0068	J	U	<0.0068	U		<0.0064	J	U	<0.0035	U	
		VMP-8-5-100412-Dup	10/4/2012	<0.0074	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U	
		VMP-8-5-012413	1/24/2013	0.0014	J		0.0014	J		<0.0066	U		<0.0066	U		0.001	J		<0.0034	U	
		VMP-8-5-042513	4/25/2013	<0.0081	U		<0.0081	U		0.02			<0.0071	J	U	0.18			<0.0037	U	
	9.5 ft	VMP-8-9.5	11/10/2009	<0.006	U		<0.006	U		<0.005	U		<0.005	U		<0.005	U		<0.002	U	
		VMP - 8 - 9.5 - 083010	8/30/2010	0.0014	J		0.0014	J		0.00098	J		<0.0059	U		0.0024	J		<0.0031	U	
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010	0.0017	J		0.0017	J		0.00079	J		<0.0061	U		0.0016	J		<0.0032	U	
		VMP-8-9.5-111810	11/17/2010	0.0011	J		0.0011	J		<0.0059	U		<0.0059	U		0.0034	J		<0.0031	U	
		VMP-8-9.5-021011	2/10/2011	0.0013	J		0.0013	J		<0.0062	U		<0.0062	U		0.0077			<0.0032	U	
		VMP-8-9.5-040711	4/7/2011	<0.0078	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0028	J		<0.0035	U	
		VMP-8-9.5-072711	7/27/2011	0.0014	J		0.0014	J		0.0035	J		0.0011	J		0.0083			<0.0027	U	
		VMP-8-9.5-110311	11/3/2011	0.0012	J		0.0012	J		0.0025	J		0.00057	J		0.0022	J		<0.0021	U	
		VMP-8-9.5-012312	1/23/2012	0.0012	J		0.0012	J		<0.005	U		<0.005	U		0.0069			<0.0026	U	
		VMP-8-9.5-041012	4/10/2012	<0.0054	U		<0.0054	U		<0.0047	U		<0.0047	U		0.056			<0.0024	U	
		VMP-8-9.5-071312	7/13/2012	0.0013	J		0.0013	J		<0.0046	U		<0.0046	U		<0.0044	U		<0.0024	U	
		VMP-8-9.5-071312-Dup	7/13/2012	0.00099	J		0.00099	J		<0.0044	U		<0.0044	U		<0.0042	U		<0.0023	U	
		VMP-8-9.5-100412	10/4/2012	0.0015	J		0.0015	J		<0.0074	J	U	<0.0074	U		0.075			<0.0039	U	
		VMP-8-9.5-012413	1/24/2013	0.0015	J		0.0015	J		<0.0062	U		<0.0062	U		0.0017	J		<0.0032	U	
		VMP-8-9.5-012413-Dup	1/24/2013	0.0012	J		0.0012	J		<0.0066	U		<0.0066	U		0.00094	J		<0.0034	U	
		VMP-8-9.5-042513	4/25/2013	0.0017	J		0.0017	J		<0.0066	J	U	<0.0066	U		0.12			<0.0034	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	m,p-Xylenes			o-Xylenes			Isobutane			Isobutane			Pentane		
				130			120											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-8	29.5 ft	VMP-7-29.5	11/9/2009	2.2		J	<0.83	U										
		VMP - 7 - 29.5 - 083110	8/31/2010	1.6	J	J	<1.8	U										
		VMP-7-29.5-111910	11/19/2010	0.91	J	J	<2.7	U										
		VMP-7-29.5-020711	2/7/2011	1.8	J		<2.8	U										
		VMP-7-29.5-040711	4/7/2011	0.77		J	<0.68	U										
		VMP-7-29.5-080311	8/3/2011	0.36	J		<1.6	U										
		VMP-7-29.5-111111	11/11/2011	12			2.7	J										
		VMP-7-29.5-020112	2/1/2012	<0.63	U		<0.63	U										
		VMP-7-29.5-041312	4/13/2012	0.0073			0.0038	J										
		VMP-7-29.5-072012	7/20/2012	0.0073			0.0026	J										
		VMP-7-29.5-072012-Dup	7/20/2012	0.0081			0.0033	J										
		VMP-7-29.5-101012	10/10/2012	<0.0063	U		<0.0063	U										
		VMP-7-29.5-060613	6/6/2013	<0.0066	U		<0.0066	U										
	38 ft	VMP-7-38	11/9/2009	1		J	<0.29	U										
		VMP-7-38-020711	2/7/2011	1.1	J		<3.8	U										
		VMP-7-38-040711	4/7/2011	0.42	J	J	<0.96	U										
		VMP-7-38-020112	2/1/2012	<0.91	U		<0.91	U										
		VMP-7-38-042512	4/25/2012	0.01			0.0032	J										
		VMP-7-38-042512-Dup	4/25/2012	0.009			0.0031	J										
		VMP-7-38-101112	10/11/2012	<0.0058	U		<0.0058	U										
		VMP-7-38-060613	6/6/2013	0.002	J		<0.007	U										
	5 ft	VMP-8-5	11/10/2009	<0.005	U		<0.005	U										
		VMP - 8 - 5 - 083010	8/30/2010	0.0014	J		<0.0058	U										
		VMP-8-5-111810	11/17/2010	<0.005	J	U	<0.005	U										
		VMP-8-5-021011	2/10/2011	<0.0054	U		<0.0054	U										
		VMP-8-5-040711	4/7/2011	0.0018	J		<0.006	U										
		VMP-8-5-072711	7/27/2011	0.0064			0.002	J										
		VMP-8-5-110311	11/3/2011	0.0076			0.0015	J										
		VMP-8-5-012312	1/23/2012	0.0013	J		<0.0046	U										
		VMP-8-5-041012	4/10/2012	0.0026	J		0.00069	J										
		VMP-8-5-071312	7/13/2012	<0.0035	J	U	<0.0035	U										
		VMP-8-5-073112	7/31/2012	0.012			0.0034	J										
		VMP-8-5-100412	10/4/2012	<0.006	U		<0.006	U										
		VMP-8-5-100412-Dup	10/4/2012	<0.0057	U		<0.0057	U										
		VMP-8-5-012413	1/24/2013	<0.0058	U		<0.0058	U										
		VMP-8-5-042513	4/25/2013	<0.0063	J	U	<0.0063	U										
	9.5 ft	VMP-8-9.5	11/10/2009	<0.004	U		<0.004	U										
		VMP - 8 - 9.5 - 083010	8/30/2010	0.0013	J		<0.0052	U										
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010	<0.0054	U		<0.0054	U										
		VMP-8-9.5-111810	11/17/2010	<0.0052	U		<0.0052	U										
		VMP-8-9.5-021011	2/10/2011	<0.0055	U		<0.0055	U										
		VMP-8-9.5-040711	4/7/2011	0.00063	J		<0.006	U										
		VMP-8-9.5-072711	7/27/2011	0.0079			0.0024	J										
		VMP-8-9.5-110311	11/3/2011	0.012			0.0027	J										
		VMP-8-9.5-012312	1/23/2012	0.0032	J		0.001	J										
		VMP-8-9.5-041012	4/10/2012	0.00097	J		<0.0041	U										
		VMP-8-9.5-071312	7/13/2012	<0.0041	U		<0.0041	U										
		VMP-8-9.5-071312-Dup	7/13/2012	<0.0039	U		<0.0039	U										
		VMP-8-9.5-100412	10/4/2012	0.0042	J		<0.0066	U										
		VMP-8-9.5-012413	1/24/2013	<0.0055	U		<0.0055	U										
		VMP-8-9.5-012413-Dup	1/24/2013	<0.0058	U		<0.0058	U										
		VMP-8-9.5-042513	4/25/2013	<0.0058	U		<0.0058	U										

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene		
				750000			0.37			450000			11			6.9					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-9	23.5 ft	VMP-8-23.5	11/10/2009	<0.011	U		<0.003	U		<0.008	U		<0.012	U		<0.004	U		<0.002	U	
		VMP - 8 - 23.5 - 083010	8/30/2010	0.02			0.013			<0.0088	U		<0.014	U		<0.0051	U		<0.0029	U	
		VMP-8-23.5-111910	11/19/2010	0.033			0.0029	J		<0.0084	U		<0.013	U		<0.0049	U		<0.0028	U	
		VMP-8-23.5-021011	2/10/2011	<0.013	U		0.0079			<0.009	U		<0.014	U		<0.0052	U		<0.003	U	
		VMP-8-23.5-040711	4/7/2011	0.01	J		1.2		J	<0.0084	U		<0.013	U		<0.0049	U		<0.0028	U	
		VMP-8-23.5-040711-DUP	4/7/2011	0.0093	J		0.73		J	<0.013	U		<0.021	U		<0.0078	U		<0.0044	U	
		VMP-8-23.5-081011	8/10/2011	0.043			0.18			<0.0088	U		<0.014	U		<0.0051	U		<0.0029	U	
		VMP-8-23.5-110611	11/6/2011	0.019			0.0031			<0.0064	U		<0.0099	J	U	<0.0037	U		<0.0021	U	
		VMP-8-23.5-012312	1/23/2012	0.0068	J		0.0068			<0.0071	U		<0.011	U		<0.0041	U		<0.0023	U	
		VMP-8-23.5-041012	4/10/2012	0.032			0.0056			<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U	
		VMP-8-23.5-071312	7/13/2012	0.025			0.0028	J		<0.0069	U		<0.011	U		<0.04	U		<0.0023	U	
		VMP-8-23.5-100412	10/4/2012	0.036			0.018			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
		VMP-8-23.5-012413	1/24/2013	0.0064	J		0.01			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
		VMP-8-23.5-050113	5/1/2013	0.14			0.00097	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U	
	5 ft	VMP-9-5	11/11/2009	0.012			<0.003	U		<0.007	U		<0.012	U		<0.004	U		<0.002	U	
		VMP-9-5-082610	8/26/2010	0.029			0.0088			<0.0076	U		<0.012	U		<0.0044	U		<0.0025	U	
		VMP-9-5-111910	11/19/2010	0.014			<0.0038	U		<0.008	U		<0.012	U		<0.0046	U		<0.0026	U	
		VMP-9-5-020811	2/8/2011	0.013			<0.0035	U		<0.0074	U		<0.011	U		<0.0043	U		<0.0024	U	
		VMP-9-5-040611	4/6/2011	0.026	J		0.11			<0.02	U		<0.031	U		<0.012	U		<0.0067	U	
		VMP-9-5-080211	8/2/2011	<0.56	U		<0.19	U		<0.4	U		<0.61	U		<0.23	U		<0.13	U	
		VMP-9-5-110411	11/4/2011	0.014			0.0021	J		<0.0059	U		<0.009	U		<0.0034	U		<0.0019	U	
		VMP-9-5-012612	1/26/2012	0.012			0.011			<0.005	U		<0.0077	U		<0.0029	U		<0.0016	U	
		VMP-9-5-041112	4/11/2012	0.011	J		0.0075			<0.006	U		<0.0092	U		<0.035	U		<0.002	U	
		VMP-9-5-071312	7/13/2012	0.074			0.067			<0.0064	U		<0.0099	U		<0.037	U		<0.0021	U	
		VMP-9-5-101012	10/10/2012	0.026	J		0.0037	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
		VMP-9-5-012513	1/25/2013	0.0061	J	J	0.0046		J	<0.0094	U	UJ	<0.014	U	UJ	<0.055	U	UJ	<0.0031	U	UJ
		VMP-9-5-021513	2/15/2013	0.0078	J		0.012			<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
		VMP-9-5-050113	5/1/2013	0.013	J		0.0041	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U	
	11.5 ft	VMP-9-11.5	11/11/2009	0.017			<0.004	U		<0.009	U		<0.014	U		<0.005	U		<0.003	U	
		VMP-9-11.5-082610	8/26/2010	<0.24	U		0.16			<0.17	U		<0.26	U		<0.1	U		<0.057	U	
		VMP-9-11.5-111910	11/19/2010	<0.71	U		0.11	J		<0.5	U		<0.77	U		<0.29	U		<0.16	U	
		VMP-9-11.5-020911	2/9/2011	0.0074	J		<0.0043	U		<0.009	U		<0.014	U		<0.0052	U		<0.003	U	
		VMP-9-11.5-020911-DUP	2/9/2011	0.0088	J		<0.0033	U		<0.007	U		<0.011	U		<0.004	U		<0.0023	U	
		VMP-9-11.5-040611	4/6/2011	0.026	J		0.025			<0.026	U		<0.041	U		<0.015	U		<0.0087	U	
		VMP-9-11.5-080211	8/2/2011	<0.84	U		0.48			<0.59	U		<0.91	U		<0.34	U		<0.19	U	
		VMP-9-11.5-110411	11/4/2011	0.017			0.013			<0.0059	U		<0.009	U		<0.0034	U		<0.0019	U	
		VMP-9-11.5-012612	1/26/2012	0.024			0.0024	J		<0.0052	U		<0.008	U		<0.003	U		<0.0017	U	
		VMP-9-11.5-041112	4/11/2012	0.012	J		0.0074			0.0012	J		<0.0094	U		<0.036	U		<0.002	U	
		VMP-9-11.5-071312	7/13/2012	0.089			0.017			<0.0069	U		<0.011	U		<0.04	U		<0.0023	U	
		VMP-9-11.5-101012	10/10/2012	0.051			0.0066			<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
		VMP-9-11.5-012513	1/25/2013	0.012	J		0.002	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U	
		VMP-9-11.5-012513-DUP	1/25/2013	0.006	J		0.0015	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U	
		VMP-9-11.5-050113	5/1/2013	0.013	J		<0.0048	U		<0.01	U		<0.016	U		<0.058	U		<0.0033	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Butane			Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			2-Butanone			Carbon disulfide		
																6400			780		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-9	23.5 ft	VMP-8-23.5	11/10/2009													<0.003	U		<0.003	U	
		VMP - 8 - 23.5 - 083010	8/30/2010													0.0044			0.0015	J	
		VMP-8-23.5-111910	11/19/2010													0.0068			<0.0039	U	
		VMP-8-23.5-021011	2/10/2011													<0.004	U		<0.0042	U	
		VMP-8-23.5-040711	4/7/2011	<0.012	U											<0.015	U		0.0024	J	
		VMP-8-23.5-040711-DUP	4/7/2011	<0.019	U											<0.024	U		0.0025	J	
		VMP-8-23.5-081011	8/10/2011	0.02												0.012	J		<0.016	J	U
		VMP-8-23.5-110611	11/6/2011	<0.0091	U											0.0053	J		<0.012	J	U
		VMP-8-23.5-012312	1/23/2012	<0.01	U											0.0039	J		<0.013	J	U
		VMP-8-23.5-041012	4/10/2012	<0.0089	U											<0.011	U		<0.012	U	
		VMP-8-23.5-071312	7/13/2012	<0.0098	U											<0.012	U		<0.013	U	
		VMP-8-23.5-100412	10/4/2012	<0.014	U											<0.017	U		<0.018	U	
		VMP-8-23.5-012413	1/24/2013	<0.014	U											<0.017	U		<0.018	J	U
		VMP-8-23.5-050113	5/1/2013	<0.014	U											0.0079	J		<0.019	J	U
	5 ft	VMP-9-5	11/11/2009													0.0035			<0.003	U	
		VMP-9-5-082610	8/26/2010													0.0053			0.0019	J	
		VMP-9-5-111910	11/19/2010													<0.0035	U		<0.0037	U	
		VMP-9-5-020811	2/8/2011													0.0015	J		<0.0034	U	
		VMP-9-5-040611	4/6/2011	<0.029	U											0.0029	J		<0.038	J	U
		VMP-9-5-080211	8/2/2011	0.23	J											<0.7	U		<0.73	U	
		VMP-9-5-110411	11/4/2011	0.0059	J											0.0048	J		<0.011	J	U
		VMP-9-5-012612	1/26/2012	0.11												0.0086	J		0.001	J	
		VMP-9-5-041112	4/11/2012	<0.0085	U											0.0014	J		<0.011	U	
		VMP-9-5-071312	7/13/2012	0.0055	J											0.024			<0.012	U	
		VMP-9-5-101012	10/10/2012	<0.014	U											<0.017	U		<0.018	J	U
		VMP-9-5-012513	1/25/2013	<0.013	U	UJ										<0.017	U	UJ	<0.018	J	UJ
		VMP-9-5-021513	2/15/2013	0.0098	J											<0.016	U		<0.017	U	
		VMP-9-5-050113	5/1/2013	0.004	J											<0.017	U		<0.018	J	U
	11.5 ft	VMP-9-11.5	11/11/2009													0.0045			<0.004	U	
		VMP-9-11.5-082610	8/26/2010													<0.076	U		<0.08	U	
		VMP-9-11.5-111910	11/19/2010													<0.22	U		<0.23	U	
		VMP-9-11.5-020911	2/9/2011													<0.004	U		<0.0042	U	
		VMP-9-11.5-020911-DUP	2/9/2011													<0.0031	U		<0.0032	U	
		VMP-9-11.5-040611	4/6/2011	0.009	J											0.0044	J		<0.049	J	U
		VMP-9-11.5-080211	8/2/2011	4.8												<1	U		<0.27	U	
		VMP-9-11.5-110411	11/4/2011	0.061												0.0087	J		<0.011	J	U
		VMP-9-11.5-012612	1/26/2012	0.026												0.015			<0.0096	J	U
		VMP-9-11.5-041112	4/11/2012	<0.0087	U											0.0026	J		<0.011	U	
		VMP-9-11.5-071312	7/13/2012	<0.0098	U											0.023			<0.013	U	
		VMP-9-11.5-101012	10/10/2012	<0.013	U											<0.016	U		<0.017	J	U
		VMP-9-11.5-012513	1/25/2013	0.025		J										<0.014	U		<0.014	J	U
		VMP-9-11.5-012513-DUP	1/25/2013	0.052		J										<0.015	U		<0.016	J	U
		VMP-9-11.5-050113	5/1/2013	0.0048	J											<0.018	U		<0.019	J	U

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane		
				0.21			69			57000						0.11					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-9	23.5 ft	VMP-8-23.5	11/10/2009	<0.007	U		<0.005	U		<0.01	U		<0.003	U		<0.005	U		<0.009	U	
		VMP - 8 - 23.5 - 083010	8/30/2010	0.0009	J		0.003	J		<0.011	U		<0.0035	U		<0.0064	U		<0.011	U	
		VMP-8-23.5-111910	11/19/2010	<0.0079	U		<0.0058	U		<0.011	U		<0.0033	U		<0.0062	U		<0.01	U	
		VMP-8-23.5-021011	2/10/2011	<0.0085	U		<0.0062	U		<0.011	U		<0.0035	U		<0.0066	U		<0.011	U	
		VMP-8-23.5-040711	4/7/2011	<0.0079	U		<0.0058	U		0.0021	J		<0.013	U		<0.0062	U		<0.01	U	
		VMP-8-23.5-040711-DUP	4/7/2011	<0.012	U		<0.0092	U		0.0033	J		<0.021	U		<0.0098	U		<0.016	U	
		VMP-8-23.5-081011	8/10/2011	<0.0083	U		<0.0061	J	U	<0.011	U		<0.014	U		<0.0064	U		<0.011	U	
		VMP-8-23.5-110611	11/6/2011	<0.006	U		<0.0044	J	U	<0.0081	U		<0.01	U		<0.0047	U		<0.0079	U	
		VMP-8-23.5-012312	1/23/2012	<0.0067	U		<0.0049	J	U	<0.009	U		<0.011	U		0.001	J		<0.0088	U	
		VMP-8-23.5-041012	4/10/2012	<0.0059	U		<0.0043	U		<0.008	U		<0.0099	U		<0.0046	U		<0.019	U	
		VMP-8-23.5-071312	7/13/2012	<0.0065	U		<0.0047	U		<0.0088	U		<0.011	U		<0.005	U		<0.021	U	
		VMP-8-23.5-100412	10/4/2012	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U	
		VMP-8-23.5-012413	1/24/2013	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U	
		VMP-8-23.5-050113	5/1/2013	<0.0095	U		<0.007	J	U	<0.013	U		<0.016	U		<0.0074	U		<0.031	U	
	5 ft	VMP-9-5	11/11/2009	<0.007	U		<0.005	U		<0.009	U		<0.003	U		<0.005	U		<0.009	U	
		VMP-9-5-082610	8/26/2010	<0.0072	U		<0.0052	U		<0.0097	U		<0.003	U		<0.0056	U		<0.0094	U	
		VMP-9-5-111910	11/19/2010	<0.0075	U		<0.0055	U		<0.01	U		<0.0031	U		<0.0058	U		<0.0098	U	
		VMP-9-5-020811	2/8/2011	<0.0069	U		<0.0051	U		<0.0094	U		<0.0029	U		<0.0054	U		<0.0091	U	
		VMP-9-5-040611	4/6/2011	<0.019	U		<0.014	U		<0.026	U		<0.032	U		<0.015	U		<0.025	U	
		VMP-9-5-080211	8/2/2011	<0.37	U		<0.27	U		<0.5	U		<0.62	U		<0.29	U		<0.49	U	
		VMP-9-5-110411	11/4/2011	<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		0.0016	J	
		VMP-9-5-012612	1/26/2012	<0.0047	U		<0.0034	J	U	<0.0063	U		<0.0079	U		<0.0036	U		<0.0062	U	
		VMP-9-5-041112	4/11/2012	<0.0056	U		<0.0041	U		<0.0076	U		<0.0094	U		<0.0044	U		<0.018	U	
		VMP-9-5-071312	7/13/2012	<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		<0.0047	U		<0.02	U	
		VMP-9-5-101012	10/10/2012	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U	
		VMP-9-5-012513	1/25/2013	<0.0089	U	UJ	<0.0065	U	UJ	<0.012	U	UJ	<0.015	U	UJ	<0.0069	U	UJ	<0.029	U	UJ
		VMP-9-5-021513	2/15/2013	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	
		VMP-9-5-050113	5/1/2013	<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U	
	11.5 ft	VMP-9-11.5	11/11/2009	<0.008	U		<0.006	U		<0.012	U		<0.003	U		<0.006	U		<0.011	U	
		VMP-9-11.5-082610	8/26/2010	<0.16	U		<0.12	U		<0.22	U		<0.068	U		<0.12	U		<0.21	U	
		VMP-9-11.5-111910	11/19/2010	<0.47	U		<0.34	U		<0.63	U		<0.2	U		<0.36	U		<0.62	U	
		VMP-9-11.5-020911	2/9/2011	<0.0085	U		<0.0062	U		<0.011	U		<0.0035	U		<0.0066	U		<0.011	U	
		VMP-9-11.5-020911-DUP	2/9/2011	<0.0066	U		<0.0048	U		<0.0089	U		<0.0028	U		<0.0051	U		<0.0086	U	
		VMP-9-11.5-040611	4/6/2011	<0.025	U		<0.018	U		<0.034	U		<0.042	U		<0.019	U		<0.032	U	
		VMP-9-11.5-080211	8/2/2011	<0.55	U		<0.4	U		<0.75	U		<0.93	U		<0.43	U		<0.73	U	
		VMP-9-11.5-110411	11/4/2011	<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		<0.0072	U	
		VMP-9-11.5-012612	1/26/2012	<0.0049	U		0.0019	J		<0.0066	U		<0.0082	U		<0.0038	U		<0.0064	U	
		VMP-9-11.5-041112	4/11/2012	<0.0058	U		<0.0042	U		<0.0078	U		<0.0096	U		0.0025	J		<0.019	U	
		VMP-9-11.5-071312	7/13/2012	<0.0065	U		<0.0047	U		<0.0088	U		<0.011	U		0.009			<0.021	U	
		VMP-9-11.5-101012	10/10/2012	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0048	J		<0.028	U	
		VMP-9-11.5-012513	1/25/2013	<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.0079			<0.024	U	
		VMP-9-11.5-012513-DUP	1/25/2013	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0075			<0.026	U	
		VMP-9-11.5-050113	5/1/2013	<0.0095	U		<0.0069	U		<0.013	U		<0.016	U		0.0061	J		<0.031	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	alpha-Chlorotoluene			Cyclobutane, ethyl-			Cyclohexane			Cyclopentane, methyl-			1,2-Dibromoethane			1,2-Dichlorobenzene		
																0.011			290		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-9	23.5 ft	VMP-8-23.5	11/10/2009	<0.006	U					<0.004	U					<0.009	U		<0.007	U	
		VMP - 8 - 23.5 - 083010	8/30/2010	<0.0068	U					0.002	J					<0.01	U		<0.0079	U	
		VMP-8-23.5-111910	11/19/2010	<0.0065	U					0.0018	J					<0.0097	U		<0.0076	U	
		VMP-8-23.5-021011	2/10/2011	<0.007	U					<0.0046	U					<0.01	U		<0.0081	U	
		VMP-8-23.5-040711	4/7/2011	<0.0065	U					0.001	J					<0.0097	U		<0.0076	U	
		VMP-8-23.5-040711-DUP	4/7/2011	<0.01	U					0.0027	J					<0.015	U		<0.012	U	
		VMP-8-23.5-081011	8/10/2011	<0.0068	J	U				0.012						<0.01	U		<0.0079	J	U
		VMP-8-23.5-110611	11/6/2011	<0.0049	U					<0.0033	U					<0.0073	U		<0.0057	U	
		VMP-8-23.5-012312	1/23/2012	<0.0055	U					0.0017	J					<0.0081	U		<0.0064	U	
		VMP-8-23.5-041012	4/10/2012	0.00082	J					0.0048						<0.0072	U		<0.0056	U	
		VMP-8-23.5-071312	7/13/2012	<0.0053	U	UJ				<0.0035	U					<0.0079	U		<0.0062	U	
		VMP-8-23.5-100412	10/4/2012	<0.0075	U					0.0042	J					<0.011	U		<0.0087	U	
		VMP-8-23.5-012413	1/24/2013	<0.0075	U					<0.005	U					<0.011	U		<0.0087	U	
		VMP-8-23.5-050113	5/1/2013	<0.0078	U					<0.0052	U					<0.012	U		<0.0091	U	
	5 ft	VMP-9-5	11/11/2009	<0.005	U					<0.003	U					<0.008	U		<0.006	U	
		VMP-9-5-082610	8/26/2010	<0.0059	U					0.011						<0.0088	U		<0.0068	U	
		VMP-9-5-111910	11/19/2010	<0.0062	U					<0.0041	U					<0.0091	U		<0.0072	U	
		VMP-9-5-020811	2/8/2011	<0.0057	U					0.00097	J					<0.0084	U		<0.0066	J	U
		VMP-9-5-040611	4/6/2011	<0.016	U					<0.01	U					<0.023	U		<0.018	J	U
		VMP-9-5-080211	8/2/2011	<0.3	U					0.14	J					<0.45	U		<0.35	U	
		VMP-9-5-110411	11/4/2011	<0.0045	J	U				<0.003	U					<0.0067	J	U	<0.0053	J	U
		VMP-9-5-012612	1/26/2012	<0.0038	U					0.01						<0.0057	U		<0.0045	U	
		VMP-9-5-041112	4/11/2012	<0.0046	U					0.0084						<0.0069	U		<0.0054	U	
		VMP-9-5-071312	7/13/2012	<0.0049	U	UJ				<0.0033	U					<0.0073	U		<0.0057	U	
		VMP-9-5-101012	10/10/2012	<0.0075	U					<0.005	U					<0.011	U		<0.0087	U	
		VMP-9-5-012513	1/25/2013	<0.0073	U	UJ				<0.0048	U	UJ				<0.011	U	UJ	<0.0085	U	UJ
		VMP-9-5-021513	2/15/2013	<0.0071	U					0.003	J					<0.011	U		<0.0083	U	
		VMP-9-5-050113	5/1/2013	<0.0076	U					<0.005	U					<0.011	J	U	<0.0088	U	
	11.5 ft	VMP-9-11.5	11/11/2009	<0.007	U					<0.004	U					<0.011	U		<0.008	U	
		VMP-9-11.5-082610	8/26/2010	<0.13	U					1.2						<0.2	U		<0.15	U	
		VMP-9-11.5-111910	11/19/2010	<0.38	U					<0.26	U					<0.57	U		<0.45	U	
		VMP-9-11.5-020911	2/9/2011	<0.007	U					<0.0046	U					<0.01	U		<0.0081	U	
		VMP-9-11.5-020911-DUP	2/9/2011	<0.0054	U					0.0021	J					<0.008	U		<0.0063	U	
		VMP-9-11.5-040611	4/6/2011	<0.02	U					0.0033	J					<0.03	U		<0.024	J	U
		VMP-9-11.5-080211	8/2/2011	<0.46	U					2.5						<0.68	U		<0.53	U	
		VMP-9-11.5-110411	11/4/2011	<0.0045	U					0.0018	J					<0.0067	U		<0.0053	U	
		VMP-9-11.5-012612	1/26/2012	<0.004	U					0.00079	J					<0.006	J	U	<0.0046	J	U
		VMP-9-11.5-041112	4/11/2012	<0.0047	U					0.0072						<0.007	U		<0.0055	U	
		VMP-9-11.5-071312	7/13/2012	<0.0053	U	UJ				0.00079	J					<0.0079	U		<0.0062	U	
		VMP-9-11.5-101012	10/10/2012	<0.0071	U					0.0021	J					<0.011	U		<0.0083	U	
		VMP-9-11.5-012513	1/25/2013	<0.006	U					0.0077						<0.009	U		<0.007	U	
		VMP-9-11.5-012513-DUP	1/25/2013	<0.0065	U					0.01						<0.0097	U		<0.0076	U	
		VMP-9-11.5-050113	5/1/2013	<0.0078	U					<0.0052	U					<0.012	U		<0.009	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
							1200						690			0.099			240		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-9	23.5 ft	VMP-8-23.5	11/10/2009	<0.007	U		<0.007	U		<0.005	U		<0.004	U		<0.004	U		<0.004	U	
		VMP - 8 - 23.5 - 083010	8/30/2010	0.0021	J		0.0026	J		0.0028	J		<0.0053	U		0.00085	J		<0.0052	U	
		VMP-8-23.5-111910	11/19/2010	<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-8-23.5-021011	2/10/2011	<0.0081	U		<0.0081	U		0.0022	J		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-8-23.5-040711	4/7/2011	<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-8-23.5-040711-DUP	4/7/2011	0.0016	J		0.0017	J		0.0017	J		<0.0081	U		0.0014	J		<0.0079	U	
		VMP-8-23.5-081011	8/10/2011	<0.0079	J	U	<0.0079	J	U	0.0027	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-8-23.5-110611	11/6/2011	<0.0057	U		<0.0057	U		0.003	J		<0.0039	U		<0.0039	U		<0.0038	U	
		VMP-8-23.5-012312	1/23/2012	<0.0064	J	U	<0.0064	U		0.0033	J		<0.0043	U		<0.0043	U		<0.0042	U	
		VMP-8-23.5-041012	4/10/2012	0.0012	J		0.001	J		0.0019	J		<0.0038	U		<0.0038	U		<0.0037	U	
		VMP-8-23.5-071312	7/13/2012	<0.0062	U		<0.0062	U		0.0026	J		<0.0042	U		<0.0042	U		<0.0041	U	
		VMP-8-23.5-100412	10/4/2012	0.0017	J		0.00075	J		0.0026	J		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-8-23.5-012413	1/24/2013	<0.0087	U		<0.0087	U		0.0032	J		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-8-23.5-050113	5/1/2013	<0.0091	U		<0.0091	U		0.0027	J		<0.0061	U		<0.0061	U		<0.006	U	
	5 ft	VMP-9-5	11/11/2009	<0.006	U		<0.006	U		<0.005	U		<0.004	U		<0.004	U		<0.004	U	
		VMP-9-5-082610	8/26/2010	<0.0068	U		<0.0068	U		0.003	J		<0.0046	U		<0.0046	U		<0.0045	U	
		VMP-9-5-111910	11/19/2010	<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U		<0.0047	U	
		VMP-9-5-020811	2/8/2011	<0.0066	U		<0.0066	J	U	0.0028	J		<0.0044	U		<0.0044	U		<0.0044	U	
		VMP-9-5-040611	4/6/2011	<0.018	J	U	<0.018	J	U	0.0025	J		<0.012	U		<0.012	U		<0.012	U	
		VMP-9-5-080211	8/2/2011	<0.35	U		<0.35	U		<0.29	U		<0.24	U		<0.24	U		<0.23	U	
		VMP-9-5-110411	11/4/2011	<0.0053	J	U	<0.0053	J	U	0.0021	J		<0.0035	U		<0.0035	U		<0.0035	U	
		VMP-9-5-012612	1/26/2012	<0.0045	J	U	<0.0045	J	U	0.0038			<0.003	U		<0.003	J	U	<0.003	U	
		VMP-9-5-041112	4/11/2012	<0.0054	U		<0.0054	U		0.002	J		<0.0036	U		<0.0036	U		<0.0035	U	
		VMP-9-5-071312	7/13/2012	<0.0057	U		<0.0057	U		0.0021	J		<0.0039	U		<0.0039	U		<0.0038	U	
		VMP-9-5-101012	10/10/2012	<0.0087	U		<0.0087	U		0.0025	J		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-9-5-012513	1/25/2013	<0.0085	U	UJ	<0.0085	U	UJ	0.0028	J	J	<0.0057	U	UJ	<0.0057	U	UJ	<0.0056	U	UJ
		VMP-9-5-021513	2/15/2013	<0.0083	U		<0.0083	J	U	0.0023	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-9-5-050113	5/1/2013	<0.0088	J	U	<0.0088	J	U	0.0021	J		<0.006	U		<0.0059	U		<0.0058	U	
	11.5 ft	VMP-9-11.5	11/11/2009	<0.008	U		<0.008	U		<0.006	U		<0.005	U		<0.005	U		<0.005	U	
		VMP-9-11.5-082610	8/26/2010	<0.15	U		<0.15	U		<0.13	U		<0.1	U		<0.1	U		<0.1	U	
		VMP-9-11.5-111910	11/19/2010	<0.45	U		<0.45	U		<0.37	U		<0.3	U		<0.3	U		<0.3	U	
		VMP-9-11.5-020911	2/9/2011	<0.0081	U		<0.0081	U		<0.0066	U		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-9-11.5-020911-DUP	2/9/2011	<0.0063	U		<0.0063	U		0.0013	J		<0.0042	U		<0.0042	U		<0.0041	U	
		VMP-9-11.5-040611	4/6/2011	<0.024	U		<0.024	J	U	<0.02	U		<0.016	U		<0.016	U		<0.016	U	
		VMP-9-11.5-080211	8/2/2011	<0.53	U		<0.53	U		<0.44	U		<0.36	U		<0.36	U		<0.35	U	
		VMP-9-11.5-110411	11/4/2011	<0.0053	U		<0.0053	J	U	0.0025	J		<0.0035	U		<0.0035	U		<0.0035	U	
		VMP-9-11.5-012612	1/26/2012	<0.0046	J	U	<0.0046	J	U	0.0033	J		<0.0031	U		<0.0031	J	U	<0.0031	U	
		VMP-9-11.5-041112	4/11/2012	<0.0055	U		<0.0055	U		0.0021	J		<0.0037	U		<0.0037	U		<0.0036	U	
		VMP-9-11.5-071312	7/13/2012	<0.0062	U		<0.0062	U		0.0021	J		<0.0042	U		<0.0042	U		<0.0041	U	
		VMP-9-11.5-101012	10/10/2012	<0.0083	U		<0.0083	U		0.0028	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-9-11.5-012513	1/25/2013	<0.007	J	U	<0.007	J	U	0.0025	J		<0.0047	U		<0.0047	U		<0.0046	U	
		VMP-9-11.5-012513-DUP	1/25/2013	<0.0076	J	U	<0.0076	J	U	0.003	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-9-11.5-050113	5/1/2013	<0.009	J	U	<0.009	J	U	0.0022	J		<0.0061	U		<0.0061	U		<0.006	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene		
				1100000			85			5.6			0.062			0.9			0.9		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-9	23.5 ft	VMP-8-23.5	11/10/2009	<0.004	U		<0.004	U		<0.004	U		<0.005	U		<0.005	U		<0.005	U	
		VMP - 8 - 23.5 - 083010	8/30/2010	0.00085	J		<0.0052	U		0.0015	J		<0.0061	U		<0.006	U		<0.006	U	
		VMP-8-23.5-111910	11/19/2010	<0.005	U		<0.005	U		<0.0044	U		<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-8-23.5-021011	2/10/2011	<0.0053	U		<0.0053	U		<0.0047	U		<0.0062	U		<0.0061	U		<0.0061	U	
		VMP-8-23.5-040711	4/7/2011	<0.005	U		<0.005	U		0.0066			<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-8-23.5-040711-DUP	4/7/2011	<0.0079	U		<0.0079	U		0.0021	J		<0.0092	U		<0.0091	U		<0.0091	U	
		VMP-8-23.5-081011	8/10/2011	<0.0052	U		<0.0052	U		0.0021	J		<0.0061	U		<0.006	U		<0.006	J	U
		VMP-8-23.5-110611	11/6/2011	<0.0038	U		<0.0038	U		0.0021	J		<0.0044	U		<0.0043	U		<0.0043	U	
		VMP-8-23.5-012312	1/23/2012	<0.0042	U		<0.0042	U		<0.0037	J	U	<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-8-23.5-041012	4/10/2012	<0.0037	U		<0.0037	U		0.00077	J		0.0022	J		<0.0042	U		0.0071		
		VMP-8-23.5-071312	7/13/2012	<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U	
		VMP-8-23.5-100412	10/4/2012	<0.0057	U		<0.0057	U		0.0026	J		<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-8-23.5-012413	1/24/2013	<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-8-23.5-050113	5/1/2013	<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U	
	5 ft	VMP-9-5	11/11/2009	<0.004	U		<0.004	U		<0.003	U		<0.005	U		<0.005	U		<0.005	U	
		VMP-9-5-082610	8/26/2010	<0.0045	U		<0.0045	U		0.0072			<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-9-5-111910	11/19/2010	<0.0047	U		<0.0047	U		<0.0041	J	U	<0.0055	U		<0.0054	U		<0.0054	U	
		VMP-9-5-020811	2/8/2011	<0.0044	U		<0.0044	U		0.0013	J		<0.0051	U		<0.005	U		<0.005	U	
		VMP-9-5-040611	4/6/2011	<0.012	U		<0.012	U		0.011			<0.014	U		<0.014	U		<0.014	U	
		VMP-9-5-080211	8/2/2011	<0.23	U		<0.23	U		<0.2	U		<0.27	U		<0.27	U		<0.27	U	
		VMP-9-5-110411	11/4/2011	<0.0035	U		<0.0035	U		0.0041			<0.004	U		<0.004	U		<0.004	J	U
		VMP-9-5-012612	1/26/2012	<0.003	U		<0.003	U		<0.0026	J	U	<0.0034	U		<0.0034	U		<0.0034	J	U
		VMP-9-5-041112	4/11/2012	<0.0035	U		<0.0035	U		0.00082	J		0.0011	J		<0.0041	U		<0.0041	U	
		VMP-9-5-071312	7/13/2012	<0.0038	U		<0.0038	U		0.0018	J		<0.0044	U		<0.0043	U		<0.0043	U	
		VMP-9-5-101012	10/10/2012	<0.0057	U		<0.0057	U		0.0029	J		<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-9-5-012513	1/25/2013	<0.0056	U	UJ	<0.0056	U	UJ	0.0058	J	J	<0.0065	U	UJ	<0.0064	U	UJ	<0.0064	U	UJ
		VMP-9-5-021513	2/15/2013	<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	J	U
		VMP-9-5-050113	5/1/2013	<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U	
	11.5 ft	VMP-9-11.5	11/11/2009	<0.005	U		<0.005	U		<0.004	U		<0.006	U		<0.006	U		<0.006	U	
		VMP-9-11.5-082610	8/26/2010	<0.1	U		<0.1	U		<0.089	U		<0.12	U		<0.12	U		<0.12	U	
		VMP-9-11.5-111910	11/19/2010	<0.3	U		<0.3	U		0.32			<0.34	U		<0.34	U		<0.34	U	
		VMP-9-11.5-020911	2/9/2011	<0.0053	U		<0.0053	U		<0.0047	U		<0.0062	U		<0.0061	U		<0.0061	U	
		VMP-9-11.5-020911-DUP	2/9/2011	<0.0041	U		<0.0041	U		<0.0036	U		<0.0048	U		<0.0047	U		<0.0047	U	
		VMP-9-11.5-040611	4/6/2011	<0.016	U		<0.016	U		0.0069	J		<0.018	U		<0.018	U		<0.018	U	
		VMP-9-11.5-080211	8/2/2011	<0.35	U		<0.35	U		<0.3	U		<0.41	U		<0.4	U		<0.4	U	
		VMP-9-11.5-110411	11/4/2011	<0.0035	U		<0.0035	U		<0.003	J	U	<0.004	U		<0.004	U		<0.004	U	
		VMP-9-11.5-012612	1/26/2012	<0.0031	U		<0.0031	U		<0.0027	J	U	<0.0036	U		<0.0035	J	U	<0.0035	J	U
		VMP-9-11.5-041112	4/11/2012	<0.0036	U		<0.0036	U		0.0012	J		0.00078	J		<0.0042	U		0.00098	J	
		VMP-9-11.5-071312	7/13/2012	<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U	
		VMP-9-11.5-101012	10/10/2012	<0.0055	U		<0.0055	U		0.0022	J		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-9-11.5-012513	1/25/2013	<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U	
		VMP-9-11.5-012513-DUP	1/25/2013	<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-9-11.5-050113	5/1/2013	<0.006	U		<0.006	U		<0.052	J	U	<0.007	U		<0.0068	U		<0.0068	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 113		
				0.22						1400											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-9	23.5 ft	VMP-8-23.5	11/10/2009	<0.017	U		0.023		J	<0.005	U		<0.005	U		<0.009	U		<0.009	U	
		VMP - 8 - 23.5 - 083010	8/30/2010	<0.019	U		0.0069	J		<0.0057	U		<0.0065	U		0.0014	J		0.0014	J	
		VMP-8-23.5-111910	11/19/2010	<0.018	U		0.0076	J		0.0015	J		<0.0062	U		<0.0096	U		<0.0096	U	
		VMP-8-23.5-021011	2/10/2011	<0.019	U		<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.01	U	
		VMP-8-23.5-040711	4/7/2011	<0.018	U		0.0075	J		0.00066	J		<0.0062	U		<0.0096	U		<0.0096	U	
		VMP-8-23.5-040711-DUP	4/7/2011	<0.029	U		0.0073	J		<0.0087	U		<0.0098	U		<0.015	U		<0.015	U	
		VMP-8-23.5-081011	8/10/2011	<0.019	U		0.052			0.0023	J		<0.0065	J	U	<0.01	U		<0.01	U	
		VMP-8-23.5-110611	11/6/2011	0.0013	J		0.027			0.001	J		0.0012	J		<0.0073	U		<0.0073	U	
		VMP-8-23.5-012312	1/23/2012	<0.015	U		0.016			0.00079	J		0.00098	J		<0.0081	U		<0.0081	U	
		VMP-8-23.5-041012	4/10/2012	<0.013	U		<0.007	U		0.0015	J		0.00077	J		<0.0072	U		<0.0072	U	
		VMP-8-23.5-071312	7/13/2012	<0.015	U		0.0046	J		<0.0045	U		<0.0051	U		<0.0079	U		<0.0079	U	
		VMP-8-23.5-100412	10/4/2012	<0.021	U		0.0076	J		<0.0063	U		<0.0071	U		<0.011	U		<0.011	U	
		VMP-8-23.5-012413	1/24/2013	<0.021	U		<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.011	U	
		VMP-8-23.5-050113	5/1/2013	<0.022	U		<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.012	U	
	5 ft	VMP-9-5	11/11/2009	<0.016	U		0.018			<0.004	U		<0.005	U		<0.008	U		<0.008	U	
		VMP-9-5-082610	8/26/2010	0.008	J		0.015			0.00048	J		<0.0056	U		<0.0087	U		<0.0087	U	
		VMP-9-5-111910	11/19/2010	<0.017	U		0.0071	J		0.001	J		<0.0058	U		<0.0091	U		<0.0091	U	
		VMP-9-5-020811	2/8/2011	<0.016	U		<0.0083	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0084	U	
		VMP-9-5-040611	4/6/2011	<0.044	U		0.02	J		<0.013	U		<0.015	U		<0.023	U		<0.023	U	
		VMP-9-5-080211	8/2/2011	<0.85	U		<0.44	U		<0.26	U		<0.29	U		<0.45	U		<0.45	U	
		VMP-9-5-110411	11/4/2011	0.0018	J		0.012			<0.0038	U		<0.0043	J	U	<0.0067	U		<0.0067	U	
		VMP-9-5-012612	1/26/2012	<0.011	U		0.0061			<0.0032	J	U	0.00052	J		<0.0057	U		<0.0057	U	
		VMP-9-5-041112	4/11/2012	<0.013	U		<0.0067	U		0.0042			0.0011	J		<0.0068	U		<0.0068	U	
		VMP-9-5-071312	7/13/2012	<0.014	U		0.12			0.0023	J		<0.0047	J	U	<0.0073	U		<0.0073	U	
		VMP-9-5-101012	10/10/2012	<0.021	UJ	UJ	0.0025	J	J	<0.0063	U		<0.0071	U		<0.011	U		<0.011	U	
		VMP-9-5-012513	1/25/2013	<0.02	U	UJ	0.005	J	J	<0.0061	U	UJ	<0.0069	U	UJ	<0.011	U	UJ	<0.011	U	UJ
		VMP-9-5-021513	2/15/2013	<0.02	U		<0.01	U		0.0027	J		0.0032	J		<0.01	U		<0.01	U	
		VMP-9-5-050113	5/1/2013	<0.021	U		0.017			<0.0064	U		<0.0072	U		<0.011	U		<0.011	U	
	11.5 ft	VMP-9-11.5	11/11/2009	<0.02	U		0.014			<0.006	U		<0.006	U		<0.01	U		<0.01	U	
		VMP-9-11.5-082610	8/26/2010	<0.37	U		<0.19	U		<0.11	U		<0.13	U		<0.2	U		<0.2	U	
		VMP-9-11.5-111910	11/19/2010	<1.1	U		<0.56	U		<0.32	U		<0.37	U		<0.57	U		<0.57	U	
		VMP-9-11.5-020911	2/9/2011	<0.019	U		0.0059	J		<0.0058	U		<0.0066	U		<0.01	U		<0.01	U	
		VMP-9-11.5-020911-DUP	2/9/2011	<0.015	U		0.009			<0.0045	U		<0.0051	U		<0.008	U		<0.008	U	
		VMP-9-11.5-040611	4/6/2011	<0.057	U		0.017	J		<0.017	U		<0.019	U		<0.03	U		<0.03	U	
		VMP-9-11.5-080211	8/2/2011	<1.3	U		<0.66	U		<0.38	U		<0.43	U		<0.67	U		<0.67	U	
		VMP-9-11.5-110411	11/4/2011	<0.013	U		0.014			<0.0038	U		<0.0043	J	U	<0.0067	U		<0.0067	U	
		VMP-9-11.5-012612	1/26/2012	<0.011	U		0.026			<0.0034	J	U	<0.0038	U		<0.0059	U		<0.0059	U	
		VMP-9-11.5-041112	4/11/2012	<0.013	U		<0.0069	U		<0.004	U		<0.0045	U		<0.007	U		<0.007	U	
		VMP-9-11.5-071312	7/13/2012	<0.015	U		0.15			0.0037	J		<0.0051	J	U	<0.0079	U		<0.0079	U	
		VMP-9-11.5-101012	10/10/2012	<0.02	UJ	UJ	0.011		J	0.0011	J		<0.0068	U		<0.01	U		<0.01	U	
		VMP-9-11.5-012513	1/25/2013	<0.017	U		0.0036	J		0.0013	J		<0.0057	U		<0.0089	U		<0.0089	U	
		VMP-9-11.5-012513-DUP	1/25/2013	<0.018	U		<0.0095	U		0.0016	J		<0.0062	J	U	<0.0096	U		<0.0096	U	
		VMP-9-11.5-050113	5/1/2013	<0.022	U		0.0033	J		<0.0065	U		<0.0074	U		<0.012	U		<0.012	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Freon 114			Heptadecane			Heptane			Hexachlorobutadiene			Hexane			Hexane, 2,2,4-trimethyl-		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-9	23.5 ft	VMP-8-23.5	11/10/2009	<0.008	U					<0.004	U		<0.051	U		<0.004	U				
		VMP - 8 - 23.5 - 083010	8/30/2010	<0.0092	U					0.0021	J		<0.056	U		0.0024	J				
		VMP-8-23.5-111910	11/19/2010	<0.0088	U					0.0015	J		<0.054	U		0.0018	J				
		VMP-8-23.5-021011	2/10/2011	<0.0094	U					<0.0055	U		<0.057	U		<0.0047	U				
		VMP-8-23.5-040711	4/7/2011	<0.0088	U					<0.0052	U		<0.054	U		0.0027	J				
		VMP-8-23.5-040711-DUP	4/7/2011	<0.014	U					<0.0082	U		<0.085	U		0.0028	J				
		VMP-8-23.5-081011	8/10/2011	<0.0092	U					0.012			<0.056	U		0.033					
		VMP-8-23.5-110611	11/6/2011	<0.0067	U					0.0013	J		<0.041	U		0.0028	J				
		VMP-8-23.5-012312	1/23/2012	<0.0074	U					0.0023	J		<0.045	U		0.0023	J				
		VMP-8-23.5-041012	4/10/2012	<0.0065	U					0.0022	J		<0.04	U		0.012					
		VMP-8-23.5-071312	7/13/2012	<0.0072	U					<0.0042	U		<0.044	U		<0.0036	U				
		VMP-8-23.5-100412	10/4/2012	<0.01	U					0.0059			<0.062	U		0.0082					
		VMP-8-23.5-012413	1/24/2013	<0.01	U					<0.0059	U		<0.062	U		<0.0051	U				
		VMP-8-23.5-050113	5/1/2013	<0.01	U					0.002	J		<0.065	U		0.0025	J				
	5 ft	VMP-9-5	11/11/2009	<0.007	U					<0.004	U		<0.048	U		<0.003	U				
		VMP-9-5-082610	8/26/2010	<0.008	U					0.0055			<0.049	U		0.016					
		VMP-9-5-111910	11/19/2010	<0.0083	U					0.0016	J		<0.051	U		0.0014	J				
		VMP-9-5-020811	2/8/2011	<0.0077	U					<0.0045	U		<0.047	U		<0.0039	U				
		VMP-9-5-040611	4/6/2011	<0.021	U					<0.012	U		<0.13	U		0.0064	J				
		VMP-9-5-080211	8/2/2011	<0.41	U					<0.24	U		<2.5	U		<0.21	U				
		VMP-9-5-110411	11/4/2011	<0.0061	U					0.003	J		<0.037	U		0.0027	J				
		VMP-9-5-012612	1/26/2012	<0.0052	U					0.0078			<0.032	U		0.0049					
		VMP-9-5-041112	4/11/2012	<0.0062	U					0.012			<0.038	U		0.018					
		VMP-9-5-071312	7/13/2012	<0.0067	U					0.0019	J		<0.041	U		0.0028	J				
		VMP-9-5-101012	10/10/2012	<0.01	U					<0.0059	U		<0.062	U		<0.0051	U				
		VMP-9-5-012513	1/25/2013	<0.0098	U	UJ				<0.0058	U	UJ	<0.06	U	UJ	0.0024	J	J			
		VMP-9-5-021513	2/15/2013	<0.0096	U					<0.0056	U		<0.059	U		0.004	J				
		VMP-9-5-050113	5/1/2013	<0.01	U					<0.006	U		<0.063	U		<0.0052	J	U			
	11.5 ft	VMP-9-11.5	11/11/2009	<0.009	U					<0.005	U		<0.059	U		<0.004	U				
		VMP-9-11.5-082610	8/26/2010	<0.18	U					<0.1	U		<1.1	U		<0.09	U				
		VMP-9-11.5-111910	11/19/2010	<0.52	U					<0.3	U		<3.2	U		<0.26	U				
		VMP-9-11.5-020911	2/9/2011	<0.0094	U					<0.0055	U		<0.057	U		<0.0047	U				
		VMP-9-11.5-020911-DUP	2/9/2011	<0.0073	U					0.0025	J		<0.044	U		<0.0037	U				
		VMP-9-11.5-040611	4/6/2011	<0.028	U					0.0035	J		<0.17	U		0.0079	J				
		VMP-9-11.5-080211	8/2/2011	<0.62	U					<0.36	U		<3.8	U		<0.31	U				
		VMP-9-11.5-110411	11/4/2011	<0.0061	U					0.0021	J		<0.037	U		0.0029	J				
		VMP-9-11.5-012612	1/26/2012	<0.0054	U					0.0014	J		<0.033	U		0.0014	J				
		VMP-9-11.5-041112	4/11/2012	<0.0064	U					0.0037	J		<0.039	U		0.013					
		VMP-9-11.5-071312	7/13/2012	<0.0072	U					0.002	J		<0.044	U		0.0013	J				
		VMP-9-11.5-101012	10/10/2012	<0.0096	U					0.0021	J		<0.059	U		0.0021	J				
		VMP-9-11.5-012513	1/25/2013	<0.0081	U					0.0035	J		<0.05	U		0.0079					
		VMP-9-11.5-012513-DUP	1/25/2013	<0.0088	U					0.0046	J		<0.054	U		0.012					
		VMP-9-11.5-050113	5/1/2013	<0.01	U					0.0021	J		<0.064	U		0.0046	J				

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Hexane, 3,4-dimethyl-			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
													600						3400		
				Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-9	23.5 ft	VMP-8-23.5	11/10/2009				<0.019	U					<0.005	U		<0.004	U		<0.004	U	
		VMP - 8 - 23.5 - 083010	8/30/2010				0.0011	J					<0.0065	U		<0.0054	U		0.00037	J	
		VMP-8-23.5-111910	11/19/2010				<0.021	U					<0.0062	U		<0.0052	U		<0.0045	U	
		VMP-8-23.5-021011	2/10/2011				<0.022	U					<0.0066	U		<0.0055	U		<0.0048	U	
		VMP-8-23.5-040711	4/7/2011				<0.021	U		0.003	J		<0.0062	U		<0.0052	U		<0.0045	U	
		VMP-8-23.5-040711-DUP	4/7/2011				<0.033	U		0.0049	J		<0.0098	U		<0.0082	U		0.00068	J	
		VMP-8-23.5-081011	8/10/2011				0.0022	J		0.069			0.019			0.1			<0.0048	U	
		VMP-8-23.5-110611	11/6/2011				0.0015	J		<0.011	U		0.0052			0.035			<0.0034	U	
		VMP-8-23.5-012312	1/23/2012				0.00075	J		0.017			0.002	J		0.024			<0.0038	U	
		VMP-8-23.5-041012	4/10/2012				<0.015	U		0.062			0.00051	J		<0.0038	U		<0.0034	U	
		VMP-8-23.5-071312	7/13/2012				<0.017	U		0.001	J		<0.0051	U		<0.0042	U		<0.0037	U	
		VMP-8-23.5-100412	10/4/2012				<0.024	U		0.015	J		<0.0071	U		<0.0059	U		<0.0052	U	
		VMP-8-23.5-012413	1/24/2013				<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U	
		VMP-8-23.5-050113	5/1/2013				<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0055	U	
	5 ft	VMP-9-5	11/11/2009				<0.018	U					<0.005	U		<0.004	U		<0.004	U	
		VMP-9-5-082610	8/26/2010				<0.019	U					<0.0056	U		<0.0047	U		<0.0041	U	
		VMP-9-5-111910	11/19/2010				<0.019	U					<0.0058	U		<0.0049	U		<0.0043	U	
		VMP-9-5-020811	2/8/2011				<0.018	U					<0.0054	U		<0.0045	U		<0.004	U	
		VMP-9-5-040611	4/6/2011				<0.05	U		0.013	J		<0.015	U		<0.012	U		<0.011	U	
		VMP-9-5-080211	8/2/2011				<0.97	U		6.1			0.06	J		0.32			<0.21	U	
		VMP-9-5-110411	11/4/2011				0.0013	J		0.0024	J		<0.0043	J	U	0.022			<0.0032	U	
		VMP-9-5-012612	1/26/2012				<0.012	U		0.29			0.008			0.039			<0.0027	U	
		VMP-9-5-041112	4/11/2012				<0.015	U		0.016			0.0015	J		<0.0037	U		<0.0032	U	
		VMP-9-5-071312	7/13/2012				<0.016	J	U	0.009	J		0.017			0.17			<0.0034	U	
		VMP-9-5-101012	10/10/2012				<0.024	UJ	UJ	0.0021	J		<0.0071	U		<0.0059	U		<0.0052	U	
		VMP-9-5-012513	1/25/2013				<0.023	U	UJ	0.0022	J	J	<0.0069	U	UJ	<0.0058	U	UJ	<0.0051	U	UJ
		VMP-9-5-021513	2/15/2013				<0.023	U		0.044			0.0032	J		<0.0056	U		0.0012	J	
		VMP-9-5-050113	5/1/2013				<0.024	U		0.0046	J		<0.0072	U		<0.006	U		<0.0053	U	
	11.5 ft	VMP-9-11.5	11/11/2009				<0.023	U					<0.006	U		<0.005	U		<0.005	U	
		VMP-9-11.5-082610	8/26/2010				<0.42	U					<0.13	U		<0.1	U		<0.093	U	
		VMP-9-11.5-111910	11/19/2010				<1.2	U					<0.37	U		<0.3	U		<0.27	U	
		VMP-9-11.5-020911	2/9/2011				<0.022	U					<0.0066	U		<0.0055	U		<0.0048	U	
		VMP-9-11.5-020911-DUP	2/9/2011				<0.017	U					<0.0051	U		<0.0043	U		<0.0038	U	
		VMP-9-11.5-040611	4/6/2011				<0.065	U		0.0091	J		<0.019	U		<0.016	U		<0.014	U	
		VMP-9-11.5-080211	8/2/2011				<1.4	U		54			<0.43	U		<0.36	U		<0.32	U	
		VMP-9-11.5-110411	11/4/2011				0.001	J		0.066			<0.0043	J	U	0.035			<0.0032	U	
		VMP-9-11.5-012612	1/26/2012				<0.013	U		0.084			0.0083			0.052			<0.0028	U	
		VMP-9-11.5-041112	4/11/2012				<0.015	U		0.011			<0.0045	U		<0.0037	U		<0.0033	U	
		VMP-9-11.5-071312	7/13/2012				<0.017	J	U	0.0036	J		0.035			0.17			<0.0037	U	
		VMP-9-11.5-101012	10/10/2012				<0.023	UJ	UJ	0.0071	J		<0.0068	U		<0.0056	U		<0.005	U	
		VMP-9-11.5-012513	1/25/2013				<0.019	U		0.049		J	<0.0057	U		<0.0048	U		<0.0042	U	
		VMP-9-11.5-012513-DUP	1/25/2013				<0.021	U		0.093		J	<0.0062	U		<0.0052	U		<0.0045	U	
		VMP-9-11.5-050113	5/1/2013				<0.025	U		0.0034	J		<0.0074	U		0.0029	J		<0.0054	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Pentane, 2,2,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,4-dimethyl-			Pentane, 2-methyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-9	23.5 ft	VMP-8-23.5	11/10/2009																		
		VMP - 8 - 23.5 - 083010	8/30/2010																		
		VMP-8-23.5-111910	11/19/2010																		
		VMP-8-23.5-021011	2/10/2011																		
		VMP-8-23.5-040711	4/7/2011																		
		VMP-8-23.5-040711-DUP	4/7/2011																		
		VMP-8-23.5-081011	8/10/2011																		
		VMP-8-23.5-110611	11/6/2011																		
		VMP-8-23.5-012312	1/23/2012																		
		VMP-8-23.5-041012	4/10/2012																		
		VMP-8-23.5-071312	7/13/2012																		
		VMP-8-23.5-100412	10/4/2012																		
		VMP-8-23.5-012413	1/24/2013																		
		VMP-8-23.5-050113	5/1/2013																		
	5 ft	VMP-9-5	11/11/2009																		
		VMP-9-5-082610	8/26/2010																		
		VMP-9-5-111910	11/19/2010																		
		VMP-9-5-020811	2/8/2011																		
		VMP-9-5-040611	4/6/2011																		
		VMP-9-5-080211	8/2/2011																		
		VMP-9-5-110411	11/4/2011																		
		VMP-9-5-012612	1/26/2012																		
		VMP-9-5-041112	4/11/2012																		
		VMP-9-5-071312	7/13/2012																		
		VMP-9-5-101012	10/10/2012																		
		VMP-9-5-012513	1/25/2013																		
		VMP-9-5-021513	2/15/2013																		
		VMP-9-5-050113	5/1/2013																		
	11.5 ft	VMP-9-11.5	11/11/2009																		
		VMP-9-11.5-082610	8/26/2010																		
		VMP-9-11.5-111910	11/19/2010																		
		VMP-9-11.5-020911	2/9/2011																		
		VMP-9-11.5-020911-DUP	2/9/2011																		
		VMP-9-11.5-040611	4/6/2011																		
		VMP-9-11.5-080211	8/2/2011																		
		VMP-9-11.5-110411	11/4/2011																		
		VMP-9-11.5-012612	1/26/2012																		
		VMP-9-11.5-041112	4/11/2012																		
		VMP-9-11.5-071312	7/13/2012																		
		VMP-9-11.5-101012	10/10/2012																		
		VMP-9-11.5-012513	1/25/2013																		
		VMP-9-11.5-012513-DUP	1/25/2013																		
		VMP-9-11.5-050113	5/1/2013																		

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrachloroethene		
										1400						0.55			0.55		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-9	23.5 ft	VMP-8-23.5	11/10/2009	<0.012	U		<0.005	U		<0.005	U		<0.008	U		<0.008	U		<0.008	U	
		VMP - 8 - 23.5 - 083010	8/30/2010	0.0046	J		<0.0065	U		<0.0056	U		<0.0091	U		0.0038	J		0.0038	J	
		VMP-8-23.5-111910	11/19/2010	0.0063	J		<0.0062	U		0.0024	J		<0.0086	U		0.0041	J		0.0041	J	
		VMP-8-23.5-021011	2/10/2011	0.0076	J		<0.0066	U		<0.0057	U		<0.0092	U		0.0041	J		0.0041	J	
		VMP-8-23.5-040711	4/7/2011	<0.012	U		<0.0062	U		<0.0054	U		<0.0086	U		0.0045	J		0.0045	J	
		VMP-8-23.5-040711-DUP	4/7/2011	<0.02	U		<0.0098	U		<0.0085	U		<0.014	U		0.0052	J		0.0052	J	
		VMP-8-23.5-081011	8/10/2011	0.025			<0.0065	J	U	0.0012	J		<0.0091	U		0.0022	J		0.0022	J	
		VMP-8-23.5-110611	11/6/2011	0.016			0.00033	J		<0.0041	U		<0.0066	U		<0.0065	J	U	<0.0065	J	U
		VMP-8-23.5-012312	1/23/2012	0.0094	J		<0.0052	J	U	<0.0045	U		<0.0073	U		0.0033	J		0.0033	J	
		VMP-8-23.5-041012	4/10/2012	0.016			0.0013	J		<0.004	U		<0.0064	U		0.0017	J		0.0017	J	
		VMP-8-23.5-071312	7/13/2012	0.0054	J		<0.0051	U		<0.0044	U		<0.0071	U		<0.007	U		<0.007	U	
		VMP-8-23.5-100412	10/4/2012	<0.014	U		<0.0071	U		<0.0062	U		<0.0099	U		<0.0098	U		<0.0098	U	
		VMP-8-23.5-012413	1/24/2013	<0.014	U		<0.0071	U		<0.0062	U		<0.0099	U		0.0034	J		0.0034	J	
		VMP-8-23.5-050113	5/1/2013	<0.015	U		<0.0074	U		<0.0064	U		<0.01	U		0.0035	J		0.0035	J	
	5 ft	VMP-9-5	11/11/2009	<0.011	U		<0.005	U		<0.004	U		<0.007	U		<0.007	U		<0.007	U	
		VMP-9-5-082610	8/26/2010	0.012			<0.0056	U		<0.0048	U		<0.0078	U		0.0023	J		0.0023	J	
		VMP-9-5-111910	11/19/2010	0.028			<0.0058	U		0.0017	J		<0.0082	U		0.016			0.016		
		VMP-9-5-020811	2/8/2011	0.0021	J		<0.0054	U		<0.0047	U		<0.0076	U		0.001	J		0.001	J	
		VMP-9-5-040611	4/6/2011	<0.03	U		<0.015	U		<0.013	U		<0.021	U		0.0058	J		0.0058	J	
		VMP-9-5-080211	8/2/2011	<0.58	U		<0.29	U		<0.25	U		<0.4	U		<0.4	U		<0.4	U	
		VMP-9-5-110411	11/4/2011	0.0073	J		<0.0043	J	U	<0.0037	U		<0.006	U		<0.0059	U		<0.0059	U	
		VMP-9-5-012612	1/26/2012	0.0072			<0.0037	U		<0.0032	U		<0.0051	U		<0.005	J	U	<0.005	J	U
		VMP-9-5-041112	4/11/2012	0.0037	J		0.0034	J		<0.0038	U		<0.0061	U		0.0013	J		0.0013	J	
		VMP-9-5-071312	7/13/2012	0.074			<0.0047	J	U	<0.0041	J	U	<0.0066	U		<0.0065	U		<0.0065	U	
		VMP-9-5-101012	10/10/2012	0.0039	J		<0.0071	U		<0.0062	U		<0.0099	U		<0.0098	U		<0.0098	U	
		VMP-9-5-012513	1/25/2013	0.021		J	<0.0069	U	UJ	<0.006	U	UJ	<0.0097	U	UJ	<0.0096	J	UJ	<0.0096	J	UJ
		VMP-9-5-021513	2/15/2013	0.016			0.0076			<0.0059	U		<0.0095	U		<0.0094	U		<0.0094	U	
		VMP-9-5-050113	5/1/2013	0.0019	J		<0.0072	U		<0.0063	U		<0.01	U		<0.01	J	U	<0.01	J	U
	11.5 ft	VMP-9-11.5	11/11/2009	<0.014	U		<0.006	U		<0.005	U		<0.009	U		<0.009	U		<0.009	U	
		VMP-9-11.5-082610	8/26/2010	<0.25	U		<0.13	U		<0.11	U		<0.18	U		<0.17	U		<0.17	U	
		VMP-9-11.5-111910	11/19/2010	<0.73	U		<0.37	U		<0.32	U		<0.51	U		<0.5	U		<0.5	U	
		VMP-9-11.5-020911	2/9/2011	0.0094	J	J	<0.0066	U		<0.0057	U		<0.0092	U		0.0039	J		0.0039	J	
		VMP-9-11.5-020911-DUP	2/9/2011	0.049		J	<0.0051	U		<0.0044	U		<0.0072	U		0.0037	J		0.0037	J	
		VMP-9-11.5-040611	4/6/2011	<0.039	U		<0.019	U		<0.017	U		<0.027	U		0.0037	J		0.0037	J	
		VMP-9-11.5-080211	8/2/2011	<0.86	U		<0.43	U		<0.37	U		<0.6	U		<0.6	U		<0.6	U	
		VMP-9-11.5-110411	11/4/2011	0.017			<0.0043	J	U	<0.0037	U		<0.006	U		<0.0059	U		<0.0059	U	
		VMP-9-11.5-012612	1/26/2012	0.012			<0.0038	U		0.00049	J		<0.0053	U		<0.0052	J	U	<0.0052	J	U
		VMP-9-11.5-041112	4/11/2012	0.0045	J		<0.0045	U		<0.0039	U		<0.0063	U		0.0018	J		0.0018	J	
		VMP-9-11.5-071312	7/13/2012	0.086			<0.0051	J	U	<0.0044	J	U	<0.0071	U		0.0021	J		0.0021	J	
		VMP-9-11.5-101012	10/10/2012	0.063			<0.0068	U		<0.0059	U		<0.0095	U		<0.0094	U		<0.0094	U	
		VMP-9-11.5-012513	1/25/2013	0.018		J	<0.0057	U		<0.005	U		<0.008	U		<0.0079	J	U	<0.0079	J	U
		VMP-9-11.5-012513-DUP	1/25/2013	0.0045	J	J	<0.0062	U		<0.0054	U		<0.0086	U		<0.0085	J	U	<0.0085	J	U
		VMP-9-11.5-050113	5/1/2013	0.0017	J		<0.0074	U		<0.0064	U		<0.01	U		<0.01	J	U	<0.01	J	U

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							6200			11			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-9	23.5 ft	VMP-8-23.5	11/10/2009	<0.003	U		<0.004	U		<0.035	U		<0.006	U		<0.006	U		<0.006	U	
		VMP - 8 - 23.5 - 083010	8/30/2010	<0.0039	U		0.00063	J		<0.039	U		0.00084	J		0.001	J		0.002	J	
		VMP-8-23.5-111910	11/19/2010	<0.0037	U		0.0013	J		<0.037	U		<0.0069	U		<0.0069	U		0.0064	J	
		VMP-8-23.5-021011	2/10/2011	<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U	
		VMP-8-23.5-040711	4/7/2011	<0.0037	U		0.0015	J		0.002	J		<0.0069	U		<0.0069	U		0.003	J	
		VMP-8-23.5-040711-DUP	4/7/2011	<0.0059	U		0.0014	J		0.0048	J		<0.011	U		0.0025	J		0.006	J	
		VMP-8-23.5-081011	8/10/2011	<0.0039	U		0.015			<0.039	J	U	<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-8-23.5-110611	11/6/2011	<0.0028	U		0.012			<0.028	U		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-8-23.5-012312	1/23/2012	<0.0031	U		0.0046			<0.031	U		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-8-23.5-041012	4/10/2012	<0.0028	U		0.018			<0.028	U		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-8-23.5-071312	7/13/2012	<0.003	U		<0.0039	J	U	<0.03	U		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-8-23.5-100412	10/4/2012	<0.0043	U		0.0028	J		<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U	
		VMP-8-23.5-012413	1/24/2013	<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U	
		VMP-8-23.5-050113	5/1/2013	0.0022	J		0.0013	J		<0.045	U		<0.0083	U		<0.0083	U		<0.0081	U	
	5 ft	VMP-9-5	11/11/2009	<0.003	U		<0.004	U		<0.033	U		<0.006	U		<0.006	U		<0.006	U	
		VMP-9-5-082610	8/26/2010	<0.0034	U		0.0036	J		<0.034	U		<0.0062	U		<0.0062	U		<0.0061	U	
		VMP-9-5-111910	11/19/2010	<0.0035	U		0.00064	J		<0.035	U		<0.0065	U		<0.0065	U		0.0037	J	
		VMP-9-5-020811	2/8/2011	<0.0032	U		0.0035	J		<0.033	J	U	<0.006	U		<0.006	U		0.0014	J	
		VMP-9-5-040611	4/6/2011	<0.0089	U		0.0019	J		<0.09	J	U	<0.016	U		<0.016	U		0.0077	J	
		VMP-9-5-080211	8/2/2011	<0.17	U		0.048	J		<1.8	U		<0.32	U		<0.32	U		<0.32	U	
		VMP-9-5-110411	11/4/2011	<0.0026	U		0.0076			<0.026	J	U	<0.0048	U		<0.0048	U		<0.0047	U	
		VMP-9-5-012612	1/26/2012	<0.0022	U		0.0058			<0.022	J	U	<0.0041	U		<0.0041	U		0.0017	J	
		VMP-9-5-041112	4/11/2012	<0.0026	U		0.0047			<0.026	U		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-9-5-071312	7/13/2012	0.0024	J		0.047			<0.028	U		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-9-5-101012	10/10/2012	<0.0043	U		0.0005	J		<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U	
		VMP-9-5-012513	1/25/2013	<0.0042	U	UJ	<0.0053	J	UJ	<0.042	U	UJ	<0.0077	U	UJ	<0.0077	U	UJ	<0.0076	U	UJ
		VMP-9-5-021513	2/15/2013	<0.0041	U		0.00082	J		<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-9-5-050113	5/1/2013	<0.0043	U		0.0016	J		<0.044	J	U	<0.008	U		<0.008	U		<0.0079	U	
	11.5 ft	VMP-9-11.5	11/11/2009	<0.004	U		0.032			<0.041	U		<0.007	U		<0.007	U		<0.007	U	
		VMP-9-11.5-082610	8/26/2010	<0.076	U		<0.097	U		<0.76	U		<0.14	U		<0.14	U		<0.14	U	
		VMP-9-11.5-111910	11/19/2010	<0.22	U		<0.28	U		<2.2	U		<0.41	U		<0.41	U		0.37	J	
		VMP-9-11.5-020911	2/9/2011	<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U	
		VMP-9-11.5-020911-DUP	2/9/2011	<0.0031	U		0.0029	J		<0.031	U		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-9-11.5-040611	4/6/2011	<0.012	U		<0.015	U		<0.12	J	U	<0.022	U		<0.022	U		0.011	J	
		VMP-9-11.5-080211	8/2/2011	<0.26	U		<0.33	U		<2.6	U		<0.48	U		<0.48	U		<0.47	U	
		VMP-9-11.5-110411	11/4/2011	<0.0026	U		0.012			<0.026	J	U	<0.0048	U		<0.0048	U		<0.0047	U	
		VMP-9-11.5-012612	1/26/2012	0.0025			0.009			<0.023	J	U	<0.0042	U		<0.0042	U		0.0071		
		VMP-9-11.5-041112	4/11/2012	<0.0027	U		0.02			<0.027	U		<0.005	U		<0.005	U		0.0016	J	
		VMP-9-11.5-071312	7/13/2012	0.0024	J		0.069			<0.03	U		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-9-11.5-101012	10/10/2012	0.0014	J		0.0031	J		<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-9-11.5-012513	1/25/2013	0.0013	J		0.0012	J		<0.034	J	U	<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-9-11.5-012513-DUP	1/25/2013	<0.0037	U		0.0028	J		<0.037	J	U	<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-9-11.5-050113	5/1/2013	<0.0044	U		<0.0057	J	U	<0.045	J	U	<0.0082	U		<0.0082	U		<0.0081	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride		
				860			860												0.29		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-9	23.5 ft	VMP-8-23.5	11/10/2009	<0.006	U		<0.006	U		<0.005	U		<0.005	U		<0.005	U		<0.003	U	
		VMP - 8 - 23.5 - 083010	8/30/2010	0.0017	J		0.0017	J		<0.0065	U		<0.0065	U		0.0073			<0.0034	U	
		VMP-8-23.5-111910	11/19/2010	<0.0071	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0061			<0.0032	U	
		VMP-8-23.5-021011	2/10/2011	0.0013	J		0.0013	J		<0.0066	U		<0.0066	U		0.018			<0.0034	U	
		VMP-8-23.5-040711	4/7/2011	0.00098	J		0.00098	J		<0.0062	U		<0.0062	U		0.0023	J		<0.0032	U	
		VMP-8-23.5-040711-DUP	4/7/2011	<0.011	U		<0.011	U		<0.0098	U		<0.0098	U		0.0018	J		<0.0051	U	
		VMP-8-23.5-081011	8/10/2011	0.0014	J		0.0014	J		0.0024	J		<0.0065	J	U	0.031			<0.0034	U	
		VMP-8-23.5-110611	11/6/2011	0.0012	J		0.0012	J		<0.0047	U		<0.0047	U		0.001	J		<0.0024	U	
		VMP-8-23.5-012312	1/23/2012	0.0014	J		0.0014	J		<0.0052	U		<0.0052	U		0.0037	J		<0.0027	U	
		VMP-8-23.5-041012	4/10/2012	<0.0052	U		<0.0052	U		0.00075	J		<0.0046	U		0.066			<0.0024	U	
		VMP-8-23.5-071312	7/13/2012	0.0012	J		0.0012	J		<0.0051	U		<0.0051	U		<0.0048	U		<0.0026	U	
		VMP-8-23.5-100412	10/4/2012	0.0014	J		0.0014	J		<0.0071	U		<0.0071	U		0.069			<0.0037	U	
		VMP-8-23.5-012413	1/24/2013	0.0018	J		0.0018	J		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U	
		VMP-8-23.5-050113	5/1/2013	<0.0085	U		<0.0085	U		<0.0074	U		<0.0074	U		0.004	J		<0.0039	U	
	5 ft	VMP-9-5	11/11/2009	<0.006	U		<0.006	U		<0.005	U		<0.005	U		<0.005	U		<0.002	U	
		VMP-9-5-082610	8/26/2010	<0.0064	U		<0.0064	U		<0.0056	U		<0.0056	U		0.029			<0.0029	U	
		VMP-9-5-111910	11/19/2010	<0.0067	U		<0.0067	U		<0.0058	U		<0.0058	U		0.0075			<0.003	U	
		VMP-9-5-020811	2/8/2011	0.0011	J		0.0011	J		<0.0054	U		<0.0054	U		0.002	J		<0.0028	U	
		VMP-9-5-040611	4/6/2011	<0.017	U		<0.017	U		<0.015	U		<0.015	U		0.022			<0.0077	U	
		VMP-9-5-080211	8/2/2011	<0.33	U		<0.33	U		<0.29	U		<0.29	U		150			<0.15	U	
		VMP-9-5-110411	11/4/2011	<0.0049	U		<0.0049	U		0.0016	J		<0.0043	J	U	0.38			<0.0022	U	
		VMP-9-5-012612	1/26/2012	0.00055	J		0.00055	J		<0.0037	U		<0.0037	U		1.1			<0.0019	U	
		VMP-9-5-041112	4/11/2012	<0.005	U		<0.005	U		0.0012	J		<0.0044	U		0.087			<0.0023	U	
		VMP-9-5-071312	7/13/2012	0.0013	J		0.0013	J		<0.0047	U		<0.0047	U		0.0031	J		<0.0024	U	
		VMP-9-5-101012	10/10/2012	0.0014	J		0.0014	J		<0.0071	U		<0.0071	U		0.016			<0.0037	U	
		VMP-9-5-012513	1/25/2013	0.0016	J	J	0.0016	J	J	<0.0069	U	UJ	<0.0069	U	UJ	0.0011	J	J	<0.0036	U	UJ
		VMP-9-5-021513	2/15/2013	0.0014	J		0.0014	J		0.014	J	J	<0.0068	U		0.21			<0.0035	U	
		VMP-9-5-050113	5/1/2013	0.0014	J		0.0014	J		<0.0072	U		<0.0072	U		0.0015	J		<0.0038	U	
	11.5 ft	VMP-9-11.5	11/11/2009	<0.007	U		<0.007	U		<0.006	U		<0.006	U		<0.006	U		<0.003	U	
		VMP-9-11.5-082610	8/26/2010	<0.14	U		<0.14	U		<0.13	U		<0.13	U		98			<0.066	U	
		VMP-9-11.5-111910	11/19/2010	<0.42	U		<0.42	U		<0.37	U		<0.37	U		150			<0.19	U	
		VMP-9-11.5-020911	2/9/2011	<0.0076	U		<0.0076	U		<0.0066	U		<0.0066	U		0.0073			<0.0034	U	
		VMP-9-11.5-020911-DUP	2/9/2011	<0.0059	U		<0.0059	U		<0.0051	U		<0.0051	U		0.0074			<0.0027	U	
		VMP-9-11.5-040611	4/6/2011	<0.022	U		<0.022	U		<0.019	U		<0.019	U		0.0075	J		<0.01	U	
		VMP-9-11.5-080211	8/2/2011	<0.49	U		<0.49	U		<0.43	U		<0.43	U		310			<0.22	U	
		VMP-9-11.5-110411	11/4/2011	<0.0049	U		<0.0049	U		0.0018	J		<0.0043	J	U	0.031			<0.0022	U	
		VMP-9-11.5-012612	1/26/2012	<0.0044	U		<0.0044	U		<0.0038	U		<0.0038	U		0.11			<0.002	U	
		VMP-9-11.5-041112	4/11/2012	0.0017	J		0.0017	J		<0.0045	U		<0.0045	U		0.075			<0.0023	U	
		VMP-9-11.5-071312	7/13/2012	0.0012	J		0.0012	J		0.0033	J		<0.0051	J	U	<0.0048	U		<0.0026	U	
		VMP-9-11.5-101012	10/10/2012	0.0016	J		0.0016	J		<0.0068	U		<0.0068	U		0.034			<0.0035	U	
		VMP-9-11.5-012513	1/25/2013	0.0017	J		0.0017	J		<0.0057	U		<0.0057	U		0.0054			<0.003	U	
		VMP-9-11.5-012513-DUP	1/25/2013	0.0015	J		0.0015	J		<0.0062	U		<0.0062	U		0.0083			<0.0032	U	
		VMP-9-11.5-050113	5/1/2013	0.0015	J		0.0015	J		<0.0074	U		<0.0074	U		0.004	J		<0.0038	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	m,p-Xylenes			o-Xylenes			Isobutane			Isobutane			Pentane		
				130			120											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-9	23.5 ft	VMP-8-23.5	11/10/2009	<0.005	U		<0.005	U										
		VMP - 8 - 23.5 - 083010	8/30/2010	<0.0057	U		<0.0057	U										
		VMP-8-23.5-111910	11/19/2010	0.001	J		<0.0055	U										
		VMP-8-23.5-021011	2/10/2011	<0.0058	U		<0.0058	U										
		VMP-8-23.5-040711	4/7/2011	0.0012	J		<0.0055	U										
		VMP-8-23.5-040711-DUP	4/7/2011	0.001	J		<0.0087	U										
		VMP-8-23.5-081011	8/10/2011	0.0055	J		0.0016	J										
		VMP-8-23.5-110611	11/6/2011	0.0026	J		0.00092	J										
		VMP-8-23.5-012312	1/23/2012	0.0033	J		0.00092	J										
		VMP-8-23.5-041012	4/10/2012	0.0011	J		<0.0041	U										
		VMP-8-23.5-071312	7/13/2012	<0.0045	U		<0.0045	U										
		VMP-8-23.5-100412	10/4/2012	<0.0063	U		<0.0063	U										
		VMP-8-23.5-012413	1/24/2013	<0.0063	U		<0.0063	U										
		VMP-8-23.5-050113	5/1/2013	<0.0066	U		<0.0066	U										
	5 ft	VMP-9-5	11/11/2009	<0.004	U		<0.004	U										
		VMP-9-5-082610	8/26/2010	0.0013	J		<0.005	U										
		VMP-9-5-111910	11/19/2010	<0.0052	U		<0.0052	U										
		VMP-9-5-020811	2/8/2011	<0.0048	U		<0.0048	U										
		VMP-9-5-040611	4/6/2011	<0.013	U		<0.013	U										
		VMP-9-5-080211	8/2/2011	<0.26	U		<0.26	U										
		VMP-9-5-110411	11/4/2011	<0.0038	J	U	<0.0038	U										
		VMP-9-5-012612	1/26/2012	0.0018	J		0.00064	J										
		VMP-9-5-041112	4/11/2012	0.0025	J		<0.0039	U										
		VMP-9-5-071312	7/13/2012	0.0062			<0.0041	J	U									
		VMP-9-5-101012	10/10/2012	<0.0063	U		<0.0063	U										
		VMP-9-5-012513	1/25/2013	<0.0061	U	UJ	<0.0061	U	UJ									
		VMP-9-5-021513	2/15/2013	0.0015	J		<0.006	U										
		VMP-9-5-050113	5/1/2013	<0.0064	U		<0.0064	U										
	11.5 ft	VMP-9-11.5	11/11/2009	<0.006	U		<0.006	U										
		VMP-9-11.5-082610	8/26/2010	<0.11	U		<0.11	U										
		VMP-9-11.5-111910	11/19/2010	<0.32	U		<0.32	U										
		VMP-9-11.5-020911	2/9/2011	<0.0058	U		<0.0058	U										
		VMP-9-11.5-020911-DUP	2/9/2011	<0.0045	U		<0.0045	U										
		VMP-9-11.5-040611	4/6/2011	<0.017	U		<0.017	U										
		VMP-9-11.5-080211	8/2/2011	<0.38	U		<0.38	U										
		VMP-9-11.5-110411	11/4/2011	<0.0038	J	U	<0.0038	U										
		VMP-9-11.5-012612	1/26/2012	0.0018	J		0.00068	J										
		VMP-9-11.5-041112	4/11/2012	0.0014	J		0.00055	J										
		VMP-9-11.5-071312	7/13/2012	0.011			0.0037	J										
		VMP-9-11.5-101012	10/10/2012	0.0016	J		<0.006	U										
		VMP-9-11.5-012513	1/25/2013	<0.005	U		<0.005	U										
		VMP-9-11.5-012513-DUP	1/25/2013	0.0018	J		<0.0055	J	U									
		VMP-9-11.5-050113	5/1/2013	<0.0065	U		<0.0065	U										

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene		
				750000			0.37			450000			11			6.9					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	25.5 ft	VMP-9-25.5	11/10/2009	<2.6	U		12		J	<1.8	U		<2.8	U		<1.1	U		<0.61	U	
		VMP-9-25.5-D	11/10/2009	<2.3	U		4.9		J	<1.6	U		<2.6	U		<0.96	U		<0.55	U	
		VMP-9-25.5-082610	8/26/2010	<1.9	U		3.2			<1.4	U		<2.1	U		<0.78	U		<0.44	U	
		VMP-9-25.5-082610-DUP	8/26/2010	<2	U		3.3			<1.4	U		<2.2	U		<0.84	U		<0.48	U	
		VMP-9-25.5-111910	11/19/2010	<2.2	U		1.9			<1.5	U		<2.4	U		<0.89	U		<0.51	U	
		VMP-9-25.5-020911	2/9/2011	<1.2	U		0.079	J		<0.84	U		<1.3	U		<0.49	U		<0.28	U	
		VMP-9-25.5-040811	4/8/2011	0.69			0.82			<0.43	U		<0.66	U		<0.25	U		<0.14	U	
		VMP-9-25.5-080211	8/2/2011	<1.3	U		0.68		J	<0.94	U		<1.4	U		<0.55	U		<0.31	U	
		VMP-9-25.5-110711	11/7/2011	1.4			0.19	J		<0.83	U		0.18	J		<0.48	U		<0.28	U	
		VMP-9-25.5-110711-DUP	11/7/2011	1.6			0.19	J		<0.72	U		0.13	J		<0.42	U		<0.24	U	
		VMP-9-25.5-012612	1/26/2012	<0.3	U		0.24		J	<0.22	U		<1.3	U		<0.12	U		<0.071	U	
		VMP-9-25.5-041112	4/11/2012	0.011	J		0.0038			0.0022	J		<0.0094	U		<0.036	U		<0.002	U	
		VMP-9-25.5-071312	7/13/2012	0.1			0.062			<0.0066	U		<0.01	U		<0.038	U	UJ	<0.0022	U	
		VMP-9-25.5-071312-Dup	7/13/2012	0.1			0.061			<0.0064	U		<0.0099	U		<0.037	U	UJ	<0.0021	U	
		VMP-9-25.5-101012	10/10/2012	0.019	J		0.005			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U	
		VMP-9-25.5-013013	1/30/2013	0.02	J		0.0018	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U	
		VMP-9-25.5-050113	5/1/2013	0.0094	J		0.011			<0.01	U		<0.016	U		<0.059	U		<0.0033	U	
		VMP-9-25.5-050113-Dup	5/1/2013	0.018	J		0.0073			<0.01	U		<0.016	U		<0.06	U		<0.0034	U	
	38.5 ft	VMP-9-38.5	11/10/2009	<5.2	U		1300		J	<3.7	U		<5.7	U		<2.1	U		<1.2	U	
		VMP-9-38.5-020911	2/9/2011	<2	U		0.89			<1.4	U		<2.2	U		<0.81	U		<0.46	U	
		VMP-9-38.5-040811	4/8/2011	2.4	J		4			<1.9	U		<2.9	U		<1.1	U		<0.62	U	
		VMP-9-38.5-012612	1/26/2012	<0.4	U		1.1		J	<0.28	U		<1.7	U		<0.16	U		<0.093	U	
		VMP-9-38.5-041112	4/11/2012	0.019	J		0.01			0.0012	J		<0.0083	U		<0.031	U		<0.0018	U	
		VMP-9-38.5-071312	7/13/2012	0.11			0.21			<0.0071	U		<0.011	U		<0.041	J	UJ	<0.0023	U	
		VMP-9-38.5-101012	10/10/2012	0.019	J		1.2			<0.026	U		<0.041	U		<0.15	U		<0.0087	U	
		VMP-9-38.5-013013	1/30/2013	0.015	J		0.0018	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U	
		VMP-9-38.5-050113	5/1/2013	0.017	J		0.0023	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U	
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010	0.042			0.0048			<0.009	U		<0.015	U		<0.005	U		<0.003	U	
		VMP-18-8.5-090710	9/7/2010	0.013			0.093			0.0027	J		<0.013	U		<0.005	J	U	<0.0028	U	
		VMP-18-8.5-111910	11/19/2010	0.0077	J		<0.0034	U		<0.0072	U		<0.011	U		<0.0042	U		<0.0024	U	
		VMP-18-8.5-020711	2/7/2011	0.18		J	0.0024	J		<0.008	U		<0.012	U		<0.0046	U		<0.0026	U	
		VMP-18-8.5-020711-DUP	2/7/2011	0.012		J	0.0013	J		<0.0077	U		<0.012	U		<0.0044	U		<0.0025	U	
		VMP-18-8.5-040711	4/7/2011	0.015			0.084			<0.0086	U		<0.013	U		<0.005	U		<0.0028	U	
		VMP-18-8.5-072811	7/28/2011	0.075			0.096			<0.0092	U		<0.014	U		<0.0054	U		<0.003	U	
		VMP-18-8.5-110711	11/7/2011	0.015			0.00097	J		<0.006	U		<0.0092	U		<0.0035	U		<0.002	U	
		VMP-18-8.5-012312	1/23/2012	0.0081	J		0.0012	J		<0.0065	U		<0.01	U		<0.0038	U		<0.0021	U	
		VMP-18-8.5-041012	4/10/2012	0.056			0.039			<0.0067	U		<0.01	U		<0.039	U		<0.0022	U	
		VMP-18-8.5-071212	7/12/2012	0.079			0.12			<0.0066	U		<0.01	U		<0.038	U		<0.0022	U	
		VMP-18-8.5-100912	10/9/2012	0.1			0.0064			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U	
		VMP-18-8.5-012313	1/23/2013	0.0051	J		0.025			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
		VMP-18-8.5-050113	5/1/2013	0.042			<0.0049	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Butane			Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			2-Butanone			Carbon disulfide		
																6400			780		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	25.5 ft	VMP-9-25.5	11/10/2009													<0.81	U		<0.86	U	
		VMP-9-25.5-D	11/10/2009													<0.73	U		<0.77	U	
		VMP-9-25.5-082610	8/26/2010													<0.59	U		<0.63	U	
		VMP-9-25.5-082610-DUP	8/26/2010													<0.64	U		<0.67	U	
		VMP-9-25.5-111910	11/19/2010													<0.68	U		<0.72	U	
		VMP-9-25.5-020911	2/9/2011													<0.37	U		<0.39	U	
		VMP-9-25.5-040811	4/8/2011	2.4												<0.75	U		0.42	J	
		VMP-9-25.5-080211	8/2/2011	35		J										<1.7	U		<0.44	U	
		VMP-9-25.5-110711	11/7/2011	4.4												1	J		1.1	J	
		VMP-9-25.5-110711-DUP	11/7/2011	6.1												1.3			1.3	J	
		VMP-9-25.5-012612	1/26/2012	10		J										<0.38	U		<0.1	U	
		VMP-9-25.5-041112	4/11/2012	<0.0087	U											0.0022	J		0.002	J	J
		VMP-9-25.5-071312	7/13/2012	<0.0094	U											0.032			<0.012	J	U
		VMP-9-25.5-071312-Dup	7/13/2012	<0.0091	U											0.032			<0.012	J	U
		VMP-9-25.5-101012	10/10/2012	<0.012	U											<0.016	U		<0.016	J	U
		VMP-9-25.5-013013	1/30/2013	<0.013	U											<0.017	U		0.0028	J	
		VMP-9-25.5-050113	5/1/2013	<0.014	U											<0.018	U		<0.019	J	U
		VMP-9-25.5-050113-Dup	5/1/2013	<0.015	U											<0.018	U		<0.019	J	U
	38.5 ft	VMP-9-38.5	11/10/2009													<1.6	U		<1.7	U	
		VMP-9-38.5-020911	2/9/2011													<0.62	U		<0.65	U	
		VMP-9-38.5-040811	4/8/2011	39												<3.3	U		1.8	J	
		VMP-9-38.5-012612	1/26/2012	12		J										<0.5	U		<0.13	U	
		VMP-9-38.5-041112	4/11/2012	<0.0076	U											0.0026	J		0.0038	J	J
		VMP-9-38.5-071312	7/13/2012	0.0066	J											0.041			<0.013	J	U
		VMP-9-38.5-101012	10/10/2012	0.23												<0.046	U		<0.049	J	U
		VMP-9-38.5-013013	1/30/2013	0.0068	J											<0.017	U		<0.018	J	U
		VMP-9-38.5-050113	5/1/2013	0.014	J											0.004	J		0.0089	J	
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010													0.0044			<0.004	J	U
		VMP-18-8.5-090710	9/7/2010													0.0032	J		0.0069		
		VMP-18-8.5-111910	11/19/2010													0.0013	J		<0.0034	U	
		VMP-18-8.5-020711	2/7/2011													0.0049			<0.0037	J	U
		VMP-18-8.5-020711-DUP	2/7/2011													0.0016	J		<0.0036	U	
		VMP-18-8.5-040711	4/7/2011	0.0069	J											0.0023	J		<0.016	J	U
		VMP-18-8.5-072811	7/28/2011	<0.013	U											0.025			<0.017	U	
		VMP-18-8.5-110711	11/7/2011	<0.0085	U											0.0065	J		<0.011	U	
		VMP-18-8.5-012312	1/23/2012	<0.0092	U											0.007	J		<0.012	J	U
		VMP-18-8.5-041012	4/10/2012	0.0047	J											0.071			<0.012	U	
		VMP-18-8.5-071212	7/12/2012	0.0046	J											0.032			<0.012	U	
		VMP-18-8.5-100912	10/9/2012	<0.012	U											0.013	J		<0.016	U	
		VMP-18-8.5-012313	1/23/2013	<0.014	U											<0.017	U		<0.018	U	
		VMP-18-8.5-050113	5/1/2013	<0.015	U											<0.018	U		<0.019	J	U

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane		
				0.21			69			57000						0.11					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	25.5 ft	VMP-9-25.5	11/10/2009	<1.7	U		<1.3	U		<2.3	U		<0.72	U		<1.3	U		<2.3	U	
		VMP-9-25.5-D	11/10/2009	<1.6	U		<1.1	U		<2.1	U		<0.65	U		<1.2	U		<2	U	
		VMP-9-25.5-082610	8/26/2010	<1.3	U		<0.93	U		<1.7	U		<0.53	U		<0.98	U		<1.7	U	
		VMP-9-25.5-082610-DUP	8/26/2010	<1.4	U		<0.99	U		<1.8	U		<0.57	U		<1	U		<1.8	U	
		VMP-9-25.5-111910	11/19/2010	<1.4	U		<1	U		<2	U		<0.61	U		<1.1	U		<1.9	U	
		VMP-9-25.5-020911	2/9/2011	<0.79	U		<0.58	U		<1.1	U		<0.33	U		<0.62	U		<1	U	
		VMP-9-25.5-040811	4/8/2011	<0.4	U		<0.29	U		<0.54	U		0.26	J		<0.31	U		<0.53	U	
		VMP-9-25.5-080211	8/2/2011	<0.89	U		<0.65	U		<1.2	U		<1.5	U		<0.69	U		<1.2	U	
		VMP-9-25.5-110711	11/7/2011	<0.78	U		0.35	J		<1.1	U		<1.3	U		<0.61	U		<1	U	
		VMP-9-25.5-110711-DUP	11/7/2011	<0.68	U		0.31	J		<0.92	U		<1.1	U		<0.52	U		<0.89	U	
		VMP-9-25.5-012612	1/26/2012	<0.2	U		<0.15	U		<0.27	U		<0.34	U		<0.16	U		<0.26	U	
		VMP-9-25.5-041112	4/11/2012	<0.0058	U		<0.0042	U		<0.0078	U		<0.0096	U		0.0009	J		<0.019	U	
		VMP-9-25.5-071312	7/13/2012	<0.0062	U		<0.0045	J	U	<0.0084	U		<0.01	U		0.0068			<0.02	U	
		VMP-9-25.5-071312-Dup	7/13/2012	<0.006	U		<0.0044	J	U	<0.0081	U		<0.01	U		0.0058			<0.02	U	
		VMP-9-25.5-101012	10/10/2012	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.015			<0.027	U	
		VMP-9-25.5-013013	1/30/2013	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0095			<0.029	U	
		VMP-9-25.5-050113	5/1/2013	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		0.0083			<0.031	U	
		VMP-9-25.5-050113-Dup	5/1/2013	<0.0098	U		<0.0071	U		<0.013	U		<0.016	U		0.0072	J		<0.032	U	
	38.5 ft	VMP-9-38.5	11/10/2009	<3.5	U		<2.5	U		<4.7	U		<1.4	U		<2.7	U		<4.5	U	
		VMP-9-38.5-020911	2/9/2011	<1.3	U		<0.96	U		<1.8	U		<0.55	U		<1	U		<1.7	U	
		VMP-9-38.5-040811	4/8/2011	<1.7	U		<1.3	U		<2.4	U		0.73	J		<1.4	U		<2.3	U	
		VMP-9-38.5-012612	1/26/2012	<0.26	U		<0.19	U		<0.36	U		<0.44	U		<0.2	U		<0.35	U	
		VMP-9-38.5-041112	4/11/2012	<0.0051	U		<0.0037	U		<0.0068	U		<0.0085	U		0.0015	J		<0.017	U	
		VMP-9-38.5-071312	7/13/2012	<0.0067	U		<0.0049	J	U	<0.009	U		<0.011	U		0.0073			<0.022	U	
		VMP-9-38.5-101012	10/10/2012	<0.025	U		<0.018	U		<0.034	U		<0.042	U		<0.019	U		<0.081	U	
		VMP-9-38.5-013013	1/30/2013	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0059	J		<0.029	U	
		VMP-9-38.5-050113	5/1/2013	<0.0098	U		<0.0071	U		<0.013	U		<0.016	U		0.011			<0.032	U	
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010	<0.009	U		<0.006	U		<0.012	U		<0.003	U		<0.007	U		<0.012	U	
		VMP-18-8.5-090710	9/7/2010	0.0012	J		<0.0059	U		<0.011	U		<0.0034	U		0.00097	J		<0.011	U	
		VMP-18-8.5-111910	11/19/2010	<0.0068	U		<0.005	U		<0.0092	U		<0.0028	U		<0.0053	U		<0.0089	U	
		VMP-18-8.5-020711	2/7/2011	<0.0075	U		<0.0055	U		<0.01	U		<0.0031	U		<0.0058	U		<0.0098	U	
		VMP-18-8.5-020711-DUP	2/7/2011	<0.0072	U		<0.0053	U		<0.0098	U		<0.003	U		<0.0056	U		<0.0094	U	
		VMP-18-8.5-040711	4/7/2011	<0.0081	U		<0.0059	J	U	0.0023	J		<0.014	U		<0.0063	U		<0.011	U	
		VMP-18-8.5-072811	7/28/2011	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.011	U	
		VMP-18-8.5-110711	11/7/2011	<0.0056	U		<0.0041	U		<0.0076	U		<0.0094	U		<0.0044	U		<0.0074	U	
		VMP-18-8.5-012312	1/23/2012	<0.0061	U		<0.0045	J	U	<0.0083	U		<0.01	U		<0.0047	U		<0.008	U	
		VMP-18-8.5-041012	4/10/2012	<0.0063	U		<0.0046	U		<0.0086	U		<0.011	U		<0.0049	U		<0.021	U	
		VMP-18-8.5-071212	7/12/2012	<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U	
		VMP-18-8.5-100912	10/9/2012	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U	
		VMP-18-8.5-012313	1/23/2013	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U	
		VMP-18-8.5-050113	5/1/2013	<0.0097	U		<0.0071	U		<0.013	U		<0.016	U		<0.0075	U		<0.032	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	alpha-Chlorotoluene			Cyclobutane, ethyl-			Cyclohexane			Cyclopentane, methyl-			1,2-Dibromoethane			1,2-Dichlorobenzene		
																0.011			290		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	25.5 ft	VMP-9-25.5	11/10/2009	<1.4	U					54		J				<2.1	U		<1.6	U	
		VMP-9-25.5-D	11/10/2009	<1.3	U					52		J				<1.9	U		<1.5	U	
		VMP-9-25.5-082610	8/26/2010	<1	U					31						<1.5	U		<1.2	U	
		VMP-9-25.5-082610-DUP	8/26/2010	<1.1	U					32						<1.6	U		<1.3	U	
		VMP-9-25.5-111910	11/19/2010	<1.2	U					20						<1.8	U		<1.4	U	
		VMP-9-25.5-020911	2/9/2011	<0.65	U					3						<0.97	U		<0.76	U	
		VMP-9-25.5-040811	4/8/2011	<0.33	U					0.88						<0.49	U		<0.38	U	
		VMP-9-25.5-080211	8/2/2011	<0.73	U					32		J				<1.1	U		<0.85	U	
		VMP-9-25.5-110711	11/7/2011	<0.64	U					1.8						<0.96	U		<0.75	U	
		VMP-9-25.5-110711-DUP	11/7/2011	<0.56	U					1.7						<0.83	U		<0.65	U	
		VMP-9-25.5-012612	1/26/2012	<0.67	U					4.3		J				<0.25	U		<0.19	U	
		VMP-9-25.5-041112	4/11/2012	0.00074	J					0.0055						<0.007	U		<0.0055	U	
		VMP-9-25.5-071312	7/13/2012	<0.0051	U					<0.0034	J	U				<0.0076	U		<0.0059	J	U
		VMP-9-25.5-071312-Dup	7/13/2012	<0.0049	U					<0.0033	J	U				<0.0073	U		<0.0057	J	U
		VMP-9-25.5-101012	10/10/2012	<0.0068	U					<0.0045	U					<0.01	U		<0.0079	U	
		VMP-9-25.5-013013	1/30/2013	<0.0073	U					<0.0048	U					<0.011	U		<0.0085	U	
		VMP-9-25.5-050113	5/1/2013	<0.0078	U					0.0038	J					<0.012	U		<0.0091	U	
		VMP-9-25.5-050113-Dup	5/1/2013	<0.008	U					0.0019	J					<0.012	U		<0.0093	U	
	38.5 ft	VMP-9-38.5	11/10/2009	<2.8	U					110		J				<4.2	U		<3.3	U	
		VMP-9-38.5-020911	2/9/2011	<1.1	U					18						<1.6	U		<1.2	U	
		VMP-9-38.5-040811	4/8/2011	<1.4	U					23						<2.1	U		<1.7	U	
		VMP-9-38.5-012612	1/26/2012	<0.87	U					9.8		J				<0.32	U		<0.25	U	
		VMP-9-38.5-041112	4/11/2012	<0.0042	U					0.0056						<0.0062	U		<0.0048	U	
		VMP-9-38.5-071312	7/13/2012	<0.0055	U					<0.0036	J	U				<0.0081	U		<0.0064	U	
		VMP-9-38.5-101012	10/10/2012	<0.02	U					0.02						<0.03	U		<0.024	U	
		VMP-9-38.5-013013	1/30/2013	<0.0073	U					<0.0048	U					<0.011	U		<0.0085	U	
		VMP-9-38.5-050113	5/1/2013	<0.008	U					0.0024	J					<0.012	U		<0.0093	U	
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010	<0.007	U					<0.005	U					<0.011	U		<0.008	U	
		VMP-18-8.5-090710	9/7/2010	<0.0067	J	U				0.0063						<0.0099	U		<0.0078	J	U
		VMP-18-8.5-111910	11/19/2010	<0.0056	U					0.0041						<0.0083	U		<0.0065	U	
		VMP-18-8.5-020711	2/7/2011	<0.0062	U					0.022		J				<0.0091	U		<0.0072	J	U
		VMP-18-8.5-020711-DUP	2/7/2011	<0.0059	U					0.0092		J				<0.0088	U		<0.0069	J	U
		VMP-18-8.5-040711	4/7/2011	<0.0066	J	U				0.0062						<0.0099	U		<0.0077	J	U
		VMP-18-8.5-072811	7/28/2011	<0.0071	U					<0.0048	U					<0.011	U		<0.0083	U	
		VMP-18-8.5-110711	11/7/2011	<0.0046	U					<0.0031	U					<0.0069	U		<0.0054	U	
		VMP-18-8.5-012312	1/23/2012	<0.005	U					<0.0033	U					<0.0074	U		<0.0058	U	
		VMP-18-8.5-041012	4/10/2012	<0.0052	U					0.0099						<0.0077	U		<0.006	U	
		VMP-18-8.5-071212	7/12/2012	<0.0051	U	UJ				0.0025	J					<0.0075	U		<0.0059	U	
		VMP-18-8.5-100912	10/9/2012	<0.0068	U					<0.0045	U					<0.01	U		<0.0079	U	
		VMP-18-8.5-012313	1/23/2013	<0.0075	U					<0.005	U					<0.011	U		<0.0087	U	
		VMP-18-8.5-050113	5/1/2013	<0.008	U					<0.0053	U					<0.012	U		<0.0092	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
							1200						690			0.099			240		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	25.5 ft	VMP-9-25.5	11/10/2009	<1.6	U		<1.6	U		<1.4	U		<1.1	U		<1.1	U		<1.1	U	
		VMP-9-25.5-D	11/10/2009	<1.5	U		<1.5	U		<1.2	U		<1	U		<1	U		<0.98	U	
		VMP-9-25.5-082610	8/26/2010	<1.2	U		<1.2	U		<1	U		<0.82	U		<0.82	U		<0.8	U	
		VMP-9-25.5-082610-DUP	8/26/2010	<1.3	U		<1.3	U		<1.1	U		<0.87	U		<0.87	U		<0.86	U	
		VMP-9-25.5-111910	11/19/2010	<1.4	U		<1.4	U		<1.1	U		<0.93	U		<0.93	U		<0.91	U	
		VMP-9-25.5-020911	2/9/2011	<0.76	U		<0.76	U		<0.62	U		<0.51	U		<0.51	U		<0.5	U	
		VMP-9-25.5-040811	4/8/2011	<0.38	U		<0.38	U		<0.32	U		<0.26	U		<0.26	U		<0.25	U	
		VMP-9-25.5-080211	8/2/2011	<0.85	U		<0.85	U		<0.7	U		<0.57	U		<0.57	U		<0.56	U	
		VMP-9-25.5-110711	11/7/2011	0.079	J		<0.75	U		<0.62	U		<0.5	U		<0.5	U		<0.49	U	
		VMP-9-25.5-110711-DUP	11/7/2011	0.069	J		<0.65	U		<0.53	U		<0.44	U		<0.44	U		<0.43	U	
		VMP-9-25.5-012612	1/26/2012	<0.19	U		<0.19	U		<0.16	U		<0.13	U		<0.13	U		<0.13	U	
		VMP-9-25.5-041112	4/11/2012	0.00089	J		<0.0055	U		0.002	J		<0.0037	U		<0.0037	U		<0.0036	U	
		VMP-9-25.5-071312	7/13/2012	<0.0059	J	U	<0.0059	J	U	0.0029	J		<0.004	U		<0.004	J	U	<0.0039	U	
		VMP-9-25.5-071312-Dup	7/13/2012	<0.0057	J	U	<0.0057	J	U	0.0027	J		<0.0039	U		<0.0039	U		<0.0038	U	
		VMP-9-25.5-101012	10/10/2012	<0.0079	U		<0.0079	U		0.0027	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-9-25.5-013013	1/30/2013	<0.0085	U		<0.0085	U		0.0025	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-9-25.5-050113	5/1/2013	<0.0091	J	U	<0.0091	J	U	0.0018	J		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-9-25.5-050113-Dup	5/1/2013	<0.0093	U		<0.0093	U		0.0022	J		<0.0063	U		<0.0063	U		<0.0061	U	
	38.5 ft	VMP-9-38.5	11/10/2009	<3.3	U		<3.3	U		<2.7	U		<2.2	U		<2.2	U		<2.2	U	
		VMP-9-38.5-020911	2/9/2011	<1.2	U		<1.2	U		<1	U		<0.85	U		<0.84	U		<0.83	U	
		VMP-9-38.5-040811	4/8/2011	<1.7	U		<1.7	U		<1.4	U		<1.1	U		<1.1	U		<1.1	U	
		VMP-9-38.5-012612	1/26/2012	<0.25	U		<0.25	U		<0.21	U		<0.17	U		<0.17	U		<0.17	U	
		VMP-9-38.5-041112	4/11/2012	<0.0048	U		<0.0048	U		0.002	J		<0.0032	U		<0.0032	U		<0.0032	U	
		VMP-9-38.5-071312	7/13/2012	<0.0064	J	U	<0.0064	J	U	0.0025	J		<0.0043	U		<0.0043	U		<0.0042	U	
		VMP-9-38.5-101012	10/10/2012	<0.024	U		<0.024	U		<0.019	U		<0.016	U		<0.016	U		<0.016	U	
		VMP-9-38.5-013013	1/30/2013	<0.0085	U		<0.0085	U		0.0028	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-9-38.5-050113	5/1/2013	<0.0093	U		<0.0093	U		0.0029	J		<0.0063	U		<0.0063	U		<0.0061	U	
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010	<0.008	U		<0.008	U		0.0025	J		<0.005	U		<0.005	U		<0.005	U	
		VMP-18-8.5-090710	9/7/2010	<0.0078	J	U	<0.0078	J	U	0.0028	J		<0.0052	U		0.0011	J		<0.0051	U	
		VMP-18-8.5-111910	11/19/2010	<0.0065	U		<0.0065	U		<0.0053	U		<0.0044	U		<0.0044	U		<0.0043	U	
		VMP-18-8.5-020711	2/7/2011	<0.0072	J	U	<0.0072	J	U	0.0022	J		<0.0048	U		<0.0048	U		<0.0047	U	
		VMP-18-8.5-020711-DUP	2/7/2011	<0.0069	J	U	<0.0069	J	U	0.0022	J		<0.0046	U		<0.0046	U		<0.0045	U	
		VMP-18-8.5-040711	4/7/2011	<0.0077	J	U	<0.0077	J	U	0.0019	J		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-18-8.5-072811	7/28/2011	<0.0083	U		<0.0083	U		0.0027	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-18-8.5-110711	11/7/2011	<0.0054	U		<0.0054	U		0.0018	J		<0.0036	U		<0.0036	U		<0.0035	U	
		VMP-18-8.5-012312	1/23/2012	<0.0058	U		<0.0058	U		0.0028	J		<0.0039	U		<0.0039	U		<0.0038	U	
		VMP-18-8.5-041012	4/10/2012	<0.006	U		<0.006	J	U	0.002	J		<0.0041	U		<0.0041	U		<0.004	U	
		VMP-18-8.5-071212	7/12/2012	<0.0059	U		<0.0059	U		0.0017	J		<0.004	U		<0.004	U		<0.0039	U	
		VMP-18-8.5-100912	10/9/2012	<0.0079	U		<0.0079	J	U	0.0024	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-18-8.5-012313	1/23/2013	<0.0087	U		<0.0087	U		0.0027	J		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-18-8.5-050113	5/1/2013	<0.0092	U		<0.0092	U		0.0018	J		<0.0062	U		<0.0062	U		<0.0061	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene		
				1100000			85			5.6			0.062			0.9			0.9		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	25.5 ft	VMP-9-25.5	11/10/2009	<1.1	U		<1.1	U		<0.96	U		<1.3	U		<1.2	U		<1.2	U	
		VMP-9-25.5-D	11/10/2009	<0.98	U		<0.98	U		<0.86	U		<1.1	U		<1.1	U		<1.1	U	
		VMP-9-25.5-082610	8/26/2010	<0.8	U		<0.8	U		<0.7	U		<0.93	U		<0.91	U		<0.91	U	
		VMP-9-25.5-082610-DUP	8/26/2010	<0.86	U		<0.86	U		<0.75	U		<1	U		<0.98	U		<0.98	U	
		VMP-9-25.5-111910	11/19/2010	<0.91	U		<0.91	U		0.44	J		<1.1	U		<1	U		<1	U	
		VMP-9-25.5-020911	2/9/2011	<0.5	U		<0.5	U		<0.44	U		<0.58	U		<0.57	U		<0.57	U	
		VMP-9-25.5-040811	4/8/2011	<0.25	U		<0.25	U		0.13	J		<0.3	U		<0.29	U		<0.29	U	
		VMP-9-25.5-080211	8/2/2011	<0.56	U		<0.56	U		<0.49	U		<0.65	U		<0.64	U		<0.64	U	
		VMP-9-25.5-110711	11/7/2011	<0.49	U		<0.49	U		0.53			<0.58	U		<0.56	U		<0.56	U	
		VMP-9-25.5-110711-DUP	11/7/2011	<0.43	U		<0.43	U		0.58			<0.5	U		<0.49	U		<0.49	U	
		VMP-9-25.5-012612	1/26/2012	<0.13	U		<0.13	U		<0.11	U		<0.15	U		<0.15	U		<0.15	U	
		VMP-9-25.5-041112	4/11/2012	<0.0036	U		<0.0036	U		<0.032	U		0.0013	J		<0.0042	U		0.0011	J	
		VMP-9-25.5-071312	7/13/2012	<0.0039	U		<0.0039	U		0.0027	J		<0.0046	U		<0.0045	U		<0.0045	J	U
		VMP-9-25.5-071312-Dup	7/13/2012	<0.0038	U		<0.0038	U		<0.033	J	U	<0.0044	U		<0.0043	U		<0.0043	J	U
		VMP-9-25.5-101012	10/10/2012	<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U	
		VMP-9-25.5-013013	1/30/2013	<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U	
		VMP-9-25.5-050113	5/1/2013	<0.006	U		<0.006	U		<0.052	J	U	<0.007	U		<0.0068	U		<0.0068	U	
		VMP-9-25.5-050113-Dup	5/1/2013	<0.0061	U		<0.0061	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U	
	38.5 ft	VMP-9-38.5	11/10/2009	<2.2	U		<2.2	U		<1.9	U		<2.5	U		<2.5	U		<2.5	U	
		VMP-9-38.5-020911	2/9/2011	<0.83	U		<0.83	U		<0.73	U		<0.96	U		<0.95	U		<0.95	U	
		VMP-9-38.5-040811	4/8/2011	<1.1	U		<1.1	U		0.53	J		<1.3	U		<1.3	U		<1.3	U	
		VMP-9-38.5-012612	1/26/2012	<0.17	U		<0.17	U		<0.14	U		<0.19	U		<0.19	U		<0.19	U	
		VMP-9-38.5-041112	4/11/2012	<0.0032	U		<0.0032	U		0.017	J		0.001	J		<0.0036	U		0.001	J	
		VMP-9-38.5-071312	7/13/2012	<0.0042	U		<0.0042	U		<0.037	J	U	<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-9-38.5-101012	10/10/2012	<0.016	U		<0.016	U		<0.14	U		<0.018	U		<0.018	U		<0.018	U	
		VMP-9-38.5-013013	1/30/2013	<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U	
		VMP-9-38.5-050113	5/1/2013	<0.0061	U		<0.0061	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U	
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010	<0.005	U		<0.005	U		0.0012	J		<0.006	U		<0.006	U		<0.006	U	
		VMP-18-8.5-090710	9/7/2010	<0.0051	U		<0.0051	U		<0.0045	U		<0.006	U		<0.0058	U		<0.0058	U	
		VMP-18-8.5-111910	11/19/2010	<0.0043	U		<0.0043	U		<0.0038	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-18-8.5-020711	2/7/2011	<0.0047	U		<0.0047	U		<0.0041	U		<0.0055	U		<0.0054	U		<0.0054	U	
		VMP-18-8.5-020711-DUP	2/7/2011	<0.0045	U		<0.0045	U		<0.004	U		<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-18-8.5-040711	4/7/2011	<0.0051	U		<0.0051	U		0.0021	J		0.0033	J		<0.0058	U		<0.0058	U	
		VMP-18-8.5-072811	7/28/2011	<0.0055	U		<0.0055	U		<0.0048	U		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-18-8.5-110711	11/7/2011	<0.0035	U		<0.0035	U		<0.0031	J	U	<0.0041	U		<0.0041	U		<0.0041	U	
		VMP-18-8.5-012312	1/23/2012	<0.0038	U		<0.0038	U		<0.0034	J	U	<0.0045	U		<0.0044	U		<0.0044	U	
		VMP-18-8.5-041012	4/10/2012	<0.004	U		<0.004	U		<0.035	J	U	0.00094	J		<0.0046	U		<0.0046	J	U
		VMP-18-8.5-071212	7/12/2012	<0.0039	U		<0.0039	U		0.0066	J		<0.0045	U		<0.0044	U		<0.0044	U	
		VMP-18-8.5-100912	10/9/2012	<0.0052	U		<0.0052	U		0.014	J		<0.0061	U		<0.006	U		<0.006	U	
		VMP-18-8.5-012313	1/23/2013	<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-18-8.5-050113	5/1/2013	<0.0061	U		<0.0061	U		<0.054	U		<0.0071	U		<0.007	U		<0.007	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 113		
				0.22						1400											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	25.5 ft	VMP-9-25.5	11/10/2009	<4	U		<2.1	U		<1.2	U		<1.4	U		<2.1	U		<2.1	U	
		VMP-9-25.5-D	11/10/2009	<3.6	U		<1.9	U		<1.1	U		<1.2	U		<1.9	U		<1.9	U	
		VMP-9-25.5-082610	8/26/2010	<2.9	U		<1.5	U		<0.87	U		<0.99	U		<1.5	U		<1.5	U	
		VMP-9-25.5-082610-DUP	8/26/2010	<3.1	U		<1.6	U		<0.94	U		<1.1	U		<1.6	U		<1.6	U	
		VMP-9-25.5-111910	11/19/2010	<3.3	U		<1.7	U		<1	U		<1.1	U		<1.8	U		<1.8	U	
		VMP-9-25.5-020911	2/9/2011	<1.8	U		<0.95	U		<0.55	U		<0.62	U		<0.96	U		<0.96	U	
		VMP-9-25.5-040811	4/8/2011	<0.92	U		0.29	J		<0.28	U		<0.31	U		<0.49	U		<0.49	U	
		VMP-9-25.5-080211	8/2/2011	<2	U		<1.1	U		<0.61	U		<0.69	U		<1.1	U		<1.1	U	
		VMP-9-25.5-110711	11/7/2011	<1.8	U		0.49	J		<0.54	U		<0.61	U		<0.95	U		<0.95	U	
		VMP-9-25.5-110711-DUP	11/7/2011	<1.5	U		0.56	J		<0.47	U		<0.53	U		<0.82	U		<0.82	U	
		VMP-9-25.5-012612	1/26/2012	<0.46	U		<0.24	U		<0.14	U		<0.16	U		<0.25	U		<0.25	U	
		VMP-9-25.5-041112	4/11/2012	<0.013	U		<0.0069	U		0.0049			0.0013	J		<0.007	U		<0.007	U	
		VMP-9-25.5-071312	7/13/2012	<0.014	U		0.09		J	0.0054			0.004	J		<0.0075	U		<0.0075	U	
		VMP-9-25.5-071312-Dup	7/13/2012	<0.014	U		0.18		J	0.0054			0.0037	J		<0.0073	U		<0.0073	U	
		VMP-9-25.5-101012	10/10/2012	<0.019	UJ	UJ	0.0043	J	J	<0.0057	U		<0.0065	U		<0.01	U		<0.01	U	
		VMP-9-25.5-013013	1/30/2013	<0.02	U		<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.011	U	
		VMP-9-25.5-050113	5/1/2013	<0.022	U		0.006	J		0.0098			0.0044	J		<0.012	U		<0.012	U	
		VMP-9-25.5-050113-Dup	5/1/2013	<0.022	U		0.0079	J		0.0096			0.0045	J		<0.012	U		<0.012	U	
	38.5 ft	VMP-9-38.5	11/10/2009	<7.9	U		<4.1	U		<2.4	U		<2.7	U		<4.2	U		<4.2	U	
		VMP-9-38.5-020911	2/9/2011	<3	U		<1.6	U		<0.91	U		<1	U		<1.6	U		<1.6	U	
		VMP-9-38.5-040811	4/8/2011	<4	U		1.4	J		<1.2	U		<1.4	U		<2.1	U		<2.1	U	
		VMP-9-38.5-012612	1/26/2012	<0.6	U		<0.32	U		<0.18	U		<0.21	U		<0.32	U		<0.32	U	
		VMP-9-38.5-041112	4/11/2012	<0.012	U		0.019			0.0015	J		<0.004	U		<0.0062	U		<0.0062	U	
		VMP-9-38.5-071312	7/13/2012	<0.015	U		0.19			0.0046	J		0.0036	J		<0.0081	U		<0.0081	U	
		VMP-9-38.5-101012	10/10/2012	<0.057	UJ	UJ	<0.03	U	UJ	<0.017	U		<0.019	U		<0.03	U		<0.03	U	
		VMP-9-38.5-013013	1/30/2013	<0.02	U		0.0038	J		<0.0061	U		<0.0069	U		<0.011	U		<0.011	U	
		VMP-9-38.5-050113	5/1/2013	<0.022	U		0.0044	J		<0.0067	U		<0.0076	U		<0.012	U		<0.012	U	
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010	<0.021	U		0.011			<0.006	U		<0.007	U		<0.011	U		<0.011	U	
		VMP-18-8.5-090710	9/7/2010	<0.018	U		0.011			<0.0056	J	U	<0.0063	U		0.002	J		0.002	J	
		VMP-18-8.5-111910	11/19/2010	0.0054	J		0.0017	J		<0.0047	U		<0.0053	U		<0.0083	U		<0.0083	U	
		VMP-18-8.5-020711	2/7/2011	0.0023	J		0.022			0.013			0.0055	J		<0.0091	U		<0.0091	U	
		VMP-18-8.5-020711-DUP	2/7/2011	<0.016	U		0.01			0.004	J		0.0016	J		<0.0088	U		<0.0088	U	
		VMP-18-8.5-040711	4/7/2011	0.0043	J		0.012			<0.0056	U		<0.0063	J	U	<0.0098	U		<0.0098	U	
		VMP-18-8.5-072811	7/28/2011	<0.02	U		0.079			0.0023	J		<0.0068	U		<0.01	U		<0.01	U	
		VMP-18-8.5-110711	11/7/2011	<0.013	U		0.021			<0.0039	U		<0.0044	J	U	<0.0068	U		<0.0068	U	
		VMP-18-8.5-012312	1/23/2012	<0.014	U		0.012			0.00054	J		<0.0048	U		<0.0074	U		<0.0074	U	
		VMP-18-8.5-041012	4/10/2012	<0.014	U		0.014			0.0055			<0.0049	U		<0.0077	U		<0.0077	U	
		VMP-18-8.5-071212	7/12/2012	<0.014	U		0.12			0.0028	J		<0.0048	J	U	<0.0075	U		<0.0075	U	
		VMP-18-8.5-100912	10/9/2012	<0.019	U		0.022			<0.0057	U		<0.0065	U		<0.01	U		<0.01	U	
		VMP-18-8.5-012313	1/23/2013	<0.021	U		<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.011	U	
		VMP-18-8.5-050113	5/1/2013	<0.022	U		0.0018	J		0.0017	J		<0.0076	U		<0.012	U		<0.012	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Freon 114			Heptadecane			Heptane			Hexachlorobutadiene			Hexane			Hexane, 2,2,4-trimethyl-		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
	25.5 ft	VMP-9-25.5	11/10/2009	<1.9	U					1.5		J	<12	U		6.6		J			
		VMP-9-25.5-D	11/10/2009	<1.7	U					1.5		J	<10	U		5.9		J			
		VMP-9-25.5-082610	8/26/2010	<1.4	U					1.1			<8.6	U		3.2					
		VMP-9-25.5-082610-DUP	8/26/2010	<1.5	U					1.1			<9.2	U		3.2					
		VMP-9-25.5-111910	11/19/2010	<1.6	U					<0.94	U		<9.8	U		1.8					
		VMP-9-25.5-020911	2/9/2011	<0.88	U					<0.52	U		<5.4	U		0.24	J				
		VMP-9-25.5-040811	4/8/2011	<0.45	U					<0.26	U		<2.7	U		<0.22	U				
		VMP-9-25.5-080211	8/2/2011	<0.98	U					0.82		J	<6	U		2.8		J			
		VMP-9-25.5-110711	11/7/2011	<0.87	U					<0.51	U		<5.3	U		0.62					
		VMP-9-25.5-110711-DUP	11/7/2011	<0.75	U					<0.44	U		<4.6	U		0.68					
		VMP-9-25.5-012612	1/26/2012	<0.22	U					<0.13	U		<1.4	U		1		J			
		VMP-9-25.5-041112	4/11/2012	<0.0064	U					0.012			<0.039	U		0.0085					
		VMP-9-25.5-071312	7/13/2012	<0.0069	U					0.0031	J		<0.042	U		<0.0035	J	U			
		VMP-9-25.5-071312-Dup	7/13/2012	<0.0067	U					<0.0039	J	U	<0.041	U		0.0025	J				
		VMP-9-25.5-101012	10/10/2012	<0.0092	U					<0.0054	U		<0.056	U		<0.0046	U				
		VMP-9-25.5-013013	1/30/2013	<0.0098	U					<0.0058	U		<0.06	U		0.00088	J				
		VMP-9-25.5-050113	5/1/2013	<0.01	U					0.013			<0.064	U		0.011					
		VMP-9-25.5-050113-Dup	5/1/2013	<0.011	U					0.0096			<0.066	U		0.0063					
	38.5 ft	VMP-9-38.5	11/10/2009	<3.8	U					4.6		J	<23	U		25		J			
		VMP-9-38.5-020911	2/9/2011	<1.5	U					<0.86	U		<8.9	U		1.9					
		VMP-9-38.5-040811	4/8/2011	<1.9	U					<1.1	U		<12	U		<0.98	U				
		VMP-9-38.5-012612	1/26/2012	<0.29	U					<0.17	U		<1.8	U		3.2		J			
		VMP-9-38.5-041112	4/11/2012	<0.0056	U					0.0024	J		<0.034	U		0.013					
		VMP-9-38.5-071312	7/13/2012	<0.0074	U					0.0032	J		<0.045	U		0.0018	J				
		VMP-9-38.5-101012	10/10/2012	<0.028	U					<0.016	U		<0.17	U		0.0052	J				
		VMP-9-38.5-013013	1/30/2013	<0.0098	U					<0.0058	U		<0.06	U		0.0014	J				
		VMP-9-38.5-050113	5/1/2013	<0.011	U					<0.0064	U		<0.066	U		0.0034	J				
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010	<0.01	U					0.0013	J		<0.062	U		0.0021	J				
		VMP-18-8.5-090710	9/7/2010	<0.009	U					0.0015	J		<0.055	J	U	0.0016	J				
		VMP-18-8.5-111910	11/19/2010	<0.0076	U					0.0026	J		<0.046	U		0.0031	J				
		VMP-18-8.5-020711	2/7/2011	<0.0083	U					0.045		J	<0.051	U		0.056		J			
		VMP-18-8.5-020711-DUP	2/7/2011	<0.008	U					0.015		J	<0.049	U		0.026		J			
		VMP-18-8.5-040711	4/7/2011	<0.009	U					0.012			<0.055	U		0.0049					
		VMP-18-8.5-072811	7/28/2011	<0.0096	U					<0.0056	U		<0.059	U		0.0018	J				
		VMP-18-8.5-110711	11/7/2011	<0.0062	U					<0.0037	U		<0.038	U		<0.0032	U				
		VMP-18-8.5-012312	1/23/2012	<0.0068	U					0.0012	J		<0.041	U		0.0012	J				
		VMP-18-8.5-041012	4/10/2012	<0.007	U					0.0054			<0.043	U		0.0044					
		VMP-18-8.5-071212	7/12/2012	<0.0068	U					0.0028	J		<0.042	U		0.0017	J				
		VMP-18-8.5-100912	10/9/2012	<0.0092	U					0.0027	J		<0.056	U		0.002	J				
		VMP-18-8.5-012313	1/23/2013	<0.01	U					<0.0059	U		<0.062	U		<0.0051	U				
		VMP-18-8.5-050113	5/1/2013	<0.011	U					<0.0063	U		<0.066	U		<0.0054	J	U			

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Hexane, 3,4-dimethyl-			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
													600						3400		
				Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	25.5 ft	VMP-9-25.5	11/10/2009				<4.5	U					<1.4	U		<1.1	U		<0.99	U	
		VMP-9-25.5-D	11/10/2009				<4	U					<1.2	U		<1	U		<0.89	U	
		VMP-9-25.5-082610	8/26/2010				<3.3	U					0.13	J		<0.82	U		<0.73	U	
		VMP-9-25.5-082610-DUP	8/26/2010				<3.5	U					0.13	J		<0.88	U		<0.78	U	
		VMP-9-25.5-111910	11/19/2010				<3.8	U					<1.1	U		<0.94	U		<0.83	U	
		VMP-9-25.5-020911	2/9/2011				<2.1	U					<0.62	U		<0.52	U		<0.45	U	
		VMP-9-25.5-040811	4/8/2011				<1	U		35			0.029	J		<0.26	U		<0.23	U	
		VMP-9-25.5-080211	8/2/2011				<2.3	U		460			<0.69	U		<0.58	U		<0.51	U	
		VMP-9-25.5-110711	11/7/2011				<2	U		87			<0.61	U		<0.51	U		<0.45	U	
		VMP-9-25.5-110711-DUP	11/7/2011				<1.8	U		87			<0.53	U		<0.44	U		<0.39	U	
		VMP-9-25.5-012612	1/26/2012				<0.53	U		81		J	<0.16	U		<0.13	U		<0.12	U	
		VMP-9-25.5-041112	4/11/2012				<0.015	U		0.0095	J		0.0017	J		<0.0037	U		<0.0033	U	
		VMP-9-25.5-071312	7/13/2012				0.0046	J		<0.012	U		0.053			0.17			<0.0036	U	
		VMP-9-25.5-071312-Dup	7/13/2012				0.0036	J		0.0056	J		0.049			0.17			<0.0034	U	
		VMP-9-25.5-101012	10/10/2012				<0.022	UJ	UJ	<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U	
		VMP-9-25.5-013013	1/30/2013				<0.023	U		0.0036	J		<0.0069	U		0.0017	J		<0.0051	U	
		VMP-9-25.5-050113	5/1/2013				<0.025	U		0.0078	J		<0.0074	U		<0.0062	U		<0.0054	U	
		VMP-9-25.5-050113-Dup	5/1/2013				<0.025	U		0.006	J		<0.0076	U		0.0014	J		<0.0056	U	
	38.5 ft	VMP-9-38.5	11/10/2009				<9	U					<2.7	U		<2.2	U		<2	U	
		VMP-9-38.5-020911	2/9/2011				<3.4	U					0.22	J		<0.86	U		<0.75	U	
		VMP-9-38.5-040811	4/8/2011				<4.6	U		230			0.2	J		<1.1	U		<1	U	
		VMP-9-38.5-012612	1/26/2012				<0.69	U		91		J	0.045	J	J	<0.17	U		<0.15	U	
		VMP-9-38.5-041112	4/11/2012				<0.013	U		0.97			<0.004	U		<0.0033	U		<0.0029	U	
		VMP-9-38.5-071312	7/13/2012				0.0051	J		0.0084	J		0.052			0.19			0.0075		
		VMP-9-38.5-101012	10/10/2012				<0.064	UJ	UJ	2.6			<0.019	U		<0.016	U		<0.014	U	
		VMP-9-38.5-013013	1/30/2013				<0.023	U		0.004	J		<0.0069	U		<0.0058	U		<0.0051	U	
		VMP-9-38.5-050113	5/1/2013				<0.025	U		0.065			<0.0076	U		0.0017	J		<0.0056	U	
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010				<0.024	U					<0.007	U		<0.005	U		<0.005	U	
		VMP-18-8.5-090710	9/7/2010				<0.021	U					<0.0063	J	U	<0.0053	U		0.00046	J	
		VMP-18-8.5-111910	11/19/2010				<0.018	U					<0.0053	U		<0.0044	U		<0.0039	U	
		VMP-18-8.5-020711	2/7/2011				<0.019	U					0.0014	J		<0.0049	U		<0.0043	U	
		VMP-18-8.5-020711-DUP	2/7/2011				<0.019	U					<0.0056	U		<0.0047	U		<0.0041	U	
		VMP-18-8.5-040711	4/7/2011				<0.021	U		0.012	J		0.0064			<0.0053	U		<0.0046	U	
		VMP-18-8.5-072811	7/28/2011				0.0039	J		<0.016	U		0.036			0.1			<0.005	U	
		VMP-18-8.5-110711	11/7/2011				0.00089	J		0.0026	J		0.0018	J		0.013			<0.0032	U	
		VMP-18-8.5-012312	1/23/2012				0.00068	J		<0.011	U		0.0026	J		0.057			<0.0035	U	
		VMP-18-8.5-041012	4/10/2012				0.0025	J		0.0058	J		0.062			0.16			<0.0036	U	
		VMP-18-8.5-071212	7/12/2012				<0.016	J	U	0.0079	J		0.025			0.19			<0.0035	U	
		VMP-18-8.5-100912	10/9/2012				<0.022	U		0.0056	J		<0.0065	U		<0.0054	U		<0.0048	U	
		VMP-18-8.5-012313	1/23/2013				<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U	
		VMP-18-8.5-050113	5/1/2013				<0.025	U		0.0037	J		<0.0076	J	U	<0.0063	U		<0.0056	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Pentane, 2,2,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,4-dimethyl-			Pentane, 2-methyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
	25.5 ft	VMP-9-25.5	11/10/2009																	
		VMP-9-25.5-D	11/10/2009																	
		VMP-9-25.5-082610	8/26/2010																	
		VMP-9-25.5-082610-DUP	8/26/2010																	
		VMP-9-25.5-111910	11/19/2010																	
		VMP-9-25.5-020911	2/9/2011																	
		VMP-9-25.5-040811	4/8/2011																	
		VMP-9-25.5-080211	8/2/2011																	
		VMP-9-25.5-110711	11/7/2011																	
		VMP-9-25.5-110711-DUP	11/7/2011																	
		VMP-9-25.5-012612	1/26/2012																	
		VMP-9-25.5-041112	4/11/2012																	
		VMP-9-25.5-071312	7/13/2012																	
		VMP-9-25.5-071312-Dup	7/13/2012																	
		VMP-9-25.5-101012	10/10/2012																	
		VMP-9-25.5-013013	1/30/2013																	
		VMP-9-25.5-050113	5/1/2013																	
		VMP-9-25.5-050113-Dup	5/1/2013																	
	38.5 ft	VMP-9-38.5	11/10/2009																	
		VMP-9-38.5-020911	2/9/2011																	
		VMP-9-38.5-040811	4/8/2011																	
		VMP-9-38.5-012612	1/26/2012																	
		VMP-9-38.5-041112	4/11/2012																	
		VMP-9-38.5-071312	7/13/2012																	
		VMP-9-38.5-101012	10/10/2012																	
		VMP-9-38.5-013013	1/30/2013																	
		VMP-9-38.5-050113	5/1/2013																	
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010																	
		VMP-18-8.5-090710	9/7/2010																	
		VMP-18-8.5-111910	11/19/2010																	
		VMP-18-8.5-020711	2/7/2011																	
		VMP-18-8.5-020711-DUP	2/7/2011																	
		VMP-18-8.5-040711	4/7/2011																	
		VMP-18-8.5-072811	7/28/2011																	
		VMP-18-8.5-110711	11/7/2011																	
		VMP-18-8.5-012312	1/23/2012																	
		VMP-18-8.5-041012	4/10/2012																	
		VMP-18-8.5-071212	7/12/2012																	
		VMP-18-8.5-100912	10/9/2012																	
		VMP-18-8.5-012313	1/23/2013																	
		VMP-18-8.5-050113	5/1/2013																	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrachloroethene		
										1400						0.55			0.55		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	25.5 ft	VMP-9-25.5	11/10/2009	<2.7	U		<1.4	U		<1.2	U		<1.9	U		<1.9	U		<1.9	U	
		VMP-9-25.5-D	11/10/2009	<2.4	U		<1.2	U		<1	U		<1.7	U		<1.7	U		<1.7	U	
		VMP-9-25.5-082610	8/26/2010	<2	U		0.14	J		<0.86	U		<1.4	U		<1.4	U		<1.4	U	
		VMP-9-25.5-082610-DUP	8/26/2010	<2.1	U		<1.1	U		<0.92	U		<1.5	U		<1.5	U		<1.5	U	
		VMP-9-25.5-111910	11/19/2010	<2.3	U		<1.1	U		<0.98	U		<1.6	U		<1.6	U		<1.6	U	
		VMP-9-25.5-020911	2/9/2011	<1.2	U		<0.62	U		<0.54	U		<0.86	U		<0.85	U		<0.85	U	
		VMP-9-25.5-040811	4/8/2011	1			<0.31	U		0.084	J		<0.44	U		<0.43	U		<0.43	U	
		VMP-9-25.5-080211	8/2/2011	<1.4	U		<0.69	U		<0.6	U		<0.97	U		<0.96	U		<0.96	U	
		VMP-9-25.5-110711	11/7/2011	0.41	J		<0.61	U		<0.53	U		<0.85	U		0.28	J		0.28	J	
		VMP-9-25.5-110711-DUP	11/7/2011	0.58	J		<0.53	U		<0.46	U		<0.74	U		0.19	J		0.19	J	
		VMP-9-25.5-012612	1/26/2012	<0.32	U		<0.16	U		<0.14	U		<0.22	U		<0.22	U		<0.22	U	
		VMP-9-25.5-041112	4/11/2012	<0.009	U		0.004	J		<0.0039	U		<0.0063	U		0.0014	J		0.0014	J	
		VMP-9-25.5-071312	7/13/2012	0.093			<0.0048	J	U	0.0027	J		<0.0068	U		<0.0067	J	U	<0.0067	J	U
		VMP-9-25.5-071312-Dup	7/13/2012	0.11			<0.0047	J	U	0.003	J		<0.0066	U		<0.0065	J	U	<0.0065	J	U
		VMP-9-25.5-101012	10/10/2012	0.0087	J		<0.0065	U		<0.0056	U		<0.0091	U		<0.009	U		<0.009	U	
		VMP-9-25.5-013013	1/30/2013	0.012	J		<0.0069	U		<0.006	U		<0.0097	U		<0.0096	J	U	<0.0096	J	U
		VMP-9-25.5-050113	5/1/2013	0.002	J		<0.0074	U		<0.0064	U		<0.01	U		<0.01	U		<0.01	U	
		VMP-9-25.5-050113-Dup	5/1/2013	0.0022	J		<0.0076	U		<0.0066	U		<0.011	U		<0.01	J	U	<0.01	J	U
	38.5 ft	VMP-9-38.5	11/10/2009	<5.4	U		<2.7	U		<2.3	U		<3.8	U		<3.7	U		<3.7	U	
		VMP-9-38.5-020911	2/9/2011	<2	U		<1	U		<0.89	U		<1.4	U		<1.4	U		<1.4	U	
		VMP-9-38.5-040811	4/8/2011	4.5			<1.4	U		0.24	J		<1.9	U		<1.9	U		<1.9	U	
		VMP-9-38.5-012612	1/26/2012	<0.41	U		<0.21	U		<0.18	U		<0.29	U		<0.28	U		<0.28	U	
		VMP-9-38.5-041112	4/11/2012	0.0078	J		<0.004	U		0.00065	J		<0.0055	U		<0.0055	U		<0.0055	U	
		VMP-9-38.5-071312	7/13/2012	0.088			<0.0052	J	U	0.0037	J		<0.0073	U		<0.0072	J	U	<0.0072	J	U
		VMP-9-38.5-101012	10/10/2012	0.004	J		<0.019	U		<0.017	U		<0.027	U		<0.027	U		<0.027	U	
		VMP-9-38.5-013013	1/30/2013	0.011	J		<0.0069	U		<0.006	U		<0.0097	U		<0.0096	J	U	<0.0096	J	U
		VMP-9-38.5-050113	5/1/2013	0.0018	J		<0.0076	U		<0.0066	U		<0.011	U		<0.01	J	U	<0.01	J	U
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010	0.012	J		<0.007	U		<0.006	U		<0.009	U		<0.009	U		<0.009	U	
		VMP-18-8.5-090710	9/7/2010	0.014			<0.0063	J	U	<0.0055	U		<0.0088	J	U	<0.0088	J	U	<0.0088	J	U
		VMP-18-8.5-111910	11/19/2010	0.0036	J		<0.0053	U		<0.0046	U		<0.0074	U		<0.0073	U		<0.0073	U	
		VMP-18-8.5-020711	2/7/2011	0.091		J	0.0029	J		<0.0051	U		<0.0082	U		<0.0081	U		<0.0081	U	
		VMP-18-8.5-020711-DUP	2/7/2011	0.012		J	0.0017	J		<0.0049	U		<0.0079	U		<0.0078	U		<0.0078	U	
		VMP-18-8.5-040711	4/7/2011	<0.013	U		0.01			<0.0055	U		<0.0088	U		0.0036	J		0.0036	J	
		VMP-18-8.5-072811	7/28/2011	0.03			0.001	J		0.0021	J		<0.0095	U		<0.0094	U		<0.0094	U	
		VMP-18-8.5-110711	11/7/2011	0.012			<0.0044	U		<0.0038	U		<0.0061	U		<0.0061	U		<0.0061	U	
		VMP-18-8.5-012312	1/23/2012	0.035			<0.0048	U		<0.0041	U		<0.0066	U		0.0026	J		0.0026	J	
		VMP-18-8.5-041012	4/10/2012	0.14			<0.0049	J	U	<0.0043	J	U	<0.0069	U		<0.0068	J	U	<0.0068	J	U
		VMP-18-8.5-071212	7/12/2012	0.088			<0.0048	J	U	<0.0042	J	U	<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-18-8.5-100912	10/9/2012	0.038			<0.0065	U		<0.0056	U		<0.0091	U		<0.009	U		<0.009	U	
		VMP-18-8.5-012313	1/23/2013	0.0069	J		<0.0071	U		<0.0062	U		<0.0099	U		<0.0098	U		<0.0098	U	
		VMP-18-8.5-050113	5/1/2013	<0.015	U		<0.0076	J	U	<0.0066	U		<0.01	U		<0.01	U		<0.01	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							6200			11			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	25.5 ft	VMP-9-25.5	11/10/2009	<0.81	U		<1	U		<8.2	U	UJ	<1.5	U		<1.5	U		<1.5	U	
		VMP-9-25.5-D	11/10/2009	<0.73	U		<0.93	U		<7.3	U	UJ	<1.3	U		<1.3	U		<1.3	U	
		VMP-9-25.5-082610	8/26/2010	<0.59	U		<0.76	U		<6	U		<1.1	U		<1.1	U		<1.1	U	
		VMP-9-25.5-082610-DUP	8/26/2010	<0.64	U		<0.81	U		<6.4	U		<1.2	U		<1.2	U		<1.2	U	
		VMP-9-25.5-111910	11/19/2010	<0.68	U		<0.87	U		<6.8	U		<1.2	U		<1.2	U		<1.2	U	
		VMP-9-25.5-020911	2/9/2011	<0.37	U		<0.47	U		<3.7	U		<0.69	U		<0.69	U		<0.68	U	
		VMP-9-25.5-040811	4/8/2011	<0.19	U		0.089	J		<1.9	U		<0.35	U		<0.35	U		<0.34	U	
		VMP-9-25.5-080211	8/2/2011	<0.42	U		0.13	J	J	<4.2	U		<0.77	U		<0.77	U		<0.76	U	
		VMP-9-25.5-110711	11/7/2011	<0.37	U		0.55			0.24	J		<0.68	U		<0.68	U		0.32	J	
		VMP-9-25.5-110711-DUP	11/7/2011	<0.32	U		0.57			<3.2	U		<0.59	U		<0.59	U		0.33	J	
		VMP-9-25.5-012612	1/26/2012	<0.095	U		0.048	J	J	<0.96	U		<0.18	U		<0.18	U		<0.17	U	
		VMP-9-25.5-041112	4/11/2012	<0.0027	U		0.053			<0.027	U		<0.005	U		<0.005	U		<0.0049	U	
		VMP-9-25.5-071312	7/13/2012	0.0036			0.077			<0.029	U		<0.0054	J	U	<0.0054	U		<0.0053	U	
		VMP-9-25.5-071312-Dup	7/13/2012	0.004			0.075			<0.028	U		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-9-25.5-101012	10/10/2012	<0.0039	U		0.0012	J		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-9-25.5-013013	1/30/2013	<0.0042	U		<0.0053	J	U	<0.042	J	U	<0.0077	U		<0.0077	U		<0.0076	U	
		VMP-9-25.5-050113	5/1/2013	<0.0044	U		0.006			<0.045	J	U	<0.0082	U		<0.0082	U		<0.0081	U	
		VMP-9-25.5-050113-Dup	5/1/2013	<0.0046	U		0.0056	J		<0.046	J	U	<0.0084	U		<0.0084	U		<0.0083	U	
	38.5 ft	VMP-9-38.5	11/10/2009	<1.6	U		<2.1	U		<16	U	UJ	<3	U		<3	U		<3	U	
		VMP-9-38.5-020911	2/9/2011	<0.62	U		<0.79	U		<6.2	U		<1.1	U		<1.1	U		<1.1	U	
		VMP-9-38.5-040811	4/8/2011	<0.82	U		0.67	J		<8.2	U		<1.5	U		<1.5	U		<1.5	U	
		VMP-9-38.5-012612	1/26/2012	<0.12	U		0.051	J	J	<1.2	U		<0.23	U		<0.23	U		<0.22	U	
		VMP-9-38.5-041112	4/11/2012	<0.0024	U		0.1			<0.024	U		<0.0044	U		<0.0044	U		0.0017	J	
		VMP-9-38.5-071312	7/13/2012	0.0044			0.07			<0.031	U		<0.0058	U		<0.0058	U		<0.0057	J	U
		VMP-9-38.5-101012	10/10/2012	<0.012	U		0.0023	J		<0.12	U		<0.021	U		<0.021	U		<0.021	U	
		VMP-9-38.5-013013	1/30/2013	<0.0042	U		<0.0053	J	U	<0.042	J	U	<0.0077	U		<0.0077	U		<0.0076	U	
		VMP-9-38.5-050113	5/1/2013	<0.0046	U		<0.0058	J	U	<0.046	J	U	<0.0084	U		<0.0084	U		<0.0083	U	
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010	0.0072			0.0014	J		<0.043	U		<0.007	U		<0.007	U		<0.007	U	
		VMP-18-8.5-090710	9/7/2010	<0.0038	U		0.0021	J		<0.038	J	U	0.0011	J		<0.007	U		<0.0069	J	U
		VMP-18-8.5-111910	11/19/2010	<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0.0059	U		0.0022	J	
		VMP-18-8.5-020711	2/7/2011	<0.0035	U		0.013		J	<0.035	J	U	<0.0065	U		<0.0065	U		0.0026	J	
		VMP-18-8.5-020711-DUP	2/7/2011	<0.0034	U		0.0031	J	J	<0.034	J	U	<0.0062	U		<0.0062	U		0.0019	J	
		VMP-18-8.5-040711	4/7/2011	<0.0038	U		0.0011	J		<0.038	J	U	<0.007	U		<0.007	U		0.0032	J	
		VMP-18-8.5-072811	7/28/2011	0.0013	J		0.012			<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-18-8.5-110711	11/7/2011	<0.0026	U		0.01			<0.026	U		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-18-8.5-012312	1/23/2012	<0.0029	U		0.0042			<0.029	U		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-18-8.5-041012	4/10/2012	0.01			0.036			<0.03	U		<0.0055	U		<0.0055	U		0.0012	J	
		VMP-18-8.5-071212	7/12/2012	0.0024	J		0.05			<0.029	U		<0.0053	U		<0.0053	U		<0.0053	U	
		VMP-18-8.5-100912	10/9/2012	<0.0039	U		0.0045	J		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-18-8.5-012313	1/23/2013	<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U	
		VMP-18-8.5-050113	5/1/2013	<0.0045	U		<0.0058	J	U	<0.046	U		<0.0084	U		<0.0084	U		<0.0083	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride		
				860			860												0.29		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	25.5 ft	VMP-9-25.5	11/10/2009	<1.5	U		<1.5	U		<1.4	U		<1.4	U		710		J	<0.7	U	
		VMP-9-25.5-D	11/10/2009	<1.4	U		<1.4	U		<1.2	U		<1.2	U		680		J	<0.63	U	
		VMP-9-25.5-082610	8/26/2010	<1.1	U		<1.1	U		0.19	J		<0.99	U		650			<0.52	U	
		VMP-9-25.5-082610-DUP	8/26/2010	<1.2	U		<1.2	U		0.17	J		<1.1	U		660			<0.55	U	
		VMP-9-25.5-111910	11/19/2010	<1.3	U		<1.3	U		<1.1	U		<1.1	U		550			<0.59	U	
		VMP-9-25.5-020911	2/9/2011	<0.71	U		<0.71	U		0.12	J		<0.62	U		190			<0.32	U	
		VMP-9-25.5-040811	4/8/2011	<0.36	U		<0.36	U		0.056	J		<0.31	U		98			<0.16	U	
		VMP-9-25.5-080211	8/2/2011	<0.79	U		<0.79	U		<0.69	U		<0.69	U		440		J	<0.36	U	
		VMP-9-25.5-110711	11/7/2011	<0.7	U		<0.7	U		<0.61	U		<0.61	U		120			<0.32	U	
		VMP-9-25.5-110711-DUP	11/7/2011	0.12	J		0.12	J		<0.53	U		<0.53	U		120			<0.27	U	
		VMP-9-25.5-012612	1/26/2012	<0.18	U		<0.18	U		<0.63	U		<0.16	U		76		J	<0.082	U	
		VMP-9-25.5-041112	4/11/2012	<0.0051	U		<0.0051	U		0.0013	J		0.0006	J		0.046			<0.0023	U	
		VMP-9-25.5-071312	7/13/2012	0.0015	J		0.0015	J		<0.0048	J	U	<0.0048	J	U	<0.0046	J	U	<0.0025	U	
		VMP-9-25.5-071312-Dup	7/13/2012	0.0016	J		0.0016	J		<0.0047	J	U	<0.0047	J	U	<0.0045	J	U	<0.0024	U	
		VMP-9-25.5-101012	10/10/2012	0.0015	J		0.0015	J		<0.0065	U		<0.0065	U		0.0081			<0.0034	U	
		VMP-9-25.5-013013	1/30/2013	0.0016	J		0.0016	J		<0.0069	U		<0.0069	U		0.0038	J		<0.0036	U	
		VMP-9-25.5-050113	5/1/2013	0.0014	J		0.0014	J		<0.0074	U		<0.0074	J	U	0.011			<0.0038	U	
		VMP-9-25.5-050113-Dup	5/1/2013	0.0014	J		0.0014	J		<0.0076	U		<0.0076	J	U	0.0079			<0.004	U	
	38.5 ft	VMP-9-38.5	11/10/2009	<3.1	U		<3.1	U		<2.7	U		<2.7	U		640		J	<1.4	U	
		VMP-9-38.5-020911	2/9/2011	<1.2	U		<1.2	U		<1	U		<1	U		380			<0.53	U	
		VMP-9-38.5-040811	4/8/2011	<1.6	U		<1.6	U		<1.4	U		<1.4	U		250			<0.71	U	
		VMP-9-38.5-012612	1/26/2012	<0.24	U		<0.24	U		<0.82	U		<0.21	U		120		J	<0.11	U	
		VMP-9-38.5-041112	4/11/2012	<0.0045	U		<0.0045	U		<0.004	U		<0.004	U		0.1			<0.002	U	
		VMP-9-38.5-071312	7/13/2012	0.0014	J		0.0014	J		0.0035	J		<0.0052	J	U	<0.005	J	U	<0.0027	U	
		VMP-9-38.5-101012	10/10/2012	<0.022	U		<0.022	U		<0.019	U		<0.019	U		4.8			<0.01	U	
		VMP-9-38.5-013013	1/30/2013	0.0016	J		0.0016	J		<0.0069	U		<0.0069	U		0.0051	J		<0.0036	U	
		VMP-9-38.5-050113	5/1/2013	0.0011	J		0.0011	J		<0.0076	U		<0.0076	U		0.027			<0.004	U	
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010	0.0012	J		0.0012	J		<0.007	U		<0.007	U		0.0084			<0.003	U	
		VMP-18-8.5-090710	9/7/2010	0.0024	J		0.0024	J		<0.0063	J	U	<0.0063	U		0.06			<0.0033	U	
		VMP-18-8.5-111910	11/19/2010	<0.0061	U		<0.0061	U		<0.0053	U		<0.0053	U		0.093			<0.0028	U	
		VMP-18-8.5-020711	2/7/2011	0.0011	J		0.0011	J		0.0042	J		0.0019	J		0.1		J	<0.003	U	
		VMP-18-8.5-020711-DUP	2/7/2011	0.0011	J		0.0011	J		0.0023	J		<0.0056	U		0.032		J	<0.0029	U	
		VMP-18-8.5-040711	4/7/2011	0.001	J		0.001	J		<0.0063	J	U	<0.0063	U		0.022			<0.0033	U	
		VMP-18-8.5-072811	7/28/2011	<0.0078	U		<0.0078	U		0.0063	J		<0.0068	J	U	0.0051	J		<0.0035	U	
		VMP-18-8.5-110711	11/7/2011	0.00097	J		0.00097	J		<0.0044	J	U	<0.0044	U		<0.0042	U		<0.0023	U	
		VMP-18-8.5-012312	1/23/2012	0.00098	J		0.00098	J		<0.0048	U		<0.0048	U		0.0016	J		<0.0025	U	
		VMP-18-8.5-041012	4/10/2012	<0.0056	U		<0.0056	U		0.0036	J		<0.0049	J	U	0.061			<0.0026	U	
		VMP-18-8.5-071212	7/12/2012	0.001	J		0.001	J		0.0041	J		<0.0048	U		0.005			<0.0025	U	
		VMP-18-8.5-100912	10/9/2012	0.0013	J		0.0013	J		<0.0065	U		<0.0065	U		0.021			<0.0034	U	
		VMP-18-8.5-012313	1/23/2013	<0.0081	U		<0.0081	U		<0.0071	U		<0.0071	U		0.013			<0.0037	U	
		VMP-18-8.5-050113	5/1/2013	0.001	J		0.001	J		<0.0076	U		<0.0076	U		0.086			<0.0039	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	m,p-Xylenes			o-Xylenes			Isobutane			Isobutane			Pentane		
				130			120											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
	25.5 ft	VMP-9-25.5	11/10/2009	<1.2	U		<1.2	U										
		VMP-9-25.5-D	11/10/2009	<1.1	U		<1.1	U										
		VMP-9-25.5-082610	8/26/2010	<0.87	U		<0.87	U										
		VMP-9-25.5-082610-DUP	8/26/2010	<0.94	U		<0.94	U										
		VMP-9-25.5-111910	11/19/2010	<1	U		<1	U										
		VMP-9-25.5-020911	2/9/2011	<0.55	U		<0.55	U										
		VMP-9-25.5-040811	4/8/2011	0.075	J		<0.28	U										
		VMP-9-25.5-080211	8/2/2011	<0.61	U		<0.61	U										
		VMP-9-25.5-110711	11/7/2011	<0.54	U		<0.54	U										
		VMP-9-25.5-110711-DUP	11/7/2011	<0.47	U		<0.47	U										
		VMP-9-25.5-012612	1/26/2012	<0.14	U		<0.14	U										
		VMP-9-25.5-041112	4/11/2012	0.0035	J		0.0006	J										
		VMP-9-25.5-071312	7/13/2012	0.018			0.0064											
		VMP-9-25.5-071312-Dup	7/13/2012	0.017			0.006											
		VMP-9-25.5-101012	10/10/2012	<0.0057	U		<0.0057	U										
		VMP-9-25.5-013013	1/30/2013	<0.0061	U		<0.0061	U										
		VMP-9-25.5-050113	5/1/2013	0.017			0.0086											
		VMP-9-25.5-050113-Dup	5/1/2013	0.018			0.0098											
	38.5 ft	VMP-9-38.5	11/10/2009	<2.4	U		<2.4	U										
		VMP-9-38.5-020911	2/9/2011	<0.91	U		<0.91	U										
		VMP-9-38.5-040811	4/8/2011	<1.2	U		<1.2	U										
		VMP-9-38.5-012612	1/26/2012	0.019	J	J	<0.18	U										
		VMP-9-38.5-041112	4/11/2012	0.0017	J		0.00046	J										
		VMP-9-38.5-071312	7/13/2012	0.014			0.005											
		VMP-9-38.5-101012	10/10/2012	<0.017	U		<0.017	U										
		VMP-9-38.5-013013	1/30/2013	<0.0061	U		<0.0061	U										
		VMP-9-38.5-050113	5/1/2013	<0.0067	U		<0.0067	U										
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010	0.0013	J		<0.006	U										
		VMP-18-8.5-090710	9/7/2010	0.00095	J		<0.0056	U										
		VMP-18-8.5-111910	11/19/2010	<0.0047	U		<0.0047	U										
		VMP-18-8.5-020711	2/7/2011	0.023		J	0.0083											
		VMP-18-8.5-020711-DUP	2/7/2011	0.0053		J	0.0023	J										
		VMP-18-8.5-040711	4/7/2011	<0.0056	J	U	<0.0056	U										
		VMP-18-8.5-072811	7/28/2011	0.007			0.0022	J										
		VMP-18-8.5-110711	11/7/2011	<0.0039	J	U	0.00071	J										
		VMP-18-8.5-012312	1/23/2012	0.0014	J		<0.0042	U										
		VMP-18-8.5-041012	4/10/2012	0.019			0.0053											
		VMP-18-8.5-071212	7/12/2012	0.008			0.0025	J										
		VMP-18-8.5-100912	10/9/2012	<0.0057	J	U	<0.0057	U										
		VMP-18-8.5-012313	1/23/2013	<0.0063	U		<0.0063	U										
		VMP-18-8.5-050113	5/1/2013	<0.0067	U		<0.0067	U										

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene		
				750000			0.37			450000			11			6.9					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-19	5 ft	VMP-19-5	6/18/2010	0.042			0.02			<0.009	U		<0.014	U		<0.005	U		<0.003	U	
		VMP-19-5-090110	9/1/2010	0.044			0.019			<0.0086	U		<0.013	U		<0.005	U		<0.0028	U	
		VMP-19-5-111510	11/15/2010	0.02			0.0092			<0.0092	U		<0.014	U		<0.0054	J	U	<0.003	U	
		VMP-19-5-020411	2/4/2011	0.0091	J		0.015			<0.0081	U		<0.012	U		<0.0047	U		<0.0027	U	
		VMP-19-5-040711	4/7/2011	0.01	J		0.76			<0.009	U		<0.014	U		<0.0052	U		<0.003	U	
		VMP-19-5-080911	8/9/2011	0.07		J	0.48			<0.0099	U		<0.015	J	U	<0.0057	U		<0.0033	U	
		VMP-19-5-080911-DUP	8/9/2011	0.054		J	0.41			<0.0094	U		<0.014	U		<0.0055	U		<0.0031	U	
		VMP-19-5-110811	11/8/2011	0.018			0.0066			<0.0066	U		<0.01	U		<0.0038	U		<0.0022	U	
		VMP-19-5-012612	1/26/2012	0.0089			0.001	J		<0.0057	U		<0.0088	U		<0.0033	U		<0.0019	U	
		VMP-19-5-041012	4/10/2012	0.031			0.028			<0.0066	U		<0.01	U		<0.038	U		<0.0022	U	
		VMP-19-5-071112	7/11/2012	0.085			0.082			<0.0075	U		<0.012	U		<0.043	U		<0.0025	U	
		VMP-19-5-100912	10/9/2012	0.032	J		0.0033	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U	
		VMP-19-5-013113	1/31/2013	0.023	J		1.5			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U	
		VMP-19-5-043013	4/30/2013	0.0093	J		<0.0054	U		<0.011	U		<0.018	U		<0.066	U		<0.0038	U	
VMP-20	5 ft	VMP-20-5-031411	3/14/2011	0.032			0.27			<0.0081	U		<0.012	U		<0.0047	U		<0.0027	U	
		VMP-20-5-041511	4/15/2011	0.019	J		0.037	J		<0.089	U		<0.14	U		<0.052	U		<0.029	U	
		VMP-20-5-072511	7/25/2011	0.036			0.038			<0.0094	U		<0.014	U		<0.0055	U		<0.0031	U	
		VMP-20-5-110111	11/1/2011	0.017			0.015			<0.0054	U		<0.0083	U		<0.0031	U		<0.0018	U	
		VMP-20-5-012312	1/23/2012	0.012	J		0.19			<0.026	U		<0.04	U		<0.015	U		<0.0086	U	
		VMP-20-5-041012	4/10/2012	0.07			0.0043			<0.0059	U		<0.009	U		<0.034	U		<0.0019	U	
		VMP-20-5-071112	7/11/2012	0.031			<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U	
		VMP-20-5-073112	7/31/2012	0.15			0.048			<0.0066	U		<0.01	U		<0.038	U		<0.0022	U	
		VMP-20-5-100412	10/4/2012	0.021	J		0.0082			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
		VMP-20-5-020713	2/7/2013	0.024	J		0.035			<0.0083	U		<0.013	U		<0.048	U		<0.0027	U	
		VMP-20-5-041913	4/19/2013	0.0099	J		0.0036	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U	
	10 ft	VMP-20-10-031411	3/14/2011	0.021			0.21			0.0023	J		<0.012	U		<0.0047	U		<0.0027	U	
		VMP-20-10-041511	4/15/2011	0.015	J		0.046			<0.081	U		<0.12	U		<0.047	U		<0.027	U	
		VMP-20-10-072511	7/25/2011	0.022			0.015			0.0015	J		<0.013	U		<0.005	U		<0.0028	U	
		VMP-20-10-110111	11/1/2011	0.023			0.0018	J		<0.0057	U		<0.0088	U		<0.0033	U		<0.0019	U	
		VMP-20-10-012312	1/23/2012	0.0099			0.045			<0.006	U		<0.0092	U		<0.0035	U		<0.002	U	
		VMP-20-10-041012	4/10/2012	0.086			0.0043			<0.0057	U		<0.0088	U		<0.033	U		<0.0019	U	
		VMP-20-10-071112	7/11/2012	0.035			0.0033			<0.0066	U		<0.01	U		<0.038	U		<0.0022	U	
		VMP-20-10-100412	10/4/2012	0.017	J		0.005			<0.009	U		<0.014	U		<0.052	U		<0.003	U	
		VMP-20-10-012213	1/22/2013	0.012	J		0.0018	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U	
		VMP-20-10-041913	4/19/2013	0.0091	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U	
	25 ft	VMP-20-25-031411	3/14/2011	0.01	J		0.35			<0.008	U		<0.012	U		<0.0046	U		<0.0026	U	
		VMP-20-25-041511	4/15/2011	<0.13	U		<0.044	U		<0.092	U		<0.14	U		<0.054	U		<0.03	U	
		VMP-20-25-072611	7/26/2011	<0.87	U		0.18	J		<0.62	U		<0.95	U		<0.36	U		<0.2	U	
		VMP-20-25-110511	11/5/2011	0.042			0.004			<0.0056	U		<0.0087	J	U	<0.0033	U		<0.0018	U	
		VMP-20-25-012312	1/23/2012	0.0091			0.0042			<0.0063	U		<0.0097	U		<0.0036	U		<0.0021	U	
		VMP-20-25-041012	4/10/2012	0.055			0.004			<0.0059	U		<0.009	U		<0.034	U		<0.0019	U	
		VMP-20-25-041012-Dup	4/10/2012	0.054			0.0041			<0.006	U		<0.0092	U		<0.035	U		<0.002	U	
		VMP-20-25-071112	7/11/2012	0.034			0.001	J		<0.0067	U		<0.01	U		<0.039	U		<0.0022	U	
		VMP-20-25-100412	10/4/2012	0.033	J		0.0014	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U	
		VMP-20-25-012213	1/22/2013	0.011	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	J	U	<0.0027	U	
		VMP-20-25-041913	4/19/2013	0.012	J		0.0029	J		<0.0089	U		<0.014	U		<0.052	U		<0.003	U	
	39.5 ft	VMP-20-39.5-100412	10/4/2012	44			0.28	J		<2.4	U		<3.7	U		<14	U		<0.8	U	
		VMP-20-39.5-012313	1/23/2013	<2	U		0.24	J		<1.4	U		<2.1	U		<0.8	U		<0.46	U	
		VMP-20-39.5-041913	4/19/2013	<1.6	U		0.18	J		<1.1	U		<1.7	U		<0.64	U		<0.36	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Butane			Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			2-Butanone			Carbon disulfide		
																6400			780		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-19	5 ft	VMP-19-5	6/18/2010													0.0054			<0.004	J	U
		VMP-19-5-090110	9/1/2010													0.013			<0.004	J	U
		VMP-19-5-111510	11/15/2010													0.0013	J		0.0013	J	
		VMP-19-5-020411	2/4/2011													<0.0036	U		<0.0038	J	U
		VMP-19-5-040711	4/7/2011	0.0052	J											0.0017	J		0.0013	J	
		VMP-19-5-080911	8/9/2011	0.068		J										0.017	J		<0.018	J	U
		VMP-19-5-080911-DUP	8/9/2011	0.043		J										0.018			<0.018	J	U
		VMP-19-5-110811	11/8/2011	0.015												0.0036	J		<0.012	U	
		VMP-19-5-012612	1/26/2012	0.0061	J											0.0012	J		<0.011	U	
		VMP-19-5-041012	4/10/2012	0.0037	J											0.06			<0.012	U	
		VMP-19-5-071112	7/11/2012	<0.011	U											0.03			<0.014	U	
		VMP-19-5-100912	10/9/2012	<0.014	U											<0.017	U		0.0028	J	
		VMP-19-5-013113	1/31/2013	0.057												<0.015	U		<0.016	J	U
		VMP-19-5-043013	4/30/2013	<0.016	U											<0.02	U		<0.021	J	U
VMP-20	5 ft	VMP-20-5-031411	3/14/2011													0.0026	J		0.1		
		VMP-20-5-041511	4/15/2011	17												<0.16	U		0.024	J	
		VMP-20-5-072511	7/25/2011	<0.013	U											0.016			0.011	J	
		VMP-20-5-110111	11/1/2011	0.004	J											0.0037	J		<0.01	J	U
		VMP-20-5-012312	1/23/2012	0.14												0.0054	J		0.0058	J	
		VMP-20-5-041012	4/10/2012	0.0037	J											0.031			<0.011	U	
		VMP-20-5-071112	7/11/2012	<0.011	U											0.0039	J		0.012	J	
		VMP-20-5-073112	7/31/2012	<0.0093	U											0.023			<0.012	U	
		VMP-20-5-100412	10/4/2012	<0.014	U											<0.017	U		0.0047	J	J
		VMP-20-5-020713	2/7/2013	0.51												0.0028	J		<0.015	J	U
		VMP-20-5-041913	4/19/2013	0.041												<0.015	U		<0.016	J	U
	10 ft	VMP-20-10-031411	3/14/2011													0.0035	J		0.0041	J	
		VMP-20-10-041511	4/15/2011	1.1												<0.14	U		<0.038	U	
		VMP-20-10-072511	7/25/2011	<0.012	U											0.018			<0.016	J	U
		VMP-20-10-110111	11/1/2011	<0.0081	U											0.0019	J		<0.011	J	U
		VMP-20-10-012312	1/23/2012	<0.0085	U											0.0029	J		<0.011	J	U
		VMP-20-10-041012	4/10/2012	0.0033	J											0.06			0.0015	J	J
		VMP-20-10-071112	7/11/2012	<0.0093	U											0.0077	J		0.0045	J	
		VMP-20-10-100412	10/4/2012	<0.013	U											<0.016	U		<0.017	U	
		VMP-20-10-012213	1/22/2013	<0.012	U											<0.014	U		<0.015	J	U
		VMP-20-10-041913	4/19/2013	0.0075	J											<0.015	U		<0.016	J	U
	25 ft	VMP-20-25-031411	3/14/2011													0.0011	J		<0.015	J	U
		VMP-20-25-041511	4/15/2011	0.58												<0.16	U		<0.043	U	
		VMP-20-25-072611	7/26/2011	<0.87	U											<1.1	U		<0.29	U	
		VMP-20-25-110511	11/5/2011	<0.008	U											0.0085	J		<0.01	J	U
		VMP-20-25-012312	1/23/2012	<0.0089	U											0.0042	J		<0.012	J	U
		VMP-20-25-041012	4/10/2012	0.0074	J											0.039			<0.011	U	
		VMP-20-25-041012-Dup	4/10/2012	0.0067	J											0.037			<0.011	U	
		VMP-20-25-071112	7/11/2012	<0.0096	U											0.006	J		0.0068	J	
		VMP-20-25-100412	10/4/2012	<0.014	U											<0.017	U		<0.018	U	
		VMP-20-25-012213	1/22/2013	0.003	J											<0.014	U		<0.015	J	U
		VMP-20-25-041913	4/19/2013	0.0064	J											<0.016	U		<0.017	J	U
	39.5 ft	VMP-20-39.5-100412	10/4/2012	1.5	J											<4.2	U		4.2	J	
		VMP-20-39.5-012313	1/23/2013	12												<2.4	U		<0.64	U	
		VMP-20-39.5-041913	4/19/2013	1	J											<1.9	U		<0.51	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane		
				0.21			69			57000						0.11					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-19	5 ft	VMP-19-5	6/18/2010	<0.008	U		<0.006	U		<0.012	U		<0.003	U		0.00085	J		<0.011	U	
		VMP-19-5-090110	9/1/2010	<0.0081	U		<0.0059	J	U	<0.011	U		<0.0034	U		0.00094	J		<0.011	U	
		VMP-19-5-111510	11/15/2010	<0.0087	U		<0.0064	U		<0.012	U		<0.0036	U		<0.0067	U		<0.011	U	
		VMP-19-5-020411	2/4/2011	<0.0076	U		<0.0056	U		<0.01	U		<0.0032	U		<0.0059	U		<0.01	U	
		VMP-19-5-040711	4/7/2011	<0.0085	U		0.00072	J		<0.012	U		<0.014	U		<0.0066	U		<0.011	U	
		VMP-19-5-080911	8/9/2011	<0.0093	U		<0.0068	J	U	<0.013	U		<0.016	U		<0.0072	U		<0.012	U	
		VMP-19-5-080911-DUP	8/9/2011	<0.0089	U		<0.0065	J	U	<0.012	U		<0.015	U		<0.0069	U		<0.012	U	
		VMP-19-5-110811	11/8/2011	<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.0081	U	
		VMP-19-5-012612	1/26/2012	<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		<0.0042	U		<0.0071	U	
		VMP-19-5-041012	4/10/2012	<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U	
		VMP-19-5-071112	7/11/2012	<0.007	U		<0.0051	U		<0.0095	U		<0.012	U		<0.0054	U		<0.023	U	
		VMP-19-5-100912	10/9/2012	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U	
		VMP-19-5-013113	1/31/2013	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U	
		VMP-19-5-043013	4/30/2013	<0.011	U		<0.0078	U		<0.014	U		<0.018	U		<0.0083	U		<0.035	U	
VMP-20	5 ft	VMP-20-5-031411	3/14/2011	<0.0076	U		0.038			<0.01	U		<0.013	U		0.031			<0.01	U	
		VMP-20-5-041511	4/15/2011	<0.084	U		<0.061	U		<0.11	U		<0.14	U		<0.065	U		<0.11	U	
		VMP-20-5-072511	7/25/2011	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0012	J		0.0036	J	
		VMP-20-5-110111	11/1/2011	<0.0051	U		<0.0037	U		<0.0068	U		<0.0085	U		<0.0039	U		0.014		
		VMP-20-5-012312	1/23/2012	<0.024	U		<0.018	J	U	<0.033	U		<0.041	U		<0.019	U		<0.032	U	
		VMP-20-5-041012	4/10/2012	<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		0.007	J	
		VMP-20-5-071112	7/11/2012	<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U	
		VMP-20-5-073112	7/31/2012	<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		0.0016	J	
		VMP-20-5-100412	10/4/2012	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U	
		VMP-20-5-020713	2/7/2013	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U	
		VMP-20-5-041913	4/19/2013	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U	
	10 ft	VMP-20-10-031411	3/14/2011	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0049	J		<0.01	U	
		VMP-20-10-041511	4/15/2011	<0.076	U		<0.056	U		<0.1	U		<0.13	U		<0.059	U		<0.1	U	
		VMP-20-10-072511	7/25/2011	<0.0081	U		0.00079	J		<0.011	U		<0.014	U		0.0033	J		<0.011	U	
		VMP-20-10-110111	11/1/2011	<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		<0.0042	U		<0.0071	U	
		VMP-20-10-012312	1/23/2012	<0.0056	U		<0.0041	J	U	<0.0076	U		<0.0094	U		<0.0044	U		<0.0074	U	
		VMP-20-10-041012	4/10/2012	<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		<0.0042	U		0.0051	J	
		VMP-20-10-071112	7/11/2012	<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		0.0031	J	
		VMP-20-10-100412	10/4/2012	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U	
		VMP-20-10-012213	1/22/2013	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U	
		VMP-20-10-041913	4/19/2013	<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U	
	25 ft	VMP-20-25-031411	3/14/2011	<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.0099	U	
		VMP-20-25-041511	4/15/2011	<0.087	U		<0.064	U		<0.12	U		<0.14	U		<0.067	U		<0.11	U	
		VMP-20-25-072611	7/26/2011	<0.58	U		<0.42	U		<0.78	U		<0.97	U		<0.45	U		<0.76	U	
		VMP-20-25-110511	11/5/2011	<0.0053	U		<0.0039	J	U	<0.0072	U		<0.0089	U		<0.0041	U		<0.0069	U	
		VMP-20-25-012312	1/23/2012	<0.0059	U		<0.0043	J	U	<0.008	U		<0.0099	U		<0.0046	U		<0.0077	U	
		VMP-20-25-041012	4/10/2012	<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		<0.018	U	
		VMP-20-25-041012-Dup	4/10/2012	<0.0056	U		<0.0041	U		<0.0076	U		<0.0094	U		<0.0044	U		<0.018	U	
		VMP-20-25-071112	7/11/2012	<0.0063	U		<0.0046	U		<0.0086	U		<0.011	U		<0.0049	U		<0.021	U	
		VMP-20-25-100412	10/4/2012	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U	
		VMP-20-25-012213	1/22/2013	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U	
		VMP-20-25-041913	4/19/2013	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U	
	39.5 ft	VMP-20-39.5-100412	10/4/2012	<2.3	U		<1.7	U		<3.1	U		<3.8	U		<1.8	U		1.5	J	
		VMP-20-39.5-012313	1/23/2013	<1.3	U		<0.95	U		<1.8	U		<2.2	U		<1	U		<1.7	U	
		VMP-20-39.5-041913	4/19/2013	<1	U		<0.76	U		<1.4	U		<1.7	U		<0.8	U		<1.4	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	alpha-Chlorotoluene			Cyclobutane, ethyl-			Cyclohexane			Cyclopentane, methyl-			1,2-Dibromoethane			1,2-Dichlorobenzene		
																0.011			290		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-19	5 ft	VMP-19-5	6/18/2010	<0.007	U					0.0025	J					<0.01	U		<0.008	U	
		VMP-19-5-090110	9/1/2010	<0.0067	U					0.049						<0.0099	U		0.0019	J	
		VMP-19-5-111510	11/15/2010	<0.0071	U					0.0012	J					<0.011	U		<0.0083	U	
		VMP-19-5-020411	2/4/2011	<0.0063	J	U				0.0065						<0.0093	J	U	<0.0073	J	U
		VMP-19-5-040711	4/7/2011	<0.007	U					0.0043	J					0.0012	J		0.00068	J	
		VMP-19-5-080911	8/9/2011	<0.0077	J	U				0.05		J				<0.011	J	U	<0.0089	J	U
		VMP-19-5-080911-DUP	8/9/2011	<0.0073	J	U				0.035		J				<0.011	J	U	<0.0085	J	U
		VMP-19-5-110811	11/8/2011	<0.0051	U					<0.0034	U					<0.0075	U		<0.0059	U	
		VMP-19-5-012612	1/26/2012	<0.0044	U					<0.0029	U					<0.0066	U		<0.0051	U	
		VMP-19-5-041012	4/10/2012	<0.0051	U					0.0046						<0.0075	U		<0.0059	U	
		VMP-19-5-071112	7/11/2012	<0.0058	U	UJ				<0.0038	U					<0.0086	U		<0.0067	U	
		VMP-19-5-100912	10/9/2012	<0.0077	U					<0.0051	U					<0.011	U		<0.0089	U	
		VMP-19-5-013113	1/31/2013	<0.0067	U					0.012						<0.0099	U		<0.0078	U	
		VMP-19-5-043013	4/30/2013	<0.0088	U					<0.0058	U					<0.013	U		<0.01	U	
VMP-20	5 ft	VMP-20-5-031411	3/14/2011	<0.0063	U					0.052						<0.0093	U		<0.0073	U	
		VMP-20-5-041511	4/15/2011	<0.069	U					1.2						<0.1	U		<0.08	U	
		VMP-20-5-072511	7/25/2011	<0.0073	U	UJ				<0.0048	U					<0.011	J	U	<0.0085	U	
		VMP-20-5-110111	11/1/2011	<0.0042	U					0.0011	J					<0.0062	U		<0.0048	U	
		VMP-20-5-012312	1/23/2012	<0.02	U					0.48						<0.03	U		<0.023	U	
		VMP-20-5-041012	4/10/2012	<0.0045	U					0.0093						<0.0067	U		<0.0053	U	
		VMP-20-5-071112	7/11/2012	<0.006	U	UJ				<0.004	U					<0.009	U		<0.007	U	
		VMP-20-5-073112	7/31/2012	<0.0051	U					0.0018	J					<0.0075	U		<0.0059	U	
		VMP-20-5-100412	10/4/2012	<0.0075	U					<0.005	U					<0.011	U		<0.0087	U	
		VMP-20-5-020713	2/7/2013	<0.0064	U					<0.0042	U					<0.0095	U		<0.0074	U	
		VMP-20-5-041913	4/19/2013	<0.0065	U					0.0068						<0.0096	U		<0.0075	U	
	10 ft	VMP-20-10-031411	3/14/2011	<0.0063	U					0.0041						<0.0093	U		<0.0073	U	
		VMP-20-10-041511	4/15/2011	<0.063	U					0.27						<0.093	U		<0.073	U	
		VMP-20-10-072511	7/25/2011	<0.0067	U	UJ				<0.0044	U					<0.0099	U		0.0014	J	
		VMP-20-10-110111	11/1/2011	<0.0044	U					<0.0029	U					<0.0066	U		<0.0051	U	
		VMP-20-10-012312	1/23/2012	<0.0046	U					0.0046						<0.0069	U		<0.0054	U	
		VMP-20-10-041012	4/10/2012	<0.0044	U					0.012						<0.0066	U		<0.0051	U	
		VMP-20-10-071112	7/11/2012	<0.0051	U	UJ				<0.0034	U					<0.0075	U		<0.0059	U	
		VMP-20-10-100412	10/4/2012	<0.007	U					<0.0046	U					<0.01	U		<0.0081	U	
		VMP-20-10-012213	1/22/2013	<0.0064	U					<0.0042	U					<0.0095	U		<0.0074	U	
		VMP-20-10-041913	4/19/2013	<0.0066	U					<0.0044	U					<0.0098	U		<0.0077	U	
	25 ft	VMP-20-25-031411	3/14/2011	<0.0062	U					0.0019	J					<0.0092	U		<0.0072	U	
		VMP-20-25-041511	4/15/2011	<0.071	U					0.23						<0.11	U		<0.083	U	
		VMP-20-25-072611	7/26/2011	<0.48	U	UJ				<0.32	U					<0.71	U		<0.55	U	
		VMP-20-25-110511	11/5/2011	<0.0043	U					<0.0029	U					<0.0064	U		<0.005	U	
		VMP-20-25-012312	1/23/2012	<0.0048	U					<0.0032	U					<0.0072	U		<0.0056	U	
		VMP-20-25-041012	4/10/2012	<0.0045	U					0.0021	J					<0.0067	U		<0.0053	U	
		VMP-20-25-041012-Dup	4/10/2012	<0.0046	U					0.0021	J					<0.0069	U		<0.0054	U	
		VMP-20-25-071112	7/11/2012	<0.0052	U	UJ				0.0011	J					<0.0077	U		<0.006	U	
		VMP-20-25-100412	10/4/2012	<0.0077	U					<0.0051	U					<0.011	U		<0.0089	U	
		VMP-20-25-012213	1/22/2013	<0.0064	U					<0.0042	U					<0.0095	U		<0.0074	U	
		VMP-20-25-041913	4/19/2013	<0.0069	U					0.0023	J					<0.01	U		<0.008	U	
	39.5 ft	VMP-20-39.5-100412	10/4/2012	<1.9	U					<1.2	U					<2.8	U		<2.2	U	
		VMP-20-39.5-012313	1/23/2013	<1.1	U					<0.71	U					<1.6	U		<1.2	U	
		VMP-20-39.5-041913	4/19/2013	<0.85	U					0.47	J					<1.3	U		<0.99	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
							1200						690			0.099			240		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-19	5 ft	VMP-19-5	6/18/2010	<0.008	U		<0.008	U		0.0021	J		<0.005	U		<0.005	U		<0.005	U	
		VMP-19-5-090110	9/1/2010	<0.0078	J	U	<0.0078	J	U	0.0028	J		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-19-5-111510	11/15/2010	<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-19-5-020411	2/4/2011	<0.0073	J	U	<0.0073	J	U	0.0028	J		<0.0049	U		0.0009	J		<0.0048	U	
		VMP-19-5-040711	4/7/2011	<0.0081	U		0.00088	J		0.0021	J		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-19-5-080911	8/9/2011	<0.0089	J	U	<0.0089	J	U	0.0027	J		<0.006	U		<0.006	J	U	<0.0059	U	
		VMP-19-5-080911-DUP	8/9/2011	<0.0085	J	U	<0.0085	J	U	0.0026	J		<0.0057	U		<0.0057	J	U	<0.0056	U	
		VMP-19-5-110811	11/8/2011	<0.0059	U		<0.0059	U		0.0019	J		<0.004	U		<0.004	U		<0.0039	U	
		VMP-19-5-012612	1/26/2012	<0.0051	U		<0.0051	U		0.0026	J		<0.0035	U		<0.0035	U		<0.0034	U	
		VMP-19-5-041012	4/10/2012	<0.0059	U		<0.0059	J	U	0.002	J		<0.004	U		<0.004	U		<0.0039	U	
		VMP-19-5-071112	7/11/2012	<0.0067	U		<0.0067	U		<0.0055	U		<0.0045	U		<0.0045	U		<0.0044	U	
		VMP-19-5-100912	10/9/2012	<0.0089	U		<0.0089	J	U	0.0028	J		<0.006	U		<0.006	U		<0.0059	U	
		VMP-19-5-013113	1/31/2013	<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-19-5-043013	4/30/2013	<0.01	U		<0.01	U		0.0024	J		<0.0069	U		<0.0069	U		<0.0067	U	
VMP-20	5 ft	VMP-20-5-031411	3/14/2011	<0.0073	U		<0.0073	U		0.003	J		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-20-5-041511	4/15/2011	<0.08	U		<0.08	U		<0.066	U		<0.054	U		<0.054	U		<0.053	U	
		VMP-20-5-072511	7/25/2011	0.0013	J		<0.0085	J	U	0.0022	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-20-5-110111	11/1/2011	<0.0048	U		<0.0048	U		0.002	J		<0.0032	U		<0.0032	U		<0.0032	U	
		VMP-20-5-012312	1/23/2012	<0.023	U		<0.023	U		<0.019	U		<0.016	U		<0.016	U		<0.015	U	
		VMP-20-5-041012	4/10/2012	<0.0053	U		<0.0053	U		0.0018	J		<0.0035	U		<0.0035	U		<0.0035	U	
		VMP-20-5-071112	7/11/2012	<0.007	U		<0.007	U		<0.0058	U		<0.0047	U		<0.0047	U		<0.0046	U	
		VMP-20-5-073112	7/31/2012	<0.0059	U		<0.0059	U		0.0024	J		<0.004	U		<0.004	U		<0.0039	U	
		VMP-20-5-100412	10/4/2012	<0.0087	U		<0.0087	U		0.0023	J		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-20-5-020713	2/7/2013	<0.0074	U		<0.0074	U		0.0028	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-20-5-041913	4/19/2013	<0.0075	J	U	<0.0075	J	U	0.0028	J		<0.0051	U		<0.0051	U		<0.005	U	
	10 ft	VMP-20-10-031411	3/14/2011	<0.0073	U		<0.0073	U		0.0028	J		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-20-10-041511	4/15/2011	<0.073	U		<0.073	U		<0.06	U		<0.049	U		<0.049	U		<0.048	U	
		VMP-20-10-072511	7/25/2011	0.0019	J		0.0018	J		0.0025	J		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-20-10-110111	11/1/2011	<0.0051	U		<0.0051	U		0.0025	J		<0.0035	U		<0.0035	U		<0.0034	U	
		VMP-20-10-012312	1/23/2012	<0.0054	J	U	<0.0054	U		0.0033	J		<0.0036	U		<0.0036	U		<0.0035	U	
		VMP-20-10-041012	4/10/2012	<0.0051	U		<0.0051	U		0.0022	J		<0.0035	U		<0.0035	U		<0.0034	U	
		VMP-20-10-071112	7/11/2012	<0.0059	U		<0.0059	U		0.0019	J		<0.004	U		<0.004	U		<0.0039	U	
		VMP-20-10-100412	10/4/2012	<0.0081	U		<0.0081	J	U	0.0027	J		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-20-10-012213	1/22/2013	<0.0074	J	U	<0.0074	J	U	0.0026	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-20-10-041913	4/19/2013	<0.0077	J	U	<0.0077	J	U	0.0022	J		<0.0052	U		<0.0052	U		<0.0051	U	
	25 ft	VMP-20-25-031411	3/14/2011	<0.0072	U		<0.0072	U		0.0032	J		<0.0048	U		<0.0048	U		<0.0047	U	
		VMP-20-25-041511	4/15/2011	<0.083	U		<0.083	U		<0.068	U		<0.056	U		<0.056	U		<0.055	U	
		VMP-20-25-072611	7/26/2011	<0.55	U		<0.55	U		<0.45	U		<0.37	U		<0.37	U		<0.36	U	
		VMP-20-25-110511	11/5/2011	<0.005	U		<0.005	U		0.0026	J		<0.0034	U		<0.0034	U		<0.0033	U	
		VMP-20-25-012312	1/23/2012	<0.0056	U		<0.0056	U		0.0031	J		<0.0038	U		<0.0038	U		<0.0037	U	
		VMP-20-25-041012	4/10/2012	<0.0053	U		<0.0053	U		0.0021	J		<0.0035	U		<0.0035	U		<0.0035	U	
		VMP-20-25-041012-Dup	4/10/2012	<0.0054	U		<0.0054	U		0.0026	J		<0.0036	U		<0.0036	U		<0.0035	U	
		VMP-20-25-071112	7/11/2012	<0.006	U		<0.006	U		0.0025	J		<0.0041	U		<0.0041	U		<0.004	U	
		VMP-20-25-100412	10/4/2012	<0.0089	U		<0.0089	U		0.0025	J		<0.006	U		<0.006	U		<0.0059	U	
		VMP-20-25-012213	1/22/2013	<0.0074	J	U	<0.0074	J	U	0.0026	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-20-25-041913	4/19/2013	<0.008	J	U	<0.008	J	U	0.0025	J		<0.0054	U		<0.0054	U		<0.0053	U	
	39.5 ft	VMP-20-39.5-100412	10/4/2012	<2.2	U		0.29	J		<1.8	U		<1.5	U		<1.5	U		<1.4	U	
		VMP-20-39.5-012313	1/23/2013	<1.2	U		<1.2	U		<1	U		<0.84	U		<0.84	U		<0.82	U	
		VMP-20-39.5-041913	4/19/2013	<0.99	U		<0.99	U		<0.81	U		<0.66	U		<0.66	U		<0.65	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene		
				1100000			85			5.6			0.062			0.9			0.9		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-19	5 ft	VMP-19-5	6/18/2010	<0.005	U		<0.005	U		0.0011	J		<0.006	U		<0.006	U		<0.006	U	
		VMP-19-5-090110	9/1/2010	<0.0051	U		<0.0051	U		<0.0045	J	U	<0.006	U		<0.0058	U		<0.0058	U	
		VMP-19-5-111510	11/15/2010	<0.0055	U		<0.0055	U		0.0012	J		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-19-5-020411	2/4/2011	<0.0048	U		<0.0048	U		<0.0042	U		<0.0056	U		<0.0055	U		<0.0055	U	
		VMP-19-5-040711	4/7/2011	<0.0054	U		<0.0054	U		0.00093	J		<0.0062	U		<0.0061	U		<0.0061	U	
		VMP-19-5-080911	8/9/2011	<0.0059	U		<0.0059	U		<0.0051	U		<0.0068	U		<0.0067	U		<0.0067	J	U
		VMP-19-5-080911-DUP	8/9/2011	<0.0056	U		<0.0056	U		0.0016	J		<0.0065	U		<0.0064	U		<0.0064	J	U
		VMP-19-5-110811	11/8/2011	<0.0039	U		<0.0039	U		0.0084			<0.0045	U		<0.0044	U		<0.0044	U	
		VMP-19-5-012612	1/26/2012	<0.0034	U		<0.0034	U		0.0035			<0.004	U		<0.0039	U		<0.0039	U	
		VMP-19-5-041012	4/10/2012	<0.0039	U		<0.0039	U		<0.034	J	U	0.0011	J		<0.0044	U		<0.0044	J	U
		VMP-19-5-071112	7/11/2012	<0.0044	U		<0.0044	U		0.0012	J		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-19-5-100912	10/9/2012	<0.0059	U		<0.0059	U		0.0029	J		<0.0068	U		<0.0067	U		<0.0067	J	U
		VMP-19-5-013113	1/31/2013	<0.0051	U		<0.0051	U		<0.045	J	U	<0.006	U		<0.0058	U		<0.0058	U	
		VMP-19-5-043013	4/30/2013	<0.0067	U		<0.0067	U		<0.059	U		<0.0078	U		<0.0077	U		<0.0077	U	
VMP-20	5 ft	VMP-20-5-031411	3/14/2011	<0.0048	U		<0.0048	U		<0.0042	J	U	<0.0056	U		<0.0055	U		<0.0055	U	
		VMP-20-5-041511	4/15/2011	<0.053	U		<0.053	U		<0.046	U	UJ	<0.061	U		<0.06	U		<0.06	U	
		VMP-20-5-072511	7/25/2011	<0.0056	U		<0.0056	U	UJ	<0.0049	U		<0.0065	U		<0.0064	U		<0.0064	J	U
		VMP-20-5-110111	11/1/2011	<0.0032	U		<0.0032	U		<0.0028	J	U	<0.0037	U		<0.0036	U		<0.0036	U	
		VMP-20-5-012312	1/23/2012	<0.015	U		<0.015	U		<0.013	U		<0.018	U		<0.018	U		<0.018	U	
		VMP-20-5-041012	4/10/2012	<0.0035	U		<0.0035	U		<0.03	J	U	0.00084	J		<0.004	U		<0.004	U	
		VMP-20-5-071112	7/11/2012	<0.0046	U		<0.0046	U		0.0016	J		<0.0054	U		<0.0053	U		<0.0053	U	
		VMP-20-5-073112	7/31/2012	<0.0039	U		<0.0039	U		<0.034	J	U	<0.0045	U		<0.0044	U		<0.0044	U	
		VMP-20-5-100412	10/4/2012	<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-20-5-020713	2/7/2013	<0.0049	U		<0.0049	U		<0.043	J	U	<0.0057	U		<0.0056	U		<0.0056	U	
		VMP-20-5-041913	4/19/2013	<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U	
	10 ft	VMP-20-10-031411	3/14/2011	<0.0048	U		<0.0048	U		<0.0042	U		<0.0056	U		<0.0055	U		<0.0055	U	
		VMP-20-10-041511	4/15/2011	<0.048	U		<0.048	U		0.018	J	J	<0.056	U		<0.055	U		<0.055	U	
		VMP-20-10-072511	7/25/2011	<0.0051	U		<0.0051	U		<0.0045	J	U	<0.006	U		<0.0058	U		<0.0058	J	UJ
		VMP-20-10-110111	11/1/2011	<0.0034	U		<0.0034	U		0.0037			<0.004	U		<0.0039	U		<0.0039	U	
		VMP-20-10-012312	1/23/2012	<0.0035	U		<0.0035	U		<0.0031	J	U	<0.0041	U		<0.0041	U		<0.0041	J	U
		VMP-20-10-041012	4/10/2012	<0.0034	U		<0.0034	U		<0.03	J	U	0.001	J		<0.0039	U		<0.0039	U	
		VMP-20-10-071112	7/11/2012	<0.0039	U		<0.0039	U		0.0014	J		<0.0045	U		<0.0044	U		<0.0044	U	
		VMP-20-10-100412	10/4/2012	<0.0053	U		<0.0053	U		<0.047	J	U	<0.0062	U		<0.0061	U		<0.0061	U	
		VMP-20-10-012213	1/22/2013	<0.0049	U		<0.0049	U		<0.043	J	U	<0.0057	U		<0.0056	U		<0.0056	U	
		VMP-20-10-041913	4/19/2013	<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U	
	25 ft	VMP-20-25-031411	3/14/2011	<0.0047	U		<0.0047	U		<0.0042	U		<0.0055	U		<0.0054	U		<0.0054	U	
		VMP-20-25-041511	4/15/2011	<0.055	U		<0.055	U		<0.048	U	UJ	<0.064	U		<0.063	U		<0.063	U	
		VMP-20-25-072611	7/26/2011	<0.36	U		<0.36	U		<0.32	U		<0.42	U		<0.42	U		<0.42	U	UJ
		VMP-20-25-110511	11/5/2011	0.00075	J		<0.0033	U		0.0017	J		<0.0039	U		<0.0038	U		<0.0038	U	
		VMP-20-25-012312	1/23/2012	<0.0037	U		<0.0037	U		<0.0032	J	U	<0.0043	U		<0.0042	U		<0.0042	U	
		VMP-20-25-041012	4/10/2012	<0.0035	U		<0.0035	U		<0.03	J	U	<0.004	U		<0.004	U		<0.004	U	
		VMP-20-25-041012-Dup	4/10/2012	<0.0035	U		<0.0035	U		0.0009	J		<0.0041	U		<0.0041	U		<0.0041	U	
		VMP-20-25-071112	7/11/2012	<0.004	U		<0.004	U		<0.035	U		<0.0046	U		<0.0046	U		<0.0046	U	
		VMP-20-25-100412	10/4/2012	<0.0059	U		<0.0059	U		<0.051	J	U	<0.0068	U		<0.0067	U		<0.0067	U	
		VMP-20-25-012213	1/22/2013	<0.0049	U		<0.0049	U		<0.043	J	U	<0.0057	U		<0.0056	U		<0.0056	U	
		VMP-20-25-041913	4/19/2013	<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U	
	39.5 ft	VMP-20-39.5-100412	10/4/2012	<1.4	U		<1.4	U		1	J		<1.7	U		<1.6	U		<1.6	U	
		VMP-20-39.5-012313	1/23/2013	<0.82	U		<0.82	U		0.13	J		<0.95	U		<0.94	U		<0.94	U	
		VMP-20-39.5-041913	4/19/2013	<0.65	U		<0.65	U		0.06	J		<0.76	U		<0.75	U		<0.75	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 113		
				0.22						1400											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-19	5 ft	VMP-19-5	6/18/2010	<0.02	U		0.0064	J		<0.005	U		<0.006	U		<0.01	U		<0.01	U	
		VMP-19-5-090110	9/1/2010	<0.018	U		0.01			0.0086		J	<0.0063	U		<0.0099	U	U	<0.0099	U	U
		VMP-19-5-111510	11/15/2010	<0.02	U		0.024			0.003	J		<0.0068	U		<0.01	U		<0.01	U	
		VMP-19-5-020411	2/4/2011	<0.017	U		0.015			0.00074	J		<0.0059	U		<0.0093	U		<0.0093	U	
		VMP-19-5-040711	4/7/2011	<0.019	U		0.0058	J		0.00086	J		<0.0066	U		<0.01	U		<0.01	U	
		VMP-19-5-080911	8/9/2011	<0.021	U		0.047		J	0.0051	J		<0.0073	J	U	<0.011	U		<0.011	U	
		VMP-19-5-080911-DUP	8/9/2011	<0.02	U		0.078		J	0.0051	J		<0.0069	U		<0.011	U		<0.011	U	
		VMP-19-5-110811	11/8/2011	<0.014	U		0.021			<0.0042	U		<0.0048	U		<0.0075	U		<0.0075	U	
		VMP-19-5-012612	1/26/2012	<0.012	U		0.013			0.003	J		<0.0042	U		<0.0066	U		<0.0066	U	
		VMP-19-5-041012	4/10/2012	<0.014	U		0.031			0.0031	J		<0.0048	U		<0.0075	U		<0.0075	U	
		VMP-19-5-071112	7/11/2012	<0.016	U		0.038			0.0032	J		<0.0055	J	U	<0.0085	U		<0.0085	U	
		VMP-19-5-100912	10/9/2012	<0.021	U		<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.011	U	
		VMP-19-5-013113	1/31/2013	<0.018	U		0.022			0.042			0.092			<0.0099	U		<0.0099	U	
		VMP-19-5-043013	4/30/2013	<0.024	U		0.0058	J		0.0026	J		<0.0084	U		<0.013	U		<0.013	U	
VMP-20	5 ft	VMP-20-5-031411	3/14/2011	<0.017	U		0.11	J	J	0.014			0.0028	J		<0.0093	U		<0.0093	U	
		VMP-20-5-041511	4/15/2011	<0.19	U		<0.1	U		<0.058	U		<0.065	U		<0.1	U		<0.1	U	
		VMP-20-5-072511	7/25/2011	0.0052	J		0.018			0.0015	J		<0.0069	U		<0.011	U		<0.011	U	
		VMP-20-5-110111	11/1/2011	<0.012	U		0.033			0.003	J		<0.004	J	U	<0.0062	U		<0.0062	U	
		VMP-20-5-012312	1/23/2012	<0.056	U		0.021	J		0.0073	J		<0.019	U		<0.03	U		<0.03	U	
		VMP-20-5-041012	4/10/2012	0.0038	J		0.05			0.0011	J		<0.0043	U		<0.0067	U		<0.0067	U	
		VMP-20-5-071112	7/11/2012	<0.017	U		0.0061	J		<0.005	U		<0.0057	J	U	<0.0089	U		<0.0089	U	
		VMP-20-5-073112	7/31/2012	<0.014	U		0.037			0.0027	J		0.00076	J		<0.0075	U		<0.0075	U	
		VMP-20-5-100412	10/4/2012	<0.021	U		<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.011	U	
		VMP-20-5-020713	2/7/2013	<0.018	U		0.0064	J		0.002	J		0.017			<0.0095	U		<0.0095	U	
		VMP-20-5-041913	4/19/2013	<0.018	U		<0.0094	U		0.0059			0.0091		J	<0.0096	U		<0.0096	U	
	10 ft	VMP-20-10-031411	3/14/2011	<0.017	U		0.0034	J	J	0.0089			0.0026	J		<0.0093	U		<0.0093	U	
		VMP-20-10-041511	4/15/2011	<0.17	U		0.012	J		<0.052	U		<0.059	U		<0.093	U		<0.093	U	
		VMP-20-10-072511	7/25/2011	<0.018	U		0.013			0.0014	J		0.0023	J		<0.0099	U		<0.0099	U	
		VMP-20-10-110111	11/1/2011	<0.012	U		0.01			<0.0037	U		<0.0042	U		<0.0066	U		<0.0066	U	
		VMP-20-10-012312	1/23/2012	<0.013	U		0.016			0.0024	J		0.001	J		<0.0068	U		<0.0068	U	
		VMP-20-10-041012	4/10/2012	<0.012	U		0.071			0.0015	J		<0.0042	U		<0.0066	U		<0.0066	U	
		VMP-20-10-071112	7/11/2012	<0.014	U		0.0053	J		<0.0042	U		<0.0048	J	U	<0.0075	U		<0.0075	U	
		VMP-20-10-100412	10/4/2012	<0.019	U		<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.01	U	
		VMP-20-10-012213	1/22/2013	<0.018	U		0.004	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0095	U	
		VMP-20-10-041913	4/19/2013	<0.018	U		<0.0096	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.0098	U	
	25 ft	VMP-20-25-031411	3/14/2011	<0.017	U		0.0045	J	J	<0.0052	U		<0.0059	U		<0.0092	U		<0.0092	U	
		VMP-20-25-041511	4/15/2011	<0.2	U		<0.1	U		<0.06	U		<0.068	U		<0.1	U		<0.1	U	
		VMP-20-25-072611	7/26/2011	<1.3	U		<0.69	U		<0.4	U		<0.45	U		<0.7	U		<0.7	U	
		VMP-20-25-110511	11/5/2011	<0.012	U		0.011			0.0011	J		0.0013	J		<0.0064	U		<0.0064	U	
		VMP-20-25-012312	1/23/2012	<0.013	U		0.022			0.0006	J		<0.0046	U		<0.0072	U		<0.0072	U	
		VMP-20-25-041012	4/10/2012	<0.013	U		0.047		J	0.0016	J		0.001	J		<0.0067	U		<0.0067	U	
		VMP-20-25-041012-Dup	4/10/2012	<0.013	U		0.03		J	0.0015	J		<0.0044	U		<0.0068	U		<0.0068	U	
		VMP-20-25-071112	7/11/2012	<0.014	U		0.017			<0.0044	U		<0.0049	J	U	<0.0077	U		<0.0077	U	
		VMP-20-25-100412	10/4/2012	<0.021	U		0.011	J		<0.0064	U		<0.0073	U		<0.011	U		<0.011	U	
		VMP-20-25-012213	1/22/2013	<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0095	U	
		VMP-20-25-041913	4/19/2013	<0.019	U		<0.01	U		0.0033	J		0.007		J	<0.01	U		<0.01	U	
	39.5 ft	VMP-20-39.5-100412	10/4/2012	<5.2	U		<2.7	U		<1.6	U		<1.8	U		<2.8	U		<2.8	U	
		VMP-20-39.5-012313	1/23/2013	<3	U		<1.6	U		<0.9	U		<1	U		<1.6	U		<1.6	U	
		VMP-20-39.5-041913	4/19/2013	<2.4	U		<1.2	U		<0.71	U		<0.81	U		<1.3	U		<1.3	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Freon 114			Heptadecane			Heptane			Hexachlorobutadiene			Hexane			Hexane, 2,2,4-trimethyl-		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-19	5 ft	VMP-19-5	6/18/2010	<0.009	U					0.0012	J		<0.058	U		0.0048					
		VMP-19-5-090110	9/1/2010	<0.009	U					0.088			<0.055	U	UJ	0.34					
		VMP-19-5-111510	11/15/2010	<0.0096	U					<0.0056	U		<0.059	U		0.0033	J				
		VMP-19-5-020411	2/4/2011	<0.0084	U					<0.005	U		<0.052	J	U	0.0093					
		VMP-19-5-040711	4/7/2011	<0.0094	U					<0.0055	U		<0.058	U		<0.0048	U				
		VMP-19-5-080911	8/9/2011	<0.01	U					0.036			<0.063	U		0.12		J			
		VMP-19-5-080911-DUP	8/9/2011	<0.0098	U					0.032			<0.06	U		0.085		J			
		VMP-19-5-110811	11/8/2011	<0.0068	U					<0.004	U		<0.042	U		0.00093	J				
		VMP-19-5-012612	1/26/2012	<0.006	U					0.0024	J		<0.036	U		0.0024	J				
		VMP-19-5-041012	4/10/2012	<0.0068	U					0.0037	J		<0.042	U		0.0014	J				
		VMP-19-5-071112	7/11/2012	<0.0078	U					0.0014	J		<0.048	U		0.00098	J				
		VMP-19-5-100912	10/9/2012	<0.01	U					<0.0061	U		<0.063	U		0.00097	J				
		VMP-19-5-013113	1/31/2013	<0.009	U					0.0096			<0.055	U		0.019					
		VMP-19-5-043013	4/30/2013	<0.012	U					<0.007	U		<0.072	U		<0.006	U				
VMP-20	5 ft	VMP-20-5-031411	3/14/2011	<0.0084	U					0.01			<0.052	U		0.016					
		VMP-20-5-041511	4/15/2011	<0.093	U					0.24			<0.57	U		2.4					
		VMP-20-5-072511	7/25/2011	<0.0098	U					0.00085	J		<0.06	U		0.0013	J				
		VMP-20-5-110111	11/1/2011	<0.0056	U					0.0023	J		<0.034	U		0.0047					
		VMP-20-5-012312	1/23/2012	<0.027	U					0.37			<0.16	U		1.3					
		VMP-20-5-041012	4/10/2012	<0.0061	U					0.004			<0.037	U		0.0048					
		VMP-20-5-071112	7/11/2012	<0.0081	U					<0.0048	U		<0.05	U		<0.0041	U				
		VMP-20-5-073112	7/31/2012	<0.0068	U					0.0057			<0.042	U		0.0018	J				
		VMP-20-5-100412	10/4/2012	<0.01	U					<0.0059	U		<0.062	U		0.0012	J				
		VMP-20-5-020713	2/7/2013	<0.0086	U					0.002	J		<0.053	U		0.027					
		VMP-20-5-041913	4/19/2013	<0.0088	U					0.0046	J		<0.054	U		0.01					
	10 ft	VMP-20-10-031411	3/14/2011	<0.0084	U					0.0034	J		<0.052	U		0.0049					
		VMP-20-10-041511	4/15/2011	<0.084	U					0.14			<0.52	U		0.81					
		VMP-20-10-072511	7/25/2011	<0.009	U					0.00069	J		<0.055	U		<0.0045	U				
		VMP-20-10-110111	11/1/2011	<0.006	U					<0.0035	U		<0.036	U		<0.003	U				
		VMP-20-10-012312	1/23/2012	<0.0062	U					0.0091			<0.038	U		0.006					
		VMP-20-10-041012	4/10/2012	<0.006	U					0.0048			<0.036	U		0.004					
		VMP-20-10-071112	7/11/2012	<0.0068	U					<0.004	U		<0.042	U		<0.0034	U				
		VMP-20-10-100412	10/4/2012	<0.0094	U					0.0017	J		<0.057	U		0.002	J				
		VMP-20-10-012213	1/22/2013	<0.0086	U					<0.0051	U		<0.053	U		0.0009	J				
		VMP-20-10-041913	4/19/2013	<0.0089	U					<0.0052	U		<0.055	U		<0.0045	U				
	25 ft	VMP-20-25-031411	3/14/2011	<0.0084	U					0.0022	J		<0.051	U		0.0017	J				
		VMP-20-25-041511	4/15/2011	<0.096	U					0.12			<0.59	U		0.84					
		VMP-20-25-072611	7/26/2011	<0.64	U					<0.38	U		<3.9	U		<0.32	U				
		VMP-20-25-110511	11/5/2011	<0.0059	U					<0.0034	U		<0.036	U		<0.003	J	U			
		VMP-20-25-012312	1/23/2012	<0.0065	U					0.0012	J		<0.04	U		0.0018	J				
		VMP-20-25-041012	4/10/2012	<0.0061	U					0.0058			<0.037	U		0.004					
		VMP-20-25-041012-Dup	4/10/2012	<0.0062	U					0.0033	J		<0.038	U		0.0038					
		VMP-20-25-071112	7/11/2012	<0.007	U					0.0032	J		<0.043	U		<0.0035	U				
		VMP-20-25-100412	10/4/2012	<0.01	U					<0.0061	U		<0.063	U		0.0012	J				
		VMP-20-25-012213	1/22/2013	<0.0086	U					<0.0051	U		<0.053	U		<0.0044	U				
		VMP-20-25-041913	4/19/2013	<0.0093	U					0.0025	J		<0.057	U		0.0068					
	39.5 ft	VMP-20-39.5-100412	10/4/2012	<2.5	U					<1.5	U		<15	U		<1.3	U				
		VMP-20-39.5-012313	1/23/2013	<1.4	U					<0.85	U		<8.8	U		0.068	J				
		VMP-20-39.5-041913	4/19/2013	<1.2	U					<0.67	U		<7	U		<0.58	U				

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Hexane, 3,4-dimethyl-			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
													600						3400		
				Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-19	5 ft	VMP-19-5	6/18/2010				<0.022	U					<0.006	U		<0.005	U		<0.004	U	
		VMP-19-5-090110	9/1/2010				0.0038	J	J				<0.0063	U		<0.0053	U		<0.0046	U	
		VMP-19-5-111510	11/15/2010				<0.023	U					<0.0068	U		<0.0056	U		0.0007	J	
		VMP-19-5-020411	2/4/2011				<0.02	U					<0.0059	U		<0.005	U		<0.0044	U	
		VMP-19-5-040711	4/7/2011				<0.022	U		0.025			<0.0066	U		<0.0055	U		<0.0049	U	
		VMP-19-5-080911	8/9/2011				<0.024	U		0.21		J	0.045			0.16			<0.0053	U	
		VMP-19-5-080911-DUP	8/9/2011				<0.023	U		0.14		J	0.044			0.16			<0.0051	U	
		VMP-19-5-110811	11/8/2011				0.00042	J		0.0097	J		0.0012	J		0.0087			<0.0035	U	
		VMP-19-5-012612	1/26/2012				<0.014	U		0.0027	J		0.0039	J		0.0036			<0.0031	U	
		VMP-19-5-041012	4/10/2012				0.0027	J		0.0078	J		0.052			0.14			<0.0035	U	
		VMP-19-5-071112	7/11/2012				<0.018	J	U	0.0059	J		0.042			0.22			<0.004	U	
		VMP-19-5-100912	10/9/2012				<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U	
		VMP-19-5-013113	1/31/2013				<0.021	U		0.12			0.063			<0.0053	U		<0.0046	U	
		VMP-19-5-043013	4/30/2013				<0.028	U		0.0027	J		<0.0084	J	U	0.0016	J		<0.0061	U	
VMP-20	5 ft	VMP-20-5-031411	3/14/2011				<0.02	U					0.0032	J		<0.005	U		<0.0044	U	
		VMP-20-5-041511	4/15/2011				<0.22	U		22			<0.065	U		<0.054	U		<0.048	U	
		VMP-20-5-072511	7/25/2011				<0.023	U	UJ	<0.017	U		0.026			0.11			<0.0051	U	
		VMP-20-5-110111	11/1/2011				<0.013	U		0.0064	J		<0.004	J	U	0.019			<0.0029	U	
		VMP-20-5-012312	1/23/2012				<0.063	U		1.7			0.0021	J		0.022			<0.014	U	
		VMP-20-5-041012	4/10/2012				<0.014	U		0.0054	J		0.014			0.076			<0.0032	U	
		VMP-20-5-071112	7/11/2012				<0.019	J	U	0.0013	J		<0.0057	U		<0.0048	U		<0.0042	U	
		VMP-20-5-073112	7/31/2012				0.0029	J		<0.012	U		0.026			0.091			<0.0035	U	
		VMP-20-5-100412	10/4/2012				<0.024	U		0.0032	J		<0.0071	U		<0.0059	U		<0.0052	U	
		VMP-20-5-020713	2/7/2013				<0.02	U		0.53			0.0021	J		<0.005	U		<0.0044	U	
		VMP-20-5-041913	4/19/2013				<0.02	U		0.076			<0.0062	J	U	<0.0051	U		<0.0045	U	
	10 ft	VMP-20-10-031411	3/14/2011				<0.02	U					0.0025	J		<0.005	U		<0.0044	U	
		VMP-20-10-041511	4/15/2011				<0.2	U		1.6			<0.059	U		<0.05	U		<0.044	U	
		VMP-20-10-072511	7/25/2011				<0.021	U	UJ	<0.015	U		0.025			0.12			<0.0046	U	
		VMP-20-10-110111	11/1/2011				<0.014	U		<0.01	U		<0.0042	J	U	0.012			<0.0031	U	
		VMP-20-10-012312	1/23/2012				<0.015	U		0.0066	J		0.0019	J		0.015			<0.0032	U	
		VMP-20-10-041012	4/10/2012				<0.014	U		0.0056	J		0.022			0.12			<0.0031	U	
		VMP-20-10-071112	7/11/2012				<0.016	J	U	0.0048	J		<0.0048	U		<0.004	U		<0.0035	U	
		VMP-20-10-100412	10/4/2012				<0.022	U		0.0042	J		<0.0066	U		0.0011	J		<0.0048	U	
		VMP-20-10-012213	1/22/2013				<0.02	U		0.002	J		<0.0061	U		<0.005	U		<0.0044	U	
		VMP-20-10-041913	4/19/2013				<0.021	U		0.0049	J		<0.0063	U		<0.0052	U		<0.0046	U	
	25 ft	VMP-20-25-031411	3/14/2011				<0.02	U					<0.0059	U		<0.0049	U		<0.0043	U	
		VMP-20-25-041511	4/15/2011				<0.23	U		1			<0.068	U		<0.056	U		<0.05	U	
		VMP-20-25-072611	7/26/2011				<1.5	U	UJ	0.38	J		<0.45	U		<0.38	U		<0.33	U	
		VMP-20-25-110511	11/5/2011				0.00072	J		<0.0099	U		0.0027	J		0.016			<0.003	U	
		VMP-20-25-012312	1/23/2012				<0.015	U		<0.011	U		0.0021	J		0.017			<0.0034	U	
		VMP-20-25-041012	4/10/2012				<0.014	U		0.0039	J		0.027			0.12			<0.0032	U	
		VMP-20-25-041012-Dup	4/10/2012				0.0022	J		0.0073	J		0.028			0.12			<0.0032	U	
		VMP-20-25-071112	7/11/2012				<0.016	U		0.0055	J		<0.0049	U		<0.0041	U		<0.0036	U	
		VMP-20-25-100412	10/4/2012				<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U	
		VMP-20-25-012213	1/22/2013				<0.02	U		0.0021	J		<0.0061	U		<0.005	U		<0.0044	U	
		VMP-20-25-041913	4/19/2013				<0.022	U		0.017			<0.0066	U		<0.0055	U		<0.0048	U	
	39.5 ft	VMP-20-39.5-100412	10/4/2012				<5.9	U		1.7	J		<1.8	U		<1.5	U		<1.3	U	
		VMP-20-39.5-012313	1/23/2013				<3.4	U		7.1			<1	U		<0.84	U		<0.74	U	
		VMP-20-39.5-041913	4/19/2013				<2.7	U		7.9			<0.81	U		<0.67	U		<0.59	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Pentane, 2,2,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,4-dimethyl-			Pentane, 2-methyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-19	5 ft	VMP-19-5	6/18/2010																		
		VMP-19-5-090110	9/1/2010																		
		VMP-19-5-111510	11/15/2010																		
		VMP-19-5-020411	2/4/2011																		
		VMP-19-5-040711	4/7/2011																		
		VMP-19-5-080911	8/9/2011																		
		VMP-19-5-080911-DUP	8/9/2011																		
		VMP-19-5-110811	11/8/2011																		
		VMP-19-5-012612	1/26/2012																		
		VMP-19-5-041012	4/10/2012																		
		VMP-19-5-071112	7/11/2012																		
		VMP-19-5-100912	10/9/2012																		
		VMP-19-5-013113	1/31/2013																		
		VMP-19-5-043013	4/30/2013																		
VMP-20	5 ft	VMP-20-5-031411	3/14/2011																		
		VMP-20-5-041511	4/15/2011																		
		VMP-20-5-072511	7/25/2011																		
		VMP-20-5-110111	11/1/2011																		
		VMP-20-5-012312	1/23/2012																		
		VMP-20-5-041012	4/10/2012																		
		VMP-20-5-071112	7/11/2012																		
		VMP-20-5-073112	7/31/2012																		
		VMP-20-5-100412	10/4/2012																		
		VMP-20-5-020713	2/7/2013																		
		VMP-20-5-041913	4/19/2013																		
	10 ft	VMP-20-10-031411	3/14/2011																		
		VMP-20-10-041511	4/15/2011																		
		VMP-20-10-072511	7/25/2011																		
		VMP-20-10-110111	11/1/2011																		
		VMP-20-10-012312	1/23/2012																		
		VMP-20-10-041012	4/10/2012																		
		VMP-20-10-071112	7/11/2012																		
		VMP-20-10-100412	10/4/2012																		
		VMP-20-10-012213	1/22/2013																		
		VMP-20-10-041913	4/19/2013																		
	25 ft	VMP-20-25-031411	3/14/2011																		
		VMP-20-25-041511	4/15/2011																		
		VMP-20-25-072611	7/26/2011																		
		VMP-20-25-110511	11/5/2011																		
		VMP-20-25-012312	1/23/2012																		
		VMP-20-25-041012	4/10/2012																		
		VMP-20-25-041012-Dup	4/10/2012																		
		VMP-20-25-071112	7/11/2012																		
		VMP-20-25-100412	10/4/2012																		
		VMP-20-25-012213	1/22/2013																		
		VMP-20-25-041913	4/19/2013																		
	39.5 ft	VMP-20-39.5-100412	10/4/2012																		
		VMP-20-39.5-012313	1/23/2013																		
		VMP-20-39.5-041913	4/19/2013																		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrachloroethene		
										1400						0.55			0.55		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-19	5 ft	VMP-19-5	6/18/2010	0.024			<0.006	U		<0.005	U		<0.009	U		<0.009	J	U	<0.009	J	U
		VMP-19-5-090110	9/1/2010	0.58			<0.0063	J	U	<0.0055	U		<0.0088	U		<0.0088	J	U	<0.0088	J	U
		VMP-19-5-111510	11/15/2010	0.0034	J		<0.0068	U		0.0065			<0.0095	U		0.0013	J		0.0013	J	
		VMP-19-5-020411	2/4/2011	0.0076	J		<0.0059	U		<0.0052	U		<0.0083	U		<0.0082	U		<0.0082	U	
		VMP-19-5-040711	4/7/2011	<0.013	U		<0.0066	U		<0.0058	U		<0.0093	U		0.0015	J		0.0015	J	
		VMP-19-5-080911	8/9/2011	0.026			<0.0073	J	U	<0.0063	J	U	<0.01	U		<0.01	J	U	<0.01	J	U
		VMP-19-5-080911-DUP	8/9/2011	0.028			<0.0069	J	U	<0.006	J	U	<0.0097	U		<0.0096	J	U	<0.0096	J	U
		VMP-19-5-110811	11/8/2011	0.0078	J		<0.0048	U		<0.0042	U		<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-19-5-012612	1/26/2012	0.01			<0.0042	U		<0.0036	U		<0.0059	U		<0.0058	U		<0.0058	U	
		VMP-19-5-041012	4/10/2012	0.076			<0.0048	J	U	<0.0042	J	U	<0.0067	U		<0.0066	J	U	<0.0066	J	U
		VMP-19-5-071112	7/11/2012	<0.011	U		<0.0055	J	U	<0.0047	J	U	<0.0076	U		<0.0076	U		<0.0076	U	
		VMP-19-5-100912	10/9/2012	0.085			<0.0073	U		<0.0063	U		<0.01	U		<0.01	U		<0.01	U	
		VMP-19-5-013113	1/31/2013	0.083			0.049			<0.0055	U		<0.0088	U		0.00099	J		0.00099	J	
		VMP-19-5-043013	4/30/2013	<0.017	U		0.0038	J		<0.0072	U		<0.012	U		<0.012	J	U	<0.012	J	U
VMP-20	5 ft	VMP-20-5-031411	3/14/2011	<0.012	U		0.0024	J		<0.0052	U		<0.0083	U		0.055			0.055		
		VMP-20-5-041511	4/15/2011	<0.13	UJ	UJ	<0.065	U		<0.057	U		<0.091	U		<0.09	U		<0.09	U	
		VMP-20-5-072511	7/25/2011	0.032			<0.0069	U		<0.006	J	U	<0.0097	U		<0.0096	U	UJ	<0.0096	U	UJ
		VMP-20-5-110111	11/1/2011	0.0083			<0.004	J	U	<0.0034	U		<0.0055	U		<0.0055	U		<0.0055	U	
		VMP-20-5-012312	1/23/2012	0.016	J		<0.019	U		<0.016	U		<0.026	U		<0.026	U		<0.026	U	
		VMP-20-5-041012	4/10/2012	0.18			<0.0043	U		<0.0037	U		<0.006	U		<0.0059	U		<0.0059	U	
		VMP-20-5-071112	7/11/2012	0.0061	J		<0.0057	U		<0.005	U		<0.008	U		<0.0079	U		<0.0079	U	
		VMP-20-5-073112	7/31/2012	0.87			0.0004	J		0.0016	J		<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-20-5-100412	10/4/2012	<0.014	U		<0.0071	U		<0.0062	U		<0.0099	U		<0.0098	U		<0.0098	U	
		VMP-20-5-020713	2/7/2013	0.0057	J		0.006			<0.0053	U		<0.0085	U		<0.0084	J	U	<0.0084	J	U
		VMP-20-5-041913	4/19/2013	0.0081	J		<0.0062	J	U	<0.0053	U		<0.0086	U		<0.0085	J	U	<0.0085	J	U
	10 ft	VMP-20-10-031411	3/14/2011	<0.012	U		0.0023	J		<0.0052	U		<0.0083	U		0.0089			0.0089		
		VMP-20-10-041511	4/15/2011	<0.12	UJ	UJ	0.023	J		<0.052	U		<0.083	U		<0.082	U		<0.082	U	
		VMP-20-10-072511	7/25/2011	0.026			<0.0063	U		0.0017	J		<0.0088	U		<0.0088	U	UJ	<0.0088	U	UJ
		VMP-20-10-110111	11/1/2011	0.0066	J		<0.0042	U		<0.0036	U		<0.0059	U		<0.0058	U		<0.0058	U	
		VMP-20-10-012312	1/23/2012	0.0092			<0.0044	J	U	<0.0038	U		<0.0061	U		0.00098	J		0.00098	J	
		VMP-20-10-041012	4/10/2012	0.19			<0.0042	U		0.0012	J		<0.0059	U		<0.0058	U		<0.0058	U	
		VMP-20-10-071112	7/11/2012	0.01			<0.0048	J	U	<0.0042	U		<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-20-10-100412	10/4/2012	<0.013	U		<0.0066	U		<0.0057	U		<0.0092	U		<0.0091	U		<0.0091	U	
		VMP-20-10-012213	1/22/2013	0.008	J		<0.0061	U		<0.0053	U		<0.0085	U		<0.0084	J	U	<0.0084	J	U
		VMP-20-10-041913	4/19/2013	0.011	J		<0.0063	U		<0.0054	U		<0.0088	U		<0.0087	J	U	<0.0087	J	U
	25 ft	VMP-20-25-031411	3/14/2011	<0.012	U		<0.0059	U		<0.0051	U		<0.0082	U		0.0068	J		0.0068	J	
		VMP-20-25-041511	4/15/2011	<0.14	UJ	UJ	<0.068	U		<0.059	U		<0.095	U		<0.094	U		<0.094	U	
		VMP-20-25-072611	7/26/2011	<0.9	U		<0.45	U		<0.39	U		<0.63	U		<0.62	U	UJ	<0.62	U	UJ
		VMP-20-25-110511	11/5/2011	0.0075	J		0.00026	J		0.00044	J		<0.0058	U		<0.0057	J	U	<0.0057	J	U
		VMP-20-25-012312	1/23/2012	0.011			<0.0046	J	U	<0.004	U		<0.0064	U		0.001	J		0.001	J	
		VMP-20-25-041012	4/10/2012	0.15			<0.0043	U		0.0007	J		<0.006	U		<0.0059	U		<0.0059	U	
		VMP-20-25-041012-Dup	4/10/2012	0.16			0.00046	J		0.00062	J		<0.0061	U		<0.0061	U		<0.0061	U	
		VMP-20-25-071112	7/11/2012	0.084			<0.0049	J	U	<0.0043	U		<0.0069	U		<0.0068	U		<0.0068	U	
		VMP-20-25-100412	10/4/2012	<0.014	U		<0.0073	U		<0.0063	U		<0.01	U		<0.01	U		<0.01	U	
		VMP-20-25-012213	1/22/2013	0.0095	J		<0.0061	U		<0.0053	U		<0.0085	U		<0.0084	J	U	<0.0084	J	U
		VMP-20-25-041913	4/19/2013	0.0064	J		<0.0066	J	U	<0.0057	U		<0.0092	U		<0.009	J	U	<0.009	J	U
	39.5 ft	VMP-20-39.5-100412	10/4/2012	1.4	J		<1.8	U		0.23	J		<2.5	U		<2.4	U		<2.4	U	
		VMP-20-39.5-012313	1/23/2013	0.18	J		<1	U		<0.88	U		<1.4	U		0.52	J		0.52	J	
		VMP-20-39.5-041913	4/19/2013	0.13	J		<0.81	U		<0.7	U		<1.1	U		<1.1	U		<1.1	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							6200			11			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-19	5 ft	VMP-19-5	6/18/2010	<0.004	U		<0.005	U		<0.04	U		<0.007	U		<0.007	U		<0.007	U	
		VMP-19-5-090110	9/1/2010	<0.0038	U		<0.0049	U		<0.038	J	UJ	<0.007	U		<0.007	U		<0.0069	U	
		VMP-19-5-111510	11/15/2010	<0.0041	U		0.0014	J		<0.041	U		0.0014	J		<0.0075	U		0.0024	J	
		VMP-19-5-020411	2/4/2011	<0.0036	U		0.0018	J		<0.036	J	U	<0.0066	U		<0.0066	U		0.0032	J	
		VMP-19-5-040711	4/7/2011	<0.004	U		0.0014	J		0.0031	J		<0.0074	U		<0.0074	U		0.0034	J	
		VMP-19-5-080911	8/9/2011	<0.0044	U		0.032			<0.044	J	U	<0.0081	U		<0.0081	U		<0.008	J	U
		VMP-19-5-080911-DUP	8/9/2011	<0.0042	U		0.027			<0.042	J	U	<0.0077	U		<0.0077	U		<0.0076	U	
		VMP-19-5-110811	11/8/2011	<0.0029	U		0.014			<0.029	U		<0.0053	U		<0.0053	U		<0.0053	U	
		VMP-19-5-012612	1/26/2012	<0.0025	U		0.0061			<0.025	U		<0.0047	U		<0.0047	U		<0.0046	U	
		VMP-19-5-041012	4/10/2012	0.0071			0.029			<0.029	U		<0.0053	U		<0.0053	U		0.0018	J	
		VMP-19-5-071112	7/11/2012	0.0017	J		0.059			<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-19-5-100912	10/9/2012	<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U		<0.008	U	
		VMP-19-5-013113	1/31/2013	<0.0038	U		0.005			<0.038	J	U	<0.007	U		<0.007	U		<0.0069	U	
		VMP-19-5-043013	4/30/2013	<0.005	U		<0.0064	J	U	<0.05	U		<0.0093	U		<0.0093	U		<0.0091	U	
VMP-20	5 ft	VMP-20-5-031411	3/14/2011	<0.0036	U		0.046			<0.036	U	UJ	<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-20-5-041511	4/15/2011	<0.039	U	UJ	<0.05	U		<0.39	U		<0.072	U		<0.072	U		<0.071	U	
		VMP-20-5-072511	7/25/2011	<0.0042	U		0.014			<0.042	U		<0.0077	U		<0.0077	U		<0.0076	U	
		VMP-20-5-110111	11/1/2011	0.0012	J		0.019			<0.024	U		<0.0044	U		<0.0044	U		<0.0043	U	
		VMP-20-5-012312	1/23/2012	<0.011	U		0.03			<0.11	U		<0.021	U		<0.021	U		<0.021	U	
		VMP-20-5-041012	4/10/2012	0.027			0.024			<0.026	U		<0.0048	U		<0.0048	U		<0.0047	U	
		VMP-20-5-071112	7/11/2012	<0.0034	U		0.0024	J		<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-20-5-073112	7/31/2012	0.0011	J		0.072			<0.029	U		<0.0053	U		<0.0053	U		<0.0053	U	
		VMP-20-5-100412	10/4/2012	<0.0043	U		0.0013	J		<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U	
		VMP-20-5-020713	2/7/2013	<0.0036	U		<0.0046	J	U	<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-20-5-041913	4/19/2013	<0.0037	U		0.0066			<0.037	J	U	<0.0068	U		<0.0068	U		<0.0067	U	
	10 ft	VMP-20-10-031411	3/14/2011	0.0018	J		0.0084			<0.036	U	UJ	<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-20-10-041511	4/15/2011	<0.036	U	UJ	<0.046	U		<0.36	U		<0.066	U		<0.066	U		<0.065	U	
		VMP-20-10-072511	7/25/2011	<0.0038	U		0.015			0.0043	J		<0.007	U		<0.007	U		<0.0069	U	
		VMP-20-10-110111	11/1/2011	<0.0025	U		0.0095			<0.025	U		<0.0047	U		<0.0047	U		<0.0046	U	
		VMP-20-10-012312	1/23/2012	<0.0026	U		0.0082			<0.026	U		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-20-10-041012	4/10/2012	0.045			0.028			<0.025	U		<0.0047	U		<0.0047	U		<0.0046	U	
		VMP-20-10-071112	7/11/2012	0.00078	J		0.005			<0.029	U		<0.0053	U		<0.0053	U		<0.0053	U	
		VMP-20-10-100412	10/4/2012	<0.004	U		0.0019	J		<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U	
		VMP-20-10-012213	1/22/2013	<0.0036	U		<0.0046	J	U	<0.037	J	U	<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-20-10-041913	4/19/2013	<0.0038	U		<0.0048	J	U	<0.038	J	U	<0.007	U		<0.007	U		<0.0069	U	
	25 ft	VMP-20-25-031411	3/14/2011	<0.0035	U		0.0015	J		<0.035	U	UJ	<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-20-25-041511	4/15/2011	<0.041	U	UJ	<0.052	U		<0.41	U		<0.075	U		<0.075	U		<0.074	U	
		VMP-20-25-072611	7/26/2011	<0.27	U		<0.35	U		<2.7	U		<0.5	U		<0.5	U		<0.49	U	
		VMP-20-25-110511	11/5/2011	<0.0025	U		0.015			<0.025	U		<0.0046	U		<0.0046	U		<0.0045	U	
		VMP-20-25-012312	1/23/2012	<0.0028	U		0.0064			<0.028	U		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-20-25-041012	4/10/2012	0.031			0.036			<0.026	U		<0.0048	U		<0.0048	U		<0.0047	U	
		VMP-20-25-041012-Dup	4/10/2012	0.033			0.038			<0.026	U		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-20-25-071112	7/11/2012	<0.003	U		0.014			<0.03	U		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-20-25-100412	10/4/2012	<0.0044	U		0.0017	J		<0.044	U		<0.0081	U		<0.0081	U		<0.008	U	
		VMP-20-25-012213	1/22/2013	<0.0036	U		<0.0046	J	U	<0.037	J	U	<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-20-25-041913	4/19/2013	<0.0039	U		0.0042	J		<0.04	J	U	<0.0073	U		<0.0073	U		<0.0072	U	
	39.5 ft	VMP-20-39.5-100412	10/4/2012	<1.1	U		1.7			<11	U		<2	U		<2	U		<1.9	U	
		VMP-20-39.5-012313	1/23/2013	<0.61	U		<0.78	U		<6.1	U		<1.1	U		<1.1	U		<1.1	U	
		VMP-20-39.5-041913	4/19/2013	<0.48	U		1.1			<4.9	U		<0.9	U		<0.9	U		<0.88	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride		
				860			860												0.29		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-19	5 ft	VMP-19-5	6/18/2010	0.00091	J		0.00091	J		<0.006	U		<0.006	U		0.013			<0.003	U	
		VMP-19-5-090110	9/1/2010	0.0013	J		0.0013	J		<0.0063	J	U	<0.0063	U		0.22	J	J	<0.0033	U	
		VMP-19-5-111510	11/15/2010	0.0011	J		0.0011	J		<0.0068	U		<0.0068	U		0.0054	J		<0.0035	U	
		VMP-19-5-020411	2/4/2011	0.001	J		0.001	J		<0.0059	U		<0.0059	U		0.046			<0.0031	U	
		VMP-19-5-040711	4/7/2011	0.00094	J		0.00094	J		<0.0066	U		<0.0066	U		0.054			<0.0034	U	
		VMP-19-5-080911	8/9/2011	<0.0083	J	U	<0.0083	J	U	<0.0073	J	U	<0.0073	J	U	0.1		J	<0.0038	U	
		VMP-19-5-080911-DUP	8/9/2011	<0.0079	J	U	<0.0079	J	U	<0.0069	J	U	<0.0069	J	U	0.078		J	<0.0036	U	
		VMP-19-5-110811	11/8/2011	<0.0055	U		<0.0055	U		<0.0048	J	U	<0.0048	U		0.0038	J		<0.0025	U	
		VMP-19-5-012612	1/26/2012	<0.0048	U		<0.0048	U		<0.0042	U		<0.0042	U		0.00079	J		<0.0022	U	
		VMP-19-5-041012	4/10/2012	<0.0055	U		<0.0055	U		<0.0048	J	U	<0.0048	J	U	0.026			0.00042	J	
		VMP-19-5-071112	7/11/2012	0.0011	J		0.0011	J		0.0055			<0.0055	J	U	<0.0052	U		<0.0028	U	
		VMP-19-5-100912	10/9/2012	<0.0083	U		<0.0083	U		<0.0073	U		<0.0073	U		0.016			<0.0038	U	
		VMP-19-5-013113	1/31/2013	0.0012	J		0.0012	J		0.14			0.057			0.02			<0.0033	U	
		VMP-19-5-043013	4/30/2013	0.0016	J		0.0016	J		<0.0084	J	U	<0.0084	U		0.13			<0.0043	U	
VMP-20	5 ft	VMP-20-5-031411	3/14/2011	0.0015	J		0.0015	J		0.0039	J		0.001	J		1.4			<0.0031	U	
		VMP-20-5-041511	4/15/2011	<0.075	U		<0.075	U		<0.065	U		<0.065	U		4			<0.034	U	
		VMP-20-5-072511	7/25/2011	0.0017	J		0.0017	J		<0.0069	J	U	<0.0069	U		0.0043	J		<0.0036	U	
		VMP-20-5-110111	11/1/2011	0.0031	J		0.0031	J		<0.004	J	U	<0.004	U		0.0017	J		<0.002	U	
		VMP-20-5-012312	1/23/2012	0.017	J		0.017	J		<0.019	U		<0.019	U		2.2			<0.0099	U	
		VMP-20-5-041012	4/10/2012	0.0029	J		0.0029	J		<0.0043	U		<0.0043	U		0.051			<0.0022	U	
		VMP-20-5-071112	7/11/2012	0.004	J		0.004	J		<0.0057	J	U	<0.0057	U		<0.0054	U		<0.003	U	
		VMP-20-5-073112	7/31/2012	0.017			0.017			0.0021	J		<0.0048	U		0.0096			<0.0025	U	
		VMP-20-5-100412	10/4/2012	0.0021	J		0.0021	J		<0.0071	U		<0.0071	U		0.0031	J		<0.0037	U	
		VMP-20-5-020713	2/7/2013	0.012			0.012			0.06			0.0088			0.12			<0.0032	U	
		VMP-20-5-041913	4/19/2013	0.0025	J		0.0025	J		0.0088			<0.0062	J	U	0.12			<0.0032	U	
	10 ft	VMP-20-10-031411	3/14/2011	0.0011	J		0.0011	J		0.0046	J		0.0024	J		0.23			<0.0031	U	
		VMP-20-10-041511	4/15/2011	<0.068	U		<0.068	U		<0.059	U		<0.059	U		1.1			<0.031	U	
		VMP-20-10-072511	7/25/2011	<0.0072	U		<0.0072	U		0.0025	J		<0.0063	U		<0.006	U		<0.0033	U	
		VMP-20-10-110111	11/1/2011	0.0069			0.0069			<0.0042	U		<0.0042	U		<0.004	U		<0.0022	U	
		VMP-20-10-012312	1/23/2012	0.032			0.032			<0.0044	U		<0.0044	U		0.02			<0.0023	U	
		VMP-20-10-041012	4/10/2012	0.025			0.025			0.0011	J		<0.0042	U		0.094			<0.0022	U	
		VMP-20-10-071112	7/11/2012	0.018			0.018			<0.0048	U		<0.0048	U		<0.0046	U		<0.0025	U	
		VMP-20-10-100412	10/4/2012	0.0048	J		0.0048	J		<0.0066	U		<0.0066	U		<0.0063	J	U	<0.0034	U	
		VMP-20-10-012213	1/22/2013	0.0033	J		0.0033	J		<0.0061	U		<0.0061	U		0.0049	J		<0.0032	U	
		VMP-20-10-041913	4/19/2013	0.0035	J		0.0035	J		<0.0063	U		<0.0063	U		0.051			<0.0033	U	
	25 ft	VMP-20-25-031411	3/14/2011	<0.0067	U		<0.0067	U		<0.0059	U		<0.0059	U		0.16			<0.003	U	
		VMP-20-25-041511	4/15/2011	<0.078	U		<0.078	U		<0.068	U		<0.068	U		1			<0.035	U	
		VMP-20-25-072611	7/26/2011	<0.52	U		<0.52	U		<0.45	U		<0.45	U		340			<0.24	U	
		VMP-20-25-110511	11/5/2011	0.016			0.016			0.0013	J		<0.0041	U		0.11			<0.0021	U	
		VMP-20-25-012312	1/23/2012	0.074			0.074			<0.0046	U		<0.0046	U		0.0029	J		<0.0024	U	
		VMP-20-25-041012	4/10/2012	0.086			0.086			0.00082	J		<0.0043	U		0.011			<0.0022	U	
		VMP-20-25-041012-Dup	4/10/2012	0.094			0.094			0.0012	J		0.00099	J		0.01			<0.0023	U	
		VMP-20-25-071112	7/11/2012	0.08			0.08			<0.0049	J	U	<0.0049	U		<0.0047	U		<0.0026	U	
		VMP-20-25-100412	10/4/2012	0.051			0.051			<0.0073	U		<0.0073	U		<0.0069	J	U	<0.0038	U	
		VMP-20-25-012213	1/22/2013	0.047			0.047			<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U	
		VMP-20-25-041913	4/19/2013	0.0098			0.0098			<0.0066	J	U	<0.0066	J	U	0.076			<0.0034	U	
	39.5 ft	VMP-20-39.5-100412	10/4/2012	<2	U		<2	U		<1.8	U		<1.8	U		410			<0.92	U	
		VMP-20-39.5-012313	1/23/2013	<1.2	U		<1.2	U		<1	U		<1	U		560			<0.53	U	
		VMP-20-39.5-041913	4/19/2013	<0.92	U		<0.92	U		<0.81	U		<0.81	U		380			<0.42	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	m,p-Xylenes			o-Xylenes			Isobutane			Isobutane			Pentane		
				130			120											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-19	5 ft	VMP-19-5	6/18/2010	<0.005	U		<0.005	U										
		VMP-19-5-090110	9/1/2010	0.014		J	0.0047	J	J									
		VMP-19-5-111510	11/15/2010	<0.006	J	U	<0.006	U										
		VMP-19-5-020411	2/4/2011	0.00044	J		<0.0052	U										
		VMP-19-5-040711	4/7/2011	0.0015	J		<0.0059	U										
		VMP-19-5-080911	8/9/2011	0.011			<0.0064	J	U									
		VMP-19-5-080911-DUP	8/9/2011	0.011			<0.0061	J	U									
		VMP-19-5-110811	11/8/2011	<0.0042	J	U	<0.0042	U										
		VMP-19-5-012612	1/26/2012	0.0079			0.0017	J										
		VMP-19-5-041012	4/10/2012	0.0097			0.0025	J										
		VMP-19-5-071112	7/11/2012	0.0096			0.003	J										
		VMP-19-5-100912	10/9/2012	<0.0064	U		<0.0064	U										
		VMP-19-5-013113	1/31/2013	0.11			0.017											
		VMP-19-5-043013	4/30/2013	<0.0074	U		<0.0074	U										
VMP-20	5 ft	VMP-20-5-031411	3/14/2011	0.023			0.0066											
		VMP-20-5-041511	4/15/2011	<0.058	U		<0.058	U										
		VMP-20-5-072511	7/25/2011	<0.0061	J	U	<0.0061	U										
		VMP-20-5-110111	11/1/2011	0.0078			0.0016	J										
		VMP-20-5-012312	1/23/2012	0.0084	J		<0.017	U										
		VMP-20-5-041012	4/10/2012	0.003	J		0.00064	J										
		VMP-20-5-071112	7/11/2012	<0.005	U		<0.005	U										
		VMP-20-5-073112	7/31/2012	0.0077			0.0022	J										
		VMP-20-5-100412	10/4/2012	<0.0063	U		<0.0063	U										
		VMP-20-5-020713	2/7/2013	0.0042	J		<0.0054	U										
		VMP-20-5-041913	4/19/2013	0.014			0.0066											
	10 ft	VMP-20-10-031411	3/14/2011	0.016			0.006											
		VMP-20-10-041511	4/15/2011	<0.052	U		<0.052	U										
		VMP-20-10-072511	7/25/2011	0.0038	J		<0.0056	U										
		VMP-20-10-110111	11/1/2011	<0.0037	J	U	<0.0037	U										
		VMP-20-10-012312	1/23/2012	0.0032	J		0.00075	J										
		VMP-20-10-041012	4/10/2012	0.004			0.0012	J										
		VMP-20-10-071112	7/11/2012	<0.0042	J	U	<0.0042	U										
		VMP-20-10-100412	10/4/2012	<0.0058	U		<0.0058	U										
		VMP-20-10-012213	1/22/2013	<0.0054	U		<0.0054	U										
		VMP-20-10-041913	4/19/2013	<0.0056	U		<0.0056	U										
	25 ft	VMP-20-25-031411	3/14/2011	0.0011	J		0.00095	J										
		VMP-20-25-041511	4/15/2011	<0.06	U		<0.06	U										
		VMP-20-25-072611	7/26/2011	<0.4	U		<0.4	U										
		VMP-20-25-110511	11/5/2011	0.0023	J		0.00094	J										
		VMP-20-25-012312	1/23/2012	0.0014	J		<0.0041	U										
		VMP-20-25-041012	4/10/2012	0.0053			0.0015	J										
		VMP-20-25-041012-Dup	4/10/2012	0.0044			0.0016	J										
		VMP-20-25-071112	7/11/2012	<0.0044	J	U	<0.0044	U										
		VMP-20-25-100412	10/4/2012	<0.0064	U		<0.0064	U										
		VMP-20-25-012213	1/22/2013	<0.0054	U		<0.0054	U										
		VMP-20-25-041913	4/19/2013	0.0079			0.0032	J										
	39.5 ft	VMP-20-39.5-100412	10/4/2012	0.46	J		<1.6	U										
		VMP-20-39.5-012313	1/23/2013	<0.9	U		<0.9	U										
		VMP-20-39.5-041913	4/19/2013	<0.71	U		<0.71	U										

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene		
				750000			0.37			450000			11			6.9					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-21	5 ft	VMP-21-5-020911	2/9/2011	<4.4	U		<1.5	U		<3.1	U		<4.8	U		<1.8	U		<1	U	
		VMP-21-5-020911-DUP	2/9/2011	<7.6	U		<2.5	U		<5.3	U		<8.2	U		<3.1	U		<1.8	U	
		VMP-21-5-041311	4/13/2011	0.0092	J		0.84			<0.0088	U		<0.014	U		<0.0051	U		<0.0029	U	
		VMP-21-5-072511	7/25/2011	0.029			0.019			<0.0092	U		<0.014	U		<0.0054	U		<0.003	U	
		VMP-21-5-110111	11/1/2011	0.017			0.011			<0.0076	U		<0.012	U		<0.0044	U		<0.0025	U	
		VMP-21-5-012312	1/23/2012	0.008	J		0.00067	J		<0.0065	U		<0.01	U		<0.0038	U		<0.0021	U	
		VMP-21-5-012312-DUP	1/23/2012	0.0092			0.00091	J		<0.006	U		<0.0092	U		<0.0035	U		<0.002	U	
		VMP-21-5-042412	4/24/2012	0.023	J		0.58			<0.012	U		<0.019	U		<0.071	U		<0.004	U	
		VMP-21-5-071012	7/10/2012	0.12			0.003	J		<0.0071	U		<0.011	U		<0.041	U		<0.0023	U	
		VMP-21-5-100412	10/4/2012	0.023	J		0.0018	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U	
		VMP-21-5-020613	2/6/2013	0.012	J		0.002	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U	
		VMP-21-5-051013	5/10/2013	0.052			0.0031	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U	
	10 ft	VMP-21-10-021011	2/10/2011	<4	U		<1.3	U		<2.8	U		<4.3	U		<1.6	U		<0.93	U	
		VMP-21-10-041311	4/13/2011	0.14	J		0.066	J		<0.36	U		<0.55	U		<0.2	U		<0.12	U	
		VMP-21-10-072511	7/25/2011	0.083			0.012			<0.02	U		<0.03	U		<0.011	J	U	<0.0065	U	
		VMP-21-10-110111	11/1/2011	0.015			0.0023	J		<0.0057	U		<0.0088	U		<0.0033	U		<0.0019	U	
		VMP-21-10-012312	1/23/2012	0.022			0.017			<0.0065	U		<0.01	U		<0.0038	U		<0.0021	U	
		VMP-21-10-040912	4/9/2012	0.028			0.041			<0.0059	U		<0.009	U		<0.034	U		<0.0019	U	
		VMP-21-10-071012	7/10/2012	0.055			0.0018	J		<0.0067	U		<0.01	U		<0.039	U		<0.0022	U	
		VMP-21-10-100412	10/4/2012	0.024	J		0.0076			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U	
		VMP-21-10-020513	2/5/2013	0.0065	J		0.041			<0.009	U		<0.014	U		<0.052	U		<0.003	U	
		VMP-21-10-020513-DUP	2/5/2013	0.0063	J		0.035			<0.0084	U		<0.013	U		<0.049	U		<0.0028	U	
		VMP-21-10-051013	5/10/2013	0.021	J		0.001	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
	25 ft	VMP-21-25-021011	2/10/2011	<11	U		1.7	J		<7.8	U		<12	U		<4.5	U		<2.6	U	
		VMP-21-25-041411	4/14/2011	12	J		<13	U		<27	U		<42	U		<16	U		<9	U	
		VMP-21-25-041411-DUP	4/14/2011	5.2	J		<13	U		<27	U		<42	U		<16	U		<9	U	
		VMP-21-25-072611	7/26/2011	<12	U		1.3	J		<8.8	U		<14	U		<5.1	U		<2.9	U	
		VMP-21-25-110511	11/5/2011	5	J		0.5	J		<5.6	U		<8.7	U		<3.3	U		<1.8	U	
		VMP-21-25-012412	1/24/2012	<0.11	J	U	0.027	J		<0.078	U		<0.48	U		<0.045	U		<0.026	U	
		VMP-21-25-040912	4/9/2012	0.09			0.048			<0.0061	U		<0.0094	U		<0.036	U	UJ	<0.002	U	
		VMP-21-25-071112	7/11/2012	0.028			0.00098	J		<0.0061	U		<0.0094	U		<0.036	U		<0.002	U	
		VMP-21-25-100412	10/4/2012	0.027	J		0.0078			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
		VMP-21-25-020513	2/5/2013	0.011	J		0.035			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U	
		VMP-21-25-020513-DUP	2/5/2013	0.0077	J		0.043			<0.009	U		<0.014	U		<0.052	U		<0.003	U	
		VMP-21-25-051013	5/10/2013	0.027	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U	
	33 ft	VMP-21-33-021011	2/10/2011	<11	U		1.8	J		<7.8	U		<12	U		<4.5	U		<2.6	U	
		VMP-21-33-041411	4/14/2011	8.8	J		<12	U		<26	U		<41	U		<15	U		<8.7	U	
		VMP-21-33-110511	11/5/2011	1.2	J		0.14	J		<1.3	U		0.27	J		<0.74	U		<0.42	U	
		VMP-21-33-012412	1/24/2012	<0.26	U		0.13		J	<0.18	U		<1.1	U		<0.11	U		<0.06	U	
		VMP-21-33-042412	4/24/2012	0.011	J		0.41			<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U	
		VMP-21-33-071112	7/11/2012	0.044			0.0011	J		<0.0066	U		<0.01	U		<0.038	U		<0.0022	U	
		VMP-21-33-100412	10/4/2012	0.026	J		0.012			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U	
		VMP-21-33-020513	2/5/2013	0.0058	J		0.0024	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U	
		VMP-21-33-051013	5/10/2013	0.032			0.0018	J		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Butane			Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			2-Butanone			Carbon disulfide		
																6400			780		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-21	5 ft	VMP-21-5-020911	2/9/2011													<1.4	U		<1.4	U	
		VMP-21-5-020911-DUP	2/9/2011													<2.3	U		<2.5	U	
		VMP-21-5-041311	4/13/2011	0.41												0.0021	J		0.0064	J	
		VMP-21-5-072511	7/25/2011	<0.013	U											0.02			<0.017	J	U
		VMP-21-5-110111	11/1/2011	<0.011	U											0.0039	J		<0.014	J	U
		VMP-21-5-012312	1/23/2012	<0.0092	U											0.0034	J		<0.012	J	U
		VMP-21-5-012312-DUP	1/23/2012	<0.0085	U											0.0034	J		<0.011	J	U
		VMP-21-5-042412	4/24/2012	0.025												0.01	J		<0.023	J	U
		VMP-21-5-071012	7/10/2012	<0.01	U											0.02			<0.013	U	
		VMP-21-5-100412	10/4/2012	<0.015	U											0.006	J		<0.019	U	
		VMP-21-5-020613	2/6/2013	<0.013	U											0.0027	J		<0.018	J	U
		VMP-21-5-051013	5/10/2013	0.6												<0.017	U		<0.018	U	
	10 ft	VMP-21-10-021011	2/10/2011													<1.2	U		<1.3	U	
		VMP-21-10-041311	4/13/2011	7.6												0.046	J		0.065	J	
		VMP-21-10-072511	7/25/2011	<0.028	U											0.01	J		<0.036	J	U
		VMP-21-10-110111	11/1/2011	<0.0081	U											0.0043	J		<0.011	J	U
		VMP-21-10-012312	1/23/2012	<0.0092	U											0.0041	J		<0.012	J	U
		VMP-21-10-040912	4/9/2012	0.008	J											0.0077	J		0.0018	J	J
		VMP-21-10-071012	7/10/2012	<0.0096	U											0.0065	J		0.0043	J	
		VMP-21-10-100412	10/4/2012	<0.013	U											0.0065	J		<0.018	U	
		VMP-21-10-020513	2/5/2013	<0.013	U											<0.016	U		<0.017	J	U
		VMP-21-10-020513-DUP	2/5/2013	<0.012	U											<0.015	U		<0.016	J	U
		VMP-21-10-051013	5/10/2013	0.0065	J											<0.017	U		<0.018	U	
	25 ft	VMP-21-25-021011	2/10/2011													<3.4	U		<3.6	U	
		VMP-21-25-041411	4/14/2011	5400												<48	U		<13	U	
		VMP-21-25-041411-DUP	4/14/2011	5400												<48	U		<13	U	
		VMP-21-25-072611	7/26/2011													<16	U		<4.1	U	
		VMP-21-25-110511	11/5/2011	290												4.1	J		4.5	J	
		VMP-21-25-012412	1/24/2012	0.047	J											<0.14	U		<0.036	U	
		VMP-21-25-040912	4/9/2012	<0.0087	U											<0.011	U		0.0028	J	
		VMP-21-25-071112	7/11/2012	0.011												0.004	J		0.0046	J	
		VMP-21-25-100412	10/4/2012	0.0075	J											0.0074	J		<0.018	U	
		VMP-21-25-020513	2/5/2013	0.0031	J											<0.015	U		<0.016	J	U
		VMP-21-25-020513-DUP	2/5/2013	<0.013	U											<0.016	U		<0.017	J	U
		VMP-21-25-051013	5/10/2013	0.064												<0.017	U		<0.018	U	
	33 ft	VMP-21-33-021011	2/10/2011													<3.4	U		<3.6	U	
		VMP-21-33-041411	4/14/2011	5200												<46	U		<12	U	
		VMP-21-33-110511	11/5/2011	20												0.93	J		1.1	J	
		VMP-21-33-012412	1/24/2012	0.48		J										<0.32	U		<0.085	U	
		VMP-21-33-042412	4/24/2012	0.086												0.0055	J		<0.012	J	U
		VMP-21-33-071112	7/11/2012	0.019												0.007	J		0.0042	J	
		VMP-21-33-100412	10/4/2012	0.006	J											0.0074	J		<0.018	U	
		VMP-21-33-020513	2/5/2013	<0.012	U											<0.016	U		<0.016	J	U
		VMP-21-33-051013	5/10/2013	0.14												0.0065	J		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane		
				0.21			69			57000						0.11					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-21	5 ft	VMP-21-5-020911	2/9/2011	<2.9	U		<2.1	U		<4	U		<1.2	U		<2.3	U		<3.8	U	
		VMP-21-5-020911-DUP	2/9/2011	<5	U		<3.6	U		<6.8	U		<2.1	U		<3.9	U		<6.6	U	
		VMP-21-5-041311	4/13/2011	<0.0083	U		<0.0061	J	U	<0.011	U		<0.014	U		<0.0064	U		<0.011	U	
		VMP-21-5-072511	7/25/2011	<0.0087	U		<0.0064	J	U	<0.012	U		<0.014	U		<0.0067	U		<0.011	U	
		VMP-21-5-110111	11/1/2011	<0.0072	U		<0.0052	U		<0.0097	U		<0.012	U		<0.0056	U		<0.0094	U	
		VMP-21-5-012312	1/23/2012	<0.0061	U		<0.0045	J	U	<0.0083	U		<0.01	U		<0.0047	U		<0.008	U	
		VMP-21-5-012312-DUP	1/23/2012	<0.0056	U		<0.0041	J	U	<0.0076	U		<0.0094	U		<0.0044	U		<0.0074	U	
		VMP-21-5-042412	4/24/2012	<0.012	U		<0.0084	J	U	<0.016	U		<0.019	U		<0.0089	U		<0.038	U	
		VMP-21-5-071012	7/10/2012	<0.0067	U		<0.0049	J	U	<0.009	U		<0.011	U		<0.0052	U		<0.022	U	
		VMP-21-5-100412	10/4/2012	<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U	
		VMP-21-5-020613	2/6/2013	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U	
		VMP-21-5-051013	5/10/2013	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U	
	10 ft	VMP-21-10-021011	2/10/2011	<2.6	U		<1.9	U		<3.6	U		<1.1	U		<2	U		<3.5	U	
		VMP-21-10-041311	4/13/2011	<0.33	U		<0.24	U		<0.45	U		<0.56	U		<0.26	U		<0.44	U	
		VMP-21-10-072511	7/25/2011	<0.018	U		<0.013	J	U	<0.025	U		<0.031	U		<0.014	U		<0.024	U	
		VMP-21-10-110111	11/1/2011	<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		<0.0042	U		<0.0071	U	
		VMP-21-10-012312	1/23/2012	<0.0061	U		<0.0045	J	U	<0.0083	U		<0.01	U		<0.0047	U		<0.008	U	
		VMP-21-10-040912	4/9/2012	<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		<0.018	U	
		VMP-21-10-071012	7/10/2012	<0.0063	U		<0.0046	U		<0.0086	U		<0.011	U		<0.0049	U		<0.021	U	
		VMP-21-10-100412	10/4/2012	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U	
		VMP-21-10-020513	2/5/2013	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U	
		VMP-21-10-020513-DUP	2/5/2013	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U	
		VMP-21-10-051013	5/10/2013	<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U	
	25 ft	VMP-21-25-021011	2/10/2011	<7.3	U		<5.4	U		<9.9	U		<3.1	U		<5.7	U		<9.6	U	
		VMP-21-25-041411	4/14/2011	<26	U		<19	U		<35	U		<43	U		<20	U		<34	U	
		VMP-21-25-041411-DUP	4/14/2011	<26	U		<19	U		<35	U		<43	U		<20	U		<34	U	
		VMP-21-25-072611	7/26/2011	<8.3	U		<6.1	U		<11	U		<14	U		<6.4	U		<11	U	
		VMP-21-25-110511	11/5/2011	<5.3	U		2	J		<7.2	U		<8.9	U		<4.1	U		<6.9	U	
		VMP-21-25-012412	1/24/2012	<0.073	U		<0.053	U		<0.099	U		<0.12	U		<0.057	U		<0.096	U	
		VMP-21-25-040912	4/9/2012	<0.0058	U		<0.0042	U		<0.0078	U		<0.0096	U		<0.0045	U		<0.019	U	
		VMP-21-25-071112	7/11/2012	<0.0058	U		<0.0042	U		<0.0078	U		<0.0096	U		<0.0045	U		<0.019	U	
		VMP-21-25-100412	10/4/2012	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U	
		VMP-21-25-020513	2/5/2013	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U	
		VMP-21-25-020513-DUP	2/5/2013	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U	
		VMP-21-25-051013	5/10/2013	<0.0093	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U	
	33 ft	VMP-21-33-021011	2/10/2011	<7.3	U		<5.4	U		<9.9	U		<3.1	U		<5.7	U		<9.6	U	
		VMP-21-33-041411	4/14/2011	<25	U		<18	U		<34	U		<42	U		<19	U		<32	U	
		VMP-21-33-110511	11/5/2011	<1.2	U		0.52	J		<1.6	U		<2	U		<0.93	U		<1.6	U	
		VMP-21-33-012412	1/24/2012	<0.17	U		<0.12	U		<0.23	U		<0.29	U		<0.13	U		<0.22	U	
		VMP-21-33-042412	4/24/2012	<0.0059	U		<0.0043	J	U	<0.008	U		<0.0099	U		<0.0046	U		<0.019	U	
		VMP-21-33-071112	7/11/2012	<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U	
		VMP-21-33-100412	10/4/2012	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U	
		VMP-21-33-020513	2/5/2013	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U	
		VMP-21-33-051013	5/10/2013	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	alpha-Chlorotoluene			Cyclobutane, ethyl-			Cyclohexane			Cyclopentane, methyl-			1,2-Dibromoethane			1,2-Dichlorobenzene		
																0.011			290		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-21	5 ft	VMP-21-5-020911	2/9/2011	<2.4	U					94						<3.6	U		<2.8	U	
		VMP-21-5-020911-DUP	2/9/2011	<4.1	U					77						<6.1	U		<4.8	U	
		VMP-21-5-041311	4/13/2011	0.001	J					0.4						<0.01	U		<0.0079	U	
		VMP-21-5-072511	7/25/2011	<0.0071	U	UJ				<0.0048	U					<0.011	U		<0.0083	U	
		VMP-21-5-110111	11/1/2011	<0.0059	U					0.0095						<0.0088	U		<0.0068	U	
		VMP-21-5-012312	1/23/2012	<0.005	U					<0.0033	U					<0.0074	U		<0.0058	U	
		VMP-21-5-012312-DUP	1/23/2012	<0.0046	U					<0.0031	U					<0.0069	U		<0.0054	U	
		VMP-21-5-042412	4/24/2012	<0.0095	U					0.041						<0.014	U		<0.011	U	
		VMP-21-5-071012	7/10/2012	<0.0055	U	UJ				0.028						<0.0081	U		<0.0064	U	
		VMP-21-5-100412	10/4/2012	<0.008	U					<0.0054	U					<0.012	U		<0.0093	U	
		VMP-21-5-020613	2/6/2013	<0.0073	U					<0.0048	U					<0.011	U		<0.0085	U	
		VMP-21-5-051013	5/10/2013	<0.0074	U					0.011						<0.011	U		<0.0086	U	
	10 ft	VMP-21-10-021011	2/10/2011	<2.2	U					72						<3.2	U		<2.5	U	
		VMP-21-10-041311	4/13/2011	<0.27	U					0.5						<0.41	U		<0.32	U	
		VMP-21-10-072511	7/25/2011	<0.015	U	UJ				<0.01	U					<0.022	J	U	<0.018	J	U
		VMP-21-10-110111	11/1/2011	<0.0044	U					<0.0029	U					<0.0066	U		<0.0051	U	
		VMP-21-10-012312	1/23/2012	<0.005	U					0.00092	J					<0.0074	U		<0.0058	U	
		VMP-21-10-040912	4/9/2012	<0.0045	U					0.11						<0.0067	U		<0.0053	U	
		VMP-21-10-071012	7/10/2012	<0.0052	U	UJ				0.00068	J					<0.0077	U		<0.006	U	
		VMP-21-10-100412	10/4/2012	<0.0073	U					0.0015	J					<0.011	U		<0.0085	U	
		VMP-21-10-020513	2/5/2013	<0.007	U					0.0036	J					<0.01	U		<0.0081	U	
		VMP-21-10-020513-DUP	2/5/2013	<0.0065	U					0.0043	J					<0.0097	U		<0.0076	U	
		VMP-21-10-051013	5/10/2013	<0.0075	U					<0.005	U					<0.011	U		<0.0087	U	
	25 ft	VMP-21-25-021011	2/10/2011	<6	U					370						<9	U		<7	U	
		VMP-21-25-041411	4/14/2011	<21	U					300						<31	U		<24	U	
		VMP-21-25-041411-DUP	4/14/2011	<21	U					300						<31	U		<24	U	
		VMP-21-25-072611	7/26/2011	<6.8	U	UJ				290						<10	U		<7.9	U	
		VMP-21-25-110511	11/5/2011	<4.3	U					6.2						<6.4	U		<5	U	
		VMP-21-25-012412	1/24/2012	<0.24	U					0.0057	J					<0.089	U		<0.07	U	
		VMP-21-25-040912	4/9/2012	<0.0047	U					0.12						<0.007	U		<0.0055	U	
		VMP-21-25-071112	7/11/2012	<0.0047	U	UJ				0.0011	J					<0.007	U		<0.0055	U	
		VMP-21-25-100412	10/4/2012	<0.0075	U					0.0022	J					<0.011	U		<0.0087	U	
		VMP-21-25-020513	2/5/2013	<0.0067	U					0.0035	J					<0.0099	U		<0.0078	U	
		VMP-21-25-020513-DUP	2/5/2013	<0.007	U					0.004	J					<0.01	U		<0.0081	U	
		VMP-21-25-051013	5/10/2013	<0.0076	U					<0.0051	U					<0.011	U		<0.0089	U	
	33 ft	VMP-21-33-021011	2/10/2011	<6	U					410						<9	U		<7	U	
		VMP-21-33-041411	4/14/2011	<20	U					290						<30	U		<24	U	
		VMP-21-33-110511	11/5/2011	<0.99	U					0.38	J					<1.5	U		<1.1	U	
		VMP-21-33-012412	1/24/2012	<0.57	U					0.38		J				<0.21	U		<0.16	U	
		VMP-21-33-042412	4/24/2012	<0.0048	U					0.0051						<0.0072	U		<0.0056	U	
		VMP-21-33-071112	7/11/2012	<0.0051	U	UJ				<0.0034	U					<0.0075	U		<0.0059	U	
		VMP-21-33-100412	10/4/2012	<0.0073	U					0.0026	J					<0.011	U		<0.0085	U	
		VMP-21-33-020513	2/5/2013	<0.0068	U					<0.0045	U					<0.01	U		<0.0079	U	
		VMP-21-33-051013	5/10/2013	<0.0074	U					0.0066						<0.011	U		<0.0085	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
							1200						690			0.099			240		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-21	5 ft	VMP-21-5-020911	2/9/2011	<2.8	U		<2.8	U		<2.3	U		<1.9	U		<1.9	U		<1.8	U	
		VMP-21-5-020911-DUP	2/9/2011	<4.8	U		<4.8	U		<3.9	U		<3.2	U		<3.2	U		<3.2	U	
		VMP-21-5-041311	4/13/2011	<0.0079	U		<0.0079	J	U	0.0025	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-21-5-072511	7/25/2011	0.0013	J		<0.0083	J	U	0.0023	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-21-5-110111	11/1/2011	<0.0068	U		<0.0068	U		0.0022	J		<0.0046	U		<0.0046	U		<0.0045	U	
		VMP-21-5-012312	1/23/2012	<0.0058	J	U	<0.0058	U		0.0035	J		0.0034	J		<0.0039	U		<0.0038	U	
		VMP-21-5-012312-DUP	1/23/2012	<0.0054	J	U	<0.0054	U		0.0031	J		0.00082	J		<0.0036	U		<0.0035	U	
		VMP-21-5-042412	4/24/2012	<0.011	U		<0.011	J	U	0.0028	J		<0.0074	U		<0.0074	U		<0.0072	U	
		VMP-21-5-071012	7/10/2012	<0.0064	U		<0.0064	U		0.0021	J		<0.0043	U		<0.0043	U		<0.0042	U	
		VMP-21-5-100412	10/4/2012	<0.0093	U		<0.0093	U		0.002	J		<0.0063	U		<0.0063	U		<0.0062	U	
		VMP-21-5-020613	2/6/2013	<0.0085	U		<0.0085	U		0.0029	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-21-5-051013	5/10/2013	<0.0086	U		<0.0086	U		0.0022	J		<0.0058	U		<0.0058	U		<0.0057	U	
	10 ft	VMP-21-10-021011	2/10/2011	<2.5	U		<2.5	U		<2.1	U		<1.7	U		<1.7	U		<1.7	U	
		VMP-21-10-041311	4/13/2011	<0.32	U		<0.32	U		<0.26	U		<0.21	U		<0.21	U		<0.21	U	
		VMP-21-10-072511	7/25/2011	0.0033	J		<0.018	J	U	0.0025	J		<0.012	U		<0.012	U		<0.012	U	
		VMP-21-10-110111	11/1/2011	<0.0051	U		<0.0051	U		0.0022	J		<0.0035	U		<0.0035	U		<0.0034	U	
		VMP-21-10-012312	1/23/2012	<0.0058	U		<0.0058	U		0.0026	J		<0.0039	U		<0.0039	U		<0.0038	U	
		VMP-21-10-040912	4/9/2012	<0.0053	U		<0.0053	U		0.0023	J		<0.0035	U		<0.0035	U		<0.0035	U	
		VMP-21-10-071012	7/10/2012	<0.006	U		<0.006	U		<0.005	U		<0.0041	U		<0.0041	U		<0.004	U	
		VMP-21-10-100412	10/4/2012	<0.0085	U		<0.0085	U		0.0021	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-21-10-020513	2/5/2013	<0.0081	U		<0.0081	U		0.0022	J		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-21-10-020513-DUP	2/5/2013	<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-21-10-051013	5/10/2013	<0.0087	U		<0.0087	U		0.0026	J		<0.0059	U		<0.0059	U		<0.0058	U	
	25 ft	VMP-21-25-021011	2/10/2011	<7	U		<7	U		<5.8	U		<4.7	U		<4.7	U		<4.6	U	
		VMP-21-25-041411	4/14/2011	<24	U		<24	U		<20	U		<16	U		<16	U		<16	U	
		VMP-21-25-041411-DUP	4/14/2011	<24	U		<24	U		<20	U		<16	U		<16	U		<16	U	
		VMP-21-25-072611	7/26/2011	<7.9	U		<7.9	U		<6.5	U		<5.3	U		<5.3	U		<5.2	U	
		VMP-21-25-110511	11/5/2011	<5	U		<5	U		<4.2	U		<3.4	U		<3.4	U		<3.3	U	
		VMP-21-25-012412	1/24/2012	<0.07	U		<0.07	U		<0.057	U		<0.047	U		<0.047	U		<0.046	U	
		VMP-21-25-040912	4/9/2012	<0.0055	U		<0.0055	U		0.0042	J		<0.0037	U		<0.0037	U		<0.0036	U	
		VMP-21-25-071112	7/11/2012	<0.0055	U		<0.0055	U		0.0022	J		<0.0037	U		<0.0037	U		<0.0036	U	
		VMP-21-25-100412	10/4/2012	<0.0087	U		<0.0087	U		0.0026	J		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-21-25-020513	2/5/2013	<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-21-25-020513-DUP	2/5/2013	<0.0081	U		<0.0081	U		0.0027	J		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-21-25-051013	5/10/2013	<0.0089	U		<0.0089	U		0.0025	J		<0.006	U		<0.006	U		<0.0058	U	
	33 ft	VMP-21-33-021011	2/10/2011	<7	U		<7	U		<5.8	U		<4.7	U		<4.7	U		<4.6	U	
		VMP-21-33-041411	4/14/2011	<24	U		<24	U		<19	U		<16	U		<16	U		<16	U	
		VMP-21-33-110511	11/5/2011	<1.1	U		<1.1	U		<0.94	U		<0.77	U		<0.77	U		<0.76	U	
		VMP-21-33-012412	1/24/2012	<0.16	U		<0.16	U		<0.14	U		<0.11	U		<0.11	U		<0.11	U	
		VMP-21-33-042412	4/24/2012	<0.0056	U		<0.0056	J	U	0.0029	J		<0.0038	U		<0.0038	U		<0.0037	U	
		VMP-21-33-071112	7/11/2012	<0.0059	U		<0.0059	U		0.0031	J		<0.004	U		<0.004	U		<0.0039	U	
		VMP-21-33-100412	10/4/2012	<0.0085	U		<0.0085	U		0.0028	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-21-33-020513	2/5/2013	<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-21-33-051013	5/10/2013	<0.0085	U		<0.0085	U		0.003	J		<0.0057	U		<0.0057	U		<0.0056	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene		
				1100000			85			5.6			0.062			0.9			0.9		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-21	5 ft	VMP-21-5-020911	2/9/2011	<1.8	U		<1.8	U		<1.6	U		<2.2	U		<2.1	U		<2.1	U	
		VMP-21-5-020911-DUP	2/9/2011	<3.2	U		<3.2	U		<2.8	U		<3.7	U		<3.6	U		<3.6	U	
		VMP-21-5-041311	4/13/2011	<0.0052	U		<0.0052	U		0.00076	J		<0.0061	U		<0.006	U		<0.006	U	
		VMP-21-5-072511	7/25/2011	<0.0055	U		<0.0055	U		<0.0048	J	U	<0.0064	U		<0.0063	U		<0.0063	J	UJ
		VMP-21-5-110111	11/1/2011	<0.0045	U		<0.0045	U		<0.004	J	U	<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-21-5-012312	1/23/2012	<0.0038	U		<0.0038	U		<0.0034	J	U	<0.0045	U		<0.0044	U		<0.0044	J	U
		VMP-21-5-012312-DUP	1/23/2012	<0.0035	U		<0.0035	U		<0.0031	J	U	<0.0041	U		<0.0041	U		<0.0041	U	
		VMP-21-5-042412	4/24/2012	<0.0072	U		<0.0072	U		<0.064	J	U	<0.0084	U		<0.0083	U		<0.0083	U	
		VMP-21-5-071012	7/10/2012	<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-21-5-100412	10/4/2012	<0.0062	U		<0.0062	U		<0.054	J	U	<0.0072	U		<0.007	U		<0.007	U	
		VMP-21-5-020613	2/6/2013	<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U	
		VMP-21-5-051013	5/10/2013	<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U	
	10 ft	VMP-21-10-021011	2/10/2011	<1.7	U		<1.7	U		<1.4	U		<1.9	U		<1.9	U		<1.9	U	
		VMP-21-10-041311	4/13/2011	<0.21	U		<0.21	U		0.072	J		<0.24	U		<0.24	U		<0.24	U	
		VMP-21-10-072511	7/25/2011	<0.012	U		<0.012	U		0.0093	J		<0.014	U		<0.013	U		<0.013	J	UJ
		VMP-21-10-110111	11/1/2011	<0.0034	U		<0.0034	U		0.0038			<0.004	U		<0.0039	U		<0.0039	U	
		VMP-21-10-012312	1/23/2012	<0.0038	U		<0.0038	U		0.0047			<0.0045	U		<0.0044	U		<0.0044	J	U
		VMP-21-10-040912	4/9/2012	<0.0035	U		<0.0035	U		0.017	J		0.0012	J		<0.004	U		<0.004	U	
		VMP-21-10-071012	7/10/2012	<0.004	U		<0.004	U		0.0014	J		<0.0046	U		<0.0046	U		<0.0046	U	
		VMP-21-10-100412	10/4/2012	<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U	
		VMP-21-10-020513	2/5/2013	<0.0053	U		<0.0053	U		<0.047	J	U	<0.0062	U		<0.0061	U		<0.0061	U	
		VMP-21-10-020513-DUP	2/5/2013	<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-21-10-051013	5/10/2013	<0.0058	U		<0.0058	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U	
	25 ft	VMP-21-25-021011	2/10/2011	<4.6	U		<4.6	U		<4	U		<5.4	U		<5.3	U		<5.3	U	
		VMP-21-25-041411	4/14/2011	<16	U		<16	U		<14	U	UJ	<19	U		<18	U		<18	U	
		VMP-21-25-041411-DUP	4/14/2011	<16	U		<16	U		<14	U	UJ	<19	U		<18	U		<18	U	
		VMP-21-25-072611	7/26/2011	<5.2	U		<5.2	U		<4.6	U		<6.1	U		<6	U		<6	U	UJ
		VMP-21-25-110511	11/5/2011	<3.3	U		<3.3	U		2.4	J		<3.9	U		<3.8	U		<3.8	U	
		VMP-21-25-012412	1/24/2012	<0.046	U		<0.046	U		<0.04	U		<0.054	U		<0.053	U		<0.053	U	
		VMP-21-25-040912	4/9/2012	<0.0036	U		<0.0036	U		<0.032	U		<0.0042	U		<0.0042	U		<0.0042	U	
		VMP-21-25-071112	7/11/2012	<0.0036	U		<0.0036	U		0.0029	J		<0.0042	U		<0.0042	U		<0.0042	U	
		VMP-21-25-100412	10/4/2012	<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-21-25-020513	2/5/2013	<0.0051	U		<0.0051	U		<0.045	J	U	<0.006	U		<0.0058	U		<0.0058	U	
		VMP-21-25-020513-DUP	2/5/2013	<0.0053	U		<0.0053	U		<0.047	J	U	<0.0062	U		<0.0061	U		<0.0061	U	
		VMP-21-25-051013	5/10/2013	<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U	
	33 ft	VMP-21-33-021011	2/10/2011	<4.6	U		<4.6	U		<4	U		<5.4	U		<5.3	U		<5.3	U	
		VMP-21-33-041411	4/14/2011	<16	U		<16	U		<14	U	UJ	<18	U		<18	U		<18	U	
		VMP-21-33-110511	11/5/2011	<0.76	U		<0.76	U		0.54	J		<0.88	U		<0.87	U		<0.87	U	
		VMP-21-33-012412	1/24/2012	<0.11	U		<0.11	U		<0.095	U		<0.13	U		<0.12	U		<0.12	U	
		VMP-21-33-042412	4/24/2012	<0.0037	U		<0.0037	U		<0.032	J	U	<0.0043	U		<0.0042	U		<0.0042	U	
		VMP-21-33-071112	7/11/2012	<0.0039	U		<0.0039	U		0.0013	J		<0.0045	U		<0.0044	U		<0.0044	U	
		VMP-21-33-100412	10/4/2012	<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U	
		VMP-21-33-020513	2/5/2013	<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U	
		VMP-21-33-051013	5/10/2013	<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		<0.0064	U		<0.0064	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 113		
				0.22						1400											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-21	5 ft	VMP-21-5-020911	2/9/2011	<6.7	U		<3.5	U		<2	U		<2.3	U		<3.6	U		<3.6	U	
		VMP-21-5-020911-DUP	2/9/2011	<11	U		<6	U		<3.4	U		<3.9	U		<6.1	U		<6.1	U	
		VMP-21-5-041311	4/13/2011	<0.019	U		<0.0099	J	U	0.0099			0.0014	J		<0.01	U		<0.01	U	
		VMP-21-5-072511	7/25/2011	0.0076	J		0.017			0.0017	J		0.0018	J		<0.01	U		<0.01	U	
		VMP-21-5-110111	11/1/2011	<0.016	U		0.019			0.028			0.03			<0.0087	U		<0.0087	U	
		VMP-21-5-012312	1/23/2012	<0.014	U		0.017			0.00056	J		0.00074	J		<0.0074	U		<0.0074	U	
		VMP-21-5-012312-DUP	1/23/2012	<0.013	U		0.0088			0.00066	J		0.00086	J		<0.0068	U		<0.0068	U	
		VMP-21-5-042412	4/24/2012	<0.026	U		0.04			0.0027	J		<0.009	U		<0.014	U		<0.014	U	
		VMP-21-5-071012	7/10/2012	<0.015	U		0.15			0.036			0.025			<0.0081	U		<0.0081	U	
		VMP-21-5-100412	10/4/2012	<0.022	U		0.018			<0.0068	U		<0.0076	J	U	<0.012	U		<0.012	U	
		VMP-21-5-020613	2/6/2013	<0.02	U		0.0062	J		<0.0061	U		<0.0069	U		<0.011	U		<0.011	U	
		VMP-21-5-051013	5/10/2013	<0.021	U		<0.011	U		<0.0062	U		0.0033	J		<0.011	U		<0.011	U	
	10 ft	VMP-21-10-021011	2/10/2011	<6	U		<3.2	U		<1.8	U		<2.1	U		<3.2	U		<3.2	U	
		VMP-21-10-041311	4/13/2011	<0.76	U		<0.4	U		<0.23	U		<0.26	U		<0.41	U		<0.41	U	
		VMP-21-10-072511	7/25/2011	<0.042	U		0.085			<0.013	U		<0.014	U		<0.022	U		<0.022	U	
		VMP-21-10-110111	11/1/2011	<0.012	U		0.025			<0.0037	U		<0.0042	U		<0.0066	U		<0.0066	U	
		VMP-21-10-012312	1/23/2012	<0.014	U		0.015			0.00084	J		0.00064	J		<0.0074	U		<0.0074	U	
		VMP-21-10-040912	4/9/2012	<0.013	U		0.031			0.0041			0.0011	J		<0.0067	U		<0.0067	U	
		VMP-21-10-071012	7/10/2012	<0.014	U		0.0075			<0.0044	U		<0.0049	U		<0.0077	U		<0.0077	U	
		VMP-21-10-100412	10/4/2012	<0.02	U		0.025			0.0029	J		<0.0069	J	U	<0.011	U		<0.011	U	
		VMP-21-10-020513	2/5/2013	<0.019	U		0.0033	J		<0.0058	U		<0.0066	U		<0.01	U		<0.01	U	
		VMP-21-10-020513-DUP	2/5/2013	<0.018	U		0.002	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0096	U	
		VMP-21-10-051013	5/10/2013	<0.021	U		<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.011	U	
	25 ft	VMP-21-25-021011	2/10/2011	<17	U		<8.8	U		<5	U		<5.7	U		<8.9	U		<8.9	U	
		VMP-21-25-041411	4/14/2011	<59	U		<31	U		<18	U		<20	U		<31	U		<31	U	
		VMP-21-25-041411-DUP	4/14/2011	<59	U		<31	U		<18	U		<20	U		<31	U		<31	U	
		VMP-21-25-072611	7/26/2011	<19	U		<9.9	U		<5.7	U		<6.5	U		<10	U		<10	U	
		VMP-21-25-110511	11/5/2011	<12	U		2.9	J		<3.6	U		<4.1	U		<6.4	U		<6.4	U	
		VMP-21-25-012412	1/24/2012	<0.17	U		<0.087	J	U	<0.05	U		<0.057	U		<0.089	U		<0.089	U	
		VMP-21-25-040912	4/9/2012	<0.013	U		0.018			0.003	J		<0.0045	U		0.0063	J		0.0063	J	
		VMP-21-25-071112	7/11/2012	<0.013	U		0.016			<0.004	U		<0.0045	J	U	<0.007	U		<0.007	U	
		VMP-21-25-100412	10/4/2012	<0.021	U		0.018			<0.0063	U		<0.0071	U		<0.011	U		<0.011	U	
		VMP-21-25-020513	2/5/2013	<0.018	U		0.0044	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.0099	U	
		VMP-21-25-020513-DUP	2/5/2013	<0.019	U		0.0037	J		<0.0058	U		<0.0066	U		<0.01	U		<0.01	U	
		VMP-21-25-051013	5/10/2013	<0.021	U		<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.011	U	
	33 ft	VMP-21-33-021011	2/10/2011	<17	U		<8.8	U		<5	U		<5.7	U		<8.9	U		<8.9	U	
		VMP-21-33-041411	4/14/2011	<57	U		3.8	J		<17	U		<19	U		<30	U		<30	U	
		VMP-21-33-110511	11/5/2011	<2.8	U		0.5	J		<0.83	U		<0.94	U		<1.5	U		<1.5	U	
		VMP-21-33-012412	1/24/2012	<0.39	U		<0.21	U		<0.12	U		<0.13	U		<0.21	U		<0.21	U	
		VMP-21-33-042412	4/24/2012	<0.013	U		0.013			0.0021	J		0.0014	J		<0.0072	U		<0.0072	U	
		VMP-21-33-071112	7/11/2012	<0.014	U		0.0067	J		<0.0042	U		<0.0048	U		<0.0075	U		<0.0075	U	
		VMP-21-33-100412	10/4/2012	<0.02	U		0.021			0.0028	J		<0.0069	J	U	<0.011	U		<0.011	U	
		VMP-21-33-020513	2/5/2013	<0.019	U		<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.01	U	
		VMP-21-33-051013	5/10/2013	<0.02	U		<0.011	U		<0.0062	U		0.002	J		<0.011	U		<0.011	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Freon 114			Heptadecane			Heptane			Hexachlorobutadiene			Hexane			Hexane, 2,2,4-trimethyl-		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-21	5 ft	VMP-21-5-020911	2/9/2011	<3.2	U					16			<20	U		150					
		VMP-21-5-020911-DUP	2/9/2011	<5.6	U					12			<34	U		120					
		VMP-21-5-041311	4/13/2011	<0.0092	U					0.63			<0.056	U		1.4					
		VMP-21-5-072511	7/25/2011	<0.0096	U					0.0025	J		<0.059	U		0.0019	J				
		VMP-21-5-110111	11/1/2011	<0.008	U					0.0049			<0.049	U		0.0056					
		VMP-21-5-012312	1/23/2012	<0.0068	U					0.0011	J		<0.041	U		0.001	J				
		VMP-21-5-012312-DUP	1/23/2012	<0.0062	U					0.00068	J		<0.038	U		0.001	J				
		VMP-21-5-042412	4/24/2012	<0.013	U					<0.0075	U		<0.078	U		0.0084					
		VMP-21-5-071012	7/10/2012	<0.0074	U					0.0027	J		<0.045	U		0.0035	J				
		VMP-21-5-100412	10/4/2012	<0.011	U					0.0022	J		<0.066	U		0.0012	J				
		VMP-21-5-020613	2/6/2013	<0.0098	U					<0.0058	U		<0.06	U		<0.005	U				
		VMP-21-5-051013	5/10/2013	<0.01	U					0.016			<0.061	U		0.029					
	10 ft	VMP-21-10-021011	2/10/2011	<2.9	U					14			<18	U		130					
		VMP-21-10-041311	4/13/2011	<0.37	U					<0.22	U		<2.3	U		0.16	J				
		VMP-21-10-072511	7/25/2011	<0.02	U					0.008	J		<0.12	U		0.0041	J				
		VMP-21-10-110111	11/1/2011	<0.006	U					<0.0035	U		<0.036	U		<0.003	U				
		VMP-21-10-012312	1/23/2012	<0.0068	U					0.0017	J		<0.041	U		0.0015	J				
		VMP-21-10-040912	4/9/2012	<0.0061	U					0.022			<0.037	U		0.028					
		VMP-21-10-071012	7/10/2012	<0.007	U					<0.0041	U		<0.043	U		<0.0035	U				
		VMP-21-10-100412	10/4/2012	<0.0098	U					0.0044	J		<0.06	U		0.002	J				
		VMP-21-10-020513	2/5/2013	<0.0094	U					0.0019	J		<0.057	U		0.0028	J				
		VMP-21-10-020513-DUP	2/5/2013	<0.0088	U					0.0021	J		<0.054	U		0.0021	J				
		VMP-21-10-051013	5/10/2013	<0.01	U					<0.006	U		<0.062	U		0.0051					
	25 ft	VMP-21-25-021011	2/10/2011	<8.1	U					380			<50	U		1200					
		VMP-21-25-041411	4/14/2011	<28	U					310			<170	U		820					
		VMP-21-25-041411-DUP	4/14/2011	<28	U					320			<170	U		820					
		VMP-21-25-072611	7/26/2011	<9.2	U					230			<56	U		680					
		VMP-21-25-110511	11/5/2011	<5.9	U					3.4	J		<36	U		5.8					
		VMP-21-25-012412	1/24/2012	<0.081	U					<0.048	U		<0.49	U		<0.041	U				
		VMP-21-25-040912	4/9/2012	<0.0064	U					0.02			<0.039	U		0.028					
		VMP-21-25-071112	7/11/2012	<0.0064	U					0.0019	J		<0.039	U		<0.0032	U				
		VMP-21-25-100412	10/4/2012	<0.01	U					0.0021	J		<0.062	U		0.0013	J				
		VMP-21-25-020513	2/5/2013	<0.009	U					0.0015	J		<0.055	U		0.0033	J				
		VMP-21-25-020513-DUP	2/5/2013	<0.0094	U					0.0017	J		<0.057	U		0.0028	J				
		VMP-21-25-051013	5/10/2013	<0.01	U					<0.006	U		<0.063	U		<0.0052	U				
	33 ft	VMP-21-33-021011	2/10/2011	<8.1	U					530			<50	U		1400					
		VMP-21-33-041411	4/14/2011	<28	U					330			<170	U		880					
		VMP-21-33-110511	11/5/2011	<1.3	U					0.34	J		<8.1	U		0.62	J				
		VMP-21-33-012412	1/24/2012	<0.19	U					<0.11	U		<1.2	U		0.62		J			
		VMP-21-33-042412	4/24/2012	<0.0065	U					<0.0038	U		<0.04	U		0.0072					
		VMP-21-33-071112	7/11/2012	<0.0068	U					<0.004	U		<0.042	U		<0.0034	U				
		VMP-21-33-100412	10/4/2012	<0.0098	U					0.0044	J		<0.06	U		0.0025	J				
		VMP-21-33-020513	2/5/2013	<0.0092	U					<0.0054	U		<0.056	U		0.0012	J				
		VMP-21-33-051013	5/10/2013	<0.0099	U					0.011			<0.06	U		0.016					

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Hexane, 3,4-dimethyl-			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
													600						3400		
				Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-21	5 ft	VMP-21-5-020911	2/9/2011				<7.6	U					<2.3	U		<1.9	U		<1.7	U	
		VMP-21-5-020911-DUP	2/9/2011				<13	U					<3.9	U		<3.2	U		<2.9	U	
		VMP-21-5-041311	4/13/2011				<0.022	U		0.74			0.0014	J		<0.0054	U		<0.0048	U	
		VMP-21-5-072511	7/25/2011				0.0034	J	J	<0.016	U		0.04			0.17			<0.005	U	
		VMP-21-5-110111	11/1/2011				<0.019	U		0.0039	J		0.0064			0.024			<0.0041	U	
		VMP-21-5-012312	1/23/2012				<0.016	U		<0.011	U		0.0026	J		0.013			<0.0035	U	
		VMP-21-5-012312-DUP	1/23/2012				<0.015	U		<0.01	U		0.0024	J		0.013			<0.0032	U	
		VMP-21-5-042412	4/24/2012				<0.03	U		0.35			0.013			0.042			<0.0066	U	
		VMP-21-5-071012	7/10/2012				<0.017	J	U	0.0065	J		0.0027	J		<0.0043	J	U	<0.0038	U	
		VMP-21-5-100412	10/4/2012				<0.025	U		<0.018	U		0.021			0.11			<0.0056	U	
		VMP-21-5-020613	2/6/2013				<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U	
		VMP-21-5-051013	5/10/2013				<0.023	U		0.53			0.0016	J		<0.0058	U		<0.0052	U	
	10 ft	VMP-21-10-021011	2/10/2011				<6.9	U					<2.1	U		<1.7	U		<1.5	U	
		VMP-21-10-041311	4/13/2011				<0.87	U		50			<0.26	U		<0.22	U		<0.19	U	
		VMP-21-10-072511	7/25/2011				<0.048	U	UJ	0.087			0.027			0.045			<0.01	U	
		VMP-21-10-110111	11/1/2011				<0.014	U		0.0055	J		<0.0042	J	U	0.021			<0.0031	U	
		VMP-21-10-012312	1/23/2012				<0.016	U		<0.011	U		0.0021	J		0.016			<0.0035	U	
		VMP-21-10-040912	4/9/2012				<0.014	U		1.2			0.0093			0.024			<0.0032	U	
		VMP-21-10-071012	7/10/2012				<0.016	U		0.0043	J		<0.0049	U		<0.0041	U		<0.0036	U	
		VMP-21-10-100412	10/4/2012				<0.023	U		0.0075	J		0.025			0.15			<0.0051	U	
		VMP-21-10-020513	2/5/2013				<0.022	U		0.0066	J		<0.0066	U		<0.0055	U		<0.0048	U	
		VMP-21-10-020513-DUP	2/5/2013				<0.021	U		0.0027	J		<0.0062	U		<0.0052	U		<0.0045	U	
		VMP-21-10-051013	5/10/2013				<0.024	U		0.02			<0.0072	U		<0.006	U		<0.0052	U	
	25 ft	VMP-21-25-021011	2/10/2011				<19	U					<5.7	U		<4.8	U		<4.2	U	
		VMP-21-25-041411	4/14/2011				<67	U		9200			<20	U		<17	U		<15	U	
		VMP-21-25-041411-DUP	4/14/2011				<67	U		9200			<20	U		<17	U		<15	U	
		VMP-21-25-072611	7/26/2011				<22	U	UJ				<6.5	U		<5.4	U		<4.8	U	
		VMP-21-25-110511	11/5/2011				<14	U		770			<4.1	U		<3.4	U		<3	U	
		VMP-21-25-012412	1/24/2012				<0.19	U		0.35			<0.057	U		<0.048	U		<0.042	U	
		VMP-21-25-040912	4/9/2012				<0.015	U		0.12			0.01			0.024			<0.0033	U	
		VMP-21-25-071112	7/11/2012				<0.015	U		0.012			<0.0045	J	U	0.0035	J		<0.0033	U	
		VMP-21-25-100412	10/4/2012				<0.024	U		0.013	J		0.02			0.095			<0.0052	U	
		VMP-21-25-020513	2/5/2013				<0.021	U		0.0083	J		<0.0063	U		<0.0053	U		<0.0046	U	
		VMP-21-25-020513-DUP	2/5/2013				<0.022	U		0.011	J		<0.0066	U		0.0016	J		<0.0048	U	
		VMP-21-25-051013	5/10/2013				<0.024	U		0.03			<0.0072	U		<0.006	U		<0.0053	U	
	33 ft	VMP-21-33-021011	2/10/2011				<19	U					<5.7	U		<4.8	U		<4.2	U	
		VMP-21-33-041411	4/14/2011				<64	U		9500			<19	U		<16	U		<14	U	
		VMP-21-33-110511	11/5/2011				<3.1	U		93			<0.94	U		<0.78	U		<0.69	U	
		VMP-21-33-012412	1/24/2012				<0.45	U		3.9		J	<0.13	U		<0.11	U		<0.099	U	
		VMP-21-33-042412	4/24/2012				<0.015	U		0.29			0.0091			0.033			<0.0034	U	
		VMP-21-33-071112	7/11/2012				<0.016	J	U	0.0091	J		<0.0048	U		<0.004	U		<0.0035	U	
		VMP-21-33-100412	10/4/2012				<0.023	U		0.012	J		0.02			0.093			<0.0051	U	
		VMP-21-33-020513	2/5/2013				<0.022	U		0.0042	J		<0.0065	U		<0.0054	U		<0.0048	U	
		VMP-21-33-051013	5/10/2013				<0.023	U		0.18			<0.007	U		<0.0058	U		<0.0051	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Pentane, 2,2,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,4-dimethyl-			Pentane, 2-methyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-21	5 ft	VMP-21-5-020911	2/9/2011																		
		VMP-21-5-020911-DUP	2/9/2011																		
		VMP-21-5-041311	4/13/2011																		
		VMP-21-5-072511	7/25/2011																		
		VMP-21-5-110111	11/1/2011																		
		VMP-21-5-012312	1/23/2012																		
		VMP-21-5-012312-DUP	1/23/2012																		
		VMP-21-5-042412	4/24/2012																		
		VMP-21-5-071012	7/10/2012																		
		VMP-21-5-100412	10/4/2012																		
		VMP-21-5-020613	2/6/2013																		
		VMP-21-5-051013	5/10/2013																		
	10 ft	VMP-21-10-021011	2/10/2011																		
		VMP-21-10-041311	4/13/2011																		
		VMP-21-10-072511	7/25/2011																		
		VMP-21-10-110111	11/1/2011																		
		VMP-21-10-012312	1/23/2012																		
		VMP-21-10-040912	4/9/2012																		
		VMP-21-10-071012	7/10/2012																		
		VMP-21-10-100412	10/4/2012																		
		VMP-21-10-020513	2/5/2013																		
		VMP-21-10-020513-DUP	2/5/2013																		
		VMP-21-10-051013	5/10/2013																		
	25 ft	VMP-21-25-021011	2/10/2011																		
		VMP-21-25-041411	4/14/2011																		
		VMP-21-25-041411-DUP	4/14/2011																		
		VMP-21-25-072611	7/26/2011																		
		VMP-21-25-110511	11/5/2011																		
		VMP-21-25-012412	1/24/2012																		
		VMP-21-25-040912	4/9/2012																		
		VMP-21-25-071112	7/11/2012																		
		VMP-21-25-100412	10/4/2012																		
		VMP-21-25-020513	2/5/2013																		
		VMP-21-25-020513-DUP	2/5/2013																		
		VMP-21-25-051013	5/10/2013																		
	33 ft	VMP-21-33-021011	2/10/2011																		
		VMP-21-33-041411	4/14/2011																		
		VMP-21-33-110511	11/5/2011																		
		VMP-21-33-012412	1/24/2012																		
		VMP-21-33-042412	4/24/2012																		
		VMP-21-33-071112	7/11/2012																		
		VMP-21-33-100412	10/4/2012																		
		VMP-21-33-020513	2/5/2013																		
		VMP-21-33-051013	5/10/2013																		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrachloroethene		
										1400						0.55			0.55		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-21	5 ft	VMP-21-5-020911	2/9/2011	<4.6	U		<2.3	U		<2	U		<3.2	U		<3.2	U		<3.2	U	
		VMP-21-5-020911-DUP	2/9/2011	<7.8	U		<3.9	U		<3.4	U		<5.4	U		<5.4	U		<5.4	U	
		VMP-21-5-041311	4/13/2011	<0.013	U		0.0016	J		<0.0056	U		<0.0091	U		0.011			0.011		
		VMP-21-5-072511	7/25/2011	0.026			<0.0068	J	U	0.0023	J		<0.0095	U		0.0058	J	J	0.0058	J	J
		VMP-21-5-110111	11/1/2011	0.012			0.016			<0.0048	U		<0.0078	U		<0.0077	U		<0.0077	U	
		VMP-21-5-012312	1/23/2012	0.0048	J		<0.0048	J	U	0.00053	J		<0.0066	U		0.001	J		0.001	J	
		VMP-21-5-012312-DUP	1/23/2012	0.0056	J		<0.0044	J	U	<0.0038	U		<0.0061	U		0.00076	J		0.00076	J	
		VMP-21-5-042412	4/24/2012	0.025			<0.009	U		<0.0078	U		<0.012	U		<0.012	U		<0.012	U	
		VMP-21-5-071012	7/10/2012	0.21			0.0084			0.0015	J		<0.0073	U		<0.0072	U		<0.0072	U	
		VMP-21-5-100412	10/4/2012	0.014	J		<0.0076	U		<0.0066	U		<0.011	U		0.0055	J		0.0055	J	
		VMP-21-5-020613	2/6/2013	0.0033	J		<0.0069	U		<0.006	U		<0.0097	U		<0.0096	J	U	<0.0096	J	U
		VMP-21-5-051013	5/10/2013	0.013	J		0.0019	J		<0.0061	U		<0.0098	U		<0.0097	U		<0.0097	U	
	10 ft	VMP-21-10-021011	2/10/2011	<4.1	U		<2.1	U		<1.8	U		<2.9	U		<2.8	U		<2.8	U	
		VMP-21-10-041311	4/13/2011	0.16	J		<0.26	U		0.051	J		<0.36	U		<0.36	U		<0.36	U	
		VMP-21-10-072511	7/25/2011	0.013	J		<0.014	U		<0.012	J	U	<0.02	U		0.0087	J	J	0.0087	J	J
		VMP-21-10-110111	11/1/2011	0.014			<0.0042	U		<0.0036	U		<0.0059	U		0.0059			0.0059		
		VMP-21-10-012312	1/23/2012	0.009	J		<0.0048	J	U	0.00052	J		<0.0066	U		0.0035	J		0.0035	J	
		VMP-21-10-040912	4/9/2012	0.037			0.0006	J		0.0029	J		<0.006	U		<0.0059	U		<0.0059	U	
		VMP-21-10-071012	7/10/2012	0.0022	J		<0.0049	U		<0.0043	U		<0.0069	U		0.0025	J		0.0025	J	
		VMP-21-10-100412	10/4/2012	0.024			<0.0069	J	U	<0.006	U		<0.0097	U		0.0074	J		0.0074	J	
		VMP-21-10-020513	2/5/2013	0.0061	J		<0.0066	U		<0.0057	U		<0.0092	U		0.01			0.01		
		VMP-21-10-020513-DUP	2/5/2013	0.006	J		<0.0062	U		<0.0054	U		<0.0086	U		0.0096			0.0096		
		VMP-21-10-051013	5/10/2013	0.0067	J		<0.0072	U		<0.0062	U		<0.01	U		0.0079	J		0.0079	J	
	25 ft	VMP-21-25-021011	2/10/2011	<11	U		<5.7	U		<5	U		<8	U		<7.9	U		<7.9	U	
		VMP-21-25-041411	4/14/2011	<40	UJ	UJ	<20	U		<17	U		<28	U		<28	U		<28	U	
		VMP-21-25-041411-DUP	4/14/2011	<40	UJ	UJ	<20	U		<17	U		<28	U		<28	U		<28	U	
		VMP-21-25-072611	7/26/2011	<13	U		<6.5	U		<5.6	U		<9.1	U		<9	U	UJ	<9	U	UJ
		VMP-21-25-110511	11/5/2011	2.2	J		<4.1	U		<3.6	U		<5.8	U		1.5	J		1.5	J	
		VMP-21-25-012412	1/24/2012	<0.11	U		<0.057	U		<0.049	U		<0.08	U		<0.079	U		<0.079	U	
		VMP-21-25-040912	4/9/2012	0.012			<0.0045	U		<0.0039	U		<0.0063	U		0.0074			0.0074		
		VMP-21-25-071112	7/11/2012	0.015			<0.0045	J	U	<0.0039	U		<0.0063	U		0.0091			0.0091		
		VMP-21-25-100412	10/4/2012	0.014	J		<0.0071	U		<0.0062	U		<0.0099	U		0.039			0.039		
		VMP-21-25-020513	2/5/2013	0.0083	J		<0.0063	U		<0.0055	U		<0.0088	U		0.1			0.1		
		VMP-21-25-020513-DUP	2/5/2013	0.0084	J		<0.0066	U		<0.0057	U		<0.0092	U		0.11			0.11		
		VMP-21-25-051013	5/10/2013	0.0043	J		<0.0072	U		<0.0063	U		<0.01	U		0.07			0.07		
	33 ft	VMP-21-33-021011	2/10/2011	<11	U		<5.7	U		<5	U		<8	U		<7.9	U		<7.9	U	
		VMP-21-33-041411	4/14/2011	<39	UJ	UJ	<19	U		<17	U		<27	U		<27	U		<27	U	
		VMP-21-33-110511	11/5/2011	0.4	J		<0.94	U		<0.81	U		<1.3	U		0.35	J		0.35	J	
		VMP-21-33-012412	1/24/2012	<0.27	U		<0.13	U		<0.12	U		<0.19	U		<0.18	U		<0.18	U	
		VMP-21-33-042412	4/24/2012	0.015			<0.0046	U		0.00092	J		<0.0064	U		0.012			0.012		
		VMP-21-33-071112	7/11/2012	0.0034	J		<0.0048	U		<0.0042	U		<0.0067	U		0.0022	J		0.0022	J	
		VMP-21-33-100412	10/4/2012	0.027			<0.0069	U		<0.006	J	U	<0.0097	U		0.01			0.01		
		VMP-21-33-020513	2/5/2013	0.029			<0.0065	U		<0.0056	U		<0.0091	U		0.034			0.034		
		VMP-21-33-051013	5/10/2013	0.0052	J		0.0013	J		<0.006	U		<0.0097	U		0.041			0.041		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							6200			11			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-21	5 ft	VMP-21-5-020911	2/9/2011	<1.4	U		<1.8	U		<14	U		<2.5	U		<2.5	U		<2.5	U	
		VMP-21-5-020911-DUP	2/9/2011	<2.3	U		<3	U		<24	U		<4.3	U		<4.3	U		<4.3	U	
		VMP-21-5-041311	4/13/2011	<0.0039	U		0.0027	J		<0.039	J	U	<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-21-5-072511	7/25/2011	<0.0041	U		0.026			<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-21-5-110111	11/1/2011	0.0011	J		0.0074			<0.034	U		<0.0062	U		<0.0062	U		<0.0061	U	
		VMP-21-5-012312	1/23/2012	<0.0029	U		0.0052			<0.029	J	U	0.0032	J		<0.0053	U		0.0043	J	
		VMP-21-5-012312-DUP	1/23/2012	<0.0026	U		0.0057			<0.026	U		0.0012	J		<0.0049	U		0.0022	J	
		VMP-21-5-042412	4/24/2012	<0.0054	U		0.011			<0.054	U		<0.01	U		<0.01	U		<0.0098	U	
		VMP-21-5-071012	7/10/2012	0.02			0.01			<0.031	U		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-21-5-100412	10/4/2012	<0.0046	U		0.013			<0.046	U		<0.0085	U		<0.0085	U		<0.0084	U	
		VMP-21-5-020613	2/6/2013	<0.0042	U		<0.0053	J	U	<0.042	J	U	<0.0077	U		<0.0077	U		<0.0076	U	
		VMP-21-5-051013	5/10/2013	<0.0042	U		0.0021	J		<0.042	U		<0.0078	U		<0.0078	U		<0.0077	U	
	10 ft	VMP-21-10-021011	2/10/2011	<1.2	U		<1.6	U		<12	U		<2.3	U		<2.3	U		<2.2	U	
		VMP-21-10-041311	4/13/2011	<0.16	U		<0.2	U		<1.6	U		<0.29	U		<0.29	U		0.17	J	
		VMP-21-10-072511	7/25/2011	<0.0086	U		0.031			<0.087	U		<0.016	U		<0.016	U		<0.016	U	
		VMP-21-10-110111	11/1/2011	0.0045			0.0073			<0.025	U		<0.0047	U		<0.0047	U		<0.0046	U	
		VMP-21-10-012312	1/23/2012	<0.0029	U		0.0062			<0.029	U		<0.0053	U		<0.0053	U		0.0017	J	
		VMP-21-10-040912	4/9/2012	<0.0026	U		0.059			<0.026	U		<0.0048	U		<0.0048	U		0.0095		
		VMP-21-10-071012	7/10/2012	0.0038			<0.0038	J	U	<0.03	U		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-21-10-100412	10/4/2012	<0.0042	U		0.016			<0.042	U		<0.0077	U		<0.0077	U		<0.0076	U	
		VMP-21-10-020513	2/5/2013	<0.004	U		<0.0051	J	U	<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U	
		VMP-21-10-020513-DUP	2/5/2013	<0.0037	U		<0.0047	J	U	<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-21-10-051013	5/10/2013	<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U	
	25 ft	VMP-21-25-021011	2/10/2011	<3.4	U		<4.4	U		<34	U		<6.4	U		<6.4	U		<6.3	U	
		VMP-21-25-041411	4/14/2011	<12	U	UJ	<15	U		<120	U		<22	U		<22	U		<22	U	
		VMP-21-25-041411-DUP	4/14/2011	<12	U	UJ	<15	U		<120	U		<22	U		<22	U		<22	U	
		VMP-21-25-072611	7/26/2011	<3.9	U		<5	U		<39	U		<7.2	U		<7.2	U		<7.1	U	
		VMP-21-25-110511	11/5/2011	<2.5	U		2.4	J		<25	U		<4.6	U		<4.6	U		<4.5	U	
		VMP-21-25-012412	1/24/2012	<0.034	U		<0.044	U		<0.34	U		<0.063	U		<0.063	U		<0.062	U	
		VMP-21-25-040912	4/9/2012	0.0014	J		0.017			<0.027	U		<0.005	U		<0.005	U		0.0021	J	
		VMP-21-25-071112	7/11/2012	0.0013	J		0.0067			<0.027	U		<0.005	U		<0.005	U		<0.0049	U	
		VMP-21-25-100412	10/4/2012	<0.0043	U		0.0092			<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U	
		VMP-21-25-020513	2/5/2013	<0.0038	U		<0.0049	J	U	<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
		VMP-21-25-020513-DUP	2/5/2013	<0.004	U		<0.0051	J	U	<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U	
		VMP-21-25-051013	5/10/2013	<0.0043	U		<0.0056	U		<0.044	U		<0.008	U		<0.008	U		<0.0079	U	
	33 ft	VMP-21-33-021011	2/10/2011	<3.4	U		<4.4	U		<34	U		<6.4	U		<6.4	U		<6.3	U	
		VMP-21-33-041411	4/14/2011	<12	U	UJ	8.9	J		<120	U		<21	U		<21	U		<21	U	
		VMP-21-33-110511	11/5/2011	<0.56	U		0.55	J		<5.7	U		<1	U		<1	U		<1	U	
		VMP-21-33-012412	1/24/2012	<0.081	U		0.033	J	J	<0.81	U		<0.15	U		<0.15	U		<0.15	U	
		VMP-21-33-042412	4/24/2012	<0.0028	U		0.0082			<0.028	U		<0.0051	U		<0.0051	U		<0.005	J	U
		VMP-21-33-071112	7/11/2012	0.0017	J		<0.0037	J	U	<0.029	U		<0.0053	U		<0.0053	U		<0.0053	U	
		VMP-21-33-100412	10/4/2012	<0.0042	U		0.012			<0.042	U		<0.0077	U		<0.0077	U		<0.0076	U	
		VMP-21-33-020513	2/5/2013	<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-21-33-051013	5/10/2013	<0.0042	U		<0.0054	U		<0.042	U		<0.0077	U		<0.0077	U		<0.0076	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride		
				860			860												0.29		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-21	5 ft	VMP-21-5-020911	2/9/2011	<2.6	U		<2.6	U		<2.3	U		<2.3	U		830			<1.2	U	
		VMP-21-5-020911-DUP	2/9/2011	<4.5	U		<4.5	U		<3.9	U		<3.9	U		660			<2	U	
		VMP-21-5-041311	4/13/2011	0.0012	J		0.0012	J		0.0014	J		<0.0065	U		1.6			<0.0034	U	
		VMP-21-5-072511	7/25/2011	0.0013	J		0.0013	J		<0.0068	J	U	<0.0068	U		0.0035	J		<0.0035	U	
		VMP-21-5-110111	11/1/2011	<0.0064	U		<0.0064	U		0.13			0.033			0.016			<0.0029	U	
		VMP-21-5-012312	1/23/2012	0.0011	J		0.0011	J		<0.0048	U		<0.0048	U		0.0015	J		<0.0025	U	
		VMP-21-5-012312-DUP	1/23/2012	0.0011	J		0.0011	J		<0.0044	U		<0.0044	U		0.0018	J		<0.0023	U	
		VMP-21-5-042412	4/24/2012	<0.01	U		<0.01	U		<0.009	U		<0.009	U		1.3			<0.0047	U	
		VMP-21-5-071012	7/10/2012	0.0016	J		0.0016	J		0.048			0.018			<0.005	U		<0.0027	U	
		VMP-21-5-100412	10/4/2012	<0.0087	U		<0.0087	U		<0.0076	U		<0.0076	U		0.0052	J		<0.004	U	
		VMP-21-5-020613	2/6/2013	0.0014	J		0.0014	J		<0.0069	U		<0.0069	U		0.0012	J		<0.0036	U	
		VMP-21-5-051013	5/10/2013	<0.008	U		<0.008	U		0.0026	J		<0.007	U		0.11			<0.0036	U	
	10 ft	VMP-21-10-021011	2/10/2011	<2.4	U		<2.4	U		<2.1	U		<2.1	U		480			<1.1	U	
		VMP-21-10-041311	4/13/2011	<0.3	U		<0.3	U		<0.26	U		<0.26	U		42			<0.14	U	
		VMP-21-10-072511	7/25/2011	0.0029	J		0.0029	J		<0.014	J	U	<0.014	U		<0.014	U		<0.0075	U	
		VMP-21-10-110111	11/1/2011	0.0014	J		0.0014	J		<0.0042	U		<0.0042	U		<0.004	U		<0.0022	U	
		VMP-21-10-012312	1/23/2012	0.0014	J		0.0014	J		<0.0048	U		<0.0048	U		0.0045			<0.0025	U	
		VMP-21-10-040912	4/9/2012	<0.0049	U		<0.0049	U		0.001	J		<0.0043	U		0.79			<0.0022	U	
		VMP-21-10-071012	7/10/2012	0.0012	J		0.0012	J		<0.0049	J	U	<0.0049	U		<0.0047	U		<0.0026	U	
		VMP-21-10-100412	10/4/2012	<0.0079	U		<0.0079	U		<0.0069	J	U	<0.0069	U		0.017			<0.0036	U	
		VMP-21-10-020513	2/5/2013	<0.0076	J	U	<0.0076	J	U	<0.0066	U		<0.0066	U		0.026			<0.0034	U	
		VMP-21-10-020513-DUP	2/5/2013	<0.0071	J	U	<0.0071	J	U	<0.0062	U		<0.0062	U		0.03			<0.0032	U	
		VMP-21-10-051013	5/10/2013	<0.0082	U		<0.0082	U		<0.0072	U		<0.0072	U		0.014			<0.0037	U	
	25 ft	VMP-21-25-021011	2/10/2011	<6.5	U		<6.5	U		<5.7	U		<5.7	U		1700			<3	U	
		VMP-21-25-041411	4/14/2011	<23	U		<23	U		<20	U		<20	U		1200			<10	U	
		VMP-21-25-041411-DUP	4/14/2011	<23	U		<23	U		<20	U		<20	U		1200			<10	U	
		VMP-21-25-072611	7/26/2011	<7.4	U		<7.4	U		<6.5	U		<6.5	U		1500			<3.4	U	
		VMP-21-25-110511	11/5/2011	<4.7	U		<4.7	U		<4.1	U		<4.1	U		160			<2.1	U	
		VMP-21-25-012412	1/24/2012	<0.065	U		<0.065	U		<0.23	U		<0.057	U		16			<0.03	U	
		VMP-21-25-040912	4/9/2012	<0.0051	U		<0.0051	U		<0.0045	U		<0.0045	U		1.2			<0.0023	U	
		VMP-21-25-071112	7/11/2012	0.0011	J		0.0011	J		<0.0045	J	U	<0.0045	U		0.015			<0.0023	U	
		VMP-21-25-100412	10/4/2012	0.0016	J		0.0016	J		<0.0071	U		<0.0071	U		0.073			<0.0037	U	
		VMP-21-25-020513	2/5/2013	<0.0072	J	U	<0.0072	J	U	<0.0063	U		<0.0063	U		0.024			<0.0033	U	
		VMP-21-25-020513-DUP	2/5/2013	<0.0076	J	U	<0.0076	J	U	<0.0066	U		<0.0066	U		0.014			<0.0034	U	
		VMP-21-25-051013	5/10/2013	<0.0083	U		<0.0083	U		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U	
	33 ft	VMP-21-33-021011	2/10/2011	<6.5	U		<6.5	U		<5.7	U		<5.7	U		1800			<3	U	
		VMP-21-33-041411	4/14/2011	<22	U		<22	U		<19	U		<19	U		1300			<10	U	
		VMP-21-33-110511	11/5/2011	<1.1	U		<1.1	U		<0.94	U		<0.94	U		69			<0.49	U	
		VMP-21-33-012412	1/24/2012	<0.15	U		<0.15	U		<0.54	U		<0.13	U		54		J	<0.07	U	
		VMP-21-33-042412	4/24/2012	<0.0052	U		<0.0052	U		<0.0046	J	U	<0.0046	U		0.58			<0.0024	U	
		VMP-21-33-071112	7/11/2012	<0.0055	U		<0.0055	U		<0.0048	J	U	<0.0048	U		<0.0046	U		<0.0025	U	
		VMP-21-33-100412	10/4/2012	<0.0079	U		<0.0079	U		<0.0069	J	U	<0.0069	U		0.038			<0.0036	U	
		VMP-21-33-020513	2/5/2013	<0.0074	U		<0.0074	U		<0.0065	U		<0.0065	U		0.01			<0.0034	U	
		VMP-21-33-051013	5/10/2013	<0.008	U		<0.008	U		<0.007	J	U	<0.007	U		0.059			<0.0036	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	m,p-Xylenes			o-Xylenes			Isobutane			Isobutane			Pentane		
				130			120											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-21	5 ft	VMP-21-5-020911	2/9/2011	<2	U		<2	U										
		VMP-21-5-020911-DUP	2/9/2011	<3.4	U		<3.4	U										
		VMP-21-5-041311	4/13/2011	0.0035	J		<0.0057	U										
		VMP-21-5-072511	7/25/2011	0.0045	J		0.0014	J										
		VMP-21-5-110111	11/1/2011	0.044			0.018											
		VMP-21-5-012312	1/23/2012	0.0017	J		0.00063	J										
		VMP-21-5-012312-DUP	1/23/2012	0.0019	J		0.0006	J										
		VMP-21-5-042412	4/24/2012	0.0048	J		0.0027	J										
		VMP-21-5-071012	7/10/2012	0.12			0.022											
		VMP-21-5-100412	10/4/2012	0.0029	J		<0.0068	U										
		VMP-21-5-020613	2/6/2013	<0.0061	U		<0.0061	U										
		VMP-21-5-051013	5/10/2013	0.0034	J		0.0022	J										
	10 ft	VMP-21-10-021011	2/10/2011	<1.8	U		<1.8	U										
		VMP-21-10-041311	4/13/2011	<0.23	U		<0.23	U										
		VMP-21-10-072511	7/25/2011	0.0033	J		<0.013	U										
		VMP-21-10-110111	11/1/2011	<0.0037	J	U	<0.0037	U										
		VMP-21-10-012312	1/23/2012	0.0014	J		<0.0042	U										
		VMP-21-10-040912	4/9/2012	0.007			0.003	J										
		VMP-21-10-071012	7/10/2012	<0.0044	J	U	<0.0044	U										
		VMP-21-10-100412	10/4/2012	0.0056	J		<0.0061	J	U									
		VMP-21-10-020513	2/5/2013	<0.0058	U		<0.0058	U										
		VMP-21-10-020513-DUP	2/5/2013	<0.0055	U		<0.0055	U										
		VMP-21-10-051013	5/10/2013	<0.0063	U		<0.0063	U										
	25 ft	VMP-21-25-021011	2/10/2011	<5	U		<5	U										
		VMP-21-25-041411	4/14/2011	<18	U		<18	U										
		VMP-21-25-041411-DUP	4/14/2011	<18	U		<18	U										
		VMP-21-25-072611	7/26/2011	<5.7	U		<5.7	U										
		VMP-21-25-110511	11/5/2011	<3.6	U		<3.6	U										
		VMP-21-25-012412	1/24/2012	<0.05	U		<0.05	U										
		VMP-21-25-040912	4/9/2012	0.006			0.0024	J										
		VMP-21-25-071112	7/11/2012	<0.004	J	U	<0.004	U										
		VMP-21-25-100412	10/4/2012	0.0028	J		<0.0063	U										
		VMP-21-25-020513	2/5/2013	<0.0056	U		<0.0056	U										
		VMP-21-25-020513-DUP	2/5/2013	<0.0058	U		<0.0058	U										
		VMP-21-25-051013	5/10/2013	<0.0064	U		<0.0064	U										
	33 ft	VMP-21-33-021011	2/10/2011	<5	U		<5	U										
		VMP-21-33-041411	4/14/2011	6.1	J		<17	U										
		VMP-21-33-110511	11/5/2011	<0.83	U		<0.83	U										
		VMP-21-33-012412	1/24/2012	<0.12	U		<0.12	U										
		VMP-21-33-042412	4/24/2012	0.0039	J		0.0016	J										
		VMP-21-33-071112	7/11/2012	<0.0042	J	U	<0.0042	U										
		VMP-21-33-100412	10/4/2012	0.0052	J		<0.0061	U										
		VMP-21-33-020513	2/5/2013	<0.0057	U		<0.0057	U										
		VMP-21-33-051013	5/10/2013	0.002	J		<0.0062	U										

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene		
				750000			0.37			450000			11			6.9					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-22	5 ft	VMP-22-5-021111	2/11/2011	<0.24	U		0.029	J		<0.17	U		<0.26	U		<0.1	U		<0.057	U	
		VMP-22-5-041811	4/18/2011	<0.12	U		0.024	J		<0.084	U		<0.13	U		<0.049	U		<0.028	U	
		VMP-22-5-072611	7/26/2011	0.026			0.12			<0.0099	U		<0.015	U		<0.0057	J	U	<0.0033	U	
		VMP-22-5-110111	11/1/2011	0.032			0.012			<0.0056	U		<0.0087	U		<0.0033	U		<0.0018	U	
		VMP-22-5-012412	1/24/2012	0.021		J	0.11		J	<0.0059	U		<0.0091	U		<0.0034	U		<0.002	U	
		VMP-22-5-040912	4/9/2012	0.033			0.0085			<0.0066	U		<0.01	U		0.039	J	J	<0.0022	U	
		VMP-22-5-070912	7/9/2012	0.034			0.0012	J		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U	
		VMP-22-5-100312	10/3/2012	0.031			0.0025	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U	
		VMP-22-5-100312-Dup	10/3/2012	0.04			0.0045			<0.0077	U		<0.012	U		<0.044	U		<0.0025	U	
		VMP-22-5-012413	1/24/2013	0.014	J		0.0093			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U	
		VMP-22-5-041913	4/19/2013	0.023	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U	
	10 ft	VMP-22-10-021111	2/11/2011	<0.12	U		0.021	J		<0.082	U		<0.13	U		<0.047	U		<0.027	U	
		VMP-22-10-041811	4/18/2011	<0.12	U		0.12			<0.087	U		<0.13	U		<0.051	U		<0.029	U	
		VMP-22-10-072611	7/26/2011	0.015		J	0.03			<0.01	U		<0.016	U		<0.0059	J	U	<0.0034	U	
		VMP-22-10-072611-DUP	7/26/2011	0.052		J	0.03			<0.012	U		<0.018	U		<0.0069	U		<0.0039	U	
		VMP-22-10-110211	11/2/2011	0.013			0.006			<0.0057	U		<0.0088	U		<0.0033	U		<0.0019	U	
		VMP-22-10-012412	1/24/2012	0.0061	J		0.02			<0.0065	U		<0.01	U		<0.0038	U		<0.0021	U	
		VMP-22-10-040912	4/9/2012	0.031			0.0068			<0.0065	U		<0.01	U		<0.037	U	UJ	<0.0021	U	
		VMP-22-10-070912	7/9/2012	0.017	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U	
		VMP-22-10-070912-Dup	7/9/2012	0.021	J		<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0023	U	
		VMP-22-10-100312	10/3/2012	0.03			0.015			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U	
		VMP-22-10-012413	1/24/2013	<0.033	U		0.0018	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
		VMP-22-10-041913	4/19/2013	0.017	J		0.0016	J		<0.0089	U		<0.014	U		<0.052	U		<0.003	U	
	18 ft	VMP-22-18-021111	2/11/2011	<2	U		0.67	J		<1.4	U		<2.2	U		<0.82	U		<0.47	U	
		VMP-22-18-041811	4/18/2011	1.1	J		1	J		<6	U		<9.3	U		<3.5	U		<2	U	
		VMP-22-18-072611	7/26/2011	<4.4	U		0.42	J		<3.1	U		<4.8	U		<1.8	U		<1	U	
		VMP-22-18-110511	11/5/2011	0.012			0.009			<0.0061	J	U	<0.0094	J	U	<0.0036	U		<0.002	U	
		VMP-22-18-012412	1/24/2012	<0.08	J	U	0.012	J	J	<0.056	U		<0.35	U		<0.033	U		<0.018	U	
		VMP-22-18-040912	4/9/2012	0.022	J		0.0062			0.0017	J		<0.01	U		<0.039	U	UJ	<0.0022	U	
		VMP-22-18-070912	7/9/2012	0.036			0.029			<0.0071	U		<0.011	U		<0.041	U		<0.0023	U	
		VMP-22-18-100412	10/4/2012	0.021	J		0.0036	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
		VMP-22-18-012413	1/24/2013	<0.033	J	U	0.002	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
		VMP-22-18-042213	4/22/2013	0.025	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U	
	38 ft	VMP-22-38-041811	4/18/2011	<26	U		<8.8	U		<18	U		<28	U		<11	U		<6.1	U	
		VMP-22-38-012512	1/25/2012	<0.08	U		0.04			<0.056	U		<0.087	U		<0.033	U		<0.018	U	
		VMP-22-38-040912	4/9/2012	0.039			0.012			0.0048	J		<0.01	U		<0.038	U	UJ	<0.0022	U	
		VMP-22-38-070912	7/9/2012	0.05			0.074			0.0039	J		<0.011	U		<0.04	U		<0.0023	U	
		VMP-22-38-100412	10/4/2012	0.02	J		0.0096			0.0028	J		<0.016	U		<0.059	U		<0.0034	U	
		VMP-22-38-012413	1/24/2013	0.012	J		0.0026	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U	
		VMP-22-38-042213	4/22/2013	0.009	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U	
	5 ft	VMP-23-5-021511	2/15/2011	0.01	J		0.023			<0.0088	U		<0.014	U		<0.0051	U		<0.0029	U	
		VMP-23-5-042111	4/21/2011	0.024	J		<0.036	U		<0.077	U		<0.12	U		<0.044	U		<0.025	U	
		VMP-23-5-072711	7/27/2011	0.062			0.18			<0.0088	U		<0.014	U		<0.0051	U		<0.0029	U	
		VMP-23-5-110211	11/2/2011	0.035			0.016			<0.0063	U		<0.0097	U		<0.0036	U		<0.0021	U	
		VMP-23-5-012512	1/25/2012	0.019			0.023			0.0015	J		<0.0082	U		<0.0031	U		<0.0017	U	
		VMP-23-5-040912	4/9/2012	0.032			0.0089			<0.0064	U		<0.0099	U		<0.037	U	UJ	<0.0021	U	
		VMP-23-5-070912	7/9/2012	0.1			0.0024	J		<0.0057	U		<0.0088	U		0.0017	J		<0.0019	U	
		VMP-23-5-100312	10/3/2012	0.05			0.011			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
		VMP-23-5-012413	1/24/2013	0.0056	J		0.0019	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U	
		VMP-23-5-042213	4/22/2013	0.016	J		0.0017	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Butane			Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			2-Butanone			Carbon disulfide		
																6400			780		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-22	5 ft	VMP-22-5-021111	2/11/2011													<0.076	U		<0.08	U	
		VMP-22-5-041811	4/18/2011	0.17												<0.15	U		<0.039	U	
		VMP-22-5-072611	7/26/2011	0.22												0.017	J		<0.018	J	U
		VMP-22-5-110111	11/1/2011	<0.008	U											0.0063	J		<0.01	J	U
		VMP-22-5-012412	1/24/2012	0.024		J										0.0047	J	J	<0.011	J	U
		VMP-22-5-040912	4/9/2012	0.014												<0.012	U		0.0047	J	
		VMP-22-5-070912	7/9/2012	<0.01	U											0.0037	J		0.0074	J	
		VMP-22-5-100312	10/3/2012	0.0051	J											0.0044	J		<0.016	U	
		VMP-22-5-100312-Dup	10/3/2012	0.0072	J											0.0079	J		<0.014	U	
		VMP-22-5-012413	1/24/2013	<0.012	U											<0.015	U		<0.016	J	U
		VMP-22-5-041913	4/19/2013	<0.012	U											<0.015	U		<0.016	J	U
	10 ft	VMP-22-10-021111	2/11/2011													<0.036	U		<0.038	U	
		VMP-22-10-041811	4/18/2011	0.086	J											<0.15	U		<0.041	U	
		VMP-22-10-072611	7/26/2011	0.018		J										0.011	J		<0.019	J	U
		VMP-22-10-072611-DUP	7/26/2011	0.059		J										0.023			<0.022	J	U
		VMP-22-10-110211	11/2/2011	<0.0081	U											0.0033	J		<0.011	J	U
		VMP-22-10-012412	1/24/2012	<0.0092	U											0.011	J		<0.012	J	U
		VMP-22-10-040912	4/9/2012	<0.0092	U											<0.011	U		0.0032	J	
		VMP-22-10-070912	7/9/2012	<0.01	U											<0.013	U		<0.014	U	
		VMP-22-10-070912-Dup	7/9/2012	<0.01	U											<0.012	U		<0.013	U	
		VMP-22-10-100312	10/3/2012	0.0048	J											<0.014	U		<0.015	U	
		VMP-22-10-012413	1/24/2013	<0.013	U											<0.016	U		<0.017	J	U
		VMP-22-10-041913	4/19/2013	0.004	J											0.0025	J		<0.017	J	U
	18 ft	VMP-22-18-021111	2/11/2011													<0.63	U		<0.66	U	
		VMP-22-18-041811	4/18/2011	620												<11	U		<2.8	U	
		VMP-22-18-072611	7/26/2011	470												<5.4	U		<1.4	U	
		VMP-22-18-110511	11/5/2011	0.012												0.0058	J		<0.011	J	U
		VMP-22-18-012412	1/24/2012	0.045	J	J										<0.099	U		<0.026	U	
		VMP-22-18-040912	4/9/2012	<0.0096	U											<0.012	U		0.0039	J	
		VMP-22-18-070912	7/9/2012	<0.01	U											<0.012	U		<0.013	U	
		VMP-22-18-100412	10/4/2012	<0.014	U											<0.017	U		<0.018	U	
		VMP-22-18-012413	1/24/2013	<0.013	U											<0.016	U		<0.017	J	U
		VMP-22-18-042213	4/22/2013	<0.014	U											<0.017	U		<0.018	J	U
	38 ft	VMP-22-38-041811	4/18/2011	3900												<32	U		<8.6	U	
		VMP-22-38-012512	1/25/2012	0.28												<0.099	U		<0.1	U	
		VMP-22-38-040912	4/9/2012	<0.0093	U											<0.012	U		0.0045	J	
		VMP-22-38-070912	7/9/2012	<0.0098	U											0.0055	J		<0.013	U	
		VMP-22-38-100412	10/4/2012	<0.014	U											<0.018	U		<0.019	J	U
		VMP-22-38-012413	1/24/2013	<0.013	U											<0.016	U		<0.017	J	U
		VMP-22-38-042213	4/22/2013	<0.014	U											<0.017	U		<0.018	J	U
	5 ft	VMP-23-5-021511	2/15/2011													0.0012	J		<0.0041	J	U
		VMP-23-5-042111	4/21/2011	<0.11	U											<0.14	U		<0.036	U	
		VMP-23-5-072711	7/27/2011	0.024												0.072			0.0032	J	
		VMP-23-5-110211	11/2/2011	<0.0089	U											<0.011	U		<0.012	J	U
		VMP-23-5-012512	1/25/2012	0.002	J											0.0048	J		<0.0098	U	
		VMP-23-5-040912	4/9/2012	<0.0091	U											0.024			0.0074	J	
		VMP-23-5-070912	7/9/2012	0.0039	J											0.01			0.0042	J	
		VMP-23-5-100312	10/3/2012	<0.014	U											0.006	J		<0.018	J	U
		VMP-23-5-012413	1/24/2013	0.011	J											<0.014	U		<0.015	J	U
		VMP-23-5-042213	4/22/2013	<0.013	U											<0.016	U		<0.017	J	U

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane		
				0.21			69			57000						0.11					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-22	5 ft	VMP-22-5-021111	2/11/2011	<0.16	U		<0.12	U		<0.22	U		<0.068	U		<0.12	U		<0.21	U	
		VMP-22-5-041811	4/18/2011	<0.079	U		<0.058	U		<0.11	U		<0.13	U		<0.062	U		<0.1	U	
		VMP-22-5-072611	7/26/2011	<0.0093	U		<0.0068	J	U	<0.013	U		<0.016	U		<0.0072	U		<0.012	U	
		VMP-22-5-110111	11/1/2011	<0.0053	U		<0.0039	U		<0.0072	U		<0.0089	U		0.0018	J		0.0018	J	
		VMP-22-5-012412	1/24/2012	<0.0056	U		<0.0041	J	U	<0.0075	U		<0.0093	U		<0.0043	U		<0.0073	U	
		VMP-22-5-040912	4/9/2012	<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U	
		VMP-22-5-070912	7/9/2012	<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		<0.0053	U		<0.022	U	
		VMP-22-5-100312	10/3/2012	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U	
		VMP-22-5-100312-Dup	10/3/2012	<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U	
		VMP-22-5-012413	1/24/2013	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U	
		VMP-22-5-041913	4/19/2013	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U	
	10 ft	VMP-22-10-021111	2/11/2011	<0.077	U		<0.056	U		<0.1	U		<0.032	U		<0.06	U		<0.1	U	
		VMP-22-10-041811	4/18/2011	<0.082	U		<0.06	U		<0.11	U		<0.14	U		<0.064	U		<0.11	U	
		VMP-22-10-072611	7/26/2011	<0.0095	U		<0.007	J	U	<0.013	U		<0.016	U		0.012			<0.012	U	
		VMP-22-10-072611-DUP	7/26/2011	<0.011	U		<0.0082	J	U	<0.015	U		<0.019	U		0.012			<0.015	U	
		VMP-22-10-110211	11/2/2011	<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		0.014			<0.0071	U	
		VMP-22-10-012412	1/24/2012	<0.0061	U		<0.0045	J	U	<0.0083	U		<0.01	U		0.0071			<0.008	U	
		VMP-22-10-040912	4/9/2012	<0.0061	U		<0.0044	U		<0.0082	U		<0.01	U		0.0024	J		<0.02	U	
		VMP-22-10-070912	7/9/2012	<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		0.0011	J		<0.022	U	
		VMP-22-10-070912-Dup	7/9/2012	<0.0067	U		<0.0049	U		<0.009	U		<0.011	U		0.0011	J		<0.022	U	
		VMP-22-10-100312	10/3/2012	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U	
		VMP-22-10-012413	1/24/2013	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	
		VMP-22-10-041913	4/19/2013	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U	
	18 ft	VMP-22-18-021111	2/11/2011	<1.3	U		<0.98	U		<1.8	U		<0.56	U		<1	U		<1.8	U	
		VMP-22-18-041811	4/18/2011	<5.7	U		<4.1	U		<7.7	U		<9.5	U		<4.4	U		<7.4	U	
		VMP-22-18-072611	7/26/2011	<2.9	U		<2.1	U		<3.9	U		<4.8	U		<2.2	U		<3.8	U	
		VMP-22-18-110511	11/5/2011	0.0007	J		<0.0042	J	U	<0.0078	U		<0.0096	U		0.094			<0.0076	U	
		VMP-22-18-012412	1/24/2012	<0.053	U		<0.039	U		<0.072	U		<0.089	U		<0.041	U		<0.069	U	
		VMP-22-18-040912	4/9/2012	<0.0063	U		<0.0046	U		<0.0086	U		<0.011	U		0.089			<0.021	U	
		VMP-22-18-070912	7/9/2012	<0.0067	U		<0.0049	U		<0.009	U		<0.011	U		0.049			<0.022	U	
		VMP-22-18-100412	10/4/2012	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.013			<0.03	U	
		VMP-22-18-012413	1/24/2013	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.015			<0.028	U	
		VMP-22-18-042213	4/22/2013	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0046	J		<0.03	U	
	38 ft	VMP-22-38-041811	4/18/2011	<17	U		<13	U		<24	U		<29	U		<13	U		<23	U	
		VMP-22-38-012512	1/25/2012	<0.053	U		<0.039	U		<0.072	U		<0.089	U		<0.041	U		<0.069	U	
		VMP-22-38-040912	4/9/2012	<0.0061	U		<0.0045	U		<0.0083	U		<0.01	U		0.35			<0.02	U	
		VMP-22-38-070912	7/9/2012	<0.0065	U		<0.0047	U		<0.0088	U		<0.011	U		0.31			<0.021	U	
		VMP-22-38-100412	10/4/2012	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		0.075			<0.031	U	
		VMP-22-38-012413	1/24/2013	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.062			<0.028	U	
		VMP-22-38-042213	4/22/2013	<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.02			<0.03	U	
	5 ft	VMP-23-5-021511	2/15/2011	<0.0083	U		<0.0061	U		<0.011	U		<0.0035	U		0.0013	J		<0.011	U	
		VMP-23-5-042111	4/21/2011	<0.072	U		<0.053	U		<0.098	U		<0.12	U		<0.056	U		<0.094	U	
		VMP-23-5-072711	7/27/2011	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.011	U	
		VMP-23-5-110211	11/2/2011	<0.0059	U		<0.0043	U		<0.008	U		<0.0099	U		<0.0046	U		<0.0077	U	
		VMP-23-5-012512	1/25/2012	<0.005	U		<0.0036	U		<0.0067	U		<0.0083	U		0.0022	J		<0.0065	U	
		VMP-23-5-040912	4/9/2012	<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		<0.0047	U		<0.02	U	
		VMP-23-5-070912	7/9/2012	<0.0054	U		<0.0039	J	U	<0.0073	U		<0.009	U		<0.0042	U		0.0044	J	
		VMP-23-5-100312	10/3/2012	<0.0091	U		<0.0066	J	U	<0.012	U		<0.015	U		<0.007	U		<0.03	U	
		VMP-23-5-012413	1/24/2013	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U	
		VMP-23-5-042213	4/22/2013	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	alpha-Chlorotoluene			Cyclobutane, ethyl-			Cyclohexane			Cyclopentane, methyl-			1,2-Dibromoethane			1,2-Dichlorobenzene		
																0.011			290		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-22	5 ft	VMP-22-5-021111	2/11/2011	<0.13	U					<0.088	U					<0.2	U		<0.15	U	
		VMP-22-5-041811	4/18/2011	<0.065	U					<0.043	U					<0.097	U		<0.076	U	
		VMP-22-5-072611	7/26/2011	<0.0077	U	UJ				0.021						<0.011	J	U	<0.0089	J	U
		VMP-22-5-110111	11/1/2011	<0.0043	U					<0.0029	U					<0.0064	U		<0.005	U	
		VMP-22-5-012412	1/24/2012	<0.0046	U					0.29		J				<0.0068	U		<0.0053	U	
		VMP-22-5-040912	4/9/2012	<0.0051	U					0.021						<0.0075	U		<0.0059	U	
		VMP-22-5-070912	7/9/2012	<0.0056	U	UJ				<0.0037	U					<0.0083	U		<0.0065	U	
		VMP-22-5-100312	10/3/2012	<0.0065	U					<0.0043	U					<0.0097	U		<0.0076	U	
		VMP-22-5-100312-Dup	10/3/2012	<0.0059	U					0.0018	J					<0.0088	U		<0.0069	U	
		VMP-22-5-012413	1/24/2013	<0.0067	U					<0.0044	U					<0.0099	U		<0.0078	U	
		VMP-22-5-041913	4/19/2013	<0.0065	U					0.011						<0.0097	U		<0.0076	U	
	10 ft	VMP-22-10-021111	2/11/2011	<0.063	U					0.19						<0.094	U		<0.073	U	
		VMP-22-10-041811	4/18/2011	<0.068	U					<0.045	U					<0.1	U		<0.078	U	
		VMP-22-10-072611	7/26/2011	<0.0078	U	UJ				0.0046	J					<0.012	J	U	<0.0091	J	U
		VMP-22-10-072611-DUP	7/26/2011	<0.0092	U	UJ				0.0063						<0.014	J	U	<0.011	J	U
		VMP-22-10-110211	11/2/2011	<0.0044	U					<0.0029	U					<0.0066	U		<0.0051	U	
		VMP-22-10-012412	1/24/2012	<0.005	U					0.001	J					<0.0074	U		<0.0058	U	
		VMP-22-10-040912	4/9/2012	<0.005	U					0.013						<0.0074	U		<0.0058	U	
		VMP-22-10-070912	7/9/2012	<0.0056	U	UJ				<0.0037	U					<0.0083	U		<0.0065	U	
		VMP-22-10-070912-Dup	7/9/2012	<0.0055	U	UJ				<0.0036	U					<0.0081	U		<0.0064	U	
		VMP-22-10-100312	10/3/2012	<0.0063	U					0.0032	J					<0.0093	U		<0.0073	U	
		VMP-22-10-012413	1/24/2013	<0.0071	U					<0.0048	U					<0.011	U		<0.0083	U	
		VMP-22-10-041913	4/19/2013	<0.0069	U					0.0024	J					<0.01	U		<0.008	U	
	18 ft	VMP-22-18-021111	2/11/2011	<1.1	U					65						<1.6	U		<1.3	U	
		VMP-22-18-041811	4/18/2011	<4.6	U					58						<6.9	U		<5.4	U	
		VMP-22-18-072611	7/26/2011	<2.4	U	UJ				39						<3.5	U		<2.8	U	
		VMP-22-18-110511	11/5/2011	<0.0047	U					<0.0031	U					<0.007	U		<0.0055	U	
		VMP-22-18-012412	1/24/2012	<0.17	U					<0.029	U					<0.064	U		<0.05	U	
		VMP-22-18-040912	4/9/2012	<0.0052	U					0.008						<0.0077	U		<0.006	U	
		VMP-22-18-070912	7/9/2012	<0.0055	U	UJ				<0.0036	U					<0.0081	U		<0.0064	U	
		VMP-22-18-100412	10/4/2012	<0.0075	U					<0.005	U					<0.011	U		<0.0087	U	
		VMP-22-18-012413	1/24/2013	<0.0071	U					<0.0048	U					<0.011	U		<0.0083	U	
		VMP-22-18-042213	4/22/2013	<0.0074	U					<0.0049	U					<0.011	U		<0.0086	U	
	38 ft	VMP-22-38-041811	4/18/2011	<14	U					240						<21	U		<16	U	
		VMP-22-38-012512	1/25/2012	<0.043	U					<0.029	U					<0.064	U		<0.05	U	
		VMP-22-38-040912	4/9/2012	<0.005	U					0.014						<0.0075	U		<0.0059	U	
		VMP-22-38-070912	7/9/2012	<0.0053	U	UJ				0.00078	J					<0.0079	U		<0.0062	U	
		VMP-22-38-100412	10/4/2012	<0.0078	U					0.0012	J					<0.012	U		<0.0091	U	
		VMP-22-38-012413	1/24/2013	<0.007	U					<0.0046	U					<0.01	U		<0.0081	U	
		VMP-22-38-042213	4/22/2013	<0.0076	U					<0.005	U					<0.011	U		<0.0088	U	
	5 ft	VMP-23-5-021511	2/15/2011	<0.0068	U					0.0054						<0.01	U		<0.0079	U	
		VMP-23-5-042111	4/21/2011	<0.059	U					<0.039	U					<0.088	U		<0.069	U	
		VMP-23-5-072711	7/27/2011	<0.0068	U					0.0068						<0.01	U		<0.0079	U	
		VMP-23-5-110211	11/2/2011	<0.0048	U					<0.0032	U					<0.0072	U		<0.0056	U	
		VMP-23-5-012512	1/25/2012	<0.0041	U					0.0022	J					<0.0061	U		<0.0047	U	
		VMP-23-5-040912	4/9/2012	<0.0049	U					0.0031	J					<0.0073	U		<0.0057	U	
		VMP-23-5-070912	7/9/2012	<0.0044	U	UJ				0.0022	J					<0.0066	U		<0.0051	U	
		VMP-23-5-100312	10/3/2012	<0.0075	U					0.0019	J					<0.011	U		<0.0087	U	
		VMP-23-5-012413	1/24/2013	<0.0064	U					<0.0042	U					<0.0095	U		<0.0074	U	
		VMP-23-5-042213	4/22/2013	<0.0071	U					0.0018	J					<0.01	U		<0.0082	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
							1200						690			0.099			240		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-22	5 ft	VMP-22-5-021111	2/11/2011	<0.15	U		<0.15	U		<0.13	U		<0.1	U		<0.1	U		<0.1	U	
		VMP-22-5-041811	4/18/2011	<0.076	U		<0.076	U		<0.062	U		<0.051	U		<0.051	U		<0.05	U	
		VMP-22-5-072611	7/26/2011	0.0033	J		<0.0089	J	U	0.0023	J		<0.006	U		<0.006	J	U	<0.0059	U	
		VMP-22-5-110111	11/1/2011	<0.005	U		<0.005	U		0.0021	J		<0.0034	U		<0.0034	U		<0.0033	U	
		VMP-22-5-012412	1/24/2012	<0.0053	J	U	<0.0053	U		0.0031	J	J	<0.0036	U		<0.0036	U		<0.0035	U	
		VMP-22-5-040912	4/9/2012	<0.0059	U		<0.0059	U		0.0028	J		<0.004	U		<0.004	U		<0.0039	U	
		VMP-22-5-070912	7/9/2012	<0.0065	U		<0.0065	U		0.002	J		<0.0044	U		<0.0044	U		<0.0043	U	
		VMP-22-5-100312	10/3/2012	<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-22-5-100312-Dup	10/3/2012	<0.0069	U		<0.0069	U		0.0026	J		<0.0046	U		<0.0046	U		<0.0045	U	
		VMP-22-5-012413	1/24/2013	<0.0078	J	U	<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-22-5-041913	4/19/2013	<0.0076	J	U	<0.0076	J	U	0.0022	J		<0.0051	U		<0.0051	U		<0.005	U	
	10 ft	VMP-22-10-021111	2/11/2011	<0.073	U		<0.073	U		<0.06	U		<0.049	U		<0.049	U		<0.048	U	
		VMP-22-10-041811	4/18/2011	<0.078	U		<0.078	U		<0.064	U		<0.053	U		<0.053	U		<0.052	U	
		VMP-22-10-072611	7/26/2011	0.0028	J		<0.0091	J	U	0.0023	J		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-22-10-072611-DUP	7/26/2011	0.0027	J		<0.011	J	U	0.0019	J		<0.0072	U		<0.0072	U		<0.007	U	
		VMP-22-10-110211	11/2/2011	<0.0051	U		<0.0051	U		0.0024	J		<0.0035	U		<0.0035	U		<0.0034	U	
		VMP-22-10-012412	1/24/2012	<0.0058	J	U	<0.0058	U		0.0032	J		<0.0039	U		<0.0039	U		<0.0038	U	
		VMP-22-10-040912	4/9/2012	<0.0058	U		<0.0058	U		0.0031	J		<0.0039	U		<0.0039	U		<0.0038	U	
		VMP-22-10-070912	7/9/2012	<0.0065	U		<0.0065	U		0.0021	J		<0.0044	U		<0.0044	U		<0.0043	U	
		VMP-22-10-070912-Dup	7/9/2012	<0.0064	U		<0.0064	U		0.0017	J		<0.0043	U		<0.0043	U		<0.0042	U	
		VMP-22-10-100312	10/3/2012	<0.0073	U		<0.0073	J	U	0.0024	J		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-22-10-012413	1/24/2013	<0.0083	J	U	<0.0083	U		0.0029	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-22-10-041913	4/19/2013	<0.008	U		<0.008	J	U	0.0022	J		<0.0054	U		<0.0054	U		<0.0053	U	
	18 ft	VMP-22-18-021111	2/11/2011	<1.3	U		<1.3	U		<1	U		<0.86	U		<0.86	U		<0.84	U	
		VMP-22-18-041811	4/18/2011	<5.4	U		<5.4	U		<4.4	U		<3.6	U		<3.6	U		<3.6	U	
		VMP-22-18-072611	7/26/2011	<2.8	U		<2.8	U		<2.3	U		<1.9	U		<1.9	U		<1.8	U	
		VMP-22-18-110511	11/5/2011	<0.0055	U		<0.0055	U		0.0024	J		<0.0037	U		<0.0037	U		<0.0036	U	
		VMP-22-18-012412	1/24/2012	<0.05	U		<0.05	U		<0.042	U		<0.034	U		<0.034	U		<0.033	U	
		VMP-22-18-040912	4/9/2012	<0.006	U		<0.006	U		0.0027	J		<0.0041	U		<0.0041	U		<0.004	U	
		VMP-22-18-070912	7/9/2012	<0.0064	U		<0.0064	U		0.002	J		<0.0043	U		<0.0043	U		<0.0042	U	
		VMP-22-18-100412	10/4/2012	<0.0087	J	U	<0.0087	J	U	0.0022	J		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-22-18-012413	1/24/2013	<0.0083	U		<0.0083	U		0.0029	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-22-18-042213	4/22/2013	<0.0086	U		<0.0086	U		0.0025	J		<0.0058	U		<0.0058	U		<0.0057	U	
	38 ft	VMP-22-38-041811	4/18/2011	<16	U		<16	U		<14	U		<11	U		<11	U		<11	U	
		VMP-22-38-012512	1/25/2012	<0.05	U		<0.05	U		<0.042	U		<0.034	U		<0.034	U		<0.033	U	
		VMP-22-38-040912	4/9/2012	<0.0059	U		<0.0059	U		0.003	J		<0.0039	U		<0.0039	U		<0.0039	U	
		VMP-22-38-070912	7/9/2012	<0.0062	U		<0.0062	U		<0.0051	U		<0.0042	U		<0.0042	U		<0.0041	U	
		VMP-22-38-100412	10/4/2012	<0.0091	J	U	<0.0091	J	U	0.0026	J		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-22-38-012413	1/24/2013	<0.0081	U		<0.0081	U		0.0025	J		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-22-38-042213	4/22/2013	<0.0088	U		<0.0088	J	U	0.0022	J		<0.0059	U		<0.0059	U		<0.0058	U	
	5 ft	VMP-23-5-021511	2/15/2011	<0.0079	U		<0.0079	J	U	0.0021	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-23-5-042111	4/21/2011	<0.069	U		<0.069	U		<0.057	U		<0.046	U		<0.046	U		<0.045	U	
		VMP-23-5-072711	7/27/2011	<0.0079	U		<0.0079	U		0.0016	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-23-5-110211	11/2/2011	<0.0056	U		<0.0056	U		0.002	J		<0.0038	U		<0.0038	U		<0.0037	U	
		VMP-23-5-012512	1/25/2012	<0.0048	U		0.0012	J		0.0027	J		<0.0032	U		<0.0032	U		<0.0031	U	
		VMP-23-5-040912	4/9/2012	<0.0057	U		<0.0057	U		0.0033	J		<0.0039	U		<0.0039	U		<0.0038	U	
		VMP-23-5-070912	7/9/2012	<0.0051	U		<0.0051	U		0.0021	J		<0.0035	U		<0.0035	U		<0.0034	U	
		VMP-23-5-100312	10/3/2012	<0.0087	U		<0.0087	J	U	0.0022	J		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-23-5-012413	1/24/2013	<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-23-5-042213	4/22/2013	<0.0082	J	U	<0.0082	U		0.0023	J		<0.0055	U		<0.0055	U		<0.0054	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene		
				1100000			85			5.6			0.062			0.9			0.9		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-22	5 ft	VMP-22-5-021111	2/11/2011	<0.1	U		<0.1	U		<0.089	U		<0.12	U		<0.12	U		<0.12	U	
		VMP-22-5-041811	4/18/2011	<0.05	U		<0.05	U		<0.044	U	UJ	<0.058	U		<0.057	U		<0.057	U	
		VMP-22-5-072611	7/26/2011	<0.0059	U		<0.0059	U		0.0022	J		<0.0068	U		<0.0067	U		<0.0067	J	UJ
		VMP-22-5-110111	11/1/2011	<0.0033	U		<0.0033	U		<0.0029	J	U	<0.0039	U		<0.0038	U		<0.0038	U	
		VMP-22-5-012412	1/24/2012	<0.0035	U		<0.0035	U		<0.0031	J	U	<0.0041	U		<0.004	U		<0.004	J	U
		VMP-22-5-040912	4/9/2012	<0.0039	U		<0.0039	U		0.012	J		<0.0045	U		<0.0044	U		<0.0044	U	
		VMP-22-5-070912	7/9/2012	<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-22-5-100312	10/3/2012	<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-22-5-100312-Dup	10/3/2012	<0.0045	U		<0.0045	U		<0.04	J	U	<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-22-5-012413	1/24/2013	<0.0051	U		<0.0051	U		<0.045	J	U	<0.006	U		<0.0058	U		<0.0058	U	
		VMP-22-5-041913	4/19/2013	<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U	
	10 ft	VMP-22-10-021111	2/11/2011	<0.048	U		<0.048	U		<0.042	U		<0.056	U		<0.055	U		<0.055	U	
		VMP-22-10-041811	4/18/2011	<0.052	U		<0.052	U		<0.045	U	UJ	<0.06	U		<0.059	U		<0.059	U	
		VMP-22-10-072611	7/26/2011	<0.006	U		<0.006	U		<0.0053	J	U	<0.007	U		<0.0069	U		<0.0069	J	UJ
		VMP-22-10-072611-DUP	7/26/2011	<0.007	U		<0.007	U		<0.0062	J	U	<0.0082	U		<0.0081	U		<0.0081	J	UJ
		VMP-22-10-110211	11/2/2011	<0.0034	U		<0.0034	U		<0.003	J	U	<0.004	U		<0.0039	U		<0.0039	U	
		VMP-22-10-012412	1/24/2012	<0.0038	U		<0.0038	U		<0.0034	J	U	<0.0045	U		<0.0044	U		<0.0044	J	U
		VMP-22-10-040912	4/9/2012	<0.0038	U		<0.0038	U		0.011	J		<0.0044	U		<0.0044	U		<0.0044	U	
		VMP-22-10-070912	7/9/2012	<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-22-10-070912-Dup	7/9/2012	<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-22-10-100312	10/3/2012	<0.0048	U		<0.0048	U		<0.042	J	U	<0.0056	U		<0.0055	U		<0.0055	U	
		VMP-22-10-012413	1/24/2013	<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-22-10-041913	4/19/2013	<0.0053	U		<0.0053	U		<0.046	J	U	<0.0062	U		<0.006	U		<0.006	U	
	18 ft	VMP-22-18-021111	2/11/2011	<0.84	U		<0.84	U		<0.74	U		<0.98	U		<0.96	U		<0.96	U	
		VMP-22-18-041811	4/18/2011	<3.6	U		<3.6	U		<3.1	U	UJ	<4.2	U		<4.1	U		<4.1	U	
		VMP-22-18-072611	7/26/2011	<1.8	U		<1.8	U		<1.6	U		<2.1	U		<2.1	U		<2.1	U	UJ
		VMP-22-18-110511	11/5/2011	<0.0036	U		<0.0036	U		0.0018	J		<0.0042	U		<0.0042	U		<0.0042	U	
		VMP-22-18-012412	1/24/2012	<0.033	U		<0.033	U		<0.029	U		<0.039	U		<0.038	U		<0.038	U	
		VMP-22-18-040912	4/9/2012	<0.004	U		<0.004	U		<0.035	U		<0.0046	U		<0.0046	U		<0.0046	U	
		VMP-22-18-070912	7/9/2012	<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-22-18-100412	10/4/2012	<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-22-18-012413	1/24/2013	<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-22-18-042213	4/22/2013	<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U	
	38 ft	VMP-22-38-041811	4/18/2011	<11	U		<11	U		<9.6	U	UJ	<13	U		<12	U		<12	U	
		VMP-22-38-012512	1/25/2012	<0.033	U		<0.033	U		<0.029	U		<0.039	U		<0.038	U		<0.038	U	
		VMP-22-38-040912	4/9/2012	<0.0039	U		<0.0039	U		<0.034	U		<0.0045	U		<0.0044	U		<0.0044	U	
		VMP-22-38-070912	7/9/2012	<0.0041	U		<0.0041	U		0.0012	J		<0.0048	U		<0.0047	U		<0.0047	U	
		VMP-22-38-100412	10/4/2012	<0.006	U		<0.006	U		0.0036	J		<0.007	U		<0.0069	U		0.0026	J	
		VMP-22-38-012413	1/24/2013	<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U	
		VMP-22-38-042213	4/22/2013	<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U	
	5 ft	VMP-23-5-021511	2/15/2011	<0.0052	U		<0.0052	U		<0.0046	U		<0.0061	U		<0.006	U		<0.006	U	
		VMP-23-5-042111	4/21/2011	<0.045	U		<0.045	U		<0.04	U		<0.053	U		<0.052	U		<0.052	U	
		VMP-23-5-072711	7/27/2011	<0.0052	U		<0.0052	U		0.0063			<0.0061	U		<0.006	U		<0.006	U	
		VMP-23-5-110211	11/2/2011	<0.0037	U		<0.0037	U		<0.0032	J	U	<0.0043	U		<0.0042	U		<0.0042	U	
		VMP-23-5-012512	1/25/2012	<0.0031	U		<0.0031	U		0.0015	J		<0.0036	U		<0.0036	U		<0.0036	U	
		VMP-23-5-040912	4/9/2012	<0.0038	U		<0.0038	U		0.0096	J		<0.0044	U		<0.0043	U		<0.0043	U	
		VMP-23-5-070912	7/9/2012	<0.0034	U		<0.0034	U		0.0048	J		<0.004	U		<0.0039	U		<0.0039	U	
		VMP-23-5-100312	10/3/2012	<0.0057	U		<0.0057	U		0.0029	J		<0.0067	U		<0.0066	U		0.013		
		VMP-23-5-012413	1/24/2013	<0.0049	U		<0.0049	U		<0.043	J	U	<0.0057	U		<0.0056	U		<0.0056	U	
		VMP-23-5-042213	4/22/2013	<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 113		
				0.22						1400											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-22	5 ft	VMP-22-5-021111	2/11/2011	<0.37	U		<0.19	U		<0.11	U		<0.13	U		<0.2	U		<0.2	U	
		VMP-22-5-041811	4/18/2011	<0.18	U		<0.095	U		<0.055	U		<0.062	U		<0.096	U		<0.096	U	
		VMP-22-5-072611	7/26/2011	<0.021	U		0.029			0.0022	J		<0.0073	U		<0.011	U		<0.011	U	
		VMP-22-5-110111	11/1/2011	0.07			0.023			0.00096	J		<0.0041	U		<0.0064	U		<0.0064	U	
		VMP-22-5-012412	1/24/2012	<0.013	U		0.0094		J	0.0079		J	0.00079	J	J	<0.0068	U		<0.0068	U	
		VMP-22-5-040912	4/9/2012	<0.014	U		<0.0074	U		<0.0042	U		<0.0048	U		0.0016	J		0.0016	J	
		VMP-22-5-070912	7/9/2012	<0.016	U		0.0053	J		0.0052			<0.0053	U		<0.0083	U		<0.0083	U	
		VMP-22-5-100312	10/3/2012	<0.018	U		0.016		J	<0.0055	U		<0.0062	U		<0.0096	U		<0.0096	U	
		VMP-22-5-100312-Dup	10/3/2012	<0.016	U		0.056		J	<0.005	U		<0.0056	U		<0.0088	U		<0.0088	U	
		VMP-22-5-012413	1/24/2013	<0.018	U		0.0021	J		<0.0056	U		<0.0063	J	U	<0.0099	U		<0.0099	U	
		VMP-22-5-041913	4/19/2013	<0.018	U		0.0076	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0097	U	
	10 ft	VMP-22-10-021111	2/11/2011	<0.18	U		<0.092	U		<0.053	U		<0.06	U		<0.094	U		<0.094	U	
		VMP-22-10-041811	4/18/2011	<0.19	U		<0.098	U		<0.057	U		<0.064	U		<0.1	U		<0.1	U	
		VMP-22-10-072611	7/26/2011	<0.022	U		0.056			0.0017	J		<0.0074	U		<0.012	U		<0.012	U	
		VMP-22-10-072611-DUP	7/26/2011	<0.026	U		0.039			0.0017	J		0.0027	J		<0.014	U		<0.014	U	
		VMP-22-10-110211	11/2/2011	<0.012	U		0.01			<0.0037	U		<0.0042	U		<0.0066	U		<0.0066	U	
		VMP-22-10-012412	1/24/2012	<0.014	U		0.023			0.001	J		0.00057	J		<0.0074	U		<0.0074	U	
		VMP-22-10-040912	4/9/2012	<0.014	U		<0.0073	U		0.0023	J		<0.0047	U		0.0042	J		0.0042	J	
		VMP-22-10-070912	7/9/2012	<0.016	U		0.0062	J		<0.0047	U		<0.0053	U		<0.0083	U		<0.0083	U	
		VMP-22-10-070912-Dup	7/9/2012	<0.015	U		0.0072	J		<0.0046	U		<0.0052	U		<0.0081	U		<0.0081	U	
		VMP-22-10-100312	10/3/2012	<0.017	U		0.042			<0.0052	U		<0.0059	U		<0.0093	U		<0.0093	U	
		VMP-22-10-012413	1/24/2013	<0.02	U		0.0022	J		<0.006	U		<0.0068	J	U	<0.01	U		<0.01	U	
		VMP-22-10-041913	4/19/2013	<0.019	U		<0.01	U		0.011			0.013		J	<0.01	U		<0.01	U	
	18 ft	VMP-22-18-021111	2/11/2011	<3.1	U		<1.6	U		<0.92	U		<1	U		<1.6	U		<1.6	U	
		VMP-22-18-041811	4/18/2011	<13	U		<6.8	U		<3.9	U		<4.4	U		<6.9	U		<6.9	U	
		VMP-22-18-072611	7/26/2011	<6.6	U		<3.5	U		<2	U		<2.3	U		<3.5	U		<3.5	U	
		VMP-22-18-110511	11/5/2011	0.0014	J		0.012			<0.004	U		0.001	J		<0.007	U		<0.007	U	
		VMP-22-18-012412	1/24/2012	<0.12	U		<0.063	U		<0.036	U		<0.041	U		<0.064	U		<0.064	U	
		VMP-22-18-040912	4/9/2012	<0.014	U		<0.0076	U		<0.0044	U		<0.0049	U		<0.0077	U		<0.0077	U	
		VMP-22-18-070912	7/9/2012	<0.015	U		0.0036	J		<0.0046	U		<0.0052	U		<0.0081	U		<0.0081	U	
		VMP-22-18-100412	10/4/2012	<0.021	U		0.0087	J		<0.0063	U		<0.0071	U		<0.011	U		<0.011	U	
		VMP-22-18-012413	1/24/2013	<0.02	U		0.0024	J		<0.006	U		<0.0068	J	U	<0.01	U		<0.01	U	
		VMP-22-18-042213	4/22/2013	<0.021	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.011	U	
	38 ft	VMP-22-38-041811	4/18/2011	<40	U		<21	U		<12	U		<14	U		<21	U		<21	U	
		VMP-22-38-012512	1/25/2012	<0.12	U		<0.063	U		<0.036	U		<0.041	U		<0.064	U		<0.064	U	
		VMP-22-38-040912	4/9/2012	<0.014	U		<0.0073	U		<0.0042	U		<0.0048	U		0.0032	J		0.0032	J	
		VMP-22-38-070912	7/9/2012	<0.015	U		0.006	J		<0.0045	U		<0.0051	U		<0.0079	U		<0.0079	U	
		VMP-22-38-100412	10/4/2012	<0.022	U		<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.012	U	
		VMP-22-38-012413	1/24/2013	<0.019	U		0.0029	J		<0.0058	U		<0.0066	J	U	<0.01	U		<0.01	U	
		VMP-22-38-042213	4/22/2013	<0.021	U		<0.011	U		0.014			0.019		J	<0.011	U		<0.011	U	
	5 ft	VMP-23-5-021511	2/15/2011	<0.019	U		0.014			0.003	J		<0.0065	U		<0.01	U		<0.01	U	
		VMP-23-5-042111	4/21/2011	<0.16	U		<0.086	U		<0.05	U		<0.056	U		<0.088	U		<0.088	U	
		VMP-23-5-072711	7/27/2011	0.0088	J		0.058			0.0024	J		<0.0065	U		<0.01	U		<0.01	U	
		VMP-23-5-110211	11/2/2011	<0.013	U		0.025			<0.004	U		<0.0046	U		<0.0072	U		<0.0072	U	
		VMP-23-5-012512	1/25/2012	<0.011	U		0.013			<0.0034	U		0.0016	J		<0.006	U		<0.006	U	
		VMP-23-5-040912	4/9/2012	<0.014	U		0.01			0.0051			<0.0047	U		<0.0073	U		<0.0073	U	
		VMP-23-5-070912	7/9/2012	<0.012	U		<0.0064	U		<0.0037	U		0.0023	J		<0.0066	U		<0.0066	U	
		VMP-23-5-100312	10/3/2012	<0.021	U		0.0065	J		<0.0063	U		<0.0071	U		<0.011	U		<0.011	U	
		VMP-23-5-012413	1/24/2013	<0.018	U		0.0016	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0095	U	
		VMP-23-5-042213	4/22/2013	<0.02	U		<0.01	U		0.009			0.01		J	<0.01	U		<0.01	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Freon 114			Heptadecane			Heptane			Hexachlorobutadiene			Hexane			Hexane, 2,2,4-trimethyl-		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-22	5 ft	VMP-22-5-021111	2/11/2011	<0.18	U					<0.1	U		<1.1	U		<0.09	U				
		VMP-22-5-041811	4/18/2011	<0.088	U					<0.052	U		<0.54	U		<0.044	U				
		VMP-22-5-072611	7/26/2011	<0.01	U					0.017			<0.063	J	U	0.059					
		VMP-22-5-110111	11/1/2011	<0.0059	U					<0.0034	U		<0.036	U		<0.003	U				
		VMP-22-5-012412	1/24/2012	<0.0062	U					0.28		J	<0.038	U		0.7		J			
		VMP-22-5-040912	4/9/2012	<0.0068	U					0.018			<0.042	U		0.05					
		VMP-22-5-070912	7/9/2012	<0.0076	U					0.003	J		<0.046	U		<0.0038	U				
		VMP-22-5-100312	10/3/2012	<0.0088	U					<0.0052	U		<0.054	U		0.0023	J				
		VMP-22-5-100312-Dup	10/3/2012	<0.008	U					0.0036	J		<0.049	U		0.0062					
		VMP-22-5-012413	1/24/2013	<0.009	U					<0.0053	U		<0.055	U		<0.0045	U				
		VMP-22-5-041913	4/19/2013	<0.0088	U					0.0015	J		<0.054	U		0.0021	J				
	10 ft	VMP-22-10-021111	2/11/2011	<0.085	U					<0.05	U		<0.52	U		0.084					
		VMP-22-10-041811	4/18/2011	<0.091	U					<0.053	U		<0.56	U		<0.046	U				
		VMP-22-10-072611	7/26/2011	<0.01	U					0.0051	J		<0.065	U		<0.0053	U	UJ			
		VMP-22-10-072611-DUP	7/26/2011	<0.012	U					<0.0073	U		<0.076	U		0.022		J			
		VMP-22-10-110211	11/2/2011	<0.006	U					<0.0035	U		<0.036	U		<0.003	U				
		VMP-22-10-012412	1/24/2012	<0.0068	U					0.0028	J		<0.041	U		0.0019	J				
		VMP-22-10-040912	4/9/2012	<0.0067	U					0.01			<0.041	U		0.032					
		VMP-22-10-070912	7/9/2012	<0.0076	U					<0.0044	U		<0.046	U		<0.0038	U				
		VMP-22-10-070912-Dup	7/9/2012	<0.0074	U					0.0028	J		<0.045	U		0.0015	J				
		VMP-22-10-100312	10/3/2012	<0.0084	U					0.0031	J		<0.052	U		0.0047					
		VMP-22-10-012413	1/24/2013	<0.0096	U					<0.0056	U		<0.059	U		<0.0049	U				
		VMP-22-10-041913	4/19/2013	<0.0093	U					0.0054	J		<0.057	U		0.006					
	18 ft	VMP-22-18-021111	2/11/2011	<1.5	U					<0.87	U		<9.1	U		17					
		VMP-22-18-041811	4/18/2011	<6.3	U					3.9			<38	U		31					
		VMP-22-18-072611	7/26/2011	<3.2	U					<1.9	U		<20	U		26					
		VMP-22-18-110511	11/5/2011	<0.0064	U					0.00074	J		<0.039	U		<0.0032	J	U			
		VMP-22-18-012412	1/24/2012	<0.059	U					<0.034	U		<0.36	U		<0.03	U				
		VMP-22-18-040912	4/9/2012	<0.007	U					0.0061			<0.043	U		0.018					
		VMP-22-18-070912	7/9/2012	<0.0074	U					<0.0043	U		<0.045	U		<0.0037	U				
		VMP-22-18-100412	10/4/2012	<0.01	U					<0.0059	U		<0.062	U		<0.0051	U				
		VMP-22-18-012413	1/24/2013	<0.0096	U					<0.0056	U		<0.059	U		<0.0049	U				
		VMP-22-18-042213	4/22/2013	<0.01	U					<0.0059	U		<0.061	U		0.00093	J				
	38 ft	VMP-22-38-041811	4/18/2011	<19	U					55			<120	U		390					
		VMP-22-38-012512	1/25/2012	<0.059	U					0.026	J		<0.36	U		0.033					
		VMP-22-38-040912	4/9/2012	<0.0068	U					0.0075			<0.042	U		0.03					
		VMP-22-38-070912	7/9/2012	<0.0072	U					0.0013	J		<0.044	U		0.0011	J				
		VMP-22-38-100412	10/4/2012	<0.01	U					0.0018	J		<0.065	U		0.0025	J				
		VMP-22-38-012413	1/24/2013	<0.0094	U					<0.0055	U		<0.057	U		<0.0047	U				
		VMP-22-38-042213	4/22/2013	<0.01	U					0.0041	J		<0.062	U		0.0024	J				
	5 ft	VMP-23-5-021511	2/15/2011	<0.0092	U					0.0049	J		<0.056	U		0.0087					
		VMP-23-5-042111	4/21/2011	<0.08	U					<0.047	U		<0.49	U		0.013	J				
		VMP-23-5-072711	7/27/2011	<0.0092	U					0.0083			<0.056	U		0.011					
		VMP-23-5-110211	11/2/2011	<0.0065	U					<0.0038	U		<0.04	U		0.0012	J				
		VMP-23-5-012512	1/25/2012	<0.0055	U					0.0019	J		<0.034	U		0.0024	J				
		VMP-23-5-040912	4/9/2012	<0.0067	U					0.0033	J		<0.041	U		0.011					
		VMP-23-5-070912	7/9/2012	<0.006	U					0.0023	J		<0.036	U		0.0048					
		VMP-23-5-100312	10/3/2012	<0.01	U					<0.0059	U		<0.062	U		0.0016	J				
		VMP-23-5-012413	1/24/2013	<0.0086	U					<0.0051	U		<0.053	U		0.0011	J				
		VMP-23-5-042213	4/22/2013	<0.0096	U					0.005	J		<0.058	U		0.0041	J				

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Hexane, 3,4-dimethyl-			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
													600						3400		
				Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-22	5 ft	VMP-22-5-021111	2/11/2011				<0.42	U					<0.13	U		<0.1	U		<0.093	U	
		VMP-22-5-041811	4/18/2011				<0.21	U		0.13	J		<0.062	U		<0.052	U		<0.045	U	
		VMP-22-5-072611	7/26/2011				<0.024	U	UJ	0.67			0.023			0.12			<0.0053	U	
		VMP-22-5-110111	11/1/2011				<0.014	U		<0.0099	U		<0.0041	J	U	0.032			<0.003	U	
		VMP-22-5-012412	1/24/2012				<0.014	U		0.38		J	0.0018	J	J	0.014		J	<0.0032	U	
		VMP-22-5-040912	4/9/2012				<0.016	U		0.038			<0.0048	U		0.0025	J		<0.0035	U	
		VMP-22-5-070912	7/9/2012				<0.018	U		0.0017	J		<0.0053	U		<0.0044	U		<0.0039	U	
		VMP-22-5-100312	10/3/2012				<0.021	U		0.0047	J		<0.0062	U		<0.0052	U		<0.0045	U	
		VMP-22-5-100312-Dup	10/3/2012				0.0018	J		0.01	J		<0.0056	U		<0.0047	U		<0.0041	U	
		VMP-22-5-012413	1/24/2013				<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U	
		VMP-22-5-041913	4/19/2013				<0.021	U		0.0096	J		<0.0062	U		<0.0052	U		<0.0046	U	
	10 ft	VMP-22-10-021111	2/11/2011				<0.2	U					<0.06	U		<0.05	U		<0.044	U	
		VMP-22-10-041811	4/18/2011				<0.21	U		0.12	J		<0.064	U		<0.053	U		<0.047	U	
		VMP-22-10-072611	7/26/2011				<0.025	U	UJ	0.053			0.027			0.079			<0.0055	U	
		VMP-22-10-072611-DUP	7/26/2011				0.0057	J	J	0.17			0.025			0.084			<0.0064	U	
		VMP-22-10-110211	11/2/2011				<0.014	U		<0.01	U		<0.0042	J	U	0.022			<0.0031	U	
		VMP-22-10-012412	1/24/2012				<0.016	U		<0.011	U		0.0038	J		0.081			<0.0035	U	
		VMP-22-10-040912	4/9/2012				<0.016	U		0.025			<0.0047	U		<0.004	U		<0.0035	U	
		VMP-22-10-070912	7/9/2012				<0.018	U		<0.013	U		<0.0053	U		<0.0044	U		<0.0039	U	
		VMP-22-10-070912-Dup	7/9/2012				<0.017	U		0.00098	J		<0.0052	U		<0.0043	U		<0.0038	U	
		VMP-22-10-100312	10/3/2012				<0.02	U		0.014	J		<0.0059	U		<0.005	U		<0.0044	U	
		VMP-22-10-012413	1/24/2013				<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U	
		VMP-22-10-041913	4/19/2013				<0.022	U		0.012	J		<0.0066	J	U	<0.0055	U		<0.0048	U	
	18 ft	VMP-22-18-021111	2/11/2011				<3.5	U					<1	U		<0.87	U		<0.77	U	
		VMP-22-18-041811	4/18/2011				<15	U		1900			<4.4	U		<3.7	U		<3.2	U	
		VMP-22-18-072611	7/26/2011				<7.5	U	UJ	1300			<2.3	U		<1.9	U		<1.6	U	
		VMP-22-18-110511	11/5/2011				0.00084	J		0.012			0.002	J		0.016			<0.0033	U	
		VMP-22-18-012412	1/24/2012				<0.14	U		0.34		J	<0.041	U		<0.034	U		<0.03	U	
		VMP-22-18-040912	4/9/2012				<0.016	U		0.0082	J		<0.0049	U		0.002	J		<0.0036	U	
		VMP-22-18-070912	7/9/2012				<0.017	U		0.002	J		<0.0052	U		<0.0043	U		<0.0038	U	
		VMP-22-18-100412	10/4/2012				<0.024	U		0.0053	J		<0.0071	U		<0.0059	U		<0.0052	U	
		VMP-22-18-012413	1/24/2013				<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U	
		VMP-22-18-042213	4/22/2013				<0.024	U		<0.017	U		<0.007	U		<0.0059	U		<0.0052	U	
	38 ft	VMP-22-38-041811	4/18/2011				<45	U		6100			<14	U		<11	U		<10	U	
		VMP-22-38-012512	1/25/2012				<0.14	U		0.73			0.0051	J		<0.034	U		<0.03	U	
		VMP-22-38-040912	4/9/2012				<0.016	U		0.17			<0.0048	U		<0.004	U		<0.0035	U	
		VMP-22-38-070912	7/9/2012				<0.017	U		0.007	J		<0.0051	U		<0.0042	U		<0.0037	U	
		VMP-22-38-100412	10/4/2012				<0.025	U		0.0083	J		<0.0074	U		<0.0062	U		<0.0055	U	
		VMP-22-38-012413	1/24/2013				<0.022	U		0.0022	J		<0.0066	U		<0.0055	U		<0.0048	U	
		VMP-22-38-042213	4/22/2013				<0.024	U		0.0038	J		<0.0072	J	U	<0.006	U		<0.0053	U	
	5 ft	VMP-23-5-021511	2/15/2011				<0.022	U					<0.0065	U		<0.0054	U		<0.0048	U	
		VMP-23-5-042111	4/21/2011				<0.47	U		0.044	J		<0.056	U		<0.47	U		<0.041	U	
		VMP-23-5-072711	7/27/2011				0.006	J		0.14			0.037			0.25			<0.0048	U	
		VMP-23-5-110211	11/2/2011				0.001	J		<0.011	U		0.005			0.034			<0.0034	U	
		VMP-23-5-012512	1/25/2012				<0.013	U		0.0045	J		0.0033	J		0.017			<0.0028	U	
		VMP-23-5-040912	4/9/2012				<0.016	U		0.0021	J		0.012			0.041			<0.0034	U	
		VMP-23-5-070912	7/9/2012				<0.014	U		0.023			<0.0042	U		<0.0035	J	U	<0.0031	U	
		VMP-23-5-100312	10/3/2012				<0.024	U		0.0037	J		<0.0071	U		<0.0059	U		<0.0052	U	
		VMP-23-5-012413	1/24/2013				<0.02	U		0.015			<0.0061	U		<0.005	U		<0.0044	U	
		VMP-23-5-042213	4/22/2013				<0.022	U		0.01	J		<0.0067	J	U	<0.0056	U		<0.0049	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Pentane, 2,2,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,4-dimethyl-			Pentane, 2-methyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-22	5 ft	VMP-22-5-021111	2/11/2011																		
		VMP-22-5-041811	4/18/2011																		
		VMP-22-5-072611	7/26/2011																		
		VMP-22-5-110111	11/1/2011																		
		VMP-22-5-012412	1/24/2012																		
		VMP-22-5-040912	4/9/2012																		
		VMP-22-5-070912	7/9/2012																		
		VMP-22-5-100312	10/3/2012																		
		VMP-22-5-100312-Dup	10/3/2012																		
		VMP-22-5-012413	1/24/2013																		
		VMP-22-5-041913	4/19/2013																		
	10 ft	VMP-22-10-021111	2/11/2011																		
		VMP-22-10-041811	4/18/2011																		
		VMP-22-10-072611	7/26/2011																		
		VMP-22-10-072611-DUP	7/26/2011																		
		VMP-22-10-110211	11/2/2011																		
		VMP-22-10-012412	1/24/2012																		
		VMP-22-10-040912	4/9/2012																		
		VMP-22-10-070912	7/9/2012																		
		VMP-22-10-070912-Dup	7/9/2012																		
		VMP-22-10-100312	10/3/2012																		
		VMP-22-10-012413	1/24/2013																		
		VMP-22-10-041913	4/19/2013																		
	18 ft	VMP-22-18-021111	2/11/2011																		
		VMP-22-18-041811	4/18/2011																		
		VMP-22-18-072611	7/26/2011																		
		VMP-22-18-110511	11/5/2011																		
		VMP-22-18-012412	1/24/2012																		
		VMP-22-18-040912	4/9/2012																		
		VMP-22-18-070912	7/9/2012																		
		VMP-22-18-100412	10/4/2012																		
		VMP-22-18-012413	1/24/2013																		
		VMP-22-18-042213	4/22/2013																		
	38 ft	VMP-22-38-041811	4/18/2011																		
		VMP-22-38-012512	1/25/2012																		
		VMP-22-38-040912	4/9/2012																		
		VMP-22-38-070912	7/9/2012																		
		VMP-22-38-100412	10/4/2012																		
		VMP-22-38-012413	1/24/2013																		
		VMP-22-38-042213	4/22/2013																		
	5 ft	VMP-23-5-021511	2/15/2011																		
		VMP-23-5-042111	4/21/2011																		
		VMP-23-5-072711	7/27/2011																		
		VMP-23-5-110211	11/2/2011																		
		VMP-23-5-012512	1/25/2012																		
		VMP-23-5-040912	4/9/2012																		
		VMP-23-5-070912	7/9/2012																		
		VMP-23-5-100312	10/3/2012																		
		VMP-23-5-012413	1/24/2013																		
		VMP-23-5-042213	4/22/2013																		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrachloroethene		
										1400						0.55			0.55		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-22	5 ft	VMP-22-5-021111	2/11/2011	<0.25	U		<0.13	U		<0.11	U		<0.18	U		<0.17	U		<0.17	U	
		VMP-22-5-041811	4/18/2011	<0.12	UJ	UJ	<0.062	U		<0.054	U		<0.086	U		<0.085	U		<0.085	U	
		VMP-22-5-072611	7/26/2011	0.04			0.0016	J		<0.0063	J	U	<0.01	U		<0.01	J	UJ	<0.01	J	UJ
		VMP-22-5-110111	11/1/2011	0.012			<0.0041	U		<0.0036	U		<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-22-5-012412	1/24/2012	0.0081	J	J	<0.0044	J	U	<0.0038	U		<0.0061	U		<0.006	U		<0.006	U	
		VMP-22-5-040912	4/9/2012	0.012			<0.0048	U		<0.0042	U		<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-22-5-070912	7/9/2012	0.0083	J		<0.0053	J	U	<0.0046	U		<0.0074	U		<0.0074	U		<0.0074	U	
		VMP-22-5-100312	10/3/2012	0.0082	J		<0.0062	U		<0.0054	U		<0.0086	U		<0.0085	U		<0.0085	U	
		VMP-22-5-100312-Dup	10/3/2012	0.029			<0.0056	U		<0.0049	U		<0.0079	U		<0.0078	U		<0.0078	U	
		VMP-22-5-012413	1/24/2013	0.0011	J		<0.0063	U		<0.0055	U		<0.0088	U		<0.0088	J	U	<0.0088	J	U
		VMP-22-5-041913	4/19/2013	0.0094	J		<0.0062	U		<0.0054	U		<0.0087	U		<0.0086	J	U	<0.0086	J	U
	10 ft	VMP-22-10-021111	2/11/2011	<0.12	U		<0.06	U		<0.052	U		<0.084	U		<0.083	U		<0.083	U	
		VMP-22-10-041811	4/18/2011	<0.13	UJ	UJ	<0.064	U		<0.056	U		<0.09	U		<0.088	U		<0.088	U	
		VMP-22-10-072611	7/26/2011	0.016			0.001	J		0.0029	J		<0.01	U		<0.01	J	UJ	<0.01	J	UJ
		VMP-22-10-072611-DUP	7/26/2011	0.018			0.0012	J		0.0028	J		<0.012	U		<0.012	U	UJ	<0.012	U	UJ
		VMP-22-10-110211	11/2/2011	0.009			<0.0042	U		<0.0036	U		<0.0059	U		<0.0058	U		<0.0058	U	
		VMP-22-10-012412	1/24/2012	0.011			<0.0048	J	U	<0.0041	U		<0.0066	U		0.0033	J		0.0033	J	
		VMP-22-10-040912	4/9/2012	0.012			0.0028	J		<0.0041	U		<0.0066	U		<0.0065	U		<0.0065	U	
		VMP-22-10-070912	7/9/2012	0.0054	J		<0.0053	U		<0.0046	U		<0.0074	U		<0.0074	U		<0.0074	U	
		VMP-22-10-070912-Dup	7/9/2012	0.0066	J		<0.0052	U		<0.0045	U		<0.0073	U		<0.0072	U		<0.0072	U	
		VMP-22-10-100312	10/3/2012	0.021			<0.0059	U		<0.0052	U		<0.0083	U		<0.0082	U		<0.0082	U	
		VMP-22-10-012413	1/24/2013	0.0052	J		<0.0068	U		<0.0059	U		<0.0095	U		<0.0094	U		<0.0094	U	
		VMP-22-10-041913	4/19/2013	0.003	J		0.0046	J		<0.0057	U		<0.0092	U		<0.009	J	U	<0.009	J	U
	18 ft	VMP-22-18-021111	2/11/2011	<2.1	U		<1	U		<0.9	U		<1.4	U		<1.4	U		<1.4	U	
		VMP-22-18-041811	4/18/2011	<8.8	UJ	UJ	<4.4	U		<3.8	U		<6.2	U		<6.1	U		<6.1	U	
		VMP-22-18-072611	7/26/2011	<4.5	U		<2.3	U		<2	U		<3.2	U		<3.1	U	UJ	<3.1	U	UJ
		VMP-22-18-110511	11/5/2011	0.0073	J		0.00027	J		<0.0039	U		<0.0063	U		<0.0062	J	U	<0.0062	J	U
		VMP-22-18-012412	1/24/2012	0.029	J	J	<0.041	U		<0.036	U		<0.058	U		<0.057	U		<0.057	U	
		VMP-22-18-040912	4/9/2012	<0.0099	U		0.0013	J		<0.0043	U		<0.0069	U		<0.0068	U		<0.0068	U	
		VMP-22-18-070912	7/9/2012	0.0074	J		<0.0052	U		<0.0045	U		<0.0073	U		<0.0072	U		<0.0072	U	
		VMP-22-18-100412	10/4/2012	0.033			<0.0071	U		<0.0062	U		<0.0099	U		<0.0098	U		<0.0098	U	
		VMP-22-18-012413	1/24/2013	0.0073	J		<0.0068	U		<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0094	J	U
		VMP-22-18-042213	4/22/2013	0.003	J		<0.007	U		<0.0061	U		<0.0098	U		<0.0097	J	U	<0.0097	J	U
	38 ft	VMP-22-38-041811	4/18/2011	<27	UJ	UJ	<14	U		<12	U		<19	U		<19	U		<19	U	
		VMP-22-38-012512	1/25/2012	<0.082	U		<0.041	U		<0.036	U		<0.058	U		<0.057	U		<0.057	U	
		VMP-22-38-040912	4/9/2012	0.01			<0.0048	U		<0.0042	U		<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-22-38-070912	7/9/2012	0.011			<0.0051	U		<0.0044	U		<0.0071	U		<0.007	U		<0.007	U	
		VMP-22-38-100412	10/4/2012	<0.015	U		<0.0074	U		<0.0064	U		<0.01	U		0.011			0.011		
		VMP-22-38-012413	1/24/2013	0.0061	J		<0.0066	U		<0.0057	U		<0.0092	U		<0.0091	J	U	<0.0091	J	U
		VMP-22-38-042213	4/22/2013	<0.014	U		0.006	J		<0.0062	U		<0.01	U		<0.0099	J	U	<0.0099	J	U
	5 ft	VMP-23-5-021511	2/15/2011	0.0033	J		<0.0065	U		<0.0056	U		<0.0091	U		<0.009	U		<0.009	U	
		VMP-23-5-042111	4/21/2011	0.015	J		<0.056	U		<0.49	U		<0.079	U		<0.078	U		<0.078	U	
		VMP-23-5-072711	7/27/2011	0.14			0.00076	J		0.0013	J		<0.0091	U		<0.009	U		<0.009	U	
		VMP-23-5-110211	11/2/2011	0.014			<0.0046	U		<0.004	U		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-23-5-012512	1/25/2012	0.0018	J		0.0008	J		<0.0034	U		<0.0054	U		0.0021	J		0.0021	J	
		VMP-23-5-040912	4/9/2012	0.023			<0.0047	U		<0.0041	U		<0.0066	U		<0.0065	U		<0.0065	U	
		VMP-23-5-070912	7/9/2012	<0.0084	U		<0.0042	J	U	<0.0036	J	U	<0.0059	U		<0.0058	U		<0.0058	U	
		VMP-23-5-100312	10/3/2012	<0.014	U		<0.0071	U		<0.0062	U		<0.0099	U		<0.0098	U		<0.0098	U	
		VMP-23-5-012413	1/24/2013	0.004	J		<0.0061	U		<0.0053	U		<0.0085	U		<0.0084	U		<0.0084	U	
		VMP-23-5-042213	4/22/2013	0.006	J		<0.0067	J	U	<0.0058	U		<0.0094	U		<0.0093	J	U	<0.0093	J	U

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							6200			11			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-22	5 ft	VMP-22-5-021111	2/11/2011	<0.076	U		<0.097	U		<0.76	U		<0.14	U		<0.14	U		<0.14	U	
		VMP-22-5-041811	4/18/2011	<0.037	U	UJ	<0.047	U		<0.37	U		<0.069	U		<0.069	U		<0.068	U	
		VMP-22-5-072611	7/26/2011	<0.0044	U		0.016			<0.044	J	U	<0.0081	U		<0.0081	U		<0.008	U	
		VMP-22-5-110111	11/1/2011	<0.0025	U		0.011			<0.025	U		<0.0046	U		<0.0046	U		<0.0045	U	
		VMP-22-5-012412	1/24/2012	<0.0026	U		0.023		J	<0.026	U		<0.0048	U		<0.0048	U		<0.0048	U	
		VMP-22-5-040912	4/9/2012	<0.0029	U		0.0058			<0.029	U		<0.0053	U		<0.0053	U		<0.0053	U	
		VMP-22-5-070912	7/9/2012	<0.0032	U		0.01			<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-22-5-100312	10/3/2012	<0.0037	U		0.0018	J		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-22-5-100312-Dup	10/3/2012	<0.0034	U		0.0066			<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U	
		VMP-22-5-012413	1/24/2013	<0.0038	U		<0.0049	J	U	<0.038	J	U	<0.007	U		<0.007	U		<0.0069	U	
		VMP-22-5-041913	4/19/2013	<0.0037	U		0.0038	J		<0.038	J	U	<0.0069	U		<0.0069	U		<0.0068	U	
	10 ft	VMP-22-10-021111	2/11/2011	<0.036	U		<0.046	U		<0.36	U		<0.066	U		<0.066	U		<0.066	U	
		VMP-22-10-041811	4/18/2011	<0.038	U	UJ	<0.049	U		<0.39	U		<0.071	U		<0.071	U		<0.07	U	
		VMP-22-10-072611	7/26/2011	<0.0045	U		0.013			<0.045	J	U	<0.0083	U		<0.0083	U		<0.0081	U	
		VMP-22-10-072611-DUP	7/26/2011	<0.0052	U		0.012			<0.053	J	U	<0.0097	U		<0.0097	U		<0.0096	U	
		VMP-22-10-110211	11/2/2011	<0.0025	U		0.006			<0.025	U		<0.0047	U		<0.0047	U		<0.0046	U	
		VMP-22-10-012412	1/24/2012	0.0014	J		0.0071			<0.029	U		<0.0053	U		<0.0053	U		0.0015	J	
		VMP-22-10-040912	4/9/2012	<0.0028	U		0.0052			<0.029	U		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-22-10-070912	7/9/2012	<0.0032	U		<0.0041	J	U	<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-22-10-070912-Dup	7/9/2012	<0.0031	U		0.0022	J		<0.031	U		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-22-10-100312	10/3/2012	<0.0036	U		0.0063			<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-22-10-012413	1/24/2013	<0.0041	U		<0.0052	J	U	<0.041	J	U	<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-22-10-041913	4/19/2013	<0.0039	U		0.011			<0.04	J	U	<0.0073	U		<0.0073	U		<0.0072	U	
	18 ft	VMP-22-18-021111	2/11/2011	<0.63	U		0.34	J		<6.3	U		<1.2	U		<1.2	U		<1.1	U	
		VMP-22-18-041811	4/18/2011	<2.6	U	UJ	<3.4	U		<27	U		<4.9	U		<4.9	U		<4.8	U	
		VMP-22-18-072611	7/26/2011	<1.4	U		<1.7	U		<14	U		<2.5	U		<2.5	U		<2.5	U	
		VMP-22-18-110511	11/5/2011	<0.0027	U		0.012			<0.027	U		<0.005	U		<0.005	U		<0.0049	J	U
		VMP-22-18-012412	1/24/2012	<0.025	U		<0.032	U		<0.25	U		<0.046	U		<0.046	U		<0.045	U	
		VMP-22-18-040912	4/9/2012	<0.003	U		0.0038			<0.03	U		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-22-18-070912	7/9/2012	<0.0031	U		0.0029	J		<0.031	U		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-22-18-100412	10/4/2012	0.0066			0.0017	J		<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U	
		VMP-22-18-012413	1/24/2013	<0.0041	U		<0.0052	J	U	<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-22-18-042213	4/22/2013	0.00055	J		<0.0054	J	U	<0.043	J	U	<0.0078	U		<0.0078	U		<0.0077	U	
	38 ft	VMP-22-38-041811	4/18/2011	<8.1	U	UJ	<10	U		<82	U		<15	U		<15	U		<15	U	
		VMP-22-38-012512	1/25/2012	<0.025	U		<0.032	U		<0.25	U		<0.046	U		<0.046	U		<0.045	U	
		VMP-22-38-040912	4/9/2012	0.0012	J		0.013			<0.029	U		<0.0053	U		<0.0053	U		0.002	J	
		VMP-22-38-070912	7/9/2012	<0.003	U		0.0028	J		<0.03	U		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-22-38-100412	10/4/2012	<0.0045	U		0.0026	J		<0.045	J	U	<0.0083	U		<0.0083	U		<0.0081	U	
		VMP-22-38-012413	1/24/2013	<0.004	U		<0.0051	J	U	<0.04	J	U	<0.0073	U		<0.0073	U		<0.0072	U	
		VMP-22-38-042213	4/22/2013	<0.0043	U		0.011			<0.043	J	U	<0.008	U		<0.008	U		<0.0079	U	
	5 ft	VMP-23-5-021511	2/15/2011	<0.0039	U		0.013			<0.039	U		<0.0072	U		<0.0072	U		0.002	J	
		VMP-23-5-042111	4/21/2011	<0.034	U		<0.043	U		<0.34	U		<0.062	U		<0.062	U		<0.062	U	
		VMP-23-5-072711	7/27/2011	<0.0039	U		0.037			<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-23-5-110211	11/2/2011	<0.0028	U		0.0098			<0.028	U		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-23-5-012512	1/25/2012	<0.0023	U		0.0043			<0.023	U		<0.0043	U		<0.0043	U		0.0014	J	
		VMP-23-5-040912	4/9/2012	0.026			0.022			<0.028	U		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-23-5-070912	7/9/2012	0.013			0.011			<0.025	U		<0.0047	U		<0.0047	U		<0.0046	U	
		VMP-23-5-100312	10/3/2012	<0.0043	U		0.0013	J		<0.043	J	U	<0.0079	U		<0.0079	U		<0.0078	U	
		VMP-23-5-012413	1/24/2013	<0.0036	U		<0.0046	J	U	<0.037	J	U	<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-23-5-042213	4/22/2013	<0.004	U		0.0085			<0.041	J	U	<0.0075	U		<0.0075	U		<0.0074	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride		
				860			860												0.29		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-22	5 ft	VMP-22-5-021111	2/11/2011	<0.14	U		<0.14	U		<0.13	U		<0.13	U		81			<0.066	U	
		VMP-22-5-041811	4/18/2011	<0.071	U		<0.071	U		<0.062	U		<0.062	U		0.22			<0.032	U	
		VMP-22-5-072611	7/26/2011	<0.0083	U		<0.0083	U		<0.0073	J	U	<0.0073	J	U	0.13			<0.0038	U	
		VMP-22-5-110111	11/1/2011	<0.0047	U		<0.0047	U		<0.0041	U		<0.0041	U		0.00041	J		<0.0021	U	
		VMP-22-5-012412	1/24/2012	0.0013	J	J	0.0013	J	J	<0.0044	U		<0.0044	U		1.4		J	<0.0023	U	
		VMP-22-5-040912	4/9/2012	<0.0055	U		<0.0055	U		<0.0048	U		<0.0048	U		0.17			<0.0025	U	
		VMP-22-5-070912	7/9/2012	0.0013	J		0.0013	J		<0.0053	J	U	<0.0053	U		0.0024	J		<0.0028	U	
		VMP-22-5-100312	10/3/2012	<0.0071	U		<0.0071	U		<0.0062	J	U	<0.0062	U		<0.0059	J	U	<0.0032	U	
		VMP-22-5-100312-Dup	10/3/2012	0.0012	J		0.0012	J		<0.0056	U		<0.0056	U		0.0064			<0.0029	U	
		VMP-22-5-012413	1/24/2013	0.0015	J		0.0015	J		<0.0063	U		<0.0063	U		0.0081			<0.0033	U	
		VMP-22-5-041913	4/19/2013	0.0014	J		0.0014	J		<0.0062	U		<0.0062	U		0.068			<0.0032	U	
	10 ft	VMP-22-10-021111	2/11/2011	<0.068	U		<0.068	U		<0.06	U		<0.06	U		25			<0.031	U	
		VMP-22-10-041811	4/18/2011	<0.073	U		<0.073	U		<0.064	U		<0.064	U		0.016	J		<0.033	U	
		VMP-22-10-072611	7/26/2011	<0.0085	U		<0.0085	U		<0.0074	J	U	<0.0074	J	U	0.022		J	<0.0039	U	
		VMP-22-10-072611-DUP	7/26/2011	<0.01	U		<0.01	U		<0.0088	J	U	<0.0088	U		0.051		J	<0.0046	U	
		VMP-22-10-110211	11/2/2011	<0.0048	U		<0.0048	U		<0.0042	U		<0.0042	U		<0.004	U		<0.0022	U	
		VMP-22-10-012412	1/24/2012	0.001	J		0.001	J		<0.0048	U		<0.0048	U		0.0063			<0.0025	U	
		VMP-22-10-040912	4/9/2012	0.0018	J		0.0018	J		<0.0047	U		<0.0047	U		0.13			<0.0025	U	
		VMP-22-10-070912	7/9/2012	0.0014	J		0.0014	J		<0.0053	U		<0.0053	U		<0.0051	U		<0.0028	U	
		VMP-22-10-070912-Dup	7/9/2012	<0.006	U		<0.006	U		<0.0052	U		<0.0052	U		<0.005	U		<0.0027	U	
		VMP-22-10-100312	10/3/2012	0.0014	J		0.0014	J		<0.0059	U		<0.0059	U		0.085			<0.0031	U	
		VMP-22-10-012413	1/24/2013	0.0013	J		0.0013	J		<0.0068	U		<0.0068	U		0.003	J		<0.0035	U	
		VMP-22-10-041913	4/19/2013	0.0015	J		0.0015	J		0.0098			<0.0066	J	U	0.057			<0.0034	U	
	18 ft	VMP-22-18-021111	2/11/2011	<1.2	U		<1.2	U		<1	U		<1	U		480			<0.54	U	
		VMP-22-18-041811	4/18/2011	<5	U		<5	U		<4.4	U		<4.4	U		390			<2.3	U	
		VMP-22-18-072611	7/26/2011	<2.6	U		<2.6	U		<2.3	U		<2.3	U		340			<1.2	U	
		VMP-22-18-110511	11/5/2011	<0.0051	U		<0.0051	U		<0.0045	U		<0.0045	U		0.028			<0.0023	U	
		VMP-22-18-012412	1/24/2012	<0.047	U		<0.047	U		<0.16	U		<0.041	U		17		J	<0.021	U	
		VMP-22-18-040912	4/9/2012	<0.0056	U		<0.0056	U		<0.0049	U		<0.0049	U		0.081			<0.0026	U	
		VMP-22-18-070912	7/9/2012	<0.006	U		<0.006	U		<0.0052	U		<0.0052	U		0.0014	J		<0.0027	U	
		VMP-22-18-100412	10/4/2012	0.0013	J		0.0013	J		<0.0071	U		<0.0071	U		0.017			<0.0037	U	
		VMP-22-18-012413	1/24/2013	0.0014	J		0.0014	J		<0.0068	U		<0.0068	U		0.0021	J		<0.0035	U	
		VMP-22-18-042213	4/22/2013	0.0014	J		0.0014	J		<0.007	U		<0.007	U		0.092			<0.0037	U	
	38 ft	VMP-22-38-041811	4/18/2011	<16	U		<16	U		<14	U		<14	U		710			<7	U	
		VMP-22-38-012512	1/25/2012	<0.047	U		<0.047	U		<0.041	U		<0.041	U		14			<0.021	U	
		VMP-22-38-040912	4/9/2012	<0.0055	U		<0.0055	U		<0.0048	U		<0.0048	U		0.14			<0.0025	U	
		VMP-22-38-070912	7/9/2012	<0.0058	U		<0.0058	U		<0.0051	U		<0.0051	U		0.0035	J		<0.0026	U	
		VMP-22-38-100412	10/4/2012	<0.0085	U		<0.0085	U		<0.0074	U		<0.0074	U		0.056			<0.0039	U	
		VMP-22-38-012413	1/24/2013	0.0014	J		0.0014	J		<0.0066	U		<0.0066	U		0.0021	J		<0.0034	U	
		VMP-22-38-042213	4/22/2013	0.0013	J		0.0013	J		0.011			<0.0072	J	U	0.023			<0.0037	U	
	5 ft	VMP-23-5-021511	2/15/2011	0.0011	J		0.0011	J		<0.0065	U		<0.0065	U		0.0085			<0.0034	U	
		VMP-23-5-042111	4/21/2011	<0.064	U		<0.064	U		<0.056	U		<0.056	U		0.016	J		<0.029	U	
		VMP-23-5-072711	7/27/2011	0.0017	J		0.0017	J		0.003	J		0.00078	J		0.047			<0.0034	U	
		VMP-23-5-110211	11/2/2011	<0.0052	U		<0.0052	U		<0.0046	U		<0.0046	U		0.00055	J		<0.0024	U	
		VMP-23-5-012512	1/25/2012	<0.0044	U		<0.0044	U		0.0012	J		0.00097	J		0.044			<0.002	U	
		VMP-23-5-040912	4/9/2012	<0.0054	U		<0.0054	U		<0.0047	U		<0.0047	U		0.022			<0.0024	U	
		VMP-23-5-070912	7/9/2012	0.0012	J		0.0012	J		0.003	J		0.00091	J		0.0028	J		<0.0022	U	
		VMP-23-5-100312	10/3/2012	<0.0081	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0049	J		<0.0037	U	
		VMP-23-5-012413	1/24/2013	0.0014	J		0.0014	J		<0.0061	U		<0.0061	U		0.011			<0.0032	U	
		VMP-23-5-042213	4/22/2013	0.0012	J		0.0012	J		0.0072			<0.0067	J	U	0.058			<0.0035	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	m,p-Xylenes			o-Xylenes			Isobutane			Isobutane			Pentane		
				130			120											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-22	5 ft	VMP-22-5-021111	2/11/2011	<0.11	U		<0.11	U										
		VMP-22-5-041811	4/18/2011	<0.055	U		<0.055	U										
		VMP-22-5-072611	7/26/2011	0.0056	J		0.002	J										
		VMP-22-5-110111	11/1/2011	<0.0036	J	U	<0.0036	U										
		VMP-22-5-012412	1/24/2012	0.0067		J	0.0012	J	J									
		VMP-22-5-040912	4/9/2012	0.0016	J		<0.0042	U										
		VMP-22-5-070912	7/9/2012	0.0099			0.0028	J										
		VMP-22-5-100312	10/3/2012	<0.0055	J	U	<0.0055	U										
		VMP-22-5-100312-Dup	10/3/2012	<0.005	J	U	<0.005	U										
		VMP-22-5-012413	1/24/2013	<0.0056	U		<0.0056	U										
		VMP-22-5-041913	4/19/2013	<0.0055	U		<0.0055	U										
	10 ft	VMP-22-10-021111	2/11/2011	<0.053	U		<0.053	U										
		VMP-22-10-041811	4/18/2011	<0.057	U		<0.057	U										
		VMP-22-10-072611	7/26/2011	0.0039	J		<0.0066	U										
		VMP-22-10-072611-DUP	7/26/2011	0.0034	J		<0.0077	U										
		VMP-22-10-110211	11/2/2011	<0.0037	J	U	<0.0037	U										
		VMP-22-10-012412	1/24/2012	0.0018	J		0.00084	J										
		VMP-22-10-040912	4/9/2012	0.0023	J		<0.0042	U										
		VMP-22-10-070912	7/9/2012	<0.0047	U		<0.0047	U										
		VMP-22-10-070912-Dup	7/9/2012	<0.0046	J	U	<0.0046	U										
		VMP-22-10-100312	10/3/2012	<0.0052	J	U	<0.0052	U										
		VMP-22-10-012413	1/24/2013	<0.006	U		<0.006	U										
		VMP-22-10-041913	4/19/2013	0.028			0.014											
	18 ft	VMP-22-18-021111	2/11/2011	<0.92	U		<0.92	U										
		VMP-22-18-041811	4/18/2011	<3.9	U		<3.9	U										
		VMP-22-18-072611	7/26/2011	<2	U		<2	U										
		VMP-22-18-110511	11/5/2011	0.0017	J		<0.004	U										
		VMP-22-18-012412	1/24/2012	<0.036	U		<0.036	U										
		VMP-22-18-040912	4/9/2012	0.0015	J		<0.0044	U										
		VMP-22-18-070912	7/9/2012	<0.0046	J	U	<0.0046	U										
		VMP-22-18-100412	10/4/2012	<0.0063	U		<0.0063	U										
		VMP-22-18-012413	1/24/2013	<0.006	U		<0.006	U										
		VMP-22-18-042213	4/22/2013	<0.0062	U		<0.0062	U										
	38 ft	VMP-22-38-041811	4/18/2011	<12	U		<12	U										
		VMP-22-38-012512	1/25/2012	0.0087	J		<0.036	U										
		VMP-22-38-040912	4/9/2012	0.0027	J		<0.0042	U										
		VMP-22-38-070912	7/9/2012	<0.0045	J	U	<0.0045	U										
		VMP-22-38-100412	10/4/2012	<0.0066	J	U	<0.0066	U										
		VMP-22-38-012413	1/24/2013	<0.0058	U		<0.0058	U										
		VMP-22-38-042213	4/22/2013	0.037			0.019											
	5 ft	VMP-23-5-021511	2/15/2011	0.0046	J		0.0013	J										
		VMP-23-5-042111	4/21/2011	0.022	J		<0.05	U										
		VMP-23-5-072711	7/27/2011	0.0064			0.0014	J										
		VMP-23-5-110211	11/2/2011	<0.0041	J	U	<0.0041	U										
		VMP-23-5-012512	1/25/2012	0.0016	J		0.00044	J										
		VMP-23-5-040912	4/9/2012	0.015			0.0035	J										
		VMP-23-5-070912	7/9/2012	<0.0037	J	U	0.00085	J										
		VMP-23-5-100312	10/3/2012	<0.0063	U		<0.0063	U										
		VMP-23-5-012413	1/24/2013	<0.0054	U		<0.0054	U										
		VMP-23-5-042213	4/22/2013	0.024			0.012											

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene		
				750000			0.37			450000			11			6.9					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011	0.009	J		0.0014	J		0.0023	J		<0.014	U		<0.0053	U		<0.003	U	
		VMP-23-10-042111	4/21/2011	<0.13	U		0.28			<0.092	U		<0.14	U		<0.054	U		<0.03	U	
		VMP-23-10-072711	7/27/2011	<0.012	U		<0.004	U		<0.0084	U		<0.013	U		<0.0049	U		<0.0028	U	
		VMP-23-10-110211	11/2/2011	0.029			0.021			<0.0061	U		<0.0094	U		<0.0036	U		<0.002	U	
		VMP-23-10-012512	1/25/2012	0.0099			0.068			<0.0052	U		<0.008	U		<0.003	U		<0.0017	U	
		VMP-23-10-040912	4/9/2012	0.025			0.002	J		<0.0065	U		<0.01	U		<0.038	U	UJ	<0.0022	U	
		VMP-23-10-040912-Dup	4/9/2012	0.043			0.0041			0.0021	J		<0.01	U		<0.038	U	UJ	<0.0022	U	
		VMP-23-10-070912	7/9/2012	0.065			0.0014	J		<0.0052	U		<0.008	U		<0.03	U		<0.0017	U	
		VMP-23-10-100312	10/3/2012	0.064			0.011			<0.01	U		<0.016	U		<0.06	U		<0.0034	U	
		VMP-23-10-012413	1/24/2013	0.0072	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U	
		VMP-23-10-042213	4/22/2013	0.0094	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U	
	25 ft	VMP-23-25-021511	2/15/2011	0.011	J		0.018			<0.0084	U		<0.013	U		<0.0049	U		<0.0028	U	
		VMP-23-25-042111	4/21/2011	0.035	J		1.6			<0.086	U		<0.13	U		<0.05	U		<0.028	U	
		VMP-23-25-072711	7/27/2011	0.05			0.15			<0.0097	U		<0.015	U		<0.0056	U		<0.0032	U	
		VMP-23-25-110511	11/5/2011	0.041			0.002	J		<0.0061	J	U	<0.0094	J	U	<0.0036	U		<0.002	U	
		VMP-23-25-012512	1/25/2012	0.0065	J		0.058			<0.0055	U		<0.0085	U		<0.0032	U		<0.0018	U	
		VMP-23-25-040912	4/9/2012	0.14			0.022			<0.0064	U		<0.0099	U		0.067	J	J	<0.0021	U	
		VMP-23-25-071012	7/10/2012	0.15			0.0027	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U	
		VMP-23-25-100312	10/3/2012	0.086			0.0095			<0.01	U		<0.016	U		<0.059	U		<0.0034	U	
		VMP-23-25-012413	1/24/2013	0.0073	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U	
		VMP-23-25-042213	4/22/2013	0.024	J		0.0019	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
	40 ft	VMP-23-40-071012	7/10/2012	0.18			0.0081			<0.0069	U		<0.011	U		0.0039	J		<0.0023	U	
		VMP-23-40-100312	10/3/2012	0.09			0.018			<0.0094	U		<0.014	U		0.0046	J		<0.0031	U	
		VMP-23-40-012413	1/24/2013	0.012	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U	
		VMP-23-40-042213	4/22/2013	0.0094	J		0.018			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U	
		VMP-23-40-042213-Dup	4/22/2013	0.013	J		0.014			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U	
	5 ft	VMP-24-5-021611	2/16/2011	0.019			0.019			<0.0094	U		<0.014	U		<0.0055	U		<0.0031	U	
		VMP-24-5-040811	4/8/2011	<0.14	U		5			<0.1	U		<0.16	U		<0.058	U		<0.033	U	
		VMP-24-5-072811	7/28/2011	0.047			0.093			<0.0094	U		<0.014	U		<0.0055	U		<0.0031	U	
		VMP-24-5-110211	11/2/2011	0.013			0.018			<0.0063	U		<0.0097	U		<0.0036	U		<0.0021	U	
		VMP-24-5-110211-DUP	11/2/2011	0.016			0.018			<0.0087	U		<0.013	U		<0.005	U		<0.0029	U	
		VMP-24-5-012512	1/25/2012	0.009			0.0013	J		0.00082	J		<0.0083	U		<0.0031	U		<0.0018	U	
		VMP-24-5-040912	4/9/2012	0.11			0.024			<0.0064	U		<0.0099	U		<0.062	J	UJ	<0.0021	U	
		VMP-24-5-071212	7/12/2012	0.052			0.043			<0.0061	U		<0.0094	U		<0.036	U		<0.002	U	
		VMP-24-5-101912	10/19/2012	0.025	J		0.081			<0.0095	U		<0.015	U		<0.055	U		<0.0031	U	
		VMP-24-5-012313	1/23/2013	0.025	J		0.0088			<0.0084	U		<0.013	U		<0.049	U		<0.0028	U	
		VMP-24-5-050113	5/1/2013	0.022	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U	
	10 ft	VMP-24-10-021711	2/17/2011	0.01	J		1.4			<0.009	U		<0.014	U		<0.0052	U		<0.003	U	
		VMP-24-10-041111	4/11/2011	0.012	J		2.5			<0.017	U		<0.026	U		<0.0098	U		<0.0056	U	
		VMP-24-10-072811	7/28/2011	0.048			0.11			<0.0092	U		<0.014	U		<0.0054	U		<0.003	U	
		VMP-24-10-110211	11/2/2011	0.015			0.002	J		<0.0055	U		<0.0085	U		<0.0032	U		<0.0018	U	
		VMP-24-10-012512	1/25/2012	0.0073			0.00061	J		0.00074	J		<0.008	U		<0.003	U		<0.0017	U	
		VMP-24-10-041012	4/10/2012	0.054			<0.0029	J	U	<0.0061	U		<0.0094	U		<0.036	J	UJ	<0.002	U	
		VMP-24-10-071212	7/12/2012	0.088			0.0078			<0.0071	U		<0.011	U		<0.041	U		<0.0023	U	
		VMP-24-10-100912	10/9/2012	0.016	J		0.00099	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U	
		VMP-24-10-012313	1/23/2013	<0.033	J	U	0.0072			<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
		VMP-24-10-042513	4/25/2013	0.025	J		0.0053	J		<0.036	U		<0.055	U		<0.2	U		<0.012	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Butane			Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			2-Butanone			Carbon disulfide		
																6400			780		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011													<0.004	U		<0.0042	U	
		VMP-23-10-042111	4/21/2011	1.7												<0.16	U		<0.043	U	
		VMP-23-10-072711	7/27/2011	<0.012	U											<0.015	U		<0.016	U	
		VMP-23-10-110211	11/2/2011	<0.0087	U											0.0083	J		<0.011	J	U
		VMP-23-10-012512	1/25/2012	0.0094												0.0033	J		<0.0096	U	
		VMP-23-10-040912	4/9/2012	<0.0093	U											0.0068	J		0.0049	J	
		VMP-23-10-040912-Dup	4/9/2012	0.0072	J											0.012			0.0042	J	
		VMP-23-10-070912	7/9/2012	<0.0074	U											0.0061	J		<0.0096	U	
		VMP-23-10-100312	10/3/2012	0.0053	J											<0.018	U		<0.019	J	U
		VMP-23-10-012413	1/24/2013	<0.012	U											<0.014	U		<0.015	J	U
		VMP-23-10-042213	4/22/2013	<0.012	U											<0.016	U		<0.016	J	U
	25 ft	VMP-23-25-021511	2/15/2011													<0.0037	U		<0.0039	U	
		VMP-23-25-042111	4/21/2011	8.2												<0.15	U		<0.04	U	
		VMP-23-25-072711	7/27/2011	<0.014	U											0.032			0.0077	J	
		VMP-23-25-110511	11/5/2011	<0.0087	U											0.014			<0.011	J	U
		VMP-23-25-012512	1/25/2012	0.0046	J											0.0047	J		<0.01	U	
		VMP-23-25-040912	4/9/2012	<0.0091	U											0.06			0.0076	J	
		VMP-23-25-071012	7/10/2012	<0.012	U											0.013	J		<0.015	U	
		VMP-23-25-100312	10/3/2012	<0.014	U											0.0052	J		<0.019	J	U
		VMP-23-25-012413	1/24/2013	0.0059	J											<0.015	U		<0.016	J	U
		VMP-23-25-042213	4/22/2013	<0.013	U											<0.016	U		<0.017	J	U
	40 ft	VMP-23-40-071012	7/10/2012	0.0065	J											0.016			<0.013	U	
		VMP-23-40-100312	10/3/2012	<0.013	U											0.0041	J		<0.018	J	U
		VMP-23-40-012413	1/24/2013	0.0045	J											0.0024	J		<0.016	J	U
		VMP-23-40-042213	4/22/2013	0.028												<0.017	U		<0.018	J	U
		VMP-23-40-042213-Dup	4/22/2013	0.025												0.0074	J		<0.018	J	U
	5 ft	VMP-24-5-021611	2/16/2011													<0.0042	U		<0.0044	J	U
		VMP-24-5-040811	4/8/2011	5.6												<0.18	U		0.042	J	
		VMP-24-5-072811	7/28/2011	0.031												0.021			0.037		
		VMP-24-5-110211	11/2/2011	0.0063	J											<0.011	U		<0.012	J	U
		VMP-24-5-110211-DUP	11/2/2011	0.013												0.0048	J		<0.016	J	U
		VMP-24-5-012512	1/25/2012	0.0032	J											0.0045	J		<0.01	U	
		VMP-24-5-040912	4/9/2012	0.0049	J											0.038			0.007	J	
		VMP-24-5-071212	7/12/2012	<0.0087	U											0.012			<0.011	U	
		VMP-24-5-101912	10/19/2012	0.0086	J											<0.017	U		<0.018	J	U
		VMP-24-5-012313	1/23/2013	<0.012	U											<0.015	U		<0.016	J	U
		VMP-24-5-050113	5/1/2013	<0.014	U											0.0042	J		<0.019	J	U
	10 ft	VMP-24-10-021711	2/17/2011													<0.004	U		<0.0042	J	U
		VMP-24-10-041111	4/11/2011	0.54												<0.03	U		0.0049	J	
		VMP-24-10-072811	7/28/2011	<0.013	U											0.023			0.0037	J	
		VMP-24-10-110211	11/2/2011	<0.0078	U											0.0069	J		<0.01	J	U
		VMP-24-10-012512	1/25/2012	<0.0074	U											0.0032	J		<0.0096	U	
		VMP-24-10-041012	4/10/2012	<0.0087	U											0.012			<0.011	U	
		VMP-24-10-071212	7/12/2012	<0.01	U											0.02			<0.013	U	
		VMP-24-10-100912	10/9/2012	<0.012	U											<0.016	U		<0.016	U	
		VMP-24-10-012313	1/23/2013	<0.013	U											<0.016	U		<0.017	J	U
		VMP-24-10-042513	4/25/2013	<0.05	U											<0.062	U		<0.066	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane		
				0.21			69			57000						0.11					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011	<0.0086	U		<0.0063	J	U	<0.012	U		<0.0036	U		0.0015	J		<0.011	U	
		VMP-23-10-042111	4/21/2011	<0.087	U		<0.064	U		<0.12	U		<0.14	U		<0.067	U		<0.11	U	
		VMP-23-10-072711	7/27/2011	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.01	U	
		VMP-23-10-110211	11/2/2011	<0.0058	U		<0.0042	U		<0.0078	U		<0.0096	U		<0.0045	U		<0.0076	U	
		VMP-23-10-012512	1/25/2012	<0.0049	U		<0.0036	U		<0.0066	U		<0.0082	U		0.0067			<0.0064	U	
		VMP-23-10-040912	4/9/2012	<0.0061	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U	
		VMP-23-10-040912-Dup	4/9/2012	0.0021	J		<0.0045	U		<0.0083	U		<0.01	U		0.0034	J		0.014	J	
		VMP-23-10-070912	7/9/2012	<0.0049	U		<0.0036	J	U	<0.0066	U		<0.0082	U		0.0012	J		0.0036	J	
		VMP-23-10-100312	10/3/2012	<0.0098	U		<0.0072	J	U	<0.013	U		<0.016	U		<0.0076	U		0.0082	J	
		VMP-23-10-012413	1/24/2013	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0016	J		<0.026	U	
		VMP-23-10-042213	4/22/2013	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0029	J		<0.027	U	
	25 ft	VMP-23-25-021511	2/15/2011	<0.0079	U		<0.0058	U		<0.011	U		<0.0033	U		<0.0062	U		<0.01	U	
		VMP-23-25-042111	4/21/2011	<0.081	U		<0.059	U		<0.11	U		<0.14	U		<0.063	U		<0.11	U	
		VMP-23-25-072711	7/27/2011	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.012	U	
		VMP-23-25-110511	11/5/2011	<0.0058	U		<0.0042	J	U	<0.0078	U		<0.0096	U		<0.0045	U		<0.0076	U	
		VMP-23-25-012512	1/25/2012	<0.0052	U		<0.0038	U		<0.007	U		<0.0086	U		0.0027	J		<0.0068	U	
		VMP-23-25-040912	4/9/2012	<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		0.0034	J		0.017	J	
		VMP-23-25-071012	7/10/2012	<0.0077	U		<0.0056	J	U	<0.01	U		<0.013	U		0.0055	J		0.015	J	
		VMP-23-25-100312	10/3/2012	<0.0095	U		<0.007	J	U	<0.013	U		<0.016	U		0.0046	J		<0.031	U	
		VMP-23-25-012413	1/24/2013	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.017			<0.026	U	
		VMP-23-25-042213	4/22/2013	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.004	J		<0.028	U	
	40 ft	VMP-23-40-071012	7/10/2012	<0.0065	U		<0.0047	J	U	<0.0088	U		<0.011	U		<0.005	U		<0.021	U	
		VMP-23-40-100312	10/3/2012	<0.0088	U		<0.0065	J	U	<0.012	U		<0.015	U		<0.0069	U		<0.029	U	
		VMP-23-40-012413	1/24/2013	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0069			<0.027	U	
		VMP-23-40-042213	4/22/2013	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0053	J		<0.029	U	
		VMP-23-40-042213-Dup	4/22/2013	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0056	J		<0.029	U	
	5 ft	VMP-24-5-021611	2/16/2011	<0.0089	U		<0.0065	U		<0.012	U		<0.0037	U		<0.0069	U		<0.012	U	
		VMP-24-5-040811	4/8/2011	<0.095	U		<0.069	U		<0.13	U		<0.16	U		<0.073	U		<0.12	U	
		VMP-24-5-072811	7/28/2011	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		0.0049	J	
		VMP-24-5-110211	11/2/2011	<0.0059	U		<0.0043	U		<0.008	U		<0.0099	U		<0.0046	U		<0.0077	U	
		VMP-24-5-110211-DUP	11/2/2011	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.011	U	
		VMP-24-5-012512	1/25/2012	<0.0051	U		<0.0037	U		<0.0068	U		<0.0085	U		<0.0039	U		<0.0066	U	
		VMP-24-5-040912	4/9/2012	<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		<0.0047	U		0.011	J	
		VMP-24-5-071212	7/12/2012	<0.0058	U		<0.0042	U		<0.0078	U		<0.0096	U		<0.0045	U		0.0016	J	
		VMP-24-5-101912	10/19/2012	<0.0089	U		<0.0065	J	U	<0.012	U		<0.015	U		<0.0069	U		<0.029	U	
		VMP-24-5-012313	1/23/2013	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U	
		VMP-24-5-050113	5/1/2013	<0.0096	U		<0.007	J	U	<0.013	U		<0.016	U		<0.0074	U		<0.031	U	
	10 ft	VMP-24-10-021711	2/17/2011	<0.0085	U		<0.0062	U		<0.011	U		<0.0035	U		<0.0066	U		<0.011	U	
		VMP-24-10-041111	4/11/2011	<0.016	U		<0.012	U		<0.021	U		<0.026	U		<0.012	U		<0.021	U	
		VMP-24-10-072811	7/28/2011	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.011	U	
		VMP-24-10-110211	11/2/2011	<0.0052	U		<0.0038	U		<0.007	U		<0.0086	U		<0.004	U		0.0016	J	
		VMP-24-10-012512	1/25/2012	<0.0049	U		<0.0036	U		<0.0066	U		<0.0082	U		<0.0038	U		<0.0064	U	
		VMP-24-10-041012	4/10/2012	<0.0058	U		<0.0042	U		<0.0078	U		<0.0096	U		<0.0045	U		<0.019	U	
		VMP-24-10-071212	7/12/2012	<0.0067	U		<0.0049	U		<0.009	U		<0.011	U		<0.0052	U		0.0097	J	
		VMP-24-10-100912	10/9/2012	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U	
		VMP-24-10-012313	1/23/2013	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	
		VMP-24-10-042513	4/25/2013	<0.033	U		<0.024	U		<0.045	U		<0.056	U		<0.026	U		<0.11	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	alpha-Chlorotoluene			Cyclobutane, ethyl-			Cyclohexane			Cyclopentane, methyl-			1,2-Dibromoethane			1,2-Dichlorobenzene		
																0.011			290		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011	0.0012	J					0.0044	J					<0.01	U		0.0024	J	
		VMP-23-10-042111	4/21/2011	<0.071	U					0.94						<0.11	U		<0.083	U	
		VMP-23-10-072711	7/27/2011	<0.0065	U					<0.0043	U					<0.0097	U		<0.0076	U	
		VMP-23-10-110211	11/2/2011	<0.0047	U					<0.0031	U					<0.007	U		<0.0055	U	
		VMP-23-10-012512	1/25/2012	<0.004	U					0.2						<0.006	U		<0.0046	U	
		VMP-23-10-040912	4/9/2012	<0.005	U					<0.0034	U					<0.0075	U		<0.0059	U	
		VMP-23-10-040912-Dup	4/9/2012	<0.0051	U					0.0017	J					<0.0075	U		<0.0059	U	
		VMP-23-10-070912	7/9/2012	<0.004	U	UJ				0.00069	J					<0.006	U		<0.0046	U	
		VMP-23-10-100312	10/3/2012	<0.008	U					0.0063						<0.012	U		<0.0093	U	
		VMP-23-10-012413	1/24/2013	<0.0064	U					<0.0042	U					<0.0095	U		<0.0074	U	
		VMP-23-10-042213	4/22/2013	<0.0068	U					<0.0046	U					<0.01	U		<0.008	U	
	25 ft	VMP-23-25-021511	2/15/2011	<0.0065	U					0.0032	J					<0.0097	U		<0.0076	U	
		VMP-23-25-042111	4/21/2011	<0.067	U					1.2						<0.099	U		<0.078	U	
		VMP-23-25-072711	7/27/2011	<0.0075	U					0.0026	J					0.0026	J		0.003	J	
		VMP-23-25-110511	11/5/2011	<0.0047	U					<0.0031	U					<0.007	U		<0.0055	U	
		VMP-23-25-012512	1/25/2012	<0.0042	U					0.15						<0.0063	U		<0.0049	U	
		VMP-23-25-040912	4/9/2012	<0.0049	U					0.007						<0.0073	U		<0.0057	U	
		VMP-23-25-071012	7/10/2012	<0.0063	U	UJ				0.0018	J					<0.0094	U		<0.0073	U	
		VMP-23-25-100312	10/3/2012	<0.0078	U					0.0064						<0.012	U		<0.0091	U	
		VMP-23-25-012413	1/24/2013	<0.0065	U					<0.0043	U					<0.0097	U		<0.0076	U	
		VMP-23-25-042213	4/22/2013	<0.0071	U					0.0033	J					<0.011	U		<0.0083	U	
	40 ft	VMP-23-40-071012	7/10/2012	<0.0053	U	UJ				0.0025	J					<0.0079	U		<0.0062	U	
		VMP-23-40-100312	10/3/2012	<0.0073	U					0.0068						<0.011	U		<0.0084	U	
		VMP-23-40-012413	1/24/2013	<0.0067	U					<0.0044	U					<0.0099	U		<0.0078	U	
		VMP-23-40-042213	4/22/2013	<0.0073	U					0.0076						<0.011	U		<0.0085	U	
		VMP-23-40-042213-Dup	4/22/2013	<0.0073	U					0.007						<0.011	U		<0.0085	U	
	5 ft	VMP-24-5-021611	2/16/2011	<0.0073	U					0.0032	J					<0.011	U		<0.0085	J	U
		VMP-24-5-040811	4/8/2011	<0.078	U					0.71						<0.12	U		<0.09	U	
		VMP-24-5-072811	7/28/2011	<0.0073	U					0.004	J					0.0024	J		0.0021	J	
		VMP-24-5-110211	11/2/2011	<0.0048	U					<0.0032	U					<0.0072	U		<0.0056	U	
		VMP-24-5-110211-DUP	11/2/2011	<0.0067	U					<0.0045	U					<0.01	U		<0.0078	U	
		VMP-24-5-012512	1/25/2012	<0.0042	U					<0.0028	U					<0.0062	U		<0.0048	U	
		VMP-24-5-040912	4/9/2012	<0.0049	U					0.0016	J					<0.0073	U		<0.0057	U	
		VMP-24-5-071212	7/12/2012	<0.0047	U	UJ				0.0019	J					<0.007	U		<0.0055	U	
		VMP-24-5-101912	10/19/2012	<0.0073	U					0.0015	J					<0.011	U		<0.0085	U	
		VMP-24-5-012313	1/23/2013	<0.0065	U					<0.0043	U					<0.0097	U		<0.0076	U	
		VMP-24-5-050113	5/1/2013	<0.0079	U					<0.0052	U					<0.012	U		<0.0091	U	
	10 ft	VMP-24-10-021711	2/17/2011	<0.007	U					0.11						<0.01	U		<0.0081	U	
		VMP-24-10-041111	4/11/2011	<0.013	U					0.15						<0.019	U		<0.015	U	
		VMP-24-10-072811	7/28/2011	<0.0071	U					0.0016	J					0.0015	J		0.0014	J	
		VMP-24-10-110211	11/2/2011	<0.0042	U					<0.0028	U					<0.0063	U		<0.0049	U	
		VMP-24-10-012512	1/25/2012	<0.004	U					<0.0027	U					<0.006	U		<0.0046	U	
		VMP-24-10-041012	4/10/2012	<0.0047	U					0.0022	J					<0.007	U		<0.0055	U	
		VMP-24-10-071212	7/12/2012	<0.0055	U	UJ				<0.0036	U					<0.0081	U		<0.0064	U	
		VMP-24-10-100912	10/9/2012	<0.0068	U					<0.0045	U					<0.01	U		<0.0079	U	
		VMP-24-10-012313	1/23/2013	<0.0071	U					<0.0048	U					<0.011	U		<0.0083	U	
		VMP-24-10-042513	4/25/2013	<0.027	U					<0.018	U					<0.041	U		<0.032	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
							1200						690			0.099			240		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011	<0.0082	J	U	<0.0082	J	U	<0.0068	U		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-23-10-042111	4/21/2011	<0.083	U		<0.083	U		<0.068	U		<0.056	U		<0.056	U		<0.055	U	
		VMP-23-10-072711	7/27/2011	<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-23-10-110211	11/2/2011	<0.0055	U		<0.0055	U		0.0019	J		<0.0037	U		<0.0037	U		<0.0036	U	
		VMP-23-10-012512	1/25/2012	<0.0046	U		<0.0046	U		0.0023	J		<0.0031	U		<0.0031	U		<0.0031	U	
		VMP-23-10-040912	4/9/2012	<0.0059	U		<0.0059	U		0.0035	J		<0.0039	U		<0.0039	U		<0.0039	U	
		VMP-23-10-040912-Dup	4/9/2012	<0.0059	U		<0.0059	U		0.0034	J		<0.004	U		0.0028	J		0.002	J	
		VMP-23-10-070912	7/9/2012	<0.0046	U		<0.0046	U		0.0022	J		<0.0031	U		<0.0031	U		<0.0031	U	
		VMP-23-10-100312	10/3/2012	<0.0093	U		<0.0093	J	U	0.0026	J		<0.0063	U		<0.0063	U		<0.0062	U	
		VMP-23-10-012413	1/24/2013	<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-23-10-042213	4/22/2013	<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U		<0.0052	U	
	25 ft	VMP-23-25-021511	2/15/2011	<0.0076	U		0.0012	J		<0.0062	U		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-23-25-042111	4/21/2011	<0.078	U		<0.078	U		<0.064	U		<0.052	U		<0.052	U		<0.051	U	
		VMP-23-25-072711	7/27/2011	0.0035	J		0.0043	J		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-23-25-110511	11/5/2011	<0.0055	U		<0.0055	U		0.0015	J		<0.0037	U		<0.0037	U		<0.0036	U	
		VMP-23-25-012512	1/25/2012	<0.0049	U		<0.0049	U		0.002	J		<0.0033	U		<0.0033	U		<0.0032	U	
		VMP-23-25-040912	4/9/2012	<0.0057	U		<0.0057	U		0.0032	J		<0.0039	U		<0.0039	U		<0.0038	U	
		VMP-23-25-071012	7/10/2012	<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-23-25-100312	10/3/2012	<0.0091	U		<0.0091	J	U	0.0021	J		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-23-25-012413	1/24/2013	<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-23-25-042213	4/22/2013	<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U		<0.0055	U	
	40 ft	VMP-23-40-071012	7/10/2012	<0.0062	U		<0.0062	U		0.0015	J		<0.0042	U		<0.0042	U		<0.0041	U	
		VMP-23-40-100312	10/3/2012	<0.0084	U		<0.0084	J	U	0.0025	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-23-40-012413	1/24/2013	<0.0078	U		<0.0078	U		0.0026	J		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-23-40-042213	4/22/2013	<0.0085	U		<0.0085	U		0.002	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-23-40-042213-Dup	4/22/2013	<0.0085	U		<0.0085	U		0.0023	J		<0.0057	U		<0.0057	U		<0.0056	U	
	5 ft	VMP-24-5-021611	2/16/2011	<0.0085	J	U	<0.0085	J	U	0.0017	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-24-5-040811	4/8/2011	<0.09	U		<0.09	U		<0.074	U		<0.061	U		<0.061	U		<0.06	U	
		VMP-24-5-072811	7/28/2011	0.0027	J		0.0036	J		0.002	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-24-5-110211	11/2/2011	<0.0056	U		<0.0056	U		0.0024	J		<0.0038	U		<0.0038	U		<0.0037	U	
		VMP-24-5-110211-DUP	11/2/2011	<0.0078	U		<0.0078	J	U	0.0023	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-24-5-012512	1/25/2012	<0.0048	U		<0.0048	U		0.0026	J		<0.0032	U		<0.0032	U		<0.0032	U	
		VMP-24-5-040912	4/9/2012	<0.0057	U		<0.0057	U		0.0032	J		<0.0039	U		<0.0039	U		<0.0038	U	
		VMP-24-5-071212	7/12/2012	<0.0055	U		<0.0055	U		0.0021	J		<0.0037	U		<0.0037	U		<0.0036	U	
		VMP-24-5-101912	10/19/2012	<0.0085	U		<0.0085	J	U	0.0025	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-24-5-012313	1/23/2013	<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-24-5-050113	5/1/2013	<0.0091	U		<0.0091	U		0.0023	J		<0.0062	U		<0.0062	U		<0.006	U	
	10 ft	VMP-24-10-021711	2/17/2011	<0.0081	U		<0.0081	U		0.0025	J		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-24-10-041111	4/11/2011	<0.015	U		<0.015	U		0.0013	J		<0.01	U		<0.01	U		<0.01	U	
		VMP-24-10-072811	7/28/2011	<0.0083	U		0.0023	J		0.0019	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-24-10-110211	11/2/2011	<0.0049	U		<0.0049	U		0.0022	J		<0.0033	U		<0.0033	U		<0.0032	U	
		VMP-24-10-012512	1/25/2012	<0.0046	U		<0.0046	U		0.0024	J		<0.0031	U		<0.0031	U		<0.0031	U	
		VMP-24-10-041012	4/10/2012	<0.0055	U		<0.0055	U		0.0036	J		<0.0037	U		<0.0037	U		<0.0036	U	
		VMP-24-10-071212	7/12/2012	<0.0064	U		<0.0064	U		0.0023	J		<0.0043	U		<0.0043	U		<0.0042	U	
		VMP-24-10-100912	10/9/2012	<0.0079	U		<0.0079	J	U	0.0026	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-24-10-012313	1/23/2013	<0.0083	U		<0.0083	U		0.0025	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-24-10-042513	4/25/2013	<0.032	U		<0.032	U		<0.026	U		<0.021	U		<0.021	U		<0.021	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene		
				1100000			85			5.6			0.062			0.9			0.9		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011	<0.0054	U		<0.0054	U		<0.0047	U		<0.0063	U		<0.0062	U		<0.0062	U	
		VMP-23-10-042111	4/21/2011	<0.055	U		<0.055	U		<0.048	U		<0.064	U		<0.063	U		<0.063	U	
		VMP-23-10-072711	7/27/2011	<0.005	U		<0.005	U		<0.0044	U		<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-23-10-110211	11/2/2011	<0.0036	U		<0.0036	U		<0.0032	U		<0.0042	U		<0.0042	U		<0.0042	U	
		VMP-23-10-012512	1/25/2012	<0.0031	U		<0.0031	U		0.0037			<0.0036	U		<0.0035	U		<0.0035	U	
		VMP-23-10-040912	4/9/2012	<0.0039	U		<0.0039	U		0.013	J		<0.0045	U		<0.0044	U		<0.0044	U	
		VMP-23-10-040912-Dup	4/9/2012	<0.0039	U		<0.0039	U		0.027	J		<0.0045	U		<0.0044	U		<0.0044	U	
		VMP-23-10-070912	7/9/2012	<0.0031	U		<0.0031	U		0.0071	J		<0.0036	U		<0.0035	U		<0.0035	U	
		VMP-23-10-100312	10/3/2012	<0.0062	U		<0.0062	U		0.0038	J		<0.0072	U		<0.007	U		<0.007	U	
		VMP-23-10-012413	1/24/2013	<0.0049	U		<0.0049	U		<0.043	J	U	<0.0057	U		<0.0056	U		<0.0056	U	
		VMP-23-10-042213	4/22/2013	<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U	
	25 ft	VMP-23-25-021511	2/15/2011	<0.005	U		<0.005	U		<0.0044	U		<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-23-25-042111	4/21/2011	<0.051	U		<0.051	U		<0.045	U		<0.06	U		<0.058	U		<0.058	U	
		VMP-23-25-072711	7/27/2011	<0.0057	U		<0.0057	U		<0.005	U		<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-23-25-110511	11/5/2011	<0.0036	U		<0.0036	U		0.0052			<0.0042	U		<0.0042	U		<0.0042	U	
		VMP-23-25-012512	1/25/2012	<0.0032	U		<0.0032	U		0.0015	J		<0.0038	U		<0.0037	U		<0.0037	U	
		VMP-23-25-040912	4/9/2012	<0.0038	U		<0.0038	U		0.018	J		<0.0044	U		<0.0043	U		<0.0043	U	
		VMP-23-25-071012	7/10/2012	<0.0048	U		<0.0048	U		0.0017	J		<0.0056	U		<0.0055	U		<0.0055	U	
		VMP-23-25-100312	10/3/2012	<0.006	U		<0.006	U		0.0039	J		<0.007	U		<0.0069	U		<0.0069	U	
		VMP-23-25-012413	1/24/2013	<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-23-25-042213	4/22/2013	<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U	
	40 ft	VMP-23-40-071012	7/10/2012	<0.0041	U		<0.0041	U		0.0014	J		<0.0048	U		<0.0047	U		<0.0047	U	
		VMP-23-40-100312	10/3/2012	<0.0056	U		<0.0056	U		0.0035	J		<0.0065	U		<0.0064	U		<0.0064	U	
		VMP-23-40-012413	1/24/2013	<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U	
		VMP-23-40-042213	4/22/2013	<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U	
		VMP-23-40-042213-Dup	4/22/2013	<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U	
	5 ft	VMP-24-5-021611	2/16/2011	<0.0056	U		<0.0056	U		0.0018	J		<0.0065	U		<0.0064	U		<0.0064	U	
		VMP-24-5-040811	4/8/2011	<0.06	U		<0.06	U		0.011	J		<0.07	U		<0.068	U		<0.068	U	
		VMP-24-5-072811	7/28/2011	<0.0056	U		<0.0056	U		<0.0049	U		<0.0065	U		<0.0064	U		<0.0064	U	
		VMP-24-5-110211	11/2/2011	<0.0037	U		<0.0037	U		<0.0032	J	U	<0.0043	U		<0.0042	U		<0.0042	U	
		VMP-24-5-110211-DUP	11/2/2011	<0.0052	U		<0.0052	U		0.0034	J		<0.006	U		<0.0059	U		<0.0059	U	
		VMP-24-5-012512	1/25/2012	<0.0032	U		<0.0032	U		0.0011	J		<0.0037	U		<0.0036	U		<0.0036	U	
		VMP-24-5-040912	4/9/2012	<0.0038	U		<0.0038	U		<0.033	U		<0.0044	U		<0.0043	U		<0.0043	U	
		VMP-24-5-071212	7/12/2012	<0.0036	U		<0.0036	U		0.0018	J		<0.0042	U		<0.0042	U		<0.0042	U	
		VMP-24-5-101912	10/19/2012	<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U	
		VMP-24-5-012313	1/23/2013	<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-24-5-050113	5/1/2013	<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U	
	10 ft	VMP-24-10-021711	2/17/2011	<0.0053	U		<0.0053	U		<0.0047	U		<0.0062	U		<0.0061	U		<0.0061	U	
		VMP-24-10-041111	4/11/2011	<0.01	U		<0.01	U		0.0022	J		<0.012	U		<0.011	U		<0.011	U	
		VMP-24-10-072811	7/28/2011	<0.0055	U		<0.0055	U		0.0062			<0.0064	U		<0.0063	U		0.002	J	
		VMP-24-10-110211	11/2/2011	<0.0032	U		<0.0032	U		<0.0028	J	U	<0.0038	U		<0.0037	U		<0.0037	U	
		VMP-24-10-012512	1/25/2012	<0.0031	U		<0.0031	U		0.006			<0.0036	U		<0.0035	U		<0.0035	U	
		VMP-24-10-041012	4/10/2012	<0.0036	U		<0.0036	U		<0.032	U		<0.0042	U		<0.0042	U		<0.0042	U	
		VMP-24-10-071212	7/12/2012	<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-24-10-100912	10/9/2012	<0.0052	U		<0.0052	U		0.0028	J		<0.0061	U		<0.006	U		<0.006	U	
		VMP-24-10-012313	1/23/2013	<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-24-10-042513	4/25/2013	<0.021	U		<0.021	U		<0.18	U		<0.024	U		<0.024	U		<0.024	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 113		
				0.22						1400											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011	0.0028	J		<0.01	U		0.0058	J		0.0024	J		<0.01	U		<0.01	U	
		VMP-23-10-042111	4/21/2011	<0.2	U		<0.1	U		0.16			0.022	J		<0.1	U		<0.1	U	
		VMP-23-10-072711	7/27/2011	<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0096	U	
		VMP-23-10-110211	11/2/2011	<0.013	U		0.03			0.0013	J		<0.0045	J	U	<0.007	U		<0.007	U	
		VMP-23-10-012512	1/25/2012	<0.011	U		0.016			0.0038			<0.0038	U		<0.0059	U		<0.0059	U	
		VMP-23-10-040912	4/9/2012	<0.014	U		0.018			0.0019	J		0.0012	J		<0.0075	U		<0.0075	U	
		VMP-23-10-040912-Dup	4/9/2012	<0.014	U		0.013			0.002	J		0.001	J		0.0042	J		0.0042	J	
		VMP-23-10-070912	7/9/2012	<0.011	U		0.0068			<0.0034	U		<0.0038	J	U	<0.0059	U		<0.0059	U	
		VMP-23-10-100312	10/3/2012	<0.022	U		<0.012	U		<0.0068	U		<0.0076	U		<0.012	U		<0.012	U	
		VMP-23-10-012413	1/24/2013	<0.018	U		0.0029	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0095	U	
		VMP-23-10-042213	4/22/2013	<0.019	U		<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.01	U	
	25 ft	VMP-23-25-021511	2/15/2011	<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0096	U	
		VMP-23-25-042111	4/21/2011	<0.18	U		<0.097	U		<0.056	U		<0.063	U		<0.099	U		<0.099	U	
		VMP-23-25-072711	7/27/2011	0.0057	J		0.036			0.0027	J		0.003	J		<0.011	U		<0.011	U	
		VMP-23-25-110511	11/5/2011	<0.013	U		0.016			0.00075	J		0.00094	J		<0.007	U		<0.007	U	
		VMP-23-25-012512	1/25/2012	<0.012	U		0.01			0.0032	J		<0.004	U		<0.0063	U		<0.0063	U	
		VMP-23-25-040912	4/9/2012	<0.014	U		0.18			0.0081			0.0016	J		0.002	J		0.002	J	
		VMP-23-25-071012	7/10/2012	<0.018	U		<0.0092	U		<0.0053	U		<0.006	J	U	<0.0094	U		<0.0094	U	
		VMP-23-25-100312	10/3/2012	<0.022	U		0.006	J		<0.0066	U		<0.0074	U		<0.012	U		<0.012	U	
		VMP-23-25-012413	1/24/2013	<0.018	U		0.0033	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0096	U	
		VMP-23-25-042213	4/22/2013	<0.02	U		<0.01	U		0.0073			0.0071		J	<0.01	U		<0.01	U	
	40 ft	VMP-23-40-071012	7/10/2012	<0.015	U		<0.0078	U		<0.0045	U		<0.0051	J	U	<0.0079	U		<0.0079	U	
		VMP-23-40-100312	10/3/2012	<0.02	U		0.011			<0.0061	U		<0.0069	U		<0.011	U		<0.011	U	
		VMP-23-40-012413	1/24/2013	<0.018	U		0.0013	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.0099	U	
		VMP-23-40-042213	4/22/2013	<0.02	U		<0.011	U		0.016			0.0061	J	J	<0.011	U		<0.011	U	
		VMP-23-40-042213-Dup	4/22/2013	<0.02	U		<0.011	U		0.0099			0.0039	J	J	<0.011	U		<0.011	U	
	5 ft	VMP-24-5-021611	2/16/2011	<0.02	U		0.0093	J	J	<0.0061	U		<0.0069	U		<0.011	U		<0.011	U	
		VMP-24-5-040811	4/8/2011	<0.22	U		<0.11	U		<0.065	U		<0.074	U		<0.12	U		<0.12	U	
		VMP-24-5-072811	7/28/2011	<0.02	U		0.04			0.0035	J		0.0043	J		<0.011	U		<0.011	U	
		VMP-24-5-110211	11/2/2011	<0.013	U		0.016			0.0013	J		<0.0046	J	U	<0.0072	U		<0.0072	U	
		VMP-24-5-110211-DUP	11/2/2011	<0.019	U		0.017			0.0015	J		0.0068			<0.01	U		<0.01	U	
		VMP-24-5-012512	1/25/2012	<0.012	U		0.007			0.0023	J		<0.004	U		<0.0062	U		<0.0062	U	
		VMP-24-5-040912	4/9/2012	<0.014	U		0.087			0.0059			0.0037	J		<0.0073	U		<0.0073	U	
		VMP-24-5-071212	7/12/2012	<0.013	U		<0.0069	U		0.0022	J		0.0042	J		<0.007	U		<0.007	U	
		VMP-24-5-101912	10/19/2012	<0.02	U		0.01	J		0.0012	J		<0.007	U		<0.011	U		<0.011	U	
		VMP-24-5-012313	1/23/2013	<0.018	U		0.0048	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0096	U	
		VMP-24-5-050113	5/1/2013	<0.022	U		0.0062	J		<0.0066	U		<0.0075	U		<0.012	U		<0.012	U	
	10 ft	VMP-24-10-021711	2/17/2011	<0.019	U		0.024	J	J	0.0028	J		<0.0066	U		<0.01	U		<0.01	U	
		VMP-24-10-041111	4/11/2011	<0.036	U		0.0097	J		<0.011	U		<0.012	U		<0.019	U		<0.019	U	
		VMP-24-10-072811	7/28/2011	<0.02	U		0.059			0.0026	J		0.0032	J		<0.01	U		<0.01	U	
		VMP-24-10-110211	11/2/2011	<0.012	U		0.0081			<0.0036	U		<0.004	J	U	<0.0063	U		<0.0063	U	
		VMP-24-10-012512	1/25/2012	<0.011	U		0.0088			0.0033	J		<0.0038	U		<0.0059	U		<0.0059	U	
		VMP-24-10-041012	4/10/2012	<0.013	U		0.027			0.0012	J		<0.0045	U		<0.007	U		<0.007	U	
		VMP-24-10-071212	7/12/2012	<0.015	U		0.042			0.003	J		<0.0052	J	U	<0.0081	U		<0.0081	U	
		VMP-24-10-100912	10/9/2012	<0.019	U		0.036			<0.0057	U		<0.0065	U		<0.01	U		<0.01	U	
		VMP-24-10-012313	1/23/2013	<0.02	U		0.0076	J		<0.006	U		<0.0068	U		<0.01	U		<0.01	U	
		VMP-24-10-042513	4/25/2013	<0.076	U		<0.04	U		0.34			0.12			<0.041	U		<0.041	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Freon 114			Heptadecane			Heptane			Hexachlorobutadiene			Hexane			Hexane, 2,2,4-trimethyl-		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011	<0.0095	U					0.0088			<0.058	J	U	0.013					
		VMP-23-10-042111	4/21/2011	<0.096	U					1.5			<0.59	U		3.4					
		VMP-23-10-072711	7/27/2011	<0.0088	U					<0.0052	U		<0.054	U		<0.0044	U				
		VMP-23-10-110211	11/2/2011	<0.0064	U					<0.0037	U		<0.039	U		0.0014	J				
		VMP-23-10-012512	1/25/2012	<0.0054	U					0.2			<0.033	U		0.44					
		VMP-23-10-040912	4/9/2012	<0.0068	U					<0.004	U		<0.042	U		0.0056					
		VMP-23-10-040912-Dup	4/9/2012	<0.0068	U					0.0019	J		<0.042	U		0.0079					
		VMP-23-10-070912	7/9/2012	<0.0054	U					<0.0032	U		<0.033	U		<0.0027	U				
		VMP-23-10-100312	10/3/2012	<0.011	U					0.0018	J		<0.066	U		0.0032	J				
		VMP-23-10-012413	1/24/2013	<0.0086	U					<0.0051	U		<0.053	U		0.001	J				
		VMP-23-10-042213	4/22/2013	<0.0093	U					<0.0054	U		<0.056	U		0.0013	J				
	25 ft	VMP-23-25-021511	2/15/2011	<0.0088	U					0.0021	J		<0.054	U		0.0035	J				
		VMP-23-25-042111	4/21/2011	<0.09	U					0.68			<0.55	U		4.2					
		VMP-23-25-072711	7/27/2011	<0.01	U					0.0034	J		0.0054	J		0.0031	J				
		VMP-23-25-110511	11/5/2011	<0.0064	U					0.0015	J		<0.039	U		<0.0032	J	U			
		VMP-23-25-012512	1/25/2012	<0.0057	U					0.16			<0.035	U		0.3					
		VMP-23-25-040912	4/9/2012	<0.0067	U					0.0044			<0.041	U		0.023					
		VMP-23-25-071012	7/10/2012	<0.0085	U					<0.005	U		<0.052	U		0.0019	J				
		VMP-23-25-100312	10/3/2012	<0.01	U					<0.0062	U		<0.065	U		0.0019	J				
		VMP-23-25-012413	1/24/2013	<0.0088	U					<0.0052	U		<0.054	U		<0.0044	U				
		VMP-23-25-042213	4/22/2013	<0.0096	U					0.0049	J		<0.059	U		0.0045	J				
	40 ft	VMP-23-40-071012	7/10/2012	<0.0072	U					<0.0042	U		<0.044	U		0.0023	J				
		VMP-23-40-100312	10/3/2012	<0.0098	U					0.0017	J		<0.06	U		0.0032	J				
		VMP-23-40-012413	1/24/2013	<0.009	U					<0.0053	U		<0.055	U		0.0012	J				
		VMP-23-40-042213	4/22/2013	<0.0098	U					0.024			<0.06	U		0.024					
		VMP-23-40-042213-Dup	4/22/2013	<0.0098	U					0.016			<0.06	U		0.02					
	5 ft	VMP-24-5-021611	2/16/2011	<0.0098	U					0.004	J		<0.06	U		0.0099					
		VMP-24-5-040811	4/8/2011	<0.1	U					0.18			<0.64	U		0.94					
		VMP-24-5-072811	7/28/2011	<0.0098	U					0.0054	J		<0.06	U		0.011					
		VMP-24-5-110211	11/2/2011	<0.0065	U					0.0017	J		<0.04	U		0.0038					
		VMP-24-5-110211-DUP	11/2/2011	<0.0091	U					<0.0053	U		<0.055	U		0.0069					
		VMP-24-5-012512	1/25/2012	<0.0056	U					<0.0033	U		<0.034	U		<0.0028	U				
		VMP-24-5-040912	4/9/2012	<0.0067	U					0.0027	J		<0.041	U		0.017					
		VMP-24-5-071212	7/12/2012	<0.0064	U					0.0022	J		<0.039	U		0.0028	J				
		VMP-24-5-101912	10/19/2012	<0.0099	U					<0.0058	U		<0.06	U		0.0033	J				
		VMP-24-5-012313	1/23/2013	<0.0088	U					<0.0052	U		<0.054	U		<0.0044	U				
		VMP-24-5-050113	5/1/2013	<0.011	U					<0.0062	U		<0.065	U		<0.0054	U				
	10 ft	VMP-24-10-021711	2/17/2011	<0.0094	U					<0.0055	U		<0.057	U		0.18					
		VMP-24-10-041111	4/11/2011	<0.018	U					0.055			<0.11	U		0.19					
		VMP-24-10-072811	7/28/2011	<0.0096	U					0.0039	J		<0.059	U		0.0031	J				
		VMP-24-10-110211	11/2/2011	<0.0057	U					<0.0034	U		<0.035	U		<0.0029	U				
		VMP-24-10-012512	1/25/2012	<0.0054	U					0.00083	J		<0.033	U		<0.0027	U				
		VMP-24-10-041012	4/10/2012	<0.0064	U					0.0023	J		<0.039	U		0.002	J				
		VMP-24-10-071212	7/12/2012	<0.0074	U					<0.0043	U		<0.045	U		<0.0037	U				
		VMP-24-10-100912	10/9/2012	<0.0092	U					<0.0054	U		<0.056	U		0.00099	J				
		VMP-24-10-012313	1/23/2013	<0.0096	U					<0.0056	U		<0.059	U		<0.0049	U				
		VMP-24-10-042513	4/25/2013	<0.037	U					<0.022	U		<0.23	U		<0.019	U				

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Hexane, 3,4-dimethyl-			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
													600						3400		
				Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011				<0.022	U					<0.0067	U		<0.0056	U		<0.0049	U	
		VMP-23-10-042111	4/21/2011				<0.56	U		3.5			<0.068	U		<0.56	U		<0.05	U	
		VMP-23-10-072711	7/27/2011				<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U	
		VMP-23-10-110211	11/2/2011				0.0016	J		<0.011	U		0.0074			0.064			<0.0033	U	
		VMP-23-10-012512	1/25/2012				<0.013	U		0.17			0.0024	J		0.01			<0.0028	U	
		VMP-23-10-040912	4/9/2012				<0.016	U		0.0023	J	J	0.015			0.024			<0.0035	U	
		VMP-23-10-040912-Dup	4/9/2012				<0.016	U		0.045		J	0.015			0.024			<0.0035	U	
		VMP-23-10-070912	7/9/2012				<0.013	U		0.0043	J		<0.0038	J	U	<0.0032	U		<0.0028	U	
		VMP-23-10-100312	10/3/2012				<0.025	U		0.0082	J		<0.0076	U		<0.0064	U		<0.0056	U	
		VMP-23-10-012413	1/24/2013				<0.02	U		0.002	J		<0.0061	U		<0.005	U		<0.0044	U	
		VMP-23-10-042213	4/22/2013				<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U	
	25 ft	VMP-23-25-021511	2/15/2011				<0.021	U					<0.0062	U		<0.0052	U		<0.0045	U	
		VMP-23-25-042111	4/21/2011				<0.53	U		15			<0.063	U		<0.53	U		<0.046	U	
		VMP-23-25-072711	7/27/2011				<0.024	U		<0.017	U		0.024			0.12			<0.0052	U	
		VMP-23-25-110511	11/5/2011				0.0008	J		0.0052	J		0.0024	J		0.018			<0.0033	U	
		VMP-23-25-012512	1/25/2012				<0.013	U		0.06			0.0017	J		0.048			<0.003	U	
		VMP-23-25-040912	4/9/2012				<0.016	U		5.2	E	J	0.024			0.073			<0.0034	U	
		VMP-23-25-071012	7/10/2012				<0.02	U		0.0078	J		<0.006	J	U	<0.005	J	U	<0.0044	U	
		VMP-23-25-100312	10/3/2012				<0.025	U		0.0074	J		<0.0074	U		<0.0062	U		<0.0055	U	
		VMP-23-25-012413	1/24/2013				<0.021	U		0.0076	J		<0.0062	U		<0.0052	U		<0.0045	U	
		VMP-23-25-042213	4/22/2013				<0.023	U		0.0059	J		<0.0068	J	U	<0.0056	U		<0.005	U	
	40 ft	VMP-23-40-071012	7/10/2012				<0.017	J	U	0.023			<0.0051	J	U	<0.0042	J	U	<0.0037	U	
		VMP-23-40-100312	10/3/2012				<0.023	U		0.0055	J		<0.0069	U		<0.0058	U		<0.0051	U	
		VMP-23-40-012413	1/24/2013				<0.021	U		0.01	J		<0.0063	U		<0.0053	U		<0.0046	U	
		VMP-23-40-042213	4/22/2013				<0.023	U		0.041			<0.0069	U		<0.0058	U		<0.0051	U	
		VMP-23-40-042213-Dup	4/22/2013				<0.023	U		0.044			<0.0069	U		<0.0058	U		<0.0051	U	
	5 ft	VMP-24-5-021611	2/16/2011				<0.023	U					<0.0069	J	U	<0.0058	U		<0.0051	U	
		VMP-24-5-040811	4/8/2011				<0.25	U		11			<0.074	U		<0.062	U		<0.054	U	
		VMP-24-5-072811	7/28/2011				0.0051	J		0.063			0.029			0.071			<0.0051	U	
		VMP-24-5-110211	11/2/2011				0.00092	J		0.0077	J		0.0058			0.024		J	<0.0034	U	
		VMP-24-5-110211-DUP	11/2/2011				<0.021	U		0.015	J		0.0061	J		0.012		J	<0.0047	U	
		VMP-24-5-012512	1/25/2012				<0.013	U		0.0037	J		0.0044			0.018			<0.0029	U	
		VMP-24-5-040912	4/9/2012				<0.016	U		0.012			0.032			0.054			<0.0034	U	
		VMP-24-5-071212	7/12/2012				<0.015	U		0.0092	J		0.019			0.074			<0.0033	U	
		VMP-24-5-101912	10/19/2012				<0.023	U		0.015	J		<0.007	U		<0.0058	U		<0.0051	U	
		VMP-24-5-012313	1/23/2013				<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U	
		VMP-24-5-050113	5/1/2013				<0.025	U		<0.018	U		<0.0075	U		<0.0062	U		<0.0055	U	
	10 ft	VMP-24-10-021711	2/17/2011				<0.022	U					<0.0066	J	U	<0.0055	U		<0.0048	U	
		VMP-24-10-041111	4/11/2011				<0.041	U		1			<0.012	U		<0.01	U		0.00079	J	
		VMP-24-10-072811	7/28/2011				0.0047	J		0.046			0.033			0.1			<0.005	U	
		VMP-24-10-110211	11/2/2011				0.0013	J		<0.0097	U		<0.0044		U	0.028			<0.003	U	
		VMP-24-10-012512	1/25/2012				<0.013	U		0.0015	J		0.0037	J		0.013			<0.0028	U	
		VMP-24-10-041012	4/10/2012				<0.015	U		0.071			<0.0045	U		<0.0037	U		<0.0033	U	
		VMP-24-10-071212	7/12/2012				<0.017	J	U	0.0051	J		0.038			0.16			<0.0038	U	
		VMP-24-10-100912	10/9/2012				<0.022	U		0.0071	J		<0.0065	U		<0.0054	U		<0.0048	U	
		VMP-24-10-012313	1/23/2013				<0.023	U		0.0034	J		<0.0068	U		<0.0056	U		<0.005	U	
		VMP-24-10-042513	4/25/2013				<0.087	U		0.069			0.22			<0.022	U		<0.019	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Pentane, 2,2,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,4-dimethyl-			Pentane, 2-methyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011																		
		VMP-23-10-042111	4/21/2011																		
		VMP-23-10-072711	7/27/2011																		
		VMP-23-10-110211	11/2/2011																		
		VMP-23-10-012512	1/25/2012																		
		VMP-23-10-040912	4/9/2012																		
		VMP-23-10-040912-Dup	4/9/2012																		
		VMP-23-10-070912	7/9/2012																		
		VMP-23-10-100312	10/3/2012																		
		VMP-23-10-012413	1/24/2013																		
		VMP-23-10-042213	4/22/2013																		
	25 ft	VMP-23-25-021511	2/15/2011																		
		VMP-23-25-042111	4/21/2011																		
		VMP-23-25-072711	7/27/2011																		
		VMP-23-25-110511	11/5/2011																		
		VMP-23-25-012512	1/25/2012																		
		VMP-23-25-040912	4/9/2012																		
		VMP-23-25-071012	7/10/2012																		
		VMP-23-25-100312	10/3/2012																		
		VMP-23-25-012413	1/24/2013																		
		VMP-23-25-042213	4/22/2013																		
	40 ft	VMP-23-40-071012	7/10/2012																		
		VMP-23-40-100312	10/3/2012																		
		VMP-23-40-012413	1/24/2013																		
		VMP-23-40-042213	4/22/2013																		
		VMP-23-40-042213-Dup	4/22/2013																		
	5 ft	VMP-24-5-021611	2/16/2011																		
		VMP-24-5-040811	4/8/2011																		
		VMP-24-5-072811	7/28/2011																		
		VMP-24-5-110211	11/2/2011																		
		VMP-24-5-110211-DUP	11/2/2011																		
		VMP-24-5-012512	1/25/2012																		
		VMP-24-5-040912	4/9/2012																		
		VMP-24-5-071212	7/12/2012																		
		VMP-24-5-101912	10/19/2012																		
		VMP-24-5-012313	1/23/2013																		
		VMP-24-5-050113	5/1/2013																		
	10 ft	VMP-24-10-021711	2/17/2011																		
		VMP-24-10-041111	4/11/2011																		
		VMP-24-10-072811	7/28/2011																		
		VMP-24-10-110211	11/2/2011																		
		VMP-24-10-012512	1/25/2012																		
		VMP-24-10-041012	4/10/2012																		
		VMP-24-10-071212	7/12/2012																		
		VMP-24-10-100912	10/9/2012																		
		VMP-24-10-012313	1/23/2013																		
		VMP-24-10-042513	4/25/2013																		

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrachloroethene		
										1400						0.55			0.55		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011	0.0045	J		<0.0067	J	U	<0.0058	U		<0.0094	U		0.0015	J		0.0015	J	
		VMP-23-10-042111	4/21/2011	0.012	J		<0.068	U		<0.59	U		<0.095	U		<0.094	U		<0.094	U	
		VMP-23-10-072711	7/27/2011	<0.012	U		<0.0062	U		<0.0054	U		<0.0086	U		<0.0085	U		<0.0085	U	
		VMP-23-10-110211	11/2/2011	0.02			<0.0045	J	U	<0.0039	U		<0.0063	U		<0.0062	U		<0.0062	U	
		VMP-23-10-012512	1/25/2012	0.0064	J		0.00047	J		<0.0033	U		<0.0053	U		0.0031	J		0.0031	J	
		VMP-23-10-040912	4/9/2012	<0.0096	U		<0.0048	U		<0.0042	U		<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-23-10-040912-Dup	4/9/2012	0.0075	J		<0.0048	U		<0.0042	U		<0.0067	U		0.0056	J		0.0056	J	
		VMP-23-10-070912	7/9/2012	0.0042	J		<0.0038	J	U	<0.0033	J	U	<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-23-10-100312	10/3/2012	0.004	J		<0.0076	U		<0.0066	U		<0.011	U		<0.01	U		<0.01	U	
		VMP-23-10-012413	1/24/2013	0.0047	J		<0.0061	U		<0.0053	U		<0.0085	U		<0.0084	U		<0.0084	U	
		VMP-23-10-042213	4/22/2013	0.0069	J		<0.0065	U		<0.0056	U		<0.0091	U		0.0027	J		0.0027	J	
	25 ft	VMP-23-25-021511	2/15/2011	0.094			<0.0062	U		<0.0054	U		<0.0086	U		<0.0085	U		<0.0085	U	
		VMP-23-25-042111	4/21/2011	<0.13	U		<0.063	U		<0.55	U		<0.088	U		<0.088	U		<0.088	U	
		VMP-23-25-072711	7/27/2011	0.047			<0.0071	U		0.0021	J		<0.0099	U		<0.0098	U		<0.0098	U	
		VMP-23-25-110511	11/5/2011	0.019			<0.0045	U		<0.0039	U		<0.0063	U		<0.0062	J	U	<0.0062	J	U
		VMP-23-25-012512	1/25/2012	0.0082			<0.004	U		<0.0035	U		<0.0056	U		0.0026	J		0.0026	J	
		VMP-23-25-040912	4/9/2012	0.63			0.0011	J		0.013			<0.0066	U		<0.0065	U		<0.0065	U	
		VMP-23-25-071012	7/10/2012	0.002	J		<0.006	J	U	<0.0052	J	U	<0.0084	U		<0.0083	U		<0.0083	U	
		VMP-23-25-100312	10/3/2012	<0.015	U		<0.0074	U		<0.0064	U		<0.01	U		<0.01	U		<0.01	U	
		VMP-23-25-012413	1/24/2013	0.0019	J		<0.0062	U		<0.0054	U		<0.0086	U		<0.0085	J	U	<0.0085	J	U
		VMP-23-25-042213	4/22/2013	0.0014	J		<0.0068	J	U	<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0094	J	U
	40 ft	VMP-23-40-071012	7/10/2012	<0.01	U		<0.0051	J	U	<0.0044	J	U	<0.0071	U		<0.007	U		<0.007	U	
		VMP-23-40-100312	10/3/2012	0.0034	J		<0.0069	U		<0.006	U		<0.0096	U		<0.0095	U		<0.0095	U	
		VMP-23-40-012413	1/24/2013	0.0021	J		<0.0063	U		<0.0055	U		<0.0088	U		<0.0088	U		<0.0088	U	
		VMP-23-40-042213	4/22/2013	<0.014	U		<0.0069	U		<0.006	U		<0.0097	U		<0.0096	J	U	<0.0096	J	U
		VMP-23-40-042213-Dup	4/22/2013	<0.014	U		<0.0069	U		<0.006	U		<0.0097	U		<0.0096	J	U	<0.0096	J	U
	5 ft	VMP-24-5-021611	2/16/2011	0.0033	J		<0.0069	J	U	<0.006	U		<0.0097	U		<0.0096	U		<0.0096	U	
		VMP-24-5-040811	4/8/2011	<0.15	U		<0.074	U		<0.064	U		<0.1	U		<0.1	U		<0.1	U	
		VMP-24-5-072811	7/28/2011	0.019			0.0014	J		0.0018	J		<0.0097	U		<0.0096	U		<0.0096	U	
		VMP-24-5-110211	11/2/2011	0.0072	J		<0.0046	J	U	<0.004	U		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-24-5-110211-DUP	11/2/2011	0.017			<0.0064	J	U	<0.0055	U		<0.0089	U		<0.0088	U		<0.0088	U	
		VMP-24-5-012512	1/25/2012	0.011			<0.004	U		<0.0034	U		<0.0055	U		<0.0055	U		<0.0055	U	
		VMP-24-5-040912	4/9/2012	0.16			0.0022	J		0.0044			<0.0066	U		<0.0065	U		<0.0065	U	
		VMP-24-5-071212	7/12/2012	<0.009	U		0.002	J		<0.0039	J	U	<0.0063	U		<0.0062	U		<0.0062	U	
		VMP-24-5-101912	10/19/2012	0.003	J		<0.007	U		<0.006	U		<0.0097	U		0.004	J		0.004	J	
		VMP-24-5-012313	1/23/2013	0.036			<0.0062	U		<0.0054	U		<0.0086	U		<0.0085	U		<0.0085	U	
		VMP-24-5-050113	5/1/2013	<0.015	U		<0.0075	U		<0.0065	U		<0.01	U		<0.01	U		<0.01	U	
	10 ft	VMP-24-10-021711	2/17/2011	0.0065	J		<0.0066	J	U	<0.0057	U		<0.0092	U		<0.0091	U		<0.0091	U	
		VMP-24-10-041111	4/11/2011	<0.025	U		<0.012	U		<0.011	U		<0.017	U		0.0033	J		0.0033	J	
		VMP-24-10-072811	7/28/2011	0.038			0.0011	J		0.0019	J		<0.0095	U		<0.0094	U		<0.0094	U	
		VMP-24-10-110211	11/2/2011	0.011			<0.004	U		<0.0035	U		<0.0056	U		<0.0056	U		<0.0056	U	
		VMP-24-10-012512	1/25/2012	0.0054	J		0.00041	J		<0.0033	U		<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-24-10-041012	4/10/2012	0.1			<0.0045	U		<0.0039	U		<0.0063	U		<0.0062	U		<0.0062	U	
		VMP-24-10-071212	7/12/2012	0.045			<0.0052	J	U	<0.0045	J	U	<0.0073	U		<0.0072	U		<0.0072	U	
		VMP-24-10-100912	10/9/2012	0.074			<0.0065	U		<0.0056	U		<0.0091	U		<0.009	U		<0.009	U	
		VMP-24-10-012313	1/23/2013	0.016			<0.0068	U		<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0094	J	U
		VMP-24-10-042513	4/25/2013	<0.052	U		0.53			<0.022	U		<0.036	U		<0.036	U		<0.036	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							6200			11			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011	<0.004	U		0.0062			0.0094	J		<0.0074	U		<0.0074	U		<0.0073	J	U
		VMP-23-10-042111	4/21/2011	<0.041	U		0.25			<0.41	U		<0.075	U		<0.075	U		<0.074	U	
		VMP-23-10-072711	7/27/2011	<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-23-10-110211	11/2/2011	<0.0027	U		0.014			<0.027	U		<0.005	U		<0.005	U		<0.0049	U	
		VMP-23-10-012512	1/25/2012	<0.0023	U		0.017			<0.023	U		<0.0042	U		<0.0042	U		<0.0042	U	
		VMP-23-10-040912	4/9/2012	<0.0029	U		0.011			<0.029	U		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-23-10-040912-Dup	4/9/2012	0.0029			0.013			<0.029	U		<0.0053	U		<0.0053	U		0.0062		
		VMP-23-10-070912	7/9/2012	0.0047			<0.0029	J	U	<0.023	U		<0.0042	U		<0.0042	U		<0.0042	U	
		VMP-23-10-100312	10/3/2012	<0.0046	U		0.0018	J		<0.046	U		<0.0085	U		<0.0085	U		<0.0084	U	
		VMP-23-10-012413	1/24/2013	<0.0036	U		<0.0046	J	U	<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-23-10-042213	4/22/2013	<0.0039	U		<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
	25 ft	VMP-23-25-021511	2/15/2011	<0.0037	U		0.0011	J		<0.037	U		<0.0069	U		<0.0069	U		0.0024	J	
		VMP-23-25-042111	4/21/2011	<0.038	U		<0.049	U		<0.38	U		<0.07	U		<0.07	U		<0.069	U	
		VMP-23-25-072711	7/27/2011	<0.0043	U		0.016			0.012	J		<0.0079	U		<0.0079	U		<0.0078	U	
		VMP-23-25-110511	11/5/2011	<0.0027	U		0.015			<0.027	U		<0.005	U		<0.005	U		<0.0049	J	U
		VMP-23-25-012512	1/25/2012	<0.0024	U		0.019			<0.024	U		<0.0045	U		<0.0045	U		<0.0044	U	
		VMP-23-25-040912	4/9/2012	0.044			0.25			<0.028	U		<0.0052	U		<0.0052	U		0.0061		
		VMP-23-25-071012	7/10/2012	0.01			0.0058			<0.036	U		<0.0066	U		<0.0066	U		<0.0066	U	
		VMP-23-25-100312	10/3/2012	<0.0045	U		0.0018	J		<0.045	U		<0.0083	U		<0.0083	U		<0.0081	U	
		VMP-23-25-012413	1/24/2013	<0.0037	U		<0.0047	J	U	<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-23-25-042213	4/22/2013	<0.0041	U		0.007			<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
	40 ft	VMP-23-40-071012	7/10/2012	<0.003	U		0.0058			<0.03	U		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-23-40-100312	10/3/2012	<0.0041	U		0.0022	J		<0.042	U		<0.0077	U		<0.0077	U		<0.0076	U	
		VMP-23-40-012413	1/24/2013	<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
		VMP-23-40-042213	4/22/2013	<0.0042	U		0.0082			<0.042	U		<0.0077	U		<0.0077	U		<0.0076	U	
		VMP-23-40-042213-Dup	4/22/2013	<0.0042	U		0.0062			<0.042	U		<0.0077	U		<0.0077	U		<0.0076	U	
	5 ft	VMP-24-5-021611	2/16/2011	<0.0042	U		<0.0053	J	U	<0.042	J	U	<0.0077	U		<0.0077	U		<0.0076	U	
		VMP-24-5-040811	4/8/2011	<0.044	U		<0.057	U		<0.45	U		<0.082	U		<0.082	U		<0.081	U	
		VMP-24-5-072811	7/28/2011	<0.0042	U		0.045			0.0082	J		<0.0077	U		<0.0077	U		<0.0076	U	
		VMP-24-5-110211	11/2/2011	<0.0028	U		0.0068			<0.028	U		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-24-5-110211-DUP	11/2/2011	<0.0038	U		0.0069			<0.038	U		<0.0071	U		<0.0071	U		<0.007	U	
		VMP-24-5-012512	1/25/2012	0.00072	J		0.011			<0.024	U		<0.0044	U		<0.0044	U		0.00084	J	
		VMP-24-5-040912	4/9/2012	0.038			0.045			<0.028	U		<0.0052	U		<0.0052	U		0.0027	J	
		VMP-24-5-071212	7/12/2012	0.0057			0.053			<0.027	U		<0.005	U		<0.005	U		<0.0049	U	
		VMP-24-5-101912	10/19/2012	<0.0042	U		0.0023	J		<0.042	U		<0.0077	U		<0.0077	U		<0.0076	U	
		VMP-24-5-012313	1/23/2013	<0.0037	U		<0.0047	J	U	<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-24-5-050113	5/1/2013	<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U		0.004	J	
	10 ft	VMP-24-10-021711	2/17/2011	<0.004	U		<0.0051	J	U	<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U	
		VMP-24-10-041111	4/11/2011	<0.0074	U		0.0025	J		<0.075	U		<0.014	U		<0.014	U		0.0037	J	
		VMP-24-10-072811	7/28/2011	<0.0041	U		0.024			0.0052	J		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-24-10-110211	11/2/2011	<0.0024	U		0.012			<0.024	U		<0.0045	U		<0.0045	U		<0.0044	U	
		VMP-24-10-012512	1/25/2012	<0.0023	U		0.0045			<0.023	U		<0.0042	U		<0.0042	U		0.00087	J	
		VMP-24-10-041012	4/10/2012	0.022			0.076			<0.027	U		<0.005	U		<0.005	U		<0.0049	U	
		VMP-24-10-071212	7/12/2012	0.0019	J		0.049			<0.031	U		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-24-10-100912	10/9/2012	<0.0039	U		0.0042	J		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-24-10-012313	1/23/2013	<0.0041	U		0.0013	J		<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-24-10-042513	4/25/2013	<0.016	U		<0.02	U		<0.16	U		<0.029	U		<0.029	U		<0.028	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride		
				860			860												0.29		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011	0.0015	J		0.0015	J		<0.0067	J	U	<0.0067	U		0.024			<0.0035	U	
		VMP-23-10-042111	4/21/2011	<0.078	U		<0.078	U		<0.068	U		<0.068	U		1.4			<0.035	U	
		VMP-23-10-072711	7/27/2011	<0.0071	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U	
		VMP-23-10-110211	11/2/2011	<0.0051	U		<0.0051	U		<0.0045	J	U	<0.0045	J	U	0.00047	J		<0.0023	U	
		VMP-23-10-012512	1/25/2012	0.0014	J		0.0014	J		0.0007	J		<0.0038	U		0.88			<0.002	U	
		VMP-23-10-040912	4/9/2012	0.0019	J		0.0019	J		0.002	J		<0.0048	U		<0.0046	U		<0.0025	U	
		VMP-23-10-040912-Dup	4/9/2012	0.0032	J		0.0032	J		<0.0048	U		<0.0048	U		0.0059			<0.0025	U	
		VMP-23-10-070912	7/9/2012	0.0013	J		0.0013	J		0.0019	J		0.00078	J		<0.0036	U		<0.002	U	
		VMP-23-10-100312	10/3/2012	<0.0087	U		<0.0087	U		<0.0076	U		<0.0076	U		0.011			<0.004	U	
		VMP-23-10-012413	1/24/2013	0.0012	J		0.0012	J		<0.0061	U		<0.0061	U		0.0051	J		<0.0032	U	
		VMP-23-10-042213	4/22/2013	0.0012	J		0.0012	J		<0.0065	U		<0.0065	U		0.067			<0.0034	U	
	25 ft	VMP-23-25-021511	2/15/2011	<0.0071	U		<0.0071	U		<0.0062	U		<0.0062	U		1.3			<0.0032	U	
		VMP-23-25-042111	4/21/2011	<0.072	U		<0.072	U		<0.063	U		<0.063	U		2.9			<0.033	U	
		VMP-23-25-072711	7/27/2011	<0.0081	U		<0.0081	U		0.004	J		0.0024	J		0.046			<0.0037	U	
		VMP-23-25-110511	11/5/2011	0.001	J		0.001	J		<0.0045	U		<0.0045	U		0.0022	J		<0.0023	U	
		VMP-23-25-012512	1/25/2012	0.0022	J		0.0022	J		<0.004	U		<0.004	U		0.66			<0.0021	U	
		VMP-23-25-040912	4/9/2012	0.0024	J		0.0024	J		0.0023	J		<0.0047	U		0.0031	J		<0.0024	U	
		VMP-23-25-071012	7/10/2012	0.0022	J		0.0022	J		<0.006	U		<0.006	U		0.002	J		<0.0031	U	
		VMP-23-25-100312	10/3/2012	0.002	J		0.002	J		<0.0074	U		<0.0074	U		0.016			<0.0039	U	
		VMP-23-25-012413	1/24/2013	0.0019	J		0.0019	J		<0.0062	U		<0.0062	U		0.0014	J		<0.0032	U	
		VMP-23-25-042213	4/22/2013	0.0014	J		0.0014	J		<0.0068	J	U	<0.0068	J	U	0.037			<0.0035	U	
	40 ft	VMP-23-40-071012	7/10/2012	<0.0058	U		<0.0058	U		0.0021	J		<0.0051	U		<0.0048	U		<0.0026	U	
		VMP-23-40-100312	10/3/2012	0.003	J		0.003	J		<0.0069	U		<0.0069	U		0.027			<0.0036	U	
		VMP-23-40-012413	1/24/2013	0.0027	J		0.0027	J		<0.0063	U		<0.0063	U		0.0082			<0.0033	U	
		VMP-23-40-042213	4/22/2013	0.0022	J		0.0022	J		<0.0069	J	U	<0.0069	J	U	0.02			<0.0036	U	
		VMP-23-40-042213-Dup	4/22/2013	0.0023	J		0.0023	J		<0.0069	U		<0.0069	U		0.015			<0.0036	U	
	5 ft	VMP-24-5-021611	2/16/2011	<0.0079	U		<0.0079	U		<0.0069	J	U	<0.0069	J	U	0.011			<0.0036	U	
		VMP-24-5-040811	4/8/2011	<0.084	U		<0.084	U		<0.074	U		<0.074	U		0.48			<0.038	U	
		VMP-24-5-072811	7/28/2011	0.0016	J		0.0016	J		0.0052	J		0.0019	J		0.012			<0.0036	U	
		VMP-24-5-110211	11/2/2011	0.0016	J		0.0016	J		<0.0046	J	U	<0.0046	J	U	0.0017	J		<0.0024	U	
		VMP-24-5-110211-DUP	11/2/2011	<0.0073	U		<0.0073	U		0.0073			<0.0064	J	U	0.0083			<0.0033	U	
		VMP-24-5-012512	1/25/2012	0.0014	J		0.0014	J		<0.004	U		<0.004	U		<0.0038	U		<0.002	U	
		VMP-24-5-040912	4/9/2012	0.0018	J		0.0018	J		0.017			0.0048			0.013			<0.0024	U	
		VMP-24-5-071212	7/12/2012	0.0013	J		0.0013	J		0.0087			0.0022	J		0.012			<0.0023	U	
		VMP-24-5-101912	10/19/2012	<0.008	U		<0.008	U		<0.007	U		<0.007	U		0.0096			<0.0036	U	
		VMP-24-5-012313	1/23/2013	0.0014	J		0.0014	J		<0.0062	U		<0.0062	U		0.019			<0.0032	U	
		VMP-24-5-050113	5/1/2013	<0.0085	U		<0.0085	U		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U	
	10 ft	VMP-24-10-021711	2/17/2011	0.0019	J		0.0019	J		<0.0066	J	U	<0.0066	U		1.2			<0.0034	U	
		VMP-24-10-041111	4/11/2011	<0.014	U		<0.014	U		<0.012	U		<0.012	U		0.12			<0.0064	U	
		VMP-24-10-072811	7/28/2011	0.0027	J		0.0027	J		0.0033	J		0.0014	J		0.002	J		<0.0035	U	
		VMP-24-10-110211	11/2/2011	0.0017	J		0.0017	J		<0.004	J	U	<0.004	U		0.00052	J		<0.0021	U	
		VMP-24-10-012512	1/25/2012	0.0016	J		0.0016	J		<0.0038	U		<0.0038	U		0.0015	J		<0.002	U	
		VMP-24-10-041012	4/10/2012	0.0019	J		0.0019	J		<0.0045	U		<0.0045	U		0.076			<0.0023	U	
		VMP-24-10-071212	7/12/2012	0.0014	J		0.0014	J		0.0027	J		<0.0052	U		<0.005	U		<0.0027	U	
		VMP-24-10-100912	10/9/2012	0.0014	J		0.0014	J		<0.0065	U		<0.0065	U		0.0021	J		<0.0034	U	
		VMP-24-10-012313	1/23/2013	0.0018	J		0.0018	J		<0.0068	U		<0.0068	U		0.01			<0.0035	U	
		VMP-24-10-042513	4/25/2013	<0.03	U		<0.03	U		0.29			0.048			6.1			<0.014	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	m,p-Xylenes			o-Xylenes			Isobutane			Isobutane			Pentane		
				130			120											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011	0.0086			0.0037	J										
		VMP-23-10-042111	4/21/2011	0.26			0.059											
		VMP-23-10-072711	7/27/2011	<0.0055	U		<0.0055	U										
		VMP-23-10-110211	11/2/2011	0.0042			0.0014	J										
		VMP-23-10-012512	1/25/2012	0.0045			0.0008	J										
		VMP-23-10-040912	4/9/2012	0.0057			0.002	J										
		VMP-23-10-040912-Dup	4/9/2012	0.0049			0.0016	J										
		VMP-23-10-070912	7/9/2012	<0.0034	J	U	0.00074	J										
		VMP-23-10-100312	10/3/2012	<0.0068	U		<0.0068	U										
		VMP-23-10-012413	1/24/2013	<0.0054	U		<0.0054	U										
		VMP-23-10-042213	4/22/2013	<0.0058	U		<0.0058	U										
	25 ft	VMP-23-25-021511	2/15/2011	0.00067	J		<0.0055	U										
		VMP-23-25-042111	4/21/2011	<0.056	U		<0.056	U										
		VMP-23-25-072711	7/27/2011	0.0065			0.002	J										
		VMP-23-25-110511	11/5/2011	0.0018	J		0.00062	J										
		VMP-23-25-012512	1/25/2012	0.0032	J		<0.0036	U										
		VMP-23-25-040912	4/9/2012	0.013			0.0042											
		VMP-23-25-071012	7/10/2012	<0.0053	J	U	0.0014	J										
		VMP-23-25-100312	10/3/2012	<0.0066	U		<0.0066	U										
		VMP-23-25-012413	1/24/2013	<0.0055	U		<0.0055	U										
		VMP-23-25-042213	4/22/2013	0.017			0.0077											
	40 ft	VMP-23-40-071012	7/10/2012	<0.0045	J	U	0.00092	J										
		VMP-23-40-100312	10/3/2012	<0.0061	J	U	<0.0061	U										
		VMP-23-40-012413	1/24/2013	<0.0056	U		<0.0056	U										
		VMP-23-40-042213	4/22/2013	0.027			0.014											
		VMP-23-40-042213-Dup	4/22/2013	0.02			0.0084											
	5 ft	VMP-24-5-021611	2/16/2011	<0.0061	J	U	<0.0061	J	U									
		VMP-24-5-040811	4/8/2011	<0.065	U		<0.065	U										
		VMP-24-5-072811	7/28/2011	0.0099			0.004	J										
		VMP-24-5-110211	11/2/2011	0.0031	J		<0.0041	U										
		VMP-24-5-110211-DUP	11/2/2011	0.0046	J		0.0026	J										
		VMP-24-5-012512	1/25/2012	0.0062			0.001	J										
		VMP-24-5-040912	4/9/2012	0.023			0.0096											
		VMP-24-5-071212	7/12/2012	0.0078			0.0029	J										
		VMP-24-5-101912	10/19/2012	<0.0061	J	U	<0.0061	U										
		VMP-24-5-012313	1/23/2013	<0.0055	U		<0.0055	U										
		VMP-24-5-050113	5/1/2013	<0.0066	U		<0.0066	U										
	10 ft	VMP-24-10-021711	2/17/2011	<0.0058	J	U	<0.0058	U										
		VMP-24-10-041111	4/11/2011	<0.011	J	U	<0.011	U										
		VMP-24-10-072811	7/28/2011	0.0062			0.0015	J										
		VMP-24-10-110211	11/2/2011	<0.0036	J	U	<0.0036	U										
		VMP-24-10-012512	1/25/2012	0.0078			0.0021	J										
		VMP-24-10-041012	4/10/2012	0.0026	J		<0.004	U										
		VMP-24-10-071212	7/12/2012	0.0073			0.0021	J										
		VMP-24-10-100912	10/9/2012	<0.0057	J	U	<0.0057	U										
		VMP-24-10-012313	1/23/2013	<0.006	U		<0.006	U										
		VMP-24-10-042513	4/25/2013	0.13			0.0052	J										

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene		
				750000			0.37			450000			11			6.9					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011	0.0064	J		0.95			<0.009	U		<0.014	U		<0.0052	U		<0.003	U	
		VMP-24-22-041111	4/11/2011	0.011	J		0.013			<0.0084	U		<0.013	U		<0.0049	U		<0.0028	U	
		VMP-24-22-072811	7/28/2011	0.022			0.047			<0.0084	U		<0.013	U		<0.0049	U		<0.0028	U	
		VMP-24-22-072811-Dup	7/28/2011	0.015			0.046			<0.0097	U		<0.015	U		<0.0056	U		<0.0032	U	
		VMP-24-22-110611	11/6/2011	0.018			0.01			<0.0059	U		<0.009	J	U	<0.0034	U		<0.0019	U	
		VMP-24-22-012512	1/25/2012	0.012			0.00079	J		0.00069	J		<0.0085	U		<0.0032	U		<0.0018	U	
		VMP-24-22-041012	4/10/2012	0.067			0.0037			<0.006	U		<0.0092	U		<0.035	J	UJ	<0.002	U	
		VMP-24-22-071212	7/12/2012	0.073			0.033			<0.0073	U		<0.011	U		<0.042	U		<0.0024	U	
		VMP-24-22-100912	10/9/2012	0.014	J		0.0013	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U	
		VMP-24-22-012313	1/23/2013	0.0069	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U	
		VMP-24-22-042513	4/25/2013	0.0091	J		0.016			<0.009	U		<0.014	U		<0.052	U		<0.003	U	
		VMP-24-22-042513-Dup	4/25/2013	0.0096	J		0.0098			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U	
	34 ft	VMP-24-34-021711	2/17/2011	0.014			0.0084			<0.009	U		<0.014	U		<0.0052	U		<0.003	U	
		VMP-24-34-041111	4/11/2011	0.014			0.0072			<0.0081	U		<0.012	U		<0.0047	U		<0.0027	U	
		VMP-24-34-072811	7/28/2011	0.031			0.077			<0.0071	U		<0.011	U		<0.0041	U		<0.0024	U	
		VMP-24-34-110611	11/6/2011	0.025			0.0095			<0.0046	U		<0.007	J	U	<0.0026	U		<0.0015	U	
		VMP-24-34-012512	1/25/2012	0.0075	J		0.00051	J		0.001	J		<0.0087	U		<0.0033	U		<0.0018	U	
		VMP-24-34-041012	4/10/2012	0.06			0.037			<0.0063	U		<0.0097	U		<0.036	J	UJ	<0.0021	U	
		VMP-24-34-071212	7/12/2012	0.074			0.1			<0.006	U		<0.0092	U		<0.035	U		<0.002	U	
		VMP-24-34-100912	10/9/2012	0.015	J		0.0067			<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
		VMP-24-34-012313	1/23/2013	0.009	J		0.0068			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
		VMP-24-34-050613	5/6/2013	<0.038	U		0.056			<0.011	U		<0.016	U		<0.062	U		<0.0035	U	
VMP-31	5 ft	VMP-31-5-042512	4/25/2012	0.057			0.29			<0.0064	U		<0.0099	U		<0.037	U		<0.0021	U	
		VMP-31-5-072012	7/20/2012	0.17			0.0043			<0.0064	U		<0.0099	U		<0.037	U		<0.0021	U	
		VMP-31-5-102612	10/26/2012	0.15			0.015			<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
		VMP-31-5-021113	2/11/2013	0.064			0.0017	J		<0.0086	U		<0.013	U		<0.05	J	U	<0.0028	U	
		VMP-31-5-051513	5/15/2013	0.033	J		0.021			<0.0098	U		<0.015	U		<0.057	U		<0.0032	U	
	10 ft	VMP-31-10-042512	4/25/2012	0.048			0.54			<0.0085	U		<0.013	U		<0.05	U		<0.0028	U	
		VMP-31-10-072612	7/26/2012	0.033			0.0026	J		<0.0065	U		<0.01	U		0.0015	J	J	<0.0022	U	
		VMP-31-10-102612	10/26/2012	0.036			0.02			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U	
		VMP-31-10-021313	2/13/2013	0.018	J		0.024			<0.0094	U		<0.014	U		0.0039	J		<0.0031	U	
		VMP-31-10-051713	5/17/2013	0.037			0.0013	J		<0.011	U		<0.017	U		<0.062	J	U	<0.0036	U	
	20 ft	VMP-31-20-101912	10/19/2012	<13	U		0.64	J		<9.2	U		<14	U		<5.4	U		<3	U	
		VMP-31-20-021113	2/11/2013	0.045	J		<0.063	U		<0.13	U		<0.2	U		<0.076	U		<0.044	U	
	30 ft	VMP-31-30-042512	4/25/2012	<4.6	U		9.9			<3.3	U		<5.1	U		<1.9	U		<1.1	U	
		VMP-31-30-042512-Dup	4/25/2012	<4.6	U		12			<3.3	U		<5.1	U		<1.9	U		<1.1	U	
		VMP-31-30-072012	7/20/2012	<2.3	U		<0.3	U		<0.64	U		<0.99	U		<3.7	U		<0.21	U	
		VMP-31-30-101912	10/19/2012	<0.82	U		0.044	J		<0.58	U		<0.89	U		<0.33	U		<0.19	U	
		VMP-31-30-021113	2/11/2013	<13	U		<4.5	U		<9.4	U		<14	U		<5.5	U		<3.1	U	
		VMP-31-30-050713	5/7/2013	540		J	45			<80	U		<120	U		<460	U		<26	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Butane			Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			2-Butanone			Carbon disulfide		
																6400			780		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011													<0.004	U		<0.0042	J	U
		VMP-24-22-041111	4/11/2011	<0.012	U											<0.015	U		0.00074	J	
		VMP-24-22-072811	7/28/2011	<0.012	U											0.012	J		0.003	J	
		VMP-24-22-072811-Dup	7/28/2011	<0.014	U											0.007	J		0.0028	J	
		VMP-24-22-110611	11/6/2011	<0.0083	U											0.0033	J		<0.011	J	U
		VMP-24-22-012512	1/25/2012	<0.0078	U											0.0046	J		<0.01	U	
		VMP-24-22-041012	4/10/2012	0.0074	J											0.022			0.002	J	
		VMP-24-22-071212	7/12/2012	<0.01	U											0.014			<0.014	U	
		VMP-24-22-100912	10/9/2012	<0.013	U											<0.016	U		<0.017	U	
		VMP-24-22-012313	1/23/2013	0.022												<0.017	U		<0.018	J	U
		VMP-24-22-042513	4/25/2013	0.019												<0.016	U		<0.017	J	U
		VMP-24-22-042513-Dup	4/25/2013	0.009	J											<0.017	U		<0.018	J	U
	34 ft	VMP-24-34-021711	2/17/2011													0.0025	J		<0.0042	J	U
		VMP-24-34-041111	4/11/2011	0.0031	J											<0.014	U		<0.015	U	
		VMP-24-34-072811	7/28/2011	<0.01	U											0.012	J		0.0042	J	
		VMP-24-34-110611	11/6/2011	0.0033	J											0.016			<0.0085	J	U
		VMP-24-34-012512	1/25/2012	<0.008	U											0.0065	J		<0.01	U	
		VMP-24-34-041012	4/10/2012	0.0037	J											0.015			0.0021	J	
		VMP-24-34-071212	7/12/2012	0.0033	J											0.021			<0.011	U	
		VMP-24-34-100912	10/9/2012	<0.013	U											<0.016	U		<0.017	U	
		VMP-24-34-012313	1/23/2013	<0.014	U											<0.017	U		<0.018	J	U
		VMP-24-34-050613	5/6/2013	<0.015	U											<0.019	U		<0.02	J	U
VMP-31	5 ft	VMP-31-5-042512	4/25/2012	<0.0091	U											0.027			0.0085	J	
		VMP-31-5-072012	7/20/2012	<0.0091	U											0.023			0.045		
		VMP-31-5-102612	10/26/2012	0.23												0.045			<0.017	U	
		VMP-31-5-021113	2/11/2013	0.0096	J											0.0039	J		<0.016	J	U
		VMP-31-5-051513	5/15/2013	<0.014	U											0.0075	J		<0.018	U	
	10 ft	VMP-31-10-042512	4/25/2012	0.067												0.022			<0.016	J	U
		VMP-31-10-072612	7/26/2012	<0.0093	U											0.014			<0.012	J	U
		VMP-31-10-102612	10/26/2012	0.1												0.0089	J		<0.018	U	
		VMP-31-10-021313	2/13/2013	0.1												0.0037	J		<0.018	U	
		VMP-31-10-051713	5/17/2013	<0.015	U											0.0055	J		0.0054	J	
	20 ft	VMP-31-20-101912	10/19/2012	2.3	J											<16	U		<4.3	U	
		VMP-31-20-021113	2/11/2013	1.5												<0.23	U		<0.061	U	
	30 ft	VMP-31-30-042512	4/25/2012	970												<5.8	U		0.58	J	
		VMP-31-30-042512-Dup	4/25/2012	1100												<5.8	U		0.61	J	
		VMP-31-30-072012	7/20/2012	52												<1.1	U		<1.2	U	
		VMP-31-30-101912	10/19/2012	19												<1	U		0.025	J	
		VMP-31-30-021113	2/11/2013	1000												2.6	J		<4.4	U	
		VMP-31-30-050713	5/7/2013	7700												<140	U		<150	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane		
				0.21			69			57000						0.11					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011	<0.0085	U		<0.0062	U		<0.011	U		<0.0035	U		<0.0066	U		<0.011	U	
		VMP-24-22-041111	4/11/2011	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		0.0039	J	
		VMP-24-22-072811	7/28/2011	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.01	U	
		VMP-24-22-072811-Dup	7/28/2011	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.012	U	
		VMP-24-22-110611	11/6/2011	<0.0055	U		<0.004	J	U	<0.0074	U		<0.0092	U		<0.0043	J	U	<0.0072	U	
		VMP-24-22-012512	1/25/2012	<0.0052	U		<0.0038	U		<0.007	U		<0.0086	U		<0.004	U		<0.0068	U	
		VMP-24-22-041012	4/10/2012	<0.0056	U		<0.0041	U		<0.0076	U		<0.0094	U		<0.0044	U		0.011	J	
		VMP-24-22-071212	7/12/2012	<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		<0.0053	U		0.0026	J	
		VMP-24-22-100912	10/9/2012	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U	
		VMP-24-22-012313	1/23/2013	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U	
		VMP-24-22-042513	4/25/2013	<0.0085	U		<0.0062	J	U	<0.012	U		<0.014	U		<0.0066	U		<0.028	U	
		VMP-24-22-042513-Dup	4/25/2013	<0.0093	U		<0.0068	J	U	<0.013	U		<0.016	U		<0.0072	U		<0.03	U	
	34 ft	VMP-24-34-021711	2/17/2011	<0.0085	U		<0.0062	U		<0.011	U		<0.0035	U		<0.0066	U		0.0036	J	
		VMP-24-34-041111	4/11/2011	<0.0076	U		<0.0056	U		0.0027	J		<0.013	U		0.00071	J		<0.01	U	
		VMP-24-34-072811	7/28/2011	<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		<0.0052	U		<0.0088	U	
		VMP-24-34-110611	11/6/2011	<0.0043	U		<0.0031	J	U	<0.0058	U		<0.0072	U		<0.0033	U		<0.0056	U	
		VMP-24-34-012512	1/25/2012	<0.0053	U		<0.0039	U		<0.0072	U		<0.0089	U		0.00092	J		<0.0069	U	
		VMP-24-34-041012	4/10/2012	<0.0059	U		<0.0043	U		<0.008	U		<0.0099	U		<0.0046	U		0.01	J	
		VMP-24-34-071212	7/12/2012	<0.0056	U		<0.0041	U		<0.0076	U		<0.0094	U		<0.0044	U		<0.018	U	
		VMP-24-34-100912	10/9/2012	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	
		VMP-24-34-012313	1/23/2013	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U	
		VMP-24-34-050613	5/6/2013	<0.01	U		<0.0074	U		<0.014	U		<0.017	U		<0.0078	U		<0.033	U	
VMP-31	5 ft	VMP-31-5-042512	4/25/2012	<0.006	U		<0.0044	J	U	<0.0081	U		<0.01	U		<0.0047	U		<0.02	U	
		VMP-31-5-072012	7/20/2012	<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		<0.0047	U		0.0036	J	
		VMP-31-5-102612	10/26/2012	<0.0087	U		0.0015	J		<0.012	U		<0.014	U		<0.0067	U		0.004	J	
		VMP-31-5-021113	2/11/2013	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U	
		VMP-31-5-051513	5/15/2013	<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U	
	10 ft	VMP-31-10-042512	4/25/2012	<0.008	U		<0.0059	J	U	<0.011	U		<0.013	U		<0.0062	U		<0.026	U	
		VMP-31-10-072612	7/26/2012	<0.0061	U		<0.0045	J	U	<0.0083	U		<0.01	U		0.0031	J		<0.02	U	
		VMP-31-10-102612	10/26/2012	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U	
		VMP-31-10-021313	2/13/2013	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U	
		VMP-31-10-051713	5/17/2013	<0.01	U		<0.0074	U		<0.014	U		<0.017	U		<0.0079	U		<0.033	U	
	20 ft	VMP-31-20-101912	10/19/2012	<8.7	U		<6.4	U		<12	U		<14	U		<6.7	U		<11	U	
		VMP-31-20-021113	2/11/2013	<0.12	U		<0.091	U		<0.17	U		<0.21	U		<0.096	U		<0.16	U	
	30 ft	VMP-31-30-042512	4/25/2012	<3.1	U		<2.2	U		<4.2	U		<5.2	U		<2.4	U		<4	U	
		VMP-31-30-042512-Dup	4/25/2012	<3.1	U		<2.2	U		<4.2	U		<5.2	U		<2.4	U		<4	U	
		VMP-31-30-072012	7/20/2012	<0.6	U		<0.44	U		<0.81	U		<1	U		<0.47	U		<2	U	
		VMP-31-30-101912	10/19/2012	<0.54	U		<0.4	U		<0.73	U		<0.91	U		<0.42	U		<0.71	U	
		VMP-31-30-021113	2/11/2013	<8.9	U		<6.5	U		<12	U		<15	U		<6.9	U		<12	U	
		VMP-31-30-050713	5/7/2013	<75	U		<55	U		<100	U		<120	U		<58	U		<240	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	alpha-Chlorotoluene			Cyclobutane, ethyl-			Cyclohexane			Cyclopentane, methyl-			1,2-Dibromoethane			1,2-Dichlorobenzene		
																0.011			290		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011	<0.007	U					0.067						<0.01	U		<0.0081	U	
		VMP-24-22-041111	4/11/2011	<0.0065	U					<0.0043	U					<0.0097	U		<0.0076	U	
		VMP-24-22-072811	7/28/2011	<0.0065	U					<0.0043	U					0.0016	J		0.001	J	
		VMP-24-22-072811-Dup	7/28/2011	<0.0075	U					<0.005	U					<0.011	U		0.001	J	
		VMP-24-22-110611	11/6/2011	<0.0045	U					0.0011	J					<0.0067	U		<0.0053	U	
		VMP-24-22-012512	1/25/2012	<0.0042	U					<0.0028	U					<0.0063	U		<0.0049	U	
		VMP-24-22-041012	4/10/2012	<0.0046	U					0.0082						<0.0069	U		<0.0054	U	
		VMP-24-22-071212	7/12/2012	<0.0056	U	UJ				0.001	J					<0.0083	U		<0.0065	U	
		VMP-24-22-100912	10/9/2012	<0.007	U					<0.0046	U					<0.01	U		<0.0081	U	
		VMP-24-22-012313	1/23/2013	<0.0073	U					<0.0048	U					<0.011	U		<0.0085	U	
		VMP-24-22-042513	4/25/2013	<0.007	U					0.0058						<0.01	U		<0.0081	U	
		VMP-24-22-042513-Dup	4/25/2013	<0.0077	U					0.0035	J					<0.011	U		<0.0089	U	
	34 ft	VMP-24-34-021711	2/17/2011	<0.007	U					0.0024	J					<0.01	U		<0.0081	U	
		VMP-24-34-041111	4/11/2011	<0.0063	U					0.0018	J					<0.0093	U		<0.0073	U	
		VMP-24-34-072811	7/28/2011	<0.0055	U					0.00092	J					<0.0082	U		<0.0064	U	
		VMP-24-34-110611	11/6/2011	<0.0035	U					0.0009	J					<0.0052	U		<0.0041	U	
		VMP-24-34-012512	1/25/2012	<0.0043	U					<0.0029	U					<0.0064	U		<0.005	U	
		VMP-24-34-041012	4/10/2012	<0.0048	U					0.0072						<0.0072	U		<0.0056	U	
		VMP-24-34-071212	7/12/2012	<0.0046	U	UJ				0.0022	J					<0.0069	U		<0.0054	U	
		VMP-24-34-100912	10/9/2012	<0.0071	U					0.0018	J					<0.011	U		<0.0083	U	
		VMP-24-34-012313	1/23/2013	<0.0075	U					<0.005	U					<0.011	U		<0.0087	U	
		VMP-24-34-050613	5/6/2013	<0.0083	J	U				0.0075						<0.012	J	U	<0.0096	J	U
VMP-31	5 ft	VMP-31-5-042512	4/25/2012	<0.0049	U					<0.0033	U					<0.0073	U		<0.0057	U	
		VMP-31-5-072012	7/20/2012	<0.0049	U					<0.0033	U					<0.0073	U		<0.0057	U	
		VMP-31-5-102612	10/26/2012	0.0022	J					0.014						<0.011	U		<0.0083	U	
		VMP-31-5-021113	2/11/2013	<0.0067	U					0.0032	J					<0.0099	U		<0.0078	U	
		VMP-31-5-051513	5/15/2013	<0.0076	J	U				0.00089	J					<0.011	U		<0.0088	U	
	10 ft	VMP-31-10-042512	4/25/2012	<0.0066	U					0.018						<0.0098	U		<0.0077	U	
		VMP-31-10-072612	7/26/2012	<0.005	U					<0.0034	U					<0.0075	U		<0.0059	U	
		VMP-31-10-102612	10/26/2012	<0.0077	U					0.0022	J					<0.011	U		<0.0089	U	
		VMP-31-10-021313	2/13/2013	<0.0073	U					0.004	J					<0.011	U		<0.0085	U	
		VMP-31-10-051713	5/17/2013	<0.0083	J	U				<0.0055	U					<0.012	J	U	<0.0097	J	U
	20 ft	VMP-31-20-101912	10/19/2012	<7.1	U					4.4	J					<11	U		<8.3	U	
		VMP-31-20-021113	2/11/2013	<0.1	U					<0.068	U					<0.15	U		<0.12	U	
	30 ft	VMP-31-30-042512	4/25/2012	<10	U					34						<3.8	U		<2.9	U	
		VMP-31-30-042512-Dup	4/25/2012	<10	U					38						<3.8	U		<2.9	U	
		VMP-31-30-072012	7/20/2012	<0.49	U					0.4						<0.73	U		<0.57	U	
		VMP-31-30-101912	10/19/2012	<0.44	U					0.42						<0.66	U		<0.52	U	
		VMP-31-30-021113	2/11/2013	<7.3	U					<4.8	U					<11	U		<8.5	U	
		VMP-31-30-050713	5/7/2013	<62	U					89						<91	U		<72	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
							1200						690			0.099			240		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011	<0.0081	U		<0.0081	U		0.0026	J		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-24-22-041111	4/11/2011	<0.0076	U		<0.0076	U		0.0032	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-24-22-072811	7/28/2011	<0.0076	U		0.0016	J		0.0024	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-24-22-072811-Dup	7/28/2011	<0.0087	U		0.002	J		0.0019	J		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-24-22-110611	11/6/2011	<0.0053	U		<0.0053	U		0.0029	J		<0.0035	U		<0.0035	U		<0.0035	U	
		VMP-24-22-012512	1/25/2012	<0.0049	U		<0.0049	U		0.0026	J		<0.0033	U		<0.0033	U		<0.0032	U	
		VMP-24-22-041012	4/10/2012	<0.0054	U		<0.0054	U		0.0031	J		<0.0036	U		<0.0036	U		<0.0035	U	
		VMP-24-22-071212	7/12/2012	<0.0065	U		<0.0065	U		<0.0054	U		<0.0044	U		<0.0044	U		<0.0043	U	
		VMP-24-22-100912	10/9/2012	<0.0081	U		<0.0081	U		0.0027	J		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-24-22-012313	1/23/2013	<0.0085	U		<0.0085	U		0.0029	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-24-22-042513	4/25/2013	<0.0081	U		<0.0081	J	U	0.0026	J		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-24-22-042513-Dup	4/25/2013	<0.0089	U		<0.0089	U		0.0029	J		<0.006	U		<0.006	U		<0.0059	U	
	34 ft	VMP-24-34-021711	2/17/2011	<0.0081	U		<0.0081	U		0.0022	J		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-24-34-041111	4/11/2011	<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-24-34-072811	7/28/2011	<0.0064	U		0.0015	J		0.0016	J		<0.0043	U		<0.0043	U		<0.0042	U	
		VMP-24-34-110611	11/6/2011	<0.0041	U		<0.0041	U		0.0028	J		<0.0028	U		<0.0028	U		<0.0027	U	
		VMP-24-34-012512	1/25/2012	0.0011	J		0.0013	J		0.0031	J		<0.0034	U		<0.0034	U		<0.0033	U	
		VMP-24-34-041012	4/10/2012	<0.0056	U		<0.0056	U		0.0033	J		<0.0038	U		<0.0038	U		<0.0037	U	
		VMP-24-34-071212	7/12/2012	<0.0054	U		<0.0054	U		0.0018	J		<0.0036	U		<0.0036	U		<0.0035	U	
		VMP-24-34-100912	10/9/2012	<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-24-34-012313	1/23/2013	<0.0087	U		<0.0087	U		0.0027	J		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-24-34-050613	5/6/2013	<0.0096	J	U	<0.0096	J	U	0.0023	J		<0.0065	U		<0.0065	U		<0.0063	U	
VMP-31	5 ft	VMP-31-5-042512	4/25/2012	<0.0057	U		<0.0057	J	U	0.0027	J		<0.0039	U		<0.0039	U		<0.0038	U	
		VMP-31-5-072012	7/20/2012	<0.0057	U		<0.0057	U		0.0026	J		<0.0039	U		<0.0039	U		<0.0038	U	
		VMP-31-5-102612	10/26/2012	<0.0083	U		<0.0083	U		0.0021	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-31-5-021113	2/11/2013	<0.0078	J	U	<0.0078	J	U	0.0022	J		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-31-5-051513	5/15/2013	<0.0088	U		<0.0088	J	U	0.0022	J		<0.006	U		<0.0059	U		<0.0058	U	
	10 ft	VMP-31-10-042512	4/25/2012	<0.0077	U		<0.0077	J	U	0.0025	J		<0.0052	U		<0.0052	U		<0.005	U	
		VMP-31-10-072612	7/26/2012	<0.0059	J	U	<0.0059	J	U	0.0035	J		<0.0039	U		<0.0039	U		<0.0039	U	
		VMP-31-10-102612	10/26/2012	<0.0089	U		<0.0089	U		0.0023	J		<0.006	U		<0.006	U		<0.0059	U	
		VMP-31-10-021313	2/13/2013	<0.0085	U		<0.0085	J	U	0.0021	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-31-10-051713	5/17/2013	<0.0097	J	U	<0.0097	J	U	0.0023	J		<0.0065	U		<0.0065	U		<0.0064	U	
	20 ft	VMP-31-20-101912	10/19/2012	<8.3	U		<8.3	U		<6.8	U		<5.6	U		<5.6	U		<5.5	U	
		VMP-31-20-021113	2/11/2013	<0.12	U		<0.12	U		<0.097	U		<0.08	U		<0.08	U		<0.078	U	
	30 ft	VMP-31-30-042512	4/25/2012	<2.9	U		<2.9	U		<2.4	U		<2	U		<2	U		<1.9	U	
		VMP-31-30-042512-Dup	4/25/2012	<2.9	U		<2.9	U		<2.4	U		<2	U		<2	U		<1.9	U	
		VMP-31-30-072012	7/20/2012	<0.57	U		<0.57	U		<0.47	U		<0.39	U		<0.39	U		<0.38	U	
		VMP-31-30-101912	10/19/2012	<0.52	U		<0.52	U		<0.42	U		<0.35	U		<0.35	U		<0.34	U	
		VMP-31-30-021113	2/11/2013	<8.5	U		<8.5	U		<7	U		<5.7	U		<5.7	U		<5.6	U	
		VMP-31-30-050713	5/7/2013	<72	U		<72	U		<59	U		<48	U		<48	U		<47	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene		
				1100000			85			5.6			0.062			0.9			0.9		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011	<0.0053	U		<0.0053	U		<0.0047	U		<0.0062	U		<0.0061	U		<0.0061	U	
		VMP-24-22-041111	4/11/2011	<0.005	U		<0.005	U		0.0023	J		<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-24-22-072811	7/28/2011	<0.005	U		<0.005	U		<0.0044	U		<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-24-22-072811-Dup	7/28/2011	<0.0057	U		<0.0057	U		<0.005	U		<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-24-22-110611	11/6/2011	<0.0035	U		<0.0035	U		0.0082			<0.004	U		<0.004	U		<0.004	U	
		VMP-24-22-012512	1/25/2012	<0.0032	U		<0.0032	U		0.001	J		<0.0038	U		<0.0037	U		<0.0037	U	
		VMP-24-22-041012	4/10/2012	<0.0035	U		<0.0035	U		0.009	J		<0.0041	U		<0.0041	U		<0.0041	U	
		VMP-24-22-071212	7/12/2012	<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-24-22-100912	10/9/2012	<0.0053	U		<0.0053	U		0.0024	J		<0.0062	U		<0.0061	U		<0.0061	U	
		VMP-24-22-012313	1/23/2013	<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U	
		VMP-24-22-042513	4/25/2013	<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	J	U
		VMP-24-22-042513-Dup	4/25/2013	<0.0059	U		<0.0059	U		<0.051	J	U	<0.0068	U		<0.0067	U		<0.0067	J	U
	34 ft	VMP-24-34-021711	2/17/2011	<0.0053	U		<0.0053	U		<0.0047	U		<0.0062	U		<0.0061	U		<0.0061	U	
		VMP-24-34-041111	4/11/2011	<0.0048	U		<0.0048	U		0.004	J		<0.0056	U		<0.0055	U		<0.0055	U	
		VMP-24-34-072811	7/28/2011	<0.0042	U		<0.0042	U		0.0018	J		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-24-34-110611	11/6/2011	<0.0027	U		<0.0027	U		0.0023	J		<0.0031	U		<0.0031	U		<0.0031	U	
		VMP-24-34-012512	1/25/2012	<0.0033	U		<0.0033	U		0.0013	J		<0.0039	U		<0.0038	U		<0.0038	U	
		VMP-24-34-041012	4/10/2012	<0.0037	U		<0.0037	U		<0.032	U		<0.0043	U		<0.0042	U		<0.0042	U	
		VMP-24-34-071212	7/12/2012	<0.0035	U		<0.0035	U		<0.031	U		<0.0041	U		<0.0041	U		<0.0041	U	
		VMP-24-34-100912	10/9/2012	<0.0055	U		<0.0055	U		0.0017	J		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-24-34-012313	1/23/2013	<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-24-34-050613	5/6/2013	<0.0063	U		<0.0063	U		<0.056	U		<0.0074	U		<0.0073	U		<0.0073	J	U
VMP-31	5 ft	VMP-31-5-042512	4/25/2012	<0.0038	U		<0.0038	U		<0.033	J	U	<0.0044	U		<0.0043	U		<0.0043	J	U
		VMP-31-5-072012	7/20/2012	<0.0038	U		<0.0038	U		0.0021	J		<0.0044	U		<0.0043	U		<0.0043	U	
		VMP-31-5-102612	10/26/2012	<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-31-5-021113	2/11/2013	<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U	
		VMP-31-5-051513	5/15/2013	<0.0058	U		<0.0058	U		<0.051	J	U	<0.0068	U		<0.0067	U		<0.0067	J	U
	10 ft	VMP-31-10-042512	4/25/2012	<0.005	U		<0.005	U		<0.044	J	U	<0.0059	U		<0.0058	U		<0.0058	U	
		VMP-31-10-072612	7/26/2012	<0.0039	U		<0.0039	U		<0.034	J	U	<0.0045	U		<0.0044	U		<0.0044	U	
		VMP-31-10-102612	10/26/2012	<0.0059	U		<0.0059	U		<0.051	J	U	<0.0068	U		<0.0067	U		<0.0067	U	
		VMP-31-10-021313	2/13/2013	<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	J	U
		VMP-31-10-051713	5/17/2013	<0.0064	U		<0.0064	U		<0.056	J	U	<0.0074	U		<0.0073	U		<0.0073	J	U
	20 ft	VMP-31-20-101912	10/19/2012	<5.5	U		<5.5	U		<4.8	U		<6.4	U		<6.3	U		<6.3	U	
		VMP-31-20-021113	2/11/2013	<0.078	U		<0.078	U		<0.068	U		<0.091	U		<0.089	U		<0.089	U	
	30 ft	VMP-31-30-042512	4/25/2012	<1.9	U		<1.9	U		<1.7	U		<2.3	U		<2.2	U		<2.2	U	
		VMP-31-30-042512-Dup	4/25/2012	<1.9	U		<1.9	U		<1.7	U		<2.3	U		<2.2	U		<2.2	U	
		VMP-31-30-072012	7/20/2012	<0.38	U		<0.38	U		<3.3	U		<0.44	U		<0.43	U		<0.43	U	
		VMP-31-30-101912	10/19/2012	<0.34	U		<0.34	U		<0.3	U		<0.4	U		<0.39	U		<0.39	U	
		VMP-31-30-021113	2/11/2013	<5.6	U		<5.6	U		<4.9	U		<6.5	U		<6.4	U		<6.4	U	
		VMP-31-30-050713	5/7/2013	<47	U		<47	U		<410	U		<55	U		<54	U		<54	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 113		
				0.22						1400											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011	<0.019	U		0.024	J	J	0.0059			0.0026	J		<0.01	U		<0.01	U	
		VMP-24-22-041111	4/11/2011	<0.018	U		<0.0095	J	U	<0.0055	U		<0.0062	U		<0.0096	U		<0.0096	U	
		VMP-24-22-072811	7/28/2011	<0.018	U		0.034			0.0013	J		0.0019	J		<0.0096	U		<0.0096	U	
		VMP-24-22-072811-Dup	7/28/2011	<0.021	U		0.028			0.0015	J		<0.0071	U		<0.011	U		<0.011	U	
		VMP-24-22-110611	11/6/2011	<0.013	U		0.031			0.001	J		0.00058	J		<0.0067	U		<0.0067	U	
		VMP-24-22-012512	1/25/2012	<0.012	U		0.023			<0.0036	U		<0.004	U		<0.0063	U		<0.0063	U	
		VMP-24-22-041012	4/10/2012	<0.013	U		0.03			0.0018	J		<0.0044	U		<0.0068	U		<0.0068	U	
		VMP-24-22-071212	7/12/2012	0.015	J		0.033			0.0019	J		<0.0053	J	U	<0.0083	U		<0.0083	U	
		VMP-24-22-100912	10/9/2012	<0.019	U		<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.01	U	
		VMP-24-22-012313	1/23/2013	<0.02	U		0.0039	J		<0.0061	U		<0.0069	U		<0.011	U		<0.011	U	
		VMP-24-22-042513	4/25/2013	<0.019	U		<0.01	J	U	0.0087			<0.0066	J	U	<0.01	U		<0.01	U	
		VMP-24-22-042513-Dup	4/25/2013	<0.021	U		<0.011	J	U	0.0035	J		<0.0073	J	U	<0.011	U		<0.011	U	
	34 ft	VMP-24-34-021711	2/17/2011	<0.019	U		0.032	J	J	<0.0058	U		<0.0066	U		<0.01	U		<0.01	U	
		VMP-24-34-041111	4/11/2011	<0.017	U		0.011			<0.0052	U		<0.0059	U		<0.0093	U		<0.0093	U	
		VMP-24-34-072811	7/28/2011	<0.015	U		0.034			0.0017	J		0.002	J		<0.0082	U		<0.0082	U	
		VMP-24-34-110611	11/6/2011	<0.0098	U		0.038			0.0011	J		0.0013	J		<0.0052	U		<0.0052	U	
		VMP-24-34-012512	1/25/2012	<0.012	U		0.016			<0.0036	U		<0.0041	U		<0.0064	U		<0.0064	U	
		VMP-24-34-041012	4/10/2012	<0.013	U		0.048			0.004	J		<0.0046	U		<0.0072	U		<0.0072	U	
		VMP-24-34-071212	7/12/2012	<0.013	U		0.06			0.0027	J		<0.0044	J	U	<0.0068	U		<0.0068	U	
		VMP-24-34-100912	10/9/2012	<0.02	U		0.0059	J		<0.006	U		<0.0068	U		<0.01	U		<0.01	U	
		VMP-24-34-012313	1/23/2013	<0.021	U		0.0022	J		<0.0063	U		<0.0071	U		<0.011	U		<0.011	U	
		VMP-24-34-050613	5/6/2013	<0.023	U		<0.012	U		<0.0069	U		<0.0079	U		<0.012	U		<0.012	U	
VMP-31	5 ft	VMP-31-5-042512	4/25/2012	<0.014	U		0.083			0.0043			0.0022	J		<0.0073	U		<0.0073	U	
		VMP-31-5-072012	7/20/2012	<0.014	U		0.033			<0.0041	U		<0.0047	U		<0.0073	U		<0.0073	U	
		VMP-31-5-102612	10/26/2012	<0.02	U		0.04			<0.006	U		0.00084	J		<0.01	U		<0.01	U	
		VMP-31-5-021113	2/11/2013	<0.018	U		0.018			0.012			0.018			<0.0099	U		<0.0099	U	
		VMP-31-5-051513	5/15/2013	<0.021	U		0.0069	J		<0.0064	U		<0.0072	U		<0.011	U		<0.011	U	
	10 ft	VMP-31-10-042512	4/25/2012	<0.018	U		0.083			0.0035	J		0.002	J		<0.0098	U		<0.0098	U	
		VMP-31-10-072612	7/26/2012	<0.014	U		0.012			0.004	J		0.0022	J		<0.0075	U		<0.0075	U	
		VMP-31-10-102612	10/26/2012	<0.021	U		0.049			<0.0064	U		<0.0073	U		<0.011	U		<0.011	U	
		VMP-31-10-021313	2/13/2013	<0.02	U		0.0079	J		0.013			0.012			<0.011	U		<0.011	U	
		VMP-31-10-051713	5/17/2013	<0.023	U		<0.012	U		<0.007	U		<0.0079	U		<0.012	U		<0.012	U	
	20 ft	VMP-31-20-101912	10/19/2012	<20	U		<10	U		<6	U		<6.8	U		<10	U		<10	U	
		VMP-31-20-021113	2/11/2013	0.05	J		0.42			<0.086	U		<0.097	U		<0.15	U		<0.15	U	
	30 ft	VMP-31-30-042512	4/25/2012	<7.1	U		<3.7	U		3			0.54	J		<3.8	U		<3.8	U	
		VMP-31-30-042512-Dup	4/25/2012	<7.1	U		<3.7	U		3.2			0.6	J		<3.8	U		<3.8	U	
		VMP-31-30-072012	7/20/2012	<1.4	U		<0.72	U		<0.41	U		<0.47	U		<0.73	U		<0.73	U	
		VMP-31-30-101912	10/19/2012	<1.2	U		<0.65	U		<0.37	U		<0.42	U		<0.66	U		<0.66	U	
		VMP-31-30-021113	2/11/2013	<20	U		<11	U		<6.1	U		<6.9	U		<11	U		<11	U	
		VMP-31-30-050713	5/7/2013	<170	U		<90	U		77			26	J		<91	U		<91	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Freon 114			Heptadecane			Heptane			Hexachlorobutadiene			Hexane			Hexane, 2,2,4-trimethyl-		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011	<0.0094	U					0.053			<0.057	U		0.11					
		VMP-24-22-041111	4/11/2011	<0.0088	U					<0.0052	U		<0.054	U		0.0018	J				
		VMP-24-22-072811	7/28/2011	<0.0088	U					<0.0052	U		<0.054	U		0.00091	J				
		VMP-24-22-072811-Dup	7/28/2011	<0.01	U					<0.0059	U		<0.062	U		0.00098	J				
		VMP-24-22-110611	11/6/2011	<0.0061	U					0.0021	J		<0.037	U		0.0027	J				
		VMP-24-22-012512	1/25/2012	<0.0057	U					<0.0034	U		<0.035	U		<0.0029	U				
		VMP-24-22-041012	4/10/2012	<0.0062	U					0.0074			0.012	J		0.015					
		VMP-24-22-071212	7/12/2012	<0.0076	U					0.0016	J		<0.046	U		0.0019	J				
		VMP-24-22-100912	10/9/2012	<0.0094	U					<0.0055	U		<0.057	U		0.0011	J				
		VMP-24-22-012313	1/23/2013	<0.0098	U					<0.0058	U		<0.06	U		<0.005	U				
		VMP-24-22-042513	4/25/2013	<0.0094	U					0.017			<0.058	U		0.018					
		VMP-24-22-042513-Dup	4/25/2013	<0.01	U					0.01			<0.063	U		0.01					
	34 ft	VMP-24-34-021711	2/17/2011	<0.0094	U					0.0022	J		<0.057	U		0.0018	J				
		VMP-24-34-041111	4/11/2011	<0.0084	U					<0.005	U		<0.052	U		0.0016	J				
		VMP-24-34-072811	7/28/2011	<0.0074	U					0.0016	J		<0.045	U		0.0019	J				
		VMP-24-34-110611	11/6/2011	<0.0048	U					0.0017	J		<0.029	U		<0.0024		U			
		VMP-24-34-012512	1/25/2012	<0.0059	U					<0.0034	U		<0.036	U		<0.003	U				
		VMP-24-34-041012	4/10/2012	<0.0065	U					0.012			<0.04	U		0.0065					
		VMP-24-34-071212	7/12/2012	<0.0062	U					0.0023	J		<0.038	U		0.0028	J				
		VMP-24-34-100912	10/9/2012	<0.0096	U					0.003	J		<0.059	U		0.0034	J				
		VMP-24-34-012313	1/23/2013	<0.01	U					<0.0059	U		<0.062	U		<0.0051	U				
		VMP-24-34-050613	5/6/2013	<0.011	U					0.0058	J		<0.068	U		0.0056					
VMP-31	5 ft	VMP-31-5-042512	4/25/2012	<0.0067	U					0.0026	J		<0.041	U		0.0015	J				
		VMP-31-5-072012	7/20/2012	<0.0067	U					<0.0039	U		<0.041	U		<0.0034	U				
		VMP-31-5-102612	10/26/2012	<0.0096	U					0.011			<0.059	U		0.021					
		VMP-31-5-021113	2/11/2013	<0.009	U					0.0071			<0.055	U		0.011					
		VMP-31-5-051513	5/15/2013	<0.01	U					<0.006	U		<0.063	U		0.0019	J				
	10 ft	VMP-31-10-042512	4/25/2012	<0.0089	U					0.01			<0.054	U		0.021					
		VMP-31-10-072612	7/26/2012	<0.0068	U					0.0037	J		<0.042	U		0.0013	J				
		VMP-31-10-102612	10/26/2012	<0.01	U					<0.0061	U		<0.063	U		0.0019	J				
		VMP-31-10-021313	2/13/2013	<0.0098	U					0.0075			<0.06	U		0.016					
		VMP-31-10-051713	5/17/2013	<0.011	U					<0.0066	U		<0.069	U		<0.0057	J	U			
	20 ft	VMP-31-20-101912	10/19/2012	<9.6	U					<5.6	U		<59	U		2	J				
		VMP-31-20-021113	2/11/2013	<0.14	U					<0.081	U		<0.84	U		<0.069	U				
	30 ft	VMP-31-30-042512	4/25/2012	<3.4	U					16			<21	U		180					
		VMP-31-30-042512-Dup	4/25/2012	<3.4	U					19			<21	U		210					
		VMP-31-30-072012	7/20/2012	<0.67	U					<0.39	U		<4.1	U		2.6					
		VMP-31-30-101912	10/19/2012	<0.6	U					<0.35	U		<3.7	U		0.28	J				
		VMP-31-30-021113	2/11/2013	<9.8	U					<5.8	U		<60	U		<5	U				
		VMP-31-30-050713	5/7/2013	<83	U					190			<510	U		2400					

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Hexane, 3,4-dimethyl-			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
													600						3400		
				Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011				<0.022	U					<0.0066	J	U	<0.0055	U		<0.0048	U	
		VMP-24-22-041111	4/11/2011				<0.021	U		0.0062	J		<0.0062	U		<0.0052	U		<0.0045	U	
		VMP-24-22-072811	7/28/2011				<0.021	U		<0.015	U		0.019			0.042			<0.0045	U	
		VMP-24-22-072811-Dup	7/28/2011				<0.024	U		<0.017	U		0.018			0.041			<0.0052	U	
		VMP-24-22-110611	11/6/2011				<0.014	U		0.08			0.0028	J		0.021			<0.0032	U	
		VMP-24-22-012512	1/25/2012				<0.013	U		<0.0097	U		0.005			0.018			<0.003	U	
		VMP-24-22-041012	4/10/2012				<0.015	U		0.11			<0.0044	U		0.0018	J		<0.0032	U	
		VMP-24-22-071212	7/12/2012				<0.018	J	U	0.0052	J		0.023			0.1			<0.0039	U	
		VMP-24-22-100912	10/9/2012				<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U	
		VMP-24-22-012313	1/23/2013				<0.023	U		0.011	J		<0.0069	U		<0.0058	U		<0.0051	U	
		VMP-24-22-042513	4/25/2013				<0.022	U		0.027			<0.0066	U		<0.0055	U		<0.0049	U	
		VMP-24-22-042513-Dup	4/25/2013				<0.024	U		0.016	J		<0.0073	U		<0.0061	U		<0.0053	U	
	34 ft	VMP-24-34-021711	2/17/2011				<0.022	U					<0.0066	U		<0.0055	U		<0.0048	U	
		VMP-24-34-041111	4/11/2011				<0.02	U		0.0049	J		<0.0059	U		<0.005	U		0.00059	J	
		VMP-24-34-072811	7/28/2011				<0.017	U		<0.012	U		0.016			0.053			<0.0038	U	
		VMP-24-34-110611	11/6/2011				0.00049	J		0.012			0.0016	J		0.012			<0.0024	U	
		VMP-24-34-012512	1/25/2012				<0.014	U		0.0029	J		0.0063			0.035			<0.003	U	
		VMP-24-34-041012	4/10/2012				<0.015	U		0.013			0.016			0.045			<0.0034	U	
		VMP-24-34-071212	7/12/2012				0.0022	J		0.007	J		0.024			0.12			<0.0032	U	
		VMP-24-34-100912	10/9/2012				<0.023	U		0.013	J		<0.0068	U		<0.0056	U		<0.005	U	
		VMP-24-34-012313	1/23/2013				<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U	
		VMP-24-34-050613	5/6/2013				<0.026	U		0.0068	J		<0.0079	U		<0.0066	U		<0.0058	U	
VMP-31	5 ft	VMP-31-5-042512	4/25/2012				<0.016	U		0.0029	J		0.021			0.079			<0.0034	U	
		VMP-31-5-072012	7/20/2012				0.0016	J		<0.011	U		0.0022	J		0.017			<0.0034	U	
		VMP-31-5-102612	10/26/2012				<0.023	U		0.2			0.026			0.09			<0.005	U	
		VMP-31-5-021113	2/11/2013				<0.021	U		0.017			0.0022	J		0.0029	J		<0.0046	U	
		VMP-31-5-051513	5/15/2013				0.0017	J		0.012	J		<0.0072	U		<0.006	U		<0.0053	U	
	10 ft	VMP-31-10-042512	4/25/2012				<0.021	U		0.13			0.019			0.072			<0.0046	U	
		VMP-31-10-072612	7/26/2012				<0.016	U		<0.012	U		0.04			0.1			<0.0035	U	
		VMP-31-10-102612	10/26/2012				<0.024	U		0.057			0.02			0.11			<0.0053	U	
		VMP-31-10-021313	2/13/2013				<0.023	U		0.12			0.0026	J		0.0033	J		<0.0051	U	
		VMP-31-10-051713	5/17/2013				<0.026	U		<0.019	U		<0.0079	U		<0.0066	U		<0.0058	U	
	20 ft	VMP-31-20-101912	10/19/2012				<23	U		25			<6.8	U		<5.6	U		<5	U	
		VMP-31-20-021113	2/11/2013				<0.32	U		13			<0.097	U		<0.32	U		<0.071	U	
	30 ft	VMP-31-30-042512	4/25/2012				<8	U		1100			0.66	J		<2	U		<1.8	U	
		VMP-31-30-042512-Dup	4/25/2012				<8	U		1200			0.75	J		<2	U		<1.8	U	
		VMP-31-30-072012	7/20/2012				<1.6	U		46			<0.47	U		<0.39	U		<0.34	U	
		VMP-31-30-101912	10/19/2012				<1.4	U		34			<0.42	U		<0.35	U		<0.31	U	
		VMP-31-30-021113	2/11/2013				<23	U		1400			<6.9	U		<23	U		<5.1	U	
		VMP-31-30-050713	5/7/2013				<190	U		9200			<58	U		<49	U		<43	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Pentane, 2,2,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,4-dimethyl-			Pentane, 2-methyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011																	
		VMP-24-22-041111	4/11/2011																	
		VMP-24-22-072811	7/28/2011																	
		VMP-24-22-072811-Dup	7/28/2011																	
		VMP-24-22-110611	11/6/2011																	
		VMP-24-22-012512	1/25/2012																	
		VMP-24-22-041012	4/10/2012																	
		VMP-24-22-071212	7/12/2012																	
		VMP-24-22-100912	10/9/2012																	
		VMP-24-22-012313	1/23/2013																	
		VMP-24-22-042513	4/25/2013																	
		VMP-24-22-042513-Dup	4/25/2013																	
	34 ft	VMP-24-34-021711	2/17/2011																	
		VMP-24-34-041111	4/11/2011																	
		VMP-24-34-072811	7/28/2011																	
		VMP-24-34-110611	11/6/2011																	
		VMP-24-34-012512	1/25/2012																	
		VMP-24-34-041012	4/10/2012																	
		VMP-24-34-071212	7/12/2012																	
		VMP-24-34-100912	10/9/2012																	
		VMP-24-34-012313	1/23/2013																	
		VMP-24-34-050613	5/6/2013																	
VMP-31	5 ft	VMP-31-5-042512	4/25/2012																	
		VMP-31-5-072012	7/20/2012																	
		VMP-31-5-102612	10/26/2012																	
		VMP-31-5-021113	2/11/2013																	
		VMP-31-5-051513	5/15/2013																	
	10 ft	VMP-31-10-042512	4/25/2012																	
		VMP-31-10-072612	7/26/2012																	
		VMP-31-10-102612	10/26/2012																	
		VMP-31-10-021313	2/13/2013																	
		VMP-31-10-051713	5/17/2013																	
	20 ft	VMP-31-20-101912	10/19/2012																	
		VMP-31-20-021113	2/11/2013																	
	30 ft	VMP-31-30-042512	4/25/2012																	
		VMP-31-30-042512-Dup	4/25/2012																	
		VMP-31-30-072012	7/20/2012																	
		VMP-31-30-101912	10/19/2012																	
		VMP-31-30-021113	2/11/2013																	
		VMP-31-30-050713	5/7/2013																	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrachloroethene		
										1400						0.55			0.55		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011	0.0063	J		<0.0066	J	U	<0.0057	U		<0.0092	U		0.0014	J		0.0014	J	
		VMP-24-22-041111	4/11/2011	<0.012	U		<0.0062	U		<0.0054	U		<0.0086	U		0.0025	J		0.0025	J	
		VMP-24-22-072811	7/28/2011	0.014			0.00067	J		0.0014	J		<0.0086	U		<0.0085	U		<0.0085	U	
		VMP-24-22-072811-Dup	7/28/2011	0.014			0.00064	J		0.0013	J		<0.0099	U		<0.0098	U		<0.0098	U	
		VMP-24-22-110611	11/6/2011	0.02			<0.0043	U		0.00052	J		<0.006	U		<0.0059	J	U	<0.0059	J	U
		VMP-24-22-012512	1/25/2012	0.0078	J		<0.004	U		<0.0035	U		<0.0056	U		<0.0056	U		<0.0056	U	
		VMP-24-22-041012	4/10/2012	0.21			<0.0044	U		<0.0038	U		<0.0061	U		<0.0061	U		<0.0061	U	
		VMP-24-22-071212	7/12/2012	0.03			<0.0053	U		<0.0046	J	U	<0.0074	U		<0.0074	U		<0.0074	U	
		VMP-24-22-100912	10/9/2012	0.051			<0.0066	U		<0.0057	U		<0.0092	U		<0.0091	U		<0.0091	U	
		VMP-24-22-012313	1/23/2013	0.0098	J		<0.0069	U		<0.006	U		<0.0097	U		<0.0096	J	U	<0.0096	J	U
		VMP-24-22-042513	4/25/2013	<0.013	U		<0.0066	U		<0.0058	U		<0.0093	U		<0.0092	U		<0.0092	U	
		VMP-24-22-042513-Dup	4/25/2013	<0.014	U		<0.0073	U		<0.0063	U		<0.01	U		<0.01	U		<0.01	U	
	34 ft	VMP-24-34-021711	2/17/2011	0.0026	J		<0.0066	U		<0.0057	U		<0.0092	U		<0.0091	U		<0.0091	U	
		VMP-24-34-041111	4/11/2011	0.0052	J		<0.0059	U		<0.0052	U		<0.0083	U		0.0021	J		0.0021	J	
		VMP-24-34-072811	7/28/2011	0.02			0.00058	J		0.0015	J		<0.0073	U		<0.0072	U		<0.0072	U	
		VMP-24-34-110611	11/6/2011	0.017			0.00035	J		<0.0029	U		<0.0047	U		<0.0046	J	U	<0.0046	J	U
		VMP-24-34-012512	1/25/2012	0.0084			<0.0041	U		<0.0036	U		<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-24-34-041012	4/10/2012	0.049			0.0025	J		0.0012	J		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-24-34-071212	7/12/2012	0.053			<0.0044	J	U	<0.0038	J	U	<0.0061	U		<0.0061	U		<0.0061	U	
		VMP-24-34-100912	10/9/2012	0.07			<0.0068	U		<0.0059	U		<0.0095	U		<0.0094	U		<0.0094	U	
		VMP-24-34-012313	1/23/2013	0.0032	J		<0.0071	U		<0.0062	U		<0.0099	U		<0.0098	J	U	<0.0098	J	U
		VMP-24-34-050613	5/6/2013	<0.016	U		<0.0079	U		<0.0068	U		<0.011	U		<0.011	J	U	<0.011	J	U
VMP-31	5 ft	VMP-31-5-042512	4/25/2012	0.039			<0.0047	U		0.0031	J		<0.0066	U		<0.0065	J	U	<0.0065	J	U
		VMP-31-5-072012	7/20/2012	0.021			0.00036	J		<0.0041	U		<0.0066	U		<0.0065	U		<0.0065	U	
		VMP-31-5-102612	10/26/2012	0.062		J	0.00077	J		0.00068	J		<0.0095	U		<0.0094	U		<0.0094	U	
		VMP-31-5-021113	2/11/2013	0.064			0.0057	J		<0.0055	U		<0.0088	U		<0.0088	J	U	<0.0088	J	U
		VMP-31-5-051513	5/15/2013	0.0094	J		<0.0072	U		<0.0063	U		<0.01	U		<0.01	U		<0.01	U	
	10 ft	VMP-31-10-042512	4/25/2012	0.033			<0.0063	J	U	0.0032	J		<0.0088	U		0.0051	J		0.0051	J	
		VMP-31-10-072612	7/26/2012	0.012			0.00094	J		0.0035	J		<0.0067	U		0.0018	J		0.0018	J	
		VMP-31-10-102612	10/26/2012	0.12		J	0.0012	J		<0.0063	U		<0.01	U		<0.01	U		<0.01	U	
		VMP-31-10-021313	2/13/2013	<0.014	U		0.0042	J		<0.006	U		<0.0097	U		<0.0096	U		<0.0096	U	
		VMP-31-10-051713	5/17/2013	0.0056	J		<0.0079	U		<0.0068	U		<0.011	J	U	<0.011	J	U	<0.011	J	U
	20 ft	VMP-31-20-101912	10/19/2012	<14	U		<6.8	U		<5.9	U		<9.5	U		<9.4	U		<9.4	U	
		VMP-31-20-021113	2/11/2013	0.049	J		<0.097	U		<0.084	U		<0.14	U		<0.13	U		<0.13	U	
	30 ft	VMP-31-30-042512	4/25/2012	<4.8	U		1.2	J		<2.1	U		<3.4	U		<3.3	U		<3.3	U	
		VMP-31-30-042512-Dup	4/25/2012	<4.8	U		1.3	J		<2.1	U		<3.4	U		<3.3	U		<3.3	U	
		VMP-31-30-072012	7/20/2012	<0.94	U		<0.47	U		<0.41	U		<0.66	U		<0.65	U		<0.65	U	
		VMP-31-30-101912	10/19/2012	<0.84	U		<0.42	U		<0.37	U		<0.59	U		<0.58	U		<0.58	U	
		VMP-31-30-021113	2/11/2013	<14	U		<6.9	U		<6	U		<9.7	U		<9.6	U		<9.6	U	
		VMP-31-30-050713	5/7/2013	<120	U		<58	U		<51	U		<82	U		<81	U		<81	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							6200			11			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011	<0.004	U		0.0049	J		<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U	
		VMP-24-22-041111	4/11/2011	<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	J	U
		VMP-24-22-072811	7/28/2011	<0.0037	U		0.006			0.0039	J		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-24-22-072811-Dup	7/28/2011	0.0042			0.009			<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U	
		VMP-24-22-110611	11/6/2011	<0.0026	U		0.011			<0.026	U		<0.0048	U		<0.0048	U		<0.0047	J	U
		VMP-24-22-012512	1/25/2012	<0.0024	U		0.0034			<0.024	U		<0.0045	U		<0.0045	U		<0.0044	U	
		VMP-24-22-041012	4/10/2012	0.032			0.066			0.015	J		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-24-22-071212	7/12/2012	0.0012	J		0.034			<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-24-22-100912	10/9/2012	<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U	
		VMP-24-22-012313	1/23/2013	<0.0042	U		<0.0053	J	U	<0.042	U		<0.0077	U		<0.0077	U		<0.0076	U	
		VMP-24-22-042513	4/25/2013	<0.004	U		0.0064			<0.04	U		<0.0074	U		<0.0074	U		<0.0072	U	
		VMP-24-22-042513-Dup	4/25/2013	<0.0044	U		0.0037	J		<0.044	U		<0.0081	U		<0.0081	U		<0.008	U	
	34 ft	VMP-24-34-021711	2/17/2011	0.0014	J		<0.0051	J	U	<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U	
		VMP-24-34-041111	4/11/2011	<0.0036	U		0.00092	J		<0.036	U		<0.0066	U		<0.0066	U		0.003	J	
		VMP-24-34-072811	7/28/2011	<0.0031	U		0.0081			<0.032	U		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-24-34-110611	11/6/2011	0.002	J		0.027			<0.02	U		<0.0037	U		<0.0037	U		<0.0036	J	U
		VMP-24-34-012512	1/25/2012	<0.0025	U		0.0051			0.0045	J		<0.0046	U		<0.0046	U		0.0014	J	
		VMP-24-34-041012	4/10/2012	0.0033			0.02			<0.028	U		<0.0051	U		<0.0051	U		0.0076		
		VMP-24-34-071212	7/12/2012	0.0013	J		0.038			<0.026	U		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-24-34-100912	10/9/2012	<0.0041	U		0.0019	J		<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-24-34-012313	1/23/2013	<0.0043	U		<0.0054	J	U	<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U	
		VMP-24-34-050613	5/6/2013	<0.0047	U		0.034			<0.047	J	U	<0.0087	U		<0.0087	U		<0.0086	U	
VMP-31	5 ft	VMP-31-5-042512	4/25/2012	0.0046			0.02			<0.028	U		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-31-5-072012	7/20/2012	0.0013	J		0.0099			<0.028	U		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-31-5-102612	10/26/2012	0.002	J		0.0099			<0.1	U	UJ	<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-31-5-021113	2/11/2013	<0.0038	U		0.011			<0.038	J	U	<0.007	U		<0.007	U		<0.0069	U	
		VMP-31-5-051513	5/15/2013	<0.0043	U		0.0019	J		<0.044	U		<0.008	U		<0.008	U		<0.0079	U	
	10 ft	VMP-31-10-042512	4/25/2012	0.03			0.018			<0.038	U		<0.007	U		<0.007	U		<0.0068	U	
		VMP-31-10-072612	7/26/2012	<0.0029	U		0.061			<0.029	U		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-31-10-102612	10/26/2012	0.001	J		0.0065			<0.11	U	UJ	<0.0081	U		<0.0081	U		<0.008	U	
		VMP-31-10-021313	2/13/2013	<0.0042	U		0.016			<0.042	U		<0.0077	U		<0.0077	U		<0.0076	U	
		VMP-31-10-051713	5/17/2013	<0.0047	U		<0.0061	J	U	<0.048	J	U	<0.0088	U		<0.0088	U		<0.0086	U	
	20 ft	VMP-31-20-101912	10/19/2012	<4.1	U		0.66	J		<41	U		<7.5	U		<7.5	U		<7.4	U	
		VMP-31-20-021113	2/11/2013	<0.058	U		<0.074	U		<0.58	U		<0.11	U		<0.11	U		<0.1	U	
	30 ft	VMP-31-30-042512	4/25/2012	<1.4	U		1.4	J		<14	U		<2.7	U		<2.7	U		<2.6	U	
		VMP-31-30-042512-Dup	4/25/2012	<1.4	U		1.5	J		<14	U		<2.7	U		<2.7	U		<2.6	U	
		VMP-31-30-072012	7/20/2012	<0.28	U		<0.36	U		<2.8	U		<0.52	U		<0.52	U		<0.51	U	
		VMP-31-30-101912	10/19/2012	<0.25	U		0.087	J		<2.6	U		<0.47	U		<0.47	U		<0.46	U	
		VMP-31-30-021113	2/11/2013	<4.2	U		1.6	J		<42	U		<7.7	U		<7.7	U		<7.6	U	
		VMP-31-30-050713	5/7/2013	<35	U		72			<350	U		<65	U		<65	U		<64	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride		
				860			860												0.29		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011	0.0018	J		0.0018	J		<0.0066	J	U	<0.0066	U		0.54			<0.0034	U	
		VMP-24-22-041111	4/11/2011	0.0022	J		0.0022	J		<0.0062	U		<0.0062	U		0.00094	J		<0.0032	U	
		VMP-24-22-072811	7/28/2011	0.0019	J		0.0019	J		0.0026	J		0.0011	J		0.00081	J		<0.0032	U	
		VMP-24-22-072811-Dup	7/28/2011	0.002	J		0.002	J		0.0027	J		0.00076	J		0.0014	J		<0.0037	U	
		VMP-24-22-110611	11/6/2011	0.0015	J		0.0015	J		<0.0043	U		<0.0043	U		0.01			<0.0022	U	
		VMP-24-22-012512	1/25/2012	0.0022	J		0.0022	J		<0.004	U		<0.004	U		<0.0038	U		<0.0021	U	
		VMP-24-22-041012	4/10/2012	0.002	J		0.002	J		0.0021	J		<0.0044	U		0.051			<0.0023	U	
		VMP-24-22-071212	7/12/2012	<0.0061	U		<0.0061	U		0.0036	J		<0.0053	U		<0.0051	U		<0.0028	U	
		VMP-24-22-100912	10/9/2012	0.0015	J		0.0015	J		<0.0066	U		<0.0066	U		0.0034	J		<0.0034	U	
		VMP-24-22-012313	1/23/2013	0.0017	J		0.0017	J		<0.0069	U		<0.0069	U		0.01			<0.0036	U	
		VMP-24-22-042513	4/25/2013	0.0017	J		0.0017	J		<0.0066	U		<0.0066	U		0.014			<0.0034	U	
		VMP-24-22-042513-Dup	4/25/2013	0.0017	J		0.0017	J		<0.0073	U		<0.0073	U		0.0076			<0.0038	U	
	34 ft	VMP-24-34-021711	2/17/2011	0.0022	J		0.0022	J		<0.0066	U		<0.0066	U		0.024			<0.0034	U	
		VMP-24-34-041111	4/11/2011	0.0021	J		0.0021	J		<0.0059	U		<0.0059	U		0.0012	J		<0.0031	U	
		VMP-24-34-072811	7/28/2011	0.0016	J		0.0016	J		0.0025	J		0.0008	J		0.0035	J		<0.0027	U	
		VMP-24-34-110611	11/6/2011	0.0016	J		0.0016	J		<0.0033	U		0.00036	J		0.0088			<0.0017	U	
		VMP-24-34-012512	1/25/2012	0.0027	J		0.0027	J		<0.0041	U		<0.0041	U		<0.0039	U		<0.0021	U	
		VMP-24-34-041012	4/10/2012	<0.0052	U		<0.0052	U		<0.0046	U		<0.0046	U		0.053			<0.0024	U	
		VMP-24-34-071212	7/12/2012	0.0014	J		0.0014	J		0.0053			0.00088	J		<0.0042	U		<0.0023	U	
		VMP-24-34-100912	10/9/2012	0.0017	J		0.0017	J		<0.0068	U		<0.0068	U		0.042			<0.0035	U	
		VMP-24-34-012313	1/23/2013	0.0018	J		0.0018	J		<0.0071	U		<0.0071	U		0.0081			<0.0037	U	
		VMP-24-34-050613	5/6/2013	0.0014	J		0.0014	J		<0.0079	U		<0.0079	U		0.0036	J		<0.0041	U	
VMP-31	5 ft	VMP-31-5-042512	4/25/2012	0.0014	J		0.0014	J		<0.0047	J	U	<0.0047	J	U	0.00098	J		<0.0024	U	
		VMP-31-5-072012	7/20/2012	0.0011	J		0.0011	J		0.00088	J		<0.0047	U		<0.0045	U		<0.0024	U	
		VMP-31-5-102612	10/26/2012	<0.0078	U		<0.0078	U		0.002	J		<0.0068	U		0.093			<0.0035	U	
		VMP-31-5-021113	2/11/2013	0.0013	J		0.0013	J		0.014			0.0053	J		0.013			<0.0033	U	
		VMP-31-5-051513	5/15/2013	0.0015	J		0.0015	J		<0.0072	U		<0.0072	U		0.0075			<0.0038	U	
	10 ft	VMP-31-10-042512	4/25/2012	0.0012	J		0.0012	J		<0.0063	J	U	<0.0063	J	U	0.029			<0.0032	U	
		VMP-31-10-072612	7/26/2012	0.0012	J		0.0012	J		0.0028	J		0.0012	J		<0.0046	U		<0.0025	U	
		VMP-31-10-102612	10/26/2012	<0.0083	U		<0.0083	U		0.0021	J		<0.0073	U		0.095			<0.0038	U	
		VMP-31-10-021313	2/13/2013	<0.0079	U		<0.0079	U		0.008	J	J	0.0036	J		0.05			<0.0036	U	
		VMP-31-10-051713	5/17/2013	<0.009	U		<0.009	U		<0.0079	J	U	<0.0079	U		0.0032	J		<0.0041	U	
	20 ft	VMP-31-20-101912	10/19/2012	<7.8	U		<7.8	U		<6.8	U		<6.8	U		960			<3.5	U	
		VMP-31-20-021113	2/11/2013	<0.11	U		<0.11	U		<0.097	U		<0.097	U		87			<0.05	U	
	30 ft	VMP-31-30-042512	4/25/2012	<2.8	U		<2.8	U		0.42	J		<2.4	U		220			<1.2	U	
		VMP-31-30-042512-Dup	4/25/2012	<2.8	U		<2.8	U		0.44	J		<2.4	U		240			<1.2	U	
		VMP-31-30-072012	7/20/2012	<0.54	U		<0.54	U		<0.47	U		<0.47	U		17			<0.24	U	
		VMP-31-30-101912	10/19/2012	<0.48	U		<0.48	U		<0.42	U		<0.42	U		17			<0.22	U	
		VMP-31-30-021113	2/11/2013	<7.9	U		<7.9	U		<6.9	U		<6.9	U		400			<3.6	U	
		VMP-31-30-050713	5/7/2013	<67	U		<67	U		20	J		<58	U		2100			<30	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	m,p-Xylenes			o-Xylenes			Isobutane			Isobutane			Pentane		
				130			120											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011	0.0084			0.003	J										
		VMP-24-22-041111	4/11/2011	<0.0055	U		<0.0055	U										
		VMP-24-22-072811	7/28/2011	0.0041	J		0.0014	J										
		VMP-24-22-072811-Dup	7/28/2011	0.0039	J		0.0012	J										
		VMP-24-22-110611	11/6/2011	0.0022	J		0.00069	J										
		VMP-24-22-012512	1/25/2012	0.0011	J		<0.0036	U										
		VMP-24-22-041012	4/10/2012	0.0031	J		<0.0039	U										
		VMP-24-22-071212	7/12/2012	0.0054			0.0017	J										
		VMP-24-22-100912	10/9/2012	<0.0058	U		<0.0058	U										
		VMP-24-22-012313	1/23/2013	<0.0061	U		<0.0061	U										
		VMP-24-22-042513	4/25/2013	0.016			0.0078											
		VMP-24-22-042513-Dup	4/25/2013	0.0055	J		0.0032	J										
	34 ft	VMP-24-34-021711	2/17/2011	<0.0058	U		<0.0058	U										
		VMP-24-34-041111	4/11/2011	<0.0052	U		<0.0052	U										
		VMP-24-34-072811	7/28/2011	0.004	J		0.0016	J										
		VMP-24-34-110611	11/6/2011	0.0028	J		0.0012	J										
		VMP-24-34-012512	1/25/2012	0.0013	J		0.00053	J										
		VMP-24-34-041012	4/10/2012	0.0053			0.0018	J										
		VMP-24-34-071212	7/12/2012	0.0067			0.0021	J										
		VMP-24-34-100912	10/9/2012	<0.006	U		<0.006	U										
		VMP-24-34-012313	1/23/2013	<0.0063	U		<0.0063	U										
		VMP-24-34-050613	5/6/2013	0.0039	J		<0.0069	U										
VMP-31	5 ft	VMP-31-5-042512	4/25/2012	0.011			0.0035	J										
		VMP-31-5-072012	7/20/2012	0.0017	J		<0.0041	U										
		VMP-31-5-102612	10/26/2012	0.003	J		<0.006	U										
		VMP-31-5-021113	2/11/2013	0.033			0.015											
		VMP-31-5-051513	5/15/2013	<0.0064	U		<0.0064	U										
	10 ft	VMP-31-10-042512	4/25/2012	0.007			0.0031	J										
		VMP-31-10-072612	7/26/2012	0.011			0.0033	J										
		VMP-31-10-102612	10/26/2012	0.0026	J		<0.0064	U										
		VMP-31-10-021313	2/13/2013	0.041			0.016											
		VMP-31-10-051713	5/17/2013	<0.007	J	U	<0.007	U										
	20 ft	VMP-31-20-101912	10/19/2012	0.69	J		<6	U										
		VMP-31-20-021113	2/11/2013	<0.086	U		<0.086	U										
	30 ft	VMP-31-30-042512	4/25/2012	2.6			<2.1	U										
		VMP-31-30-042512-Dup	4/25/2012	2.8			<2.1	U										
		VMP-31-30-072012	7/20/2012	<0.41	U		<0.41	U										
		VMP-31-30-101912	10/19/2012	0.087	J		<0.37	U										
		VMP-31-30-021113	2/11/2013	2.1	J		7.2											
		VMP-31-30-050713	5/7/2013	150			43	J										

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene		
				750000			0.37			450000			11			6.9					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-32	5 ft	VMP-32-5-042512	4/25/2012	0.095			0.047			<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U	
		VMP-32-5-072012	7/20/2012	0.12			0.091			<0.0056	U		<0.0087	U		<0.033	U		<0.0018	U	
		VMP-32-5-101812	10/18/2012	0.08			0.0037	J		<0.011	U		<0.016	U		<0.062	U		<0.0035	U	
		VMP-32-5-020513	2/5/2013	0.011	J		0.0042			<0.0084	U		<0.013	U		<0.049	U		<0.0028	U	
		VMP-32-5-050713	5/7/2013	0.018	J		0.009			<0.0091	U		<0.014	U		<0.053	U		<0.003	U	
	10 ft	VMP-32-10-041612	4/16/2012	0.034			0.0032			<0.0057	U		<0.0088	U		<0.033	U		<0.0019	U	
		VMP-32-10-072012	7/20/2012	0.087			0.044			<0.0066	U		<0.01	U		0.0032	J		<0.0022	U	
		VMP-32-10-101812	10/18/2012	0.047			0.026			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U	
		VMP-32-10-020513	2/5/2013	0.0092	J		0.0051			<0.0084	U		<0.013	U		<0.049	U		<0.0028	U	
		VMP-32-10-050713	5/7/2013	0.0087	J		0.002	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U	
	20 ft	VMP-32-20-041612	4/16/2012	0.49			0.034	J		<0.13	U		<0.2	U		<0.76	U		<0.043	U	
		VMP-32-20-072012	7/20/2012	0.13			0.0085			<0.0064	U		<0.0099	U		<0.037	U		<0.0021	U	
		VMP-32-20-101812	10/18/2012	0.051			0.0014	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
		VMP-32-20-020513	2/5/2013	0.0099	J		0.0027	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U	
		VMP-32-20-050713	5/7/2013	0.0087	J		0.0068			<0.01	U		<0.016	U		<0.06	U		<0.0034	U	
		VMP-32-20-050713-Dup	5/7/2013	0.0087	J		0.0038	J		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U	
	30 ft	VMP-32-30-041612	4/16/2012	<4.4	U		35			<3.1	U		<4.8	U		<1.8	U		<1	U	
		VMP-32-30-072012	7/20/2012	<9.2	U		16			<6.5	U		<10	U		<3.7	U		<2.1	U	
		VMP-32-30-101812	10/18/2012	<0.52	U		0.074	J		<0.37	U		<0.57	U		<0.21	U		<0.12	U	
		VMP-32-30-020513	2/5/2013	<0.54	U		<0.18	U		<0.38	U		<0.58	U		<0.22	U		<0.12	U	
		VMP-32-30-050713	5/7/2013	55		J	41			<9.7	U		<15	U		<56	U		<3.2	U	
VMP-42	10 ft	VMP-42-10-041812	4/18/2012	0.041			0.026		J	<0.0057	U		<0.0088	U		<0.033	J	U	<0.0019	U	
		VMP-42-10-041812-Dup	4/18/2012	0.034			0.02		J	<0.0059	U		<0.009	U		<0.034	U		<0.0019	U	
		VMP-42-20-041812	4/18/2012	13			0.4	J		<3	U		<4.6	U		<17	U		<0.99	U	
		VMP-42-10-071912	7/19/2012	0.053			0.038			<0.0064	U		<0.0099	U		<0.037	U		<0.0021	U	
		VMP-42-10-101212	10/12/2012	0.017	J		0.046			<0.01	U		<0.016	U		<0.06	U		<0.0034	U	
		VMP-42-10-013113	1/31/2013	0.0045	J		0.0023	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U	
		VMP-42-10-043013	4/30/2013	0.0092	J		<0.0049	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U	
		VMP-42-20-043013	4/30/2013	0.0087	J		<0.0049	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U	
	20 ft	VMP-42-20-071912	7/19/2012	0.028			0.038			<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U	
		VMP-42-20-101212	10/12/2012	0.013	J		0.0067			<0.0091	U		<0.014	U		<0.053	U		<0.003	U	
		VMP-42-20-101212-Dup	10/12/2012	0.024	J		0.008			<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
		VMP-42-20-013113	1/31/2013	0.0073	J		0.0063			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U	
	30 ft	VMP-42-30-041912	4/19/2012	<8.9	U		3.1			<6.3	U		<9.7	U		<3.6	U		<2.1	U	
		VMP-42-30-071912	7/19/2012	0.047		J	0.077		J	<0.0059	U		<0.009	U		<0.034	U		<0.0019	U	
		VMP-42-30-101212	10/12/2012	0.031	J		0.011			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
		VMP-42-30-101212-Dup	10/12/2012	0.021	J		0.0072			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
		VMP-42-30-013113	1/31/2013	0.0062	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
		VMP-42-30-043013	4/30/2013	0.0092	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Butane			Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			2-Butanone			Carbon disulfide		
																6400			780		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-32	5 ft	VMP-32-5-042512	4/25/2012	<0.0089	U											0.029			<0.012	J	U
		VMP-32-5-072012	7/20/2012	0.0068	J											0.0061	J		0.0036	J	
		VMP-32-5-101812	10/18/2012	<0.015	U											0.0072	J		<0.02	U	
		VMP-32-5-020513	2/5/2013	<0.012	U											<0.015	U		<0.016	J	U
		VMP-32-5-050713	5/7/2013	<0.013	U											0.013	J		<0.017	J	U
	10 ft	VMP-32-10-041612	4/16/2012	0.007	J											0.024			<0.011	J	U
		VMP-32-10-072012	7/20/2012	<0.0093	U											0.0081	J		<0.012	U	
		VMP-32-10-101812	10/18/2012	0.0045	J											<0.017	U		0.007	J	
		VMP-32-10-020513	2/5/2013	<0.012	U											<0.015	U		<0.016	J	U
		VMP-32-10-050713	5/7/2013	0.0052	J											<0.017	U		<0.018	J	U
	20 ft	VMP-32-20-041612	4/16/2012	<0.19	U											<0.23	U		0.34		
		VMP-32-20-072012	7/20/2012	<0.0091	U											0.0075	J		<0.012	U	
		VMP-32-20-101812	10/18/2012	<0.013	U											<0.016	U		<0.017	U	
		VMP-32-20-020513	2/5/2013	<0.013	U											<0.017	U		<0.018	J	U
		VMP-32-20-050713	5/7/2013	<0.015	U											0.0033	J		<0.019	J	U
		VMP-32-20-050713-Dup	5/7/2013	0.0051	J											0.0026	J		<0.018	J	U
	30 ft	VMP-32-30-041612	4/16/2012	1200												<5.5	U		<1.4	U	
		VMP-32-30-072012	7/20/2012	500												<11	U		<3	U	
		VMP-32-30-101812	10/18/2012	0.15	J											<0.65	U		<0.17	U	
		VMP-32-30-020513	2/5/2013	<0.54	U											<0.67	U		<0.18	U	
		VMP-32-30-050713	5/7/2013	350												<17	U		<18	U	
VMP-42	10 ft	VMP-42-10-041812	4/18/2012	0.0099												0.027			<0.011	J	U
		VMP-42-10-041812-Dup	4/18/2012	0.0064	J											0.026			<0.011	J	U
		VMP-42-20-041812	4/18/2012	320												<5.3	U		8.6		
		VMP-42-10-071912	7/19/2012	0.0052	J	J										0.03			0.0063	J	
		VMP-42-10-101212	10/12/2012	<0.015	U											0.0067	J		<0.019	U	
		VMP-42-10-013113	1/31/2013	<0.013	U											<0.017	U		<0.018	J	U
		VMP-42-10-043013	4/30/2013	<0.014	U											<0.018	U		<0.019	J	U
		VMP-42-20-043013	4/30/2013	<0.014	U											0.0031	J		<0.019	J	U
	20 ft	VMP-42-20-071912	7/19/2012	0.0073	J	J										0.016			0.0068	J	
		VMP-42-20-101212	10/12/2012	<0.013	U											<0.016	U		<0.017	U	
		VMP-42-20-101212-Dup	10/12/2012	0.0049	J											0.0054	J		<0.017	U	
		VMP-42-20-013113	1/31/2013	0.012	J											<0.015	U		<0.016	J	U
	30 ft	VMP-42-30-041912	4/19/2012	1400												<11	U		<2.9	U	
		VMP-42-30-071912	7/19/2012	35	J	J										0.031		J	0.03		J
		VMP-42-30-101212	10/12/2012	0.56												0.005	J		0.018		
		VMP-42-30-101212-Dup	10/12/2012	0.54												<0.017	U		0.018		
		VMP-42-30-013113	1/31/2013	0.33												<0.016	U		0.0061	J	
		VMP-42-30-043013	4/30/2013	0.14												0.0028	J		<0.017	J	U

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane		
				0.21			69			57000						0.11					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-32	5 ft	VMP-32-5-042512	4/25/2012	<0.0059	U		<0.0043	J	U	<0.008	U		<0.0099	U		<0.0046	U		<0.019	U	
		VMP-32-5-072012	7/20/2012	<0.0053	U		0.0014	J		<0.0072	U		<0.0089	U		<0.0041	U		0.0022	J	
		VMP-32-5-101812	10/18/2012	<0.01	U		0.0044	J		<0.014	U		<0.017	U		<0.0078	U		<0.033	U	
		VMP-32-5-020513	2/5/2013	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U	
		VMP-32-5-050713	5/7/2013	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U	
	10 ft	VMP-32-10-041612	4/16/2012	<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		<0.0042	U		0.0016	J	
		VMP-32-10-072012	7/20/2012	<0.0062	U		0.0019	J		<0.0083	U		<0.01	U		<0.0048	U		0.0013	J	
		VMP-32-10-101812	10/18/2012	<0.0093	U		0.0025	J		<0.013	U		<0.016	U		<0.0072	U		0.003	J	
		VMP-32-10-020513	2/5/2013	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U	
		VMP-32-10-050713	5/7/2013	<0.0089	U		<0.0065	J	U	<0.012	U		<0.015	U		<0.0069	U		<0.029	U	
	20 ft	VMP-32-20-041612	4/16/2012	<0.12	U		<0.09	U		<0.17	U		<0.21	U		<0.096	U		<0.4	U	
		VMP-32-20-072012	7/20/2012	<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		<0.0047	U		0.0064	J	
		VMP-32-20-101812	10/18/2012	<0.0087	U		0.0025	J		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	
		VMP-32-20-020513	2/5/2013	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0013	J		<0.029	U	
		VMP-32-20-050713	5/7/2013	<0.0097	U		<0.0071	U		<0.013	U		<0.016	U		0.0018	J		<0.032	U	
		VMP-32-20-050713-Dup	5/7/2013	<0.0089	U		<0.0065	J	U	<0.012	U		<0.015	U		0.0022	J		<0.029	U	
	30 ft	VMP-32-30-041612	4/16/2012	<2.9	U		<2.2	U		<4	U		<4.9	U		<2.3	U		<3.9	U	
		VMP-32-30-072012	7/20/2012	<6.1	U		<4.4	U		<8.2	U		<10	U		<4.7	U		<8	U	
		VMP-32-30-101812	10/18/2012	<0.35	U		<0.25	U		<0.47	U		<0.58	U		<0.27	U		<0.45	U	
		VMP-32-30-020513	2/5/2013	<0.36	U		<0.26	U		<0.48	U		<0.6	U		<0.28	U		<0.47	U	
		VMP-32-30-050713	5/7/2013	<9.1	U		<6.7	U		<12	U		<15	U		<7.1	U		<30	U	
VMP-42	10 ft	VMP-42-10-041812	4/18/2012	<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		0.0035	J		<0.018	U	
		VMP-42-10-041812-Dup	4/18/2012	<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		<0.018	U	
		VMP-42-20-041812	4/18/2012	<2.8	U		<2.1	U		<3.8	U		<4.7	U		<2.2	U		<9.2	U	
		VMP-42-10-071912	7/19/2012	<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		0.0022	J		<0.02	U	
		VMP-42-10-101212	10/12/2012	<0.0097	U		<0.0071	U		<0.013	U		<0.016	U		<0.0075	U		<0.032	U	
		VMP-42-10-013113	1/31/2013	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U	
		VMP-42-10-043013	4/30/2013	<0.0096	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U	
		VMP-42-20-043013	4/30/2013	<0.0096	U		<0.0071	U		<0.013	U		<0.016	U		0.0066	J		<0.032	U	
	20 ft	VMP-42-20-071912	7/19/2012	<0.0059	U		<0.0043	U		<0.008	U		<0.0099	U		0.1			<0.019	J	U
		VMP-42-20-101212	10/12/2012	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.035			<0.028	U	
		VMP-42-20-101212-Dup	10/12/2012	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.036			<0.028	U	
		VMP-42-20-013113	1/31/2013	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.025			<0.027	U	
	30 ft	VMP-42-30-041912	4/19/2012	<5.9	U		<4.3	U		<8	U		<9.9	U		<4.6	U		<7.7	U	
		VMP-42-30-071912	7/19/2012	<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		<0.018	U	
		VMP-42-30-101212	10/12/2012	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.005	J		0.0085	J	
		VMP-42-30-101212-Dup	10/12/2012	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0051	J		0.0091	J	
		VMP-42-30-013113	1/31/2013	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0079			<0.028	U	
		VMP-42-30-043013	4/30/2013	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.0038	J		<0.029	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	alpha-Chlorotoluene			Cyclobutane, ethyl-			Cyclohexane			Cyclopentane, methyl-			1,2-Dibromoethane			1,2-Dichlorobenzene		
																0.011			290		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-32	5 ft	VMP-32-5-042512	4/25/2012	<0.0048	U					0.00091	J					<0.0072	U		0.0012	J	
		VMP-32-5-072012	7/20/2012	<0.0043	U					0.0034						<0.0064	U		<0.005	U	
		VMP-32-5-101812	10/18/2012	<0.0082	U					0.016						<0.012	U		<0.0096	U	
		VMP-32-5-020513	2/5/2013	<0.0065	U					<0.0043	U					<0.0097	U		<0.0076	U	
		VMP-32-5-050713	5/7/2013	<0.007	U					<0.0047	U					<0.01	U		<0.0082	U	
	10 ft	VMP-32-10-041612	4/16/2012	<0.0044	U					0.0024	J					<0.0066	U		<0.0051	U	
		VMP-32-10-072012	7/20/2012	<0.0051	U					0.0022	J					<0.0075	U		<0.0059	U	
		VMP-32-10-101812	10/18/2012	<0.0077	U					0.012						<0.011	U		<0.0089	U	
		VMP-32-10-020513	2/5/2013	<0.0065	U					<0.0043	U					<0.0097	U		<0.0076	U	
		VMP-32-10-050713	5/7/2013	<0.0073	J	U				0.0037	J					<0.011	J	U	<0.0085	J	U
	20 ft	VMP-32-20-041612	4/16/2012	<0.1	U					0.21						<0.15	U		0.041	J	
		VMP-32-20-072012	7/20/2012	<0.0049	U					<0.0033	U					<0.0073	U		<0.0057	U	
		VMP-32-20-101812	10/18/2012	<0.0071	U					0.0076						<0.011	U		<0.0083	U	
		VMP-32-20-020513	2/5/2013	<0.0073	U					<0.0048	U					<0.011	U		<0.0085	U	
		VMP-32-20-050713	5/7/2013	<0.008	U					<0.0053	U					<0.012	U		<0.0093	J	U
		VMP-32-20-050713-Dup	5/7/2013	<0.0074	J	U				<0.0049	U					<0.011	J	U	<0.0085	J	U
	30 ft	VMP-32-30-041612	4/16/2012	<2.4	U					360						<3.6	U		<2.8	U	
		VMP-32-30-072012	7/20/2012	<5	U					200						<7.4	U		<5.8	U	
		VMP-32-30-101812	10/18/2012	<0.28	U					0.44						<0.42	U		<0.33	U	
		VMP-32-30-020513	2/5/2013	<0.29	U					<0.19	U					<0.43	U		<0.34	U	
		VMP-32-30-050713	5/7/2013	<7.5	U					460						<11	U		<8.7	U	
VMP-42	10 ft	VMP-42-10-041812	4/18/2012	<0.0044	U					0.047		J				<0.0066	U		<0.0051	U	
		VMP-42-10-041812-Dup	4/18/2012	<0.0045	U					0.036		J				<0.0067	U		<0.0053	U	
		VMP-42-20-041812	4/18/2012	0.54	J					3						<3.4	U		<2.7	U	
		VMP-42-10-071912	7/19/2012	<0.0049	U	UJ				0.0028	J					<0.0073	U		<0.0057	U	
		VMP-42-10-101212	10/12/2012	<0.008	U					<0.0053	U					<0.012	U		<0.0093	U	
		VMP-42-10-013113	1/31/2013	<0.0073	U					<0.0048	U					<0.011	U		<0.0085	U	
		VMP-42-10-043013	4/30/2013	<0.0079	U					<0.0052	U					<0.012	U		<0.0092	U	
		VMP-42-20-043013	4/30/2013	<0.0079	U					<0.0053	U					<0.012	U		<0.0092	U	
	20 ft	VMP-42-20-071912	7/19/2012	<0.0048	U	UJ				0.013						<0.0072	U		<0.0056	U	
		VMP-42-20-101212	10/12/2012	<0.0071	U					<0.0047	U					<0.01	U		<0.0082	U	
		VMP-42-20-101212-Dup	10/12/2012	<0.0071	U					0.0011	J					<0.011	U		<0.0083	U	
		VMP-42-20-013113	1/31/2013	<0.0067	U					<0.0044	U					<0.0099	U		<0.0078	U	
	30 ft	VMP-42-30-041912	4/19/2012	<4.8	U					22						<7.2	U		<5.6	U	
		VMP-42-30-071912	7/19/2012	<0.0045	U	UJ				0.23		J				<0.0067	U		<0.0053	U	
		VMP-42-30-101212	10/12/2012	<0.0075	U					0.009						<0.011	U		<0.0087	U	
		VMP-42-30-101212-Dup	10/12/2012	<0.0075	U					0.0093						<0.011	U		<0.0087	U	
		VMP-42-30-013113	1/31/2013	<0.0071	U					0.0022	J					<0.011	U		<0.0083	U	
		VMP-42-30-043013	4/30/2013	<0.0072	U					<0.0048	U					<0.011	U		<0.0084	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
							1200						690			0.099			240		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-32	5 ft	VMP-32-5-042512	4/25/2012	<0.0056	J	U	<0.0056	J	U	0.003	J		<0.0038	U		<0.0038	J	U	<0.0037	U	
		VMP-32-5-072012	7/20/2012	<0.005	U		<0.005	U		0.0025	J		<0.0034	U		<0.0034	U		<0.0033	U	
		VMP-32-5-101812	10/18/2012	<0.0096	U		<0.0096	U		<0.0079	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-32-5-020513	2/5/2013	<0.0076	J	U	<0.0076	J	U	0.0024	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-32-5-050713	5/7/2013	<0.0082	J	U	<0.0082	J	U	0.0027	J		<0.0055	U		<0.0055	U		<0.0054	U	
	10 ft	VMP-32-10-041612	4/16/2012	<0.0051	U		<0.0051	J	U	0.0027	J		<0.0035	U		<0.0035	J	U	<0.0034	U	
		VMP-32-10-072012	7/20/2012	<0.0059	U		<0.0059	U		0.0022	J		<0.004	U		<0.004	U		<0.0039	U	
		VMP-32-10-101812	10/18/2012	<0.0089	U		<0.0089	U		0.0025	J		<0.006	U		<0.006	U		<0.0059	U	
		VMP-32-10-020513	2/5/2013	<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-32-10-050713	5/7/2013	<0.0085	J	U	<0.0085	J	U	0.0024	J		<0.0057	U		<0.0057	U		<0.0056	U	
	20 ft	VMP-32-20-041612	4/16/2012	0.05	J		0.058	J		<0.097	U		<0.079	U		<0.079	U		<0.078	U	
		VMP-32-20-072012	7/20/2012	<0.0057	U		<0.0057	U		0.0027	J		<0.0039	U		<0.0039	U		<0.0038	U	
		VMP-32-20-101812	10/18/2012	<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-32-20-020513	2/5/2013	<0.0085	U		<0.0085	U		0.0024	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-32-20-050713	5/7/2013	<0.0093	J	U	<0.0093	J	U	0.0024	J		<0.0062	U		<0.0062	U		<0.0061	U	
		VMP-32-20-050713-Dup	5/7/2013	<0.0085	J	U	<0.0085	J	U	0.0025	J		<0.0057	U		<0.0057	U		<0.0056	U	
	30 ft	VMP-32-30-041612	4/16/2012	<2.8	U		<2.8	U		<2.3	U		<1.9	U		<1.9	U		<1.8	U	
		VMP-32-30-072012	7/20/2012	<5.8	U		<5.8	U		<4.8	U		<3.9	U		<3.9	U		<3.8	U	
		VMP-32-30-101812	10/18/2012	<0.33	U		<0.33	U		<0.27	U		<0.22	U		<0.22	U		<0.22	U	
		VMP-32-30-020513	2/5/2013	<0.34	U		<0.34	U		<0.28	U		<0.23	U		<0.23	U		<0.22	U	
		VMP-32-30-050713	5/7/2013	<8.7	U		<8.7	U		<7.2	U		<5.9	U		<5.9	U		<5.7	U	
VMP-42	10 ft	VMP-42-10-041812	4/18/2012	<0.0051	U		<0.0051	J	U	0.0028	J		<0.0035	U		<0.0035	J	U	<0.0034	U	
		VMP-42-10-041812-Dup	4/18/2012	<0.0053	U		<0.0053	J	U	0.0027	J		<0.0035	U		<0.0035	J	U	<0.0035	U	
		VMP-42-20-041812	4/18/2012	0.92	J		0.98	J		<2.2	U		<1.8	U		<1.8	U		<1.8	U	
		VMP-42-10-071912	7/19/2012	<0.0057	U		<0.0057	U		0.0028	J		<0.0039	U		<0.0039	U		<0.0038	U	
		VMP-42-10-101212	10/12/2012	<0.0093	U		<0.0093	J	U	0.0024	J		<0.0062	U		<0.0062	U		<0.0061	U	
		VMP-42-10-013113	1/31/2013	<0.0085	U		<0.0085	U		0.0025	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-42-10-043013	4/30/2013	<0.0092	U		<0.0092	U		0.0026	J		<0.0062	U		<0.0062	U		<0.006	U	
		VMP-42-20-043013	4/30/2013	<0.0092	U		<0.0092	U		0.0026	J		<0.0062	U		<0.0062	U		<0.0061	U	
	20 ft	VMP-42-20-071912	7/19/2012	<0.0056	U		<0.0056	J	U	0.0025	J		<0.0038	U		<0.0038	U		<0.0037	U	
		VMP-42-20-101212	10/12/2012	<0.0082	U		<0.0082	U		0.0023	J		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-42-20-101212-Dup	10/12/2012	<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-42-20-013113	1/31/2013	<0.0078	U		<0.0078	U		0.002	J		<0.0052	U		<0.0052	U		<0.0051	U	
	30 ft	VMP-42-30-041912	4/19/2012	<5.6	U		<5.6	U		<4.6	U		<3.8	U		<3.8	U		<3.7	U	
		VMP-42-30-071912	7/19/2012	<0.0053	U		<0.0053	U		0.0029	J	J	<0.0035	U		<0.0035	U		<0.0035	U	
		VMP-42-30-101212	10/12/2012	<0.0087	U		<0.0087	U		0.0022	J		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-42-30-101212-Dup	10/12/2012	<0.0087	U		<0.0087	U		0.0024	J		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-42-30-013113	1/31/2013	<0.0083	U		<0.0083	U		0.002	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-42-30-043013	4/30/2013	<0.0084	U		<0.0084	J	U	0.0024	J		<0.0056	U		<0.0056	U		<0.0055	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene		
				1100000			85			5.6			0.062			0.9			0.9		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-32	5 ft	VMP-32-5-042512	4/25/2012	<0.0037	U		<0.0037	U		<0.032	J	U	<0.0043	U		<0.0042	U		<0.0042	J	U
		VMP-32-5-072012	7/20/2012	<0.0033	U		<0.0033	U		0.0012	J		<0.0039	U		<0.0038	U		<0.0038	U	
		VMP-32-5-101812	10/18/2012	<0.0063	U		<0.0063	U		<0.055	J	U	<0.0074	U		<0.0072	U		<0.0072	U	
		VMP-32-5-020513	2/5/2013	<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-32-5-050713	5/7/2013	<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U	
	10 ft	VMP-32-10-041612	4/16/2012	<0.0034	U		<0.0034	U		<0.03	J	U	<0.004	U		<0.0039	U		<0.0039	U	
		VMP-32-10-072012	7/20/2012	<0.0039	U		<0.0039	U		0.0014	J		<0.0045	U		<0.0044	U		<0.0044	U	
		VMP-32-10-101812	10/18/2012	<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U	
		VMP-32-10-020513	2/5/2013	<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-32-10-050713	5/7/2013	<0.0056	U		<0.0056	U		0.0014	J		<0.0065	U		<0.0064	U		<0.0064	U	
	20 ft	VMP-32-20-041612	4/16/2012	<0.078	U		<0.078	U		0.073	J		<0.09	U		<0.089	U		<0.089	U	
		VMP-32-20-072012	7/20/2012	<0.0038	U		<0.0038	U		0.0014	J		<0.0044	U		<0.0043	U		<0.0043	U	
		VMP-32-20-101812	10/18/2012	<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-32-20-020513	2/5/2013	<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U	
		VMP-32-20-050713	5/7/2013	<0.0061	U		<0.0061	U		<0.054	U		<0.0071	U		<0.007	U		<0.007	J	U
		VMP-32-20-050713-Dup	5/7/2013	<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		0.0013	J		<0.0064	U	
	30 ft	VMP-32-30-041612	4/16/2012	<1.8	U		<1.8	U		<1.6	U		<2.2	U		<2.1	U		<2.1	U	
		VMP-32-30-072012	7/20/2012	<3.8	U		<3.8	U		<3.4	U		<4.4	U		<4.4	U		<4.4	U	
		VMP-32-30-101812	10/18/2012	<0.22	U		<0.22	U		<0.19	U		<0.25	U		<0.25	U		<0.25	U	
		VMP-32-30-020513	2/5/2013	<0.22	U		<0.22	U		0.1	J		<0.26	U		<0.26	U		<0.26	U	
		VMP-32-30-050713	5/7/2013	<5.7	U		<5.7	U		<50	U		<6.7	U		<6.6	U		<6.6	U	
VMP-42	10 ft	VMP-42-10-041812	4/18/2012	<0.0034	U		<0.0034	U		0.0012	J		<0.004	U		<0.0039	U		<0.0039	U	
		VMP-42-10-041812-Dup	4/18/2012	<0.0035	U		<0.0035	U		<0.03	J	U	<0.004	U		<0.004	U		<0.004	U	
		VMP-42-20-041812	4/18/2012	<1.8	U		<1.8	U		1.6	J		<2.1	U		<2	U		<2	U	
		VMP-42-10-071912	7/19/2012	<0.0038	U		<0.0038	U		0.003	J		<0.0044	U		<0.0043	U		<0.0043	U	
		VMP-42-10-101212	10/12/2012	<0.0061	U		<0.0061	U		<0.054	J	U	<0.0071	U		<0.007	U		<0.007	U	
		VMP-42-10-013113	1/31/2013	<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U	
		VMP-42-10-043013	4/30/2013	<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U	
		VMP-42-20-043013	4/30/2013	<0.0061	U		<0.0061	U		<0.053	U		<0.0071	U		<0.007	U		<0.007	U	
	20 ft	VMP-42-20-071912	7/19/2012	<0.0037	U		<0.0037	U		0.0029	J		<0.0043	U		<0.0042	U		<0.0042	J	U
		VMP-42-20-101212	10/12/2012	<0.0054	U		<0.0054	U		0.02	J		<0.0063	U		<0.0062	U		<0.0062	U	
		VMP-42-20-101212-Dup	10/12/2012	<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-42-20-013113	1/31/2013	<0.0051	U		<0.0051	U		0.0053	J		<0.006	U		<0.0058	U		<0.0058	U	
	30 ft	VMP-42-30-041912	4/19/2012	<3.7	U		<3.7	U		<3.2	U		<4.3	U		<4.2	U		<4.2	U	
		VMP-42-30-071912	7/19/2012	<0.0035	U		<0.0035	U		<0.03	U		<0.004	U		<0.004	U		<0.004	U	
		VMP-42-30-101212	10/12/2012	<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-42-30-101212-Dup	10/12/2012	<0.0057	U		<0.0057	U		0.0037	J		<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-42-30-013113	1/31/2013	<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-42-30-043013	4/30/2013	<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 113		
				0.22						1400											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-32	5 ft	VMP-32-5-042512	4/25/2012	<0.013	U		0.08			0.0034	J		0.0023	J		<0.0072	U		<0.0072	U	
		VMP-32-5-072012	7/20/2012	<0.012	U		<0.0063	U		<0.0036	U		0.0011	J		<0.0064	U		<0.0064	U	
		VMP-32-5-101812	10/18/2012	<0.023	U		0.0073	J		<0.0069	U		<0.0078	U		<0.012	U		<0.012	U	
		VMP-32-5-020513	2/5/2013	<0.018	U		0.012			<0.0055	U		<0.0062	J	U	<0.0096	U		<0.0096	U	
		VMP-32-5-050713	5/7/2013	<0.02	U		<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.01	U	
	10 ft	VMP-32-10-041612	4/16/2012	<0.012	U		0.017		J	0.0017	J		0.00093	J		<0.0066	U		<0.0066	U	
		VMP-32-10-072012	7/20/2012	0.0079	J		0.012			<0.0042	U		<0.0048	U		<0.0075	U		<0.0075	U	
		VMP-32-10-101812	10/18/2012	<0.021	U		0.0059	J		<0.0064	U		<0.0073	U		<0.011	U		<0.011	U	
		VMP-32-10-020513	2/5/2013	<0.018	U		0.014			<0.0055	U		<0.0062	J	U	<0.0096	U		<0.0096	U	
		VMP-32-10-050713	5/7/2013	<0.02	U		<0.011	U		<0.0061	U		<0.0069	J	U	<0.011	U		<0.011	U	
	20 ft	VMP-32-20-041612	4/16/2012	<0.28	U		0.18		J	0.04	J		<0.096	U		<0.15	U		<0.15	U	
		VMP-32-20-072012	7/20/2012	<0.014	U		<0.0072	U		<0.0041	U		0.00052	J		<0.0073	U		<0.0073	U	
		VMP-32-20-101812	10/18/2012	<0.02	U		0.0054	J		<0.006	U		<0.0068	U		<0.01	U		<0.01	U	
		VMP-32-20-020513	2/5/2013	<0.02	U		0.0035	J		<0.0061	U		<0.0069	U		<0.011	U		<0.011	U	
		VMP-32-20-050713	5/7/2013	<0.022	U		<0.012	U		0.0024	J		<0.0076	J	U	<0.012	U		<0.012	U	
		VMP-32-20-050713-Dup	5/7/2013	<0.02	U		0.0057	J		0.0019	J		<0.007	J	U	<0.011	U		<0.011	U	
	30 ft	VMP-32-30-041612	4/16/2012	<6.7	U		<3.5	U		8.6			1.3	J		<3.6	U		<3.6	U	
		VMP-32-30-072012	7/20/2012	<14	U		<7.3	U		<4.2	U		<4.7	U		<7.4	U		<7.4	U	
		VMP-32-30-101812	10/18/2012	<0.79	U		<0.41	U		<0.24	U		<0.27	U		<0.42	U		<0.42	U	
		VMP-32-30-020513	2/5/2013	<0.81	U		<0.42	U		<0.24	U		<0.28	U		<0.43	U		<0.43	U	
		VMP-32-30-050713	5/7/2013	<21	U		<11	U		95			29			<11	U		<11	U	
VMP-42	10 ft	VMP-42-10-041812	4/18/2012	<0.012	U		0.022		J	0.0046			0.0011	J		<0.0066	U		<0.0066	U	
		VMP-42-10-041812-Dup	4/18/2012	<0.013	U		0.048		J	0.0046			<0.0043	U		<0.0067	U		<0.0067	U	
		VMP-42-20-041812	4/18/2012	<6.4	U		4.4		J	0.77	J		<2.2	U		<3.4	U		<3.4	U	
		VMP-42-10-071912	7/19/2012	<0.014	U		0.061			0.0043			0.0027	J		<0.0073	U		<0.0073	U	
		VMP-42-10-101212	10/12/2012	<0.022	U		0.036			<0.0067	U		<0.0076	U		<0.012	U		<0.012	U	
		VMP-42-10-013113	1/31/2013	<0.02	U		0.0022	J		<0.0061	U		<0.0069	J	U	<0.011	U		<0.011	U	
		VMP-42-10-043013	4/30/2013	<0.022	U		0.0046	J		<0.0066	U		<0.0075	U		<0.012	U		<0.012	U	
		VMP-42-20-043013	4/30/2013	<0.022	U		0.0042	J		<0.0067	U		<0.0075	U		<0.012	U		<0.012	U	
	20 ft	VMP-42-20-071912	7/19/2012	<0.013	U		0.053			0.0087			0.0042	J		<0.0072	U		<0.0072	U	
		VMP-42-20-101212	10/12/2012	<0.02	U		0.0091	J	J	<0.0059	U		<0.0067	U		<0.01	U		<0.01	U	
		VMP-42-20-101212-Dup	10/12/2012	<0.02	U		0.036		J	<0.006	U		<0.0068	U		<0.01	U		<0.01	U	
		VMP-42-20-013113	1/31/2013	<0.018	U		0.0045	J		<0.0056	U		<0.0063	J	U	<0.0099	U		<0.0099	U	
	30 ft	VMP-42-30-041912	4/19/2012	<13	U		<7	U		<4	U		<4.6	U		<7.2	U		<7.2	U	
		VMP-42-30-071912	7/19/2012	<0.013	U		0.074		J	0.0073		J	0.0099		J	<0.0067	U		<0.0067	U	
		VMP-42-30-101212	10/12/2012	<0.021	U		0.011			<0.0063	U		<0.0071	U		<0.011	U		<0.011	U	
		VMP-42-30-101212-Dup	10/12/2012	<0.021	U		0.01	J		<0.0063	U		<0.0071	U		<0.011	U		<0.011	U	
		VMP-42-30-013113	1/31/2013	<0.02	U		0.0038	J		<0.006	U		<0.0068	U		<0.01	U		<0.01	U	
		VMP-42-30-043013	4/30/2013	<0.02	U		0.0028	J		<0.006	U		<0.0068	U		<0.011	U		<0.011	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Freon 114			Heptadecane			Heptane			Hexachlorobutadiene			Hexane			Hexane, 2,2,4-trimethyl-		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-32	5 ft	VMP-32-5-042512	4/25/2012	<0.0065	U					0.0034	J		<0.04	U		0.0029	J				
		VMP-32-5-072012	7/20/2012	<0.0059	U					0.0031	J		<0.036	U		0.0021	J				
		VMP-32-5-101812	10/18/2012	<0.011	U					0.022			<0.068	U		0.01					
		VMP-32-5-020513	2/5/2013	<0.0088	U					<0.0052	U		<0.054	U		<0.0044	U				
		VMP-32-5-050713	5/7/2013	<0.0095	U					<0.0056	U		<0.058	U		0.0013	J				
	10 ft	VMP-32-10-041612	4/16/2012	<0.006	U					0.0015	J		<0.036	U		0.24					
		VMP-32-10-072012	7/20/2012	<0.0068	U					0.0023	J		<0.042	U		0.0017	J				
		VMP-32-10-101812	10/18/2012	<0.01	U					0.012			<0.063	U		0.0056					
		VMP-32-10-020513	2/5/2013	<0.0088	U					<0.0052	U		<0.054	U		<0.0044	U				
		VMP-32-10-050713	5/7/2013	<0.0098	U					<0.0058	U		<0.06	U		0.0026	J				
	20 ft	VMP-32-20-041612	4/16/2012	<0.14	U					0.068	J		<0.84	U		0.07					
		VMP-32-20-072012	7/20/2012	<0.0067	U					<0.0039	U		<0.041	U		<0.0034	U				
		VMP-32-20-101812	10/18/2012	<0.0096	U					0.0094			<0.059	U		0.0039	J				
		VMP-32-20-020513	2/5/2013	<0.0098	U					<0.0058	U		<0.06	U		<0.005	U				
		VMP-32-20-050713	5/7/2013	<0.011	U					0.0024	J		<0.066	U		0.0023	J				
		VMP-32-20-050713-Dup	5/7/2013	<0.0099	U					0.0044	J		<0.06	U		0.0034	J				
	30 ft	VMP-32-30-041612	4/16/2012	<3.3	U					400			<20	U		1100					
		VMP-32-30-072012	7/20/2012	<6.7	U					230			<41	U		470					
		VMP-32-30-101812	10/18/2012	<0.38	U					<0.22	U		<2.3	U		0.16	J				
		VMP-32-30-020513	2/5/2013	<0.39	U					<0.23	U		<2.4	U		<0.2	U				
		VMP-32-30-050713	5/7/2013	<10	U					1400			<62	U		820					
VMP-42	10 ft	VMP-42-10-041812	4/18/2012	<0.006	U					0.026			<0.036	U		0.051		J			
		VMP-42-10-041812-Dup	4/18/2012	<0.0061	U					0.02			<0.037	U		0.02		J			
		VMP-42-20-041812	4/18/2012	<3.1	U					<1.8	U		<19	U		9.3					
		VMP-42-10-071912	7/19/2012	<0.0067	U					0.0076			<0.041	U		0.0065					
		VMP-42-10-101212	10/12/2012	<0.011	U					<0.0063	U		<0.066	U		<0.0054	U				
		VMP-42-10-013113	1/31/2013	<0.0098	U					<0.0058	U		<0.06	U		0.00093	J				
		VMP-42-10-043013	4/30/2013	<0.011	U					<0.0062	U		<0.065	U		<0.0054	J	U			
		VMP-42-20-043013	4/30/2013	<0.011	U					<0.0063	U		<0.065	U		<0.0054	U				
	20 ft	VMP-42-20-071912	7/19/2012	<0.0065	U					0.039			<0.04	U		0.03					
		VMP-42-20-101212	10/12/2012	<0.0095	U					<0.0056	U		<0.058	U		<0.0048	U				
		VMP-42-20-101212-Dup	10/12/2012	<0.0096	U					<0.0056	U		<0.059	U		0.0018	J				
		VMP-42-20-013113	1/31/2013	<0.009	U					0.0039	J		<0.055	U		0.0045					
	30 ft	VMP-42-30-041912	4/19/2012	<6.5	U					<3.8	U		<40	U		51					
		VMP-42-30-071912	7/19/2012	<0.0061	U					<0.0036	U		<0.037	U		0.077		J			
		VMP-42-30-101212	10/12/2012	<0.01	U					0.0036	J		<0.062	U		0.06					
		VMP-42-30-101212-Dup	10/12/2012	<0.01	U					0.0031	J		<0.062	U		0.057					
		VMP-42-30-013113	1/31/2013	<0.0096	U					0.0013	J		<0.059	U		0.0018	J				
		VMP-42-30-043013	4/30/2013	<0.0097	U					<0.0057	U		<0.059	U		<0.0049	J	U			

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Hexane, 3,4-dimethyl-			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
													600						3400		
				Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-32	5 ft	VMP-32-5-042512	4/25/2012				<0.015	U		<0.011	U		0.026			0.11			<0.0034	U	
		VMP-32-5-072012	7/20/2012				0.00074	J		<0.0099	U		0.00057	J		0.0029	J		<0.003	U	
		VMP-32-5-101812	10/18/2012				<0.026	U		0.014	J		0.0015	J		<0.0065	U		<0.0058	U	
		VMP-32-5-020513	2/5/2013				<0.021	U		0.0023	J		<0.0062	U		<0.0052	U		<0.0045	U	
		VMP-32-5-050713	5/7/2013				<0.022	U		0.0023	J		<0.0067	U		<0.0056	U		<0.0049	U	
	10 ft	VMP-32-10-041612	4/16/2012				<0.014	U		0.025			0.018			0.056			<0.0031	U	
		VMP-32-10-072012	7/20/2012				0.0012	J		<0.012	U		<0.0048	U		0.0014	J		<0.0035	U	
		VMP-32-10-101812	10/18/2012				<0.024	U		0.02			<0.0073	U		<0.0061	U		<0.0053	U	
		VMP-32-10-020513	2/5/2013				<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U	
		VMP-32-10-050713	5/7/2013				<0.023	U		0.032			<0.0069	U		<0.0058	U		<0.0051	U	
	20 ft	VMP-32-20-041612	4/16/2012				<0.32	U		0.24			0.016	J		0.079	J		<0.071	UJ	UJ
		VMP-32-20-072012	7/20/2012				0.0011	J		<0.011	U		<0.0047	U		0.0014	J		<0.0034	U	
		VMP-32-20-101812	10/18/2012				<0.023	U		0.0033	J		0.0043	J		0.012			<0.005	U	
		VMP-32-20-020513	2/5/2013				<0.023	U		<0.017	U		<0.0069	U		0.0033	J		<0.0051	U	
		VMP-32-20-050713	5/7/2013				<0.025	U		0.0028	J		<0.0076	U		<0.0063	U		<0.0056	U	
		VMP-32-20-050713-Dup	5/7/2013				<0.023	U		0.0033	J		<0.007	U		<0.0058	U		<0.0051	U	
	30 ft	VMP-32-30-041612	4/16/2012				<7.7	U		3700			0.49	J		<1.9	U		<1.7	U	
		VMP-32-30-072012	7/20/2012				<16	U		1500			<4.7	U		<4	U		<3.5	U	
		VMP-32-30-101812	10/18/2012				<0.9	U		1.7			<0.27	U		<0.22	U		<0.2	U	
		VMP-32-30-020513	2/5/2013				<0.92	U		0.18	J		<0.28	U		<0.92	U		<0.2	U	
		VMP-32-30-050713	5/7/2013				<24	U		730			3.8	J		<5.9	U		<5.2	U	
VMP-42	10 ft	VMP-42-10-041812	4/18/2012				<0.014	U		0.036			0.026			0.2			<0.0031	UJ	UJ
		VMP-42-10-041812-Dup	4/18/2012				<0.014	U		0.024			0.025			0.2			<0.0032	UJ	UJ
		VMP-42-20-041812	4/18/2012				<7.3	U		340			<2.2	U		<1.8	U		<1.6	UJ	UJ
		VMP-42-10-071912	7/19/2012				0.0027	J		0.016			0.026			0.14			<0.0034	U	
		VMP-42-10-101212	10/12/2012				<0.025	U		<0.018	U		0.0044	J		0.06			<0.0056	U	
		VMP-42-10-013113	1/31/2013				<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U	
		VMP-42-10-043013	4/30/2013				<0.025	U		0.0042	J		<0.0075	U		0.0018	J		<0.0055	U	
		VMP-42-20-043013	4/30/2013				<0.025	U		<0.018	U		<0.0075	U		<0.0063	U		<0.0055	U	
	20 ft	VMP-42-20-071912	7/19/2012				<0.015	U		0.022			0.022			0.11			<0.0034	U	
		VMP-42-20-101212	10/12/2012				<0.022	U		0.0035	J		<0.0067	U		0.0054	J		<0.0049	U	
		VMP-42-20-101212-Dup	10/12/2012				<0.023	U		0.03			<0.0068	U		0.0054	J		<0.005	U	
		VMP-42-20-013113	1/31/2013				<0.021	U		0.0051	J		<0.0063	U		<0.0053	U		<0.0046	U	
	30 ft	VMP-42-30-041912	4/19/2012				<15	U		1700			<4.6	U		<3.8	U		<3.4	U	
		VMP-42-30-071912	7/19/2012				<0.014	U		55			0.036		J	0.2		J	<0.0032	U	
		VMP-42-30-101212	10/12/2012				<0.024	U		0.42			<0.0071	U		0.0094			<0.0052	U	
		VMP-42-30-101212-Dup	10/12/2012				<0.024	U		0.4			<0.0071	U		0.01			<0.0052	U	
		VMP-42-30-013113	1/31/2013				<0.023	U		0.1			<0.0068	U		<0.0056	U		<0.005	U	
		VMP-42-30-043013	4/30/2013				<0.023	U		0.043			<0.0068	U		0.0013	J		<0.005	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Pentane, 2,2,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,4-dimethyl-			Pentane, 2-methyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-32	5 ft	VMP-32-5-042512	4/25/2012																	
		VMP-32-5-072012	7/20/2012																	
		VMP-32-5-101812	10/18/2012																	
		VMP-32-5-020513	2/5/2013																	
		VMP-32-5-050713	5/7/2013																	
	10 ft	VMP-32-10-041612	4/16/2012																	
		VMP-32-10-072012	7/20/2012																	
		VMP-32-10-101812	10/18/2012																	
		VMP-32-10-020513	2/5/2013																	
		VMP-32-10-050713	5/7/2013																	
	20 ft	VMP-32-20-041612	4/16/2012																	
		VMP-32-20-072012	7/20/2012																	
		VMP-32-20-101812	10/18/2012																	
		VMP-32-20-020513	2/5/2013																	
		VMP-32-20-050713	5/7/2013																	
		VMP-32-20-050713-Dup	5/7/2013																	
	30 ft	VMP-32-30-041612	4/16/2012																	
		VMP-32-30-072012	7/20/2012																	
		VMP-32-30-101812	10/18/2012																	
		VMP-32-30-020513	2/5/2013																	
		VMP-32-30-050713	5/7/2013																	
VMP-42	10 ft	VMP-42-10-041812	4/18/2012																	
		VMP-42-10-041812-Dup	4/18/2012																	
		VMP-42-20-041812	4/18/2012																	
		VMP-42-10-071912	7/19/2012																	
		VMP-42-10-101212	10/12/2012																	
		VMP-42-10-013113	1/31/2013																	
		VMP-42-10-043013	4/30/2013																	
		VMP-42-20-043013	4/30/2013																	
	20 ft	VMP-42-20-071912	7/19/2012																	
		VMP-42-20-101212	10/12/2012																	
		VMP-42-20-101212-Dup	10/12/2012																	
		VMP-42-20-013113	1/31/2013																	
	30 ft	VMP-42-30-041912	4/19/2012																	
		VMP-42-30-071912	7/19/2012																	
		VMP-42-30-101212	10/12/2012																	
		VMP-42-30-101212-Dup	10/12/2012																	
		VMP-42-30-013113	1/31/2013																	
		VMP-42-30-043013	4/30/2013																	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrachloroethene		
										1400						0.55			0.55		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-32	5 ft	VMP-32-5-042512	4/25/2012	0.1			<0.0046	J	U	0.0017	J		<0.0064	U		<0.0063	J	U	<0.0063	J	U
		VMP-32-5-072012	7/20/2012	<0.0082	U		0.00058	J		<0.0036	U		0.002	J		<0.0057	U		<0.0057	U	
		VMP-32-5-101812	10/18/2012	0.0096	J		0.0009	J		<0.0068	U		<0.011	U		<0.011	U		<0.011	U	
		VMP-32-5-020513	2/5/2013	0.013			<0.0062	J	U	<0.0054	U		<0.0086	U		<0.0085	J	U	<0.0085	J	U
		VMP-32-5-050713	5/7/2013	0.0049	J		<0.0067	U		<0.0058	U		<0.0093	U		<0.0092	J	U	<0.0092	J	U
	10 ft	VMP-32-10-041612	4/16/2012	0.052			0.00054	J		0.00082	J		<0.0059	U		<0.0058	U		<0.0058	U	
		VMP-32-10-072012	7/20/2012	0.0046	J		0.00036	J		<0.0042	U		<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-32-10-101812	10/18/2012	0.0041	J		<0.0073	U		<0.0063	U		<0.01	U		<0.01	U		<0.01	U	
		VMP-32-10-020513	2/5/2013	0.0089	J		<0.0062	U		<0.0054	U		<0.0086	U		<0.0085	J	U	<0.0085	J	U
		VMP-32-10-050713	5/7/2013	0.0045	J		<0.0069	J	U	<0.006	U		0.0015	J		0.0012	J		0.0012	J	
	20 ft	VMP-32-20-041612	4/16/2012	0.38			0.014	J		0.11			<0.13	U		<0.13	U		<0.13	U	
		VMP-32-20-072012	7/20/2012	<0.0094	U		0.00037	J		<0.0041	U		<0.0066	U		<0.0065	U		<0.0065	U	
		VMP-32-20-101812	10/18/2012	0.0048	J		0.0007	J		<0.0059	U		<0.0095	U		<0.0094	U		<0.0094	U	
		VMP-32-20-020513	2/5/2013	0.0064	J		<0.0069	U		<0.006	U		<0.0097	U		<0.0096	J	U	<0.0096	J	U
		VMP-32-20-050713	5/7/2013	0.0052	J		<0.0076	U		<0.0066	U		<0.011	U		0.0013	J		0.0013	J	
		VMP-32-20-050713-Dup	5/7/2013	<0.014	U		<0.007	U		<0.006	U		<0.0097	U		<0.0096	U		<0.0096	U	
	30 ft	VMP-32-30-041612	4/16/2012	<4.6	U		0.51	J		<2	U		<3.2	U		<3.2	U		<3.2	U	
		VMP-32-30-072012	7/20/2012	<9.5	U		<4.7	U		<4.1	U		<6.6	U		<6.5	U		<6.5	U	
		VMP-32-30-101812	10/18/2012	<0.54	U		<0.27	U		<0.23	U		<0.38	U		<0.37	U		<0.37	U	
		VMP-32-30-020513	2/5/2013	<0.56	U		<0.28	U		<0.24	U		<0.39	U		<0.38	U		<0.38	U	
		VMP-32-30-050713	5/7/2013	4.1	J		4.2	J		2.5	J		<10	U		<9.8	U		<9.8	U	
VMP-42	10 ft	VMP-42-10-041812	4/18/2012	0.04			0.0006	J		<0.0036	U		<0.0059	U		<0.0058	U		<0.0058	U	
		VMP-42-10-041812-Dup	4/18/2012	0.034			0.00055	J		<0.0037	U		<0.006	U		<0.0059	U		<0.0059	U	
		VMP-42-20-041812	4/18/2012	6.2			<2.2	U		1.9	J		<3.1	U		<3	U		<3	U	
		VMP-42-10-071912	7/19/2012	0.077			<0.0047	J	U	0.002	J		<0.0066	U		0.0032	J		0.0032	J	
		VMP-42-10-101212	10/12/2012	0.026			<0.0076	U		<0.0066	U		<0.011	U		0.0075	J		0.0075	J	
		VMP-42-10-013113	1/31/2013	0.0023	J		<0.0069	U		<0.006	U		<0.0097	U		<0.0096	U		<0.0096	U	
		VMP-42-10-043013	4/30/2013	0.0035	J		<0.0075	U		<0.0065	U		<0.01	U		<0.01	J	U	<0.01	J	U
		VMP-42-20-043013	4/30/2013	0.0041	J		<0.0075	U		<0.0065	U		<0.01	U		<0.01	U		<0.01	U	
	20 ft	VMP-42-20-071912	7/19/2012	0.057			<0.0046	J	U	0.0019	J		<0.0064	U		0.0028	J		0.0028	J	
		VMP-42-20-101212	10/12/2012	0.009	J		<0.0067	U		<0.0058	U		<0.0094	U		<0.0092	U		<0.0092	U	
		VMP-42-20-101212-Dup	10/12/2012	0.014			<0.0068	U		<0.0059	U		<0.0095	U		<0.0094	U		<0.0094	U	
		VMP-42-20-013113	1/31/2013	0.0026	J		<0.0063	U		<0.0055	U		<0.0088	U		<0.0088	J	U	<0.0088	J	U
	30 ft	VMP-42-30-041912	4/19/2012	<9.2	U		<4.6	U		<4	U		<6.4	U		<6.3	U		<6.3	U	
		VMP-42-30-071912	7/19/2012	0.072		J	<0.0043	J	U	0.0026	J	J	<0.006	U		0.0033	J	J	0.0033	J	J
		VMP-42-30-101212	10/12/2012	0.008	J		<0.0071	U		<0.0062	U		<0.0099	U		<0.0098	U		<0.0098	U	
		VMP-42-30-101212-Dup	10/12/2012	0.0045	J		<0.0071	U		<0.0062	U		0.0057	J		<0.0098	U		<0.0098	U	
		VMP-42-30-013113	1/31/2013	0.0014	J		<0.0068	U		<0.0059	U		<0.0095	U		<0.0094	U		<0.0094	U	
		VMP-42-30-043013	4/30/2013	<0.014	U		<0.0068	U		<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0094	J	U

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							6200			11			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-32	5 ft	VMP-32-5-042512	4/25/2012	0.0059			0.023			<0.028	U		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-32-5-072012	7/20/2012	<0.0025	U		0.0042			<0.025	U		<0.0046	U		<0.0046	U		<0.0045	U	
		VMP-32-5-101812	10/18/2012	<0.0047	U		0.0033	J		<0.12	U	UJ	<0.0087	U		<0.0087	U		<0.0086	U	
		VMP-32-5-020513	2/5/2013	0.0014	J		<0.0047	J	U	<0.037	J	U	<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-32-5-050713	5/7/2013	0.0029	J		<0.0051	J	U	<0.04	J	U	<0.0074	U		<0.0074	U		<0.0073	U	
	10 ft	VMP-32-10-041612	4/16/2012	<0.0025	U		0.027			<0.025	U		<0.0047	J	U	<0.0047	U		<0.0046	U	
		VMP-32-10-072012	7/20/2012	<0.0029	U		0.0042			<0.029	U		<0.0053	U		<0.0053	U		<0.0053	U	
		VMP-32-10-101812	10/18/2012	<0.0044	U		0.0015	J		<0.11	U	UJ	<0.0081	U		<0.0081	U		<0.008	U	
		VMP-32-10-020513	2/5/2013	0.0014	J		<0.0047	J	U	<0.037	J	U	<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-32-10-050713	5/7/2013	<0.0042	U		<0.0053	J	U	<0.042	J	U	<0.0077	U		<0.0077	U		<0.0076	U	
	20 ft	VMP-32-20-041612	4/16/2012	<0.058	U		0.23			0.19	J		<0.11	U		<0.11	U		<0.1	U	
		VMP-32-20-072012	7/20/2012	0.0014	J		0.0057			<0.028	U		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-32-20-101812	10/18/2012	<0.0041	U		0.0023	J		<0.1	U	UJ	<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-32-20-020513	2/5/2013	<0.0042	U		<0.0053	J	U	<0.042	J	U	<0.0077	U		<0.0077	U		<0.0076	U	
		VMP-32-20-050713	5/7/2013	<0.0046	U		0.0019	J		<0.046	J	U	<0.0084	U		<0.0084	U		<0.0083	U	
		VMP-32-20-050713-Dup	5/7/2013	<0.0042	U		0.0016	J		<0.042	J	U	<0.0077	U		<0.0077	U		<0.0076	U	
	30 ft	VMP-32-30-041612	4/16/2012	<1.4	U		38			<14	U		<2.6	U		<2.6	U		<2.5	U	
		VMP-32-30-072012	7/20/2012	3.2			12			<29	U		<5.3	U		<5.3	U		<5.2	U	
		VMP-32-30-101812	10/18/2012	<0.16	U		<0.21	U		<1.6	U		<0.3	U		<0.3	U		<0.3	U	
		VMP-32-30-020513	2/5/2013	<0.17	U		<0.21	U		<1.7	U		<0.31	U		<0.31	U		<0.3	U	
		VMP-32-30-050713	5/7/2013	<4.3	U		100			<43	U		<7.9	U		<7.9	U		<7.8	U	
VMP-42	10 ft	VMP-42-10-041812	4/18/2012	<0.0025	U		0.024			<0.025	U		<0.0047	J	U	<0.0047	U		0.0019	J	
		VMP-42-10-041812-Dup	4/18/2012	<0.0026	U		0.022			<0.026	U		<0.0048	U		<0.0048	U		<0.0047	U	
		VMP-42-20-041812	4/18/2012	<1.3	U		6.8			3.5	J		<2.4	U		<2.4	U		<2.4	U	
		VMP-42-10-071912	7/19/2012	0.0063			0.057			<0.028	U		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-42-10-101212	10/12/2012	<0.0046	U		0.011			<0.046	U		<0.0084	U		<0.0084	U		<0.0083	U	
		VMP-42-10-013113	1/31/2013	<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U		<0.0076	U	
		VMP-42-10-043013	4/30/2013	<0.0045	U		<0.0057	J	U	<0.045	U		<0.0083	U		<0.0083	U		<0.0082	U	
		VMP-42-20-043013	4/30/2013	<0.0045	U		0.0018	J		<0.046	U		<0.0084	U		<0.0084	U		<0.0082	U	
	20 ft	VMP-42-20-071912	7/19/2012	<0.0028	U		0.06			<0.028	U		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-42-20-101212	10/12/2012	<0.004	U		0.002	J		<0.04	U		<0.0074	U		<0.0074	U		<0.0073	U	
		VMP-42-20-101212-Dup	10/12/2012	0.003	J		0.0087			<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-42-20-013113	1/31/2013	<0.0038	U		<0.0049	J	U	<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
	30 ft	VMP-42-30-041912	4/19/2012	<2.8	U		<3.5	U		<28	U		<5.1	U		<5.1	U		<5	U	
		VMP-42-30-071912	7/19/2012	<0.0026	U		0.073		J	<0.026	U		<0.0048	U		<0.0048	U		<0.0047	U	
		VMP-42-30-101212	10/12/2012	<0.0043	U		0.0036	J		<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U	
		VMP-42-30-101212-Dup	10/12/2012	<0.0043	U		0.0034	J		<0.043	U		<0.0079	U		<0.0079	U		<0.0078	J	U
		VMP-42-30-013113	1/31/2013	<0.0041	U		<0.0052	J	U	<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-42-30-043013	4/30/2013	<0.0041	U		<0.0052	J	U	<0.041	J	U	<0.0076	U		<0.0076	U		<0.0075	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride		
				860			860												0.29		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-32	5 ft	VMP-32-5-042512	4/25/2012	0.0012	J		0.0012	J		<0.0046	J	U	<0.0046	J	U	0.0036	J		<0.0024	U	
		VMP-32-5-072012	7/20/2012	0.0011	J		0.0011	J		0.0022	J		0.00095	J		0.023			<0.0021	U	
		VMP-32-5-101812	10/18/2012	<0.009	U		<0.009	U		0.0013	J	J	<0.0078	U		0.22			<0.0041	U	
		VMP-32-5-020513	2/5/2013	<0.0071	J	U	<0.0071	J	U	<0.0062	J	U	<0.0062	U		0.0086			<0.0032	U	
		VMP-32-5-050713	5/7/2013	0.0017	J		0.0017	J		<0.0067	U		<0.0067	U		0.002	J		<0.0035	U	
	10 ft	VMP-32-10-041612	4/16/2012	0.0015	J		0.0015	J		<0.0042	U		<0.0042	U		0.0082			<0.0022	U	
		VMP-32-10-072012	7/20/2012	0.0015	J		0.0015	J		0.0015	J		<0.0048	U		0.016			<0.0025	U	
		VMP-32-10-101812	10/18/2012	<0.0083	U		<0.0083	U		<0.0073	U	UJ	<0.0073	U		0.093			<0.0038	U	
		VMP-32-10-020513	2/5/2013	<0.0071	J	U	<0.0071	J	U	<0.0062	U		<0.0062	U		0.0084			<0.0032	U	
		VMP-32-10-050713	5/7/2013	0.0021	J		0.0021	J		<0.0069	U		<0.0069	U		0.025			<0.0036	U	
	20 ft	VMP-32-20-041612	4/16/2012	<0.11	U		<0.11	U		<0.096	U		<0.096	U		24			<0.05	U	
		VMP-32-20-072012	7/20/2012	0.0012	J		0.0012	J		0.0011	J		<0.0047	U		0.0026	J		<0.0024	U	
		VMP-32-20-101812	10/18/2012	0.0015	J		0.0015	J		<0.0068	U	UJ	<0.0068	U		0.14			<0.0035	U	
		VMP-32-20-020513	2/5/2013	<0.0079	J	U	<0.0079	J	U	<0.0069	U		<0.0069	U		0.028			<0.0036	U	
		VMP-32-20-050713	5/7/2013	0.0016	J		0.0016	J		<0.0076	U		<0.0076	U		0.0022	J		<0.0039	U	
		VMP-32-20-050713-Dup	5/7/2013	0.0012	J		0.0012	J		<0.007	U		<0.007	U		0.002	J		<0.0036	U	
	30 ft	VMP-32-30-041612	4/16/2012	<2.6	U		<2.6	U		0.45	J		<2.3	U		710			<1.2	U	
		VMP-32-30-072012	7/20/2012	<5.4	U		<5.4	U		<4.7	U		<4.7	U		470			<2.5	U	
		VMP-32-30-101812	10/18/2012	<0.31	U		<0.31	U		<0.27	U		<0.27	U		27			<0.14	U	
		VMP-32-30-020513	2/5/2013	<0.32	U		<0.32	U		<0.28	U		<0.28	U		140			<0.14	U	
		VMP-32-30-050713	5/7/2013	<8.1	U		<8.1	U		15			8.4			1500			<3.7	U	
VMP-42	10 ft	VMP-42-10-041812	4/18/2012	0.0014	J		0.0014	J		<0.0042	U		<0.0042	U		0.3			<0.0022	U	
		VMP-42-10-041812-Dup	4/18/2012	<0.0049	U		<0.0049	U		<0.0043	U		<0.0043	U		0.26			<0.0022	U	
		VMP-42-20-041812	4/18/2012	<2.5	U		<2.5	U		<2.2	U		<2.2	U		66			<1.1	U	
		VMP-42-10-071912	7/19/2012	0.0018	J	J	0.0018	J	J	0.0024	J		<0.0047	J	U	0.0082			<0.0024	U	
		VMP-42-10-101212	10/12/2012	<0.0087	U		<0.0087	U		<0.0076	U		<0.0076	U		0.008			<0.0039	U	
		VMP-42-10-013113	1/31/2013	0.0012	J		0.0012	J		<0.0069	J	U	<0.0069	U		0.002	J		<0.0036	U	
		VMP-42-10-043013	4/30/2013	0.0015	J		0.0015	J		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U	
		VMP-42-20-043013	4/30/2013	0.0012	J		0.0012	J		<0.0075	U		<0.0075	U		0.00081	J		<0.0039	U	
	20 ft	VMP-42-20-071912	7/19/2012	0.0057	J	J	0.0057	J	J	0.0037	J		<0.0046	J	U	0.043			<0.0024	U	
		VMP-42-20-101212	10/12/2012	0.0015	J		0.0015	J		<0.0067	U		<0.0067	U		0.011			<0.0035	U	
		VMP-42-20-101212-Dup	10/12/2012	0.0018	J		0.0018	J		<0.0068	U		<0.0068	U		0.0039	J		<0.0035	U	
		VMP-42-20-013113	1/31/2013	0.0014	J		0.0014	J		<0.0063	U		<0.0063	U		0.0011	J		<0.0033	U	
	30 ft	VMP-42-30-041912	4/19/2012	<5.2	U		<5.2	U		<4.6	U		<4.6	U		390			<2.4	U	
		VMP-42-30-071912	7/19/2012	0.01	J	J	0.01	J	J	0.0051		J	0.0063		J	10	S		<0.0022	U	
		VMP-42-30-101212	10/12/2012	0.0069	J		0.0069	J		<0.0071	U		<0.0071	U		0.49			<0.0037	U	
		VMP-42-30-101212-Dup	10/12/2012	0.007	J		0.007	J		<0.0071	U		<0.0071	U		0.47			<0.0037	U	
		VMP-42-30-013113	1/31/2013	0.0034	J		0.0034	J		<0.0068	U		<0.0068	U		0.24			<0.0035	U	
		VMP-42-30-043013	4/30/2013	0.0026	J		0.0026	J		<0.0068	U		<0.0068	U		0.01			<0.0036	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	m,p-Xylenes			o-Xylenes			Isobutane			Isobutane			Pentane		
				130			120											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-32	5 ft	VMP-32-5-042512	4/25/2012	0.0069			0.0031	J										
		VMP-32-5-072012	7/20/2012	0.0035	J		0.0016	J										
		VMP-32-5-101812	10/18/2012	0.0027	J		<0.0069	U										
		VMP-32-5-020513	2/5/2013	<0.0055	U		<0.0055	U										
		VMP-32-5-050713	5/7/2013	<0.0059	U		<0.0059	U										
	10 ft	VMP-32-10-041612	4/16/2012	0.0042			<0.0037	U										
		VMP-32-10-072012	7/20/2012	0.0024	J		0.0011	J										
		VMP-32-10-101812	10/18/2012	0.0018	J		<0.0064	U										
		VMP-32-10-020513	2/5/2013	<0.0055	U		<0.0055	U										
		VMP-32-10-050713	5/7/2013	<0.0061	U		<0.0061	U										
	20 ft	VMP-32-20-041612	4/16/2012	0.046	J		<0.085	U										
		VMP-32-20-072012	7/20/2012	0.0014	J		<0.0041	U										
		VMP-32-20-101812	10/18/2012	0.0016	J		<0.006	U										
		VMP-32-20-020513	2/5/2013	<0.0061	U		<0.0061	U										
		VMP-32-20-050713	5/7/2013	0.0037	J		0.0022	J										
		VMP-32-20-050713-Dup	5/7/2013	0.0037	J		0.0021	J										
	30 ft	VMP-32-30-041612	4/16/2012	18			3.7											
		VMP-32-30-072012	7/20/2012	<4.2	U		<4.2	U										
		VMP-32-30-101812	10/18/2012	<0.24	U		<0.24	U										
		VMP-32-30-020513	2/5/2013	<0.24	U		<0.24	U										
		VMP-32-30-050713	5/7/2013	180			37											
VMP-42	10 ft	VMP-42-10-041812	4/18/2012	0.0098			0.0026	J										
		VMP-42-10-041812-Dup	4/18/2012	0.0089			0.0026	J										
		VMP-42-20-041812	4/18/2012	0.93	J		<1.9	U										
		VMP-42-10-071912	7/19/2012	0.014			0.0045											
		VMP-42-10-101212	10/12/2012	<0.0067	U		<0.0067	U										
		VMP-42-10-013113	1/31/2013	<0.0061	U		<0.0061	U										
		VMP-42-10-043013	4/30/2013	<0.0066	U		<0.0066	U										
		VMP-42-20-043013	4/30/2013	<0.0067	U		<0.0067	U										
	20 ft	VMP-42-20-071912	7/19/2012	0.019			0.0062											
		VMP-42-20-101212	10/12/2012	<0.0059	U		<0.0059	U										
		VMP-42-20-101212-Dup	10/12/2012	<0.006	J	U	<0.006	U										
		VMP-42-20-013113	1/31/2013	<0.0056	U		<0.0056	U										
	30 ft	VMP-42-30-041912	4/19/2012	<4.1	U		<4.1	U										
		VMP-42-30-071912	7/19/2012	0.032		J	0.0076		J									
		VMP-42-30-101212	10/12/2012	<0.0063	U		<0.0063	U										
		VMP-42-30-101212-Dup	10/12/2012	<0.0063	U		<0.0063	U										
		VMP-42-30-013113	1/31/2013	<0.006	U		<0.006	U										
		VMP-42-30-043013	4/30/2013	<0.006	U		<0.006	U										

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene		
				750000			0.37			450000			11			6.9					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012	0.073			0.56			<0.0066	U		<0.01	U		0.007	J		<0.0022	U	
		VMP-43-10-071912	7/19/2012	0.097			0.044			<0.012	U		<0.019	U		<0.073	U		<0.0041	U	
		VMP-43-10-101612	10/16/2012	0.04			0.022			<0.011	U		<0.016	U		<0.062	U		<0.0035	U	
		VMP-43-10-051713	5/17/2013	0.03	J		0.0022	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U	
	20 ft	VMP-43-20-041612	4/16/2012	0.093			0.091			<0.064	U		<0.099	U		<0.037	U		<0.021	U	
		VMP-43-20-071912	7/19/2012	0.1			0.077			<0.023	U		<0.036	U		<0.13	U		<0.0076	U	
		VMP-43-20-101812	10/18/2012	0.29			0.0026	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U	
		VMP-43-20-012413	1/24/2013	0.01	J		0.0021	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U	
		VMP-43-20-043013	4/30/2013	0.065			0.005			<0.01	U		<0.016	U		<0.061	U		<0.0035	U	
	30 ft	VMP-43-30-042312	4/23/2012	0.05	J		0.84			<0.059	U		<0.09	U		<0.034	U		<0.019	U	
		VMP-43-30-071912	7/19/2012	0.064			0.063			<0.0064	U		<0.0099	U		<0.037	J	U	<0.0021	U	
		VMP-43-30-101812	10/18/2012	0.02	J		0.29			0.0018	J		<0.014	U		<0.054	U		<0.003	U	
		VMP-43-30-012413	1/24/2013	0.0055	J		0.012			<0.009	U		<0.014	U		<0.052	U		<0.003	U	
		VMP-43-30-043013	4/30/2013	0.025	J		<0.0049	J	U	0.015			<0.016	U		<0.059	U		<0.0034	U	
VMP-44	10 ft	VMP-44-10-041912	4/19/2012	0.38	J		<1.5	U		<3.1	U		<4.7	U		<1.8	U		<1	U	
		VMP-44-10-072012	7/20/2012	<1.4	U		4.2		J	<1	U		<1.6	U		<0.6	U		<0.34	U	
		VMP-44-10-081012	8/10/2012	<0.87	U		3.3		J	<0.61	U		<0.94	U		<0.36	U		<0.2	U	
		VMP-44-10-101212	10/12/2012	<2.7	U		1.1			<1.9	U		<2.9	U		<1.1	U		<0.62	U	
		VMP-44-10-012513	1/25/2013	<1.1	U		0.53			<0.77	U		<1.2	U		<0.45	U		<0.25	U	
		VMP-44-10-042913	4/29/2013	<2.5	U		0.094	J		<0.71	U		<1.1	U		<4.1	U		<0.23	U	
	20 ft	VMP-44-20-041912	4/19/2012	0.53	J		4.1			<0.67	U		<1	U		<0.39	U		<0.22	U	
		VMP-44-20-072512	7/25/2012	<1.6	U		3		J	<1.1	U		<1.8	U		<0.67	U		<0.38	U	
		VMP-44-20-101212	10/12/2012	<5.4	U		1.5	J		<3.8	U		<5.9	U		<2.2	U		<1.3	U	
		VMP-44-20-012513	1/25/2013	<0.4	U		0.065	J		<0.28	U		<0.43	U		<0.16	U		<0.092	U	
		VMP-44-20-042913	4/29/2013	0.18	J		0.064	J		<0.32	U		<0.49	U		<1.8	U		<0.1	U	
	30 ft	VMP-44-30-041912	4/19/2012	0.53	J		32			<0.39	U		<0.6	U		<0.23	U		<0.13	U	
		VMP-44-30-072512	7/25/2012	0.072	J		14			<0.066	U		<0.1	U		<0.038	U		<0.022	U	
		VMP-44-30-072512-Dup	7/25/2012	0.06	J		14			<0.066	U		<0.1	U		<0.038	U		<0.022	U	
		VMP-44-30-101512	10/15/2012	<1.4	U		4			<0.4	U		<0.62	U		<2.3	U		<0.13	U	
		VMP-44-30-101512-Dup	10/15/2012	<1.3	U		3.9			<0.38	U		<0.58	U		<2.2	U		<0.12	U	
		VMP-44-30-012513	1/25/2013	15		J	0.037	J	J	<0.097	U	UJ	<0.15	U	UJ	<0.056	U	UJ	<0.032	U	UJ
		VMP-44-30-043013	4/30/2013	0.035	J		0.96			<0.034	U		<0.053	U		<0.2	U		<0.011	U	
VMP-45	10 ft	VMP-45-10-041912	4/19/2012	0.029			0.052			<0.0061	U		<0.0094	U		<0.036	U		<0.002	U	
		VMP-45-10-071912	7/19/2012	0.047			0.005			<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U	
		VMP-45-10-101512	10/15/2012	0.015	J		0.0036	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
		VMP-45-10-013013	1/30/2013	0.018	J		0.016			<0.0084	U		<0.013	U		<0.049	U		<0.0028	U	
		VMP-45-10-042913	4/29/2013	0.02	J		<0.0046	J	U	<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
	20 ft	VMP-45-20-041912	4/19/2012	0.072	J		0.63			<0.38	U		<0.59	U		<0.22	U		<0.13	U	
		VMP-45-20-071912	7/19/2012	0.47			0.018	J		<0.12	U		<0.18	U		<0.69	U		<0.039	U	
		VMP-45-20-101512	10/15/2012	0.016	J		0.0053			<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
		VMP-45-20-013013	1/30/2013	0.024	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U	
		VMP-45-20-042913	4/29/2013	0.02	J		0.013			<0.01	U		<0.016	U		<0.059	U		<0.0034	U	
		VMP-45-20-042913-Dup	4/29/2013	0.022	J		0.016			<0.01	U		<0.015	U		<0.058	U		<0.0033	U	
	30 ft	VMP-45-30-041912	4/19/2012	0.078	J	J	<0.12	U		<0.26	U		<0.39	U		<0.15	U		<0.084	U	
		VMP-45-30-071912	7/19/2012	<0.091	U		<0.03	U		<0.064	U		<0.099	U		<0.037	U		<0.021	U	
		VMP-45-30-101512	10/15/2012	0.025	J		0.0052			<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
		VMP-45-30-101512-Dup	10/15/2012	0.013	J		0.0051			<0.0091	U		<0.014	U		<0.053	U		<0.003	U	
		VMP-45-30-013013	1/30/2013	0.052	J		0.0058	J		<0.016	U		<0.025	U		<0.094	U		<0.0054	U	
		VMP-45-30-042913	4/29/2013	0.027	J		0.0062	J		<0.02	U		<0.03	U		<0.11	U		<0.0065	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Butane			Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			2-Butanone			Carbon disulfide		
																6400			780		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012	0.011												0.045			0.02		
		VMP-43-10-071912	7/19/2012	0.11	J	J										0.028			0.0059	J	
		VMP-43-10-101612	10/16/2012	<0.015	U											<0.019	U		0.015	J	
		VMP-43-10-051713	5/17/2013	0.049												0.0046	J		<0.019	U	
	20 ft	VMP-43-20-041612	4/16/2012	15												0.019	J		0.086		
		VMP-43-20-071912	7/19/2012	0.36	J	J										0.024	J		0.018	J	
		VMP-43-20-101812	10/18/2012	0.032												0.006	J		<0.016	U	
		VMP-43-20-012413	1/24/2013	0.016												<0.016	U		<0.016	J	U
		VMP-43-20-043013	4/30/2013	0.029												0.014	J		<0.02	J	U
	30 ft	VMP-43-30-042312	4/23/2012	0.13												0.02	J		0.012	J	
		VMP-43-30-071912	7/19/2012	0.072	J	J										0.017			0.011	J	
		VMP-43-30-101812	10/18/2012	0.0087	J											<0.016	U		<0.017	U	
		VMP-43-30-012413	1/24/2013	0.004	J											<0.016	U		<0.017	J	U
		VMP-43-30-043013	4/30/2013	0.012	J											0.018			<0.019	J	U
VMP-44	10 ft	VMP-44-10-041912	4/19/2012	110												<5.4	U		<1.4	U	
		VMP-44-10-072012	7/20/2012	26		J										<1.8	U		<0.48	U	
		VMP-44-10-081012	8/10/2012	18		J										<1.1	U		<0.28	U	
		VMP-44-10-101212	10/12/2012	<2.7	U											<3.3	U		<0.88	U	
		VMP-44-10-012513	1/25/2013	3.1												<1.4	U		<0.36	U	
		VMP-44-10-042913	4/29/2013	<1	U											<1.2	U		<1.3	U	
	20 ft	VMP-44-20-041912	4/19/2012	130												<1.2	U		0.35		
		VMP-44-20-072512	7/25/2012	75		J										<2	U		0.061	J	J
		VMP-44-20-101212	10/12/2012	9.4												<6.7	U		<1.8	U	
		VMP-44-20-012513	1/25/2013	0.46												<0.49	U		<0.13	U	
		VMP-44-20-042913	4/29/2013	<0.45	U											<0.56	U		<0.59	U	
	30 ft	VMP-44-30-041912	4/19/2012	77												<0.69	U		0.038	J	
		VMP-44-30-072512	7/25/2012	7.4												0.012	J		0.28		
		VMP-44-30-072512-Dup	7/25/2012	7.3												0.016	J		0.28		
		VMP-44-30-101512	10/15/2012	7												<0.71	U		<0.75	U	
		VMP-44-30-101512-Dup	10/15/2012	6.9												<0.67	U		0.22	J	J
		VMP-44-30-012513	1/25/2013	0.042	J	J										<0.17	U	UJ	<0.045	U	UJ
		VMP-44-30-043013	4/30/2013	1.6												<0.061	U		0.038	J	
VMP-45	10 ft	VMP-45-10-041912	4/19/2012	<0.0087	U											0.023			<0.011	J	U
		VMP-45-10-071912	7/19/2012	(ppbV)	J	J										0.042			0.0055	J	
		VMP-45-10-101512	10/15/2012	<0.014	U											<0.017	U		<0.018	J	U
		VMP-45-10-013013	1/30/2013	0.005	J											<0.015	U		<0.016	J	U
		VMP-45-10-042913	4/29/2013	<0.014	U											<0.017	U		<0.018	J	U
	20 ft	VMP-45-20-041912	4/19/2012	0.72												<0.67	U		<0.18	U	
		VMP-45-20-071912	7/19/2012	0.21	J	J										0.032	J		0.26		
		VMP-45-20-101512	10/15/2012	0.048												<0.016	U		<0.017	U	
		VMP-45-20-013013	1/30/2013	0.021												0.0036	J		<0.016	J	U
		VMP-45-20-042913	4/29/2013	0.011	J											0.005	J		<0.019	J	U
		VMP-45-20-042913-Dup	4/29/2013	0.016												0.0062	J		<0.018	J	U
	30 ft	VMP-45-30-041912	4/19/2012	4.9		J										<0.45	U		0.036	J	J
		VMP-45-30-071912	7/19/2012	0.08	J											<0.11	U		<0.03	U	
		VMP-45-30-101512	10/15/2012	0.034												0.0064	J		<0.017	U	
		VMP-45-30-101512-Dup	10/15/2012	0.04												<0.016	U		<0.017	J	U
		VMP-45-30-013013	1/30/2013	0.011	J											<0.028	U		<0.03	J	U
		VMP-45-30-042913	4/29/2013	<0.028	U											<0.035	U		<0.037	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane		
				0.21			69			57000						0.11					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012	<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		0.0024	J	
		VMP-43-10-071912	7/19/2012	<0.012	U		<0.0086	U		<0.016	U		<0.02	U		0.0018	J		<0.039	U	
		VMP-43-10-101612	10/16/2012	<0.01	U		<0.0073	U		<0.014	U		<0.017	U		<0.0078	U		<0.033	U	
		VMP-43-10-051713	5/17/2013	<0.0096	U		<0.0071	U		<0.013	U		<0.016	U		<0.0075	U		<0.032	U	
	20 ft	VMP-43-20-041612	4/16/2012	<0.06	U		<0.044	U		<0.081	U		<0.1	U		<0.047	U		<0.079	U	
		VMP-43-20-071912	7/19/2012	<0.022	U		<0.016	U		<0.029	U		<0.036	U		0.0031	J		<0.071	U	
		VMP-43-20-101812	10/18/2012	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0053	J		<0.027	U	
		VMP-43-20-012413	1/24/2013	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0022	J		<0.027	U	
		VMP-43-20-043013	4/30/2013	<0.0099	U		<0.0073	J	U	<0.013	U		<0.017	U		<0.0077	J	U	<0.033	U	
	30 ft	VMP-43-30-042312	4/23/2012	<0.055	U		<0.04	U		<0.074	U		<0.092	U		<0.043	U		<0.072	U	
		VMP-43-30-071912	7/19/2012	<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		0.0017	J		<0.02	J	U
		VMP-43-30-101812	10/18/2012	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0082			<0.028	U	
		VMP-43-30-012413	1/24/2013	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U	
		VMP-43-30-043013	4/30/2013	<0.0096	U		<0.007	J	U	<0.013	J	U	<0.016	U		0.035			<0.031	U	
VMP-44	10 ft	VMP-44-10-041912	4/19/2012	<2.9	U		<2.1	U		<3.9	U		<4.8	U		<2.2	U		<3.8	U	
		VMP-44-10-072012	7/20/2012	<0.96	U		<0.71	U		<1.3	U		<1.6	U		<0.75	U		<1.3	U	
		VMP-44-10-081012	8/10/2012	<0.58	U		<0.42	U		<0.78	U		<0.96	U		<0.45	U		<0.76	U	
		VMP-44-10-101212	10/12/2012	<1.8	U		<1.3	U		<2.4	U		<3	U		<1.4	U		<2.3	U	
		VMP-44-10-012513	1/25/2013	<0.72	U		<0.53	U		<0.98	U		<1.2	U		<0.56	U		<0.95	U	
		VMP-44-10-042913	4/29/2013	<0.66	U		<0.48	U		<0.9	U		<1.1	U		<0.52	U		<2.2	U	
	20 ft	VMP-44-20-041912	4/19/2012	<0.63	U		<0.46	U		<0.86	U		<1.1	U		<0.49	U		<0.83	U	
		VMP-44-20-072512	7/25/2012	<1.1	U		<0.79	U		<1.5	U		<1.8	U		<0.84	U		<1.4	U	
		VMP-44-20-101212	10/12/2012	<3.6	U		<2.6	U		<4.8	U		<6	U		<2.8	U		<4.7	U	
		VMP-44-20-012513	1/25/2013	<0.26	U		<0.19	U		<0.35	U		<0.44	U		<0.2	U		<0.34	U	
		VMP-44-20-042913	4/29/2013	<0.3	U		<0.22	U		<0.4	U		<0.5	U		<0.23	U		<0.98	U	
	30 ft	VMP-44-30-041912	4/19/2012	<0.37	U		<0.27	U		<0.5	U		<0.62	U		<0.28	U		<0.48	U	
		VMP-44-30-072512	7/25/2012	<0.062	U		<0.045	U		<0.083	U		<0.1	U		<0.048	U		<0.081	U	
		VMP-44-30-072512-Dup	7/25/2012	<0.062	U		<0.045	U		<0.083	U		<0.1	U		<0.048	U		<0.081	U	
		VMP-44-30-101512	10/15/2012	<0.38	U		<0.28	U		<0.52	U		<0.64	U		<0.3	U		<1.2	U	
		VMP-44-30-101512-Dup	10/15/2012	<0.36	U		<0.26	U		<0.48	U		<0.6	U		<0.28	U		<1.2	U	
		VMP-44-30-012513	1/25/2013	<0.092	U	UJ	<0.067	U	UJ	<0.12	U	UJ	<0.15	U	UJ	<0.071	U	UJ	<0.12	U	UJ
		VMP-44-30-043013	4/30/2013	<0.032	U		<0.024	U		<0.044	U		<0.054	U		<0.025	U		<0.11	U	
VMP-45	10 ft	VMP-45-10-041912	4/19/2012	<0.0058	U		<0.0042	U		<0.0078	U		<0.0096	U		<0.0045	U		<0.019	U	
		VMP-45-10-071912	7/19/2012	<0.0059	U		<0.0043	U		<0.008	U		<0.0099	U		0.0022	J		<0.019	J	U
		VMP-45-10-101512	10/15/2012	<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.0052	J		<0.03	U	
		VMP-45-10-013013	1/30/2013	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U	
		VMP-45-10-042913	4/29/2013	<0.0091	U		<0.0066	J	U	<0.012	U		<0.015	U		<0.007	U		<0.03	U	
	20 ft	VMP-45-20-041912	4/19/2012	<0.36	U		<0.26	U		<0.48	U		<0.6	U		<0.28	U		<0.47	U	
		VMP-45-20-071912	7/19/2012	<0.11	U		<0.082	U		<0.15	U		<0.19	U		0.013	J		<0.37	U	
		VMP-45-20-101512	10/15/2012	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.016			<0.028	U	
		VMP-45-20-013013	1/30/2013	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.011			<0.027	U	
		VMP-45-20-042913	4/29/2013	<0.0096	U		<0.007	J	U	<0.013	U		<0.016	U		<0.0074	U		<0.031	U	
		VMP-45-20-042913-Dup	4/29/2013	<0.0094	U		<0.0068	J	U	<0.013	U		<0.016	U		<0.0073	U		<0.031	U	
	30 ft	VMP-45-30-041912	4/19/2012	<0.24	U		<0.18	U		<0.32	U		<0.4	U		<0.19	U		<0.32	U	
		VMP-45-30-071912	7/19/2012	<0.06	U		<0.044	U		<0.081	U		<0.1	U		<0.047	U		<0.079	U	
		VMP-45-30-101512	10/15/2012	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.02			<0.028	U	
		VMP-45-30-101512-Dup	10/15/2012	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.021			<0.028	U	
		VMP-45-30-013013	1/30/2013	<0.015	U		<0.011	U		<0.021	U		<0.026	U		0.0086	J		<0.05	U	
		VMP-45-30-042913	4/29/2013	<0.018	U		<0.014	J	U	<0.025	U		<0.031	U		<0.014	U		<0.061	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	alpha-Chlorotoluene			Cyclobutane, ethyl-			Cyclohexane			Cyclopentane, methyl-			1,2-Dibromoethane			1,2-Dichlorobenzene		
																0.011			290		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012	<0.0051	U					0.011						<0.0075	U		<0.0059	U	
		VMP-43-10-071912	7/19/2012	<0.0097	U					0.01						<0.014	U		<0.011	U	
		VMP-43-10-101612	10/16/2012	<0.0082	U					<0.0055	U					<0.012	U		<0.0096	U	
		VMP-43-10-051713	5/17/2013	<0.0079	J	U				0.015						<0.012	U		<0.0092	U	
	20 ft	VMP-43-20-041612	4/16/2012	<0.049	U					0.55						<0.073	U		<0.057	U	
		VMP-43-20-071912	7/19/2012	<0.018	U					0.0097	J					<0.026	U		<0.021	U	
		VMP-43-20-101812	10/18/2012	<0.0068	U					<0.0045	U					<0.01	U		<0.0079	U	
		VMP-43-20-012413	1/24/2013	<0.0068	U					<0.0045	U					<0.01	U		<0.0079	U	
		VMP-43-20-043013	4/30/2013	<0.0082	J	U				<0.0054	U					<0.012	U		<0.0095	U	
	30 ft	VMP-43-30-042312	4/23/2012	<0.18	U					0.0054	J					<0.067	U		<0.053	U	
		VMP-43-30-071912	7/19/2012	<0.0049	U					0.0052						<0.0073	U		<0.0057	U	
		VMP-43-30-101812	10/18/2012	<0.0071	U					0.0025	J					<0.011	U		<0.0083	U	
		VMP-43-30-012413	1/24/2013	<0.007	U					<0.0046	U					<0.01	U		<0.0081	U	
		VMP-43-30-043013	4/30/2013	<0.0079	U					<0.0052	U					<0.012	U		<0.0092	U	
VMP-44	10 ft	VMP-44-10-041912	4/19/2012	<2.4	U					220						<3.5	U		<2.8	U	
		VMP-44-10-072012	7/20/2012	<0.79	U					<0.53	U					<1.2	U		<0.92	U	
		VMP-44-10-081012	8/10/2012	<0.47	U					<0.31	U					<0.7	U		<0.55	U	
		VMP-44-10-101212	10/12/2012	<1.4	U					13						<2.2	U		<1.7	U	
		VMP-44-10-012513	1/25/2013	<0.6	U					9.3						<0.88	U		<0.69	U	
		VMP-44-10-042913	4/29/2013	<0.55	U					0.55						<0.81	U		<0.63	U	
	20 ft	VMP-44-20-041912	4/19/2012	<0.52	U					110						<0.77	U		<0.6	U	
		VMP-44-20-072512	7/25/2012	<0.89	U					120		J				<1.3	U		<1	U	
		VMP-44-20-101212	10/12/2012	<3	U					29						<4.4	U		<3.4	U	
		VMP-44-20-012513	1/25/2013	<0.22	U					3.2						<0.32	U		<0.25	U	
		VMP-44-20-042913	4/29/2013	<0.24	U					1.1						<0.36	U		<0.28	U	
	30 ft	VMP-44-30-041912	4/19/2012	<0.3	U					13						<0.45	U		<0.35	U	
		VMP-44-30-072512	7/25/2012	<0.051	U					2.1						<0.075	U		<0.059	U	
		VMP-44-30-072512-Dup	7/25/2012	<0.051	U					2.1						<0.075	U		<0.059	U	
		VMP-44-30-101512	10/15/2012	<0.31	U					5.9						<0.46	U		<0.36	U	
		VMP-44-30-101512-Dup	10/15/2012	<0.29	U					5.7						<0.43	U		<0.34	U	
		VMP-44-30-012513	1/25/2013	<0.075	U	UJ				0.022	J	J				<0.11	U	UJ	<0.087	U	UJ
		VMP-44-30-043013	4/30/2013	<0.027	U					0.68						<0.04	U		<0.031	U	
VMP-45	10 ft	VMP-45-10-041912	4/19/2012	<0.0047	U					0.0012	J					<0.007	U		<0.0055	U	
		VMP-45-10-071912	7/19/2012	<0.0048	U					0.0018	J					<0.0072	U		<0.0056	U	
		VMP-45-10-101512	10/15/2012	<0.0075	U					0.00093	J					<0.011	U		<0.0087	U	
		VMP-45-10-013013	1/30/2013	<0.0065	U					<0.0043	U					<0.0097	U		<0.0076	U	
		VMP-45-10-042913	4/29/2013	<0.0075	U					<0.005	U					<0.011	U		<0.0087	U	
	20 ft	VMP-45-20-041912	4/19/2012	<0.3	U					2.4						<0.44	U		<0.34	U	
		VMP-45-20-071912	7/19/2012	<0.092	U					0.22						<0.14	U		<0.11	U	
		VMP-45-20-101512	10/15/2012	<0.0071	U					0.0064						<0.011	U		<0.0083	U	
		VMP-45-20-013013	1/30/2013	<0.0068	U					<0.0045	U					<0.01	U		<0.0079	U	
		VMP-45-20-042913	4/29/2013	<0.0079	U					0.0051						<0.012	U		<0.0092	U	
		VMP-45-20-042913-Dup	4/29/2013	<0.0077	U					0.0079						<0.011	U		<0.009	U	
	30 ft	VMP-45-30-041912	4/19/2012	<0.2	U					3.4		J				<0.29	U		<0.23	U	
		VMP-45-30-071912	7/19/2012	<0.049	U					0.072						<0.073	U		<0.057	U	
		VMP-45-30-101512	10/15/2012	<0.0071	U					0.0071						<0.011	U		<0.0083	U	
		VMP-45-30-101512-Dup	10/15/2012	<0.0071	U					0.0075						<0.01	U		<0.0082	U	
		VMP-45-30-013013	1/30/2013	<0.012	U					<0.0083	U					<0.018	U		<0.014	U	
		VMP-45-30-042913	4/29/2013	<0.015	U					<0.01	U					<0.022	U		<0.018	J	U

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
							1200						690			0.099			240		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012	<0.0059	U		<0.0059	J	U	0.0025	J		<0.004	U		<0.004	J	U	<0.0039	U	
		VMP-43-10-071912	7/19/2012	<0.011	U		<0.011	U		0.0021	J		<0.0076	U		<0.0076	U		<0.0074	U	
		VMP-43-10-101612	10/16/2012	<0.0096	U		<0.0096	U		0.0022	J		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-43-10-051713	5/17/2013	<0.0092	J	U	<0.0092	J	U	0.002	J		<0.0062	U		<0.0062	U		<0.0061	U	
	20 ft	VMP-43-20-041612	4/16/2012	<0.057	U		<0.057	U		<0.047	U		<0.039	U		<0.039	U		<0.038	U	
		VMP-43-20-071912	7/19/2012	<0.021	U		<0.021	U		0.0046	J		<0.014	U		<0.014	U		<0.014	U	
		VMP-43-20-101812	10/18/2012	<0.0079	U		<0.0079	U		0.0031	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-43-20-012413	1/24/2013	<0.0079	U		<0.0079	U		0.0031	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-43-20-043013	4/30/2013	<0.0095	U		<0.0095	J	U	0.0034	J		<0.0064	U		<0.0064	U		<0.0063	U	
	30 ft	VMP-43-30-042312	4/23/2012	<0.053	U		<0.053	U		<0.043	U		<0.035	U		<0.035	U		<0.035	U	
		VMP-43-30-071912	7/19/2012	<0.0057	U		0.0011	J		0.003	J		<0.0039	U		<0.0039	U		<0.0038	U	
		VMP-43-30-101812	10/18/2012	<0.0083	U		<0.0083	U		0.0025	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-43-30-012413	1/24/2013	<0.0081	U		<0.0081	U		0.0026	J		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-43-30-043013	4/30/2013	<0.0092	U		<0.0092	J	U	0.0023	J		<0.0062	U		<0.0062	U		<0.006	U	
VMP-44	10 ft	VMP-44-10-041912	4/19/2012	<2.8	U		<2.8	U		<2.3	U		<1.8	U		<1.8	U		<1.8	U	
		VMP-44-10-072012	7/20/2012	<0.92	U		<0.92	U		<0.76	U		<0.62	U		<0.62	U		<0.61	U	
		VMP-44-10-081012	8/10/2012	<0.55	U		<0.55	U		<0.45	U		<0.37	U		<0.37	U		<0.36	U	
		VMP-44-10-101212	10/12/2012	<1.7	U		<1.7	U		<1.4	U		<1.1	U		<1.1	U		<1.1	U	
		VMP-44-10-012513	1/25/2013	<0.69	U		<0.69	U		<0.57	U		<0.46	U		<0.46	U		<0.46	U	
		VMP-44-10-042913	4/29/2013	<0.63	U		<0.63	U		<0.52	U		<0.43	U		<0.43	U		<0.42	U	
	20 ft	VMP-44-20-041912	4/19/2012	<0.6	U		<0.6	U		<0.5	U		<0.41	U		<0.41	U		<0.4	U	
		VMP-44-20-072512	7/25/2012	<1	U		<1	U		<0.85	U		<0.69	U		<0.69	U		<0.68	U	
		VMP-44-20-101212	10/12/2012	<3.4	U		<3.4	U		<2.8	U		<2.3	U		<2.3	U		<2.3	U	
		VMP-44-20-012513	1/25/2013	<0.25	U		<0.25	U		<0.2	U		<0.17	U		<0.17	U		<0.16	U	
		VMP-44-20-042913	4/29/2013	<0.28	U		<0.28	U		<0.23	U		<0.19	U		<0.19	U		<0.19	U	
	30 ft	VMP-44-30-041912	4/19/2012	<0.35	U		<0.35	U		<0.29	U		<0.24	U		<0.24	U		<0.23	U	
		VMP-44-30-072512	7/25/2012	<0.059	U		<0.059	U		<0.048	U		<0.04	U		<0.04	U		<0.039	U	
		VMP-44-30-072512-Dup	7/25/2012	<0.059	U		<0.059	U		<0.048	U		<0.04	U		<0.04	U		<0.039	U	
		VMP-44-30-101512	10/15/2012	<0.36	U		<0.36	U		<0.3	U		<0.24	U		<0.24	U		<0.24	U	
		VMP-44-30-101512-Dup	10/15/2012	<0.34	U		<0.34	U		<0.28	U		<0.23	U		<0.23	U		<0.22	U	
		VMP-44-30-012513	1/25/2013	<0.087	U	UJ	<0.087	U	UJ	<0.072	U	UJ	<0.059	U	UJ	<0.059	U	UJ	<0.058	U	UJ
		VMP-44-30-043013	4/30/2013	<0.031	U		<0.031	U		<0.025	U		<0.021	U		<0.021	U		<0.02	U	
VMP-45	10 ft	VMP-45-10-041912	4/19/2012	<0.0055	U		<0.0055	U		0.0028	J		<0.0037	U		<0.0037	J	U	<0.0036	U	
		VMP-45-10-071912	7/19/2012	<0.0056	U		<0.0056	U		0.0026	J		<0.0038	U		<0.0038	U		<0.0037	U	
		VMP-45-10-101512	10/15/2012	<0.0087	U		<0.0087	U		0.0021	J		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-45-10-013013	1/30/2013	<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-45-10-042913	4/29/2013	<0.0087	U		<0.0087	U		0.0026	J		<0.0058	U		<0.0058	U		<0.0057	U	
	20 ft	VMP-45-20-041912	4/19/2012	<0.34	U		<0.34	U		<0.28	U		<0.23	U		<0.23	U		<0.23	U	
		VMP-45-20-071912	7/19/2012	<0.11	U		<0.11	U		<0.088	U		<0.072	U		<0.072	U		<0.07	U	
		VMP-45-20-101512	10/15/2012	<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-45-20-013013	1/30/2013	<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-45-20-042913	4/29/2013	<0.0092	U		<0.0092	U		0.0022	J		<0.0062	U		<0.0062	U		<0.006	U	
		VMP-45-20-042913-Dup	4/29/2013	<0.009	U		<0.009	J	U	0.0026	J		<0.006	U		<0.006	U		<0.0059	U	
	30 ft	VMP-45-30-041912	4/19/2012	<0.23	U		<0.23	U		<0.19	U		<0.15	U		<0.15	U		<0.15	U	
		VMP-45-30-071912	7/19/2012	<0.057	U		<0.057	U		<0.047	U		<0.039	U		<0.039	U		<0.038	U	
		VMP-45-30-101512	10/15/2012	<0.0083	U		<0.0083	J	U	0.0025	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-45-30-101512-Dup	10/15/2012	<0.0082	U		<0.0082	U		0.003	J		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-45-30-013013	1/30/2013	<0.014	U		<0.014	U		0.0018	J		<0.0098	U		<0.0098	U		<0.0096	U	
		VMP-45-30-042913	4/29/2013	<0.018	U		<0.018	U		0.0026	J		<0.012	U		<0.012	U		<0.012	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene		
				1100000			85			5.6			0.062			0.9			0.9		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012	<0.0039	U		<0.0039	U		<0.034	J	U	<0.0045	U		<0.0044	U		<0.0044	J	U
		VMP-43-10-071912	7/19/2012	<0.0074	U		<0.0074	U		<0.065	J	U	<0.0086	U		<0.0085	U		<0.0085	U	
		VMP-43-10-101612	10/16/2012	<0.0063	U		<0.0063	U		<0.055	U		<0.0074	U		<0.0072	U		<0.0072	U	
		VMP-43-10-051713	5/17/2013	<0.0061	U		<0.0061	U		<0.053	J	U	<0.0071	U		<0.007	U		<0.007	J	U
	20 ft	VMP-43-20-041612	4/16/2012	<0.038	U		<0.038	U		<0.033	U		<0.044	U		<0.043	U		<0.043	U	
		VMP-43-20-071912	7/19/2012	<0.014	U		<0.014	U		0.003	J		<0.016	U		<0.016	U		<0.016	U	
		VMP-43-20-101812	10/18/2012	<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U	
		VMP-43-20-012413	1/24/2013	<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U	
		VMP-43-20-043013	4/30/2013	<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	J	U
	30 ft	VMP-43-30-042312	4/23/2012	<0.035	U		<0.035	U		<0.03	U		<0.04	U		<0.04	U		<0.04	U	
		VMP-43-30-071912	7/19/2012	<0.0038	U		<0.0038	U		0.0022	J		<0.0044	U		<0.0043	U		<0.0043	U	
		VMP-43-30-101812	10/18/2012	<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-43-30-012413	1/24/2013	<0.0053	U		<0.0053	U		<0.047	J	U	<0.0062	U		<0.0061	U		<0.0061	U	
		VMP-43-30-043013	4/30/2013	<0.006	U		<0.006	U		<0.053	J	U	<0.007	U		<0.0069	U		<0.0069	J	U
VMP-44	10 ft	VMP-44-10-041912	4/19/2012	<1.8	U		<1.8	U		<1.6	U		<2.1	U		<2.1	U		<2.1	U	
		VMP-44-10-072012	7/20/2012	<0.61	U		<0.61	U		<0.53	U		<0.71	U		<0.7	U		<0.7	U	
		VMP-44-10-081012	8/10/2012	<0.36	U		<0.36	U		<0.32	U		<0.42	U		<0.42	U		<0.42	U	
		VMP-44-10-101212	10/12/2012	<1.1	U		<1.1	U		<0.98	U		<1.3	U		<1.3	U		<1.3	U	
		VMP-44-10-012513	1/25/2013	<0.46	U		<0.46	U		0.077	J		<0.53	U		<0.52	U		<0.52	U	
		VMP-44-10-042913	4/29/2013	<0.42	U		<0.42	U		<3.7	U		<0.49	U		<0.48	U		<0.48	U	
	20 ft	VMP-44-20-041912	4/19/2012	<0.4	U		<0.4	U		<0.35	U		<0.46	U		<0.46	U		<0.46	U	
		VMP-44-20-072512	7/25/2012	<0.68	U		<0.68	U		<0.6	U		<0.79	U		<0.78	U		<0.78	U	
		VMP-44-20-101212	10/12/2012	<2.2	U		<2.2	U		<2	U		<2.6	U		<2.6	U		<2.6	U	
		VMP-44-20-012513	1/25/2013	<0.16	U		<0.16	U		0.036	J		<0.19	U		<0.19	U		<0.19	U	
		VMP-44-20-042913	4/29/2013	<0.19	U		<0.19	U		<1.6	U		<0.22	U		<0.22	U		<0.22	U	
	30 ft	VMP-44-30-041912	4/19/2012	<0.23	U		<0.23	U		<0.2	U		<0.27	U		<0.26	U		<0.26	U	
		VMP-44-30-072512	7/25/2012	<0.039	U		<0.039	U		<0.034	U		<0.045	U		<0.044	U		<0.044	U	
		VMP-44-30-072512-Dup	7/25/2012	<0.039	U		<0.039	U		<0.034	U		<0.045	U		<0.044	U		<0.044	U	
		VMP-44-30-101512	10/15/2012	<0.24	U		<0.24	U		<2.1	U		<0.28	U		<0.27	U		<0.27	U	
		VMP-44-30-101512-Dup	10/15/2012	<0.22	U		<0.22	U		<2	U		<0.26	U		<0.26	U		<0.26	U	
		VMP-44-30-012513	1/25/2013	<0.058	U	UJ	<0.058	U	UJ	<0.05	J	UJ	<0.067	U	UJ	<0.066	U	UJ	<0.066	U	UJ
		VMP-44-30-043013	4/30/2013	<0.02	U		<0.02	U		<0.18	J	U	<0.024	U		<0.023	U		<0.023	U	
VMP-45	10 ft	VMP-45-10-041912	4/19/2012	<0.0036	U		<0.0036	U		<0.032	J	U	<0.0042	U		<0.0042	U		<0.0042	U	
		VMP-45-10-071912	7/19/2012	<0.0037	U		<0.0037	U		<0.032	J	U	<0.0043	U		<0.0042	U		<0.0042	U	
		VMP-45-10-101512	10/15/2012	<0.0058	U		<0.0058	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-45-10-013013	1/30/2013	<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-45-10-042913	4/29/2013	<0.0057	U		<0.0057	U		0.0051	J		<0.0067	U		<0.0066	U		<0.0066	U	
	20 ft	VMP-45-20-041912	4/19/2012	<0.22	U		<0.22	U		<0.2	U		<0.26	U		<0.26	U		<0.26	U	
		VMP-45-20-071912	7/19/2012	<0.07	U		<0.07	U		0.6	J		<0.082	U		<0.081	U		<0.081	U	
		VMP-45-20-101512	10/15/2012	<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-45-20-013013	1/30/2013	<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U	
		VMP-45-20-042913	4/29/2013	<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U	
		VMP-45-20-042913-Dup	4/29/2013	<0.0059	U		<0.0059	U		<0.052	J	U	<0.0069	U		<0.0068	U		<0.0068	U	
	30 ft	VMP-45-30-041912	4/19/2012	<0.15	U		<0.15	U		<0.13	U		<0.18	U		<0.17	U		<0.17	U	
		VMP-45-30-071912	7/19/2012	<0.038	U		<0.038	U		<0.033	U		<0.044	U		<0.043	U		<0.043	U	
		VMP-45-30-101512	10/15/2012	<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-45-30-101512-Dup	10/15/2012	<0.0054	U		<0.0054	U		<0.047	J	U	<0.0063	U		<0.0062	U		<0.0062	U	
		VMP-45-30-013013	1/30/2013	<0.0096	U		<0.0096	U		<0.084	U		<0.011	U		<0.011	U		<0.011	U	
		VMP-45-30-042913	4/29/2013	<0.012	U		<0.012	U		<0.1	U		<0.014	U		<0.013	U		<0.013	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 113		
				0.22						1400											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012	<0.014	U		0.05		J	0.0036	J		0.0022	J		<0.0075	U		<0.0075	U	
		VMP-43-10-071912	7/19/2012	<0.027	U		0.064			0.009			0.0042	J		<0.014	U		<0.014	U	
		VMP-43-10-101612	10/16/2012	<0.023	U		0.0081	J		<0.0069	U		<0.0078	U		<0.012	U		<0.012	U	
		VMP-43-10-051713	5/17/2013	<0.022	U		0.0099	J		0.012			0.0083		J	<0.012	U		<0.012	U	
	20 ft	VMP-43-20-041612	4/16/2012	<0.14	U		<0.072	U		0.014	J		0.017	J		<0.073	U		<0.073	U	
		VMP-43-20-071912	7/19/2012	<0.05	U		0.13			0.0065	J		<0.017	U		<0.026	U		<0.026	U	
		VMP-43-20-101812	10/18/2012	<0.019	U		0.063			<0.0057	U		<0.0065	U		<0.01	U		<0.01	U	
		VMP-43-20-012413	1/24/2013	<0.019	U		0.0037	J		<0.0057	U		<0.0065	U		<0.01	U		<0.01	U	
		VMP-43-20-043013	4/30/2013	<0.023	U		0.014			<0.0069	U		<0.0078	U		<0.012	U		<0.012	U	
	30 ft	VMP-43-30-042312	4/23/2012	<0.13	U		0.14			<0.038	U		<0.043	U		<0.067	U		<0.067	U	
		VMP-43-30-071912	7/19/2012	<0.014	U		0.087			0.0075			0.0052			<0.0073	U		<0.0073	U	
		VMP-43-30-101812	10/18/2012	<0.02	U		0.014			<0.006	U		<0.0068	U		<0.01	U		<0.01	U	
		VMP-43-30-012413	1/24/2013	<0.019	U		0.0066	J		<0.0058	U		<0.0066	U		<0.01	U		<0.01	U	
		VMP-43-30-043013	4/30/2013	<0.022	U		0.022			<0.0066	U		<0.0075	U		<0.012	U		<0.012	U	
VMP-44	10 ft	VMP-44-10-041912	4/19/2012	<6.6	U		<3.4	U		<2	U		<2.2	U		<3.5	U		<3.5	U	
		VMP-44-10-072012	7/20/2012	<2.2	U		<1.2	U		0.1	J	J	0.51	J	J	<1.2	U		<1.2	U	
		VMP-44-10-081012	8/10/2012	<1.3	U		<0.69	U		0.24	J	J	0.4	J	J	<0.7	U		<0.7	U	
		VMP-44-10-101212	10/12/2012	<4.1	U		<2.1	U		0.19	J		<1.4	U		<2.2	U		<2.2	U	
		VMP-44-10-012513	1/25/2013	<1.6	U		<0.87	U		<0.5	U		<0.56	U		<0.88	U		<0.88	U	
		VMP-44-10-042913	4/29/2013	<1.5	U		<0.8	U		<0.46	U		<0.52	U		<0.81	U		<0.81	U	
	20 ft	VMP-44-20-041912	4/19/2012	<1.4	U		<0.76	U		1.1			0.33	J	J	<0.77	U		<0.77	U	
		VMP-44-20-072512	7/25/2012	<2.5	U		<1.3	U		<0.74	U		<0.84	U		<1.3	U		<1.3	U	
		VMP-44-20-101212	10/12/2012	<8.2	U		0.68	J		<2.5	U		<2.8	U		<4.4	U		<4.4	U	
		VMP-44-20-012513	1/25/2013	<0.6	U		<0.31	U		<0.18	U		<0.2	U		<0.32	U		<0.32	U	
		VMP-44-20-042913	4/29/2013	<0.68	U		<0.36	U		<0.21	U		<0.23	U		<0.36	U		<0.36	U	
	30 ft	VMP-44-30-041912	4/19/2012	<0.84	U		<0.44	U		1.6			0.52	J	J	<0.45	U		<0.45	U	
		VMP-44-30-072512	7/25/2012	<0.14	U		0.094	J	J	0.82			0.17			<0.075	U		<0.075	U	
		VMP-44-30-072512-Dup	7/25/2012	<0.14	U		0.092	J	J	0.83			0.16			<0.075	U		<0.075	U	
		VMP-44-30-101512	10/15/2012	<0.87	U		<0.46	U		<0.26	U		<0.3	U		<0.46	U		<0.46	U	
		VMP-44-30-101512-Dup	10/15/2012	<0.81	U		<0.42	U		<0.24	U		<0.28	U		<0.43	U		<0.43	U	
		VMP-44-30-012513	1/25/2013	<0.21	U	UJ	<0.11	J	UJ	<0.063	U	UJ	<0.072	U	UJ	<0.11	U	UJ	<0.11	U	UJ
		VMP-44-30-043013	4/30/2013	<0.074	U		0.012	J		0.12			0.046			<0.039	U		<0.039	U	
VMP-45	10 ft	VMP-45-10-041912	4/19/2012	<0.013	U		0.019		J	0.0017	J		<0.0045	U		<0.007	U		<0.007	U	
		VMP-45-10-071912	7/19/2012	0.0034	J		0.042			0.0055			0.0019	J		<0.0072	U		<0.0072	U	
		VMP-45-10-101512	10/15/2012	<0.021	U		<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.011	U	
		VMP-45-10-013013	1/30/2013	<0.018	U		0.022			<0.0055	U		<0.0062	U		<0.0096	U		<0.0096	U	
		VMP-45-10-042913	4/29/2013	<0.021	U		0.006	J		0.0034	J		<0.0071	J	U	<0.011	U		<0.011	U	
	20 ft	VMP-45-20-041912	4/19/2012	<0.82	U		0.18	J		3.8			0.7			<0.44	U		<0.44	U	
		VMP-45-20-071912	7/19/2012	<0.26	U		0.4			0.022	J		<0.088	U		<0.14	U		<0.14	U	
		VMP-45-20-101512	10/15/2012	<0.02	U		0.0044	J		<0.006	U		<0.0068	U		<0.01	U		<0.01	U	
		VMP-45-20-013013	1/30/2013	<0.019	U		0.0035	J		<0.0057	U		<0.0065	U		<0.01	U		<0.01	U	
		VMP-45-20-042913	4/29/2013	<0.022	U		0.004	J		0.011			<0.0075	J	U	<0.012	U		<0.012	U	
		VMP-45-20-042913-Dup	4/29/2013	<0.021	U		0.0021	J		0.013			0.006	J		<0.011	U		<0.011	U	
	30 ft	VMP-45-30-041912	4/19/2012	<0.55	U		<0.29	U		<0.16	U		0.052	J	J	<0.29	U		<0.29	U	
		VMP-45-30-071912	7/19/2012	<0.14	U		<0.072	U		<0.041	U		<0.047	U		<0.073	U		<0.073	U	
		VMP-45-30-101512	10/15/2012	<0.02	U		0.0035	J		<0.006	U		<0.0068	U		<0.01	U		<0.01	U	
		VMP-45-30-101512-Dup	10/15/2012	<0.02	U		<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.01	U	
		VMP-45-30-013013	1/30/2013	<0.035	U		0.016	J		<0.01	U		<0.012	U		<0.018	U		<0.018	U	
		VMP-45-30-042913	4/29/2013	<0.042	U		<0.022	U		0.0044	J		<0.014	J	U	<0.022	U		<0.022	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Freon 114			Heptadecane			Heptane			Hexachlorobutadiene			Hexane			Hexane, 2,2,4-trimethyl-		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012	<0.0068	U					0.019			<0.042	U		0.03					
		VMP-43-10-071912	7/19/2012	<0.013	U					0.024			<0.08	U		0.021					
		VMP-43-10-101612	10/16/2012	<0.011	U					<0.0065	U		<0.068	U		<0.0056	U				
		VMP-43-10-051713	5/17/2013	<0.011	U					0.0029	J		<0.065	U		0.0094					
	20 ft	VMP-43-20-041612	4/16/2012	<0.067	U					0.24			<0.41	U		1.9					
		VMP-43-20-071912	7/19/2012	<0.024	U					0.0063	J		<0.15	U		0.024					
		VMP-43-20-101812	10/18/2012	<0.0092	U					<0.0054	U		<0.056	U		<0.0046	U				
		VMP-43-20-012413	1/24/2013	<0.0092	U					<0.0054	U		<0.056	U		<0.0046	U				
		VMP-43-20-043013	4/30/2013	<0.011	U					0.002	J		<0.067	U		0.0022	J				
	30 ft	VMP-43-30-042312	4/23/2012	<0.061	U					<0.036	U		<0.37	U		0.12					
		VMP-43-30-071912	7/19/2012	<0.0067	U					0.013			<0.041	U		0.015					
		VMP-43-30-101812	10/18/2012	<0.0096	U					<0.0056	U		<0.059	U		0.0046	J				
		VMP-43-30-012413	1/24/2013	<0.0094	U					<0.0055	U		<0.057	U		<0.0047	U				
		VMP-43-30-043013	4/30/2013	<0.011	U					<0.0062	U		<0.065	U		<0.0054	U				
VMP-44	10 ft	VMP-44-10-041912	4/19/2012	<3.2	U					39			<20	U		86					
		VMP-44-10-072012	7/20/2012	<1.1	U					73		J	<6.5	U		120		J			
		VMP-44-10-081012	8/10/2012	<0.64	U					61		J	<3.9	U		110		J			
		VMP-44-10-101212	10/12/2012	<2	U					7.8			<12	U		10					
		VMP-44-10-012513	1/25/2013	<0.8	U					<0.47	U		<4.9	U		5.1					
		VMP-44-10-042913	4/29/2013	<0.74	U					0.21	J		<4.5	U		0.3	J				
	20 ft	VMP-44-20-041912	4/19/2012	<0.7	U					110			<4.3	U		270					
		VMP-44-20-072512	7/25/2012	<1.2	U					100		J	<7.3	U		250		J			
		VMP-44-20-101212	10/12/2012	<4	U					1.7	J		<24	U		21					
		VMP-44-20-012513	1/25/2013	<0.29	U					<0.17	U		<1.8	U		0.38					
		VMP-44-20-042913	4/29/2013	<0.33	U					<0.19	U		<2	U		0.14	J				
	30 ft	VMP-44-30-041912	4/19/2012	<0.41	U					3.3			<2.5	U		16					
		VMP-44-30-072512	7/25/2012	<0.068	U					0.94			<0.42	U		3.3					
		VMP-44-30-072512-Dup	7/25/2012	<0.068	U					0.96			<0.42	U		3.3					
		VMP-44-30-101512	10/15/2012	<0.42	U					0.63			<2.6	U		4.8					
		VMP-44-30-101512-Dup	10/15/2012	<0.39	U					0.6			<2.4	U		4.7					
		VMP-44-30-012513	1/25/2013	<0.1	U	UJ				<0.06	U	UJ	<0.62	U	UJ	0.017	J	J			
		VMP-44-30-043013	4/30/2013	<0.036	U					0.29			<0.22	U		0.81					
VMP-45	10 ft	VMP-45-10-041912	4/19/2012	<0.0064	U					0.0022	J		<0.039	U		0.0041					
		VMP-45-10-071912	7/19/2012	<0.0065	U					0.013			<0.04	U		0.001	J				
		VMP-45-10-101512	10/15/2012	<0.01	U					<0.006	U		<0.062	U		0.001	J				
		VMP-45-10-013013	1/30/2013	<0.0088	U					0.0012	J		<0.054	U		0.002	J				
		VMP-45-10-042913	4/29/2013	<0.01	U					<0.0059	U		<0.062	U		<0.0051	U				
	20 ft	VMP-45-20-041912	4/19/2012	<0.4	U					<0.23	U		<2.4	U		0.73					
		VMP-45-20-071912	7/19/2012	<0.12	U					0.074			<0.76	U		0.06	J				
		VMP-45-20-101512	10/15/2012	<0.0096	U					0.0018	J		<0.059	U		0.0039	J				
		VMP-45-20-013013	1/30/2013	<0.0092	U					<0.0054	U		<0.056	U		<0.0046	U				
		VMP-45-20-042913	4/29/2013	<0.011	U					0.014			<0.065	U		0.012					
		VMP-45-20-042913-Dup	4/29/2013	<0.01	U					0.019			<0.064	U		0.019					
	30 ft	VMP-45-30-041912	4/19/2012	<0.27	U					3.1		J	<1.6	U		0.57		J			
		VMP-45-30-071912	7/19/2012	<0.067	U					<0.039	U		<0.41	U		<0.034	U				
		VMP-45-30-101512	10/15/2012	<0.0096	U					<0.0056	U		<0.059	U		0.0044	J				
		VMP-45-30-101512-Dup	10/15/2012	<0.0095	U					<0.0056	U		<0.058	U		0.0035	J				
		VMP-45-30-013013	1/30/2013	<0.017	U					<0.0099	U		<0.1	U		0.0028	J				
		VMP-45-30-042913	4/29/2013	<0.02	U					<0.012	U		<0.12	U		<0.01	U				

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Hexane, 3,4-dimethyl-			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
													600						3400		
				Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012				0.0035	J		0.02			0.029			0.22			<0.0035	UJ	UJ
		VMP-43-10-071912	7/19/2012				0.0039	J		0.014	J		0.03			0.14			<0.0067	U	
		VMP-43-10-101612	10/16/2012				<0.026	U		0.0017	J		0.0042	J		0.0089			<0.0058	U	
		VMP-43-10-051713	5/17/2013				<0.025	U		0.36			<0.0075	U		<0.0063	U		<0.0055	U	
	20 ft	VMP-43-20-041612	4/16/2012				<0.16	U		21			0.021	J		0.068			<0.034	U	
		VMP-43-20-071912	7/19/2012				<0.056	U		0.69			0.027			0.14			<0.012	U	
		VMP-43-20-101812	10/18/2012				<0.022	U		0.034			0.0038	J		0.0072			<0.0048	U	
		VMP-43-20-012413	1/24/2013				<0.022	U		0.004	J		<0.0065	U		0.0018	J		<0.0048	U	
		VMP-43-20-043013	4/30/2013				<0.026	U		0.0087	J		<0.0078	U		0.0024	J		<0.0057	U	
	30 ft	VMP-43-30-042312	4/23/2012				<0.14	U		0.14			0.02	J		0.12			<0.032	U	
		VMP-43-30-071912	7/19/2012				0.0036	J		0.02			0.016			0.087			<0.0034	U	
		VMP-43-30-101812	10/18/2012				<0.023	U		0.032			0.00086	J		0.002	J		<0.005	U	
		VMP-43-30-012413	1/24/2013				<0.022	U		0.0048	J		<0.0066	U		<0.0055	U		<0.0048	U	
		VMP-43-30-043013	4/30/2013				<0.025	U		<0.018	U		<0.0075	U		0.0052	J		<0.0055	U	
VMP-44	10 ft	VMP-44-10-041912	4/19/2012				<7.5	U		610			<2.2	U		<1.9	U		<1.6	U	
		VMP-44-10-072012	7/20/2012				<2.5	U		300		J	<0.75	U		<0.63	U		<0.55	U	
		VMP-44-10-081012	8/10/2012				<1.5	U		250		J	0.076	J	J	<0.37	U		<0.33	U	
		VMP-44-10-101212	10/12/2012				<4.6	U		11			<1.4	U		<1.2	U		0.5	J	
		VMP-44-10-012513	1/25/2013				<1.9	U		8.4			<0.56	U		<0.47	U		<0.41	U	
		VMP-44-10-042913	4/29/2013				<1.7	U		<1.2	U		<0.52	U		<0.43	U		<0.38	U	
	20 ft	VMP-44-20-041912	4/19/2012				<1.6	U		580			0.2	J		<0.41	U		<0.36	U	
		VMP-44-20-072512	7/25/2012				<2.8	U		500			<0.84	U		<0.7	U		<0.62	U	
		VMP-44-20-101212	10/12/2012				<9.3	U		180			<2.8	U		<2.3	U		0.85	J	
		VMP-44-20-012513	1/25/2013				<0.68	U		16			<0.2	U		<0.17	U		<0.15	U	
		VMP-44-20-042913	4/29/2013				<0.78	U		3.8			<0.23	U		<0.19	U		<0.17	U	
	30 ft	VMP-44-30-041912	4/19/2012				<0.96	U		140			0.19	J		0.48			<0.21	U	
		VMP-44-30-072512	7/25/2012				<0.16	U		11			0.077			<0.04	U		<0.035	U	
		VMP-44-30-072512-Dup	7/25/2012				<0.16	U		12			0.08			<0.04	U		<0.035	U	
		VMP-44-30-101512	10/15/2012				<0.99	U		40			<0.3	U		<0.25	U		<0.22	U	
		VMP-44-30-101512-Dup	10/15/2012				<0.92	U		39			<0.28	U		<0.23	U		<0.2	U	
		VMP-44-30-012513	1/25/2013				<0.24	U	UJ	0.061	J	J	<0.072	U	UJ	<0.06	U	UJ	<0.052	U	UJ
		VMP-44-30-043013	4/30/2013				<0.084	U		2.8			0.018	J		<0.021	U		<0.018	U	
VMP-45	10 ft	VMP-45-10-041912	4/19/2012				<0.015	U		0.0025	J		0.032			0.18			<0.0033	UJ	UJ
		VMP-45-10-071912	7/19/2012				0.0032	J		0.002	J		0.044			0.25			<0.0034	U	
		VMP-45-10-101512	10/15/2012				<0.024	U		0.0068	J		<0.0072	U		<0.006	U		<0.0052	U	
		VMP-45-10-013013	1/30/2013				<0.021	U		0.0025	J		<0.0062	U		0.0011	J		<0.0045	U	
		VMP-45-10-042913	4/29/2013				<0.024	U		0.028			<0.0071	J	U	<0.0059	U		<0.0052	U	
	20 ft	VMP-45-20-041912	4/19/2012				<0.93	U		4.7			0.18	J		<0.23	U		<0.2	U	
		VMP-45-20-071912	7/19/2012				<0.29	U		0.98			0.028	J		<0.073	U		<0.064	U	
		VMP-45-20-101512	10/15/2012				<0.023	U		0.054			<0.0068	J	U	0.0076			<0.005	U	
		VMP-45-20-013013	1/30/2013				<0.022	U		0.0051	J		<0.0065	U		<0.0054	U		<0.0048	U	
		VMP-45-20-042913	4/29/2013				<0.025	U		0.012	J		<0.0075	U		<0.0062	U		<0.0055	U	
		VMP-45-20-042913-Dup	4/29/2013				<0.024	U		0.021			<0.0073	J	U	<0.0061	U		<0.0054	U	
	30 ft	VMP-45-30-041912	4/19/2012				<0.62	U		4.5		J	0.23		J	<0.16	U		<0.14	U	
		VMP-45-30-071912	7/19/2012				<0.16	U		0.13			0.05			0.12			<0.034	U	
		VMP-45-30-101512	10/15/2012				<0.023	U		0.039			<0.0068	U		<0.0056	U		<0.005	U	
		VMP-45-30-101512-Dup	10/15/2012				<0.022	U		0.044			<0.0067	U		<0.0056	U		<0.0049	U	
		VMP-45-30-013013	1/30/2013				<0.04	U		0.0078	J		<0.012	U		<0.0099	U		<0.0087	U	
		VMP-45-30-042913	4/29/2013				<0.048	U		0.014	J		<0.014	J	U	<0.012	U		<0.01	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Pentane, 2,2,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,4-dimethyl-			Pentane, 2-methyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012																	
		VMP-43-10-071912	7/19/2012																	
		VMP-43-10-101612	10/16/2012																	
		VMP-43-10-051713	5/17/2013																	
	20 ft	VMP-43-20-041612	4/16/2012																	
		VMP-43-20-071912	7/19/2012																	
		VMP-43-20-101812	10/18/2012																	
		VMP-43-20-012413	1/24/2013																	
		VMP-43-20-043013	4/30/2013																	
	30 ft	VMP-43-30-042312	4/23/2012																	
		VMP-43-30-071912	7/19/2012																	
		VMP-43-30-101812	10/18/2012																	
		VMP-43-30-012413	1/24/2013																	
		VMP-43-30-043013	4/30/2013																	
VMP-44	10 ft	VMP-44-10-041912	4/19/2012																	
		VMP-44-10-072012	7/20/2012																	
		VMP-44-10-081012	8/10/2012																	
		VMP-44-10-101212	10/12/2012																	
		VMP-44-10-012513	1/25/2013																	
		VMP-44-10-042913	4/29/2013																	
	20 ft	VMP-44-20-041912	4/19/2012																	
		VMP-44-20-072512	7/25/2012																	
		VMP-44-20-101212	10/12/2012																	
		VMP-44-20-012513	1/25/2013																	
		VMP-44-20-042913	4/29/2013																	
	30 ft	VMP-44-30-041912	4/19/2012																	
		VMP-44-30-072512	7/25/2012																	
		VMP-44-30-072512-Dup	7/25/2012																	
		VMP-44-30-101512	10/15/2012																	
		VMP-44-30-101512-Dup	10/15/2012																	
		VMP-44-30-012513	1/25/2013																	
		VMP-44-30-043013	4/30/2013																	
VMP-45	10 ft	VMP-45-10-041912	4/19/2012																	
		VMP-45-10-071912	7/19/2012																	
		VMP-45-10-101512	10/15/2012																	
		VMP-45-10-013013	1/30/2013																	
		VMP-45-10-042913	4/29/2013																	
	20 ft	VMP-45-20-041912	4/19/2012																	
		VMP-45-20-071912	7/19/2012																	
		VMP-45-20-101512	10/15/2012																	
		VMP-45-20-013013	1/30/2013																	
		VMP-45-20-042913	4/29/2013																	
		VMP-45-20-042913-Dup	4/29/2013																	
	30 ft	VMP-45-30-041912	4/19/2012																	
		VMP-45-30-071912	7/19/2012																	
		VMP-45-30-101512	10/15/2012																	
		VMP-45-30-101512-Dup	10/15/2012																	
		VMP-45-30-013013	1/30/2013																	
		VMP-45-30-042913	4/29/2013																	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrachloroethene		
										1400						0.55			0.55		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012	0.063			0.00071	J		0.0014	J		<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-43-10-071912	7/19/2012	0.052			0.0017	J		0.003	J		<0.013	U		0.0027	J		0.0027	J	
		VMP-43-10-101612	10/16/2012	0.11			<0.0078	U		<0.0068	U		<0.011	U		<0.011	U		<0.011	U	
		VMP-43-10-051713	5/17/2013	0.011	J		<0.0075	U		<0.0065	U		<0.01	U		<0.01	U		<0.01	U	
	20 ft	VMP-43-20-041612	4/16/2012	0.051	J		0.0061	J		<0.041	U		<0.066	U		<0.065	U		<0.065	U	
		VMP-43-20-071912	7/19/2012	0.1			<0.017	U		0.0029	J		<0.024	U		<0.023	U		<0.023	U	
		VMP-43-20-101812	10/18/2012	0.022			<0.0065	U		<0.0056	U		<0.0091	U		<0.009	U		<0.009	U	
		VMP-43-20-012413	1/24/2013	0.0035	J		<0.0065	U		<0.0056	U		<0.0091	U		0.0038	J		0.0038	J	
		VMP-43-20-043013	4/30/2013	0.016			<0.0078	U		<0.0067	U		<0.011	U		<0.011	U		<0.011	U	
	30 ft	VMP-43-30-042312	4/23/2012	0.042	J		<0.043	U		<0.037	U		<0.06	U		<0.059	U		<0.059	U	
		VMP-43-30-071912	7/19/2012	0.066			0.0016	J		0.002	J		<0.0066	U		0.0023	J		0.0023	J	
		VMP-43-30-101812	10/18/2012	0.0051	J		<0.0068	U		<0.0059	U		<0.0095	U		<0.0094	U		<0.0094	U	
		VMP-43-30-012413	1/24/2013	0.016			<0.0066	U		<0.0057	U		<0.0092	U		<0.0091	J	U	<0.0091	J	U
		VMP-43-30-043013	4/30/2013	<0.015	U		<0.0075	U		<0.0065	U		<0.01	U		<0.01	U		<0.01	U	
VMP-44	10 ft	VMP-44-10-041912	4/19/2012	<4.5	U		<2.2	U		<1.9	U		<3.1	U		<3.1	U		<3.1	U	
		VMP-44-10-072012	7/20/2012	<1.5	U		<0.75	U		<0.65	U		<1	U		<1	U		<1	U	
		VMP-44-10-081012	8/10/2012	<0.9	U		<0.45	U		<0.39	U		<0.63	U		<0.62	U		<0.62	U	
		VMP-44-10-101212	10/12/2012	<2.8	U		<1.4	U		<1.2	U		<1.9	U		0.35	J		0.35	J	
		VMP-44-10-012513	1/25/2013	0.093	J		<0.56	U		<0.49	U		<0.79	U		0.24	J		0.24	J	
		VMP-44-10-042913	4/29/2013	<1	U		<0.52	U		<0.45	U		<0.72	U		<0.72	U		<0.72	U	
	20 ft	VMP-44-20-041912	4/19/2012	<0.99	U		0.1	J		<0.43	U		<0.69	U		0.14	J		0.14	J	
		VMP-44-20-072512	7/25/2012	<1.7	U		<0.84	U		<0.73	U		<1.2	U		<1.2	U		<1.2	U	
		VMP-44-20-101212	10/12/2012	<5.6	U		<2.8	U		<2.4	U		<3.9	U		0.53	J		0.53	J	
		VMP-44-20-012513	1/25/2013	1.1			<0.2	U		<0.18	U		<0.28	U		<0.28	U		<0.28	U	
		VMP-44-20-042913	4/29/2013	<0.47	U		<0.23	U		<0.2	U		<0.33	U		<0.32	U		<0.32	U	
	30 ft	VMP-44-30-041912	4/19/2012	<0.58	U		0.16	J		<0.25	U		<0.4	U		<0.4	U		<0.4	U	
		VMP-44-30-072512	7/25/2012	0.039	J		0.072			<0.042	U		<0.067	U		<0.066	U		<0.066	U	
		VMP-44-30-072512-Dup	7/25/2012	0.044	J		0.068			<0.042	U		<0.067	U		<0.066	U		<0.066	U	
		VMP-44-30-101512	10/15/2012	<0.59	U		<0.3	U		<0.26	U		<0.42	U		<0.41	U		<0.41	U	
		VMP-44-30-101512-Dup	10/15/2012	<0.56	U		<0.28	U		<0.24	U		<0.39	U		<0.38	U		<0.38	U	
		VMP-44-30-012513	1/25/2013	10		J	<0.072	U	UJ	<0.062	U	UJ	<0.1	U	UJ	<0.099	U	UJ	<0.099	U	UJ
		VMP-44-30-043013	4/30/2013	<0.051	U		0.024	J		<0.022	U		<0.035	U		<0.035	U		<0.035	U	
VMP-45	10 ft	VMP-45-10-041912	4/19/2012	0.023			<0.0045	U		<0.0039	U		<0.0063	U		<0.0062	U		<0.0062	U	
		VMP-45-10-071912	7/19/2012	0.048			0.00071	J		0.0028	J		<0.0064	U		0.0031	J		0.0031	J	
		VMP-45-10-101512	10/15/2012	<0.014	U		<0.0072	U		<0.0062	U		<0.01	U		<0.0099	U		<0.0099	U	
		VMP-45-10-013013	1/30/2013	0.057			<0.0062	U		<0.0054	U		<0.0086	U		<0.0085	U		<0.0085	U	
		VMP-45-10-042913	4/29/2013	<0.014	U		<0.0071	J	U	<0.0062	U		<0.0099	U		<0.0098	U		<0.0098	U	
	20 ft	VMP-45-20-041912	4/19/2012	0.053	J		0.24	J		<0.24	U		<0.39	U		<0.39	U		<0.39	U	
		VMP-45-20-071912	7/19/2012	0.096	J		<0.088	U		0.026	J		<0.12	U		<0.12	U		<0.12	U	
		VMP-45-20-101512	10/15/2012	0.072			<0.0068	U		<0.0059	U		<0.0095	U		<0.0094	U		<0.0094	U	
		VMP-45-20-013013	1/30/2013	0.0081	J		<0.0065	U		<0.0056	U		<0.0091	U		<0.009	U		<0.009	U	
		VMP-45-20-042913	4/29/2013	<0.015	U		<0.0075	U		<0.0065	J	U	<0.01	U		<0.01	U		<0.01	U	
		VMP-45-20-042913-Dup	4/29/2013	<0.015	U		<0.0073	J	U	<0.0063	J	U	<0.01	U		<0.01	U		<0.01	U	
	30 ft	VMP-45-30-041912	4/19/2012	<0.38	U		0.16	J	J	<0.16	U		<0.26	U		<0.26	U		<0.26	U	
		VMP-45-30-071912	7/19/2012	<0.094	U		<0.047	U		<0.041	U		<0.066	U		<0.065	U		<0.065	U	
		VMP-45-30-101512	10/15/2012	0.003	J		<0.0068	U		<0.0059	U		<0.0095	U		<0.0094	U		<0.0094	U	
		VMP-45-30-101512-Dup	10/15/2012	<0.013	U		<0.0067	U		<0.0058	U		<0.0094	U		<0.0092	U		<0.0092	U	
		VMP-45-30-013013	1/30/2013	2.3			<0.012	U		<0.01	U		<0.017	U		<0.016	U		<0.016	U	
		VMP-45-30-042913	4/29/2013	<0.029	U		0.014	J		<0.012	J	U	<0.02	U		<0.02	U		<0.02	U	

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							6200			11			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012	0.0071			0.03			<0.029	U		<0.0053	J	U	<0.0053	U		<0.0053	U	
		VMP-43-10-071912	7/19/2012	<0.0055	U		0.067			<0.056	U		<0.01	U		<0.01	U		<0.01	U	
		VMP-43-10-101612	10/16/2012	<0.0047	U		0.008			<0.12	U	UJ	<0.0087	U		<0.0087	U		<0.0086	U	
		VMP-43-10-051713	5/17/2013	<0.0045	U		0.0052	J		<0.046	J	U	<0.0084	U		<0.0084	U		<0.0082	U	
	20 ft	VMP-43-20-041612	4/16/2012	<0.028	U		0.031	J		<0.28	U		<0.052	U		<0.052	U		<0.051	U	
		VMP-43-20-071912	7/19/2012	<0.01	U		0.051			<0.1	U		<0.019	U		<0.019	U		<0.018	U	
		VMP-43-20-101812	10/18/2012	0.0031	J		0.0092			<0.098	U	UJ	<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-43-20-012413	1/24/2013	<0.0039	U		<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-43-20-043013	4/30/2013	<0.0046	U		0.0041	J		<0.047	U		<0.0086	U		<0.0086	U		<0.0085	U	
	30 ft	VMP-43-30-042312	4/23/2012	<0.026	U		0.018	J		<0.26	U		<0.048	U		<0.048	U		<0.047	U	
		VMP-43-30-071912	7/19/2012	<0.0028	U		0.04			<0.028	U		<0.0052	U		<0.0052	U		0.0011	J	
		VMP-43-30-101812	10/18/2012	<0.0041	U		0.002	J		<0.1	U	UJ	<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-43-30-012413	1/24/2013	<0.004	U		<0.0051	J	U	<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U	
		VMP-43-30-043013	4/30/2013	<0.0045	U		<0.0057	J	U	<0.045	U		<0.0083	U		<0.0083	U		<0.0082	U	
VMP-44	10 ft	VMP-44-10-041912	4/19/2012	<1.3	U		0.59	J		<14	U		<2.5	U		<2.5	U		<2.4	U	
		VMP-44-10-072012	7/20/2012	<0.45	U		0.78		J	<4.6	U		<0.84	U		<0.84	U		<0.82	U	
		VMP-44-10-081012	8/10/2012	<0.27	U		0.55		J	<2.7	U		<0.5	U		<0.5	U		<0.49	U	
		VMP-44-10-101212	10/12/2012	<0.83	U		0.15	J		<8.4	U		<1.5	U		<1.5	U		0.53	J	
		VMP-44-10-012513	1/25/2013	<0.34	U		<0.43	U		<3.4	U		<0.63	U		<0.63	U		<0.62	U	
		VMP-44-10-042913	4/29/2013	<0.31	U		<0.4	U		<3.1	U		<0.58	U		<0.58	U		<0.57	U	
	20 ft	VMP-44-20-041912	4/19/2012	<0.3	U		1.2			<3	U		<0.55	U		<0.55	U		<0.54	U	
		VMP-44-20-072512	7/25/2012	<0.5	U		0.32	J	J	<5.1	U		<0.94	U		<0.94	U		<0.92	U	
		VMP-44-20-101212	10/12/2012	<1.7	U		0.17	J		<17	U		<3.1	U		<3.1	U		0.76	J	
		VMP-44-20-012513	1/25/2013	<0.12	U		<0.16	U		<1.2	U		<0.23	U		<0.23	U		<0.22	U	
		VMP-44-20-042913	4/29/2013	<0.14	U		<0.18	U		<1.4	U		<0.26	U		<0.26	U		<0.26	U	
	30 ft	VMP-44-30-041912	4/19/2012	<0.17	U		0.39			<1.7	U		<0.32	U		<0.32	U		<0.31	U	
		VMP-44-30-072512	7/25/2012	<0.029	U		0.34			<0.29	U		<0.053	U		<0.053	U		<0.053	U	
		VMP-44-30-072512-Dup	7/25/2012	<0.029	U		0.34			<0.29	U		<0.053	U		<0.053	U		<0.053	U	
		VMP-44-30-101512	10/15/2012	<0.18	U		<0.23	U		<4.5	U		<0.33	U		<0.33	U		<0.32	U	
		VMP-44-30-101512-Dup	10/15/2012	<0.17	U		<0.21	U		<4.2	U		<0.31	U		<0.31	U		<0.3	U	
		VMP-44-30-012513	1/25/2013	<0.043	U	UJ	<0.055	U	UJ	<0.43	U	UJ	<0.079	U	UJ	<0.079	U	UJ	<0.078	U	UJ
		VMP-44-30-043013	4/30/2013	<0.015	U		0.024			<0.15	U		<0.028	U		<0.028	U		<0.028	U	
VMP-45	10 ft	VMP-45-10-041912	4/19/2012	0.0044			0.02			<0.027	U		<0.005	J	U	<0.005	U		<0.0049	U	
		VMP-45-10-071912	7/19/2012	0.0053			0.13			<0.028	U		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-45-10-101512	10/15/2012	<0.0043	U		0.0014	J		<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U	
		VMP-45-10-013013	1/30/2013	<0.0037	U		<0.0047	J	U	<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-45-10-042913	4/29/2013	<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U	
	20 ft	VMP-45-20-041912	4/19/2012	<0.17	U		1.9			<1.7	U		<0.31	U		<0.31	U		<0.31	U	
		VMP-45-20-071912	7/19/2012	<0.052	U		0.25			<0.53	U		<0.097	U		<0.097	U		<0.096	U	
		VMP-45-20-101512	10/15/2012	<0.0041	U		0.0031	J		<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-45-20-013013	1/30/2013	<0.0039	U		<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-45-20-042913	4/29/2013	<0.0045	U		0.0057			<0.045	U		<0.0083	U		<0.0083	U		<0.0082	U	
		VMP-45-20-042913-Dup	4/29/2013	<0.0044	U		0.007			<0.044	U		<0.0081	U		<0.0081	U		<0.008	U	
	30 ft	VMP-45-30-041912	4/19/2012	<0.11	U		0.18		J	<1.1	U		<0.21	U		<0.21	U		<0.2	U	
		VMP-45-30-071912	7/19/2012	<0.028	U		0.086			<0.28	U		<0.052	U		<0.052	U		<0.051	U	
		VMP-45-30-101512	10/15/2012	<0.0041	U		<0.0052	J	U	<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-45-30-101512-Dup	10/15/2012	<0.004	U		<0.0051	J	U	<0.04	U		<0.0074	U		<0.0074	U		<0.0073	U	
		VMP-45-30-013013	1/30/2013	<0.0071	U		<0.0091	J	U	<0.072	U		<0.013	U		<0.013	U		<0.013	U	
		VMP-45-30-042913	4/29/2013	<0.0087	U		<0.011	U		<0.087	U		<0.016	U		<0.016	U		<0.016	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride		
				860			860												0.29		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012	<0.0055	U		<0.0055	U		0.0024	J		0.00087	J		0.02			<0.0025	U	
		VMP-43-10-071912	7/19/2012	<0.01	U		<0.01	U		0.0042	J		0.0015	J		0.03			<0.0048	U	
		VMP-43-10-101612	10/16/2012	<0.009	U		<0.009	U		<0.0078	U	UJ	<0.0078	U		0.0069	J		<0.0041	U	
		VMP-43-10-051713	5/17/2013	0.0014	J		0.0014	J		0.0076			0.0033	J		0.015			<0.0039	U	
	20 ft	VMP-43-20-041612	4/16/2012	<0.054	U		<0.054	U		0.013	J		<0.047	U		45			<0.024	U	
		VMP-43-20-071912	7/19/2012	<0.019	U		<0.019	U		0.0034	J		<0.017	U		3.3			<0.0088	U	
		VMP-43-20-101812	10/18/2012	0.0014	J		0.0014	J		<0.0065	U	UJ	<0.0065	U		0.24			<0.0034	U	
		VMP-43-20-012413	1/24/2013	0.0016	J		0.0016	J		<0.0065	U		<0.0065	U		0.025			<0.0034	U	
		VMP-43-20-043013	4/30/2013	<0.0089	U		<0.0089	U		<0.0078	U		<0.0078	U		0.018			<0.004	U	
	30 ft	VMP-43-30-042312	4/23/2012	<0.049	U		<0.049	U		<0.043	U		<0.043	U		6.8			<0.022	U	
		VMP-43-30-071912	7/19/2012	0.0018	J	J	0.0018	J	J	0.0046	J		0.0014	J		0.18			<0.0024	U	
		VMP-43-30-101812	10/18/2012	<0.0078	U		<0.0078	U		<0.0068	U	UJ	<0.0068	U		0.015			<0.0035	U	
		VMP-43-30-012413	1/24/2013	0.0012	J		0.0012	J		<0.0066	U		<0.0066	U		0.0018	J		<0.0034	U	
		VMP-43-30-043013	4/30/2013	0.002	J		0.002	J		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U	
VMP-44	10 ft	VMP-44-10-041912	4/19/2012	<2.6	U		<2.6	U		<2.2	U		<2.2	U		1200			<1.2	U	
		VMP-44-10-072012	7/20/2012	<0.86	U		<0.86	U		0.29	J	J	0.47	J	J	1200			<0.39	U	
		VMP-44-10-081012	8/10/2012	<0.51	U		<0.51	U		0.25	J	J	0.3	J	J	800			<0.23	U	
		VMP-44-10-101212	10/12/2012	<1.6	U		<1.6	U		<1.4	U	UJ	<1.4	U		190			<0.72	U	
		VMP-44-10-012513	1/25/2013	<0.65	U		<0.65	U		<0.56	U		<0.56	U		300			<0.29	U	
		VMP-44-10-042913	4/29/2013	<0.59	U		<0.59	U		<0.52	U		<0.52	U		180			<0.27	U	
	20 ft	VMP-44-20-041912	4/19/2012	<0.56	U		<0.56	U		0.1	J		0.23	J		350			<0.26	U	
		VMP-44-20-072512	7/25/2012	<0.96	U		<0.96	U		<0.84	U		<0.84	U		500		J	<0.44	U	
		VMP-44-20-101212	10/12/2012	<3.2	U		<3.2	U		<2.8	U	UJ	<2.8	U		110			<1.4	U	
		VMP-44-20-012513	1/25/2013	<0.23	U		<0.23	U		<0.2	U		<0.2	U		110			<0.11	U	
		VMP-44-20-042913	4/29/2013	<0.27	U		<0.27	U		<0.23	U		<0.23	U		67			<0.12	U	
	30 ft	VMP-44-30-041912	4/19/2012	<0.33	U		<0.33	U		0.16	J		0.075	J		23			<0.15	U	
		VMP-44-30-072512	7/25/2012	<0.055	U		<0.055	U		0.025	J		0.042	J		1.4			<0.025	U	
		VMP-44-30-072512-Dup	7/25/2012	<0.055	U		<0.055	U		0.028	J		0.038	J		1.4			<0.025	U	
		VMP-44-30-101512	10/15/2012	<0.34	U		<0.34	U		<0.3	U	UJ	<0.3	U		29			<0.15	U	
		VMP-44-30-101512-Dup	10/15/2012	<0.32	U		<0.32	U		<0.28	U	UJ	<0.28	U		28			<0.14	U	
		VMP-44-30-012513	1/25/2013	<0.082	U	UJ	<0.082	U	UJ	<0.072	U	UJ	<0.072	U	UJ	0.47		J	<0.037	U	UJ
		VMP-44-30-043013	4/30/2013	<0.029	U		<0.029	U		0.0065	J		0.027			0.49			<0.013	U	
VMP-45	10 ft	VMP-45-10-041912	4/19/2012	0.0014	J		0.0014	J		<0.0045	U		<0.0045	U		0.043			<0.0023	U	
		VMP-45-10-071912	7/19/2012	0.0017	J	J	0.0017	J	J	0.0017	J		0.00057	J		<0.0044	J	U	<0.0024	U	
		VMP-45-10-101512	10/15/2012	0.0014	J		0.0014	J		<0.0072	J	U	<0.0072	U		0.038			<0.0037	U	
		VMP-45-10-013013	1/30/2013	0.0011	J		0.0011	J		<0.0062	U		<0.0062	U		0.0048	J		<0.0032	U	
		VMP-45-10-042913	4/29/2013	<0.0081	U		<0.0081	U		<0.0071	U		<0.0071	U		0.19			<0.0037	U	
	20 ft	VMP-45-20-041912	4/19/2012	<0.32	U		<0.32	U		0.4			0.19	J		130			<0.14	U	
		VMP-45-20-071912	7/19/2012	<0.1	U		<0.1	U		<0.088	U		<0.088	U		23			<0.046	U	
		VMP-45-20-101512	10/15/2012	<0.0078	U		<0.0078	U		<0.0068	U		<0.0068	U		3.4			<0.0035	U	
		VMP-45-20-013013	1/30/2013	0.001	J		0.001	J		<0.0065	U		<0.0065	U		0.31			<0.0034	U	
		VMP-45-20-042913	4/29/2013	<0.0086	U		<0.0086	U		<0.0075	J	U	<0.0075	U		0.063			<0.0039	U	
		VMP-45-20-042913-Dup	4/29/2013	<0.0084	U		<0.0084	U		<0.0073	J	U	<0.0073	J	U	0.073			<0.0038	U	
	30 ft	VMP-45-30-041912	4/19/2012	<0.21	U		<0.21	U		<0.19	U		<0.19	U		400			<0.098	U	
		VMP-45-30-071912	7/19/2012	<0.054	U		<0.054	U		<0.047	U		<0.047	U		9.1			<0.024	U	
		VMP-45-30-101512	10/15/2012	0.0035	J		0.0035	J		<0.0068	U		<0.0068	U		1.8			<0.0035	U	
		VMP-45-30-101512-Dup	10/15/2012	0.0039	J		0.0039	J		<0.0067	U		<0.0067	U		1.9			<0.0035	U	
		VMP-45-30-013013	1/30/2013	0.0038	J		0.0038	J		<0.012	U		<0.012	U		0.56			<0.0062	U	
		VMP-45-30-042913	4/29/2013	<0.016	U		<0.016	U		<0.014	U		<0.014	U		0.28			<0.0075	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	m,p-Xylenes			o-Xylenes			Isobutane			Isobutane			Pentane		
				130			120											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012	0.0086			0.0024	J										
		VMP-43-10-071912	7/19/2012	0.027			0.0085											
		VMP-43-10-101612	10/16/2012	0.0013	J		<0.0069	U										
		VMP-43-10-051713	5/17/2013	0.031			0.013											
	20 ft	VMP-43-20-041612	4/16/2012	0.038	J		0.012	J										
		VMP-43-20-071912	7/19/2012	0.019			0.006	J										
		VMP-43-20-101812	10/18/2012	0.0018	J		<0.0057	U										
		VMP-43-20-012413	1/24/2013	<0.0057	U		<0.0057	U										
		VMP-43-20-043013	4/30/2013	0.0027	J		<0.0069	J	U									
	30 ft	VMP-43-30-042312	4/23/2012	<0.038	U		<0.038	U										
		VMP-43-30-071912	7/19/2012	0.019			0.007											
		VMP-43-30-101812	10/18/2012	<0.006	U		<0.006	U										
		VMP-43-30-012413	1/24/2013	<0.0058	U		<0.0058	U										
		VMP-43-30-043013	4/30/2013	<0.0066	U		<0.0066	U										
VMP-44	10 ft	VMP-44-10-041912	4/19/2012	0.89	J		<2	U										
		VMP-44-10-072012	7/20/2012	1.8		J	0.66	J	J									
		VMP-44-10-081012	8/10/2012	1.3		J	0.41		J									
		VMP-44-10-101212	10/12/2012	0.2	J		0.17	J										
		VMP-44-10-012513	1/25/2013	0.092	J		<0.5	U										
		VMP-44-10-042913	4/29/2013	<0.46	U		<0.46	U										
	20 ft	VMP-44-20-041912	4/19/2012	0.86			0.5											
		VMP-44-20-072512	7/25/2012	<0.74	U		<0.74	U										
		VMP-44-20-101212	10/12/2012	0.3	J		0.25	J										
		VMP-44-20-012513	1/25/2013	<0.18	U		<0.18	U										
		VMP-44-20-042913	4/29/2013	<0.21	U		<0.21	U										
	30 ft	VMP-44-30-041912	4/19/2012	0.88			0.053	J										
		VMP-44-30-072512	7/25/2012	0.34			0.024	J										
		VMP-44-30-072512-Dup	7/25/2012	0.35			0.026	J										
		VMP-44-30-101512	10/15/2012	<0.26	U		<0.26	U										
		VMP-44-30-101512-Dup	10/15/2012	<0.24	U		<0.24	U										
		VMP-44-30-012513	1/25/2013	<0.063	U	UJ	<0.063	U	UJ									
		VMP-44-30-043013	4/30/2013	0.024			0.014	J										
VMP-45	10 ft	VMP-45-10-041912	4/19/2012	0.0046			<0.004	U										
		VMP-45-10-071912	7/19/2012	0.014			0.0035	J										
		VMP-45-10-101512	10/15/2012	<0.0063	J	U	<0.0063	U										
		VMP-45-10-013013	1/30/2013	<0.0055	U		<0.0055	U										
		VMP-45-10-042913	4/29/2013	0.0018	J		<0.0063	U										
	20 ft	VMP-45-20-041912	4/19/2012	8			2.5											
		VMP-45-20-071912	7/19/2012	0.065	J		0.015	J										
		VMP-45-20-101512	10/15/2012	<0.006	U		<0.006	U										
		VMP-45-20-013013	1/30/2013	<0.0057	U		<0.0057	U										
		VMP-45-20-042913	4/29/2013	0.022			0.011											
		VMP-45-20-042913-Dup	4/29/2013	0.027			0.015											
	30 ft	VMP-45-30-041912	4/19/2012	0.27		J	<0.16	U										
		VMP-45-30-071912	7/19/2012	<0.041	U		<0.041	U										
		VMP-45-30-101512	10/15/2012	<0.006	U		<0.006	U										
		VMP-45-30-101512-Dup	10/15/2012	<0.0059	U		<0.0059	U										
		VMP-45-30-013013	1/30/2013	<0.01	U		<0.01	U										
		VMP-45-30-042913	4/29/2013	<0.013	U		<0.013	U										

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene		
				750000			0.37			450000			11			6.9					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	0.026	J		0.0018	J		<0.0097	U		<0.015	U		<0.056	J	U	<0.0032	U	
		VMP-47-5-012313-R	1/23/2013	<46	U		<15	U		<32	U		<50	U		<19	U		<11	U	
		VMP-47-5-060513	6/5/2013	4.4	J		6.3	J		<21	U		<32	U		<12	U		<6.9	U	
	10 ft	VMP-47-10-012113	1/21/2013	0.0084	J		0.0051			<0.0092	U		<0.014	U		<0.054	J	U	<0.003	U	
		VMP-47-10-012313-R	1/23/2013	<1.1	U		0.11	J		<0.81	U		<1.2	U		<0.47	U		<0.27	U	
		VMP-47-10-060513	6/5/2013	<27	U		<9.2	U		<19	U		<30	U		<11	U		<6.4	U	
	20 ft	VMP-47-20-012113	1/21/2013	<12	U		<4	U		<8.4	U		<13	U		<4.9	U		<2.8	U	
		VMP-47-20-012313-R	1/23/2013	<28	U		<9.5	U		<20	U		<31	U		<12	U		<6.6	U	
		VMP-47-20-060513	6/5/2013	<28	U		<9.3	U		<19	U		<30	U		<11	U		<6.4	U	
		VMP-47-20-060513-Dup	6/5/2013	<26	U		<8.7	U		<18	U		<28	U		<11	U		<6	U	
	30 ft	VMP-47-30-012113	1/21/2013	<8.7	U		<2.9	U		<6.2	U		<9.5	U		<3.6	U		<2	U	
		VMP-47-30-012313-R	1/23/2013	<45	U		<15	U		<32	U		<49	U		<18	U		<10	U	
		VMP-47-30-060513	6/5/2013	<28	U		<9.3	U		<20	U		<30	U		<11	U		<6.4	U	
VMP-48	5 ft	VMP-48-5-020113	2/1/2013	0.01	J		0.0048			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U	
		VMP-48-5-050313	5/3/2013	0.012	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U	
	10 ft	VMP-48-10-020113	2/1/2013	0.01	J		0.0087			<0.0089	U		<0.014	U		<0.052	U		<0.0029	U	
		VMP-48-10-050813	5/8/2013	0.016	J		0.011			<0.0098	U		<0.015	U		<0.057	U		<0.0032	U	
	20 ft	VMP-48-20-020113	2/1/2013	0.013	J		0.002	J		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U	
	30 ft	VMP-48-30-020113	2/1/2013	0.0059	J	J	0.097			<0.0087	U		<0.013	U		<0.051	U		<0.0029	U	
		VMP-48-30-020113-DUP	2/1/2013	<0.12	U	UJ	0.12			<0.035	U		<0.054	U		<0.2	U		<0.012	U	
		VMP-48-30-050313	5/3/2013	0.0083	J		0.0022	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U	
VMP-49	5 ft	VMP-49-5-020113	2/1/2013	0.027	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U	
		VMP-49-5-050713	5/7/2013	0.0095	J		0.00093	J		<0.011	U		<0.017	U		<0.062	U		<0.0036	U	
	10 ft	VMP-49-10-020113	2/1/2013	0.0084	J		0.033			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U	
		VMP-49-10-050713	5/7/2013	0.023	J		0.023		J	<0.0092	U		<0.014	U		<0.053	U		<0.003	U	
		VMP-49-10-050713-Dup	5/7/2013	0.014	J		0.0066		J	<0.01	U		<0.015	U		<0.058	U		<0.0033	U	
	20 ft	VMP-49-20-020113	2/1/2013	0.014	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U	
		VMP-49-20-050913	5/9/2013	0.018	J		0.002	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U	
	30 ft	VMP-49-30-020113	2/1/2013	1	J		0.4			<0.41	U		<0.64	U		<2.4	U		<0.14	U	
		VMP-49-30-050813	5/8/2013	4.4		J	<0.41	U		<0.87	U		<1.3	U		<5	U		<0.29	U	
VMP-50	5 ft	VMP-50-5-020113	2/1/2013	0.007	J		0.0017	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U	
		VMP-50-5-050713	5/7/2013	0.0092	J		0.014			<0.0095	U		<0.015	U		<0.055	U		<0.0031	U	
	10 ft	VMP-50-10-020113	2/1/2013	0.0062	J		0.0026	J		0.0053	J		<0.014	U		<0.054	U		<0.003	U	
		VMP-50-10-050713	5/7/2013	0.013	J		0.052			<0.01	U		<0.016	U		<0.059	U		<0.0033	U	
	20 ft	VMP-50-20-020113	2/1/2013	0.021	J		0.011	J		<0.036	U		<0.055	U		<0.21	U		<0.012	U	
		VMP-50-20-050713	5/7/2013	<0.24	U		0.019	J		<0.069	U		<0.11	U		<0.4	U		<0.023	U	
	30 ft	VMP-50-30-020113	2/1/2013	16	J		92			<8.7	U		<13	U		<50	U		<2.9	U	
		VMP-50-30-050713	5/7/2013	56		J	100			<5.2	U		<8	U		<30	U		<1.7	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Butane			Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			2-Butanone			Carbon disulfide		
																6400			780		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	0.058			13 (ppbV)									0.0059	J		<0.018	U	
		VMP-47-5-012313-R	1/23/2013	4900												<57	U		<15	U	
		VMP-47-5-060513	6/5/2013	2300												<37	U		<9.7	U	
	10 ft	VMP-47-10-012113	1/21/2013	0.007	J											<0.016	U		<0.017	U	
		VMP-47-10-012313-R	1/23/2013	460												<1.4	U		<0.38	U	
		VMP-47-10-060513	6/5/2013	2100												<34	U		<9	U	
	20 ft	VMP-47-20-012113	1/21/2013	1200												<15	U		<3.9	U	
		VMP-47-20-012313-R	1/23/2013	4100												<35	U		<9.3	U	
		VMP-47-20-060513	6/5/2013	2500												<34	U		<9.1	U	
		VMP-47-20-060513-Dup	6/5/2013	2400												<32	U		<8.5	U	
	30 ft	VMP-47-30-012113	1/21/2013	1300									63000 (ppbV)			<11	U		<2.9	U	
		VMP-47-30-012313-R	1/23/2013	4800												<56	U		<15	U	
		VMP-47-30-060513	6/5/2013	2200												<34	U		<9.1	U	
VMP-48	5 ft	VMP-48-5-020113	2/1/2013	0.012	J											<0.015	U		<0.016	J	U
		VMP-48-5-050313	5/3/2013	0.0048	J											<0.016	U		<0.017	J	U
	10 ft	VMP-48-10-020113	2/1/2013	<0.013	U											<0.016	U		<0.016	J	U
		VMP-48-10-050813	5/8/2013	0.01	J											<0.017	U		<0.018	U	
	20 ft	VMP-48-20-020113	2/1/2013	0.092												0.0026	J		<0.016	J	U
	30 ft	VMP-48-30-020113	2/1/2013	0.3												<0.015	U		0.024		
		VMP-48-30-020113-DUP	2/1/2013	0.36												<0.061	U		0.027	J	
		VMP-48-30-050313	5/3/2013	0.23												<0.014	U		0.22		
VMP-49	5 ft	VMP-49-5-020113	2/1/2013	<0.013	U											0.0055	J		<0.017	J	U
		VMP-49-5-050713	5/7/2013	0.008	J											<0.019	U		<0.02	U	
	10 ft	VMP-49-10-020113	2/1/2013	0.0048	J											<0.016	U		<0.016	J	U
		VMP-49-10-050713	5/7/2013	<0.013	U											0.0044	J		<0.017	U	
		VMP-49-10-050713-Dup	5/7/2013	<0.014	U											<0.018	U		<0.019	U	
	20 ft	VMP-49-20-020113	2/1/2013	0.0078	J											<0.015	U		<0.016	J	U
		VMP-49-20-050913	5/9/2013	0.022												<0.017	U		<0.018	U	
	30 ft	VMP-49-30-020113	2/1/2013	6.5												<0.72	U		0.12	J	
		VMP-49-30-050813	5/8/2013	15												<1.5	U		<1.6	U	
VMP-50	5 ft	VMP-50-5-020113	2/1/2013	0.23												<0.015	U		<0.016	J	U
		VMP-50-5-050713	5/7/2013	<0.014	U											<0.017	U		<0.018	J	U
	10 ft	VMP-50-10-020113	2/1/2013	0.058												<0.016	U		0.0024	J	
		VMP-50-10-050713	5/7/2013	<0.014	U											0.0031	J		<0.019	J	U
	20 ft	VMP-50-20-020113	2/1/2013	0.069												<0.063	U		0.014	J	
		VMP-50-20-050713	5/7/2013	0.65												<0.12	U		0.071	J	
	30 ft	VMP-50-30-020113	2/1/2013	440												<15	U		2.8	J	
		VMP-50-30-050713	5/7/2013	320												<9.1	U		<9.6	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane		
				0.21			69			57000						0.11					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U	
		VMP-47-5-012313-R	1/23/2013	<30	U		<22	U		<41	U		<51	U		<24	U		<40	U	
		VMP-47-5-060513	6/5/2013	<20	U		<14	U		<26	U		<33	U		<15	U		<26	U	
	10 ft	VMP-47-10-012113	1/21/2013	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	
		VMP-47-10-012313-R	1/23/2013	<0.76	U		<0.56	U		<1	U		<1.3	U		<0.59	U		<1	U	
		VMP-47-10-060513	6/5/2013	<18	U		<13	U		<24	U		<30	U		<14	U		<24	U	
	20 ft	VMP-47-20-012113	1/21/2013	<7.9	U		<5.8	U		<11	U		<13	U		<6.2	U		<10	U	
		VMP-47-20-012313-R	1/23/2013	<19	U		<14	U		<25	U		<31	U		<14	U		<24	U	
		VMP-47-20-060513	6/5/2013	<18	U		<13	U		<25	U		<31	U		<14	U		<24	U	
		VMP-47-20-060513-Dup	6/5/2013	<17	U		<12	U		<23	U		<29	U		<13	U		<22	U	
	30 ft	VMP-47-30-012113	1/21/2013	<5.8	U		<4.2	U		<7.8	U		<9.7	U		<4.5	U		<7.6	U	
		VMP-47-30-012313-R	1/23/2013	<30	U		<22	U		<40	U		<50	U		<23	U		<39	U	
		VMP-47-30-060513	6/5/2013	<18	U		<13	U		<25	U		<31	U		<14	U		<24	U	
VMP-48	5 ft	VMP-48-5-020113	2/1/2013	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U	
		VMP-48-5-050313	5/3/2013	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U	
	10 ft	VMP-48-10-020113	2/1/2013	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0014	J		<0.027	U	
		VMP-48-10-050813	5/8/2013	<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0072	U		<0.03	U	
	20 ft	VMP-48-20-020113	2/1/2013	<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U	
	30 ft	VMP-48-30-020113	2/1/2013	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U	
		VMP-48-30-020113-DUP	2/1/2013	<0.033	U		<0.024	U		<0.044	U		<0.055	U		<0.025	U		<0.11	U	
		VMP-48-30-050313	5/3/2013	<0.0077	U		<0.0057	J	U	<0.01	U		<0.013	U		<0.006	U		<0.025	U	
VMP-49	5 ft	VMP-49-5-020113	2/1/2013	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U	
		VMP-49-5-050713	5/7/2013	<0.01	U		<0.0074	U		<0.014	U		<0.017	U		<0.0079	U		<0.033	U	
	10 ft	VMP-49-10-020113	2/1/2013	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U	
		VMP-49-10-050713	5/7/2013	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	
		VMP-49-10-050713-Dup	5/7/2013	<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U	
	20 ft	VMP-49-20-020113	2/1/2013	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U	
		VMP-49-20-050913	5/9/2013	<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U	
	30 ft	VMP-49-30-020113	2/1/2013	<0.39	U		<0.28	U		<0.52	U		<0.65	U		<0.3	U		<1.3	U	
		VMP-49-30-050813	5/8/2013	<0.81	U		<0.6	U		<1.1	U		<1.4	U		<0.63	U		<2.7	U	
VMP-50	5 ft	VMP-50-5-020113	2/1/2013	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0014	J		<0.026	U	
		VMP-50-5-050713	5/7/2013	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U	
	10 ft	VMP-50-10-020113	2/1/2013	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.043			<0.028	U	
		VMP-50-10-050713	5/7/2013	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		0.016			<0.031	U	
	20 ft	VMP-50-20-020113	2/1/2013	<0.034	U		<0.025	U		<0.046	U		<0.056	U		<0.026	U		<0.11	U	
		VMP-50-20-050713	5/7/2013	<0.065	U		<0.048	U		<0.088	U		<0.11	U		<0.05	U		<0.21	U	
	30 ft	VMP-50-30-020113	2/1/2013	<8.1	U		<6	U		<11	U		<14	U		<6.3	U		<27	U	
		VMP-50-30-050713	5/7/2013	<4.8	U		<3.5	U		<6.6	U		<8.1	U		<3.8	U		<16	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	alpha-Chlorotoluene			Cyclobutane, ethyl-			Cyclohexane			Cyclopentane, methyl-			1,2-Dibromoethane			1,2-Dichlorobenzene		
																0.011			290		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	0.001	J					0.0025	J					<0.011	U		<0.0087	U	
		VMP-47-5-012313-R	1/23/2013	<25	U					33						<37	U		<29	U	
		VMP-47-5-060513	6/5/2013	<16	U					43						<24	U		<19	U	
	10 ft	VMP-47-10-012113	1/21/2013	<0.0071	U					<0.0048	U					<0.011	U		<0.0083	U	
		VMP-47-10-012313-R	1/23/2013	<0.63	U					3.5						<0.93	U		<0.73	U	
		VMP-47-10-060513	6/5/2013	<15	U					33						<22	U		<17	U	
	20 ft	VMP-47-20-012113	1/21/2013	<6.5	U					<4.3	U					<9.7	U		<7.6	U	
		VMP-47-20-012313-R	1/23/2013	<15	U					27						<23	U		<18	U	
		VMP-47-20-060513	6/5/2013	<15	U					38						<22	U		<17	U	
		VMP-47-20-060513-Dup	6/5/2013	<14	U					38						<21	U		<16	U	
	30 ft	VMP-47-30-012113	1/21/2013	<4.8	U					<3.2	U					<7.1	U		<5.5	U	
		VMP-47-30-012313-R	1/23/2013	<25	U					33						<36	U		<29	U	
		VMP-47-30-060513	6/5/2013	<15	U					44						<22	U		<18	U	
VMP-48	5 ft	VMP-48-5-020113	2/1/2013	<0.0066	U					<0.0044	U					<0.0099	U		<0.0077	U	
		VMP-48-5-050313	5/3/2013	<0.007	J	U				<0.0046	U					<0.01	J	U	<0.0081	U	
	10 ft	VMP-48-10-020113	2/1/2013	<0.0069	U					<0.0046	U					<0.01	U		<0.008	U	
		VMP-48-10-050813	5/8/2013	<0.0076	U					<0.005	U					<0.011	U		<0.0088	U	
	20 ft	VMP-48-20-020113	2/1/2013	<0.0066	U					<0.0044	U					<0.0098	U		<0.0077	U	
	30 ft	VMP-48-30-020113	2/1/2013	<0.0068	U					<0.0045	U					<0.01	U		<0.0078	U	
		VMP-48-30-020113-DUP	2/1/2013	<0.027	U					<0.018	U					<0.04	U		<0.031	U	
		VMP-48-30-050313	5/3/2013	<0.0064	J	U				0.0027	J					<0.0094	J	U	<0.0074	U	
VMP-49	5 ft	VMP-49-5-020113	2/1/2013	<0.007	U					<0.0046	U					<0.01	U		<0.0081	U	
		VMP-49-5-050713	5/7/2013	<0.0083	U					0.002	J					<0.012	U		<0.0097	U	
	10 ft	VMP-49-10-020113	2/1/2013	<0.0068	U					<0.0045	U					<0.01	U		<0.0079	U	
		VMP-49-10-050713	5/7/2013	<0.0071	U					0.0012	J					<0.01	U		<0.0083	U	
		VMP-49-10-050713-Dup	5/7/2013	<0.0077	J	U				0.0012	J					<0.011	U		<0.009	U	
	20 ft	VMP-49-20-020113	2/1/2013	<0.0067	U					<0.0044	U					<0.0099	U		<0.0078	U	
		VMP-49-20-050913	5/9/2013	<0.0076	U					<0.005	U					<0.011	U		<0.0088	U	
	30 ft	VMP-49-30-020113	2/1/2013	<0.32	U					0.54						<0.47	U		<0.37	U	
		VMP-49-30-050813	5/8/2013	<0.67	U					0.25	J					<1	U		<0.78	U	
VMP-50	5 ft	VMP-50-5-020113	2/1/2013	<0.0065	U					<0.0043	U					<0.0097	U		<0.0076	U	
		VMP-50-5-050713	5/7/2013	<0.0074	U					<0.0049	U					<0.011	J	U	<0.0085	U	
	10 ft	VMP-50-10-020113	2/1/2013	<0.0071	U					<0.0048	U					<0.011	U		<0.0083	U	
		VMP-50-10-050713	5/7/2013	<0.0078	U					<0.0052	U					<0.012	U		<0.0091	U	
	20 ft	VMP-50-20-020113	2/1/2013	<0.028	U					0.16						<0.041	U		<0.032	U	
		VMP-50-20-050713	5/7/2013	<0.054	U					2						<0.08	U		<0.062	U	
	30 ft	VMP-50-30-020113	2/1/2013	<6.7	U					370						<10	U		<7.8	U	
		VMP-50-30-050713	5/7/2013	<4	U					400						<5.9	U		<4.6	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
							1200						690			0.099			240		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	0.0015	J		0.0022	J		0.003	J		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-47-5-012313-R	1/23/2013	<29	U		<29	U		<24	U		<20	U		<20	U		<19	U	
		VMP-47-5-060513	6/5/2013	<19	U		<19	U		<15	U		<13	U		<13	U		<12	U	
	10 ft	VMP-47-10-012113	1/21/2013	<0.0083	U		<0.0083	J	U	0.0035	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-47-10-012313-R	1/23/2013	<0.73	U		<0.73	U		<0.6	U		<0.49	U		<0.49	U		<0.48	U	
		VMP-47-10-060513	6/5/2013	<17	U		<17	U		<14	U		<12	U		<12	U		<11	U	
	20 ft	VMP-47-20-012113	1/21/2013	<7.6	U		<7.6	U		<6.2	U		<5.1	U		<5.1	U		<5	U	
		VMP-47-20-012313-R	1/23/2013	<18	U		<18	U		<15	U		<12	U		<12	U		<12	U	
		VMP-47-20-060513	6/5/2013	<17	U		<17	U		<14	U		<12	U		<12	U		<12	U	
		VMP-47-20-060513-Dup	6/5/2013	<16	U		<16	U		<14	U		<11	U		<11	U		<11	U	
	30 ft	VMP-47-30-012113	1/21/2013	<5.5	U		<5.5	U		<4.5	U		<3.7	U		<3.7	U		<3.6	U	
		VMP-47-30-012313-R	1/23/2013	<29	U		<29	U		<24	U		<19	U		<19	U		<19	U	
		VMP-47-30-060513	6/5/2013	<18	U		<18	U		<14	U		<12	U		<12	U		<12	U	
VMP-48	5 ft	VMP-48-5-020113	2/1/2013	<0.0077	U		<0.0077	U		0.0019	J		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-48-5-050313	5/3/2013	<0.0081	J	U	<0.0081	J	U	0.0023	J		<0.0054	U		<0.0054	U		<0.0053	U	
	10 ft	VMP-48-10-020113	2/1/2013	<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-48-10-050813	5/8/2013	<0.0088	U		<0.0088	J	U	0.003	J		<0.0059	U		<0.0059	U		<0.0058	U	
	20 ft	VMP-48-20-020113	2/1/2013	<0.0077	U		<0.0077	U		0.0021	J		<0.0052	U		<0.0052	U		<0.005	U	
	30 ft	VMP-48-30-020113	2/1/2013	<0.0078	U		<0.0078	U		0.0031	J	J	<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-48-30-020113-DUP	2/1/2013	<0.031	U		<0.031	U		<0.026	U	UJ	<0.021	U		<0.021	U		<0.021	U	
		VMP-48-30-050313	5/3/2013	<0.0074	J	U	<0.0074	J	U	0.0027	J		<0.005	U		<0.005	U		<0.0049	U	
VMP-49	5 ft	VMP-49-5-020113	2/1/2013	<0.0081	U		<0.0081	U		0.0021	J		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-49-5-050713	5/7/2013	<0.0097	U		<0.0097	J	U	0.0026	J		<0.0065	U		<0.0065	U		<0.0064	U	
	10 ft	VMP-49-10-020113	2/1/2013	<0.0079	U		<0.0079	U		0.0021	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-49-10-050713	5/7/2013	<0.0083	U		<0.0083	J	U	0.0029	J		<0.0056	U		<0.0056	U		<0.0054	U	
		VMP-49-10-050713-Dup	5/7/2013	<0.009	U		<0.009	J	U	0.0029	J		<0.006	U		<0.006	U		<0.0059	U	
	20 ft	VMP-49-20-020113	2/1/2013	<0.0078	U		<0.0078	U		0.0024	J		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-49-20-050913	5/9/2013	<0.0088	U		<0.0088	U		0.0027	J		<0.006	U		<0.0059	U		<0.0058	U	
	30 ft	VMP-49-30-020113	2/1/2013	<0.37	U		<0.37	U		<0.3	U		<0.25	U		<0.25	U		<0.24	U	
		VMP-49-30-050813	5/8/2013	<0.78	U		<0.78	U		<0.64	U		<0.52	U		<0.52	U		<0.51	U	
VMP-50	5 ft	VMP-50-5-020113	2/1/2013	<0.0076	J	U	<0.0076	J	U	0.0027	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-50-5-050713	5/7/2013	<0.0085	J	U	<0.0085	J	U	0.0026	J		<0.0057	U		<0.0057	U		<0.0056	U	
	10 ft	VMP-50-10-020113	2/1/2013	<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-50-10-050713	5/7/2013	<0.0091	J	U	<0.0091	J	U	0.0028	J		<0.0061	U		<0.0061	U		<0.006	U	
	20 ft	VMP-50-20-020113	2/1/2013	<0.032	U		<0.032	U		<0.026	U		<0.022	U		<0.022	U		<0.021	U	
		VMP-50-20-050713	5/7/2013	<0.062	U		<0.062	U		<0.051	U		<0.042	U		<0.042	U		<0.041	U	
	30 ft	VMP-50-30-020113	2/1/2013	1	J		<7.8	U		<6.4	U		<5.2	U		<5.2	U		<5.1	U	
		VMP-50-30-050713	5/7/2013	<4.6	U		<4.6	U		<3.8	U		<3.1	U		<3.1	U		<3	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene		
				1100000			85			5.6			0.062			0.9			0.9		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-47-5-012313-R	1/23/2013	<19	U		<19	U		<17	U		<22	U		<22	U		<22	U	
		VMP-47-5-060513	6/5/2013	<12	U		<12	U		<11	U		<14	U		<14	U		<14	U	
	10 ft	VMP-47-10-012113	1/21/2013	<0.0055	U		<0.0055	U		0.0037	J		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-47-10-012313-R	1/23/2013	<0.48	U		<0.48	U		<0.42	U		<0.56	U		<0.55	U		<0.55	U	
		VMP-47-10-060513	6/5/2013	<11	U		<11	U		<10	U		<13	U		<13	U		<13	U	
	20 ft	VMP-47-20-012113	1/21/2013	<5	U		<5	U		<4.4	U		<5.8	U		<5.7	U		<5.7	U	
		VMP-47-20-012313-R	1/23/2013	<12	U		<12	U		<10	U		<14	U		<14	U		<14	U	
		VMP-47-20-060513	6/5/2013	<12	U		<12	U		<10	U		<13	U		<13	U		<13	U	
		VMP-47-20-060513-Dup	6/5/2013	<11	U		<11	U		<9.5	U		<13	U		<12	U		<12	U	
	30 ft	VMP-47-30-012113	1/21/2013	<3.6	U		<3.6	U		<3.2	U		<4.2	U		<4.2	U		<4.2	U	
		VMP-47-30-012313-R	1/23/2013	<19	U		<19	U		<16	U		<22	U		<22	U		<22	U	
		VMP-47-30-060513	6/5/2013	<12	U		<12	U		<10	U		<13	U		<13	U		<13	U	
VMP-48	5 ft	VMP-48-5-020113	2/1/2013	<0.0051	U		<0.0051	U		<0.045	J	U	<0.0059	U		<0.0058	U		<0.0058	U	
		VMP-48-5-050313	5/3/2013	<0.0053	U		<0.0053	U		0.00086	J		<0.0062	U		<0.0061	U		<0.0061	J	U
	10 ft	VMP-48-10-020113	2/1/2013	<0.0053	U		<0.0053	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U	
		VMP-48-10-050813	5/8/2013	<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U	
	20 ft	VMP-48-20-020113	2/1/2013	<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U	
	30 ft	VMP-48-30-020113	2/1/2013	<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U	
		VMP-48-30-020113-DUP	2/1/2013	<0.021	U		<0.021	U		<0.18	U		<0.024	U		<0.024	U		<0.024	U	
		VMP-48-30-050313	5/3/2013	<0.0049	U		<0.0049	U		0.0034	J		<0.0057	U		<0.0056	U		<0.0056	U	
VMP-49	5 ft	VMP-49-5-020113	2/1/2013	<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U	
		VMP-49-5-050713	5/7/2013	<0.0064	U		<0.0064	U		<0.056	U		<0.0074	U		<0.0073	U		<0.0073	U	
	10 ft	VMP-49-10-020113	2/1/2013	<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U	
		VMP-49-10-050713	5/7/2013	<0.0054	U		<0.0054	U		0.0018	J		<0.0064	U		<0.0062	U		<0.0062	U	
		VMP-49-10-050713-Dup	5/7/2013	<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	J	U
	20 ft	VMP-49-20-020113	2/1/2013	<0.0051	U		<0.0051	U		<0.045	J	U	<0.006	U		<0.0058	U		<0.0058	U	
		VMP-49-20-050913	5/9/2013	<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U	
	30 ft	VMP-49-30-020113	2/1/2013	<0.24	U		<0.24	U		0.24	J		<0.28	U		<0.28	U		<0.28	U	
		VMP-49-30-050813	5/8/2013	<0.51	U		<0.51	U		<4.5	U		<0.6	U		<0.59	U		<0.59	U	
VMP-50	5 ft	VMP-50-5-020113	2/1/2013	<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-50-5-050713	5/7/2013	<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		<0.0064	U		<0.0064	J	U
	10 ft	VMP-50-10-020113	2/1/2013	<0.0055	U		<0.0055	U		0.0019	J		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-50-10-050713	5/7/2013	<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U	
	20 ft	VMP-50-20-020113	2/1/2013	<0.021	U		<0.021	U		<0.18	U		<0.025	U		<0.024	U		<0.024	U	
		VMP-50-20-050713	5/7/2013	<0.041	U		<0.041	U		<0.36	U		<0.048	U		<0.047	U		<0.047	U	
	30 ft	VMP-50-30-020113	2/1/2013	<5.1	U		<5.1	U		4.6	J		<6	U		<5.9	U		<5.9	U	
		VMP-50-30-050713	5/7/2013	<3	U		<3	U		<27	U		<3.6	U		<3.5	U		<3.5	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 113		
				0.22						1400											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	<0.021	U		0.01	J		<0.0063	U		<0.0071	U		<0.011	U		<0.011	U	
		VMP-47-5-012313-R	1/23/2013	<70	U		<36	U		<21	U		<24	U		<37	U		<37	U	
		VMP-47-5-060513	6/5/2013	<45	U		<23	U		5.5	J		7.8	J		<24	U		<24	U	
	10 ft	VMP-47-10-012113	1/21/2013	<0.02	U		0.01			<0.006	U		<0.0068	U		<0.01	U		<0.01	U	
		VMP-47-10-012313-R	1/23/2013	<1.7	U		<0.91	U		<0.52	U		<0.59	U		<0.93	U		<0.93	U	
		VMP-47-10-060513	6/5/2013	<42	U		<22	U		<12	U		<14	U		<22	U		<22	U	
	20 ft	VMP-47-20-012113	1/21/2013	<18	U		<9.5	U		<5.5	U		<6.2	U		<9.6	U		<9.6	U	
		VMP-47-20-012313-R	1/23/2013	<43	U		<22	U		<13	U		<15	U		<23	U		<23	U	
		VMP-47-20-060513	6/5/2013	<42	U		<22	U		<13	U		<14	U		<22	U		<22	U	
		VMP-47-20-060513-Dup	6/5/2013	<39	U		<20	U		<12	U		<13	U		<21	U		<21	U	
	30 ft	VMP-47-30-012113	1/21/2013	<13	U		<6.9	U		<4	U		<4.5	U		<7	U		<7	U	
		VMP-47-30-012313-R	1/23/2013	<69	U		<36	U		<21	U		<23	U		<36	U		<36	U	
		VMP-47-30-060513	6/5/2013	<42	U		<22	U		<13	U		<14	U		<22	U		<22	U	
VMP-48	5 ft	VMP-48-5-020113	2/1/2013	<0.018	U		0.0046	J		<0.0056	U		<0.0063	J	U	<0.0098	U		<0.0098	U	
		VMP-48-5-050313	5/3/2013	<0.019	U		<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.01	U	
	10 ft	VMP-48-10-020113	2/1/2013	<0.019	U		0.0053	J		<0.0058	U		<0.0065	U		<0.01	U		<0.01	U	
		VMP-48-10-050813	5/8/2013	<0.021	U		0.005	J		<0.0064	U		0.0042	J		<0.011	U		<0.011	U	
	20 ft	VMP-48-20-020113	2/1/2013	<0.018	U		0.0068	J		<0.0055	U		<0.0063	U		<0.0098	U		<0.0098	U	
	30 ft	VMP-48-30-020113	2/1/2013	<0.019	U		<0.0098	U		0.0021	J	J	0.012			<0.01	U		<0.01	U	
		VMP-48-30-020113-DUP	2/1/2013	<0.075	U		<0.039	U		<0.022	U	UJ	0.012	J		<0.04	U		<0.04	U	
		VMP-48-30-050313	5/3/2013	<0.018	U		<0.0093	U		0.0038	J		0.0023	J		<0.0094	U		<0.0094	U	
VMP-49	5 ft	VMP-49-5-020113	2/1/2013	<0.019	U		0.0033	J		<0.0058	U		<0.0066	U		<0.01	U		<0.01	U	
		VMP-49-5-050713	5/7/2013	<0.023	U		0.0076	J		<0.007	U		<0.0079	U		<0.012	U		<0.012	U	
	10 ft	VMP-49-10-020113	2/1/2013	<0.019	U		<0.0099	U		<0.0057	J	U	<0.0065	J	U	<0.01	U		<0.01	U	
		VMP-49-10-050713	5/7/2013	<0.02	U		0.032		J	0.0043	J		0.0018	J		<0.01	U		<0.01	U	
		VMP-49-10-050713-Dup	5/7/2013	<0.022	U		0.008	J	J	0.004	J		0.0018	J		<0.011	U		<0.011	U	
	20 ft	VMP-49-20-020113	2/1/2013	<0.018	U		0.0024	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.0099	U	
		VMP-49-20-050913	5/9/2013	<0.021	U		<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.011	U	
	30 ft	VMP-49-30-020113	2/1/2013	<0.89	U		0.19	J		<0.27	U		<0.3	U		<0.47	U		<0.47	U	
		VMP-49-30-050813	5/8/2013	<1.9	U		<0.98	U		<0.56	U		<0.64	U		<0.99	U		<0.99	U	
VMP-50	5 ft	VMP-50-5-020113	2/1/2013	<0.018	U		0.0037	J		<0.0055	U		<0.0062	J	U	<0.0096	U		<0.0096	U	
		VMP-50-5-050713	5/7/2013	<0.02	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.011	U	
	10 ft	VMP-50-10-020113	2/1/2013	<0.02	U		0.0027	J		<0.006	U		<0.0068	J	U	<0.01	U		<0.01	U	
		VMP-50-10-050713	5/7/2013	<0.022	U		<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.012	U	
	20 ft	VMP-50-20-020113	2/1/2013	<0.077	U		0.0066	J		0.017	J		0.0095	J		<0.041	U		<0.041	U	
		VMP-50-20-050713	5/7/2013	<0.15	U		<0.078	U		<0.045	U		0.031	J		<0.079	U		<0.079	U	
	30 ft	VMP-50-30-020113	2/1/2013	<19	U		3.6	J		370			88			<9.9	U		<9.9	U	
		VMP-50-30-050713	5/7/2013	<11	U		<5.8	U		440			1000			<5.9	U		<5.9	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Freon 114			Heptadecane			Heptane			Hexachlorobutadiene			Hexane			Hexane, 2,2,4-trimethyl-		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	<0.01	U					<0.0059	U		<0.062	U		0.0019	J		19 (ppbV)		
		VMP-47-5-012313-R	1/23/2013	<34	U					<20	U		<210	U		<17	U				
		VMP-47-5-060513	6/5/2013	<22	U					<13	U		<130	U		28					
	10 ft	VMP-47-10-012113	1/21/2013	<0.0096	U		7.7 (ppbV)			<0.0056	U		<0.059	U		<0.0049	U				
		VMP-47-10-012313-R	1/23/2013	<0.84	U					<0.5	U		<5.2	U		1.7					
		VMP-47-10-060513	6/5/2013	<20	U					<12	U		<120	U		12					
	20 ft	VMP-47-20-012113	1/21/2013	<8.8	U					<5.2	U		<54	U		<4.4	U				
		VMP-47-20-012313-R	1/23/2013	<21	U					<12	U		<130	U		20					
		VMP-47-20-060513	6/5/2013	<20	U					<12	U		<120	U		10					
		VMP-47-20-060513-Dup	6/5/2013	<19	U					<11	U		<120	U		11					
	30 ft	VMP-47-30-012113	1/21/2013	<6.4	U					<3.8	U		<39	U		<3.2	U				
		VMP-47-30-012313-R	1/23/2013	<33	U					<20	U		<200	U		<17	U				
		VMP-47-30-060513	6/5/2013	<20	U					<12	U		<120	U		12					
VMP-48	5 ft	VMP-48-5-020113	2/1/2013	<0.009	U					<0.0053	U		<0.055	U		<0.0045	U				
		VMP-48-5-050313	5/3/2013	<0.0094	U					<0.0055	U		<0.057	U		0.0011	J				
	10 ft	VMP-48-10-020113	2/1/2013	<0.0093	U					<0.0054	U		<0.057	U		0.00089	J				
		VMP-48-10-050813	5/8/2013	<0.01	U					0.0017	J		<0.062	U		0.0036	J				
	20 ft	VMP-48-20-020113	2/1/2013	<0.0089	U					<0.0052	U		<0.054	U		0.0018	J				
	30 ft	VMP-48-30-020113	2/1/2013	<0.0091	U					0.01			<0.056	U		0.015					
		VMP-48-30-020113-DUP	2/1/2013	<0.036	U					0.0087	J		<0.22	U		0.017	J				
		VMP-48-30-050313	5/3/2013	<0.0086	U					0.0046	J		<0.052	U		0.012					
VMP-49	5 ft	VMP-49-5-020113	2/1/2013	<0.0094	U					<0.0055	U		<0.057	U		<0.0047	U				
		VMP-49-5-050713	5/7/2013	<0.011	U					<0.0066	U		<0.069	U		0.0016	J				
	10 ft	VMP-49-10-020113	2/1/2013	<0.0092	U					<0.0054	U		<0.056	U		0.0016	J				
		VMP-49-10-050713	5/7/2013	<0.0096	U					0.0027	J		<0.059	U		0.0024	J				
		VMP-49-10-050713-Dup	5/7/2013	<0.01	U					0.0028	J		<0.064	U		0.0029	J				
	20 ft	VMP-49-20-020113	2/1/2013	<0.009	U					0.0014	J		<0.055	U		0.0021	J				
		VMP-49-20-050913	5/9/2013	<0.01	U					<0.006	U		<0.063	U		0.0083					
	30 ft	VMP-49-30-020113	2/1/2013	<0.43	U					<0.25	U		<2.6	U		0.073	J				
		VMP-49-30-050813	5/8/2013	<0.9	U					<0.53	U		<5.5	U		0.3	J				
VMP-50	5 ft	VMP-50-5-020113	2/1/2013	<0.0088	U					0.0012	J		<0.054	U		0.004	J				
		VMP-50-5-050713	5/7/2013	<0.0099	U					<0.0058	U		<0.06	U		<0.005	U				
	10 ft	VMP-50-10-020113	2/1/2013	<0.0096	U					<0.0056	U		<0.059	U		0.0021	J				
		VMP-50-10-050713	5/7/2013	<0.01	U					<0.0062	U		<0.064	U		0.0029	J				
	20 ft	VMP-50-20-020113	2/1/2013	<0.037	U					0.16			<0.23	U		0.061					
		VMP-50-20-050713	5/7/2013	<0.072	U					0.38			<0.44	U		0.78					
	30 ft	VMP-50-30-020113	2/1/2013	<9	U					570			<55	U		1100					
		VMP-50-30-050713	5/7/2013	<5.4	U					870			<33	U		1300					

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Hexane, 3,4-dimethyl-			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
													600						3400		
				Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013				<0.024	U		0.089			<0.0071	U		<0.0059	U		<0.0052	U	
		VMP-47-5-012313-R	1/23/2013	310000 (ppbV)			<79	U		4700			<24	U		<20	U		<17	U	
		VMP-47-5-060513	6/5/2013				<51	U		5100			<15	U		<13	U		<11	U	
	10 ft	VMP-47-10-012113	1/21/2013				<0.023	U		0.0052	J		<0.0068	U		<0.0056	U		<0.005	U	
		VMP-47-10-012313-R	1/23/2013				<2	U		560			<0.59	U		<0.5	U		<0.44	U	
		VMP-47-10-060513	6/5/2013				<47	U		4600			<14	U		<12	U		<10	U	
	20 ft	VMP-47-20-012113	1/21/2013				<21	U		1200			<6.2	U		<5.2	U		<4.5	U	
		VMP-47-20-012313-R	1/23/2013				<49	U		3500			<15	U		<12	U		<11	U	
		VMP-47-20-060513	6/5/2013				<48	U		5000			<14	U		<12	U		<10	U	
		VMP-47-20-060513-Dup	6/5/2013				<45	U		5000			<13	U		<11	U		<9.8	U	
	30 ft	VMP-47-30-012113	1/21/2013				<15	U		1100			<4.5	U		<3.8	U		<3.3	U	
		VMP-47-30-012313-R	1/23/2013				<78	U		4600			<23	U		<19	U		<17	U	
		VMP-47-30-060513	6/5/2013				<48	U		6000			<14	U		<12	U		<10	U	
VMP-48	5 ft	VMP-48-5-020113	2/1/2013				<0.021	U		0.0026	J		<0.0063	U		<0.0053	U		<0.0046	U	
		VMP-48-5-050313	5/3/2013				<0.022	U		0.018			<0.0066	U		<0.0055	U		<0.0048	U	
	10 ft	VMP-48-10-020113	2/1/2013				<0.022	U		0.0028	J		<0.0065	U		<0.0054	U		<0.0048	U	
		VMP-48-10-050813	5/8/2013				<0.024	U		0.005	J		<0.0072	U		<0.006	U		<0.0053	U	
	20 ft	VMP-48-20-020113	2/1/2013				<0.021	U		0.022			<0.0063	U		<0.0052	U		<0.0046	U	
	30 ft	VMP-48-30-020113	2/1/2013				<0.021	U		0.22			0.00088	J		<0.0053	U		<0.0047	U	
		VMP-48-30-020113-DUP	2/1/2013				<0.085	U		0.22			<0.026	U		<0.021	U		<0.019	U	
		VMP-48-30-050313	5/3/2013				<0.02	U		0.12			<0.006	U		<0.005	U		<0.0044	U	
VMP-49	5 ft	VMP-49-5-020113	2/1/2013				<0.022	U		<0.016	U		<0.0066	U		0.0013	J		<0.0048	U	
		VMP-49-5-050713	5/7/2013				<0.026	U		0.024			<0.0079	U		<0.0066	U		<0.0058	U	
	10 ft	VMP-49-10-020113	2/1/2013				<0.022	U		0.002	J		<0.0065	J	U	<0.0054	U		<0.0048	U	
		VMP-49-10-050713	5/7/2013				<0.022	U		0.027			<0.0068	U		<0.0056	U		<0.005	U	
		VMP-49-10-050713-Dup	5/7/2013				<0.024	U		0.011	J		<0.0073	U		<0.0061	U		<0.0054	U	
	20 ft	VMP-49-20-020113	2/1/2013				<0.021	U		0.0029	J		<0.0063	U		<0.0053	U		<0.0046	U	
		VMP-49-20-050913	5/9/2013				<0.024	U		0.057			<0.0072	U		<0.006	U		<0.0053	U	
	30 ft	VMP-49-30-020113	2/1/2013				<1	U		47			<0.3	U		0.11	J		<0.22	U	
		VMP-49-30-050813	5/8/2013				<2.1	U		84			<0.64	U		<0.53	U		<0.47	U	UJ
VMP-50	5 ft	VMP-50-5-020113	2/1/2013				<0.021	U		0.12			<0.0062	U		<0.0052	U		<0.0045	U	
		VMP-50-5-050713	5/7/2013				<0.023	U		0.0068	J		<0.007	U		<0.0058	U		<0.0051	U	
	10 ft	VMP-50-10-020113	2/1/2013				<0.023	U		0.042			<0.0068	U		<0.0056	U		<0.005	U	
		VMP-50-10-050713	5/7/2013				<0.025	U		0.0074	J		<0.0074	U		<0.0062	U		<0.0054	U	
	20 ft	VMP-50-20-020113	2/1/2013				<0.088	U		0.13			0.0048	J		<0.022	U		<0.019	U	
		VMP-50-20-050713	5/7/2013				<0.17	U		3			<0.051	U		<0.042	U		<0.037	U	
	30 ft	VMP-50-30-020113	2/1/2013				<21	U		1100			19			<5.3	U		<4.7	U	
		VMP-50-30-050713	5/7/2013				<13	U		960			56			<3.2	U		<2.8	U	UJ

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Pentane, 2,2,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,4-dimethyl-			Pentane, 2-methyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013				39 (ppbV)						13 (ppbV)			13 (ppbV)					
		VMP-47-5-012313-R	1/23/2013							370000 (ppbV)						620000 (ppbV)					
		VMP-47-5-060513	6/5/2013																		
	10 ft	VMP-47-10-012113	1/21/2013																		
		VMP-47-10-012313-R	1/23/2013							42000 (ppbV)			27000 (ppbV)			75000 (ppbV)			31000 (ppbV)		
		VMP-47-10-060513	6/5/2013																		
	20 ft	VMP-47-20-012113	1/21/2013							110000 (ppbV)						160000 (ppbV)					
		VMP-47-20-012313-R	1/23/2013							300000 (ppbV)						470000 (ppbV)			240000 (ppbV)		
		VMP-47-20-060513	6/5/2013																		
		VMP-47-20-060513-Dup	6/5/2013																		
	30 ft	VMP-47-30-012113	1/21/2013							97000 (ppbV)						150000 (ppbV)					
		VMP-47-30-012313-R	1/23/2013							370000 (ppbV)						600000 (ppbV)			290000 (ppbV)		
		VMP-47-30-060513	6/5/2013																		
VMP-48	5 ft	VMP-48-5-020113	2/1/2013																		
		VMP-48-5-050313	5/3/2013																		
	10 ft	VMP-48-10-020113	2/1/2013																		
		VMP-48-10-050813	5/8/2013																		
	20 ft	VMP-48-20-020113	2/1/2013																		
	30 ft	VMP-48-30-020113	2/1/2013																		
		VMP-48-30-020113-DUP	2/1/2013																		
		VMP-48-30-050313	5/3/2013																		
VMP-49	5 ft	VMP-49-5-020113	2/1/2013																		
		VMP-49-5-050713	5/7/2013																		
	10 ft	VMP-49-10-020113	2/1/2013																		
		VMP-49-10-050713	5/7/2013																		
		VMP-49-10-050713-Dup	5/7/2013																		
	20 ft	VMP-49-20-020113	2/1/2013																		
		VMP-49-20-050913	5/9/2013																		
	30 ft	VMP-49-30-020113	2/1/2013																		
		VMP-49-30-050813	5/8/2013																		
VMP-50	5 ft	VMP-50-5-020113	2/1/2013																		
		VMP-50-5-050713	5/7/2013																		
	10 ft	VMP-50-10-020113	2/1/2013																		
		VMP-50-10-050713	5/7/2013																		
	20 ft	VMP-50-20-020113	2/1/2013																		
		VMP-50-20-050713	5/7/2013																		
	30 ft	VMP-50-30-020113	2/1/2013																		
		VMP-50-30-050713	5/7/2013																		

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrachloroethene		
										1400						0.55			0.55		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	0.057			<0.0071	U		<0.0062	U		<0.0099	U		<0.0098	U		<0.0098	U	
		VMP-47-5-012313-R	1/23/2013	<48	U		<24	U		<21	U		<33	U		<33	U		<33	U	
		VMP-47-5-060513	6/5/2013	<31	U		<15	U		<13	U		<21	U		<21	U		<21	U	
	10 ft	VMP-47-10-012113	1/21/2013	0.035			<0.0068	U		<0.0059	U		<0.0095	U		<0.0094	U		<0.0094	U	
		VMP-47-10-012313-R	1/23/2013	<1.2	U		<0.59	U		<0.52	U		<0.83	U		<0.82	U		<0.82	U	
		VMP-47-10-060513	6/5/2013	<28	U		<14	U		<12	U		<20	U		<20	U		<20	U	
	20 ft	VMP-47-20-012113	1/21/2013	<12	U		<6.2	U		<5.4	U		<8.6	U		<8.5	U		<8.5	U	
		VMP-47-20-012313-R	1/23/2013	<29	U		<15	U		<13	U		<20	U		<20	U		<20	U	
		VMP-47-20-060513	6/5/2013	<29	U		<14	U		<12	U		<20	U		<20	U		<20	U	
		VMP-47-20-060513-Dup	6/5/2013	<27	U		<13	U		<12	U		<19	U		<18	U		<18	U	
	30 ft	VMP-47-30-012113	1/21/2013	<9	U		<4.5	U		<3.9	U		<6.3	U		<6.2	U		<6.2	U	
		VMP-47-30-012313-R	1/23/2013	<47	U		<23	U		<20	U		<33	U		<32	U		<32	U	
		VMP-47-30-060513	6/5/2013	<29	U		<14	U		<12	U		<20	U		<20	U		<20	U	
VMP-48	5 ft	VMP-48-5-020113	2/1/2013	0.0017	J		<0.0063	U		<0.0055	U		<0.0088	U		<0.0087	J	U	<0.0087	J	U
		VMP-48-5-050313	5/3/2013	<0.013	U		<0.0066	U		<0.0057	U		<0.0092	U		0.0026	J		0.0026	J	
	10 ft	VMP-48-10-020113	2/1/2013	0.011	J		<0.0065	U		<0.0057	U		<0.0091	U		<0.009	J	U	<0.009	J	U
		VMP-48-10-050813	5/8/2013	<0.014	U		<0.0072	U		<0.0062	U		<0.01	U		<0.0099	J	U	<0.0099	J	U
	20 ft	VMP-48-20-020113	2/1/2013	0.002	J		<0.0063	U		<0.0054	U		<0.0088	U		<0.0086	J	U	<0.0086	J	U
	30 ft	VMP-48-30-020113	2/1/2013	0.0015	J	J	0.0011	J		<0.0056	U		<0.009	U		<0.0088	U		<0.0088	U	
		VMP-48-30-020113-DUP	2/1/2013	<0.051	U	UJ	<0.026	U		<0.022	U		<0.036	U		0.0084	J		0.0084	J	
		VMP-48-30-050313	5/3/2013	0.02			0.0022	J		0.0012	J		<0.0084	U		0.0013	J		0.0013	J	
VMP-49	5 ft	VMP-49-5-020113	2/1/2013	0.0077	J		<0.0066	U		<0.0057	U		<0.0092	U		<0.0091	J	U	<0.0091	J	U
		VMP-49-5-050713	5/7/2013	<0.016	U		<0.0079	U		<0.0068	U		<0.011	U		<0.011	J	U	<0.011	J	U
	10 ft	VMP-49-10-020113	2/1/2013	0.0018	J		<0.0065	J	U	<0.0056	U		<0.0091	U		<0.009	J	U	<0.009	J	U
		VMP-49-10-050713	5/7/2013	0.08		J	<0.0068	U		<0.0058	U		<0.0094	U		<0.0093	J	U	<0.0093	J	U
		VMP-49-10-050713-Dup	5/7/2013	0.0091	J	J	<0.0073	U		<0.0064	U		<0.01	U		<0.01	J	U	<0.01	J	U
	20 ft	VMP-49-20-020113	2/1/2013	0.0017	J		<0.0063	U		<0.0055	U		<0.0088	U		<0.0088	J	U	<0.0088	J	U
		VMP-49-20-050913	5/9/2013	0.0048	J		<0.0072	U		<0.0063	U		<0.01	U		<0.01	U		<0.01	U	
	30 ft	VMP-49-30-020113	2/1/2013	0.27	J		<0.3	U		0.068	J		<0.42	U		<0.42	U		<0.42	U	
		VMP-49-30-050813	5/8/2013	<1.3	U		<0.64	U		<0.55	U		<0.89	U		<0.88	U		<0.88	U	
VMP-50	5 ft	VMP-50-5-020113	2/1/2013	0.0057	J		<0.0062	U		<0.0054	U		<0.0086	U		<0.0085	J	U	<0.0085	J	U
		VMP-50-5-050713	5/7/2013	0.0096	J		<0.007	U		<0.006	U		<0.0097	U		0.0019	J		0.0019	J	
	10 ft	VMP-50-10-020113	2/1/2013	0.0042	J		<0.0068	U		<0.0059	U		<0.0095	U		0.0056	J		0.0056	J	
		VMP-50-10-050713	5/7/2013	0.0067	J		<0.0074	U		<0.0064	U		<0.01	U		0.0029	J		0.0029	J	
	20 ft	VMP-50-20-020113	2/1/2013	0.0072	J		0.0069	J		<0.023	U		<0.037	U		<0.036	U		<0.036	U	
		VMP-50-20-050713	5/7/2013	<0.1	U		<0.051	U		<0.044	U		<0.071	U		<0.07	U		<0.07	U	
	30 ft	VMP-50-30-020113	2/1/2013	3.3	J		30			<5.5	U		<8.9	U		<8.8	U		<8.8	U	
		VMP-50-30-050713	5/7/2013	<7.6	U		190			1.6	J		<5.3	U		<5.2	U		<5.2	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							6200			11			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	<0.0043	U		0.0007	J		<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U	
		VMP-47-5-012313-R	1/23/2013	<14	U		<18	U		<140	U		<26	U		<26	U		<26	U	
		VMP-47-5-060513	6/5/2013	<9.2	U		<12	U		<92	U		<17	U		<17	U		<17	U	
	10 ft	VMP-47-10-012113	1/21/2013	<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-47-10-012313-R	1/23/2013	<0.36	U		0.19	J		<3.6	U		<0.66	U		<0.66	U		<0.65	U	
		VMP-47-10-060513	6/5/2013	<8.5	U		<11	U		<85	U		<16	U		<16	U		<15	U	
	20 ft	VMP-47-20-012113	1/21/2013	<3.7	U		<4.7	U		<37	U		<6.9	U		<6.9	U		<6.8	U	
		VMP-47-20-012313-R	1/23/2013	<8.8	U		<11	U		<88	U		<16	U		<16	U		<16	U	
		VMP-47-20-060513	6/5/2013	<8.6	U		<11	U		<86	U		<16	U		<16	U		<16	U	
		VMP-47-20-060513-Dup	6/5/2013	<8	U		<10	U		<81	U		<15	U		<15	U		<15	U	
	30 ft	VMP-47-30-012113	1/21/2013	<2.7	U		<3.5	U		<27	U		<5	U		<5	U		<4.9	U	
		VMP-47-30-012313-R	1/23/2013	<14	U		<18	U		<140	U		<26	U		<26	U		<26	U	
		VMP-47-30-060513	6/5/2013	<8.6	U		<11	U		<87	U		<16	U		<16	U		<16	U	
VMP-48	5 ft	VMP-48-5-020113	2/1/2013	<0.0038	U		<0.0048	J	U	0.0031	J		<0.007	U		<0.007	U		<0.0069	U	
		VMP-48-5-050313	5/3/2013	<0.004	U		<0.0051	J	U	<0.04	J	U	<0.0073	U		<0.0073	U		<0.0072	U	
	10 ft	VMP-48-10-020113	2/1/2013	<0.0039	U		<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-48-10-050813	5/8/2013	<0.0043	U		0.0015	J		<0.043	U		<0.008	U		<0.008	U		<0.0079	U	
	20 ft	VMP-48-20-020113	2/1/2013	<0.0038	U		<0.0048	J	U	<0.038	U		<0.007	U		<0.007	U		<0.0068	U	
	30 ft	VMP-48-30-020113	2/1/2013	<0.0038	U		0.005			<0.039	U		<0.0071	U		<0.0071	U		<0.007	U	
		VMP-48-30-020113-DUP	2/1/2013	<0.015	U		0.0054	J		<0.15	U		<0.028	U		<0.028	U		<0.028	U	
		VMP-48-30-050313	5/3/2013	<0.0036	U		0.0055			<0.036	J	U	<0.0067	U		<0.0067	U		<0.0066	U	
VMP-49	5 ft	VMP-49-5-020113	2/1/2013	<0.004	U		<0.0051	J	U	<0.04	J	U	<0.0073	U		<0.0073	U		<0.0072	U	
		VMP-49-5-050713	5/7/2013	<0.0047	U		0.00075	J		<0.048	U		<0.0088	U		<0.0088	U		<0.0086	U	
	10 ft	VMP-49-10-020113	2/1/2013	<0.0039	U		<0.005	J	U	<0.039	J	U	<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-49-10-050713	5/7/2013	0.001	J		0.0063			<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-49-10-050713-Dup	5/7/2013	<0.0044	U		0.0027	J		<0.044	U		<0.0082	U		<0.0082	U		<0.008	U	
	20 ft	VMP-49-20-020113	2/1/2013	<0.0038	U		<0.0049	J	U	<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
		VMP-49-20-050913	5/9/2013	<0.0043	U		<0.0055	U		<0.044	U		<0.008	U		<0.008	U		<0.0079	U	
	30 ft	VMP-49-30-020113	2/1/2013	<0.18	U		0.049	J		0.15	J		<0.34	U		<0.34	U		<0.33	U	
		VMP-49-30-050813	5/8/2013	<0.38	U		<0.49	U		<3.8	U		<0.71	U		<0.71	U		<0.7	U	
VMP-50	5 ft	VMP-50-5-020113	2/1/2013	<0.0037	U		<0.0047	J	U	<0.037	J	U	0.0078			<0.0069	U		<0.0068	U	
		VMP-50-5-050713	5/7/2013	<0.0042	U		<0.0054	J	U	<0.042	J	U	0.017			<0.0077	U		<0.0076	U	
	10 ft	VMP-50-10-020113	2/1/2013	<0.0041	U		<0.0052	J	U	<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-50-10-050713	5/7/2013	<0.0044	U		<0.0057	J	U	<0.045	J	U	0.0067	J		<0.0082	U		<0.0081	U	
	20 ft	VMP-50-20-020113	2/1/2013	<0.016	U		0.0073	J		<0.16	U		<0.029	U		<0.029	U		<0.029	U	
		VMP-50-20-050713	5/7/2013	<0.03	U		0.04			<0.31	U		<0.056	U		<0.056	U		<0.056	U	
	30 ft	VMP-50-30-020113	2/1/2013	<3.8	U		740			4.2	J		<7.1	U		<7.1	U		<7	U	
		VMP-50-30-050713	5/7/2013	<2.3	U		1300			<23	U		<4.2	U		<4.2	U		<4.1	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride		
				860			860												0.29		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	<0.0081	U		<0.0081	U		<0.0071	U		<0.0071	U		0.52			<0.0037	U	
		VMP-47-5-012313-R	1/23/2013	<27	U		<27	U		<24	U		<24	U		430			<12	U	
		VMP-47-5-060513	6/5/2013	<18	U		<18	U		6.6	J		<15	U		880			<8	U	
	10 ft	VMP-47-10-012113	1/21/2013	<0.0078	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0028	J		<0.0035	U	
		VMP-47-10-012313-R	1/23/2013	<0.68	U		<0.68	U		<0.59	U		<0.59	U		100			<0.31	U	
		VMP-47-10-060513	6/5/2013	<16	U		<16	U		<14	U		<14	U		670			<7.4	U	
	20 ft	VMP-47-20-012113	1/21/2013	<7.1	U		<7.1	U		<6.2	U		<6.2	U		160			<3.2	U	
		VMP-47-20-012313-R	1/23/2013	<17	U		<17	U		<15	U		<15	U		340			<7.6	U	
		VMP-47-20-060513	6/5/2013	<16	U		<16	U		<14	U		<14	U		700			<7.4	U	
		VMP-47-20-060513-Dup	6/5/2013	<15	U		<15	U		<13	U		<13	U		690			<7	U	
	30 ft	VMP-47-30-012113	1/21/2013	<5.2	U		<5.2	U		<4.5	U		<4.5	U		190			<2.4	U	
		VMP-47-30-012313-R	1/23/2013	<27	U		<27	U		<23	U		<23	U		430			<12	U	
		VMP-47-30-060513	6/5/2013	<16	U		<16	U		<14	U		<14	U		810			<7.5	U	
VMP-48	5 ft	VMP-48-5-020113	2/1/2013	0.00096	J		0.00096	J		<0.0063	U		<0.0063	U		0.0034	J		<0.0033	U	
		VMP-48-5-050313	5/3/2013	0.0013	J		0.0013	J		<0.0066	U		<0.0066	U		0.0026	J		<0.0034	U	
	10 ft	VMP-48-10-020113	2/1/2013	0.0018	J		0.0018	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U	
		VMP-48-10-050813	5/8/2013	0.002	J		0.002	J		0.0068	J	J	<0.0072	U		0.0039	J		<0.0037	U	
	20 ft	VMP-48-20-020113	2/1/2013	0.002	J		0.002	J		<0.0063	U		<0.0063	U		0.0013	J		<0.0032	U	
	30 ft	VMP-48-30-020113	2/1/2013	0.016			0.016			0.011			0.024			5.4			<0.0033	U	
		VMP-48-30-020113-DUP	2/1/2013	0.017	J		0.017	J		0.0093	J		0.022	J		5.5			<0.013	U	
		VMP-48-30-050313	5/3/2013	0.02			0.02			0.004	J		0.0071			0.97			<0.0031	U	
VMP-49	5 ft	VMP-49-5-020113	2/1/2013	0.0012	J		0.0012	J		<0.0066	U		<0.0066	U		0.0035	J		<0.0034	U	
		VMP-49-5-050713	5/7/2013	0.0016	J		0.0016	J		<0.0079	U		<0.0079	U		0.028			<0.0041	U	
	10 ft	VMP-49-10-020113	2/1/2013	0.00098	J		0.00098	J		0.0085			<0.0065	J	U	<0.0062	U		<0.0034	U	
		VMP-49-10-050713	5/7/2013	0.0017	J		0.0017	J		<0.0068	U		<0.0068	U		0.0016	J		<0.0035	U	
		VMP-49-10-050713-Dup	5/7/2013	0.0018	J		0.0018	J		<0.0073	U		<0.0073	U		0.0026	J		<0.0038	U	
	20 ft	VMP-49-20-020113	2/1/2013	0.0011	J		0.0011	J		<0.0063	U		<0.0063	U		0.0034	J		<0.0033	U	
		VMP-49-20-050913	5/9/2013	0.0018	J		0.0018	J		<0.0072	U		<0.0072	U		0.022			<0.0038	U	
	30 ft	VMP-49-30-020113	2/1/2013	<0.34	U		<0.34	U		<0.3	U		<0.3	U		45			<0.16	U	
		VMP-49-30-050813	5/8/2013	<0.73	U		<0.73	U		<0.64	U		<0.64	U		60			<0.33	U	
VMP-50	5 ft	VMP-50-5-020113	2/1/2013	0.0012	J		0.0012	J		<0.0062	U		<0.0062	U		0.012			<0.0032	U	
		VMP-50-5-050713	5/7/2013	0.0016	J		0.0016	J		<0.007	U		<0.007	U		0.0045	J		<0.0036	U	
	10 ft	VMP-50-10-020113	2/1/2013	0.0011	J		0.0011	J		<0.0068	J	U	<0.0068	J	U	0.0093			<0.0035	U	
		VMP-50-10-050713	5/7/2013	0.0011	J		0.0011	J		<0.0074	U		<0.0074	U		0.0033	J		<0.0038	U	
	20 ft	VMP-50-20-020113	2/1/2013	<0.03	U		<0.03	U		0.0075	J		<0.026	U		9.2			<0.014	U	
		VMP-50-20-050713	5/7/2013	<0.058	U		<0.058	U		0.021	J		0.017	J		16			<0.026	U	
	30 ft	VMP-50-30-020113	2/1/2013	<7.3	U		<7.3	U		39			19			450			<3.3	U	
		VMP-50-30-050713	5/7/2013	<4.3	U		<4.3	U		1200			330			900			<2	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	m,p-Xylenes			o-Xylenes			Isobutane			Isobutane			Pentane		
				130			120											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	<0.0063	U		<0.0063	U										
		VMP-47-5-012313-R	1/23/2013	<21	U		<21	U		470000 (ppbV)			470000 (ppbV)			230000 (ppbV)		
		VMP-47-5-060513	6/5/2013	18			<14	U										
	10 ft	VMP-47-10-012113	1/21/2013	<0.006	U		<0.006	U										
		VMP-47-10-012313-R	1/23/2013	0.19	J		<0.52	U		56000 (ppbV)			56000 (ppbV)					
		VMP-47-10-060513	6/5/2013	7	J		<12	U										
	20 ft	VMP-47-20-012113	1/21/2013	<5.5	U		<5.5	U		150000 (ppbV)			150000 (ppbV)			55000 (ppbV)		
		VMP-47-20-012313-R	1/23/2013	<13	U		<13	U		360000 (ppbV)			360000 (ppbV)			210000 (ppbV)		
		VMP-47-20-060513	6/5/2013	5.8	J		<13	U										
		VMP-47-20-060513-Dup	6/5/2013	3	J		<12	U										
	30 ft	VMP-47-30-012113	1/21/2013	<4	U		<4	U		130000 (ppbV)			130000 (ppbV)			46000 (ppbV)		
		VMP-47-30-012313-R	1/23/2013	<21	U		<21	U		460000 (ppbV)			460000 (ppbV)			230000 (ppbV)		
		VMP-47-30-060513	6/5/2013	<13	U		<13	U										
VMP-48	5 ft	VMP-48-5-020113	2/1/2013	<0.0056	U		<0.0056	U										
		VMP-48-5-050313	5/3/2013	<0.0058	U		<0.0058	U										
	10 ft	VMP-48-10-020113	2/1/2013	<0.0058	U		<0.0058	U										
		VMP-48-10-050813	5/8/2013	0.0021	J		<0.0064	U										
	20 ft	VMP-48-20-020113	2/1/2013	<0.0055	U		<0.0055	U										
	30 ft	VMP-48-30-020113	2/1/2013	0.01			0.0024	J	J									
		VMP-48-30-020113-DUP	2/1/2013	0.0094	J		<0.022	U	UJ									
		VMP-48-30-050313	5/3/2013	0.0048	J		0.0013	J										
VMP-49	5 ft	VMP-49-5-020113	2/1/2013	<0.0058	U		<0.0058	U										
		VMP-49-5-050713	5/7/2013	<0.007	U		<0.007	U										
	10 ft	VMP-49-10-020113	2/1/2013	<0.0057	J	U	<0.0057	U										
		VMP-49-10-050713	5/7/2013	0.0081			0.0036	J										
		VMP-49-10-050713-Dup	5/7/2013	0.0071			0.0037	J										
	20 ft	VMP-49-20-020113	2/1/2013	<0.0056	U		<0.0056	U										
		VMP-49-20-050913	5/9/2013	<0.0064	U		<0.0064	U										
	30 ft	VMP-49-30-020113	2/1/2013	<0.27	U		<0.27	U										
		VMP-49-30-050813	5/8/2013	<0.56	U		<0.56	U										
VMP-50	5 ft	VMP-50-5-020113	2/1/2013	<0.0055	U		<0.0055	U										
		VMP-50-5-050713	5/7/2013	<0.0062	U		<0.0062	U										
	10 ft	VMP-50-10-020113	2/1/2013	<0.006	U		<0.006	U										
		VMP-50-10-050713	5/7/2013	<0.0066	U		<0.0066	U										
	20 ft	VMP-50-20-020113	2/1/2013	0.0078	J		0.0071	J										
		VMP-50-20-050713	5/7/2013	0.044	J		0.045											
	30 ft	VMP-50-30-020113	2/1/2013	700			220											
		VMP-50-30-050713	5/7/2013	1200			530											

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene		
				750000			0.37			450000			11			6.9					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013	0.0077	J		<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U	
		VMP-51-5-050213	5/2/2013	0.028	J		0.00088	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U	
	10 ft	VMP-51-10-020113	2/1/2013	0.0061	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
		VMP-51-10-050213	5/2/2013	0.024	J		0.0012	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U	
	20 ft	VMP-51-20-021513-R	2/15/2013	0.013	J		0.0053			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U	
		VMP-51-20-050213	5/2/2013	0.016	J		0.00093	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U	
	30 ft	VMP-51-30-020413	2/4/2013	0.0062	J		0.056			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
		VMP-51-30-020413-DUP	2/4/2013	0.01	J		0.091			<0.0094	U		<0.014	U		<0.054	U		<0.0031	U	
		VMP-51-30-050213	5/2/2013	0.014	J		<0.0046	J	U	<0.0096	U		<0.015	U		<0.056	U		<0.0032	U	
VMP-52	5 ft	VMP-52-5-020413	2/4/2013	0.011	J		0.073			<0.0084	U		<0.013	U		<0.049	U		<0.0028	U	
		VMP-52-5-050213	5/2/2013	0.026	J		0.012		J	<0.01	U		<0.015	U		<0.058	U		<0.0033	U	
		VMP-52-5-050213-Dup	5/2/2013	0.03	J		0.022		J	<0.0094	U		<0.014	U		<0.054	U		<0.0031	U	
	10 ft	VMP-52-10-020413	2/4/2013	0.006	J		<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.0026	U	
		VMP-52-10-051613	5/16/2013	0.046			0.003	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U	
	20 ft	VMP-52-20-020413	2/4/2013	0.013	J		0.076		J	<0.009	U		<0.014	U		0.0025	J		<0.003	U	
		VMP-52-20-020413-DUP	2/4/2013	0.0058	J		0.012		J	<0.0086	U		<0.013	U		<0.05	U		<0.0028	U	
		VMP-52-20-050213	5/2/2013	0.023	J		<0.0048	J	U	<0.01	U		<0.016	U		<0.058	U		<0.0033	U	
	30 ft	VMP-52-30-020413	2/4/2013	0.088			0.0017	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U	
		VMP-52-30-050613	5/6/2013	0.0081	J		0.036			<0.0092	U		<0.014	U		<0.053	U		<0.003	U	
VMP-53	5 ft	VMP-53-5-020513	2/5/2013	0.015	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U	
		VMP-53-5-050213	5/2/2013	0.021	J		<0.0053		U	<0.01	U		<0.016	U		<0.059	U		<0.0034	U	
		VMP-53-5-071113-R	7/11/2013	0.018	J		0.0021	J		<0.014	U		<0.021	U		<0.08	U		<0.0045	U	
	10 ft	VMP-53-10-020513	2/5/2013	0.0094	J		0.059			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U	
		VMP-53-10-020513-DUP	2/5/2013	0.0096	J		0.017			<0.0083	U		<0.013	U		<0.048	U		<0.0027	U	
		VMP-53-10-050313	5/3/2013	0.013	J		27			<0.0094	U		<0.014	U		<0.054	U		<0.0031	U	
		VMP-53-10-071113-R	7/11/2013	0.012	J		0.0045	J		0.0031	J		<0.016	U		<0.06	U		<0.0034	U	
	20 ft	VMP-53-20-020513	2/5/2013	0.011	J		0.086			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U	
		VMP-53-20-050313	5/3/2013	0.023	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
		VMP-53-20-071113-R	7/11/2013	0.099			0.0038	J		<0.011	U		<0.016	U		<0.062	U		<0.0035	U	
	30 ft	VMP-53-30-020513	2/5/2013	0.0076	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U	
		VMP-53-30-050313	5/3/2013	0.012	J		0.028			<0.0093	U		<0.014	U		<0.054	U		<0.0031	U	
		VMP-53-30-071113-R	7/11/2013	0.014	J		0.0048	J		<0.011	U		<0.017	U		<0.064	U		<0.0036	U	
VMP-54	5 ft	VMP-54-5-020613	2/6/2013	0.0092	J		0.0024	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
		VMP-54-5-050213	5/2/2013	0.041			0.0093			<0.0085	U		<0.013	U		<0.049	U		<0.0028	U	
	10 ft	VMP-54-10-020613	2/6/2013	0.0094	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U	
		VMP-54-10-050213	5/2/2013	0.016	J		0.0014	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U	
	20 ft	VMP-54-20-020613	2/6/2013	0.029	J		0.0028	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
		VMP-54-20-020613-DUP	2/6/2013	0.023	J		0.036			<0.0092	U		<0.014	U		<0.054	U		<0.003	U	
		VMP-54-20-050213	5/2/2013	0.017	J		0.0013	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U	
	30 ft	VMP-54-30-020613	2/6/2013	0.012	J		0.014		J	<0.0099	U		<0.015	U		<0.057	U		<0.0033	U	
		VMP-54-30-020613-DUP	2/6/2013	0.013	J		0.0045	J	J	<0.0099	U		<0.015	U		<0.057	U		<0.0033	U	
		VMP-54-30-050213	5/2/2013	0.01	J		0.014			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	
		VMP-54-30-050213-Dup	5/2/2013	0.011	J		0.018			<0.0096	U		<0.015	U		<0.056	U		<0.0032	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Butane			Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			2-Butanone			Carbon disulfide		
																6400			780		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013	<0.013	U											<0.016	U		<0.017	J	U
		VMP-51-5-050213	5/2/2013	0.16												0.004	J		0.024		
	10 ft	VMP-51-10-020113	2/1/2013	<0.013	U											<0.016	U		<0.017	J	U
		VMP-51-10-050213	5/2/2013	0.065												<0.017	U		0.011	J	
	20 ft	VMP-51-20-021513-R	2/15/2013	<0.012	U											<0.016	U		<0.016	U	
		VMP-51-20-050213	5/2/2013	0.042												0.0079	J		<0.017	J	U
	30 ft	VMP-51-30-020413	2/4/2013	0.0071	J											<0.017	U		<0.018	J	U
		VMP-51-30-020413-DUP	2/4/2013	0.012	J											<0.016	U		<0.018	J	U
		VMP-51-30-050213	5/2/2013	0.026												<0.017	U		<0.018	J	U
VMP-52	5 ft	VMP-52-5-020413	2/4/2013	0.005	J											0.0028	J		<0.016	J	U
		VMP-52-5-050213	5/2/2013	<0.014	U											0.0043	J		<0.018	J	U
		VMP-52-5-050213-Dup	5/2/2013	<0.013	U											0.0069	J		<0.017	J	U
	10 ft	VMP-52-10-020413	2/4/2013	0.027												<0.014	U		0.023		
		VMP-52-10-051613	5/16/2013	0.01	J											0.0062	J		0.15		
	20 ft	VMP-52-20-020413	2/4/2013	0.082												0.0047	J		0.0092	J	
		VMP-52-20-020413-DUP	2/4/2013	0.069												<0.015	U		0.0088	J	
		VMP-52-20-050213	5/2/2013	0.036												0.0035	J		<0.019	J	U
	30 ft	VMP-52-30-020413	2/4/2013	0.082												<0.016	U		<0.018	J	U
		VMP-52-30-050613	5/6/2013	0.028												<0.016	U		0.0097	J	J
VMP-53	5 ft	VMP-53-5-020513	2/5/2013	0.0032	J											<0.015	U		<0.016	J	U
		VMP-53-5-050213	5/2/2013	0.013	J											<0.018	U		<0.019	J	U
		VMP-53-5-071113-R	7/11/2013	0.012	J											<0.024	U		0.0067	J	
	10 ft	VMP-53-10-020513	2/5/2013	0.0051	J											<0.016	U		<0.016	J	U
		VMP-53-10-020513-DUP	2/5/2013	0.0032	J											<0.014	U		<0.015	J	U
		VMP-53-10-050313	5/3/2013	1.2												<0.016	U		<0.017	U	
		VMP-53-10-071113-R	7/11/2013	<0.015	U											<0.018	U		0.0045	J	
	20 ft	VMP-53-20-020513	2/5/2013	<0.012	U											<0.016	U		<0.016	J	U
		VMP-53-20-050313	5/3/2013	<0.014	U											<0.017	U		<0.018	J	U
		VMP-53-20-071113-R	7/11/2013	<0.015	U											<0.019	U		0.0041	J	
	30 ft	VMP-53-30-020513	2/5/2013	<0.013	U											<0.016	U		<0.017	J	U
		VMP-53-30-050313	5/3/2013	<0.013	U											<0.016	U		<0.017	J	U
		VMP-53-30-071113-R	7/11/2013	0.0087	J											<0.019	U		0.005	J	
VMP-54	5 ft	VMP-54-5-020613	2/6/2013	0.025												<0.016	U		<0.017	J	U
		VMP-54-5-050213	5/2/2013	0.021												0.0032	J		<0.016	J	U
	10 ft	VMP-54-10-020613	2/6/2013	0.0051	J											<0.017	U		<0.018	J	U
		VMP-54-10-050213	5/2/2013	0.0073	J											<0.017	U		<0.018	J	U
	20 ft	VMP-54-20-020613	2/6/2013	0.0049	J											0.005	J		<0.017	J	U
		VMP-54-20-020613-DUP	2/6/2013	0.0061	J											0.0033	J		<0.017	J	U
		VMP-54-20-050213	5/2/2013	0.0053	J											0.0038	J		<0.017	J	U
	30 ft	VMP-54-30-020613	2/6/2013	<0.014	U											<0.017	U		<0.018	J	U
		VMP-54-30-020613-DUP	2/6/2013	<0.014	U											<0.017	U		<0.018	J	U
		VMP-54-30-050213	5/2/2013	0.0062	J											<0.017	U		<0.018	U	
		VMP-54-30-050213-Dup	5/2/2013	0.0094	J											<0.017	U		<0.018	J	U

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane		
				0.21			69			57000						0.11					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0038	J		<0.028	U	
		VMP-51-5-050213	5/2/2013	<0.008	U		<0.0058	J	U	<0.011	U		<0.013	U		0.0067			<0.026	U	
	10 ft	VMP-51-10-020113	2/1/2013	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.011			<0.028	U	
		VMP-51-10-050213	5/2/2013	<0.009	U		<0.0066	J	U	<0.012	U		<0.015	U		0.0058	J		<0.03	U	
	20 ft	VMP-51-20-021513-R	2/15/2013	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.02			<0.027	U	
		VMP-51-20-050213	5/2/2013	<0.0088	U		<0.0064	J	U	<0.012	U		<0.015	U		0.005	J		<0.029	U	
	30 ft	VMP-51-30-020413	2/4/2013	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.016			<0.03	U	
		VMP-51-30-020413-DUP	2/4/2013	<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		0.015			<0.029	U	
		VMP-51-30-050213	5/2/2013	<0.009	U		<0.0066	J	U	<0.012	U		<0.015	U		0.0054	J		<0.03	U	
VMP-52	5 ft	VMP-52-5-020413	2/4/2013	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U	
		VMP-52-5-050213	5/2/2013	<0.0094	U		<0.0068	J	U	<0.013	U		<0.016	U		<0.0073	U		<0.031	U	
		VMP-52-5-050213-Dup	5/2/2013	<0.0088	U		<0.0064	J	U	<0.012	J	U	<0.015	U		<0.0068	U		<0.029	U	
	10 ft	VMP-52-10-020413	2/4/2013	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.002	J		<0.025	U	
		VMP-52-10-051613	5/16/2013	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U	
	20 ft	VMP-52-20-020413	2/4/2013	<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		0.0025	J		<0.028	U	
		VMP-52-20-020413-DUP	2/4/2013	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0023	J		<0.026	U	
		VMP-52-20-050213	5/2/2013	<0.0095	U		<0.0069	J	U	<0.013	U		<0.016	U		0.0088			<0.031	U	
	30 ft	VMP-52-30-020413	2/4/2013	<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U	
		VMP-52-30-050613	5/6/2013	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0067			<0.028	U	
VMP-53	5 ft	VMP-53-5-020513	2/5/2013	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U	
		VMP-53-5-050213	5/2/2013	<0.0096	U		<0.007	J	U	<0.013	U		<0.016	U		<0.0075	U		<0.032	U	
		VMP-53-5-071113-R	7/11/2013	<0.013	U		0.0063	J		0.0022	J		<0.022	U		<0.01	U		<0.042	U	
	10 ft	VMP-53-10-020513	2/5/2013	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U	
		VMP-53-10-020513-DUP	2/5/2013	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U	
		VMP-53-10-050313	5/3/2013	<0.0088	U		<0.0064	J	U	<0.012	U		<0.015	U		<0.0068	U		<0.029	U	
		VMP-53-10-071113-R	7/11/2013	<0.0097	U		<0.0071	J	U	<0.013	U		<0.016	U		0.027			<0.032	U	
	20 ft	VMP-53-20-020513	2/5/2013	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0051	J		<0.027	U	
		VMP-53-20-050313	5/3/2013	<0.0091	U		<0.0067	J	U	<0.012	U		<0.015	U		<0.0071	U		<0.03	U	
		VMP-53-20-071113-R	7/11/2013	<0.01	U		<0.0073	J	U	<0.014	U		<0.017	U		<0.0077	U		<0.033	U	
	30 ft	VMP-53-30-020513	2/5/2013	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.012			<0.028	U	
		VMP-53-30-050313	5/3/2013	<0.0087	U		<0.0064	J	U	<0.012	U		<0.015	U		0.0071			<0.029	U	
		VMP-53-30-071113-R	7/11/2013	<0.01	U		<0.0076	J	U	<0.014	U		<0.017	U		0.0055	J		<0.034	U	
VMP-54	5 ft	VMP-54-5-020613	2/6/2013	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	
		VMP-54-5-050213	5/2/2013	<0.008	U		<0.0058	J	U	<0.011	U		<0.013	U		<0.0062	U		<0.026	U	
	10 ft	VMP-54-10-020613	2/6/2013	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U	
		VMP-54-10-050213	5/2/2013	<0.0093	U		<0.0068	J	U	<0.013	U		<0.016	U		<0.0072	U		0.0043	J	
	20 ft	VMP-54-20-020613	2/6/2013	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	
		VMP-54-20-020613-DUP	2/6/2013	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	
		VMP-54-20-050213	5/2/2013	<0.0085	U		<0.0062	J	U	<0.012	U		<0.014	U		<0.0066	U		<0.028	U	
	30 ft	VMP-54-30-020613	2/6/2013	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U	
		VMP-54-30-020613-DUP	2/6/2013	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U	
		VMP-54-30-050213	5/2/2013	<0.0091	U		<0.0066	J	U	<0.012	U		<0.015	U		<0.007	U		<0.03	U	
		VMP-54-30-050213-Dup	5/2/2013	<0.0091	U		<0.0066	J	U	<0.012	J	U	<0.015	U		<0.007	U		<0.03	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	alpha-Chlorotoluene			Cyclobutane, ethyl-			Cyclohexane			Cyclopentane, methyl-			1,2-Dibromoethane			1,2-Dichlorobenzene		
																0.011			290		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013	<0.0071	U					<0.0047	U					<0.01	U		<0.0082	U	
		VMP-51-5-050213	5/2/2013	<0.0066	U					0.005						<0.0098	U		<0.0076	U	
	10 ft	VMP-51-10-020113	2/1/2013	<0.0071	U					<0.0048	U					<0.011	U		<0.0083	U	
		VMP-51-10-050213	5/2/2013	<0.0074	U					0.0083						<0.011	U		<0.0086	U	
	20 ft	VMP-51-20-021513-R	2/15/2013	<0.0068	U					0.0014	J					<0.01	U		<0.0079	U	
		VMP-51-20-050213	5/2/2013	<0.0072	U					0.0022	J					<0.011	U		<0.0084	U	
	30 ft	VMP-51-30-020413	2/4/2013	<0.0075	U					0.0049						<0.011	U		<0.0087	U	
		VMP-51-30-020413-DUP	2/4/2013	<0.0073	U					0.0087						<0.011	U		<0.0084	U	
		VMP-51-30-050213	5/2/2013	<0.0074	J	U				0.0043	J					<0.011	J	U	<0.0086	J	U
VMP-52	5 ft	VMP-52-5-020413	2/4/2013	<0.0065	U					<0.0043	U					<0.0097	U		<0.0076	U	
		VMP-52-5-050213	5/2/2013	<0.0077	J	U				0.0033	J					<0.011	U		<0.009	U	
		VMP-52-5-050213-Dup	5/2/2013	<0.0072	J	U				0.0087						<0.011	U		<0.0084	U	
	10 ft	VMP-52-10-020413	2/4/2013	<0.0062	U					<0.0041	U					<0.0092	U		<0.0072	U	
		VMP-52-10-051613	5/16/2013	<0.0074	U					0.036						<0.011	U		<0.0086	U	
	20 ft	VMP-52-20-020413	2/4/2013	<0.0069	U					0.023						<0.01	U		<0.008	J	U
		VMP-52-20-020413-DUP	2/4/2013	<0.0066	U					0.018						<0.0099	U		<0.0077	U	
		VMP-52-20-050213	5/2/2013	<0.0078	J	U				0.0023	J					<0.012	U		<0.009	U	
	30 ft	VMP-52-30-020413	2/4/2013	<0.0073	U					0.023						<0.011	U		<0.0084	U	
		VMP-52-30-050613	5/6/2013	<0.0071	U					0.0035	J					<0.01	U		<0.0083	U	
VMP-53	5 ft	VMP-53-5-020513	2/5/2013	<0.0067	U					<0.0044	U					<0.0099	U		<0.0078	U	
		VMP-53-5-050213	5/2/2013	<0.0079	J	U				0.0072						<0.012	U		<0.0092	U	
		VMP-53-5-071113-R	7/11/2013	0.004	J					<0.0071	U					0.0038	J		<0.012	J	U
	10 ft	VMP-53-10-020513	2/5/2013	<0.0068	U					0.0043	J					<0.01	U		<0.0079	U	
		VMP-53-10-020513-DUP	2/5/2013	<0.0064	U					<0.0042	U					<0.0095	U		<0.0074	U	
		VMP-53-10-050313	5/3/2013	<0.0072	U					0.49						<0.011	U		<0.0084	U	
		VMP-53-10-071113-R	7/11/2013	<0.008	J	U				<0.0053	U					<0.012	U		<0.0093	J	U
	20 ft	VMP-53-20-020513	2/5/2013	<0.0068	U					<0.0045	U					<0.01	U		<0.0079	U	
		VMP-53-20-050313	5/3/2013	<0.0075	U					<0.005	U					<0.011	U		<0.0087	U	
		VMP-53-20-071113-R	7/11/2013	<0.0082	U					<0.0054	U					<0.012	U		<0.0095	U	
	30 ft	VMP-53-30-020513	2/5/2013	<0.007	U					<0.0046	U					<0.01	U		<0.0081	U	
		VMP-53-30-050313	5/3/2013	<0.0072	U					<0.0048	U					<0.011	U		<0.0084	U	
		VMP-53-30-071113-R	7/11/2013	<0.0085	U					<0.0056	U					<0.013	U		<0.0099	U	
VMP-54	5 ft	VMP-54-5-020613	2/6/2013	<0.0071	U					0.0026	J					<0.011	U		<0.0083	U	
		VMP-54-5-050213	5/2/2013	<0.0065	J	U				0.0065						<0.0097	U		<0.0076	U	
	10 ft	VMP-54-10-020613	2/6/2013	<0.0073	U					<0.0048	U					<0.011	U		<0.0085	U	
		VMP-54-10-050213	5/2/2013	<0.0077	J	U				<0.0051	U					<0.011	U		<0.0089	U	
	20 ft	VMP-54-20-020613	2/6/2013	<0.0071	U					<0.0048	U					<0.011	U		<0.0083	U	
		VMP-54-20-020613-DUP	2/6/2013	<0.0071	U					0.0026	J					<0.011	U		<0.0083	U	
		VMP-54-20-050213	5/2/2013	<0.007	J	U				<0.0047	U					<0.01	U		<0.0081	U	
	30 ft	VMP-54-30-020613	2/6/2013	<0.0077	U					<0.0051	U					<0.011	U		<0.0089	U	
		VMP-54-30-020613-DUP	2/6/2013	<0.0077	U					<0.0051	U					<0.011	U		<0.0089	U	
		VMP-54-30-050213	5/2/2013	<0.0075	U					0.0025	J					<0.011	U		<0.0087	U	
		VMP-54-30-050213-Dup	5/2/2013	<0.0074	J	U				0.0033	J					<0.011	J	U	<0.0086	J	U

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
							1200						690			0.099			240		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013	<0.0082	U		<0.0082	U		0.0021	J		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-51-5-050213	5/2/2013	<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U		<0.005	U	
	10 ft	VMP-51-10-020113	2/1/2013	<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-51-10-050213	5/2/2013	<0.0086	U		<0.0086	U		0.0025	J		<0.0058	U		<0.0058	U		<0.0057	U	
	20 ft	VMP-51-20-021513-R	2/15/2013	<0.0079	U		<0.0079	J	U	0.0026	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-51-20-050213	5/2/2013	<0.0084	U		<0.0084	U		0.0026	J		<0.0057	U		<0.0057	U		<0.0056	U	
	30 ft	VMP-51-30-020413	2/4/2013	<0.0087	U		<0.0087	U		0.002	J		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-51-30-020413-DUP	2/4/2013	<0.0084	U		<0.0084	U		0.0022	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-51-30-050213	5/2/2013	<0.0086	J	U	<0.0086	J	U	0.0031	J		<0.0058	U		<0.0058	U		<0.0057	U	
VMP-52	5 ft	VMP-52-5-020413	2/4/2013	<0.0076	J	U	<0.0076	J	U	0.0024	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-52-5-050213	5/2/2013	<0.009	J	U	<0.009	J	U	0.0026	J		<0.006	U		<0.006	U		<0.0059	U	
		VMP-52-5-050213-Dup	5/2/2013	<0.0084	U		<0.0084	J	U	0.0029	J		<0.0057	U		<0.0057	U		<0.0056	U	
	10 ft	VMP-52-10-020413	2/4/2013	<0.0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0.0048	U		<0.0048	U	
		VMP-52-10-051613	5/16/2013	<0.0086	J	U	<0.0086	J	U	0.0026	J		<0.0058	U		<0.0058	U		<0.0057	U	
	20 ft	VMP-52-20-020413	2/4/2013	<0.008	J	U	<0.008	J	U	0.0028	J		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-52-20-020413-DUP	2/4/2013	<0.0077	J	U	<0.0077	J	U	0.0022	J		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-52-20-050213	5/2/2013	<0.009	U		<0.009	J	U	0.0028	J		<0.0061	U		<0.0061	U		<0.006	U	
	30 ft	VMP-52-30-020413	2/4/2013	<0.0084	U		<0.0084	U		0.0024	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-52-30-050613	5/6/2013	<0.0083	U		<0.0083	J	U	0.003	J		<0.0056	U		<0.0056	U		<0.0054	U	
VMP-53	5 ft	VMP-53-5-020513	2/5/2013	<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-53-5-050213	5/2/2013	<0.0092	U		<0.0092	J	U	0.003	J		<0.0062	U		<0.0062	U		<0.0061	U	
		VMP-53-5-071113-R	7/11/2013	<0.012	J	U	0.0063	J		<0.01	U		<0.0083	U		<0.0083	U		<0.0081	U	
	10 ft	VMP-53-10-020513	2/5/2013	<0.0079	U		<0.0079	U		0.0028	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-53-10-020513-DUP	2/5/2013	<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-53-10-050313	5/3/2013	<0.0084	U		<0.0084	U		0.0027	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-53-10-071113-R	7/11/2013	<0.0093	J	U	<0.0093	J	U	0.0038	J		<0.0062	U		0.0012	J		<0.0061	U	
	20 ft	VMP-53-20-020513	2/5/2013	<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-53-20-050313	5/3/2013	<0.0087	U		<0.0087	U		0.0028	J		<0.0059	U		<0.0059	U		<0.0057	U	
		VMP-53-20-071113-R	7/11/2013	<0.0095	J	U	<0.0095	J	U	0.0028	J		<0.0064	U		<0.0064	U		<0.0063	U	
	30 ft	VMP-53-30-020513	2/5/2013	<0.0081	U		<0.0081	U		0.0026	J		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-53-30-050313	5/3/2013	<0.0084	U		<0.0084	U		0.0028	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-53-30-071113-R	7/11/2013	<0.0099	U		<0.0099	J	U	0.0033	J		<0.0066	U		<0.0066	U		<0.0065	U	
VMP-54	5 ft	VMP-54-5-020613	2/6/2013	<0.0083	U		<0.0083	U		0.0021	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-54-5-050213	5/2/2013	<0.0076	U		<0.0076	J	U	0.0025	J		<0.0051	U		<0.0051	U		<0.005	U	
	10 ft	VMP-54-10-020613	2/6/2013	<0.0085	U		<0.0085	U		0.0028	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-54-10-050213	5/2/2013	<0.0089	J	U	<0.0089	U		0.0031	J		<0.006	U		<0.006	U		<0.0059	U	
	20 ft	VMP-54-20-020613	2/6/2013	<0.0083	J	U	<0.0083	J	U	0.0028	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-54-20-020613-DUP	2/6/2013	<0.0083	J	U	<0.0083	J	U	0.0023	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-54-20-050213	5/2/2013	<0.0081	J	U	<0.0081	J	U	0.0031	J		<0.0055	U		<0.0055	U		<0.0054	U	
	30 ft	VMP-54-30-020613	2/6/2013	<0.0089	U		<0.0089	U		0.0026	J		<0.006	U		<0.006	U		<0.0059	U	
		VMP-54-30-020613-DUP	2/6/2013	<0.0089	U		<0.0089	U		0.0025	J		<0.006	U		<0.006	U		<0.0059	U	
		VMP-54-30-050213	5/2/2013	<0.0087	U		<0.0087	U		0.0025	J		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-54-30-050213-Dup	5/2/2013	<0.0086	J	U	<0.0086	J	U	0.0032	J		<0.0058	U		<0.0058	U		<0.0057	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene		
				1100000			85			5.6			0.062			0.9			0.9		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013	<0.0054	U		<0.0054	U		<0.047	J	U	<0.0063	U		<0.0062	U		<0.0062	U	
		VMP-51-5-050213	5/2/2013	<0.005	U		<0.005	U		<0.044	J	U	<0.0059	U		<0.0058	U		<0.0058	U	
	10 ft	VMP-51-10-020113	2/1/2013	<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-51-10-050213	5/2/2013	<0.0057	U		<0.0057	U		<0.05	J	U	<0.0066	U		<0.0065	U		<0.0065	J	U
	20 ft	VMP-51-20-021513-R	2/15/2013	<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U	
		VMP-51-20-050213	5/2/2013	<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U	
	30 ft	VMP-51-30-020413	2/4/2013	<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-51-30-020413-DUP	2/4/2013	<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U	
		VMP-51-30-050213	5/2/2013	<0.0057	U		<0.0057	U		<0.05	J	U	<0.0066	U		<0.0065	U		<0.0065	U	
VMP-52	5 ft	VMP-52-5-020413	2/4/2013	<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-52-5-050213	5/2/2013	<0.0059	U		<0.0059	U		<0.052	J	U	<0.0069	U		<0.0068	U		<0.0068	U	
		VMP-52-5-050213-Dup	5/2/2013	<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U	
	10 ft	VMP-52-10-020413	2/4/2013	<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U	
		VMP-52-10-051613	5/16/2013	<0.0057	U		<0.0057	U		<0.05	J	U	<0.0066	U		<0.0065	U		<0.0065	U	
	20 ft	VMP-52-20-020413	2/4/2013	<0.0053	U		<0.0053	U		<0.046	J	U	<0.0062	U		<0.0061	U		<0.0061	U	
		VMP-52-20-020413-DUP	2/4/2013	<0.0051	U		<0.0051	U		<0.045	J	U	<0.0059	U		<0.0058	U		<0.0058	U	
		VMP-52-20-050213	5/2/2013	<0.006	U		<0.006	U		<0.052	J	U	<0.007	U		<0.0068	U		<0.0068	U	
	30 ft	VMP-52-30-020413	2/4/2013	<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U	
		VMP-52-30-050613	5/6/2013	<0.0054	U		<0.0054	U		<0.048	U		<0.0064	U		<0.0062	U		<0.0062	J	U
VMP-53	5 ft	VMP-53-5-020513	2/5/2013	<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U	
		VMP-53-5-050213	5/2/2013	<0.0061	U		<0.0061	U		<0.053	J	U	<0.0071	U		<0.0069	U		<0.0069	J	U
		VMP-53-5-071113-R	7/11/2013	<0.0081	U		<0.0081	U		<0.071	U		<0.0095	U		<0.0093	U		<0.0093	J	U
	10 ft	VMP-53-10-020513	2/5/2013	<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U	
		VMP-53-10-020513-DUP	2/5/2013	<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U	
		VMP-53-10-050313	5/3/2013	<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U	
		VMP-53-10-071113-R	7/11/2013	<0.0061	U		<0.0061	U		<0.054	U		<0.0071	U		<0.007	U		<0.007	U	
	20 ft	VMP-53-20-020513	2/5/2013	<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U	
		VMP-53-20-050313	5/3/2013	<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-53-20-071113-R	7/11/2013	<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U	
	30 ft	VMP-53-30-020513	2/5/2013	<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U	
		VMP-53-30-050313	5/3/2013	<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	J	U
		VMP-53-30-071113-R	7/11/2013	<0.0065	U		<0.0065	U		0.012	J		<0.0076	U		<0.0074	U		<0.0074	U	
VMP-54	5 ft	VMP-54-5-020613	2/6/2013	<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-54-5-050213	5/2/2013	<0.005	U		<0.005	U		0.0059	J		<0.0058	U		<0.0057	U		<0.0057	J	U
	10 ft	VMP-54-10-020613	2/6/2013	<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U	
		VMP-54-10-050213	5/2/2013	<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	J	U
	20 ft	VMP-54-20-020613	2/6/2013	<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-54-20-020613-DUP	2/6/2013	<0.0055	U		<0.0055	U		0.00092	J		<0.0064	U		<0.0063	U		<0.0063	U	
		VMP-54-20-050213	5/2/2013	<0.0054	U		<0.0054	U		<0.047	J	U	<0.0063	U		<0.0061	U		<0.0061	J	U
	30 ft	VMP-54-30-020613	2/6/2013	<0.0059	U		<0.0059	U		0.00097	J		<0.0068	U		<0.0067	U		<0.0067	U	
		VMP-54-30-020613-DUP	2/6/2013	<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U	
		VMP-54-30-050213	5/2/2013	<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U	
		VMP-54-30-050213-Dup	5/2/2013	<0.0057	U		<0.0057	U		<0.05	J	U	<0.0066	U		<0.0065	U		<0.0065	J	U

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 113		
				0.22						1400											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013	<0.02	U		0.0015	J		<0.0059	U		<0.0067	U		<0.01	U		<0.01	U	
		VMP-51-5-050213	5/2/2013	<0.018	U		0.01			<0.0055	U		<0.0062	J	U	<0.0097	U		<0.0097	U	
	10 ft	VMP-51-10-020113	2/1/2013	<0.02	U		0.0029	J		<0.006	U		<0.0068	U		<0.01	U		<0.01	U	
		VMP-51-10-050213	5/2/2013	<0.021	U		0.0066	J		<0.0062	U		<0.007	U		<0.011	U		<0.011	U	
	20 ft	VMP-51-20-021513-R	2/15/2013	<0.019	U		0.0054	J		0.0045	J		0.0019	J		<0.01	U		<0.01	U	
		VMP-51-20-050213	5/2/2013	<0.02	U		<0.01	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.011	U	
	30 ft	VMP-51-30-020413	2/4/2013	<0.021	U		0.0023	J		<0.0063	U		<0.0071	U		<0.011	U		<0.011	U	
		VMP-51-30-020413-DUP	2/4/2013	<0.02	U		0.0021	J		<0.0061	U		<0.0069	U		<0.011	U		<0.011	U	
		VMP-51-30-050213	5/2/2013	<0.021	U		<0.011	U		<0.0062	J	U	<0.007	U		<0.011	U		<0.011	U	
VMP-52	5 ft	VMP-52-5-020413	2/4/2013	<0.018	U		0.0039	J		<0.0055	U		<0.0062	J	U	<0.0096	U		<0.0096	U	
		VMP-52-5-050213	5/2/2013	<0.021	U		0.004	J		0.0075			<0.0073	U		<0.011	U		<0.011	U	
		VMP-52-5-050213-Dup	5/2/2013	0.0086	J		<0.01	U		0.0081			<0.0069	J	U	<0.011	U		<0.011	U	
	10 ft	VMP-52-10-020413	2/4/2013	<0.017	U		0.0032	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0092	U	
		VMP-52-10-051613	5/16/2013	<0.021	U		0.0094	J		0.024			0.16		J	<0.011	U		<0.011	U	
	20 ft	VMP-52-20-020413	2/4/2013	<0.019	U		0.0027	J		<0.0058	U		<0.0066	J	U	<0.01	U		<0.01	U	
		VMP-52-20-020413-DUP	2/4/2013	<0.018	U		0.0034	J		<0.0056	U		<0.0063	J	U	<0.0098	U		<0.0098	U	
		VMP-52-20-050213	5/2/2013	<0.022	U		0.0087	J		<0.0065	U		<0.0074	J	U	<0.012	U		<0.012	U	
	30 ft	VMP-52-30-020413	2/4/2013	<0.02	U		<0.01	U		<0.0061	U		<0.0069	U		<0.011	U		<0.011	U	
		VMP-52-30-050613	5/6/2013	<0.02	U		0.004	J		<0.006	U		<0.0068	U		<0.01	U		<0.01	U	
VMP-53	5 ft	VMP-53-5-020513	2/5/2013	<0.018	U		0.0027	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.0099	U	
		VMP-53-5-050213	5/2/2013	<0.022	U		0.012			<0.0066	U		<0.0075	U		<0.012	U		<0.012	U	
		VMP-53-5-071113-R	7/11/2013	<0.03	U		<0.015	U		0.0025	J		0.018			<0.016	U		<0.016	U	
	10 ft	VMP-53-10-020513	2/5/2013	<0.019	U		0.0018	J		<0.0057	U		<0.0065	U		<0.01	U		<0.01	U	
		VMP-53-10-020513-DUP	2/5/2013	<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0095	U	
		VMP-53-10-050313	5/3/2013	<0.02	U		<0.01	U		0.051			0.013			<0.011	U		<0.011	U	
		VMP-53-10-071113-R	7/11/2013	<0.022	U		<0.012	U		<0.0067	U		<0.0076	J	U	<0.012	U		<0.012	U	
	20 ft	VMP-53-20-020513	2/5/2013	<0.019	U		0.0032	J		<0.0057	U		<0.0065	U		<0.01	U		<0.01	U	
		VMP-53-20-050313	5/3/2013	<0.021	U		0.0054	J		<0.0063	U		<0.0071	U		<0.011	U		<0.011	U	
		VMP-53-20-071113-R	7/11/2013	<0.023	U		<0.012	U		<0.0069	U		<0.0078	U		<0.012	U		<0.012	U	
	30 ft	VMP-53-30-020513	2/5/2013	<0.019	U		<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.01	U	
		VMP-53-30-050313	5/3/2013	<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.011	U	
		VMP-53-30-071113-R	7/11/2013	<0.024	U		<0.012	U		<0.0071	U		<0.0081	U		<0.012	U		<0.012	U	
VMP-54	5 ft	VMP-54-5-020613	2/6/2013	<0.02	U		0.0037	J		0.011			0.043			<0.01	U		<0.01	U	
		VMP-54-5-050213	5/2/2013	<0.018	U		0.0084	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0097	U	
	10 ft	VMP-54-10-020613	2/6/2013	<0.02	U		0.0022	J		0.0034	J		0.0064	J		<0.011	U		<0.011	U	
		VMP-54-10-050213	5/2/2013	<0.021	U		<0.011	J	U	<0.0064	U		<0.0073	U		<0.011	U		<0.011	U	
	20 ft	VMP-54-20-020613	2/6/2013	<0.02	U		0.0032	J		<0.006	U		<0.0068	J	U	<0.01	U		<0.01	U	
		VMP-54-20-020613-DUP	2/6/2013	<0.02	U		0.005	J		<0.006	U		<0.0068	J	U	<0.01	U		<0.01	U	
		VMP-54-20-050213	5/2/2013	<0.02	U		<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		<0.01	U	
	30 ft	VMP-54-30-020613	2/6/2013	<0.021	U		0.0027	J		<0.0064	U		<0.0073	U		<0.011	U		<0.011	U	
		VMP-54-30-020613-DUP	2/6/2013	<0.021	U		0.0035	J		<0.0064	U		<0.0073	U		<0.011	U		<0.011	U	
		VMP-54-30-050213	5/2/2013	0.0073	J		<0.011	U		0.0079			0.0032	J		<0.011	U		<0.011	U	
		VMP-54-30-050213-Dup	5/2/2013	<0.021	U		<0.011	U		0.009			0.0032	J		<0.011	U		<0.011	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Freon 114			Heptadecane			Heptane			Hexachlorobutadiene			Hexane			Hexane, 2,2,4-trimethyl-		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013	<0.0095	U					<0.0056	U		<0.058	U		0.0011	J				
		VMP-51-5-050213	5/2/2013	<0.0089	U					<0.0052	U		<0.054	U		<0.0045	U				
	10 ft	VMP-51-10-020113	2/1/2013	<0.0096	U					<0.0056	U		<0.059	U		0.0013	J				
		VMP-51-10-050213	5/2/2013	<0.01	U					<0.0059	U		<0.061	U		<0.005	U				
	20 ft	VMP-51-20-021513-R	2/15/2013	<0.0092	U					<0.0054	U		<0.056	U		0.0012	J				
		VMP-51-20-050213	5/2/2013	<0.0098	U					<0.0057	U		<0.06	U		<0.0049	U				
	30 ft	VMP-51-30-020413	2/4/2013	<0.01	U					0.0026	J		<0.062	U		0.0052					
		VMP-51-30-020413-DUP	2/4/2013	<0.0098	U					0.0038	J		<0.06	U		0.007					
		VMP-51-30-050213	5/2/2013	<0.01	U					<0.0059	U		<0.061	U		0.0018	J				
VMP-52	5 ft	VMP-52-5-020413	2/4/2013	<0.0088	U					<0.0052	U		<0.054	U		0.0014	J				
		VMP-52-5-050213	5/2/2013	<0.01	U					0.0072			<0.064	U		0.0033	J				
		VMP-52-5-050213-Dup	5/2/2013	<0.0098	U					0.01			<0.06	U		0.0049					
	10 ft	VMP-52-10-020413	2/4/2013	<0.0084	U					<0.0049	U		<0.051	U		0.001	J				
		VMP-52-10-051613	5/16/2013	<0.01	U					0.064			<0.061	U		0.052					
	20 ft	VMP-52-20-020413	2/4/2013	<0.0094	U					0.0043	J		<0.057	J	U	0.01					
		VMP-52-20-020413-DUP	2/4/2013	<0.009	U					<0.0053	U		<0.055	U		0.0052					
		VMP-52-20-050213	5/2/2013	<0.01	U					<0.0062	U		<0.064	U		0.0018	J				
	30 ft	VMP-52-30-020413	2/4/2013	<0.0098	U					0.0013	J		<0.06	U		0.011					
		VMP-52-30-050613	5/6/2013	<0.0096	U					<0.0056	U		<0.059	U		0.0049					
VMP-53	5 ft	VMP-53-5-020513	2/5/2013	<0.009	U					<0.0053	U		<0.055	U		0.00092	J				
		VMP-53-5-050213	5/2/2013	<0.011	U					0.0044	J		<0.065	U		0.0067					
		VMP-53-5-071113-R	7/11/2013	<0.014	U					0.0038	J		<0.088	J	U	0.0031	J				
	10 ft	VMP-53-10-020513	2/5/2013	<0.0092	U					0.0016	J		<0.056	U		0.004	J				
		VMP-53-10-020513-DUP	2/5/2013	<0.0086	U					0.0013	J		<0.053	U		0.0021	J				
		VMP-53-10-050313	5/3/2013	<0.0098	U					0.4			<0.06	U		1.4					
		VMP-53-10-071113-R	7/11/2013	<0.011	U					0.0024	J		<0.066	U		0.003	J				
	20 ft	VMP-53-20-020513	2/5/2013	<0.0092	U					<0.0054	U		<0.056	U		0.0016	J				
		VMP-53-20-050313	5/3/2013	<0.01	U					<0.0059	U		<0.062	U		<0.0051	U				
		VMP-53-20-071113-R	7/11/2013	<0.011	U					0.007			<0.068	U		0.0062					
	30 ft	VMP-53-30-020513	2/5/2013	<0.0094	U					<0.0055	U		<0.057	U		0.00081	J				
		VMP-53-30-050313	5/3/2013	<0.0097	U					<0.0057	U		<0.059	U		<0.0049	U				
		VMP-53-30-071113-R	7/11/2013	<0.011	U					0.0069			<0.07	U		0.0055	J				
VMP-54	5 ft	VMP-54-5-020613	2/6/2013	<0.0096	U					0.005	J		<0.059	U		0.006					
		VMP-54-5-050213	5/2/2013	<0.0088	U					<0.0052	U		<0.054	U		0.0015	J				
	10 ft	VMP-54-10-020613	2/6/2013	<0.0098	U					0.0013	J		<0.06	U		0.0017	J				
		VMP-54-10-050213	5/2/2013	<0.01	U					0.0016	J		<0.063	U		0.0018	J				
	20 ft	VMP-54-20-020613	2/6/2013	<0.0096	U					0.004	J		<0.059	U		0.004	J				
		VMP-54-20-020613-DUP	2/6/2013	<0.0096	U					0.0048	J		<0.059	U		0.0064					
		VMP-54-20-050213	5/2/2013	<0.0095	U					0.0014	J		<0.058	U		<0.0048	U				
	30 ft	VMP-54-30-020613	2/6/2013	<0.01	U					<0.0061	U		<0.063	U		0.0016	J				
		VMP-54-30-020613-DUP	2/6/2013	<0.01	U					<0.0061	U		<0.063	U		0.0016	J				
		VMP-54-30-050213	5/2/2013	<0.01	U					0.0073			<0.062	U		0.0049	J				
		VMP-54-30-050213-Dup	5/2/2013	<0.01	U					0.011			<0.061	U		0.0076					

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Hexane, 3,4-dimethyl-			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
													600						3400		
				Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013				<0.022	U		0.0019	J		<0.0067	U		<0.0056	U		<0.0049	U	
		VMP-51-5-050213	5/2/2013				<0.021	U		0.28			<0.0062	U		<0.0052	U		<0.0046	U	
	10 ft	VMP-51-10-020113	2/1/2013				<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U	
		VMP-51-10-050213	5/2/2013				<0.023	U		0.15			<0.007	U		<0.0058	U		<0.0052	U	
	20 ft	VMP-51-20-021513-R	2/15/2013				<0.022	U		0.0086	J		0.0028	J		<0.0054	U		<0.0048	U	
		VMP-51-20-050213	5/2/2013				<0.023	U		0.097			<0.0069	U		0.002	J		<0.005	U	
	30 ft	VMP-51-30-020413	2/4/2013				<0.024	U		0.016	J		<0.0071	U		<0.0059	U		<0.0052	U	
		VMP-51-30-020413-DUP	2/4/2013				<0.023	U		0.032			<0.0069	U		<0.0058	U		<0.0051	U	
		VMP-51-30-050213	5/2/2013				<0.024	U		0.068			<0.007	U		<0.0059	U		<0.0052	U	
VMP-52	5 ft	VMP-52-5-020413	2/4/2013				<0.021	U		0.005	J		<0.0062	U		0.0099			<0.0045	U	
		VMP-52-5-050213	5/2/2013				<0.024	U		0.011	J		<0.0073	U		<0.0061	U		<0.0054	U	
		VMP-52-5-050213-Dup	5/2/2013				<0.023	U		0.038			<0.0069	J	U	<0.0057	U		<0.005	U	
	10 ft	VMP-52-10-020413	2/4/2013				<0.02	U		0.0047	J		<0.0059	U		<0.0049	U		<0.0043	U	
		VMP-52-10-051613	5/16/2013				<0.023	U		0.038			0.0011	J		<0.0058	U		<0.0052	U	
	20 ft	VMP-52-20-020413	2/4/2013				<0.022	U		0.053			<0.0066	U		<0.0055	U		<0.0048	U	
		VMP-52-20-020413-DUP	2/4/2013				<0.021	U		0.03			<0.0063	U		<0.0053	U		<0.0046	U	
		VMP-52-20-050213	5/2/2013				<0.025	U		0.051			<0.0074	U		<0.0062	U		<0.0054	U	
	30 ft	VMP-52-30-020413	2/4/2013				<0.023	U		0.043			<0.0069	U		<0.0058	U		<0.0051	U	
		VMP-52-30-050613	5/6/2013				<0.022	U		0.014	J		<0.0068	U		<0.0056	U		<0.005	U	
VMP-53	5 ft	VMP-53-5-020513	2/5/2013				<0.021	U		0.0017	J		<0.0063	U		<0.0053	U		<0.0046	U	
		VMP-53-5-050213	5/2/2013				<0.025	U		0.029			<0.0075	U		<0.0063	U		<0.0055	U	
		VMP-53-5-071113-R	7/11/2013				<0.034	U		0.013	J		<0.01	U		<0.0084	U		<0.0074	U	
	10 ft	VMP-53-10-020513	2/5/2013				<0.022	U		0.013	J		<0.0065	U		<0.0054	U		<0.0048	U	
		VMP-53-10-020513-DUP	2/5/2013				<0.02	U		0.0065	J		<0.0061	U		<0.005	U		<0.0044	U	
		VMP-53-10-050313	5/3/2013				<0.023	U		3.3			0.018			<0.0057	U		<0.005	U	
		VMP-53-10-071113-R	7/11/2013				<0.025	U		<0.018	U		<0.0076	U		<0.0063	U		<0.0056	U	
	20 ft	VMP-53-20-020513	2/5/2013				<0.022	U		0.006	J		<0.0065	U		<0.0054	U		<0.0048	U	
		VMP-53-20-050313	5/3/2013				<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U	
		VMP-53-20-071113-R	7/11/2013				<0.026	U		0.0089	J		<0.0078	U		<0.0065	U		<0.0057	U	
	30 ft	VMP-53-30-020513	2/5/2013				<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U	
		VMP-53-30-050313	5/3/2013				<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U	
		VMP-53-30-071113-R	7/11/2013				<0.027	U		<0.019	U		<0.0081	U		<0.0067	U		<0.0059	U	
VMP-54	5 ft	VMP-54-5-020613	2/6/2013				<0.023	U		0.028			<0.0068	J	U	<0.0056	U		<0.005	U	
		VMP-54-5-050213	5/2/2013				<0.021	U		0.01	J		<0.0062	U		<0.0052	U		<0.0046	U	
	10 ft	VMP-54-10-020613	2/6/2013				<0.023	U		0.0039	J		<0.0069	U		<0.0058	U		<0.0051	U	
		VMP-54-10-050213	5/2/2013				<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U	
	20 ft	VMP-54-20-020613	2/6/2013				<0.023	U		0.003	J		<0.0068	U		<0.0056	U		<0.005	U	
		VMP-54-20-020613-DUP	2/6/2013				<0.023	U		0.012	J		<0.0068	U		<0.0056	U		<0.005	U	
		VMP-54-20-050213	5/2/2013				<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U	
	30 ft	VMP-54-30-020613	2/6/2013				<0.024	U		0.0045	J		<0.0073	U		<0.0061	U		<0.0053	U	
		VMP-54-30-020613-DUP	2/6/2013				<0.024	U		0.0023	J		<0.0073	U		<0.0061	U		<0.0053	U	
		VMP-54-30-050213	5/2/2013				<0.024	U		0.008	J		<0.0071	U		<0.0059	U		<0.0052	U	
		VMP-54-30-050213-Dup	5/2/2013				<0.024	U		0.012	J		<0.0071	U		<0.0059	U		<0.0052	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Pentane, 2,2,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,4-dimethyl-			Pentane, 2-methyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013																	
		VMP-51-5-050213	5/2/2013																	
	10 ft	VMP-51-10-020113	2/1/2013																	
		VMP-51-10-050213	5/2/2013																	
	20 ft	VMP-51-20-021513-R	2/15/2013																	
		VMP-51-20-050213	5/2/2013																	
	30 ft	VMP-51-30-020413	2/4/2013																	
		VMP-51-30-020413-DUP	2/4/2013																	
		VMP-51-30-050213	5/2/2013																	
VMP-52	5 ft	VMP-52-5-020413	2/4/2013																	
		VMP-52-5-050213	5/2/2013																	
		VMP-52-5-050213-Dup	5/2/2013																	
	10 ft	VMP-52-10-020413	2/4/2013																	
		VMP-52-10-051613	5/16/2013																	
	20 ft	VMP-52-20-020413	2/4/2013																	
		VMP-52-20-020413-DUP	2/4/2013																	
		VMP-52-20-050213	5/2/2013																	
	30 ft	VMP-52-30-020413	2/4/2013																	
		VMP-52-30-050613	5/6/2013																	
VMP-53	5 ft	VMP-53-5-020513	2/5/2013																	
		VMP-53-5-050213	5/2/2013																	
		VMP-53-5-071113-R	7/11/2013																	
	10 ft	VMP-53-10-020513	2/5/2013																	
		VMP-53-10-020513-DUP	2/5/2013																	
		VMP-53-10-050313	5/3/2013																	
		VMP-53-10-071113-R	7/11/2013																	
	20 ft	VMP-53-20-020513	2/5/2013																	
		VMP-53-20-050313	5/3/2013																	
		VMP-53-20-071113-R	7/11/2013																	
	30 ft	VMP-53-30-020513	2/5/2013																	
		VMP-53-30-050313	5/3/2013																	
		VMP-53-30-071113-R	7/11/2013																	
VMP-54	5 ft	VMP-54-5-020613	2/6/2013																	
		VMP-54-5-050213	5/2/2013																	
	10 ft	VMP-54-10-020613	2/6/2013																	
		VMP-54-10-050213	5/2/2013																	
	20 ft	VMP-54-20-020613	2/6/2013																	
		VMP-54-20-020613-DUP	2/6/2013																	
		VMP-54-20-050213	5/2/2013																	
	30 ft	VMP-54-30-020613	2/6/2013																	
		VMP-54-30-020613-DUP	2/6/2013																	
		VMP-54-30-050213	5/2/2013																	
		VMP-54-30-050213-Dup	5/2/2013																	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrachloroethene		
										1400						0.55			0.55		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013	0.0025	J		<0.0067	U		<0.0058	U		<0.0094	U		<0.0092	J	U	<0.0092	J	U
		VMP-51-5-050213	5/2/2013	<0.012	U		<0.0062	J	U	<0.0054	U		<0.0087	U		<0.0086	U		<0.0086	U	
	10 ft	VMP-51-10-020113	2/1/2013	0.0024	J		<0.0068	U		<0.0059	U		<0.0095	U		0.0036	J		0.0036	J	
		VMP-51-10-050213	5/2/2013	<0.014	U		<0.007	J	U	<0.0061	J	U	<0.0098	U		<0.0097	U		<0.0097	U	
	20 ft	VMP-51-20-021513-R	2/15/2013	0.011	J		0.0074			<0.0056	U		<0.0091	U		0.0012	J		0.0012	J	
		VMP-51-20-050213	5/2/2013	<0.014	U		<0.0069	J	U	<0.006	U		<0.0096	U		<0.0095	U		<0.0095	U	
	30 ft	VMP-51-30-020413	2/4/2013	0.0016	J		<0.0071	U		<0.0062	U		<0.0099	U		<0.0098	J	U	<0.0098	J	U
		VMP-51-30-020413-DUP	2/4/2013	0.0031	J		<0.0069	U		<0.006	U		<0.0096	U		<0.0095	J	U	<0.0095	J	U
		VMP-51-30-050213	5/2/2013	<0.014	U		<0.007	J	U	<0.0061	U		<0.0098	U		0.012			0.012		
VMP-52	5 ft	VMP-52-5-020413	2/4/2013	0.0079	J		<0.0062	U		<0.0054	U		<0.0086	U		<0.0085	J	U	<0.0085	J	U
		VMP-52-5-050213	5/2/2013	<0.015	U		<0.0073	J	U	0.0018	J		<0.01	U		<0.01	U		<0.01	U	
		VMP-52-5-050213-Dup	5/2/2013	<0.014	U		<0.0069	J	U	0.0023	J		<0.0096	U		<0.0095	U		<0.0095	U	
	10 ft	VMP-52-10-020413	2/4/2013	0.0026	J		<0.0059	U		<0.0051	U		<0.0082	U		<0.0081	J	U	<0.0081	J	U
		VMP-52-10-051613	5/16/2013	0.0049	J		<0.007	J	U	<0.0061	U		<0.0098	U		<0.0097	J	U	<0.0097	J	U
	20 ft	VMP-52-20-020413	2/4/2013	0.006	J		<0.0066	J	U	<0.0057	U		<0.0092	U		<0.0091	J	U	<0.0091	J	U
		VMP-52-20-020413-DUP	2/4/2013	0.0014	J		<0.0063	U		<0.0055	U		<0.0088	U		0.0024	J		0.0024	J	
		VMP-52-20-050213	5/2/2013	<0.015	U		<0.0074	J	U	<0.0064	U		<0.01	U		<0.01	U		<0.01	U	
	30 ft	VMP-52-30-020413	2/4/2013	<0.014	U		<0.0069	U		<0.006	U		<0.0096	U		<0.0095	J	U	<0.0095	J	U
		VMP-52-30-050613	5/6/2013	<0.014	U		<0.0068	U		<0.0058	U		<0.0094	U		<0.0093	J	U	<0.0093	J	U
VMP-53	5 ft	VMP-53-5-020513	2/5/2013	0.0028	J		<0.0063	U		<0.0055	U		<0.0088	U		<0.0088	J	U	<0.0088	J	U
		VMP-53-5-050213	5/2/2013	0.015			<0.0075	U		<0.0065	U		<0.01	U		<0.01	U		<0.01	U	
		VMP-53-5-071113-R	7/11/2013	<0.02	U		0.002	J		0.001	J		<0.014	U	UJ	0.005	J		0.005	J	
	10 ft	VMP-53-10-020513	2/5/2013	0.0052	J		<0.0065	U		<0.0056	U		<0.0091	U		<0.009	U		<0.009	U	
		VMP-53-10-020513-DUP	2/5/2013	0.0014	J		<0.0061	U		<0.0053	U		<0.0085	U		<0.0084	U		<0.0084	U	
		VMP-53-10-050313	5/3/2013	<0.014	U		0.0095			<0.006	J	U	<0.0096	U		<0.0095	U		<0.0095	U	
		VMP-53-10-071113-R	7/11/2013	<0.015	U		0.0009	J		<0.0066	U		<0.011	U	UJ	<0.01	U		<0.01	U	
	20 ft	VMP-53-20-020513	2/5/2013	0.0017	J		<0.0065	J	U	<0.0056	U		<0.0091	U		<0.009	J	U	<0.009	J	U
		VMP-53-20-050313	5/3/2013	<0.014	U		<0.0071	U		<0.0062	U		<0.01	U		<0.0098	U		<0.0098	U	
		VMP-53-20-071113-R	7/11/2013	<0.016	U		<0.0078	U		<0.0068	U		<0.011	U	UJ	<0.011	U		<0.011	U	
	30 ft	VMP-53-30-020513	2/5/2013	0.0012	J		<0.0066	U		<0.0057	U		<0.0092	U		<0.0091	J	U	<0.0091	J	U
		VMP-53-30-050313	5/3/2013	<0.014	U		<0.0068	U		<0.0059	U		<0.0095	U		<0.0094	U		<0.0094	U	
		VMP-53-30-071113-R	7/11/2013	<0.016	U		<0.0081	U		<0.007	U		<0.011	U	UJ	<0.011	U		<0.011	U	
VMP-54	5 ft	VMP-54-5-020613	2/6/2013	0.0058	J		0.011			<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0094	J	U
		VMP-54-5-050213	5/2/2013	<0.012	U		<0.0062	U		<0.0054	U		<0.0087	U		0.004	J		0.004	J	
	10 ft	VMP-54-10-020613	2/6/2013	0.0042	J		<0.0069	J	U	<0.006	U		<0.0097	U		<0.0096	J	U	<0.0096	J	U
		VMP-54-10-050213	5/2/2013	<0.014	U		<0.0073	J	U	<0.0063	U		<0.01	U		<0.01	U		<0.01	U	
	20 ft	VMP-54-20-020613	2/6/2013	0.0083	J		<0.0068	J	U	<0.0059	U		<0.0095	U		0.0052	J		0.0052	J	
		VMP-54-20-020613-DUP	2/6/2013	0.014			<0.0068	J	U	<0.0059	U		<0.0095	U		0.0046	J		0.0046	J	
		VMP-54-20-050213	5/2/2013	<0.013	U		<0.0067	U		<0.0058	U		<0.0093	U		0.0035	J		0.0035	J	
	30 ft	VMP-54-30-020613	2/6/2013	0.0042	J		<0.0073	U		<0.0063	U		<0.01	U		0.0046	J		0.0046	J	
		VMP-54-30-020613-DUP	2/6/2013	0.0034	J		<0.0073	U		<0.0063	U		<0.01	U		0.0045	J		0.0045	J	
		VMP-54-30-050213	5/2/2013	<0.014	U		<0.0071	U		<0.0062	U		<0.0099	U		0.0045	J		0.0045	J	
		VMP-54-30-050213-Dup	5/2/2013	<0.014	U		<0.0071	J	U	<0.0061	J	U	<0.0099	J	U	0.0043	J		0.0043	J	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							6200			11			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013	<0.004	U		<0.0051	J	U	<0.04	U		0.0031	J		<0.0074	U		<0.0073	U	
		VMP-51-5-050213	5/2/2013	<0.0037	U		<0.0048	U		<0.038	U		0.0038	J		<0.0069	U		<0.0068	U	
	10 ft	VMP-51-10-020113	2/1/2013	<0.0041	U		<0.0052	J	U	<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-51-10-050213	5/2/2013	<0.0042	U		0.00099	J		<0.042	U		0.0024	J		<0.0078	U		<0.0077	U	
	20 ft	VMP-51-20-021513-R	2/15/2013	<0.0039	U		0.00065	J		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-51-20-050213	5/2/2013	<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U		<0.0075	U	
	30 ft	VMP-51-30-020413	2/4/2013	<0.0043	U		<0.0054	J	U	<0.043	J	U	<0.0079	U		<0.0079	U		<0.0078	U	
		VMP-51-30-020413-DUP	2/4/2013	<0.0041	U		<0.0053	J	U	<0.042	U		<0.0077	U		<0.0077	U		<0.0076	U	
		VMP-51-30-050213	5/2/2013	<0.0042	U		<0.0054	J	U	<0.043	U		<0.0078	U		<0.0078	U		<0.0077	J	U
VMP-52	5 ft	VMP-52-5-020413	2/4/2013	<0.0037	U		<0.0047	J	U	<0.037	J	U	0.02			<0.0069	U		<0.0068	U	
		VMP-52-5-050213	5/2/2013	<0.0044	U		0.006		J	<0.044	U		0.0085			<0.0081	U		<0.008	U	
		VMP-52-5-050213-Dup	5/2/2013	<0.0041	U		0.026		J	<0.042	U		0.0075	J		<0.0076	U		<0.0075	U	
	10 ft	VMP-52-10-020413	2/4/2013	<0.0035	U		<0.0045	J	U	<0.036	J	U	0.022			<0.0065	U		<0.0064	U	
		VMP-52-10-051613	5/16/2013	<0.0042	U		0.014			<0.042	J	U	0.016			<0.0078	U		<0.0077	U	
	20 ft	VMP-52-20-020413	2/4/2013	<0.004	U		0.0026	J		<0.04	J	U	<0.0073	U		<0.0073	U		<0.0072	U	
		VMP-52-20-020413-DUP	2/4/2013	<0.0038	U		0.0017	J		<0.038	J	U	<0.007	U		<0.007	U		<0.0069	U	
		VMP-52-20-050213	5/2/2013	<0.0044	U		<0.0057	U		<0.045	U		<0.0082	U		<0.0082	U		<0.0081	U	
	30 ft	VMP-52-30-020413	2/4/2013	<0.0041	U		<0.0053	J	U	<0.042	J	U	<0.0077	U		<0.0077	U		<0.0076	U	
		VMP-52-30-050613	5/6/2013	<0.004	U		0.00091	J		<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
VMP-53	5 ft	VMP-53-5-020513	2/5/2013	<0.0038	U		<0.0049	J	U	<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
		VMP-53-5-050213	5/2/2013	<0.0045	U		<0.0058	J	U	<0.045	U		<0.0083	U		<0.0083	U		<0.0082	U	
		VMP-53-5-071113-R	7/11/2013	<0.006	U		0.0022	J		0.025	J	J	<0.011	U		<0.011	U		<0.011	U	
	10 ft	VMP-53-10-020513	2/5/2013	<0.0039	U		<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-53-10-020513-DUP	2/5/2013	<0.0036	U		<0.0046	J	U	<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-53-10-050313	5/3/2013	<0.0041	U		0.0086			<0.042	U		<0.0076	U		<0.0076	U		<0.0075	U	
		VMP-53-10-071113-R	7/11/2013	<0.0046	U		0.0019	J		<0.046	J	U	<0.0084	U		<0.0084	U		<0.0083	U	
	20 ft	VMP-53-20-020513	2/5/2013	<0.0039	U		<0.005	J	U	<0.039	J	U	<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-53-20-050313	5/3/2013	<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U	
		VMP-53-20-071113-R	7/11/2013	<0.0047	U		0.0019	J		<0.047	J	U	<0.0086	U		<0.0086	U		0.035		
	30 ft	VMP-53-30-020513	2/5/2013	<0.004	U		<0.0051	J	U	<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U	
		VMP-53-30-050313	5/3/2013	<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U		<0.0075	U	
		VMP-53-30-071113-R	7/11/2013	<0.0048	U		0.0016	J		<0.049	U		<0.0089	U		<0.0089	U		0.0051	J	
VMP-54	5 ft	VMP-54-5-020613	2/6/2013	<0.0041	U		0.0092			<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-54-5-050213	5/2/2013	<0.0037	U		0.004	J		<0.038	U		<0.0069	U		<0.0069	U		0.004	J	
	10 ft	VMP-54-10-020613	2/6/2013	<0.0042	U		0.0036	J		<0.042	U		<0.0077	U		<0.0077	U		<0.0076	U	
		VMP-54-10-050213	5/2/2013	<0.0044	U		0.001	J		<0.044	U		<0.0081	U		<0.0081	U		<0.008	U	
	20 ft	VMP-54-20-020613	2/6/2013	<0.0041	U		<0.0052	J	U	<0.041	J	U	<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-54-20-020613-DUP	2/6/2013	<0.0041	U		<0.0052	J	U	<0.041	J	U	<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-54-20-050213	5/2/2013	<0.004	U		0.0012	J		<0.04	U		<0.0074	U		<0.0074	U		<0.0073	U	
	30 ft	VMP-54-30-020613	2/6/2013	<0.0044	U		<0.0056	J	U	<0.044	J	U	<0.0081	U		<0.0081	U		<0.008	U	
		VMP-54-30-020613-DUP	2/6/2013	<0.0044	U		<0.0056	J	U	<0.044	U		<0.0081	U		<0.0081	U		<0.008	U	
		VMP-54-30-050213	5/2/2013	<0.0043	U		0.0054			<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U	
		VMP-54-30-050213-Dup	5/2/2013	<0.0042	U		0.0061			<0.043	U		<0.0078	U		<0.0078	U		0.0021	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride		
				860			860												0.29		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013	0.0011	J		0.0011	J		<0.0067	U		<0.0067	U		0.0045	J		<0.0035	U	
		VMP-51-5-050213	5/2/2013	0.0019	J		0.0019	J		<0.0062	U		<0.0062	U		0.068			<0.0032	U	
	10 ft	VMP-51-10-020113	2/1/2013	0.00093	J		0.00093	J		<0.0068	U		<0.0068	U		0.0027	J		<0.0035	U	
		VMP-51-10-050213	5/2/2013	0.0019	J		0.0019	J		<0.007	U		<0.007	U		0.11			<0.0036	U	
	20 ft	VMP-51-20-021513-R	2/15/2013	0.0013	J		0.0013	J		0.0049	J	J	<0.0065	U		0.078			<0.0034	U	
		VMP-51-20-050213	5/2/2013	<0.0079	U		<0.0079	U		<0.0069	U		<0.0069	U		0.034			<0.0036	U	
	30 ft	VMP-51-30-020413	2/4/2013	<0.0081	J	U	<0.0081	J	U	<0.0071	U		<0.0071	U		0.0041	J		<0.0037	U	
		VMP-51-30-020413-DUP	2/4/2013	<0.0079	J	U	<0.0079	J	U	<0.0069	U		<0.0069	U		0.0054	J		<0.0036	U	
		VMP-51-30-050213	5/2/2013	0.0021	J		0.0021	J		<0.007	U		<0.007	U		0.034			<0.0037	U	
VMP-52	5 ft	VMP-52-5-020413	2/4/2013	0.0014	J		0.0014	J		<0.0062	J	U	<0.0062	U		0.0025	J		<0.0032	U	
		VMP-52-5-050213	5/2/2013	0.0019	J		0.0019	J		<0.0073	U		<0.0073	U		0.045		J	<0.0038	U	
		VMP-52-5-050213-Dup	5/2/2013	0.0017	J		0.0017	J		<0.0069	U		<0.0069	U		0.14		J	<0.0036	U	
	10 ft	VMP-52-10-020413	2/4/2013	0.0011	J		0.0011	J		<0.0059	U		<0.0059	U		0.0032	J		<0.0031	U	
		VMP-52-10-051613	5/16/2013	0.0016	J		0.0016	J		0.042			0.14			0.13			<0.0036	U	
	20 ft	VMP-52-20-020413	2/4/2013	<0.0075	J	U	<0.0075	J	U	<0.0066	J	U	<0.0066	J	U	0.059			<0.0034	U	
		VMP-52-20-020413-DUP	2/4/2013	<0.0072	J	U	<0.0072	J	U	<0.0063	U		<0.0063	U		0.052			<0.0033	U	
		VMP-52-20-050213	5/2/2013	<0.0084	U		<0.0084	U		<0.0074	U		<0.0074	U		0.026			<0.0038	U	
	30 ft	VMP-52-30-020413	2/4/2013	0.0021	J		0.0021	J		<0.0069	U		<0.0069	U		0.58			<0.0036	U	
		VMP-52-30-050613	5/6/2013	0.0021	J		0.0021	J		<0.0068	U		<0.0068	U		0.0069			<0.0035	U	
VMP-53	5 ft	VMP-53-5-020513	2/5/2013	<0.0072	J	U	<0.0072	J	U	<0.0063	U		<0.0063	U		0.002	J		<0.0033	U	
		VMP-53-5-050213	5/2/2013	0.002	J		0.002	J		<0.0075	U		<0.0075	U		0.054			<0.0039	U	
		VMP-53-5-071113-R	7/11/2013	<0.012	U		<0.012	U		0.007	J		0.015			0.011			<0.0052	U	
	10 ft	VMP-53-10-020513	2/5/2013	<0.0074	J	U	<0.0074	J	U	<0.0065	U		<0.0065	U		0.0038	J		<0.0034	U	
		VMP-53-10-020513-DUP	2/5/2013	<0.0069	J	U	<0.0069	J	U	<0.0061	U		<0.0061	U		<0.0058	J	U	<0.0032	U	
		VMP-53-10-050313	5/3/2013	<0.0079	U		<0.0079	U		0.012			0.0068	J		0.73			<0.0036	U	
		VMP-53-10-071113-R	7/11/2013	0.0018	J		0.0018	J		<0.0076	U		<0.0076	U		0.026			<0.0039	U	
	20 ft	VMP-53-20-020513	2/5/2013	<0.0074	J	U	<0.0074	J	U	<0.0065	U		<0.0065	U		0.0024	J		<0.0034	U	
		VMP-53-20-050313	5/3/2013	<0.0081	U		<0.0081	U		<0.0071	U		<0.0071	U		0.002	J		<0.0037	U	
		VMP-53-20-071113-R	7/11/2013	0.0018	J		0.0018	J		<0.0078	U		<0.0078	U		0.016			<0.004	U	
	30 ft	VMP-53-30-020513	2/5/2013	0.0013	J		0.0013	J		<0.0066	U		<0.0066	U		0.0023	J		<0.0034	U	
		VMP-53-30-050313	5/3/2013	0.0016	J		0.0016	J		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U	
		VMP-53-30-071113-R	7/11/2013	0.0029	J		0.0029	J		<0.0081	U		<0.0081	U		0.014			<0.0042	U	
VMP-54	5 ft	VMP-54-5-020613	2/6/2013	<0.0078	J	U	<0.0078	J	U	0.047			0.014			0.022			<0.0035	U	
		VMP-54-5-050213	5/2/2013	0.0017	J		0.0017	J		<0.0062	U		<0.0062	U		0.0022	J		<0.0032	U	
	10 ft	VMP-54-10-020613	2/6/2013	<0.0079	J	U	<0.0079	J	U	<0.0069	J	U	<0.0069	J	U	0.0042	J		<0.0036	U	
		VMP-54-10-050213	5/2/2013	<0.0083	U		<0.0083	U		<0.0073	U		<0.0073	U		0.0096			<0.0038	U	
	20 ft	VMP-54-20-020613	2/6/2013	0.0014	J		0.0014	J		<0.0068	J	U	<0.0068	U		0.0011	J		<0.0035	U	
		VMP-54-20-020613-DUP	2/6/2013	0.0013	J		0.0013	J		<0.0068	J	U	<0.0068	U		0.0043	J		<0.0035	U	
		VMP-54-20-050213	5/2/2013	<0.0076	U		<0.0076	U		<0.0067	U		<0.0067	U		0.00069	J		<0.0035	U	
	30 ft	VMP-54-30-020613	2/6/2013	0.0012	J		0.0012	J		<0.0073	U		<0.0073	U		0.0023	J		<0.0038	U	
		VMP-54-30-020613-DUP	2/6/2013	0.0013	J		0.0013	J		<0.0073	U		<0.0073	U		0.0013	J		<0.0038	U	
		VMP-54-30-050213	5/2/2013	<0.0081	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0057	J		<0.0037	U	
		VMP-54-30-050213-Dup	5/2/2013	<0.0081	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0081			<0.0037	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	m,p-Xylenes			o-Xylenes			Isobutane			Isobutane			Pentane		
				130			120											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013	<0.0059	U		<0.0059	U										
		VMP-51-5-050213	5/2/2013	<0.0055	U		<0.0055	U										
	10 ft	VMP-51-10-020113	2/1/2013	<0.006	U		<0.006	U										
		VMP-51-10-050213	5/2/2013	<0.0062	U		<0.0062	U										
	20 ft	VMP-51-20-021513-R	2/15/2013	0.0022	J		<0.0057	U										
		VMP-51-20-050213	5/2/2013	<0.0061	U		<0.0061	U										
	30 ft	VMP-51-30-020413	2/4/2013	<0.0063	U		<0.0063	U										
		VMP-51-30-020413-DUP	2/4/2013	<0.0061	U		<0.0061	U										
		VMP-51-30-050213	5/2/2013	<0.0062	U		<0.0062	U										
VMP-52	5 ft	VMP-52-5-020413	2/4/2013	<0.0055	U		<0.0055	U										
		VMP-52-5-050213	5/2/2013	0.012			0.0062	J										
		VMP-52-5-050213-Dup	5/2/2013	0.014			0.0065											
	10 ft	VMP-52-10-020413	2/4/2013	<0.0052	U		<0.0052	U										
		VMP-52-10-051613	5/16/2013	0.17			0.085											
	20 ft	VMP-52-20-020413	2/4/2013	0.0025	J		<0.0058	J	U									
		VMP-52-20-020413-DUP	2/4/2013	<0.0056	U		<0.0056	U										
		VMP-52-20-050213	5/2/2013	<0.0065	U		<0.0065	U										
	30 ft	VMP-52-30-020413	2/4/2013	<0.0061	U		<0.0061	U										
		VMP-52-30-050613	5/6/2013	<0.006	U		<0.006	U										
VMP-53	5 ft	VMP-53-5-020513	2/5/2013	<0.0056	U		<0.0056	U										
		VMP-53-5-050213	5/2/2013	<0.0066	U		<0.0066	U										
		VMP-53-5-071113-R	7/11/2013	0.0094			0.0064	J										
	10 ft	VMP-53-10-020513	2/5/2013	<0.0057	U		<0.0057	U										
		VMP-53-10-020513-DUP	2/5/2013	<0.0054	U		<0.0054	U										
		VMP-53-10-050313	5/3/2013	0.09			0.012											
		VMP-53-10-071113-R	7/11/2013	<0.0067	U		<0.0067	U										
	20 ft	VMP-53-20-020513	2/5/2013	<0.0057	U		<0.0057	U										
		VMP-53-20-050313	5/3/2013	<0.0063	U		<0.0063	U										
		VMP-53-20-071113-R	7/11/2013	0.0022	J		0.001	J										
	30 ft	VMP-53-30-020513	2/5/2013	<0.0058	U		<0.0058	U										
		VMP-53-30-050313	5/3/2013	<0.006	U		<0.006	U										
		VMP-53-30-071113-R	7/11/2013	<0.0071	U		<0.0071	U										
VMP-54	5 ft	VMP-54-5-020613	2/6/2013	0.036			0.02											
		VMP-54-5-050213	5/2/2013	<0.0055	U		<0.0055	U										
	10 ft	VMP-54-10-020613	2/6/2013	0.0091			0.0041	J										
		VMP-54-10-050213	5/2/2013	<0.0064	U		<0.0064	U										
	20 ft	VMP-54-20-020613	2/6/2013	<0.006	U		<0.006	U										
		VMP-54-20-020613-DUP	2/6/2013	<0.006	U		<0.006	U										
		VMP-54-20-050213	5/2/2013	<0.0059	U		<0.0059	U										
	30 ft	VMP-54-30-020613	2/6/2013	<0.0064	U		<0.0064	U										
		VMP-54-30-020613-DUP	2/6/2013	<0.0064	U		<0.0064	U										
		VMP-54-30-050213	5/2/2013	0.015			0.0068											
		VMP-54-30-050213-Dup	5/2/2013	0.016			0.0078											

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene		
				750000			0.37			450000			11			6.9					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-301	5 ft	VMP-301-5	10/26/2009	0.019			<0.004	U		<0.008	U		<0.013	U		<0.005	U		<0.002	U	
	38.5 ft	VMP-301-38.5	10/26/2009	<29	U		<9.9	U		<21	U		<32	U		<12	U		<6.8	U	
VMP-401	5 ft	VMP-401-5	10/29/2009	<1.2	U		<0.41	U		<0.86	U		<1.3	U		<0.5	U		<0.28	U	
	38.5 ft	VMP-401-38.5	10/29/2009	<27	U		<9.1	U		<19	U		<30	U		<11	U		<6.3	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Butane			Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			2-Butanone			Carbon disulfide		
																6400			780		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-301	5 ft	VMP-301-5	10/26/2009													0.0051			<0.004	U	
	38.5 ft	VMP-301-38.5	10/26/2009													<9.1	U		<9.6	U	
VMP-401	5 ft	VMP-401-5	10/29/2009													<0.38	U		<0.4	U	
	38.5 ft	VMP-401-38.5	10/29/2009													<8.4	U		<8.9	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane		
				0.21			69			57000						0.11					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-301	5 ft	VMP-301-5	10/26/2009	<0.008	U		<0.005	U		<0.011	U		<0.003	U		0.045			<0.011	U	
	38.5 ft	VMP-301-38.5	10/26/2009	<19	U		<14	U		<26	U		<8.2	U		<15	U		<26	U	
VMP-401	5 ft	VMP-401-5	10/29/2009	<0.81	U		<0.59	U		<1.1	U		<0.34	U		<0.63	U		<1.1	U	
	38.5 ft	VMP-401-38.5	10/29/2009	<18	U		<13	U		<24	U		<7.5	U		<14	U		<24	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	alpha-Chlorotoluene			Cyclobutane, ethyl-			Cyclohexane			Cyclopentane, methyl-			1,2-Dibromoethane			1,2-Dichlorobenzene		
																0.011			290		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-301	5 ft	VMP-301-5	10/26/2009	<0.006	U					<0.004	U					<0.009	U		<0.007	U	
	38.5 ft	VMP-301-38.5	10/26/2009	<16	U					250						<24	U		<18	U	
VMP-401	5 ft	VMP-401-5	10/29/2009	<0.67	U					9.7						<0.99	U		<0.78	U	
	38.5 ft	VMP-401-38.5	10/29/2009	<15	U					220						<22	U		<17	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
							1200						690			0.099			240		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-301	5 ft	VMP-301-5	10/26/2009	<0.007	U		<0.007	U		<0.006	U		<0.005	U		<0.005	U		<0.005	U	
	38.5 ft	VMP-301-38.5	10/26/2009	<18	U		<18	U		<15	U		<12	U		<12	U		<12	U	
VMP-401	5 ft	VMP-401-5	10/29/2009	<0.78	U		<0.78	U		<0.64	U		<0.52	U		<0.52	U		<0.51	U	
	38.5 ft	VMP-401-38.5	10/29/2009	<17	U		<17	U		<14	U		<12	U		<12	U		<11	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene		
				1100000			85			5.6			0.062			0.9			0.9		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-301	5 ft	VMP-301-5	10/26/2009	<0.005	U		<0.005	U		<0.004	U		<0.006	U		<0.005	U		<0.005	U	
	38.5 ft	VMP-301-38.5	10/26/2009	<12	U		<12	U		<11	U		<14	U		<14	U		<14	U	
VMP-401	5 ft	VMP-401-5	10/29/2009	<0.51	U		<0.51	U		<0.45	U		<0.6	U		<0.58	U		<0.58	U	
	38.5 ft	VMP-401-38.5	10/29/2009	<11	U		<11	U		<9.9	U		<13	U		<13	U		<13	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 113		
				0.22						1400											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-301	5 ft	VMP-301-5	10/26/2009	<0.018	U		<0.009	U		<0.005	U		<0.006	U		<0.009	U		<0.009	U	
	38.5 ft	VMP-301-38.5	10/26/2009	<44	U		<23	U		<13	U		<15	U		<24	U		<24	U	
VMP-401	5 ft	VMP-401-5	10/29/2009	<1.8	U		<0.97	U		<0.56	U		<0.63	U		<0.99	U		<0.99	U	
	38.5 ft	VMP-401-38.5	10/29/2009	<41	U		<22	U		<12	U		<14	U		<22	U		<22	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Freon 114			Heptadecane			Heptane			Hexachlorobutadiene			Hexane			Hexane, 2,2,4-trimethyl-		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-301	5 ft	VMP-301-5	10/26/2009	<0.009	U					<0.005	U		<0.055	U		<0.004	U				
	38.5 ft	VMP-301-38.5	10/26/2009	<22	U					97			<130	U		770					
VMP-401	5 ft	VMP-401-5	10/29/2009	<0.9	U					3.5			<5.5	U		30					
	38.5 ft	VMP-401-38.5	10/29/2009	<20	U					110			<120	U		760					

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Hexane, 3,4-dimethyl-			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
													600						3400		
				Result (ppbV)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-301	5 ft	VMP-301-5	10/26/2009				<0.021	U					<0.006	U		<0.005	U		<0.004	U	
	38.5 ft	VMP-301-38.5	10/26/2009				<51	U					<15	U		<13	U		<11	U	
VMP-401	5 ft	VMP-401-5	10/29/2009				<2.1	U					<0.63	U		<0.53	U		<0.46	U	
	38.5 ft	VMP-401-38.5	10/29/2009				<47	U					<14	U		<12	U		<10	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Pentane, 2,2,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,4-dimethyl-			Pentane, 2-methyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-301	5 ft	VMP-301-5	10/26/2009																	
	38.5 ft	VMP-301-38.5	10/26/2009																	
VMP-401	5 ft	VMP-401-5	10/29/2009																	
	38.5 ft	VMP-401-38.5	10/29/2009																	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrachloroethene		
										1400						0.55			0.55		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-301	5 ft	VMP-301-5	10/26/2009	<0.013	U		<0.006	U		<0.005	U		<0.008	U		<0.008	U		<0.008	U	
	38.5 ft	VMP-301-38.5	10/26/2009	<30	U		<15	U		<13	U		<21	U		<21	U		<21	U	
VMP-401	5 ft	VMP-401-5	10/29/2009	<1.3	U		<0.63	U		<0.55	U		<0.88	U		<0.88	U		<0.88	U	
	38.5 ft	VMP-401-38.5	10/29/2009	<28	U		<14	U		<12	U		<20	U		<19	U		<19	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							6200			11			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-301	5 ft	VMP-301-5	10/26/2009	<0.003	U		<0.004	U		<0.038	U		<0.007	U		<0.007	U		<0.006	U	
	38.5 ft	VMP-301-38.5	10/26/2009	<9.1	U		<12	U		<92	U		<17	U		<17	U		<17	U	
VMP-401	5 ft	VMP-401-5	10/29/2009	<0.38	U		<0.49	U		<3.8	U		<0.7	U		<0.7	U		<0.69	U	
	38.5 ft	VMP-401-38.5	10/29/2009	<8.4	U		<11	U		<85	U		<16	U		<16	U		<15	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride		
				860			860												0.29		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-301	5 ft	VMP-301-5	10/26/2009	<0.007	U		<0.007	U		<0.006	U		<0.006	U		<0.006	U		<0.003	U	
	38.5 ft	VMP-301-38.5	10/26/2009	<17	U		<17	U		<15	U		<15	U		1600			<7.9	U	
VMP-401	5 ft	VMP-401-5	10/29/2009	<0.72	U		<0.72	U		<0.63	U		<0.63	U		180			<0.33	U	
	38.5 ft	VMP-401-38.5	10/29/2009	<16	U		<16	U		<14	U		<14	U		1600			<7.3	U	

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TABLE 5
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: VILLAGE - VOCS

Location	Depth	Sample ID	Sample Date	m,p-Xylenes			o-Xylenes			Isobutane			Isobutane			Pentane		
				130			120											
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals	Result (ppbV)	Lab Quals	URS Quals
VMP-301	5 ft	VMP-301-5	10/26/2009	<0.005	U		<0.005	U										
	38.5 ft	VMP-301-38.5	10/26/2009	<13	U		<13	U										
VMP-401	5 ft	VMP-401-5	10/29/2009	<0.56	U		<0.56	U										
	38.5 ft	VMP-401-38.5	10/29/2009	<12	U		<12	U										

Notes
Lab Qualifiers
J = Estimated value; results between the MDL and RL
U = Compound analyzed for but not detected above the RL
URS Qualifiers
J = Estimated detection
UJ = Estimated non-detect
U = Non-detect due to blank contamination

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Acetone			alpha-Chlorotoluene			Benzene			Bromodichloromethane			Bromoform		
				750000						2.8			450000			52		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-10	5 ft	VMP-10-5	11/11/2009	0.033			<0.005	U		0.02			<0.007	U		<0.011	U	
		VMP-10-5-090710	9/7/2010	0.024			<0.0068	U		0.1			<0.0088	U		<0.014	U	
		VMP-10-5-111810	11/17/2010	0.0074	J		<0.0063	U		0.00098	J		0.0015	J		<0.012	U	
		VMP-10-5-021011	2/10/2011	<0.011	U		<0.0062	U		<0.0038	U		<0.008	U		<0.012	U	
		VMP-10-5-040511	4/5/2011	0.035			<0.0057	U		0.38			<0.0074	U		<0.011	U	
		VMP-10-5-07/2911	7/29/2011	0.13			<0.0069	U		0.07			<0.009	U		<0.014	U	
		VMP-10-5-110411	11/4/2011	0.018			<0.0036	U		0.0033			<0.0046	U		<0.0072	U	
		VMP-10-5-012512	1/26/2012	0.007	J		<0.0045	U		0.018			0.00086	J		<0.009	U	
		VMP-10-5-041212	4/12/2012	0.04			<0.0049	U		0.0078			<0.0063	U		<0.0097	U	
		VMP-10-5-071312	7/13/2012	0.033			<0.005	U		0.0025	J		<0.0065	U		<0.01	U	
		VMP-10-5-101612	10/16/2012	0.032	J		<0.0078	U		1.9			<0.01	U		<0.016	U	
		VMP-10-5-012913	1/29/2013	0.0075	J		<0.0073	U		0.0017	J		<0.0094	U		<0.014	U	
		VMP-10-5-012913-DUP	1/29/2013	0.01	J		<0.008	U		<0.005	U		<0.01	U		<0.016	U	
		VMP-10-5-043013	4/30/2013	0.012	J		<0.0083	U		0.01			<0.011	U		<0.017	U	
	10 ft	VMP-10-10	11/11/2009	<0.011	U		<0.005	U		<0.003	U		<0.007	U		<0.012	U	
		VMP-10-10-090710	9/7/2010	0.023			<0.0068	U		0.075			<0.0088	U		<0.014	U	
		VMP-10-10-111810	11/17/2010	0.01	J		<0.0067	U		0.001	J		0.0023	J		<0.013	U	
		VMP-10-10-021111	2/11/2011	0.011			<0.0052	U		0.0011	J		<0.0068	U		<0.01	U	
		VMP-10-10-040611	4/6/2011	0.0084	J		<0.0068	J	U	0.067			<0.0088	U		<0.014	U	
		VMP-10-10-072911	7/29/2011	0.061			<0.0071	U		0.072			<0.0092	U		<0.014	U	
		VMP-10-10-110411	11/4/2011	0.012		J	<0.0046	U		0.0063			<0.006	J	U	<0.0092	J	U
		VMP-10-10-110411-DUP	11/4/2011	0.051		J	<0.0046	U		0.0067			<0.006	U		<0.0092	J	U
		VMP-10-10-012512	1/26/2012	0.017			<0.0045	U		0.0042		J	<0.0059	U		<0.009	U	
		VMP-10-10-012512-DUP	1/26/2012	0.02			<0.0047	U		0.048		J	0.0007	J		<0.0094	U	
		VMP-10-10-041112	4/11/2012	0.084			<0.0049	U		0.0096			<0.0064	U		<0.0099	U	
		VMP-10-10-071312	7/13/2012	0.029			<0.0049	U		0.01			<0.0063	U		<0.0097	U	
		VMP-10-10-101612	10/16/2012	0.024	J		<0.0082	U		0.95			<0.01	U		<0.016	U	
		VMP-10-10-012913	1/29/2013	0.02	J		<0.0065	U		0.018			<0.0084	U		<0.013	U	
		VMP-10-10-043013	4/30/2013	0.013	J		<0.0075	U		0.0036	J		<0.0097	U		<0.015	U	
	20 ft	VMP-10-20	11/11/2009	0.014			<0.005	U		<0.003	U		<0.007	U		<0.012	U	
		VMP-10-20-D	11/11/2009	0.026			<0.006	U		<0.003	U		<0.008	U		<0.013	U	
		VMP-10-20-090710	9/7/2010	0.036			<0.0071	U		0.039		J	<0.0092	U		<0.014	U	
		VMP-10-20-090710-DUP	9/7/2010	0.029			<0.0067	U		0.019		J	<0.0086	U		<0.013	U	
		VMP-10-20-111810	11/17/2010	0.0093	J	J	<0.013	U		<0.0078	U		0.0042	J		<0.025	U	
		VMP-10-20-111810-Dup	11/17/2010	0.14		J	<0.0064	U		0.0017	J		0.0017	J		<0.013	U	
		VMP-10-20-021111	2/11/2011	0.0092	J		<0.0063	U		0.02			<0.0082	U		<0.013	U	
		VMP-10-20-040611	4/6/2011	0.05			<0.0076	J	U	0.18			<0.0098	U		<0.015	U	
		VMP-10-20-072911	7/29/2011	0.055			<0.0071	U		0.12			<0.0091	U		<0.014	U	
		VMP-10-20-110411	11/4/2011	0.014			<0.0046	U		0.0042			<0.006	U		<0.0092	J	U
		VMP-10-20-012612	1/26/2012	0.031			<0.0043	U		0.066			0.00095	J		<0.0087	U	
		VMP-10-20-041212	4/12/2012	0.032			<0.0049	U		0.011			<0.0063	U		<0.0097	U	
		VMP-10-20-071612	7/16/2012	0.021	J		<0.0046	U		0.0084			<0.006	U		<0.0092	U	
		VMP-10-20-101612	10/16/2012	0.077			<0.0082	U		0.16			<0.011	U		<0.016	U	
		VMP-10-20-012913	1/29/2013	0.011	J		<0.0071	U		0.0078			<0.0092	U		<0.014	U	
		VMP-10-20-043013	4/30/2013	0.0084	J		<0.008	U		<0.005	U		<0.01	U		<0.016	U	
	30 ft	VMP-10-30	11/13/2009	<0.012	U		<0.006	U		0.19			<0.008	U		<0.013	U	
		VMP-10-30-041212	4/12/2012	0.087			<0.0051	U		0.0039			<0.0066	U		<0.01	U	
		VMP-10-30-071612	7/16/2012	0.021			<0.0045	U		0.013			<0.0058	U		<0.0089	U	
		VMP-10-30-101612	10/16/2012	0.081			<0.0078	U		0.029			<0.01	U		<0.016	U	
		VMP-10-30-012913	1/29/2013	0.013	J		<0.0078	U		0.0091			<0.01	U		<0.016	U	
		VMP-10-30-043013	4/30/2013	0.012	J		<0.0074	U		0.0047			<0.0096	U		<0.015	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	Bromomethane			1,3-Butadiene			Butane			2-Butanone			Carbon disulfide			Carbon tetrachloride		
				42									40000			5300			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-10	5 ft	VMP-10-5	11/11/2009	<0.004	U		<0.002	U					0.0032			<0.003	U		<0.006	U	
		VMP-10-5-090710	9/7/2010	0.0024	J		<0.0029	U					0.004			0.01			<0.0083	U	
		VMP-10-5-111810	11/17/2010	<0.0047	U		<0.0027	U					0.002	J		<0.0038	U		0.001	J	
		VMP-10-5-021011	2/10/2011	<0.0046	U		<0.0026	U					<0.0035	U		<0.0037	U		<0.0075	U	
		VMP-10-5-040511	4/5/2011	<0.0043	U		<0.0024	U		0.013			0.0082	J		<0.014	U		<0.0069	U	
		VMP-10-5-07/2911	7/29/2011	<0.0052	U		<0.003	U		<0.013	U		0.016	J		0.0079	J		<0.0084	U	
		VMP-10-5-110411	11/4/2011	<0.0027	U		<0.0015	U		<0.0066	U		0.0071	J		<0.0086	U		<0.0044	U	
		VMP-10-5-012512	1/26/2012	<0.0034	U		<0.0019	U		0.0059	J		0.0033	J		<0.011	U		<0.0055	U	
		VMP-10-5-041212	4/12/2012	<0.036	U		<0.0021	U		0.011			0.013			<0.012	J	U	<0.0059	U	
		VMP-10-5-071312	7/13/2012	<0.037	U	UJ	<0.0021	U		<0.0092	U		0.0057	J		<0.012	J	U	<0.0061	U	
		VMP-10-5-101612	10/16/2012	<0.059	U		<0.0034	U		0.085			<0.018	U		<0.019	U		<0.0095	U	
		VMP-10-5-012913	1/29/2013	<0.055	U		<0.0031	U		0.022		J	<0.017	U		<0.018	J	U	<0.0089	U	
		VMP-10-5-012913-DUP	1/29/2013	<0.06	U		<0.0034	U		0.037		J	<0.018	U		<0.019	J	U	<0.0098	U	
		VMP-10-5-043013	4/30/2013	<0.062	U		<0.0036	U		<0.015	U		0.0048	J		<0.02	J	U	<0.01	U	
	10 ft	VMP-10-10	11/11/2009	<0.004	U		<0.002	U					<0.003	U		<0.003	U		<0.007	U	
		VMP-10-10-090710	9/7/2010	<0.0051	U		<0.0029	U					0.0033	J		0.04			<0.0083	U	
		VMP-10-10-111810	11/17/2010	<0.005	U		<0.0028	U					0.0018	J		<0.004	U		0.0012	J	
		VMP-10-10-021111	2/11/2011	<0.0039	U		<0.0022	U					0.0081			<0.0031	U		<0.0064	U	
		VMP-10-10-040611	4/6/2011	<0.0051	U		<0.0029	U		0.0086	J		0.0015	J		0.0014	J		<0.0083	U	
		VMP-10-10-072911	7/29/2011	<0.0054	U		<0.003	U		<0.013	U		0.023			0.0088	J		<0.0087	U	
		VMP-10-10-110411	11/4/2011	<0.0035	U		<0.002	U		<0.0085	U		0.0045	J		<0.011	J	U	<0.0056	U	
		VMP-10-10-110411-DUP	11/4/2011	<0.0035	U		<0.002	U		<0.0085	U		0.01	J		<0.011	J	U	<0.0056	U	
		VMP-10-10-012512	1/26/2012	<0.0034	U		<0.0019	U		<0.0083	U	UJ	0.014			<0.011	U		<0.0055	U	
		VMP-10-10-012512-DUP	1/26/2012	<0.0036	U		<0.002	U		0.026		J	0.015			<0.011	U		<0.0058	U	
		VMP-10-10-041112	4/11/2012	<0.037	U		<0.0021	U		0.0039	J		0.034			<0.012	U		<0.006	U	
		VMP-10-10-071312	7/13/2012	<0.036	U	UJ	<0.0021	U		<0.0089	U		0.0038	J		<0.012	J	U	<0.0059	U	
		VMP-10-10-101612	10/16/2012	<0.061	U		<0.0035	U		0.084			<0.019	U		<0.02	U		<0.0099	U	
		VMP-10-10-012913	1/29/2013	<0.049	U		<0.0028	U		0.0032	J		<0.015	U		<0.016	J	U	<0.0079	U	
		VMP-10-10-043013	4/30/2013	<0.056	U		<0.0032	U		0.0047	J		0.0029	J		<0.018	J	U	<0.0091	U	
	20 ft	VMP-10-20	11/11/2009	<0.004	U		<0.002	U					<0.003	U		<0.003	U		<0.007	U	
		VMP-10-20-D	11/11/2009	<0.004	U		<0.002	U					0.0058			<0.003	U		<0.007	U	
		VMP-10-20-090710	9/7/2010	<0.0054	U		<0.003	U					0.0058			0.0021	J		<0.0087	U	
		VMP-10-20-090710-DUP	9/7/2010	<0.005	U		<0.0028	U					0.0046			0.0034	J		<0.0081	U	
		VMP-10-20-111810	11/17/2010	<0.0095	U		<0.0054	U					<0.0072	U		<0.0076	U		<0.015	U	
		VMP-10-20-111810-Dup	11/17/2010	<0.0048	U		<0.0027	U					0.0014	J		<0.0038	U		<0.0078	U	
		VMP-10-20-021111	2/11/2011	<0.0047	U		<0.0027	U					<0.0036	U		<0.0038	U		<0.0077	U	
		VMP-10-20-040611	4/6/2011	<0.0057	U		<0.0032	U		0.022			0.096			<0.018	J	U	<0.0092	U	
		VMP-10-20-072911	7/29/2011	<0.0053	U		<0.003	U		<0.013	U		0.016			<0.017	U		<0.0086	U	
		VMP-10-20-110411	11/4/2011	<0.0035	U		<0.002	U		0.0064	J		0.007	J		<0.011	J	U	<0.0056	U	
		VMP-10-20-012612	1/26/2012	<0.0033	U		<0.0018	U		0.01			0.028			<0.01	U		<0.0053	U	
		VMP-10-20-041212	4/12/2012	<0.036	U		<0.0021	U		0.0052	J		0.0068	J		<0.012	J	U	<0.0059	U	
		VMP-10-20-071612	7/16/2012	<0.035	U	UJ	<0.002	U		<0.0085	U		0.003	J		<0.011	J	U	<0.0056	U	
		VMP-10-20-101612	10/16/2012	<0.062	U		<0.0035	U		0.013	J		<0.019	U		0.0066	J		<0.01	U	
		VMP-10-20-012913	1/29/2013	<0.054	U		<0.003	U		0.0051	J		<0.016	U		<0.017	J	U	<0.0087	U	
		VMP-10-20-043013	4/30/2013	<0.06	U		<0.0034	U		<0.015	U		<0.018	U		<0.019	J	U	<0.0098	U	
	30 ft	VMP-10-30	11/13/2009	<0.004	U		<0.002	U					<0.003	U		<0.003	U		<0.007	U	
		VMP-10-30-041212	4/12/2012	<0.038	J	UJ	<0.0022	U		0.0024	J		0.029			<0.012	U		<0.0062	U	
		VMP-10-30-071612	7/16/2012	<0.034	U	UJ	<0.0019	U		<0.0082	U		0.0041	J		<0.011	J	U	<0.0054	U	
		VMP-10-30-101612	10/16/2012	<0.058	U		<0.0033	U		<0.014	U		0.0059	J		<0.019	U		<0.0094	U	
		VMP-10-30-012913	1/29/2013	<0.059	U		<0.0034	U		<0.014	U		<0.018	U		<0.019	J	U	<0.0095	U	
		VMP-10-30-043013	4/30/2013	<0.056	U		<0.0032	U		0.0082	J		<0.017	U		<0.018	J	U	<0.0091	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			Cyclohexane		
				420			57000						0.92								
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-10	5 ft	VMP-10-5	11/11/2009	<0.005	U		<0.009	U		<0.002	U		<0.005	U		<0.009	U		<0.003	U	
		VMP-10-5-090710	9/7/2010	<0.0061	U		<0.011	U		<0.0035	U		<0.0064	U		<0.011	U		0.0092		
		VMP-10-5-111810	11/17/2010	<0.0056	U		<0.01	U		<0.0032	U		<0.0059	U		<0.01	U		0.0048		
		VMP-10-5-021011	2/10/2011	<0.0055	U		<0.01	U		<0.0031	U		<0.0058	U		<0.0098	U		0.023		
		VMP-10-5-040511	4/5/2011	<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.0091	U		0.0053		
		VMP-10-5-07/2911	7/29/2011	<0.0062	U		<0.011	U		<0.014	U		<0.0065	U		<0.011	U		<0.0046	U	
		VMP-10-5-110411	11/4/2011	<0.0032	U		<0.0059	U		<0.0073	U		<0.0034	U		<0.0057	U		<0.0024	U	
		VMP-10-5-012512	1/26/2012	<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		<0.0072	U		0.00067	J	
		VMP-10-5-041212	4/12/2012	<0.0043	J	U	<0.008	U		<0.0099	U		<0.0046	U		<0.019	U		<0.0032	U	
		VMP-10-5-071312	7/13/2012	<0.0044	J	U	<0.0082	U		<0.01	U		<0.0047	U		<0.02	U		<0.0033	J	U
		VMP-10-5-101612	10/16/2012	<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		0.018		
		VMP-10-5-012913	1/29/2013	<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		0.0079		
		VMP-10-5-012913-DUP	1/29/2013	<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		0.01		
		VMP-10-5-043013	4/30/2013	<0.0074	U		<0.014	U		<0.017	U		<0.0079	U		<0.033	U		<0.0055	U	
	10 ft	VMP-10-10	11/11/2009	<0.005	U		<0.009	U		<0.003	U		<0.005	U		<0.009	U		<0.003	U	
		VMP-10-10-090710	9/7/2010	<0.0061	U		<0.011	U		<0.0035	U		<0.0064	U		<0.011	U		0.0052		
		VMP-10-10-111810	11/17/2010	<0.0059	U		<0.011	U		<0.0034	U		<0.0063	U		<0.011	U		0.0053		
		VMP-10-10-021111	2/11/2011	<0.0046	U		<0.0086	U		<0.0027	U		<0.0049	U		<0.0083	U		0.0034	J	
		VMP-10-10-040611	4/6/2011	<0.0061	J	U	0.0024	J		<0.014	U		<0.0064	U		<0.011	U		0.0021	J	
		VMP-10-10-072911	7/29/2011	<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		0.0018	J		0.0019	J	
		VMP-10-10-110411	11/4/2011	<0.0041	J	U	<0.0076	U		<0.0094	U		<0.0044	U		<0.0074	U		<0.0031	U	
		VMP-10-10-110411-DUP	11/4/2011	<0.0041	J	U	<0.0076	J	U	<0.0094	U		<0.0044	U		<0.0074	U		<0.0031	U	
		VMP-10-10-012512	1/26/2012	<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		<0.0072	U		<0.003	U	
		VMP-10-10-012512-DUP	1/26/2012	<0.0042	U		<0.0078	U		<0.0096	U		<0.0045	U		<0.0076	U		0.0029	J	
		VMP-10-10-041112	4/11/2012	<0.0044	U		<0.0081	U		<0.01	U		<0.0047	U		0.0079	J		0.0069		
		VMP-10-10-071312	7/13/2012	<0.0043	J	U	<0.008	U		<0.0099	U		<0.0046	U		<0.019	U		<0.0032	J	U
		VMP-10-10-101612	10/16/2012	<0.0073	U		<0.013	U		<0.017	U		<0.0077	U		<0.033	U		0.0058		
		VMP-10-10-012913	1/29/2013	<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0043	U	
		VMP-10-10-043013	4/30/2013	<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		0.01		
	20 ft	VMP-10-20	11/11/2009	<0.005	U		<0.009	U		<0.003	U		<0.005	U		<0.009	U		<0.003	U	
		VMP-10-20-D	11/11/2009	<0.005	U		<0.01	U		<0.003	U		<0.006	U		<0.01	U		<0.004	U	
		VMP-10-20-090710	9/7/2010	<0.0064	U		<0.012	U		<0.0036	U		<0.0067	U		<0.011	U		0.0035	J	
		VMP-10-20-090710-DUP	9/7/2010	<0.0059	U		<0.011	U		<0.0034	U		<0.0063	U		<0.011	U		0.002	J	
		VMP-10-20-111810	11/17/2010	<0.011	U		<0.021	U		<0.0064	U		0.0017	J		<0.02	U		0.0025	J	
		VMP-10-20-111810-Dup	11/17/2010	<0.0057	U		<0.01	U		<0.0032	U		0.0014	J		<0.01	U		0.0056		
		VMP-10-20-021111	2/11/2011	<0.0056	U		<0.01	U		<0.0032	U		<0.006	U		<0.01	U		0.0027	J	
		VMP-10-20-040611	4/6/2011	<0.0068	J	U	<0.012	U		<0.016	U		<0.0072	U		<0.012	U		0.0034	J	
		VMP-10-20-072911	7/29/2011	<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.011	U		<0.0047	U	
		VMP-10-20-110411	11/4/2011	<0.0041	J	U	<0.0076	U		<0.0094	U		<0.0044	U		<0.0074	U		<0.0031	U	
		VMP-10-20-012612	1/26/2012	<0.0039	U		<0.0072	U		<0.0089	U		<0.0041	U		<0.0069	U		0.0062		
		VMP-10-20-041212	4/12/2012	<0.0043	J	U	<0.008	U		<0.0099	U		<0.0046	U		<0.019	U		<0.0032	U	
		VMP-10-20-071612	7/16/2012	<0.0041	J	U	<0.0076	U		<0.0094	U		<0.0044	U		<0.018	U		<0.0031	J	U
		VMP-10-20-101612	10/16/2012	<0.0073	U		<0.014	U		<0.017	U		<0.0078	U		<0.033	U		0.0016	J	
		VMP-10-20-012913	1/29/2013	<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0048	U	
		VMP-10-20-043013	4/30/2013	<0.0071	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.0053	U	
	30 ft	VMP-10-30	11/13/2009	<0.005	U		<0.01	U		<0.003	U		0.016			<0.01	U		<0.004	U	
		VMP-10-30-041212	4/12/2012	<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U		0.005		
		VMP-10-30-071612	7/16/2012	<0.004	J	U	<0.0074	U		<0.0091	U		<0.0042	J	U	<0.018	U		<0.003	J	U
		VMP-10-30-101612	10/16/2012	<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		0.002	J	
		VMP-10-30-012913	1/29/2013	<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0052	U	
		VMP-10-30-043013	4/30/2013	<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		0.012		

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane		
				0.06			1700						6800						4200		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-10	5 ft	VMP-10-5	11/11/2009	<0.008	U		<0.006	U		<0.006	U		<0.006	U		<0.005	U		<0.004	U	
		VMP-10-5-090710	9/7/2010	<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U	
		VMP-10-5-111810	11/17/2010	<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0017	J		<0.0049	U	
		VMP-10-5-021011	2/10/2011	<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U	
		VMP-10-5-040511	4/5/2011	<0.0084	U		<0.0066	J	U	<0.0066	U		<0.0066	J	U	0.0021	J		<0.0044	U	
		VMP-10-5-07/2911	7/29/2011	<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.002	J		<0.0054	U	
		VMP-10-5-110411	11/4/2011	<0.0053	U		<0.0042	U		<0.0042	U		<0.0042	U		0.0018	J		<0.0028	U	
		VMP-10-5-012512	1/26/2012	<0.0067	U		<0.0053	U		<0.0053	U		<0.0053	U		0.0025	J		<0.0035	U	
		VMP-10-5-041212	4/12/2012	<0.0072	U		<0.0056	U		<0.0056	U		<0.0056	U		0.0023	J		<0.0038	U	
		VMP-10-5-071312	7/13/2012	<0.0074	U		<0.0058	U		<0.0058	U		<0.0058	J	U	0.0028	J		<0.0039	U	
		VMP-10-5-101612	10/16/2012	<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.002	J		<0.0061	U	
		VMP-10-5-012913	1/29/2013	<0.011	U		<0.0085	U		<0.0085	J	U	<0.0085	J	U	0.0028	J		<0.0057	U	
		VMP-10-5-012913-DUP	1/29/2013	<0.012	U		<0.0093	U		<0.0093	J	U	<0.0093	J	U	0.0029	J		<0.0063	U	
		VMP-10-5-043013	4/30/2013	<0.012	U		<0.0097	U		<0.0097	U		<0.0097	U		0.0027	J		<0.0065	U	
	10 ft	VMP-10-10	11/11/2009	<0.008	U		<0.006	U		<0.006	U		<0.006	U		<0.005	U		<0.004	U	
		VMP-10-10-090710	9/7/2010	<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U	
		VMP-10-10-111810	11/17/2010	<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U	
		VMP-10-10-021111	2/11/2011	<0.0078	U		<0.0061	U		<0.0061	U		<0.0061	J	U	0.0015	J		<0.0041	U	
		VMP-10-10-040611	4/6/2011	<0.01	J	U	<0.0079	J	U	<0.0079	J	U	<0.0079	J	U	0.0023	J		<0.0053	U	
		VMP-10-10-072911	7/29/2011	<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0021	J		<0.0056	U	
		VMP-10-10-110411	11/4/2011	<0.0069	U		<0.0054	U		<0.0054	U		<0.0054	U		0.0026	J		<0.0036	U	
		VMP-10-10-110411-DUP	11/4/2011	<0.0069	U		<0.0054	U		<0.0054	U		<0.0054	U		0.0026	J		<0.0036	U	
		VMP-10-10-012512	1/26/2012	<0.0067	U		<0.0053	U		<0.0053	U		<0.0053	U		0.0032	J		<0.0035	U	
		VMP-10-10-012512-DUP	1/26/2012	<0.007	U		0.0015	J		<0.0055	U		<0.0055	U		0.0026	J		<0.0037	U	
		VMP-10-10-041112	4/11/2012	<0.0073	U		<0.0057	U		<0.0057	J	U	<0.0057	U		0.002	J		<0.0039	U	
		VMP-10-10-071312	7/13/2012	<0.0072	U		<0.0056	U		<0.0056	U		<0.0056	J	U	0.0023	J		<0.0038	U	
		VMP-10-10-101612	10/16/2012	<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		0.0019	J		<0.0064	U	
		VMP-10-10-012913	1/29/2013	<0.0097	U		<0.0076	U		<0.0076	J	U	<0.0076	U		0.0024	J		<0.0051	U	
		VMP-10-10-043013	4/30/2013	<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0023	J		<0.0059	U	
	20 ft	VMP-10-20	11/11/2009	<0.008	U		<0.006	U		<0.006	U		<0.006	U		<0.005	U		<0.004	U	
		VMP-10-20-D	11/11/2009	<0.009	U		<0.007	U		<0.007	U		<0.007	U		<0.006	U		<0.005	U	
		VMP-10-20-090710	9/7/2010	<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0027	J		<0.0056	U	
		VMP-10-20-090710-DUP	9/7/2010	<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0033	J		<0.0052	U	
		VMP-10-20-111810	11/17/2010	<0.019	U		<0.015	U		<0.015	U		<0.015	U		0.0028	J		<0.0099	U	
		VMP-10-20-111810-Dup	11/17/2010	<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0019	J		<0.005	U	
		VMP-10-20-021111	2/11/2011	<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.002	J		<0.0049	U	
		VMP-10-20-040611	4/6/2011	<0.011	U		<0.0088	J	U	<0.0088	J	U	<0.0088	J	U	0.0021	J		<0.006	U	
		VMP-10-20-072911	7/29/2011	<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0023	J		<0.0055	U	
		VMP-10-20-110411	11/4/2011	<0.0069	U		<0.0054	U		<0.0054	U		<0.0054	U		0.0027	J		<0.0036	U	
		VMP-10-20-012612	1/26/2012	<0.0064	U		<0.005	U		<0.005	U		<0.005	U		0.0024	J		<0.0034	U	
		VMP-10-20-041212	4/12/2012	<0.0072	U		<0.0056	U		<0.0056	U		<0.0056	J	U	0.0023	J		<0.0038	U	
		VMP-10-20-071612	7/16/2012	<0.0069	U		<0.0054	U		<0.0054	U		<0.0054	J	U	0.0028	J		<0.0036	U	
		VMP-10-20-101612	10/16/2012	<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		0.0022	J		<0.0064	U	
		VMP-10-20-012913	1/29/2013	<0.011	U		<0.0083	U		<0.0083	U		<0.0083	J	U	0.0027	J		<0.0056	U	
		VMP-10-20-043013	4/30/2013	<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0017	J		<0.0063	U	
	30 ft	VMP-10-30	11/13/2009	<0.009	U		<0.007	U		<0.007	U		<0.007	U		<0.006	U		<0.005	U	
		VMP-10-30-041212	4/12/2012	<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	U		0.0035	J		<0.004	U	
		VMP-10-30-071612	7/16/2012	<0.0066	U		<0.0052	U		<0.0052	U		<0.0052	J	U	0.0026	J		<0.0035	U	
		VMP-10-30-101612	10/16/2012	<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0026	J		<0.0061	U	
		VMP-10-30-012913	1/29/2013	<0.012	U		<0.0091	U		<0.0091	U		<0.0091	J	U	0.0028	J		<0.0061	U	
		VMP-10-30-043013	4/30/2013	<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.002	J		<0.0058	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	1,2-Dichloroethane			1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene			1,2-Dichloropropane		
				0.81			1600			1100000			510			45			0.46		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-10	5 ft	VMP-10-5	11/11/2009	<0.004	U		<0.004	U		<0.004	U		<0.004	U		<0.003	U		<0.005	U	
		VMP-10-5-090710	9/7/2010	<0.0053	U		<0.0052	U		<0.0052	U		<0.0052	U		<0.0046	U		<0.0061	U	
		VMP-10-5-111810	11/17/2010	<0.0049	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.0042	U		<0.0056	U	
		VMP-10-5-021011	2/10/2011	<0.0048	U		<0.0047	U		<0.0047	U		<0.0047	U		<0.0041	U		<0.0055	U	
		VMP-10-5-040511	4/5/2011	<0.0044	U		<0.0044	U		<0.0044	U		<0.0044	U		<0.0038	J	U	<0.0051	U	
		VMP-10-5-07/2911	7/29/2011	<0.0054	U		<0.0053	U		<0.0053	U		<0.0053	U		0.00098	J		<0.0062	U	
		VMP-10-5-110411	11/4/2011	<0.0028	U		<0.0028	U		<0.0028	U		<0.0028	U		0.0014	J		<0.0032	U	
		VMP-10-5-012512	1/26/2012	<0.0035	U		<0.0035	U		<0.0035	U		<0.0035	U		0.0014	J		<0.004	U	
		VMP-10-5-041212	4/12/2012	<0.0038	U		<0.0037	U		<0.0037	U		<0.0037	U		<0.033	J	U	<0.0043	U	
		VMP-10-5-071312	7/13/2012	<0.0039	U		<0.0038	U		<0.0038	U		<0.0038	U		<0.034	J	U	<0.0044	U	
		VMP-10-5-101612	10/16/2012	<0.0061	U		<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U	
		VMP-10-5-012913	1/29/2013	<0.0057	U		<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U	
		VMP-10-5-012913-DUP	1/29/2013	<0.0063	U		<0.0062	U		<0.0062	U		<0.0062	U		<0.054	J	U	<0.0072	U	
		VMP-10-5-043013	4/30/2013	<0.0065	U		<0.0064	U		<0.0064	U		<0.0064	U		<0.056	U		<0.0074	U	
	10 ft	VMP-10-10	11/11/2009	<0.004	U		<0.004	U		<0.004	U		<0.004	U		<0.004	U		<0.005	U	
		VMP-10-10-090710	9/7/2010	<0.0053	U		<0.0052	U		<0.0052	U		<0.0052	U		<0.0046	U		<0.0061	U	
		VMP-10-10-111810	11/17/2010	<0.0052	U		<0.0051	U		<0.0051	U		<0.0051	U		0.001	J		<0.006	U	
		VMP-10-10-021111	2/11/2011	<0.0041	U		<0.004	U		<0.004	U		<0.004	U		<0.0035	U		<0.0047	U	
		VMP-10-10-040611	4/6/2011	<0.0053	U		<0.0052	U		<0.0052	J	U	<0.0052	U		0.016			<0.0061	U	
		VMP-10-10-072911	7/29/2011	<0.0056	U		<0.0055	U		<0.0055	U		<0.0055	U		<0.0048	J	U	<0.0064	U	
		VMP-10-10-110411	11/4/2011	<0.0036	U		<0.0035	U		0.0031	J		<0.0035	U		0.002	J		<0.0041	U	
		VMP-10-10-110411-DUP	11/4/2011	<0.0036	U		<0.0035	U		0.0018	J		<0.0035	U		0.002	J		0.00064	J	
		VMP-10-10-012512	1/26/2012	<0.0035	U		<0.0035	U		<0.0035	U		<0.0035	U		0.0035			<0.004	U	
		VMP-10-10-012512-DUP	1/26/2012	<0.0037	U		<0.0036	U		<0.0036	U		<0.0036	U		0.0025	J		<0.0042	U	
		VMP-10-10-041112	4/11/2012	<0.0039	U		<0.0038	U		<0.0038	U		<0.0038	U		0.0028	J		0.00091	J	
		VMP-10-10-071312	7/13/2012	<0.0038	U		<0.0037	U		<0.0037	U		<0.0037	U		<0.033	J	U	<0.0043	U	
		VMP-10-10-101612	10/16/2012	<0.0064	U		<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U	
		VMP-10-10-012913	1/29/2013	<0.0051	U		<0.005	U		<0.005	U		<0.005	U		0.002	J		<0.0058	U	
		VMP-10-10-043013	4/30/2013	<0.0059	U		<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U	
	20 ft	VMP-10-20	11/11/2009	<0.004	U		<0.004	U		<0.004	U		<0.004	U		<0.003	U		<0.005	U	
		VMP-10-20-D	11/11/2009	<0.005	U		<0.004	U		<0.004	U		<0.004	U		<0.004	U		<0.005	U	
		VMP-10-20-090710	9/7/2010	<0.0056	U		<0.0055	U		<0.0055	U		<0.0055	U		<0.0048	J	U	<0.0064	U	
		VMP-10-20-090710-DUP	9/7/2010	<0.0052	U		<0.0051	U		<0.0051	U		<0.0051	U		<0.026		U	<0.006	U	
		VMP-10-20-111810	11/17/2010	<0.0099	U		<0.0097	U		<0.0097	U		<0.0097	U		<0.0085	U		<0.011	U	
		VMP-10-20-111810-Dup	11/17/2010	<0.005	U		<0.0049	U		<0.0049	U		<0.0049	U		0.0026	J		<0.0057	U	
		VMP-10-20-021111	2/11/2011	<0.0049	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.0042	U		<0.0056	U	
		VMP-10-20-040611	4/6/2011	<0.0059	U		<0.0058	U		<0.0058	U		<0.0058	U		0.0068			<0.0068	U	
		VMP-10-20-072911	7/29/2011	<0.0055	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.0047	U		<0.0063	U	
		VMP-10-20-110411	11/4/2011	<0.0036	U		<0.0035	U		0.0011	J		<0.0035	U		0.0017	J		<0.0041	U	
		VMP-10-20-012612	1/26/2012	<0.0034	U		<0.0033	U		<0.0033	U		<0.0033	U		0.00031	J		<0.0039	U	
		VMP-10-20-041212	4/12/2012	<0.0038	U		<0.0037	U		<0.0037	U		<0.0037	U		<0.033	J	U	<0.0043	U	
		VMP-10-20-071612	7/16/2012	<0.0036	U		<0.0035	U		<0.0035	U		<0.0035	U		<0.031	J	U	<0.0041	U	
		VMP-10-20-101612	10/16/2012	<0.0064	U		<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0074	U	
		VMP-10-20-012913	1/29/2013	<0.0056	U		<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U	
		VMP-10-20-043013	4/30/2013	<0.0063	U		<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0072	U	
	30 ft	VMP-10-30	11/13/2009	<0.005	U		<0.004	U		<0.004	U		<0.004	U		<0.004	U		<0.005	U	
		VMP-10-30-041212	4/12/2012	<0.004	U		<0.0039	U		<0.0039	U		<0.0039	U		<0.034	U		<0.0045	U	
		VMP-10-30-071612	7/16/2012	<0.0035	U		<0.0034	U		<0.0034	U		<0.0034	U		<0.03	J	U	<0.004	U	
		VMP-10-30-101612	10/16/2012	<0.0061	U		<0.0059	U		<0.0059	U		<0.0059	U		0.0053	J		<0.0069	U	
		VMP-10-30-012913	1/29/2013	<0.0061	U		<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U	
		VMP-10-30-043013	4/30/2013	<0.0058	U		<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	cis-1,3-Dichloropropene 6.2			trans-1,3-Dichloropropene 6.2			1,4-Dioxane 2.3			Ethanol			Ethylbenzene 8300			4-Ethyltoluene		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-10	5 ft	VMP-10-5	11/11/2009	<0.005	U		<0.005	U		<0.016	U		0.18		J	<0.004	U		<0.005	U	
		VMP-10-5-090710	9/7/2010	<0.006	U		<0.006	U		<0.019	U		0.015			0.009			0.0072		
		VMP-10-5-111810	11/17/2010	<0.0055	U		<0.0055	U		<0.017	U		0.004	J		0.0014	J		<0.0059	U	
		VMP-10-5-021011	2/10/2011	<0.0054	U		<0.0054	U		<0.017	U		<0.009	U		0.0029	J		0.0013	J	
		VMP-10-5-040511	4/5/2011	<0.005	U		<0.005	U		<0.016	U		0.028			0.0018	J		0.005	J	
		VMP-10-5-07/2911	7/29/2011	<0.0061	U		<0.0061	U		0.041			0.05			0.0012	J		<0.0066	J	U
		VMP-10-5-110411	11/4/2011	<0.0032	U		<0.0032	U		<0.01	U		0.011			0.00086	J		<0.0034	J	U
		VMP-10-5-012512	1/26/2012	<0.004	U		<0.004	U		<0.013	U		0.017			<0.0038	U		<0.0043	U	
		VMP-10-5-041212	4/12/2012	<0.0043	U		<0.0043	U		<0.014	U		0.025			0.00077	J		<0.0046	U	
		VMP-10-5-071312	7/13/2012	<0.0044	U		<0.0044	U		<0.014	U		0.0029	J		<0.0042	J	U	<0.0047	U	
		VMP-10-5-101612	10/16/2012	<0.0069	U		<0.0069	U		<0.022	U		<0.011	U		<0.0066	U		<0.0074	U	
		VMP-10-5-012913	1/29/2013	<0.0064	U		<0.0064	U		<0.02	U		<0.011	U		0.0012	J		<0.0069	J	U
		VMP-10-5-012913-DUP	1/29/2013	<0.007	U		<0.007	U		<0.022	U		<0.012	U		<0.0068	U		<0.0076	U	
		VMP-10-5-043013	4/30/2013	<0.0073	U		<0.0073	U		<0.023	U		<0.012	U		<0.007	U		<0.0079	U	
	10 ft	VMP-10-10	11/11/2009	<0.005	U		<0.005	U		<0.016	U		0.046		J	<0.005	U		<0.005	U	
		VMP-10-10-090710	9/7/2010	<0.006	U		<0.006	U		0.0077	J		0.0079	J		<0.0057	U		<0.0065	U	
		VMP-10-10-111810	11/17/2010	<0.0058	U		<0.0058	U		0.0042	J		0.0096	J		0.0014	J		<0.0063	U	
		VMP-10-10-021111	2/11/2011	<0.0046	U		<0.0046	U		<0.014	U		0.1			0.0017	J		<0.005	J	U
		VMP-10-10-040611	4/6/2011	<0.006	J	U	<0.006	J	U	<0.019	U		0.013			0.00094	J		<0.0065	J	U
		VMP-10-10-072911	7/29/2011	<0.0063	U		<0.0063	U		0.017	J		0.029			0.0024	J		<0.0068	J	U
		VMP-10-10-110411	11/4/2011	<0.0041	U		<0.0041	U		0.0025	J		0.0095			0.00097	J		0.0021	J	
		VMP-10-10-110411-DUP	11/4/2011	<0.0041	U		<0.0041	U		<0.013	U		0.016			0.00091	J		0.0019	J	
		VMP-10-10-012512	1/26/2012	<0.004	U		<0.004	U		<0.013	U		0.028		J	<0.0038	U		<0.0043	U	
		VMP-10-10-012512-DUP	1/26/2012	<0.0042	U		<0.0042	U		<0.013	U		0.013		J	<0.004	U		0.0011	J	
		VMP-10-10-041112	4/11/2012	<0.0043	U		<0.0043	U		<0.014	U		0.051			0.0029	J		<0.0047	J	U
		VMP-10-10-071312	7/13/2012	<0.0043	U		<0.0043	U		<0.014	U		0.038			<0.0041	J	U	<0.0046	U	
		VMP-10-10-101612	10/16/2012	<0.0072	U		<0.0072	U		<0.023	U		<0.012	U		0.0032	J		<0.0078	U	
		VMP-10-10-012913	1/29/2013	<0.0057	U		<0.0057	U		<0.018	U		0.0034	J		<0.0055	U		<0.0062	U	
		VMP-10-10-043013	4/30/2013	<0.0066	U		<0.0066	U		<0.021	U		<0.011	U		<0.0063	U		<0.0071	U	
	20 ft	VMP-10-20	11/11/2009	<0.005	U		<0.005	U		<0.016	U		0.036		J	<0.004	U		<0.005	U	
		VMP-10-20-D	11/11/2009	<0.005	U		<0.005	U		<0.018	U		0.22		J	<0.005	U		<0.006	U	
		VMP-10-20-090710	9/7/2010	<0.0063	U		<0.0063	U		<0.02	U		0.012		J	0.002	J		<0.0068	U	
		VMP-10-20-090710-DUP	9/7/2010	<0.0058	U		<0.0058	U		<0.018	U		0.048		J	0.0017	J		<0.0063	U	
		VMP-10-20-111810	11/17/2010	<0.011	U		<0.011	U		<0.035	U		0.0097	J		<0.011	U		<0.012	U	
		VMP-10-20-111810-Dup	11/17/2010	<0.0056	U		<0.0056	U		<0.018	U		0.017			0.0015	J		<0.0061	U	
		VMP-10-20-021111	2/11/2011	<0.0055	U		<0.0055	U		<0.018	U		0.018			<0.0053	U		<0.006	U	
		VMP-10-20-040611	4/6/2011	<0.0067	U		<0.0067	J	U	<0.021	U		0.05			0.0026	J		<0.0072	J	U
		VMP-10-20-072911	7/29/2011	<0.0062	U		<0.0062	U		<0.02	U		0.062			0.0014	J		0.0013	J	
		VMP-10-20-110411	11/4/2011	<0.0041	U		<0.0041	U		<0.013	U		0.085			0.00094	J		0.0015	J	
		VMP-10-20-012612	1/26/2012	<0.0038	U		<0.0038	U		<0.012	U		0.0046	J		<0.0036	U		<0.0041	U	
		VMP-10-20-041212	4/12/2012	<0.0043	U		<0.0043	U		<0.014	U		0.011			0.00093	J		<0.0046	U	
		VMP-10-20-071612	7/16/2012	<0.0041	U		<0.0041	U		0.02			0.0024	J		<0.0039	J	U	<0.0044	U	
		VMP-10-20-101612	10/16/2012	<0.0072	U		<0.0072	U		<0.023	U		0.0056	J		<0.0069	U		0.0067	J	
		VMP-10-20-012913	1/29/2013	<0.0063	U		<0.0063	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U	
		VMP-10-20-043013	4/30/2013	<0.007	U		<0.007	U		<0.022	U		<0.012	U		<0.0067	U		<0.0076	U	
	30 ft	VMP-10-30	11/13/2009	<0.005	U		<0.005	U		<0.018	U		<0.009	U		<0.005	U		<0.006	U	
		VMP-10-30-041212	4/12/2012	<0.0044	U		<0.0044	U		<0.014	U		0.04			0.0016	J		<0.0048	U	
		VMP-10-30-071612	7/16/2012	<0.0039	U		<0.0039	U		<0.012	U		<0.0065	U		<0.0038	J	U	0.0011	J	
		VMP-10-30-101612	10/16/2012	<0.0068	U		<0.0068	U		<0.022	U		0.022			<0.0065	U		<0.0074	U	
		VMP-10-30-012913	1/29/2013	<0.0069	U		<0.0069	U		<0.022	U		0.0042	J		<0.0066	U		<0.0074	U	
		VMP-10-30-043013	4/30/2013	<0.0065	U		<0.0065	U		<0.021	U		<0.011	U		0.0016	J		<0.0071	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-10	5 ft	VMP-10-5	11/11/2009	<0.008	U		<0.007	U		<0.004	U		<0.047	U		<0.003	U		<0.018	U	
		VMP-10-5-090710	9/7/2010	<0.01	U		<0.0092	U		0.0071			<0.056	U		0.015			<0.022	U	
		VMP-10-5-111810	11/17/2010	<0.0093	U		<0.0084	U		0.012			<0.052	U		0.0072			<0.02	U	
		VMP-10-5-021011	2/10/2011	<0.0091	U		<0.0083	U		0.044			<0.051	U		0.11			<0.019	U	
		VMP-10-5-040511	4/5/2011	<0.0084	U		<0.0077	U		0.0051			<0.047	U		0.0066			<0.018	U	
		VMP-10-5-07/2911	7/29/2011	<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0036	J		<0.022	J	U
		VMP-10-5-110411	11/4/2011	<0.0053	U		<0.0048	U		<0.0028	U		<0.03	U		0.00062	J		0.00065	J	
		VMP-10-5-012512	1/26/2012	<0.0067	U		<0.0061	U		0.0022	J		<0.037	U		0.0028	J		<0.014	U	
		VMP-10-5-041212	4/12/2012	<0.0072	U		<0.0066	U		0.0047			<0.04	U		0.013			<0.015	U	
		VMP-10-5-071312	7/13/2012	<0.0074	U		<0.0067	U		<0.004	J	U	<0.041	U		0.0017	J		<0.016	U	
		VMP-10-5-101612	10/16/2012	<0.012	U		<0.01	U		0.012			<0.065	U		0.028			<0.025	U	
		VMP-10-5-012913	1/29/2013	<0.011	U		<0.0098	U		0.0048	J		<0.06	U		0.0085			<0.023	U	
		VMP-10-5-012913-DUP	1/29/2013	<0.012	U		<0.011	U		0.0049	J		<0.066	U		0.011			<0.025	U	
		VMP-10-5-043013	4/30/2013	<0.012	U		<0.011	U		0.0015	J		<0.069	U		<0.0057	J	U	<0.026	U	
	10 ft	VMP-10-10	11/11/2009	<0.008	U		<0.008	U		<0.004	U		<0.049	U		<0.004	U		<0.019	U	
		VMP-10-10-090710	9/7/2010	<0.01	U		<0.0092	U		0.0017	J		<0.056	U		0.0016	J		<0.022	U	
		VMP-10-10-111810	11/17/2010	<0.0099	U		<0.009	U		0.01			<0.055	U		0.0096			<0.021	U	
		VMP-10-10-021111	2/11/2011	<0.0077	U		<0.0071	U		0.006			<0.043	U		0.0049			<0.016	U	
		VMP-10-10-040611	4/6/2011	<0.01	U		<0.0092	U		0.0022	J		<0.056	J	U	0.0068			<0.022	U	
		VMP-10-10-072911	7/29/2011	<0.01	U		<0.0096	U		0.0027	J		<0.059	U		0.0025	J		0.0032	J	
		VMP-10-10-110411	11/4/2011	<0.0068	U		<0.0062	U		0.0009	J		<0.038	U		<0.0032	J	U	0.00081	J	
		VMP-10-10-110411-DUP	11/4/2011	<0.0068	U		<0.0062	U		0.0018	J		<0.038	U		<0.0032	J	U	0.0018	J	
		VMP-10-10-012512	1/26/2012	<0.0067	U		<0.0061	U		<0.0036	U		<0.037	U		<0.0031	U		<0.014	U	
		VMP-10-10-012512-DUP	1/26/2012	<0.007	U		<0.0064	U		<0.0037	U		<0.039	U		0.00092	J		<0.015	U	
		VMP-10-10-041112	4/11/2012	<0.0073	U		<0.0067	U		0.0045			<0.041	U		0.011			<0.016	U	
		VMP-10-10-071312	7/13/2012	<0.0072	J	U	<0.0066	U		<0.0038	J	U	<0.04	U		<0.0033	J	U	<0.015	U	
		VMP-10-10-101612	10/16/2012	<0.012	U		<0.011	U		0.0039	J		<0.067	U		0.015			<0.026	U	
		VMP-10-10-012913	1/29/2013	<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0014	J		<0.021	U	
		VMP-10-10-043013	4/30/2013	<0.011	U		<0.01	U		0.0047	J		<0.062	U		0.0087			<0.024	U	
	20 ft	VMP-10-20	11/11/2009	<0.008	U		<0.007	U		0.0049			<0.048	U		0.0068			<0.018	U	
		VMP-10-20-D	11/11/2009	<0.009	U		<0.008	U		<0.005	U		<0.053	U		<0.004	U		<0.02	U	
		VMP-10-20-090710	9/7/2010	<0.01	U		<0.0096	U		0.0037	J		<0.059	U		0.0061			<0.023	U	
		VMP-10-20-090710-DUP	9/7/2010	<0.0099	U		<0.009	U		0.0025	J		<0.055	U		0.0043	J		<0.021	U	
		VMP-10-20-111810	11/17/2010	<0.019	U		<0.017	U		0.0048	J		<0.1	U		0.0049	J		<0.04	U	
		VMP-10-20-111810-Dup	11/17/2010	<0.0095	U		<0.0086	U		0.013			<0.053	U		0.0097			<0.02	U	
		VMP-10-20-021111	2/11/2011	<0.0094	U		<0.0085	U		0.0056			<0.052	U		0.0043			<0.02	U	
		VMP-10-20-040611	4/6/2011	<0.011	U		<0.01	U		0.0036	J		<0.063	J	U	0.0084			<0.024	U	
		VMP-10-20-072911	7/29/2011	<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.003	J		<0.022	J	U
		VMP-10-20-110411	11/4/2011	<0.0068	U		<0.0062	U		0.002	J		<0.038	U		0.0033			0.00087	J	
		VMP-10-20-012612	1/26/2012	<0.0064	U		<0.0059	U		0.0026	J		<0.036	U		0.011			<0.014	U	
		VMP-10-20-041212	4/12/2012	<0.0072	U		<0.0066	U		0.0066			<0.04	U		0.013			<0.015	U	
		VMP-10-20-071612	7/16/2012	<0.0068	U		<0.0062	U		0.003	J		<0.038	U		0.0043			<0.015	U	
		VMP-10-20-101612	10/16/2012	<0.012	U		<0.011	U		<0.0065	U		<0.068	U		0.0035	J		<0.026	U	
		VMP-10-20-012913	1/29/2013	<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0029	J		<0.023	U	
		VMP-10-20-043013	4/30/2013	<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U		<0.025	U	
	30 ft	VMP-10-30	11/13/2009	<0.009	U		<0.008	U		<0.005	U		<0.053	U		0.0052			<0.02	U	
		VMP-10-30-041212	4/12/2012	<0.0075	U		<0.0068	U		0.0028	J		<0.042	U		0.008			<0.016	U	
		VMP-10-30-071612	7/16/2012	<0.0066	U		<0.006	U		0.0045			<0.037	U		0.01			<0.014	U	
		VMP-10-30-101612	10/16/2012	<0.011	U		<0.01	U		0.0021	J		<0.064	U		0.0046	J		<0.024	U	
		VMP-10-30-012913	1/29/2013	<0.012	U		<0.01	U		<0.0062	U		<0.065	U		0.00092	J		<0.025	U	
		VMP-10-30-043013	4/30/2013	<0.011	U		<0.01	U		0.0064			<0.061	U		0.0084			<0.024	U	

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CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Isopentane			Isopropylbenzene (Cumene) 3500			4-Methyl-2-pentanone (Methyl			Methyl tert-Butyl Ether (MTBE) 23000			2-Propanol			n-Propylbenzene		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-10	5 ft	VMP-10-5	11/11/2009				<0.005	U		<0.004	U		<0.004	U		0.87			<0.005	U	
		VMP-10-5-090710	9/7/2010				0.002	J		0.0016	J		<0.0048	U		0.02			0.0035	J	
		VMP-10-5-111810	11/17/2010				<0.0059	U		<0.005	U		0.00036	J		<0.012	U		<0.0059	U	
		VMP-10-5-021011	2/10/2011				<0.0058	U		<0.0049	U		<0.0043	U		0.0058	J		<0.0058	U	
		VMP-10-5-040511	4/5/2011	0.017			0.013			0.039			0.00036	J		0.065			<0.0054	J	U
		VMP-10-5-07/2911	7/29/2011	<0.016	U		0.013			0.066			<0.0048	U		0.023			<0.0066	U	
		VMP-10-5-110411	11/4/2011	<0.0082	U		0.0046			0.026			<0.0025	U		0.016			<0.0034	U	
		VMP-10-5-012512	1/26/2012	0.0072	J		0.0015	J		0.027			<0.0032	U		0.0024	J		<0.0043	U	
		VMP-10-5-041212	4/12/2012	0.024			<0.0046	U		<0.0038	U		<0.0034	U		0.073			<0.0046	U	
		VMP-10-5-071312	7/13/2012	<0.011	U		<0.0047	J	U	<0.004	J	U	<0.0035	U		0.0023	J		<0.0047	U	
		VMP-10-5-101612	10/16/2012	0.19			0.0031	J		<0.0062	U		<0.0055	U		<0.015	U		<0.0074	J	U
		VMP-10-5-012913	1/29/2013	0.038		J	<0.0069	U		0.0015	J		<0.0051	U		0.0072	J		<0.0069	U	
		VMP-10-5-012913-DUP	1/29/2013	0.067		J	<0.0076	U		<0.0064	U		<0.0056	U		0.0025	J		<0.0076	U	
		VMP-10-5-043013	4/30/2013	<0.019	U		<0.0079	U		0.0016	J		<0.0058	U		0.0025	J		<0.0079	U	
	10 ft	VMP-10-10	11/11/2009				<0.005	U		<0.004	U		<0.004	U		<0.011	U		<0.005	U	
		VMP-10-10-090710	9/7/2010				<0.0065	U		0.0012	J		<0.0048	U		0.01	J		<0.0065	U	
		VMP-10-10-111810	11/17/2010				<0.0063	U		<0.0053	U		0.00046	J		0.018			<0.0063	U	
		VMP-10-10-021111	2/11/2011				<0.005	U		<0.0041	U		<0.0036	U		0.11			<0.005	J	U
		VMP-10-10-040611	4/6/2011	0.014	J		<0.0065	U		<0.0054	U		<0.0048	U		<0.013	U		<0.0065	J	U
		VMP-10-10-072911	7/29/2011	<0.016	U		0.023			0.13			<0.005	U		0.036			<0.0068	U	
		VMP-10-10-110411	11/4/2011	<0.01	U		0.0061			0.018			<0.0032	U		0.0061	J		0.00047	J	
		VMP-10-10-110411-DUP	11/4/2011	<0.01	U		0.0056			0.016			<0.0032	U		0.0057	J		0.00049	J	
		VMP-10-10-012512	1/26/2012	0.0017	J	J	0.004	J		0.0013	J		<0.0032	U		0.0072	J		0.0025	J	
		VMP-10-10-012512-DUP	1/26/2012	0.081		J	0.0017	J		0.0017	J		<0.0033	U		0.0066	J		0.00099	J	
		VMP-10-10-041112	4/11/2012	0.012			0.00084	J		0.0007	J		<0.0034	U		0.18			<0.0047	J	U
		VMP-10-10-071312	7/13/2012	0.003	J		<0.0046	J	U	<0.0038	J	U	<0.0034	U		0.014			<0.0046	U	
		VMP-10-10-101612	10/16/2012	0.13			0.0022	J		<0.0065	U		<0.0057	U		<0.016	U		<0.0078	J	U
		VMP-10-10-012913	1/29/2013	0.0043	J		<0.0062	U		0.0011	J		<0.0045	U		0.015			<0.0062	U	
		VMP-10-10-043013	4/30/2013	0.027			<0.0071	U		0.0016	J		<0.0052	U		0.0039	J		<0.0071	J	U
	20 ft	VMP-10-20	11/11/2009				<0.005	U		<0.004	U		<0.004	U		<0.011	U		<0.005	U	
		VMP-10-20-D	11/11/2009				<0.006	U		<0.005	U		<0.004	U		<0.012	U		<0.006	U	
		VMP-10-20-090710	9/7/2010				<0.0068	U		0.00098	J		<0.005	U		0.023			<0.0068	U	
		VMP-10-20-090710-DUP	9/7/2010				<0.0063	U		0.00096	J		<0.0046	U		0.033			<0.0063	U	
		VMP-10-20-111810	11/17/2010				<0.012	U		<0.01	U		0.0012	J		<0.024	U		<0.012	U	
		VMP-10-20-111810-Dup	11/17/2010				<0.0061	U		<0.005	U		0.00047	J		0.037			<0.0061	U	
		VMP-10-20-021111	2/11/2011				<0.006	U		<0.005	U		<0.0044	U		0.0048	J		<0.006	U	
		VMP-10-20-040611	4/6/2011	0.027			0.029			0.1			<0.0053	U		0.054			<0.0072	U	
		VMP-10-20-072911	7/29/2011	<0.016	U		0.023			0.075			<0.0049	U		0.024			<0.0067	U	
		VMP-10-20-110411	11/4/2011	0.0043	J		0.0057			0.031			<0.0032	U		0.025			0.00042	J	
		VMP-10-20-012612	1/26/2012	0.048			0.00095	J		0.0023	J		<0.003	U		0.0024	J		<0.0041	U	
		VMP-10-20-041212	4/12/2012	0.015			<0.0046	U		<0.0038	U		<0.0034	U		0.03			<0.0046	U	
		VMP-10-20-071612	7/16/2012	0.0056	J		<0.0044	U		<0.0037	U		<0.0032	U		0.0014	J		<0.0044	U	
		VMP-10-20-101612	10/16/2012	0.038			<0.0078	U		<0.0065	U		<0.0058	U		<0.016	U		<0.0078	J	U
		VMP-10-20-012913	1/29/2013	0.0019	J		<0.0068	U		<0.0056	U		<0.005	U		0.0023	J		<0.0068	U	
		VMP-10-20-043013	4/30/2013	<0.018	U		<0.0076	U		<0.0063	U		<0.0056	U		0.0066	J		<0.0076	U	
	30 ft	VMP-10-30	11/13/2009				<0.006	U		<0.005	U		<0.004	U		<0.012	U		<0.006	U	
		VMP-10-30-041212	4/12/2012	0.024			<0.0048	U		<0.004	U		<0.0035	U		0.2			<0.0048	U	
		VMP-10-30-071612	7/16/2012	0.0068	J		<0.0042	U		<0.0035	U		<0.0031	U		0.0012	J		<0.0042	U	
		VMP-10-30-101612	10/16/2012	0.026			<0.0074	U		<0.0061	U		<0.0054	U		0.01	J		<0.0074	U	
		VMP-10-30-012913	1/29/2013	<0.018	U		<0.0074	U		<0.0062	U		<0.0055	U		0.0071	J		<0.0074	U	
		VMP-10-30-043013	4/30/2013	0.019			<0.0071	J	U	0.0019	J		<0.0052	U		0.0041	J		<0.0071	J	U

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
				8500						4						40000			50		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-10	5 ft	VMP-10-5	11/11/2009	<0.004	U		<0.007	U		<0.007	U		<0.003	U		0.0046			<0.033	U	
		VMP-10-5-090710	9/7/2010	0.0029	J		<0.0091	U		0.0017	J		<0.0039	U		0.014			<0.039	U	
		VMP-10-5-111810	11/17/2010	0.0024	J		<0.0083	U		<0.0082	J	U	<0.0036	U		<0.0046	U		<0.036	U	
		VMP-10-5-021011	2/10/2011	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.0028	J		<0.035	U	
		VMP-10-5-040511	4/5/2011	<0.0047	U		<0.0076	U		<0.0075	J	U	0.0062			0.0082			<0.033	J	U
		VMP-10-5-07/2911	7/29/2011	0.00097	J		<0.0092	U		<0.0091	U		0.0014	J		0.009			<0.04	U	
		VMP-10-5-110411	11/4/2011	<0.003	U		<0.0048	U		<0.0047	U		<0.002	U		0.011			<0.021	U	
		VMP-10-5-012512	1/26/2012	<0.0037	U		<0.006	U		0.0018	J		<0.0026	U		0.0037			<0.026	U	
		VMP-10-5-041212	4/12/2012	<0.004	U		<0.0064	U		<0.0064	U		0.016			0.032			<0.028	U	
		VMP-10-5-071312	7/13/2012	<0.0041	U		<0.0066	U		<0.0065	U		0.0073			<0.0036	J	U	<0.029	U	
		VMP-10-5-101612	10/16/2012	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		0.0014	J		<0.045	U	
		VMP-10-5-012913	1/29/2013	<0.006	U		<0.0097	U		<0.0096	J	U	<0.0042	U		<0.0053	J	U	<0.042	J	U
		VMP-10-5-012913-DUP	1/29/2013	<0.0066	U		<0.011	U		<0.01	J	U	<0.0046	U		<0.0058	J	U	<0.046	J	U
		VMP-10-5-043013	4/30/2013	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		<0.0061	J	U	<0.048	J	U
	10 ft	VMP-10-10	11/11/2009	<0.004	U		<0.007	U		<0.007	U		<0.003	U		<0.004	U		<0.034	U	
		VMP-10-10-090710	9/7/2010	<0.0056	U		<0.0091	U		0.0024	J		<0.0039	U		0.0014	J		<0.039	U	
		VMP-10-10-111810	11/17/2010	0.0022	J		<0.0088	U		0.0026	J		0.0023	J		0.0019	J		<0.038	U	
		VMP-10-10-021111	2/11/2011	<0.0043	U		<0.0069	U		0.00083	J		0.0023	J		0.0035	J		<0.03	U	
		VMP-10-10-040611	4/6/2011	<0.0056	U		<0.0091	U		<0.009	J	U	<0.0039	U		0.0018	J		<0.039	J	U
		VMP-10-10-072911	7/29/2011	0.0015	J		<0.0095	U		<0.0094	U		0.002	J		0.024			<0.041	U	
		VMP-10-10-110411	11/4/2011	<0.0038	U		<0.0061	U		<0.0061	J	U	<0.0026	U		0.01			<0.026	U	
		VMP-10-10-110411-DUP	11/4/2011	<0.0038	U		<0.0061	U		<0.0061	J	U	<0.0026	U		0.01			<0.026	U	
		VMP-10-10-012512	1/26/2012	<0.0037	U		<0.006	U		<0.0059	U		0.011			0.0034			<0.026	U	
		VMP-10-10-012512-DUP	1/26/2012	<0.0039	U		<0.0063	U		<0.0062	U		0.012			0.0032	J		<0.027	U	
		VMP-10-10-041112	4/11/2012	<0.0041	U		<0.0066	U		<0.0065	J	U	0.055			0.07			<0.028	U	
		VMP-10-10-071312	7/13/2012	<0.004	U		<0.0064	U		<0.0064	U		0.006			<0.0035	J	U	<0.028	U	
		VMP-10-10-101612	10/16/2012	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		<0.006	J	U	<0.047	U	
		VMP-10-10-012913	1/29/2013	<0.0054	U		<0.0086	U		<0.0085	J	U	<0.0037	U		<0.0047	J	U	<0.037	J	U
		VMP-10-10-043013	4/30/2013	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		<0.0055	J	U	<0.043	J	U
	20 ft	VMP-10-20	11/11/2009	<0.004	U		<0.007	U		<0.007	U		<0.003	U		0.0052			<0.033	U	
		VMP-10-20-D	11/11/2009	<0.005	U		<0.008	U		<0.008	U		<0.003	U		0.0058			<0.037	U	
		VMP-10-20-090710	9/7/2010	<0.0059	U		<0.0095	U		<0.0094	U		0.0036	J		0.005	J		<0.041	U	
		VMP-10-20-090710-DUP	9/7/2010	<0.0055	U		<0.0088	U		0.0007	J		0.0042			0.0098			<0.038	U	
		VMP-10-20-111810	11/17/2010	<0.01	U		<0.017	U		<0.016	J	U	<0.0072	U		<0.0092	U		<0.072	U	
		VMP-10-20-111810-Dup	11/17/2010	0.0025	J		<0.0085	U		<0.0084	J	U	<0.0036	U		0.0012	J		<0.037	U	
		VMP-10-20-021111	2/11/2011	<0.0052	U		<0.0084	U		0.002	J		<0.0036	U		0.0064			<0.036	U	
		VMP-10-20-040611	4/6/2011	<0.0063	U		<0.01	U		<0.01	J	U	<0.0043	U		0.026			<0.044	J	U
		VMP-10-20-072911	7/29/2011	0.0016	J		<0.0094	U		<0.0092	U		0.0014	J		0.014			<0.04	U	
		VMP-10-20-110411	11/4/2011	0.0005	J		<0.0061	U		<0.0061	J	U	0.0023	J		0.015			<0.026	U	
		VMP-10-20-012612	1/26/2012	<0.0036	U		<0.0058	U		<0.0057	U		0.02			0.0056			<0.025	U	
		VMP-10-20-041212	4/12/2012	<0.004	U		<0.0064	U		<0.0064	U		0.0077			0.01			<0.028	U	
		VMP-10-20-071612	7/16/2012	<0.0038	U		<0.0061	U		<0.0061	U		0.0041			<0.0034	J	U	<0.026	U	
		VMP-10-20-101612	10/16/2012	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		<0.006	J	U	<0.047	U	
		VMP-10-20-012913	1/29/2013	<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0041	U		<0.0052	J	U	<0.041	J	U
		VMP-10-20-043013	4/30/2013	<0.0066	U		<0.011	U		<0.01	J	U	<0.0046	U		<0.0058	J	U	<0.046	U	
	30 ft	VMP-10-30	11/13/2009	<0.005	U		<0.008	U		<0.008	U		<0.003	U		<0.004	U		<0.037	U	
		VMP-10-30-041212	4/12/2012	<0.0042	U		<0.0067	U		<0.0066	U		0.047			0.09			<0.029	U	
		VMP-10-30-071612	7/16/2012	<0.0037	U		<0.0059	U		<0.0059	U		0.0046			0.0049			<0.026	U	
		VMP-10-30-101612	10/16/2012	<0.0064	U		<0.01	U		<0.01	U		0.0014	J		0.0077			<0.044	U	
		VMP-10-30-012913	1/29/2013	<0.0064	U		<0.01	U		0.0022	J		<0.0045	U		<0.0057	J	U	<0.045	J	U
		VMP-10-30-043013	4/30/2013	<0.0061	U		<0.0099	U		<0.0098	J	U	<0.0042	U		<0.0054	U		<0.043	U	

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Location	Depth	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl			1,1,2-Trichloroethane			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene		
				41000			170000			12			5600								
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-10	5 ft	VMP-10-5	11/11/2009	<0.006	U		<0.006	U		<0.005	U		<0.006	U		<0.005	U		<0.005	U	
		VMP-10-5-090710	9/7/2010	<0.0072	U		<0.0072	U		<0.0071	U		0.001	J		0.007			0.0023	J	
		VMP-10-5-111810	11/17/2010	0.00085	J		<0.0066	U		<0.0065	J	U	0.00082	J		<0.0059	U		<0.0059	U	
		VMP-10-5-021011	2/10/2011	<0.0065	U		<0.0065	U		<0.0064	U		<0.0067	U		0.0013	J		<0.0058	U	
		VMP-10-5-040511	4/5/2011	<0.006	U		<0.006	U		<0.0059	J	U	0.00085	J		0.0054			<0.0054	J	U
		VMP-10-5-07/2911	7/29/2011	<0.0073	U		<0.0073	U		<0.0072	U		<0.0075	U		<0.0066	J	U	<0.0066	U	
		VMP-10-5-110411	11/4/2011	<0.0038	U		<0.0038	U		<0.0037	U		0.00084	J	J	<0.0034	J	U	<0.0034	J	U
		VMP-10-5-012512	1/26/2012	<0.0048	U		<0.0048	U		0.0012	J		<0.0049	U		<0.0043	U		<0.0043	U	
		VMP-10-5-041212	4/12/2012	<0.0051	U		<0.0051	U		<0.005	U		0.0013	J		<0.0046	U		<0.0046	U	
		VMP-10-5-071312	7/13/2012	<0.0053	U		<0.0053	U		<0.0052	U		0.0013	J		<0.0047	J	U	<0.0047	U	
		VMP-10-5-101612	10/16/2012	<0.0083	U		<0.0083	U		<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U	
		VMP-10-5-012913	1/29/2013	<0.0077	U		<0.0077	U		<0.0076	U		0.0021	J		<0.0069	U		<0.0069	U	
		VMP-10-5-012913-DUP	1/29/2013	<0.0085	U		<0.0085	U		<0.0084	U		0.0015	J		<0.0076	U		<0.0076	U	
		VMP-10-5-043013	4/30/2013	<0.0088	U		<0.0088	U		<0.0086	U		0.0014	J		<0.0079	U		<0.0079	U	
	10 ft	VMP-10-10	11/11/2009	<0.006	U		<0.006	U		<0.006	U		<0.006	U		<0.005	U		<0.005	U	
		VMP-10-10-090710	9/7/2010	<0.0072	U		<0.0072	U		<0.0071	U		0.00097	J		<0.0065	U		<0.0065	U	
		VMP-10-10-111810	11/17/2010	0.0013	J		<0.007	U		<0.0069	J	U	0.00098	J		<0.0063	U		<0.0063	U	
		VMP-10-10-021111	2/11/2011	<0.0055	U		<0.0055	U		0.002	J		0.00063	J		<0.005	J	U	<0.005	U	
		VMP-10-10-040611	4/6/2011	<0.0072	U		<0.0072	U		<0.0071	J	U	0.0012	J		<0.0065	J	U	<0.0065	U	
		VMP-10-10-072911	7/29/2011	<0.0075	U		<0.0075	U		<0.0074	U		<0.0078	U		0.0047	J		<0.0068	J	U
		VMP-10-10-110411	11/4/2011	<0.0049	U		<0.0049	U		<0.0048	J	U	0.00083	J		0.0019	J		0.00059	J	
		VMP-10-10-110411-DUP	11/4/2011	<0.0049	U		<0.0049	U		<0.0048	J	U	0.00093	J		0.0015	J		0.00047	J	
		VMP-10-10-012512	1/26/2012	<0.0048	U		<0.0048	U		0.0014	J		<0.0049	U		<0.0043	U		<0.0043	U	
		VMP-10-10-012512-DUP	1/26/2012	<0.005	U		<0.005	U		0.0014	J		<0.0051	U		0.0012	J		<0.0045	U	
		VMP-10-10-041112	4/11/2012	<0.0052	U		<0.0052	U		<0.0051	U		<0.0054	U		<0.0047	J	U	<0.0047	U	
		VMP-10-10-071312	7/13/2012	<0.0051	U		<0.0051	U		<0.005	U		<0.0053	U		<0.0046	J	U	<0.0046	U	
		VMP-10-10-101612	10/16/2012	<0.0086	U		<0.0086	U		<0.0085	U		<0.0089	U		<0.0078	U		<0.0078	U	
		VMP-10-10-012913	1/29/2013	<0.0069	U		<0.0069	U		<0.0068	U		0.0012	J		<0.0062	U		<0.0062	U	
		VMP-10-10-043013	4/30/2013	<0.0079	U		<0.0079	U		<0.0078	U		0.0012	J		<0.0071	U		<0.0071	U	
	20 ft	VMP-10-20	11/11/2009	<0.006	U		<0.006	U		<0.006	U		<0.006	U		<0.005	U		<0.005	U	
		VMP-10-20-D	11/11/2009	<0.006	U		<0.006	U		<0.006	U		<0.006	U		<0.006	U		<0.006	U	
		VMP-10-20-090710	9/7/2010	<0.0075	U		<0.0075	U		<0.0074	U		0.0013	J		0.0016	J		<0.0068	U	
		VMP-10-20-090710-DUP	9/7/2010	<0.007	U		<0.007	U		<0.0069	U		0.0018	J		0.0013	J		<0.0063	U	
		VMP-10-20-111810	11/17/2010	0.0024	J		<0.013	U		0.0042	J		<0.014	U		<0.012	U		<0.012	U	
		VMP-10-20-111810-Dup	11/17/2010	0.0011	J		<0.0067	U		0.002	J		0.00085	J		<0.0061	U		<0.0061	U	
		VMP-10-20-021111	2/11/2011	<0.0066	U		<0.0066	U		0.0033	J		<0.0068	U		<0.006	U		<0.006	U	
		VMP-10-20-040611	4/6/2011	<0.008	U		<0.008	U		<0.0079	J	U	0.0014	J		<0.0072	J	U	<0.0072	U	
		VMP-10-20-072911	7/29/2011	<0.0074	U		<0.0074	U		<0.0073	U		<0.0077	U		0.005	J		<0.0067	J	U
		VMP-10-20-110411	11/4/2011	<0.0049	U		<0.0049	U		<0.0048	U		0.001	J		<0.0044	U		0.00043	J	
		VMP-10-20-012612	1/26/2012	<0.0046	U		<0.0046	U		0.001	J		<0.0047	U		<0.0041	U		<0.0041	U	
		VMP-10-20-041212	4/12/2012	<0.0051	U		<0.0051	U		<0.005	U		0.0009	J		<0.0046	U		<0.0046	U	
		VMP-10-20-071612	7/16/2012	<0.0049	U		<0.0049	U		<0.0048	U		0.0012	J		<0.0044	J	U	<0.0044	U	
		VMP-10-20-101612	10/16/2012	<0.0087	U		<0.0087	U		<0.0086	U		<0.009	U		<0.0078	J	U	0.0026	J	
		VMP-10-20-012913	1/29/2013	<0.0075	U		<0.0075	U		<0.0074	U		0.0017	J		<0.0068	U		<0.0068	U	
		VMP-10-20-043013	4/30/2013	<0.0084	U		<0.0084	U		<0.0083	U		0.0011	J		<0.0076	U		<0.0076	U	
	30 ft	VMP-10-30	11/13/2009	<0.006	U		<0.006	U		<0.006	U		<0.007	U		<0.006	U		<0.006	U	
		VMP-10-30-041212	4/12/2012	<0.0053	U		<0.0053	U		<0.0053	U		0.0018	J		<0.0048	U		<0.0048	U	
		VMP-10-30-071612	7/16/2012	<0.0047	U		<0.0047	U		<0.0046	U		0.0013	J		<0.0042	J	U	<0.0042	U	
		VMP-10-30-101612	10/16/2012	<0.0082	U		<0.0082	U		<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U	
		VMP-10-30-012913	1/29/2013	<0.0083	U		<0.0083	U		<0.0081	U		0.0018	J		<0.0074	U		<0.0074	U	
		VMP-10-30-043013	4/30/2013	<0.0078	U		<0.0078	U		<0.0077	U		0.001	J		<0.0071	U		<0.0071	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylene			o-Xylenes		
							4.8			820			790		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-10	5 ft	VMP-10-5	11/11/2009	<0.005	U		<0.002	U		<0.004	U		<0.004	U	
		VMP-10-5-090710	9/7/2010	0.093			<0.0034	U		0.014			0.0065		
		VMP-10-5-111810	11/17/2010	0.025			<0.0031	U		<0.0052	J	U	<0.0052	U	
		VMP-10-5-021011	2/10/2011	0.2			<0.003	U		0.0046	J		0.0011	J	
		VMP-10-5-040511	4/5/2011	0.011			<0.0028	U		0.0058			<0.0048	J	U
		VMP-10-5-07/2911	7/29/2011	0.003	J		<0.0034	U		0.0033	J		0.00096	J	
		VMP-10-5-110411	11/4/2011	<0.0032	U		<0.0018	U		0.0027	J		0.00085	J	
		VMP-10-5-012512	1/26/2012	0.0031	J		<0.0022	U		0.00089	J		<0.0038	U	
		VMP-10-5-041212	4/12/2012	0.034			<0.0024	U		<0.0041	J	U	<0.0041	U	
		VMP-10-5-071312	7/13/2012	<0.0045	J	U	<0.0025	U		<0.0042	J	U	<0.0042	U	
		VMP-10-5-101612	10/16/2012	0.038			<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-10-5-012913	1/29/2013	0.007			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-10-5-012913-DUP	1/29/2013	0.0082			<0.004	U		<0.0068	U		<0.0068	U	
		VMP-10-5-043013	4/30/2013	0.0034	J		<0.0041	U		<0.007	U		<0.007	U	
	10 ft	VMP-10-10	11/11/2009	<0.005	U		<0.002	U		<0.005	U		<0.005	U	
		VMP-10-10-090710	9/7/2010	0.048			<0.0034	U		0.0011	J		<0.0057	U	
		VMP-10-10-111810	11/17/2010	0.026			<0.0033	U		<0.0056	J	U	<0.0056	U	
		VMP-10-10-021111	2/11/2011	0.018			<0.0026	U		0.0034	J		0.0011	J	
		VMP-10-10-040611	4/6/2011	0.0088			<0.0034	U		<0.0057	J	U	<0.0057	U	
		VMP-10-10-072911	7/29/2011	0.0094			<0.0035	U		0.0072			0.0018	J	
		VMP-10-10-110411	11/4/2011	0.001	J		<0.0023	U		0.0029	J		0.00099	J	
		VMP-10-10-110411-DUP	11/4/2011	0.00076	J		<0.0023	U		0.0025	J		0.0011	J	
		VMP-10-10-012512	1/26/2012	<0.0041	U		<0.0022	U		0.0015	J		0.00071	J	
		VMP-10-10-012512-DUP	1/26/2012	0.008			<0.0023	U		0.0016	J		0.00087	J	
		VMP-10-10-041112	4/11/2012	0.057			<0.0024	U		0.0048			0.0022	J	
		VMP-10-10-071312	7/13/2012	<0.0044	J	U	<0.0024	U		<0.0041	J	U	<0.0041	J	U
		VMP-10-10-101612	10/16/2012	0.021			<0.004	U		0.0068			<0.0069	U	
		VMP-10-10-012913	1/29/2013	0.0064			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-10-10-043013	4/30/2013	0.097			<0.0037	U		<0.0063	U		<0.0063	U	
	20 ft	VMP-10-20	11/11/2009	<0.005	U		<0.002	U		<0.004	U		<0.004	U	
		VMP-10-20-D	11/11/2009	<0.005	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-10-20-090710	9/7/2010	0.027		J	<0.0035	U		0.0043	J		0.0015	J	
		VMP-10-20-090710-DUP	9/7/2010	0.011		J	<0.0033	U		0.0037	J		0.0013	J	
		VMP-10-20-111810	11/17/2010	0.01	J	J	<0.0062	U		<0.011	U		<0.011	U	
		VMP-10-20-111810-Dup	11/17/2010	0.03		J	<0.0032	U		<0.0054	J	U	<0.0054	U	
		VMP-10-20-021111	2/11/2011	0.014			<0.0031	U		0.00059	J		<0.0053	U	
		VMP-10-20-040611	4/6/2011	0.031			<0.0038	U		<0.0068		U	0.0016	J	
		VMP-10-20-072911	7/29/2011	0.0054	J		<0.0035	U		0.0053	J		0.0018	J	
		VMP-10-20-110411	11/4/2011	0.0012	J		<0.0023	U		0.0034	J		0.0011	J	
		VMP-10-20-012612	1/26/2012	0.015			<0.0021	U		0.0014	J		0.00042	J	
		VMP-10-20-041212	4/12/2012	0.064			<0.0024	U		<0.0041	J	U	<0.0041	U	
		VMP-10-20-071612	7/16/2012	<0.0042	J	U	<0.0023	U		<0.0039	J	U	<0.0039	U	
		VMP-10-20-101612	10/16/2012	0.0059	J		<0.0041	U		<0.0069	U		<0.0069	U	
		VMP-10-20-012913	1/29/2013	0.0068			<0.0035	U		<0.006	U		<0.006	U	
		VMP-10-20-043013	4/30/2013	<0.0072	U		<0.004	U		<0.0067	U		<0.0067	U	
	30 ft	VMP-10-30	11/13/2009	<0.005	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-10-30-041212	4/12/2012	0.12			<0.0025	U		0.0038	J		0.0013	J	
		VMP-10-30-071612	7/16/2012	<0.004	J	U	<0.0022	U		<0.0038	J	U	<0.0038	U	
		VMP-10-30-101612	10/16/2012	0.028			<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-10-30-012913	1/29/2013	0.0054	J		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-10-30-043013	4/30/2013	0.1			<0.0037	U		<0.0062	U		<0.0062	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Acetone			alpha-Chlorotoluene			Benzene			Bromodichloromethane			Bromoform		
				750000						2.8			450000			52		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-11	5 ft	VMP-11-5	11/17/2009	<0.085	U		<0.046	U		4.9			<0.06	U		<0.092	U	
		VMP-11-5-090710	9/7/2010	0.036			<0.0064	U		0.014			<0.0083	U		<0.013	U	
		VMP-11-5-112210	11/22/2010	0.015			<0.0067	U		0.00089	J		<0.0086	U		<0.013	U	
		VMP-11-5-021511	2/15/2011	0.018			<0.0059	U		0.0023	J		<0.0076	U		<0.012	U	
		VMP-11-5-040611	4/6/2011	0.02	J		<0.056	U		8.9			<0.072	U		<0.11	U	
		VMP-11-5-080711	8/7/2011	0.065	J		<0.077	U		0.1			<0.1	U		<0.15	U	
		VMP-11-5-111111	11/11/2011	0.0078	J		<0.015	U		0.016			<0.02	U		<0.03	U	
		VMP-11-5-012612	1/26/2012	0.014			<0.0045	U		0.0017	J		<0.0059	U		<0.009	U	
		VMP-11-5-041912	4/19/2012	0.042			<0.0051	U		0.061			<0.0066	U		<0.01	U	
		VMP-11-5-071912	7/16/2012	0.036			<0.0066	J	U	0.006			<0.0085	U		<0.013	U	
		VMP-11-5-101612	10/16/2012	0.028	J		<0.0073	U		0.003	J		<0.0095	U		<0.015	U	
		VMP-11-5-012913	1/29/2013	13			<0.37	U		<0.23	U		<0.48	U		<0.74	U	
		VMP-11-5-043013	4/30/2013	0.014	J		<0.0078	U		<0.0048	U		<0.01	U		<0.016	U	
	8 ft	VMP-11-8	11/17/2009	0.04			<0.006	U		0.46			<0.008	U		<0.013	U	
		VMP-11-8-090810	9/8/2010	0.017			<0.0067	U		0.024			<0.0086	U		<0.013	U	
		VMP-11-8-112210	11/22/2010	0.014			<0.0067	U		0.0017	J		<0.0086	U		<0.013	U	
		VMP-11-8-021111	2/11/2011	0.0085	J		<0.0065	U		0.03			<0.0084	U		<0.013	U	
		VMP-11-8-021111-DUP	2/11/2011	0.0066	J		<0.0061	U		0.014			<0.0079	U		<0.012	U	
		VMP-11-8-040611	4/6/2011	<0.053	U		<0.029	U		6.2			<0.037	U		<0.057	U	
		VMP-11-8-040611-DUP	4/6/2011	0.018	J		<0.025	U		5.5			<0.032	U		<0.05	U	
		VMP-11-8-080711	8/7/2011	0.057	J		<0.077	U		0.33			<0.1	U		<0.15	U	
		VMP-11-8-111411	11/14/2011	0.019			<0.0046	U		0.7			<0.0059	U		<0.0091	U	
		VMP-11-8-012612	1/26/2012	0.0075	J		<0.0044	U		0.0016	J		<0.0057	U		<0.0088	U	
		VMP-11-8-041912	4/19/2012	0.039			<0.0051	U		0.11			<0.0066	U		<0.01	U	
		VMP-11-8-072012	7/20/2012	0.025			<0.0051	U		0.0017	J		<0.0066	U		<0.01	U	
		VMP-11-8-101612	10/16/2012	0.08			<0.0074	U		0.012			<0.0096	U		<0.015	U	
		VMP-11-8-101612-Dup	10/16/2012	0.065			<0.0075	U		0.012			<0.0097	U		<0.015	U	
		VMP-11-8-012913	1/29/2013	5.9			<0.051	U		<0.031	U		<0.066	U		<0.1	U	
		VMP-11-8-050113	5/1/2013	0.015	J		<0.0073	U		<0.0045	U		<0.0095	U		<0.015	U	
	29 ft	VMP-11-29	11/18/2009	<81	U		<44	U		8600			<57	U		<88	U	
		VMP-11-29-090810	9/8/2010	<0.31	U		<0.17	U		120			<0.22	U		<0.33	U	
		VMP-11-29-112210	11/22/2010	<4.4	U		<2.4	U		460			<3.1	U		<4.8	U	
		VMP-11-29-112210-Dup	11/22/2010	<3	U		<1.6	U		440			<2.1	U		<3.3	U	
		VMP-11-29-021411	2/14/2011	0.01	J		<0.0065	U		0.0042			<0.0084	U		<0.013	U	
		VMP-11-29-040611	4/6/2011	0.023	J		<0.049	U		9.4			<0.063	U		<0.098	U	
		VMP-11-29-082511	8/25/2011	0.018			<0.0071	U		0.0039	J		<0.0092	U		<0.014	U	
		VMP-11-29-082511-Dup	8/25/2011	0.023			<0.0071	U		0.0039	J		<0.0092	U		<0.014	U	
		VMP-11-29-111411	11/14/2011	0.015			<0.0045	U		0.009			<0.0059	U		<0.009	U	
		VMP-11-29-012612	1/26/2012	0.0049	J		<0.0043	U		0.0016	J		0.0026	J		<0.0087	U	
		VMP-11-29-042712	4/27/2012	0.014	J		<0.0045	U		0.14			<0.0059	U		<0.009	U	
		VMP-11-29-072012	7/23/2012	0.11			<0.0045	J	U	0.018			0.0023	J		<0.009	U	
		VMP-11-29-101612	10/16/2012	0.027	J		<0.0077	U		0.0015	J		<0.0099	U		<0.015	U	
		VMP-11-29-012913	1/29/2013	0.04			<0.0075	U		0.049			0.028			<0.015	U	
		VMP-11-29-043013	4/30/2013	0.018	J		<0.0074	U		<0.0046	J	U	0.017			<0.015	U	
	38 ft	VMP-11-38	11/18/2009	<230	U		<130	U		31000			<160	U		<250	U	
		VMP-11-38-042312	4/23/2012	<0.62	U		<1.4	U		370			<0.44	U		<0.68	U	
		VMP-11-38-042312-Dup	4/23/2012	<2.2	U		<4.7	U		380			<1.5	U		<2.4	U	
		VMP-11-38-072312	7/23/2012	<1	U		<0.56	U		170			<0.73	U		<1.1	U	
		VMP-11-38-101612	10/16/2012	0.026	J		<0.0078	U		0.01			<0.01	U		<0.016	U	
		VMP-11-38-013013	1/30/2013	0.022	J		<0.0071	U		0.0074			0.0061	J		<0.014	U	
		VMP-11-38-043013	4/30/2013	0.0085	J		<0.0078	U		0.0027	J		<0.01	U		<0.016	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	Bromomethane			1,3-Butadiene			Butane			2-Butanone			Carbon disulfide			Carbon tetrachloride		
				42									40000			5300			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-11	5 ft	VMP-11-5	11/17/2009	<0.035	U		<0.02	U					<0.026	U		<0.028	U		<0.056	U	
		VMP-11-5-090710	9/7/2010	<0.0048	U		<0.0027	U					0.0048			0.0021	J		<0.0078	U	
		VMP-11-5-112210	11/22/2010	<0.005	U		<0.0028	U					0.0034	J		<0.004	J	U	<0.0081	U	
		VMP-11-5-021511	2/15/2011	<0.0044	U		<0.0025	U					0.0028	J		<0.0036	U		<0.0072	U	
		VMP-11-5-040611	4/6/2011	<0.042	U		<0.024	U		0.86			<0.13	U		0.0088	J		<0.068	U	
		VMP-11-5-080711	8/7/2011	<0.058	U		<0.033	U		<0.14	U		<0.18	U		<0.046	U		<0.093	U	
		VMP-11-5-111111	11/11/2011	<0.011	U		<0.0065	U		0.74			<0.035	U		<0.036	U		<0.018	U	
		VMP-11-5-012612	1/26/2012	<0.0034	U		<0.0019	U		<0.0083	U		0.0036	J		<0.011	U		<0.0055	U	
		VMP-11-5-041912	4/19/2012	<0.038	U		<0.0022	U		0.0034	J		0.047			<0.012	J	U	<0.0062	U	
		VMP-11-5-071912	7/16/2012	<0.049	U	UJ	<0.0028	U		<0.012	U		0.004	J		<0.016	J	U	<0.008	U	
		VMP-11-5-101612	10/16/2012	<0.055	U		<0.0031	U		<0.013	U		0.0038	J		<0.018	U		<0.0089	U	
		VMP-11-5-012913	1/29/2013	<2.8	U		<0.16	U		<0.68	U		<0.85	U		0.16	J		<0.45	U	
		VMP-11-5-043013	4/30/2013	<0.058	U		<0.0033	U		<0.014	U		<0.018	U		<0.019	J	U	<0.0095	U	
	8 ft	VMP-11-8	11/17/2009	<0.004	U		<0.002	U					0.0069			<0.003	U		<0.007	U	
		VMP-11-8-090810	9/8/2010	<0.005	U		<0.0028	U					0.0023	J		<0.0049		U	<0.0081	U	
		VMP-11-8-112210	11/22/2010	<0.005	U		<0.0028	U					<0.0038	U		<0.004	J	U	<0.0081	U	
		VMP-11-8-021111	2/11/2011	<0.0048	U		<0.0028	U					<0.0037	U		<0.0039	U		<0.0079	U	
		VMP-11-8-021111-DUP	2/11/2011	<0.0046	U		<0.0026	U					<0.0035	U		<0.0036	U		<0.0074	U	
		VMP-11-8-040611	4/6/2011	<0.022	U		<0.012	U		0.23			<0.065	U		<0.069	U		<0.035	U	
		VMP-11-8-040611-DUP	4/6/2011	<0.019	U		<0.011	U		0.17			<0.057	U		0.0041	J		<0.03	U	
		VMP-11-8-080711	8/7/2011	<0.058	U		<0.033	U		<0.14	U		0.028	J		<0.046	U		<0.093	U	
		VMP-11-8-111411	11/14/2011	<0.0034	U		<0.0019	U		0.042			0.0052	J		0.0037	J		<0.0055	U	
		VMP-11-8-012612	1/26/2012	<0.0033	U		<0.0019	U		<0.0081	U		0.0035	J		<0.011	U		<0.0054	U	
		VMP-11-8-041912	4/19/2012	<0.038	U		<0.0022	U		0.0042	J		0.054			<0.012	J	U	<0.0062	U	
		VMP-11-8-072012	7/20/2012	<0.038	U		<0.0022	U		<0.0093	U		<0.012	U		<0.012	U		<0.0062	U	
		VMP-11-8-101612	10/16/2012	<0.056	U		<0.0032	U		<0.014	U		0.02			<0.018	U		<0.009	U	
		VMP-11-8-101612-Dup	10/16/2012	<0.056	U		<0.0032	U		<0.014	U		0.022			<0.018	U		<0.0091	U	
		VMP-11-8-012913	1/29/2013	<0.38	U		<0.022	U		<0.094	U		<0.12	U		0.018	J		<0.062	U	
		VMP-11-8-050113	5/1/2013	<0.055	U		<0.0031	U		<0.013	U		<0.017	U		<0.018	J	U	<0.0089	U	
	29 ft	VMP-11-29	11/18/2009	<33	U		<19	U					<25	U		<26	U		<53	U	
		VMP-11-29-090810	9/8/2010	<0.12	U		<0.071	U					<0.095	U		<0.1	U		<0.2	U	
		VMP-11-29-112210	11/22/2010	<1.8	U		<1	U					<1.4	U		<1.4	U		<2.9	U	
		VMP-11-29-112210-Dup	11/22/2010	<1.2	U		<0.71	U					<0.94	U		<1	U		<2	U	
		VMP-11-29-021411	2/14/2011	<0.0048	U		<0.0028	U					<0.0037	U		<0.0039	U		<0.0079	U	
		VMP-11-29-040611	4/6/2011	<0.037	U		<0.021	U		0.26			<0.11	U		0.0075	J		<0.059	U	
		VMP-11-29-082511	8/25/2011	<0.0054	U		<0.003	U		<0.013	U		0.0069	J		<0.017	U		<0.0087	U	
		VMP-11-29-082511-Dup	8/25/2011	<0.0054	U		<0.003	U		<0.013	U		0.0062	J		<0.017	U		<0.0087	U	
		VMP-11-29-111411	11/14/2011	<0.0034	U		<0.0019	U		<0.0083	U		0.003	J		<0.011	U		<0.0055	U	
		VMP-11-29-012612	1/26/2012	<0.0033	U		<0.0018	U		<0.008	U		0.0012	J		<0.01	U		<0.0053	U	
		VMP-11-29-042712	4/27/2012	<0.034	U		<0.0019	U		<0.0083	U		0.016			<0.011	J	U	<0.0055	U	
		VMP-11-29-072012	7/23/2012	<0.034	U		<0.0019	U		0.005	J		0.021			0.009	J		<0.0055	U	
		VMP-11-29-101612	10/16/2012	<0.057	U		<0.0033	U		<0.014	U		<0.017	U		<0.018	U		<0.0093	U	
		VMP-11-29-012913	1/29/2013	<0.056	U		<0.0032	U		0.0041	J		0.0046	J		<0.018	J	U	<0.0091	U	
		VMP-11-29-043013	4/30/2013	<0.055	U		<0.0032	U		<0.014	U		<0.017	U		<0.018	J	U	<0.009	U	
	38 ft	VMP-11-38	11/18/2009	<96	U		<54	U					<73	U		<77	U		<160	U	
		VMP-11-38-042312	4/23/2012	<0.25	U		<0.14	U		0.13	J		<0.77	U		<0.2	U		<0.41	U	
		VMP-11-38-042312-Dup	4/23/2012	<0.89	U		<0.51	U		<2.2	U		<2.7	U		<0.71	U		<1.4	U	
		VMP-11-38-072312	7/23/2012	<0.42	U		<0.24	U		<1	U		<1.3	U		<0.34	U		<0.68	U	
		VMP-11-38-101612	10/16/2012	<0.058	U		<0.0033	U		0.012	J		<0.018	U		0.074			<0.0094	U	
		VMP-11-38-013013	1/30/2013	<0.054	U		<0.003	U		0.012	J		<0.016	U		<0.017	J	U	<0.0087	U	
		VMP-11-38-043013	4/30/2013	<0.058	U		<0.0033	U		<0.014	U		<0.018	U		<0.019	J	U	<0.0094	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			Cyclohexane		
				420			57000						0.92								
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-11	5 ft	VMP-11-5	11/17/2009	<0.041	U		<0.076	U		<0.024	U		<0.044	U		<0.074	U		<0.031	U	
		VMP-11-5-090710	9/7/2010	<0.0057	U		<0.01	U		<0.0032	U		0.0019	J		<0.01	U		0.0012	J	
		VMP-11-5-112210	11/22/2010	<0.0059	U		<0.011	U		<0.0034	U		0.0039	J		<0.011	U		<0.0044	U	
		VMP-11-5-021511	2/15/2011	<0.0052	U		<0.0097	U		<0.003	U		0.0025	J		<0.0094	U		0.0089		
		VMP-11-5-040611	4/6/2011	<0.05	U		<0.092	U		<0.11	U		<0.053	U		0.055	J		0.082		
		VMP-11-5-080711	8/7/2011	<0.068	U		<0.13	U		<0.16	U		<0.072	U		<0.12	U		<0.051	U	
		VMP-11-5-111111	11/11/2011	<0.014	U		<0.025	U		<0.031	U		0.006	J		<0.024	U		0.14		
		VMP-11-5-012612	1/26/2012	<0.004	U		<0.0074	U		<0.0092	U		0.01			<0.0072	U		<0.003	U	
		VMP-11-5-041912	4/19/2012	<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U		0.0013	J	
		VMP-11-5-071912	7/16/2012	<0.0058	J	U	<0.011	U		<0.013	U		<0.0062	J	U	<0.026	U		0.0032	J	
		VMP-11-5-101612	10/16/2012	<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0049	U	
		VMP-11-5-012913	1/29/2013	<0.33	U		<0.61	U		<0.76	U		<0.35	U		<1.5	U		<0.25	U	
		VMP-11-5-043013	4/30/2013	<0.0069	J	U	<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0052	U	
	8 ft	VMP-11-8	11/17/2009	<0.005	U		<0.01	U		<0.003	U		<0.006	U		<0.01	U		<0.004	U	
		VMP-11-8-090810	9/8/2010	<0.0059	U		<0.011	U		<0.0034	U		0.0014	J		<0.011	U		0.00085	J	
		VMP-11-8-112210	11/22/2010	<0.0059	U		<0.011	U		<0.0034	U		<0.0063	U		<0.011	U		<0.0044	U	
		VMP-11-8-021111	2/11/2011	<0.0058	U		<0.011	U		<0.0033	U		0.0018	J		<0.01	U		0.0013	J	
		VMP-11-8-021111-DUP	2/11/2011	<0.0054	U		<0.01	U		<0.0031	U		0.0019	J		<0.0097	U		0.001	J	
		VMP-11-8-040611	4/6/2011	<0.026	U		<0.047	U		<0.058	U		<0.027	U		<0.046	U		0.042		
		VMP-11-8-040611-DUP	4/6/2011	<0.022	U		<0.041	U		<0.051	U		0.0029	J		<0.04	U		0.047		
		VMP-11-8-080711	8/7/2011	<0.068	U		<0.13	U		<0.16	U		<0.072	U		<0.12	U		<0.051	U	
		VMP-11-8-111411	11/14/2011	<0.004	U		<0.0075	U		<0.0093	U		0.0026	J		<0.0073	U		0.0077		
		VMP-11-8-012612	1/26/2012	<0.0039	U		<0.0073	U		<0.009	U		0.0094			<0.0071	U		<0.0029	U	
		VMP-11-8-041912	4/19/2012	<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U		0.001	J	
		VMP-11-8-072012	7/20/2012	<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U		<0.0034	U	
		VMP-11-8-101612	10/16/2012	<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		0.0017	J	
		VMP-11-8-101612-Dup	10/16/2012	<0.0066	U		<0.012	U		<0.015	U		0.0042	J		<0.03	U		0.0021	J	
		VMP-11-8-012913	1/29/2013	<0.045	U		<0.084	U		<0.1	U		<0.048	U		<0.2	U		<0.034	U	
		VMP-11-8-050113	5/1/2013	<0.0065	J	U	<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0049	U	
	29 ft	VMP-11-29	11/18/2009	<39	U		<72	U		<22	U		<42	U		<70	U		<29	U	
		VMP-11-29-090810	9/8/2010	<0.15	U		<0.27	U		<0.085	U		<0.16	U		<0.27	U		0.068	J	
		VMP-11-29-112210	11/22/2010	<2.1	U		<3.9	U		<1.2	U		<2.2	U		<3.8	U		<1.6	U	
		VMP-11-29-112210-Dup	11/22/2010	<1.5	U		<2.7	U		<0.84	U		<1.6	U		<2.6	U		<1.1	U	
		VMP-11-29-021411	2/14/2011	<0.0058	U		<0.011	U		<0.0033	U		0.0069			<0.01	U		0.032		
		VMP-11-29-040611	4/6/2011	<0.044	U		<0.08	U		<0.1	U		<0.046	U		<0.078	U		0.065		
		VMP-11-29-082511	8/25/2011	<0.0064	U		<0.012	U		<0.014	U		0.013			<0.011	U		<0.0048	U	
		VMP-11-29-082511-Dup	8/25/2011	<0.0064	U		<0.012	U		<0.014	U		0.013			<0.011	U		<0.0048	U	
		VMP-11-29-111411	11/14/2011	<0.004	U		<0.0074	U		<0.0092	U		0.014			<0.0072	U		0.0014	J	
		VMP-11-29-012612	1/26/2012	<0.0039	U		<0.0072	U		<0.0089	U		0.024			<0.0069	U		<0.0029	U	
		VMP-11-29-042712	4/27/2012	<0.004	J	U	<0.0074	U		<0.0092	U		0.019			<0.018	U		0.0029	J	
		VMP-11-29-072012	7/23/2012	<0.004	U		<0.0074	U		<0.0092	U		0.019			<0.018	U		0.0067		
		VMP-11-29-101612	10/16/2012	<0.0068	U		<0.013	U		<0.016	U		0.08			<0.03	U		<0.0051	U	
		VMP-11-29-012913	1/29/2013	<0.0066	U		<0.012	U		<0.015	U		0.28			<0.03	U		<0.005	U	
		VMP-11-29-043013	4/30/2013	<0.0066	J	U	<0.012	U		<0.015	U		0.076			<0.029	U		<0.0049	U	
	38 ft	VMP-11-38	11/18/2009	<110	U		<210	U		<65	U		<120	U		<200	U		<85	U	
		VMP-11-38-042312	4/23/2012	<0.3	U		<0.56	U		<0.69	U		<0.32	U		<0.54	U		<0.22	U	
		VMP-11-38-042312-Dup	4/23/2012	<1	U		<2	U		<2.4	U		<1.1	U		<1.9	U		<0.79	U	
		VMP-11-38-072312	7/23/2012	<0.5	U		<0.92	U		<1.1	U		<0.53	U		<0.9	U		<0.37	U	
		VMP-11-38-101612	10/16/2012	<0.0069	U		<0.013	U		<0.016	U		0.028			0.0075	J		0.005		
		VMP-11-38-013013	1/30/2013	<0.0064	U		<0.012	U		<0.014	U		0.091			<0.028	U		<0.0048	U	
		VMP-11-38-043013	4/30/2013	<0.0069	J	U	<0.013	U		<0.016	U		0.036			0.0039	J		<0.0052	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane		
				0.06			1700						6800						4200		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-11	5 ft	VMP-11-5	11/17/2009	<0.069	U		<0.054	U		<0.054	U		<0.054	U		<0.044	U		<0.036	U	
		VMP-11-5-090710	9/7/2010	<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U	
		VMP-11-5-112210	11/22/2010	<0.0099	U		<0.0078	U		0.0011	J		<0.0078	U		0.0019	J		<0.0052	U	
		VMP-11-5-021511	2/15/2011	<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0029	J		<0.0046	U	
		VMP-11-5-040611	4/6/2011	<0.083	U		<0.065	U		<0.065	U		<0.065	U		<0.053	U		<0.044	U	
		VMP-11-5-080711	8/7/2011	<0.11	U		<0.089	U		<0.089	U		<0.089	U		<0.073	U		<0.06	U	
		VMP-11-5-111111	11/11/2011	<0.022	U		<0.018	U		<0.018	U		<0.018	U		<0.014	U		<0.012	U	
		VMP-11-5-012612	1/26/2012	<0.0067	U		<0.0053	U		<0.0053	U		<0.0053	U		0.0024	J		<0.0035	U	
		VMP-11-5-041912	4/19/2012	<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	J	U	0.0028	J		<0.004	U	
		VMP-11-5-071912	7/16/2012	<0.0098	U		<0.0076	U		<0.0076	J	U	<0.0076	J	U	0.0022	J		<0.0051	U	
		VMP-11-5-101612	10/16/2012	<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0022	J		<0.0057	U	
		VMP-11-5-012913	1/29/2013	<0.55	U		<0.43	U		<0.43	U		<0.43	U		<0.36	U		<0.29	U	
		VMP-11-5-043013	4/30/2013	<0.012	U		<0.009	U		<0.009	J	U	<0.009	J	U	0.0026	J		<0.0061	U	
	8 ft	VMP-11-8	11/17/2009	<0.009	U		<0.007	U		<0.007	U		<0.007	U		<0.006	U		<0.005	U	
		VMP-11-8-090810	9/8/2010	<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0038	J		<0.0052	U	
		VMP-11-8-112210	11/22/2010	<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U	
		VMP-11-8-021111	2/11/2011	<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0035	J		<0.005	U	
		VMP-11-8-021111-DUP	2/11/2011	<0.009	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0033	J		<0.0048	U	
		VMP-11-8-040611	4/6/2011	<0.043	U		<0.033	U		<0.033	U		<0.033	U		<0.027	U		<0.022	U	
		VMP-11-8-040611-DUP	4/6/2011	<0.037	U		<0.029	U		<0.029	U		<0.029	U		<0.024	U		<0.019	U	
		VMP-11-8-080711	8/7/2011	<0.11	U		<0.089	U		<0.089	U		<0.089	U		<0.073	U		<0.06	U	
		VMP-11-8-111411	11/14/2011	<0.0068	U		<0.0053	U		<0.0053	U		<0.0053	U		0.0025	J		<0.0036	U	
		VMP-11-8-012612	1/26/2012	<0.0066	U		<0.0051	U		<0.0051	U		<0.0051	U		0.0028	J		<0.0035	U	
		VMP-11-8-041912	4/19/2012	<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	J	U	0.0028	J		<0.004	U	
		VMP-11-8-072012	7/20/2012	<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	U		0.0027	J		<0.004	U	
		VMP-11-8-101612	10/16/2012	<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0028	J		<0.0058	U	
		VMP-11-8-101612-Dup	10/16/2012	<0.011	U		<0.0087	U		<0.0087	U		<0.0087	J	U	0.0022	J		<0.0058	U	
		VMP-11-8-012913	1/29/2013	<0.076	U		<0.059	U		<0.059	U		<0.059	U		<0.049	U		<0.04	U	
		VMP-11-8-050113	5/1/2013	<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0027	J		<0.0057	U	
	29 ft	VMP-11-29	11/18/2009	<65	U		<51	U		<51	U		<51	U		<42	U		<34	U	
		VMP-11-29-090810	9/8/2010	<0.25	U		<0.19	U		<0.19	U		<0.19	U		<0.16	U		<0.13	U	
		VMP-11-29-112210	11/22/2010	<3.5	U		<2.8	U		<2.8	U		<2.8	U		<2.3	U		<1.9	U	
		VMP-11-29-112210-Dup	11/22/2010	<2.5	U		<1.9	U		<1.9	U		<1.9	U		<1.6	U		<1.3	U	
		VMP-11-29-021411	2/14/2011	<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0041	J		<0.005	U	
		VMP-11-29-040611	4/6/2011	<0.073	U		<0.057	U		<0.057	U		<0.057	U		<0.047	U		<0.038	U	
		VMP-11-29-082511	8/25/2011	<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U	
		VMP-11-29-082511-Dup	8/25/2011	<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U	
		VMP-11-29-111411	11/14/2011	<0.0067	U		<0.0053	U		<0.0053	U		<0.0053	U		0.0019	J		<0.0035	U	
		VMP-11-29-012612	1/26/2012	<0.0064	U		<0.005	U		<0.005	U		<0.005	U		0.0025	J		<0.0034	U	
		VMP-11-29-042712	4/27/2012	<0.0067	U		<0.0053	U		<0.0053	U		<0.0053	J	U	0.0022	J		<0.0035	U	
		VMP-11-29-072012	7/23/2012	<0.0067	U		<0.0053	U		<0.0053	U		<0.0053	U		0.0024	J		<0.0035	U	
		VMP-11-29-101612	10/16/2012	<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0024	J		<0.006	U	
		VMP-11-29-012913	1/29/2013	<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.003	J		<0.0058	U	
		VMP-11-29-043013	4/30/2013	<0.011	U		<0.0086	U		<0.0086	U		<0.0086	J	U	0.0032	J		<0.0058	U	
	38 ft	VMP-11-38	11/18/2009	<190	U		<150	U		<150	U		<150	U		<120	U		<100	U	
		VMP-11-38-042312	4/23/2012	<0.5	U		<0.39	U		<0.39	U		<0.39	U		<0.32	U		<0.26	U	
		VMP-11-38-042312-Dup	4/23/2012	<1.8	U		<1.4	U		<1.4	U		<1.4	U		<1.1	U		<0.93	U	
		VMP-11-38-072312	7/23/2012	<0.83	U		<0.65	U		<0.65	U		<0.65	U		<0.54	U		<0.44	U	
		VMP-11-38-101612	10/16/2012	<0.012	U		<0.009	U		<0.009	U		<0.009	J	U	0.0026	J		<0.0061	U	
		VMP-11-38-013013	1/30/2013	<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0028	J		<0.0056	U	
		VMP-11-38-043013	4/30/2013	<0.012	U		<0.009	U		<0.009	U		<0.009	J	U	0.0027	J		<0.0061	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	1,2-Dichloroethane			1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene			1,2-Dichloropropane		
				0.81			1600			1100000			510			45			0.46		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-11	5 ft	VMP-11-5	11/17/2009	<0.036	U		<0.035	U		<0.035	U		<0.035	U		<0.031	U		<0.041	U	
		VMP-11-5-090710	9/7/2010	<0.005	U		<0.0049	U		<0.0049	U		<0.0049	U		<0.0043	U		<0.0057	U	
		VMP-11-5-112210	11/22/2010	<0.0052	U		<0.0051	U		<0.0051	U		<0.0051	U		<0.0045	U		<0.006	U	
		VMP-11-5-021511	2/15/2011	<0.0046	U		<0.0045	U		<0.0045	U		<0.0045	U		0.0011	J		<0.0053	U	
		VMP-11-5-040611	4/6/2011	<0.044	U		<0.043	U		<0.043	U		<0.043	U		0.0086	J		<0.05	U	
		VMP-11-5-080711	8/7/2011	<0.06	U		<0.059	U		<0.059	U		<0.059	U		<0.052	U		<0.069	U	
		VMP-11-5-111111	11/11/2011	<0.012	U		<0.012	U		<0.012	U		<0.012	U		<0.01	J	U	<0.014	U	
		VMP-11-5-012612	1/26/2012	<0.0035	U		<0.0035	U		<0.0035	U		<0.0035	U		0.0072			<0.004	U	
		VMP-11-5-041912	4/19/2012	0.00084	J		<0.0039	U		<0.0039	U		<0.0039	U		<0.034	J	U	<0.0045	U	
		VMP-11-5-071912	7/16/2012	<0.0051	J	U	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0059	U	
		VMP-11-5-101612	10/16/2012	<0.0057	U		<0.0056	U		<0.0056	U		<0.0056	U		0.0082	J		<0.0065	U	
		VMP-11-5-012913	1/29/2013	<0.29	U		<0.28	U		<0.28	U		<0.28	U		0.31	J		<0.33	U	
		VMP-11-5-043013	4/30/2013	<0.0061	U		<0.006	U		<0.006	U		<0.006	U		<0.052	J	U	<0.007	U	
	8 ft	VMP-11-8	11/17/2009	<0.005	U		<0.004	U		<0.004	U		<0.004	U		<0.004	U		<0.005	U	
		VMP-11-8-090810	9/8/2010	<0.0052	U		<0.0051	U		<0.0051	U		<0.0051	U		0.047			<0.006	U	
		VMP-11-8-112210	11/22/2010	<0.0052	U		<0.0051	U		<0.0051	U		<0.0051	U		<0.0045	U		<0.006	U	
		VMP-11-8-021111	2/11/2011	<0.005	U		<0.005	U		<0.005	U		<0.005	U		<0.0043	U		<0.0058	U	
		VMP-11-8-021111-DUP	2/11/2011	<0.0048	U		<0.0046	U		<0.0046	U		<0.0046	U		<0.0041	U		<0.0054	U	
		VMP-11-8-040611	4/6/2011	<0.022	U		<0.022	U		<0.022	U		<0.022	U		<0.019	U		<0.026	U	
		VMP-11-8-040611-DUP	4/6/2011	<0.019	U		<0.019	U		<0.019	U		<0.019	U		0.0027	J		<0.022	U	
		VMP-11-8-080711	8/7/2011	<0.06	U		<0.059	U		<0.059	U		<0.059	U		<0.052	U		<0.069	U	
		VMP-11-8-111411	11/14/2011	<0.0036	U		<0.0035	U		0.0011	J		<0.0035	U		<0.003	J	U	<0.0041	U	
		VMP-11-8-012612	1/26/2012	<0.0035	U		<0.0034	U		<0.0034	U		<0.0034	U		0.0029	J		<0.004	U	
		VMP-11-8-041912	4/19/2012	<0.004	U		<0.0039	U		<0.0039	U		<0.0039	U		<0.034	J	U	<0.0045	U	
		VMP-11-8-072012	7/20/2012	<0.004	U		<0.0039	U		<0.0039	U		<0.0039	U		0.0047	J		<0.0045	U	
		VMP-11-8-101612	10/16/2012	<0.0058	U		<0.0057	U		<0.0057	U		<0.0057	U		0.0093	J		<0.0066	U	
		VMP-11-8-101612-Dup	10/16/2012	<0.0058	U		<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U	
		VMP-11-8-012913	1/29/2013	<0.04	U		<0.039	U		<0.039	U		<0.039	U		<0.34	U		<0.046	U	
		VMP-11-8-050113	5/1/2013	<0.0057	U		<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U	
	29 ft	VMP-11-29	11/18/2009	<34	U		<34	U		<34	U		<34	U		<30	U		<39	U	
		VMP-11-29-090810	9/8/2010	<0.13	U		<0.13	U		<0.13	U		<0.13	U		<0.11	U		<0.15	U	
		VMP-11-29-112210	11/22/2010	<1.9	U		<1.8	U		<1.8	U		<1.8	U		<1.6	U		<2.1	U	
		VMP-11-29-112210-Dup	11/22/2010	<1.3	U		<1.3	U		<1.3	U		<1.3	U		<1.1	U		<1.5	U	
		VMP-11-29-021411	2/14/2011	<0.005	U		<0.005	U		<0.005	U		<0.005	U		<0.0043	U		<0.0058	U	
		VMP-11-29-040611	4/6/2011	<0.038	U		<0.037	U		<0.037	U		<0.037	U		<0.033	U		<0.044	U	
		VMP-11-29-082511	8/25/2011	<0.0056	U		<0.0055	U		<0.0055	U		<0.0055	U		0.0021	J		<0.0064	U	
		VMP-11-29-082511-Dup	8/25/2011	<0.0056	U		<0.0055	U		<0.0055	U		<0.0055	U		<0.0048	J	U	<0.0064	U	
		VMP-11-29-111411	11/14/2011	<0.0035	U		<0.0035	U		<0.0035	U		<0.0035	U		<0.003	J	U	<0.004	U	
		VMP-11-29-012612	1/26/2012	<0.0034	U		<0.0033	U		<0.0033	U		<0.0033	U		<0.0029	U		<0.0039	U	
		VMP-11-29-042712	4/27/2012	<0.0035	U		<0.0035	U		<0.0035	U		<0.0035	U		0.0021	J		<0.004	U	
		VMP-11-29-072012	7/23/2012	<0.0035	U		<0.0035	U		<0.0035	U		<0.0035	U		0.002	J		<0.004	U	
		VMP-11-29-101612	10/16/2012	<0.006	U		<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U	
		VMP-11-29-012913	1/29/2013	<0.0058	U		<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U	
		VMP-11-29-043013	4/30/2013	<0.0058	U		<0.0056	U		<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U	
	38 ft	VMP-11-38	11/18/2009	<100	U		<98	U		<98	U		<98	U		<86	U		<110	U	
		VMP-11-38-042312	4/23/2012	<0.26	U		<0.26	U		<0.26	U		<0.26	U		<0.23	U		<0.3	U	
		VMP-11-38-042312-Dup	4/23/2012	<0.93	U		<0.91	U		<0.91	U		<0.91	U		<0.8	U		<1	U	
		VMP-11-38-072312	7/23/2012	<0.44	U		<0.43	U		<0.43	U		<0.43	U		<0.38	U		<0.5	U	
		VMP-11-38-101612	10/16/2012	<0.0061	U		<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U	
		VMP-11-38-013013	1/30/2013	<0.0056	U		<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U	
		VMP-11-38-043013	4/30/2013	<0.0061	U		<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene		
				6.2			6.2			2.3						8300					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-11	5 ft	VMP-11-5	11/17/2009	<0.041	U		<0.041	U		<0.13	U		<0.067	U		<0.039	U		<0.044	U	
		VMP-11-5-090710	9/7/2010	<0.0056	U		<0.0056	U		<0.018	U		0.0099			0.0019	J		<0.0061	U	
		VMP-11-5-112210	11/22/2010	<0.0058	U		<0.0058	U		<0.018	U		0.011			0.0021	J		<0.0063	U	
		VMP-11-5-021511	2/15/2011	<0.0052	U		<0.0052	U		<0.016	U		0.017			0.0055			<0.0056	J	U
		VMP-11-5-040611	4/6/2011	<0.049	U		<0.049	U		<0.16	U		<0.081	U		<0.047	U		<0.053	U	
		VMP-11-5-080711	8/7/2011	<0.067	U		<0.067	U		<0.21	U		0.046	J		<0.064	U		<0.073	U	
		VMP-11-5-111111	11/11/2011	<0.013	U		<0.013	U		<0.042	U		<0.022	U		<0.013	U		<0.014	U	
		VMP-11-5-012612	1/26/2012	<0.004	U		<0.004	U		<0.013	U		0.022			0.00096	J		<0.0043	U	
		VMP-11-5-041912	4/19/2012	<0.0044	U		<0.0044	U		<0.014	U		0.037		J	0.0034	J		<0.0048	U	
		VMP-11-5-071912	7/16/2012	<0.0058	U		<0.0058	U		<0.018	U		0.006	J		<0.0055	U		<0.0062	U	
		VMP-11-5-101612	10/16/2012	<0.0064	U		<0.0064	U		<0.02	U		0.012			<0.0061	U		<0.007	U	
		VMP-11-5-012913	1/29/2013	<0.33	U		<0.33	U		<1	U		<0.54	U		<0.31	U		<0.35	U	
		VMP-11-5-043013	4/30/2013	<0.0068	U		<0.0068	U		<0.022	U		<0.011	J	U	<0.0065	U		<0.0074	U	
	8 ft	VMP-11-8	11/17/2009	<0.005	U		<0.005	U		<0.018	U		0.14		J	<0.005	U		<0.006	U	
		VMP-11-8-090810	9/8/2010	<0.0058	U		<0.0058	U		<0.018	U		0.013			<0.0056	U		<0.0063	U	
		VMP-11-8-112210	11/22/2010	<0.0058	U		<0.0058	U		<0.018	U		0.0056	J		0.0016	J		<0.0063	U	
		VMP-11-8-021111	2/11/2011	<0.0057	U		<0.0057	U		<0.018	U		0.036			<0.0054	U		<0.0061	U	
		VMP-11-8-021111-DUP	2/11/2011	<0.0053	U		<0.0053	U		<0.017	U		0.016			<0.0051	U		<0.0058	U	
		VMP-11-8-040611	4/6/2011	<0.025	U		<0.025	U		<0.08	U		<0.042	U		<0.024	U		<0.027	U	
		VMP-11-8-040611-DUP	4/6/2011	<0.022	U		<0.022	U		<0.069	U		<0.036	U		<0.021	U		<0.024	U	
		VMP-11-8-080711	8/7/2011	<0.067	U		<0.067	U		<0.21	U		0.14			<0.064	U		<0.073	U	
		VMP-11-8-111411	11/14/2011	<0.004	U		<0.004	U		<0.013	U		0.043			0.0013	J		0.00086	J	
		VMP-11-8-012612	1/26/2012	<0.0039	U		<0.0039	U		<0.012	U		0.019			<0.0037	U		<0.0042	U	
		VMP-11-8-041912	4/19/2012	<0.0044	U		<0.0044	U		<0.014	U		0.052		J	0.0024	J		<0.0048	U	
		VMP-11-8-072012	7/20/2012	<0.0044	U		<0.0044	U		<0.014	U		0.025			<0.0042	U		<0.0048	U	
		VMP-11-8-101612	10/16/2012	<0.0065	U		<0.0065	U		<0.021	U		0.047			<0.0062	U		<0.007	U	
		VMP-11-8-101612-Dup	10/16/2012	<0.0066	U		<0.0066	U		<0.021	U		0.041			<0.0063	U		<0.0071	U	
		VMP-11-8-012913	1/29/2013	<0.045	U		<0.045	U		<0.14	U		<0.074	U		<0.043	U		<0.048	U	
		VMP-11-8-050113	5/1/2013	<0.0064	U		<0.0064	U		<0.02	U		0.0065	J		<0.0061	U		<0.007	U	
	29 ft	VMP-11-29	11/18/2009	<38	U		<38	U		<120	U		<64	U		<37	U		<42	U	
		VMP-11-29-090810	9/8/2010	<0.15	U		<0.15	U		<0.46	U		<0.24	U		0.033	J		0.26		
		VMP-11-29-112210	11/22/2010	<2.1	U		<2.1	U		<6.6	U		<3.5	U		<2	U		<2.3	U	
		VMP-11-29-112210-Dup	11/22/2010	<1.4	U		<1.4	U		<4.6	U		<2.4	U		<1.4	U		<1.6	U	
		VMP-11-29-021411	2/14/2011	<0.0057	U		<0.0057	U		<0.018	U		0.018			0.0015	J		<0.0061	J	U
		VMP-11-29-040611	4/6/2011	<0.043	U		<0.043	U		<0.14	U		<0.071	U		<0.041	U		<0.046	U	
		VMP-11-29-082511	8/25/2011	<0.0063	U		<0.0063	U		<0.02	U		0.013			0.0014	J		0.0017	J	J
		VMP-11-29-082511-Dup	8/25/2011	<0.0063	U		<0.0063	U		<0.02	U		0.016			0.0012	J		0.0018	J	J
		VMP-11-29-111411	11/14/2011	<0.004	U		<0.004	U		<0.013	U		0.026			0.00086	J		<0.0043	U	
		VMP-11-29-012612	1/26/2012	<0.0038	U		<0.0038	U		<0.012	U		0.031			<0.0036	U		<0.0041	U	
		VMP-11-29-042712	4/27/2012	<0.004	U		<0.004	U		<0.013	U		0.018			0.002	J		<0.0043	U	
		VMP-11-29-072012	7/23/2012	<0.004	U		<0.004	U		<0.013	U		0.1			0.01			0.0017	J	
		VMP-11-29-101612	10/16/2012	<0.0067	U		<0.0067	U		<0.021	U		0.0051	J		<0.0064	U		<0.0073	U	
		VMP-11-29-012913	1/29/2013	<0.0066	U		<0.0066	U		<0.021	U		0.028			<0.0063	U		<0.0071	U	
		VMP-11-29-043013	4/30/2013	<0.0065	U		<0.0065	J	U	<0.02	U		<0.011	J	U	0.0028	J		<0.007	J	U
	38 ft	VMP-11-38	11/18/2009	<110	U		<110	U		<360	U		<180	U		<110	U		<120	U	
		VMP-11-38-042312	4/23/2012	<0.3	U		<0.3	U		<0.94	U		<0.49	U		0.031	J		<0.32	U	
		VMP-11-38-042312-Dup	4/23/2012	<1	U		<1	U		<3.3	U		<1.7	U		<0.99	U		<1.1	U	
		VMP-11-38-072312	7/23/2012	<0.49	U		<0.49	U		<1.6	U		<0.82	U		<0.47	U		<0.53	U	
		VMP-11-38-101612	10/16/2012	<0.0068	U		<0.0068	U		<0.022	U		0.005	J		<0.0065	U		<0.0074	U	
		VMP-11-38-013013	1/30/2013	<0.0063	U		<0.0063	U		<0.02	U		0.008	J		<0.006	U		<0.0068	U	
		VMP-11-38-043013	4/30/2013	<0.0068	U		<0.0068	U		<0.022	U		<0.011	J	U	<0.0065	U		<0.0074	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-11	5 ft	VMP-11-5	11/17/2009	<0.068	U		<0.062	U		<0.037	U		<0.38	U		<0.032	U		<0.15	U	
		VMP-11-5-090710	9/7/2010	<0.0095	U		<0.0086	U		0.001	J		<0.053	U		<0.0044	U		<0.02	U	
		VMP-11-5-112210	11/22/2010	<0.0099	U		<0.009	U		0.0013	J		<0.055	U		0.0018	J		<0.021	U	
		VMP-11-5-021511	2/15/2011	<0.0087	U		<0.008	U		0.018			<0.049	U		0.028			<0.019	U	
		VMP-11-5-040611	4/6/2011	<0.083	U		<0.076	U		0.042	J		<0.46	U		0.28			<0.18	U	
		VMP-11-5-080711	8/7/2011	<0.11	U		<0.1	U		<0.061	U		<0.63	U		<0.052	U		<0.24	U	
		VMP-11-5-111111	11/11/2011	<0.022	U		<0.02	U		0.084			<0.12	U		0.25			<0.048	U	
		VMP-11-5-012612	1/26/2012	<0.0067	U		<0.0061	U		<0.0036	U		<0.037	U		<0.0031	U		<0.014	U	
		VMP-11-5-041912	4/19/2012	<0.0075	U		<0.0068	U		0.0062			<0.042	U		0.0037			<0.016	U	
		VMP-11-5-071912	7/16/2012	<0.0097	U		<0.0089	U		<0.0052	J	U	<0.054	U		<0.0045	J	U	<0.021	U	
		VMP-11-5-101612	10/16/2012	<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U		<0.023	U	
		VMP-11-5-012913	1/29/2013	<0.55	U		<0.5	U		0.23	J		<3.1	U		0.12	J		<1.2	U	
		VMP-11-5-043013	4/30/2013	<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U		<0.025	U	
	8 ft	VMP-11-8	11/17/2009	<0.009	U		<0.008	U		<0.005	U		<0.053	U		<0.004	U		<0.02	U	
		VMP-11-8-090810	9/8/2010	<0.0099	U		<0.009	U		0.0016	J		<0.055	U		0.0034	J		<0.021	U	
		VMP-11-8-112210	11/22/2010	<0.0099	U		<0.009	U		0.00074	J		<0.055	U		<0.0045	U		<0.021	U	
		VMP-11-8-021111	2/11/2011	<0.0096	U		<0.0087	U		0.0033	J		<0.053	U		0.003	J		<0.02	U	
		VMP-11-8-021111-DUP	2/11/2011	<0.009	U		<0.0082	U		0.0017	J		<0.05	U		0.0016	J		<0.019	U	
		VMP-11-8-040611	4/6/2011	<0.042	U		<0.039	U		0.035			<0.24	U		<0.02	U	UJ	<0.091	U	
		VMP-11-8-040611-DUP	4/6/2011	<0.037	U		<0.034	U		0.025			<0.2	U		0.12		J	<0.079	U	
		VMP-11-8-080711	8/7/2011	<0.11	U		<0.1	U		<0.061	U		<0.63	U		<0.052	U		<0.24	U	
		VMP-11-8-111411	11/14/2011	<0.0067	U		<0.0062	U		0.005			<0.038	U		0.016			<0.014	U	
		VMP-11-8-012612	1/26/2012	<0.0066	U		<0.006	U		<0.0035	U		<0.036	U		<0.003	U		<0.014	U	
		VMP-11-8-041912	4/19/2012	<0.0075	U		<0.0068	U		0.0019	J		<0.042	U		0.0025	J		<0.016	U	
		VMP-11-8-072012	7/20/2012	<0.0075	U		<0.0068	U		<0.004	U		<0.042	U		<0.0034	U		0.00028	J	
		VMP-11-8-101612	10/16/2012	<0.011	U		<0.01	U		<0.0059	U		<0.061	U		0.0032	J		<0.023	U	
		VMP-11-8-101612-Dup	10/16/2012	<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0027	J		<0.024	U	
		VMP-11-8-012913	1/29/2013	<0.075	U		<0.069	U		<0.04	U		<0.42	U		<0.035	U		<0.16	U	
		VMP-11-8-050113	5/1/2013	<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U		<0.023	U	
	29 ft	VMP-11-29	11/18/2009	<65	U		<59	U		<35	U		<360	U		<30	U		<140	U	
		VMP-11-29-090810	9/8/2010	<0.25	U		<0.22	U		<0.13	U		<1.4	U		0.1	J		<0.53	U	
		VMP-11-29-112210	11/22/2010	<3.5	U		<3.2	U		<1.9	U		<20	U		<1.6	U		<7.5	U	
		VMP-11-29-112210-Dup	11/22/2010	<2.4	U		<2.2	U		<1.3	U		<14	U		<1.1	U		<5.2	U	
		VMP-11-29-021411	2/14/2011	<0.0096	U		<0.0087	U		0.0062			<0.053	U		0.042			<0.02	U	
		VMP-11-29-040611	4/6/2011	<0.072	U		<0.066	U		0.052			<0.4	U		0.25			<0.15	U	
		VMP-11-29-082511	8/25/2011	<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.002	J		0.00092	J	
		VMP-11-29-082511-Dup	8/25/2011	<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0032	J		0.00098	J	
		VMP-11-29-111411	11/14/2011	<0.0067	U		<0.0061	U		0.0029	J		<0.037	U		0.0023	J		<0.014	U	
		VMP-11-29-012612	1/26/2012	<0.0064	U		<0.0059	U		<0.0034	U		<0.036	U		<0.003	U		<0.014	U	
		VMP-11-29-042712	4/27/2012	<0.0067	U		<0.0061	U		0.0026	J		<0.037	U		0.0037			<0.014	U	
		VMP-11-29-072012	7/23/2012	<0.0067	U		<0.0061	U		0.038			<0.037	U		0.0095			0.0026	J	
		VMP-11-29-101612	10/16/2012	<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U		<0.024	U	
		VMP-11-29-012913	1/29/2013	<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0012	J		<0.024	U	
		VMP-11-29-043013	4/30/2013	<0.011	U		<0.01	U		<0.0058	U		<0.061	U		<0.005	U		<0.023	U	
	38 ft	VMP-11-38	11/18/2009	<190	U		<170	U		<100	U		<1000	U		<87	U		<400	U	
		VMP-11-38-042312	4/23/2012	<0.5	U		<0.46	U		<0.27	U		<2.8	U		<0.23	U		<1.1	U	
		VMP-11-38-042312-Dup	4/23/2012	<1.8	U		<1.6	U		<0.94	U		<9.8	U		<0.81	U		<3.8	U	
		VMP-11-38-072312	7/23/2012	<0.83	U		<0.76	U		<0.44	U		<4.6	U		<0.38	U		<1.8	U	
		VMP-11-38-101612	10/16/2012	<0.011	U		<0.01	U		<0.0061	U		<0.064	U		0.0023	J		<0.024	U	
		VMP-11-38-013013	1/30/2013	<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0013	J		<0.023	U	
		VMP-11-38-043013	4/30/2013	<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0053	U		<0.024	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	Isopentane			Isopropylbenzene (Cumene) 3500			4-Methyl-2-pentanone (Methyl			Methyl tert-Butyl Ether (MTBE) 23000			2-Propanol			n-Propylbenzene		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-11	5 ft	VMP-11-5	11/17/2009				<0.044	U		<0.037	U		<0.032	U		<0.088	U		<0.044	U	
		VMP-11-5-090710	9/7/2010				<0.0061	U		0.00085	J		<0.0044	U		<0.013		U	0.00087	J	
		VMP-11-5-112210	11/22/2010				<0.0063	U		<0.0053	U		<0.0046	U		0.078			<0.0063	U	
		VMP-11-5-021511	2/15/2011				<0.0056	U		0.0015	J		<0.0041	U		0.0096	J		<0.0056	J	U
		VMP-11-5-040611	4/6/2011	1.1			<0.053	U		<0.044	U		<0.039	U		<0.11	U		<0.053	U	
		VMP-11-5-080711	8/7/2011	0.019	J		0.06	J		0.16			<0.054	U		0.068	J		<0.073	U	
		VMP-11-5-111111	11/11/2011	1.4			0.0024	J		0.024			<0.01	U		<0.029	U		<0.014	U	
		VMP-11-5-012612	1/26/2012	<0.01	U		0.0052			0.017			<0.0032	U		0.012			<0.0043	U	
		VMP-11-5-041912	4/19/2012	<0.012	J	U	0.059			0.34			<0.0035	U		0.062			0.0022	J	
		VMP-11-5-071912	7/16/2012	0.0076	J		<0.0062	U		<0.0052	U		<0.0046	U		0.012	J		<0.0062	U	
		VMP-11-5-101612	10/16/2012	0.019			<0.007	U		<0.0058	U		<0.0051	U		0.047			<0.007	U	
		VMP-11-5-012913	1/29/2013	0.29	J		<0.35	U		<0.29	U		<0.26	U		36			<0.35	U	
		VMP-11-5-043013	4/30/2013	0.006	J		<0.0074	U		<0.0062	U		<0.0054	U		<0.015	U		<0.0074	J	U
	8 ft	VMP-11-8	11/17/2009				<0.006	U		<0.005	U		<0.004	U		0.032			<0.006	U	
		VMP-11-8-090810	9/8/2010				<0.0063	U		<0.0053	U		<0.0046	U		<0.013	J	U	<0.0063	U	
		VMP-11-8-112210	11/22/2010				<0.0063	U		<0.0053	U		<0.0046	U		0.033			<0.0063	U	
		VMP-11-8-021111	2/11/2011				<0.0061	U		<0.0051	U		<0.0045	U		0.0044	J		<0.0061	U	
		VMP-11-8-021111-DUP	2/11/2011				<0.0058	U		<0.0048	U		<0.0042	U		0.0062	J		<0.0058	U	
		VMP-11-8-040611	4/6/2011	0.38			<0.027	U		<0.023	U		<0.02	U		<0.054	U		<0.027	U	
		VMP-11-8-040611-DUP	4/6/2011	0.29			<0.024	U		<0.02	U		<0.017	U		<0.047	U		<0.024	U	
		VMP-11-8-080711	8/7/2011	<0.18	U		0.046	J		0.14			<0.054	U		0.11	J		<0.073	U	
		VMP-11-8-111411	11/14/2011	0.078			0.0044			0.038			<0.0032	U		0.049			<0.0043	U	
		VMP-11-8-012612	1/26/2012	<0.01	U		0.0048			0.021			<0.0031	U		0.0092			<0.0042	U	
		VMP-11-8-041912	4/19/2012	<0.012	J	U	0.048			0.34			<0.0035	U		0.068			0.00058	J	
		VMP-11-8-072012	7/20/2012	<0.012	U		<0.0048	U		<0.004	U		<0.0035	U		0.0062	J		<0.0048	U	
		VMP-11-8-101612	10/16/2012	0.015	J		<0.007	U		0.0012	J		<0.0052	U		0.97			<0.007	U	
		VMP-11-8-101612-Dup	10/16/2012	0.0033	J		<0.0071	U		<0.0059	U		<0.0052	U		1			<0.0071	U	
		VMP-11-8-012913	1/29/2013	<0.12	U		<0.048	U		<0.04	U		<0.036	U		0.71			<0.048	U	
		VMP-11-8-050113	5/1/2013	<0.017	U		<0.007	U		<0.0058	U		<0.0051	U		<0.014	U		<0.007	U	
	29 ft	VMP-11-29	11/18/2009				<42	U		<35	U		<31	U		<84	U		<42	U	
		VMP-11-29-090810	9/8/2010				<0.16	U		<0.13	U		0.053	J		<0.32	U		0.059	J	
		VMP-11-29-112210	11/22/2010				<2.3	U		<1.9	U		<1.6	U		<4.5	U		<2.3	U	
		VMP-11-29-112210-Dup	11/22/2010				<1.6	U		<1.3	U		<1.2	U		<3.2	U		<1.6	U	
		VMP-11-29-021411	2/14/2011				<0.0061	U		0.0013	J		0.0011	J		0.023			<0.0061	U	
		VMP-11-29-040611	4/6/2011	0.44			<0.046	U		<0.039	U		0.0031	J		<0.093	U		<0.046	U	
		VMP-11-29-082511	8/25/2011	0.004	J		0.0088			0.056			0.0012	J		0.033			<0.0068	U	
		VMP-11-29-082511-Dup	8/25/2011	0.004	J		0.0086			0.052			0.00088	J		0.034			<0.0068	U	
		VMP-11-29-111411	11/14/2011	0.0049	J		0.0054			0.04			0.0037			0.018			<0.0043	U	
		VMP-11-29-012612	1/26/2012	0.0062	J		0.0043			0.012			0.0087			0.0035	J		<0.0041	U	
		VMP-11-29-042712	4/27/2012	0.0072	J		0.0092			0.098			0.00091	J		0.029			<0.0043	U	
		VMP-11-29-072012	7/23/2012	<0.01	U		0.063			0.21			<0.0032	U		0.076			0.0011	J	
		VMP-11-29-101612	10/16/2012	<0.017	U		<0.0073	U		<0.0061	U		0.00079	J		0.018			<0.0073	U	
		VMP-11-29-012913	1/29/2013	0.0087	J		<0.0071	U		<0.0059	U		<0.0052	U		0.17			<0.0071	U	
		VMP-11-29-043013	4/30/2013	0.02			<0.007	J	U	<0.0058	U		<0.0051	U		<0.014	U		<0.007	J	U
	38 ft	VMP-11-38	11/18/2009				<120	U		<100	U		<89	U		<240	U		<120	U	
		VMP-11-38-042312	4/23/2012	0.45	J		<0.32	U		<0.27	U		0.11	J		<0.64	U		<0.32	U	
		VMP-11-38-042312-Dup	4/23/2012	0.49	J		<1.1	U		<0.94	U		0.098	J		<2.2	U		<1.1	U	
		VMP-11-38-072312	7/23/2012	0.48	J		<0.53	U		<0.44	U		<0.39	U		<1.1	U		<0.53	U	
		VMP-11-38-101612	10/16/2012	0.032			<0.0074	U		<0.0061	U		0.011			0.015			<0.0074	U	
		VMP-11-38-013013	1/30/2013	0.019			<0.0068	U		<0.0056	U		0.0079			0.025			<0.0068	U	
		VMP-11-38-043013	4/30/2013	0.008	J		<0.0074	U		<0.0061	U		0.036			<0.015	U		<0.0074	J	U

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
				8500						4						40000			50		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-11	5 ft	VMP-11-5	11/17/2009	<0.038	U		<0.061	U		<0.061	U		<0.026	U		<0.034	U		<0.26	U	
		VMP-11-5-090710	9/7/2010	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.003	J		<0.037	U	
		VMP-11-5-112210	11/22/2010	0.006			<0.0088	U		<0.0088	U		<0.0038	U		0.0024	J		<0.038	U	
		VMP-11-5-021511	2/15/2011	<0.0048	U		<0.0078	U		<0.0077	U		<0.0034	U		0.0069			<0.034	U	
		VMP-11-5-040611	4/6/2011	<0.046	U		<0.074	U		<0.073	U		<0.032	U		0.0087	J		<0.32	U	
		VMP-11-5-080711	8/7/2011	<0.063	U		<0.1	U		<0.1	U		<0.044	U		0.021	J		<0.44	U	
		VMP-11-5-111111	11/11/2011	<0.012	U		<0.02	U		<0.02	U		<0.0086	U		0.01	J		<0.087	U	
		VMP-11-5-012612	1/26/2012	<0.0037	U		<0.006	U		<0.0059	U		<0.0026	U		0.0054			<0.026	U	
		VMP-11-5-041912	4/19/2012	0.0016	J		<0.0067	U		0.0047	J		0.0088			0.036			<0.029	U	
		VMP-11-5-071912	7/16/2012	<0.0054	U		<0.0087	J	U	<0.0086	U		0.0038			0.0037	J		<0.038	U	
		VMP-11-5-101612	10/16/2012	<0.006	U		<0.0097	U		<0.0096	U		0.0033	J		0.0036	J		<0.042	U	
		VMP-11-5-012913	1/29/2013	0.058	J		<0.49	U		1			<0.21	U		0.1	J		<2.1	U	
		VMP-11-5-043013	4/30/2013	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	U		<0.045	U	
	8 ft	VMP-11-8	11/17/2009	<0.005	U		<0.008	U		<0.008	U		<0.003	U		<0.004	U		<0.037	U	
		VMP-11-8-090810	9/8/2010	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0025	J		<0.038	U	
		VMP-11-8-112210	11/22/2010	0.0035	J		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	J	U	<0.038	U	
		VMP-11-8-021111	2/11/2011	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U	
		VMP-11-8-021111-DUP	2/11/2011	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U	
		VMP-11-8-040611	4/6/2011	<0.024	U		<0.038	U		<0.038	U		<0.016	U		<0.021	U		<0.16	U	
		VMP-11-8-040611-DUP	4/6/2011	<0.02	U		<0.033	U		<0.033	U		<0.014	U		0.0034	J		<0.14	U	
		VMP-11-8-080711	8/7/2011	<0.063	U		<0.1	U		<0.1	U		<0.044	U		0.019	J		<0.44	U	
		VMP-11-8-111411	11/14/2011	<0.0037	U		<0.006	U		0.0038	J		0.0011	J		0.013			<0.026	U	
		VMP-11-8-012612	1/26/2012	<0.0036	U		<0.0059	U		<0.0058	U		<0.0025	U		0.0045			<0.025	U	
		VMP-11-8-041912	4/19/2012	0.0014	J		<0.0067	U		0.006	J		0.0086			0.034			<0.029	U	
		VMP-11-8-072012	7/20/2012	<0.0042	U		<0.0067	U		<0.0066	U		0.0022	J		<0.0037	U		<0.029	U	
		VMP-11-8-101612	10/16/2012	<0.0061	U		<0.0098	U		<0.0097	U		0.055			0.018			<0.042	U	
		VMP-11-8-101612-Dup	10/16/2012	<0.0062	U		<0.0099	U		<0.0098	U		0.06			0.016			<0.043	U	
		VMP-11-8-012913	1/29/2013	<0.042	U		<0.068	U		<0.067	U		<0.029	U		0.0062	J		<0.29	U	
		VMP-11-8-050113	5/1/2013	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U	
	29 ft	VMP-11-29	11/18/2009	<36	U		<58	U		<58	U		<25	U		<32	U		<250	U	
		VMP-11-29-090810	9/8/2010	<0.14	U		<0.22	U		<0.22	U		<0.095	U		<0.12	U		<0.96	U	
		VMP-11-29-112210	11/22/2010	<2	U		<3.2	U		<3.1	U		<1.4	U		<1.7	U		<14	U	
		VMP-11-29-112210-Dup	11/22/2010	<1.4	U		<2.2	U		0.69	J		<0.94	U		<1.2	U		<9.5	U	
		VMP-11-29-021411	2/14/2011	<0.0053	U		<0.0086	U		0.0014	J		<0.0037	U		0.0027	J		<0.037	U	
		VMP-11-29-040611	4/6/2011	<0.04	U		<0.065	U		<0.064	U		<0.028	U		<0.036	U		<0.28	U	
		VMP-11-29-082511	8/25/2011	0.00098	J		<0.0095	U		<0.0094	U		<0.0041	U		0.0079			<0.041	U	
		VMP-11-29-082511-Dup	8/25/2011	0.00091	J		<0.0095	U		<0.0094	U		0.001	J		0.0071			<0.041	U	
		VMP-11-29-111411	11/14/2011	<0.0037	U		<0.006	U		<0.0059	U		<0.0026	U		0.014			<0.026	U	
		VMP-11-29-012612	1/26/2012	<0.0036	U		<0.0058	U		<0.0057	U		<0.0025	U		0.0028	J		<0.025	U	
		VMP-11-29-042712	4/27/2012	<0.0037	U		<0.006	U		0.0018	J		0.0031			0.012			<0.026	U	
		VMP-11-29-072012	7/23/2012	0.0033	J		<0.006	U		<0.0059	U		0.0056			0.1			<0.026	U	
		VMP-11-29-101612	10/16/2012	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.002	J		<0.11	U	UJ
		VMP-11-29-012913	1/29/2013	<0.0062	U		<0.0099	U		0.0021	J		0.00073	J		0.0042	J		<0.043	J	U
		VMP-11-29-043013	4/30/2013	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	J	U	<0.042	U	
	38 ft	VMP-11-38	11/18/2009	<100	U		<170	U		<170	U		<73	U		<93	U		<730	U	
		VMP-11-38-042312	4/23/2012	<0.28	U		<0.45	U		0.3	J		<0.19	U		<0.25	U		<1.9	U	
		VMP-11-38-042312-Dup	4/23/2012	<0.98	U		<1.6	U		0.42	J		<0.68	U		<0.86	U		<6.8	U	
		VMP-11-38-072312	7/23/2012	<0.46	U		<0.74	U		<0.74	U		<0.32	U		<0.41	U		<3.2	U	
		VMP-11-38-101612	10/16/2012	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	J	U	<0.044	U	
		VMP-11-38-013013	1/30/2013	<0.0059	U		<0.0095	U		0.0013	J		<0.0041	U		0.00086	J		<0.041	U	
		VMP-11-38-043013	4/30/2013	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl			1,1,2-Trichloroethane			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene		
				41000			170000			12			5600								
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-11	5 ft	VMP-11-5	11/17/2009	<0.049	U		<0.049	U		<0.048	U		<0.05	U		<0.044	U		<0.044	U	
		VMP-11-5-090710	9/7/2010	<0.0067	U		<0.0067	U		<0.0066	U		0.0012	J		<0.0061	U		<0.0061	U	
		VMP-11-5-112210	11/22/2010	<0.007	U		<0.007	U		<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U	
		VMP-11-5-021511	2/15/2011	<0.0062	U		<0.0062	U		0.0024	J		0.001	J		<0.0056	J	U	<0.0056	U	
		VMP-11-5-040611	4/6/2011	<0.059	U		<0.059	U		<0.058	U		<0.061	U		<0.053	U		<0.053	U	
		VMP-11-5-080711	8/7/2011	<0.081	U		<0.081	U		<0.08	U		<0.083	U		<0.073	U		<0.073	U	
		VMP-11-5-111111	11/11/2011	<0.016	U		<0.016	U		<0.016	U		<0.016	U		<0.014	U		<0.014	U	
		VMP-11-5-012612	1/26/2012	<0.0048	U		<0.0048	U		0.001	J		<0.0049	U		<0.0043	U		<0.0043	U	
		VMP-11-5-041912	4/19/2012	<0.0053	J	U	<0.0053	U		<0.0053	U		0.0017	J		0.0023	J		0.0012	J	
		VMP-11-5-071912	7/16/2012	<0.0069	U		<0.0069	U		<0.0068	J	U	0.0015	J		<0.0062	U		<0.0062	U	
		VMP-11-5-101612	10/16/2012	<0.0077	U		<0.0077	U		<0.0076	U		<0.008	U		<0.007	U		<0.007	U	
		VMP-11-5-012913	1/29/2013	<0.39	U		<0.39	U		<0.39	U		<0.4	U		<0.35	U		<0.35	U	
		VMP-11-5-043013	4/30/2013	<0.0082	U		<0.0082	U		<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U	
	8 ft	VMP-11-8	11/17/2009	<0.006	U		<0.006	U		<0.006	U		<0.006	U		<0.006	U		<0.006	U	
		VMP-11-8-090810	9/8/2010	<0.007	U		<0.007	U		<0.0069	U		0.002	J		<0.0063	U		<0.0063	U	
		VMP-11-8-112210	11/22/2010	<0.007	U		<0.007	U		<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U	
		VMP-11-8-021111	2/11/2011	<0.0068	U		<0.0068	U		0.0034	J		<0.007	U		<0.0061	U		<0.0061	U	
		VMP-11-8-021111-DUP	2/11/2011	<0.0064	U		<0.0064	U		0.0031	J		0.001	J		<0.0058	U		<0.0058	U	
		VMP-11-8-040611	4/6/2011	<0.03	U		<0.03	U		<0.03	U		<0.031	U		<0.027	U		<0.027	U	
		VMP-11-8-040611-DUP	4/6/2011	<0.026	U		<0.026	U		0.0028	J		<0.027	U		<0.024	U		<0.024	U	
		VMP-11-8-080711	8/7/2011	<0.081	U		<0.081	U		<0.08	U		<0.083	U		<0.073	U		<0.073	U	
		VMP-11-8-111411	11/14/2011	<0.0048	U		<0.0048	U		0.0015	J		<0.0049	U		0.0012	J		<0.0043	U	
		VMP-11-8-012612	1/26/2012	<0.0047	U		<0.0047	U		0.00099	J		<0.0048	U		<0.0042	U		<0.0042	U	
		VMP-11-8-041912	4/19/2012	<0.0053	J	U	<0.0053	U		<0.0053	U		0.0016	J		<0.0048	U		<0.0048	U	
		VMP-11-8-072012	7/20/2012	<0.0053	U		<0.0053	U		<0.0053	U		0.0013	J		<0.0048	U		<0.0048	U	
		VMP-11-8-101612	10/16/2012	<0.0078	U		<0.0078	U		<0.0077	U		<0.008	U		<0.007	U		<0.007	U	
		VMP-11-8-101612-Dup	10/16/2012	<0.0079	U		<0.0079	U		<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U	
		VMP-11-8-012913	1/29/2013	<0.054	U		<0.054	U		<0.053	U		<0.055	U		<0.048	U		<0.048	U	
		VMP-11-8-050113	5/1/2013	<0.0077	U		<0.0077	U		<0.0076	U		<0.008	U		<0.007	U		<0.007	U	
	29 ft	VMP-11-29	11/18/2009	<46	U		<46	U		<46	U		<48	U		<42	U		<42	U	
		VMP-11-29-090810	9/8/2010	<0.18	U		<0.18	U		<0.17	U		<0.18	U		0.17			0.088	J	
		VMP-11-29-112210	11/22/2010	<2.5	U		<2.5	U		<2.5	U		<2.6	U		<2.3	U		<2.3	U	
		VMP-11-29-112210-Dup	11/22/2010	<1.7	U		<1.7	U		<1.7	U		<1.8	U		<1.6	U		<1.6	U	
		VMP-11-29-021411	2/14/2011	<0.0068	U		<0.0068	U		0.0028	J		<0.007	U		<0.0061	J	U	<0.0061	U	
		VMP-11-29-040611	4/6/2011	<0.052	U		<0.052	U		<0.051	U		<0.053	U		<0.046	U		<0.046	U	
		VMP-11-29-082511	8/25/2011	<0.0075	U		<0.0075	U		<0.0074	U		<0.0078	U		0.0023	J		<0.0068	U	
		VMP-11-29-082511-Dup	8/25/2011	<0.0075	U		<0.0075	U		<0.0074	U		<0.0078	U		0.0023	J		<0.0068	U	
		VMP-11-29-111411	11/14/2011	<0.0048	U		<0.0048	U		0.0014	J		<0.0049	U		0.00088	J		<0.0043	U	
		VMP-11-29-012612	1/26/2012	<0.0046	U		<0.0046	U		0.001	J		<0.0047	U		<0.0041	U		<0.0041	U	
		VMP-11-29-042712	4/27/2012	<0.0048	U		<0.0048	U		<0.0047	U		0.00099	J		0.0011	J		<0.0043	U	
		VMP-11-29-072012	7/23/2012	<0.0048	U		<0.0048	U		<0.0047	U		0.0013	J		0.0056			0.0015	J	
		VMP-11-29-101612	10/16/2012	<0.0081	U		<0.0081	U		<0.008	U		0.0015	J		<0.0073	U	UJ	<0.0073	U	
		VMP-11-29-012913	1/29/2013	<0.0079	U		<0.0079	U		<0.0078	U		0.0017	J		<0.0071	U		<0.0071	U	
		VMP-11-29-043013	4/30/2013	<0.0078	U		<0.0078	U		<0.0076	U		<0.008	U		<0.007	U		<0.007	U	
	38 ft	VMP-11-38	11/18/2009	<130	U		<130	U		<130	U		<140	U		<120	U		<120	U	
		VMP-11-38-042312	4/23/2012	<0.36	U		<0.36	U		<0.35	U		<0.37	U		<0.32	U		<0.32	U	
		VMP-11-38-042312-Dup	4/23/2012	<1.2	U		<1.2	U		<1.2	U		<1.3	U		<1.1	U		<1.1	U	
		VMP-11-38-072312	7/23/2012	<0.59	U		<0.59	U		<0.58	U		<0.61	U		<0.53	U		<0.53	U	
		VMP-11-38-101612	10/16/2012	<0.0082	U		<0.0082	U		<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U	
		VMP-11-38-013013	1/30/2013	<0.0075	U		<0.0075	U		<0.0074	U		0.0016	J		<0.0068	U		<0.0068	U	
		VMP-11-38-043013	4/30/2013	<0.0082	U		<0.0082	U		<0.0081	U		0.0017	J		<0.0074	U		<0.0074	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylene			o-Xylenes		
							4.8			820			790		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-11	5 ft	VMP-11-5	11/17/2009	<0.042	U		<0.023	U		<0.039	U		<0.039	U	
		VMP-11-5-090710	9/7/2010	0.041			<0.0032	U		0.0015	J		<0.0054	U	
		VMP-11-5-112210	11/22/2010	0.0019	J		<0.0033	U		<0.0056	J	U	<0.0056	U	
		VMP-11-5-021511	2/15/2011	0.065			<0.0029	U		0.0089			0.0029	J	
		VMP-11-5-040611	4/6/2011	0.11			<0.028	U		<0.047	U		<0.047	U	
		VMP-11-5-080711	8/7/2011	<0.069	U		<0.038	U		0.012	J		<0.064	U	
		VMP-11-5-111111	11/11/2011	0.94			<0.0075	U		0.0036	J		<0.013	U	
		VMP-11-5-012612	1/26/2012	<0.0041	U		<0.0022	U		0.0031	J		0.0007	J	
		VMP-11-5-041912	4/19/2012	0.21			<0.0025	U		0.012			0.0033	J	
		VMP-11-5-071912	7/16/2012	0.0061			<0.0032	U		<0.0055	J	U	<0.0055	U	
		VMP-11-5-101612	10/16/2012	0.018			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-11-5-012913	1/29/2013	<0.34	U		<0.18	U		<0.31	U		<0.31	U	
		VMP-11-5-043013	4/30/2013	0.054			<0.0038	U		<0.0065	U		<0.0065	U	
	8 ft	VMP-11-8	11/17/2009	<0.005	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-11-8-090810	9/8/2010	0.01			<0.0033	U		<0.0056	J	U	<0.0056	U	
		VMP-11-8-112210	11/22/2010	0.0024	J		<0.0033	U		<0.0056	J	U	<0.0056	U	
		VMP-11-8-021111	2/11/2011	0.012			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-11-8-021111-DUP	2/11/2011	0.0085			<0.003	U		<0.0051	U		<0.0051	U	
		VMP-11-8-040611	4/6/2011	0.062			<0.014	U		<0.024	U		<0.024	U	
		VMP-11-8-040611-DUP	4/6/2011	0.048			<0.012	U		<0.021	U		<0.021	U	
		VMP-11-8-080711	8/7/2011	<0.069	U		<0.038	U		0.01	J		<0.064	U	
		VMP-11-8-111411	11/14/2011	0.031			<0.0022	U		0.003	J		0.0007	J	
		VMP-11-8-012612	1/26/2012	<0.004	U		<0.0022	U		0.001	J		<0.0037	U	
		VMP-11-8-041912	4/19/2012	0.01			<0.0025	U		0.0075			0.0019	J	
		VMP-11-8-072012	7/20/2012	<0.0046	U		<0.0025	U		<0.0042	U		<0.0042	U	
		VMP-11-8-101612	10/16/2012	0.0019	J		<0.0036	U		<0.0062	J	U	<0.0062	U	
		VMP-11-8-101612-Dup	10/16/2012	0.0019	J		<0.0037	U		<0.0063	J	U	<0.0063	U	
		VMP-11-8-012913	1/29/2013	<0.046	U		<0.025	U		<0.043	U		<0.043	U	
		VMP-11-8-050113	5/1/2013	0.037			<0.0036	U		<0.0061	U		<0.0061	U	
	29 ft	VMP-11-29	11/18/2009	<40	U		<22	U		<37	U		<37	U	
		VMP-11-29-090810	9/8/2010	1.1			<0.082	U		0.1	J		0.072	J	
		VMP-11-29-112210	11/22/2010	1.8	J		<1.2	U		<2	U		<2	U	
		VMP-11-29-112210-Dup	11/22/2010	1.8			<0.82	U		<1.4	U		<1.4	U	
		VMP-11-29-021411	2/14/2011	0.19			<0.0032	U		0.0043	J		0.0016	J	
		VMP-11-29-040611	4/6/2011	0.096			<0.024	U		<0.041	U		<0.041	U	
		VMP-11-29-082511	8/25/2011	0.002	J		<0.0035	U		0.0037	J		0.0011	J	
		VMP-11-29-082511-Dup	8/25/2011	0.004	J		<0.0035	U		0.0033	J		0.0011	J	
		VMP-11-29-111411	11/14/2011	0.005			<0.0022	U		0.0018	J		0.00048	J	
		VMP-11-29-012612	1/26/2012	<0.0039	U		<0.0021	U		<0.0036	U		<0.0036	U	
		VMP-11-29-042712	4/27/2012	0.013			<0.0022	U		0.0046			0.0014	J	
		VMP-11-29-072012	7/23/2012	0.028			<0.0022	U		0.023			0.0062		
		VMP-11-29-101612	10/16/2012	0.0071			<0.0038	U		0.0012	J		<0.0064	U	
		VMP-11-29-012913	1/29/2013	0.0062	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-11-29-043013	4/30/2013	0.2			<0.0036	U		<0.0062	J	U	<0.0062	U	
	38 ft	VMP-11-38	11/18/2009	<120	U		<63	U		<110	U		<110	U	
		VMP-11-38-042312	4/23/2012	<0.3	U		<0.17	U		<0.28	U		<0.28	U	
		VMP-11-38-042312-Dup	4/23/2012	<1.1	U		<0.58	U		<0.99	U		<0.99	U	
		VMP-11-38-072312	7/23/2012	<0.51	U		<0.28	U		<0.47	U		<0.47	U	
		VMP-11-38-101612	10/16/2012	0.023			<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-11-38-013013	1/30/2013	0.0048	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-11-38-043013	4/30/2013	0.064			<0.0038	U		<0.0065	U		<0.0065	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Acetone			alpha-Chlorotoluene			Benzene			Bromodichloromethane			Bromoform		
				750000						2.8			450000			52		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-12	5 ft	VMP-12-5	11/13/2009	<30	U		<16	U		7500			<21	U		<33	U	
		VMP-12-5-090310	9/3/2010	<13	U		<7	U		230			<9	U		<14	U	
		VMP-12-5-120310	12/3/2010	<130	U		<69	U		16000			<89	U		<140	U	
		VMP-12-5-021511	2/15/2011	<5.8	U		<3.2	U		80			<4.1	U		<6.3	U	
		VMP-12-5-041911	4/19/2011	17	J		<23	U		5.8	J		<30	U		<46	U	
		VMP-12-5-080411	8/4/2011	<11	U		<6	U		200			<7.7	U		<12	U	
		VMP-12-5-111611	11/16/2011	<0.0077	U		<0.0042	U		0.9			<0.0055	U		<0.0084	U	
		VMP-12-5-012412	1/24/2012	<0.087	J	U	<0.19	U		6.8			<0.061	U		<0.38	U	
		VMP-12-5-041912	4/19/2012	0.021	J		<0.0047	U		0.063			<0.0061	U		<0.0094	U	
		VMP-12-5-072612	7/26/2012	0.057			<0.005	U		0.12		J	<0.0065	U		<0.01	U	
		VMP-12-5-072612-Dup	7/26/2012	0.032			<0.0046	U		0.0018	J	J	<0.006	U		<0.0092	U	
		VMP-12-5-102412	10/24/2012	0.023	J		<0.0078	U		0.025			<0.01	U		<0.016	U	
		VMP-12-5-021813	2/18/2013	0.0096	J		<0.007	U		0.012			<0.009	U		<0.014	U	
		VMP-12-5-051013	5/10/2013	0.036			<0.0073	U		0.025			<0.0094	U		<0.014	U	
	11.5 ft	VMP-12-11.5	11/13/2009	<52	U		<28	U		8400			<37	U		<57	U	
		VMP-12-11.5-090310	9/3/2010	<16	U		<8.9	U		4100			<12	U		<18	U	
		VMP-12-11.5-120310	12/3/2010	<14	U		<7.7	U		2000			<10	U		<15	U	
		VMP-12-11.5-021511	2/15/2011	<13	U		<6.9	U		1600			<9	U		<14	U	
		VMP-12-11.5-021511-DUP	2/15/2011	<11	U		<6	U		1300			<7.7	U		<12	U	
		VMP-12-11.5-041911	4/19/2011	15	J		<21	U		810			<27	U		<42	U	
		VMP-12-11.5-080411	8/4/2011	<13	U		<7.3	U		1200			<9.4	U		<14	U	
		VMP-12-11.5-111611	11/16/2011	<0.11	U		<0.058	U		4.6			<0.075	U		<0.12	U	
		VMP-12-11.5-012412	1/24/2012	<1	U		<2.2	U		4.1			<0.7	U		<4.3	U	
		VMP-12-11.5-041912	4/19/2012	<0.091	U		<0.049	U		0.065			<0.064	U		<0.099	U	
		VMP-12-11.5-082012	8/20/2012	0.031	J	J	<0.0078	U		0.044			<0.01	U		<0.016	U	
		VMP-12-11.5-102612	10/26/2012	0.026	J		<0.0075	U		0.0098			<0.0097	U		<0.015	U	
		VMP-12-11.5-021813	2/18/2013	0.0097	J		<0.0075	U		0.0008	J		<0.0097	U		<0.015	U	
		VMP-12-11.5-051013	5/10/2013	0.037			<0.0072	U		0.001	J		<0.0093	U		<0.014	U	
	25 ft	VMP-12-25	11/13/2009	<110	U		<58	U		18000			<76	U		<120	U	
		VMP-12-25-090310	9/3/2010	<21	U		<11	U		14000			<15	U		<23	U	
		VMP-12-25-120310	12/3/2010	<1	U		<0.56	U		3.8			<0.73	U		<1.1	U	
		VMP-12-25-021511	2/15/2011	6.9	J		<14	U		7600			<18	U		<27	U	
		VMP-12-25-041911	4/19/2011	27	J		<22	U		8300			<29	U		<45	U	
		VMP-12-25-080411	8/4/2011	<26	U		<14	U		3500			<18	U		<28	U	
		VMP-12-25-111611	11/16/2011	<30	U		<16	U		2600			<21	U		<32	U	
		VMP-12-25-012412	1/24/2012	<11	U		<25	U		5100			<8	U		<50	U	
		VMP-12-25-012412-DUP	1/24/2012	7.3	J		<180	U		5400			<59	U		<360	U	
		VMP-12-25-041912	4/19/2012	<8.7	U		<4.7	U		500			<6.1	U		<9.4	U	
		VMP-12-25-072712	7/27/2012	<9.5	U		<5.2	U		24			<6.7	U		<10	U	
		VMP-12-25-072712-Dup	7/27/2012	<9.5	U		<5.2	U		30			<6.7	U		<10	U	
		VMP-12-25-102512	10/25/2012	<4.1	U		<2.2	U		0.47	J		<2.9	U		<4.5	U	
		VMP-12-25-021513	2/15/2013	0.93	J	J	<4.2	U		5.8		J	<5.4	U		<8.3	U	
		VMP-12-25-051013	5/10/2013	160		J	<14	U		<8.5	U		<18	U		<27	U	
	39 ft	VMP-12-39	11/13/2009	<110	U		<61	U		26000			<79	U		<120	U	
		VMP-12-39-041911	4/19/2011	24	J		<22	U		10000			<28	U		<44	U	
		VMP-12-39-012412	1/24/2012	<83	U		<180	U		5400			<59	U		<360	U	
		VMP-12-39-041912	4/19/2012	5.6	J		<23	U		1400			<29	U		<45	U	
		VMP-12-39-072612	7/26/2012	<19	U		<10	U		3100			<13	U		<21	U	
		VMP-12-39-102412	10/24/2012	<50	U		<27	U		1200			<36	U		<55	U	
		VMP-12-39-021513	2/15/2013	<23	U		<12	U		4100			<16	U		<25	U	
		VMP-12-39-051013	5/10/2013	200		J	<22	U		1700			<28	U		<43	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Bromomethane			1,3-Butadiene			Butane			2-Butanone			Carbon disulfide			Carbon tetrachloride		
				42									40000			5300			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-12	5 ft	VMP-12-5	11/13/2009	<12	U		<7	U					<9.3	U		<9.8	U		<20	U	
		VMP-12-5-090310	9/3/2010	<5.2	U		<3	U					<4	U		<4.2	U		<8.5	U	
		VMP-12-5-120310	12/3/2010	<52	U		<29	U					<39	U		<41	U		<84	U	
		VMP-12-5-021511	2/15/2011	<2.4	U		<1.3	U					<1.8	U		<1.9	U		<3.8	U	
		VMP-12-5-041911	4/19/2011	<17	U		<9.9	U		3200			<53	U		<14	U		<28	U	
		VMP-12-5-080411	8/4/2011	<4.5	U		<2.6	U		2800			<14	U		<3.6	U		<7.3	U	
		VMP-12-5-111611	11/16/2011	<0.0032	U		<0.0018	U		0.098			0.0017	J		0.0055	J		<0.0051	U	
		VMP-12-5-012412	1/24/2012	<0.036	U		<0.02	U		3			<0.11	U		<0.028	U		<0.058	U	
		VMP-12-5-041912	4/19/2012	<0.036	U		<0.002	U		0.0057	J		0.0051	J		<0.011	J	U	<0.0058	U	
		VMP-12-5-072612	7/26/2012	<0.038	U		<0.0022	U		0.014			0.0057	J		<0.012	J	U	<0.0061	U	
		VMP-12-5-072612-Dup	7/26/2012	<0.034	U		<0.002	U		<0.0085	U		<0.01	U		<0.011	J	U	<0.0056	U	
		VMP-12-5-102412	10/24/2012	<0.058	U		<0.0033	U		<0.014	U		0.0054	J		<0.019	J	U	<0.0094	U	
		VMP-12-5-021813	2/18/2013	<0.052	U		<0.003	U		0.0074	J		0.0038	J		<0.017	U		<0.0085	U	
		VMP-12-5-051013	5/10/2013	<0.055	U		<0.0031	U		0.0075	J		0.0068	J		<0.018	U		<0.0089	U	
	11.5 ft	VMP-12-11.5	11/13/2009	<21	U		<12	U					<16	U		<17	U		<35	U	
		VMP-12-11.5-090310	9/3/2010	<6.7	U		<3.8	U					<5.1	U		<5.4	U		<11	U	
		VMP-12-11.5-120310	12/3/2010	<5.8	U		<3.3	U					<4.4	U		<4.6	U		<9.4	U	
		VMP-12-11.5-021511	2/15/2011	<5.2	U		<3	U					<4	U		<4.2	U		<8.4	U	
		VMP-12-11.5-021511-DUP	2/15/2011	<4.5	U		<2.6	U					<3.4	U		<3.6	U		<7.3	U	
		VMP-12-11.5-041911	4/19/2011	<16	U		<8.9	U		4300			<48	U		<12	U		<25	U	
		VMP-12-11.5-080411	8/4/2011	<5.5	U		<3.1	U		1500			<17	U		<4.4	U		<8.9	U	
		VMP-12-11.5-111611	11/16/2011	<0.044	U		<0.025	U		2.8			<0.13	U		<0.14	U		<0.071	U	
		VMP-12-11.5-012412	1/24/2012	<0.41	U		<0.23	U		100			<1.2	U		<0.33	U		<0.66	U	
		VMP-12-11.5-041912	4/19/2012	<0.037	U		<0.021	U		0.3			<0.11	U		<0.03	U		<0.06	U	
		VMP-12-11.5-082012	8/20/2012	0.0032	J		<0.0034	U		<0.014	U		0.048			<0.019	J	U	<0.0095	U	
		VMP-12-11.5-102612	10/26/2012	<0.056	U		<0.0032	U		0.041			0.0055	J		<0.018	U		<0.0091	U	
		VMP-12-11.5-021813	2/18/2013	<0.056	U		<0.0032	U		<0.014	U		<0.017	U		<0.018	U		<0.0091	U	
		VMP-12-11.5-051013	5/10/2013	<0.054	U		<0.0031	U		<0.013	U		0.0065	J		<0.017	U		<0.0087	U	
	25 ft	VMP-12-25	11/13/2009	<44	U		<25	U					<33	U		<35	U		<71	U	
		VMP-12-25-090310	9/3/2010	<8.5	U		<4.9	U					<6.5	U		<6.8	U		<14	U	
		VMP-12-25-120310	12/3/2010	<0.42	U		<0.24	U					<0.32	U		<0.34	U		<0.68	U	
		VMP-12-25-021511	2/15/2011	<10	U		<5.9	U					<7.8	U		<8.3	U		<17	U	
		VMP-12-25-041911	4/19/2011	<17	U		<9.6	U		3500			<51	U		<14	U		<27	U	
		VMP-12-25-080411	8/4/2011	<11	U		<6.1	U		4000			<32	U		<8.6	U		<17	U	
		VMP-12-25-111611	11/16/2011	<12	U		<6.9	U		3400			7.8	J		23	J		<20	U	
		VMP-12-25-012412	1/24/2012	<4.7	U		<2.6	U		3200			<14	U		<3.7	U		<7.6	U	
		VMP-12-25-012412-DUP	1/24/2012	<34	U		<19	U		3300			<100	U		<27	U		<55	U	
		VMP-12-25-041912	4/19/2012	<3.6	U		<2	U		360			<11	U		<2.8	U		<5.8	U	
		VMP-12-25-072712	7/27/2012	<3.9	U		<2.2	U		28			<12	U		<3.1	U		<6.3	U	
		VMP-12-25-072712-Dup	7/27/2012	<3.9	U		<2.2	U		34			<12	U		<3.1	U		<6.3	U	
		VMP-12-25-102512	10/25/2012	<1.7	U		<0.96	U		2.9	J		<5.1	U		<1.3	U		<2.7	U	
		VMP-12-25-021513	2/15/2013	<3.1	U		<1.8	U		53		J	<9.5	U		<2.5	U		<5.1	U	
		VMP-12-25-051013	5/10/2013	<100	U		<5.9	U		94			<31	U		<33	U		<17	U	
	39 ft	VMP-12-39	11/13/2009	<46	U		<26	U					<35	U		<37	U		<74	U	
		VMP-12-39-041911	4/19/2011	<16	U		<9.3	U		3200			<50	U		<13	U		<26	U	
		VMP-12-39-012412	1/24/2012	<34	U		<19	U		3300			<100	U		<27	U		<55	U	
		VMP-12-39-041912	4/19/2012	<17	U		<9.7	U		930			<52	U		<14	U		<28	U	
		VMP-12-39-072612	7/26/2012	<7.8	U		<4.4	U		580			<24	U		1.1	J		<13	U	
		VMP-12-39-102412	10/24/2012	<20	U		<12	U		93			<62	U		5.3	J		<33	U	
		VMP-12-39-021513	2/15/2013	<9.4	U		<5.4	U		320			<28	U		<7.5	U		<15	U	
		VMP-12-39-051013	5/10/2013	<160	U		<9.2	U		230			<49	U		<52	U		<26	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			Cyclohexane		
				420			57000						0.92								
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-12	5 ft	VMP-12-5	11/13/2009	<14	U		<27	U		<8.3	U		<15	U		<26	U		570		
		VMP-12-5-090310	9/3/2010	<6.2	U		<11	U		<3.5	U		<6.6	U		<11	U		410		
		VMP-12-5-120310	12/3/2010	<61	U		<110	U		<35	U		<65	U		<110	U		750		
		VMP-12-5-021511	2/15/2011	<2.8	U		<5.2	U		<1.6	U		<3	U		<5	U		88		
		VMP-12-5-041911	4/19/2011	<20	U		<38	U		<47	U		<22	U		<37	U		300		
		VMP-12-5-080411	8/4/2011	<5.3	U		<9.8	U		<12	U		<5.6	U		<9.5	U		230		
		VMP-12-5-111611	11/16/2011	0.0018	J		<0.0069	U		<0.0086	U		<0.004	U		<0.0067	U		0.016		
		VMP-12-5-012412	1/24/2012	<0.042	U		<0.078	U		<0.096	U		<0.045	U		<0.076	U		0.95		
		VMP-12-5-041912	4/19/2012	<0.0042	U		<0.0078	U		<0.0096	U		<0.0045	U		0.0047	J		0.046		
		VMP-12-5-072612	7/26/2012	<0.0045	J	U	<0.0083	U		<0.01	U		0.0049			<0.02	U		0.006		
		VMP-12-5-072612-Dup	7/26/2012	<0.0041	J	U	<0.0076	U		<0.0094	U		<0.0043	U		<0.018	U		<0.0031	U	
		VMP-12-5-102412	10/24/2012	<0.0069	J	U	<0.013	U		<0.016	U		0.0014	J		<0.031	U		<0.0052	U	
		VMP-12-5-021813	2/18/2013	<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		0.0022	J	
		VMP-12-5-051013	5/10/2013	<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0048	U	
	11.5 ft	VMP-12-11.5	11/13/2009	<25	U		<47	U		<14	U		<27	U		<45	U		560		
		VMP-12-11.5-090310	9/3/2010	<7.9	U		<15	U		<4.6	U		<8.4	U		<14	U		580		
		VMP-12-11.5-120310	12/3/2010	<6.9	U		<13	U		<3.9	U		<7.3	U		<12	U		340		
		VMP-12-11.5-021511	2/15/2011	<6.2	U		<11	U		<3.5	U		<6.5	U		<11	U		450		
		VMP-12-11.5-021511-DUP	2/15/2011	<5.3	U		<9.8	U		<3	U		<5.6	U		<9.5	U		390		
		VMP-12-11.5-041911	4/19/2011	<19	U		<34	U		<43	U		<20	U		<33	U		420		
		VMP-12-11.5-080411	8/4/2011	<6.5	U		<12	U		<15	U		<6.9	U		<12	U		160		
		VMP-12-11.5-111611	11/16/2011	0.028	J		<0.096	U		<0.12	U		<0.055	U		<0.093	U		0.28		
		VMP-12-11.5-012412	1/24/2012	<0.48	U		<0.89	U		<1.1	U		<0.51	U		<0.87	U		2.8		
		VMP-12-11.5-041912	4/19/2012	<0.044	U		<0.081	U		<0.1	U		<0.047	U		<0.079	U		0.06		
		VMP-12-11.5-082012	8/20/2012	<0.007	J	U	<0.013	U		<0.016	U		0.0062	J		<0.031	U		<0.0052	U	
		VMP-12-11.5-102612	10/26/2012	<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		0.0037	J	
		VMP-12-11.5-021813	2/18/2013	<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.005	U	
		VMP-12-11.5-051013	5/10/2013	<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0048	U	
	25 ft	VMP-12-25	11/13/2009	<52	U		<96	U		<30	U		<55	U		<93	U		680		
		VMP-12-25-090310	9/3/2010	<10	U		<19	U		<5.8	U		<11	U		<18	U		650		
		VMP-12-25-120310	12/3/2010	<0.5	U		<0.93	U		<0.29	U		<0.53	U		<0.9	U		18		
		VMP-12-25-021511	2/15/2011	<12	U		<23	U		<7	U		<13	U		<22	U		410		
		VMP-12-25-041911	4/19/2011	<20	U		<37	U		<46	U		<21	U		<36	U		430		
		VMP-12-25-080411	8/4/2011	<13	U		<23	U		<29	U		<13	U		<23	U		320		
		VMP-12-25-111611	11/16/2011	4.8	J		<27	U		<33	U		<15	U		<26	U		320		
		VMP-12-25-012412	1/24/2012	<5.5	U		<10	U		<13	U		<5.8	U		<9.9	U		460		J
		VMP-12-25-012412-DUP	1/24/2012	<40	U		<74	U		<92	U		<43	U		<72	U		410		
		VMP-12-25-041912	4/19/2012	<4.2	U		<7.8	U		<9.6	U		<4.5	U		<7.6	U		54		
		VMP-12-25-072712	7/27/2012	<4.6	U		<8.6	U		<11	U		<4.9	U		<8.3	U		59		
		VMP-12-25-072712-Dup	7/27/2012	<4.6	U		<8.6	U		<11	U		<4.9	U		<8.3	U		73		
		VMP-12-25-102512	10/25/2012	<2	U		<3.7	U		<4.6	U		<2.1	U		<3.6	U		3.1		
		VMP-12-25-021513	2/15/2013	<3.7	U		<6.8	U		<8.5	U		<3.9	U		<6.6	U		20		J
		VMP-12-25-051013	5/10/2013	<12	U		<22	U		<28	U		<13	U		<55	U		18		
	39 ft	VMP-12-39	11/13/2009	<54	U		<100	U		<31	U		<58	U		<98	U		710		
		VMP-12-39-041911	4/19/2011	<19	U		<36	U		<44	U		<20	U		<35	U		570		
		VMP-12-39-012412	1/24/2012	<40	U		<74	U		<92	U		<43	U		<72	U		560		
		VMP-12-39-041912	4/19/2012	<20	U		<37	U		<46	U		<21	U		<36	U		260		
		VMP-12-39-072612	7/26/2012	<9.2	U		<17	U		<21	U		<9.8	U		<17	U		110		
		VMP-12-39-102412	10/24/2012	<24	U		<45	U		<56	U		<26	U		<44	U		66		
		VMP-12-39-021513	2/15/2013	<11	U		<21	U		2.2	J		<12	U		<20	U		180		
		VMP-12-39-051013	5/10/2013	<19	U		<36	U		<44	U		<20	U		<86	U		91		

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane		
				0.06			1700						6800						4200		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-12	5 ft	VMP-12-5	11/13/2009	<24	U		<19	U		<19	U		<19	U		<16	U		<13	U	
		VMP-12-5-090310	9/3/2010	<10	U		<8.1	U		<8.1	U		<8.1	U		<6.6	U		<5.4	U	
		VMP-12-5-120310	12/3/2010	<100	U		<80	U		<80	U		<80	U		<66	U		<54	U	
		VMP-12-5-021511	2/15/2011	<4.7	U		<3.7	U		<3.7	U		<3.7	U		<3	U		<2.5	U	
		VMP-12-5-041911	4/19/2011	<34	U		<27	U		<27	U		<27	U		<22	U		<18	U	
		VMP-12-5-080411	8/4/2011	<8.9	U		<6.9	U		<6.9	U		<6.9	U		<5.7	U		<4.7	U	
		VMP-12-5-111611	11/16/2011	<0.0063	U		<0.0049	U		<0.0049	U		<0.0049	U		<0.004	U	UJ	<0.0033	U	
		VMP-12-5-012412	1/24/2012	<0.07	U		<0.055	U		<0.055	U		<0.055	U		<0.045	U		<0.037	U	
		VMP-12-5-041912	4/19/2012	0.0016	J		<0.0055	U		<0.0055	U		<0.0055	U		0.0029	J		<0.0037	U	
		VMP-12-5-072612	7/26/2012	<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	J	U	0.0032	J		<0.0039	U	
		VMP-12-5-072612-Dup	7/26/2012	<0.0068	U		<0.0054	U		<0.0054	U		<0.0054	J	U	0.0059			<0.0036	U	
		VMP-12-5-102412	10/24/2012	<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0024	J		<0.0061	U	
		VMP-12-5-021813	2/18/2013	<0.01	U		<0.0081	U		<0.0081	U		<0.0081	J	U	0.0028	J		<0.0054	U	
		VMP-12-5-051013	5/10/2013	<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.003	J		<0.0057	U	
	11.5 ft	VMP-12-11.5	11/13/2009	<42	U		<33	U		<33	U		<33	U		<27	U		<22	U	
		VMP-12-11.5-090310	9/3/2010	<13	U		<10	U		<10	U		<10	U		<8.5	U		<7	U	
		VMP-12-11.5-120310	12/3/2010	<11	U		<9	U		<9	U		<9	U		<7.4	U		<6	U	
		VMP-12-11.5-021511	2/15/2011	<10	U		<8	U		<8	U		<8	U		<6.6	U		<5.4	U	
		VMP-12-11.5-021511-DUP	2/15/2011	<8.9	U		<6.9	U		<6.9	U		<6.9	U		<5.7	U		<4.7	U	
		VMP-12-11.5-041911	4/19/2011	<31	U		<24	U		<24	U		<24	U		<20	U		<16	U	
		VMP-12-11.5-080411	8/4/2011	<11	U		<8.5	U		<8.5	U		<8.5	U		<7	U		<5.7	U	
		VMP-12-11.5-111611	11/16/2011	<0.086	U		<0.068	U		<0.068	U		<0.068	U		<0.056	U	UJ	<0.046	U	
		VMP-12-11.5-012412	1/24/2012	<0.81	U		<0.63	U		<0.63	U		<0.63	U		<0.52	U		<0.42	U	
		VMP-12-11.5-041912	4/19/2012	<0.073	U		<0.057	U		<0.057	U		<0.057	U		<0.047	U		<0.039	U	
		VMP-12-11.5-082012	8/20/2012	<0.012	U		<0.0091	U		0.003	J		<0.0091	J	U	0.004	J	J	<0.0061	U	
		VMP-12-11.5-102612	10/26/2012	<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0022	J		<0.0058	U	
		VMP-12-11.5-021813	2/18/2013	<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0023	J		<0.0058	U	
		VMP-12-11.5-051013	5/10/2013	<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0025	J		<0.0056	U	
	25 ft	VMP-12-25	11/13/2009	<87	U		<68	U		<68	U		<68	U		<56	U		<46	U	
		VMP-12-25-090310	9/3/2010	<17	U		<13	U		<13	U		<13	U		<11	U		<8.9	U	
		VMP-12-25-120310	12/3/2010	<0.84	U		<0.66	U		<0.66	U		<0.66	U		<0.54	U		<0.44	U	
		VMP-12-25-021511	2/15/2011	<20	U		<16	U		<16	U		<16	U		<13	U		<11	U	
		VMP-12-25-041911	4/19/2011	<33	U		<26	U		<26	U		<26	U		<21	U		<18	U	
		VMP-12-25-080411	8/4/2011	<21	U		<16	U		<16	U		<16	U		<14	U		<11	U	
		VMP-12-25-111611	11/16/2011	<24	U		<19	U		<19	U		<19	U		<16	U	UJ	<13	U	
		VMP-12-25-012412	1/24/2012	<9.2	U		<7.2	U		<7.2	U		<7.2	U		<5.9	U		<4.8	U	
		VMP-12-25-012412-DUP	1/24/2012	<67	U		<53	U		<53	U		<53	U		<43	U		<35	U	
		VMP-12-25-041912	4/19/2012	<7	U		<5.5	U		<5.5	U		<5.5	U		<4.5	U		<3.7	U	
		VMP-12-25-072712	7/27/2012	<7.7	U		<6	U		<6	U		<6	U		<5	U		<4.1	U	
		VMP-12-25-072712-Dup	7/27/2012	<7.7	U		<6	U		<6	U		<6	U		<5	U		<4.1	U	
		VMP-12-25-102512	10/25/2012	<3.3	U		<2.6	U		<2.6	U		<2.6	U		<2.1	U		<1.8	U	
		VMP-12-25-021513	2/15/2013	<6.2	U		<4.8	U		<4.8	U		<4.8	U		<4	U		<3.2	U	
		VMP-12-25-051013	5/10/2013	<20	U		<16	U		<16	U		<16	U		<13	U		<11	U	
	39 ft	VMP-12-39	11/13/2009	<91	U		<71	U		<71	U		<71	U		<59	U		<48	U	
		VMP-12-39-041911	4/19/2011	<32	U		<25	U		<25	U		<25	U		<21	U		<17	U	
		VMP-12-39-012412	1/24/2012	<67	U		<53	U		<53	U		<53	U		<43	U		<35	U	
		VMP-12-39-041912	4/19/2012	<34	U		<26	U		<26	U		<26	U		<22	U		<18	U	
		VMP-12-39-072612	7/26/2012	<15	U		<12	U		<12	U		<12	U		<9.9	U		<8.1	U	
		VMP-12-39-102412	10/24/2012	<41	U		<32	U		<32	U		<32	U		<26	U		<21	U	
		VMP-12-39-021513	2/15/2013	<18	U		<14	U		<14	U		<14	U		<12	U		<9.8	U	
		VMP-12-39-051013	5/10/2013	<32	U		<25	U		<25	U		<25	U		<21	U		<17	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	1,2-Dichloroethane			1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene			1,2-Dichloropropane		
				0.81			1600			1100000			510			45			0.46		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-12	5 ft	VMP-12-5	11/13/2009	<13	U		<12	U		<12	U		<12	U		<11	U		<15	U	
		VMP-12-5-090310	9/3/2010	<5.4	U		<5.3	U		<5.3	U		<5.3	U		<4.7	U		<6.2	U	
		VMP-12-5-120310	12/3/2010	<54	U		<53	U		<53	U		<53	U		<46	U		<61	U	
		VMP-12-5-021511	2/15/2011	<2.5	U		<2.4	U		<2.4	U		<2.4	U		<2.1	U		<2.8	U	
		VMP-12-5-041911	4/19/2011	<18	U		<18	U		<18	U		<18	U		<16	U	UJ	<21	U	
		VMP-12-5-080411	8/4/2011	<4.7	U		<4.6	U		<4.6	U		<4.6	U		<4	U		<5.3	U	
		VMP-12-5-111611	11/16/2011	<0.0033	U		<0.0032	U		<0.0032	U		<0.0032	U		0.0026	J		<0.0038	U	
		VMP-12-5-012412	1/24/2012	<0.037	U		<0.036	U		<0.036	U		<0.036	U		0.011	J		<0.042	U	
		VMP-12-5-041912	4/19/2012	<0.0037	U		<0.0036	U		<0.0036	U		<0.0036	U		<0.032	J	U	<0.0042	U	
		VMP-12-5-072612	7/26/2012	<0.0039	U		<0.0039	U		<0.0039	U		<0.0039	U		0.0074	J		<0.0045	U	
		VMP-12-5-072612-Dup	7/26/2012	<0.0036	U		<0.0035	U		<0.0035	U		<0.0035	U		0.045			<0.0041	U	
		VMP-12-5-102412	10/24/2012	<0.0061	U		<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U	
		VMP-12-5-021813	2/18/2013	<0.0054	U		<0.0053	U		<0.0053	U		<0.0053	U		0.0019	J		<0.0062	U	
		VMP-12-5-051013	5/10/2013	<0.0057	U		<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U	
	11.5 ft	VMP-12-11.5	11/13/2009	<22	U		<22	U		<22	U		<22	U		<19	U		<25	U	
		VMP-12-11.5-090310	9/3/2010	<7	U		<6.8	U		<6.8	U		<6.8	U		<6	U		<8	U	
		VMP-12-11.5-120310	12/3/2010	<6	U		<5.9	U		<5.9	U		<5.9	U		<5.2	U		<6.9	U	
		VMP-12-11.5-021511	2/15/2011	<5.4	U		<5.3	U		<5.3	U		<5.3	U		<4.6	U		<6.2	U	
		VMP-12-11.5-021511-DUP	2/15/2011	<4.7	U		<4.6	U		<4.6	U		<4.6	U		<4	U		<5.3	U	
		VMP-12-11.5-041911	4/19/2011	<16	U		<16	U		<16	U		<16	U		<14	U	UJ	<19	U	
		VMP-12-11.5-080411	8/4/2011	<5.7	U		<5.6	U		<5.6	U		<5.6	U		<4.9	U		<6.5	U	
		VMP-12-11.5-111611	11/16/2011	<0.046	U		<0.045	U		<0.045	U		<0.045	U		<0.039	U		<0.052	U	
		VMP-12-11.5-012412	1/24/2012	<0.42	U		<0.42	U		<0.42	U		<0.42	U		0.096	J		<0.48	U	
		VMP-12-11.5-041912	4/19/2012	<0.039	U		<0.038	U		<0.038	U		<0.038	U		0.0081	J		<0.044	U	
		VMP-12-11.5-082012	8/20/2012	<0.0061	U		<0.006	U		<0.006	U		<0.006	U		0.0016	J		<0.007	U	
		VMP-12-11.5-102612	10/26/2012	<0.0058	U		<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U	
		VMP-12-11.5-021813	2/18/2013	<0.0058	U		<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U	
		VMP-12-11.5-051013	5/10/2013	<0.0056	U		<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U	
	25 ft	VMP-12-25	11/13/2009	<46	U		<45	U		<45	U		<45	U		<39	U		<52	U	
		VMP-12-25-090310	9/3/2010	<8.9	U		<8.7	U		<8.7	U		<8.7	U		<7.6	U		<10	U	
		VMP-12-25-120310	12/3/2010	<0.44	U		<0.43	U		<0.43	U		<0.43	U		<0.38	U		<0.5	U	
		VMP-12-25-021511	2/15/2011	<11	U		<10	U		<10	U		<10	U		<9.2	U		<12	U	
		VMP-12-25-041911	4/19/2011	<18	U		<17	U		<17	U		<17	U		<15	U	UJ	<20	U	
		VMP-12-25-080411	8/4/2011	<11	U		<11	U		<11	U		<11	U		<9.6	U		<13	U	
		VMP-12-25-111611	11/16/2011	11	J		<12	U		<12	U		<12	U		9.6	J		<14	U	
		VMP-12-25-012412	1/24/2012	<4.8	U		<4.8	U		<4.8	U		<4.8	U		<4.2	U		<5.5	U	
		VMP-12-25-012412-DUP	1/24/2012	<35	U		<35	U		<35	U		<35	U		5.8	J		<40	U	
		VMP-12-25-041912	4/19/2012	<3.7	U		<3.6	U		<3.6	U		<3.6	U		3.3			<4.2	U	
		VMP-12-25-072712	7/27/2012	<4.1	U		<4	U		<4	U		<4	U		1	J		<4.6	U	
		VMP-12-25-072712-Dup	7/27/2012	<4.1	U		<4	U		<4	U		<4	U		0.49	J		<4.6	U	
		VMP-12-25-102512	10/25/2012	<1.8	U		<1.7	U		<1.7	U		<1.7	U		0.16	J		<2	U	
		VMP-12-25-021513	2/15/2013	<3.2	U		<3.2	U		<3.2	U		<3.2	U		1.8	J	J	14		J
		VMP-12-25-051013	5/10/2013	<11	U		<10	U		<10	U		<10	U		<92	U		<12	U	
	39 ft	VMP-12-39	11/13/2009	<48	U		<47	U		<47	U		<47	U		<41	U		<55	U	
		VMP-12-39-041911	4/19/2011	<17	U		<17	U		<17	U		<17	U		<15	U	UJ	<19	U	
		VMP-12-39-012412	1/24/2012	<35	U		<35	U		<35	U		<35	U		6.4	J		<40	U	
		VMP-12-39-041912	4/19/2012	<18	U		<17	U		<17	U		<17	U		3.8	J		<20	U	
		VMP-12-39-072612	7/26/2012	<8.1	U		<8	U		<8	U		<8	U		2.7	J		<9.3	U	
		VMP-12-39-102412	10/24/2012	<21	U		<21	U		<21	U		<21	U		7.1	J		<24	U	
		VMP-12-39-021513	2/15/2013	<9.8	U		1	J		<9.6	U		<9.6	U		9.5			21		
		VMP-12-39-051013	5/10/2013	<17	U		<16	U		<16	U		<16	U		<140	U		<19	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene		
				6.2			6.2			2.3						8300					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-12	5 ft	VMP-12-5	11/13/2009	<14	U		<14	U		<46	U		<24	U		<14	U		<16	U	
		VMP-12-5-090310	9/3/2010	<6.1	U		<6.1	U		<19	U		<10	U		<5.8	U		<6.6	U	
		VMP-12-5-120310	12/3/2010	<60	U		<60	U		<190	U		<100	U		<58	U		<65	U	
		VMP-12-5-021511	2/15/2011	<2.8	U		<2.8	U		<8.8	U		<4.6	U		<2.6	U		<3	U	
		VMP-12-5-041911	4/19/2011	<20	U		<20	U		<64	U		5.2	J		<19	U		<22	U	
		VMP-12-5-080411	8/4/2011	<5.2	U		<5.2	U		<17	U		<8.7	U		<5	U		<5.7	U	
		VMP-12-5-111611	11/16/2011	<0.0037	U		<0.0037	U		<0.012	U		0.015			0.00074	J		<0.004	U	
		VMP-12-5-012412	1/24/2012	<0.042	U		<0.042	U		<0.13	U		<0.069	J	U	0.0036	J		0.0078	J	
		VMP-12-5-041912	4/19/2012	<0.0042	U		<0.0042	U		<0.013	U		0.0088		J	0.0056			0.0012	J	
		VMP-12-5-072612	7/26/2012	<0.0044	U		<0.0044	U		<0.014	U		0.017			0.0029	J		<0.0048	U	
		VMP-12-5-072612-Dup	7/26/2012	<0.004	U		<0.004	U		<0.013	U		0.013			<0.0039	U		<0.0044	U	
		VMP-12-5-102412	10/24/2012	<0.0068	U		<0.0068	U		<0.022	U		0.01	J		0.0016	J		<0.0074	U	
		VMP-12-5-021813	2/18/2013	<0.0061	U		<0.0061	J	U	<0.019	U		0.0042	J		<0.0058	U		<0.0066	U	
		VMP-12-5-051013	5/10/2013	<0.0064	U		<0.0064	U		<0.02	U		0.087		J	<0.0061	U		<0.0069	U	
	11.5 ft	VMP-12-11.5	11/13/2009	<25	U		<25	U		<79	U		<41	U		<24	U		<27	U	
		VMP-12-11.5-090310	9/3/2010	<7.8	U		<7.8	U		<25	U		<13	U		5.4	J		<8.5	U	
		VMP-12-11.5-120310	12/3/2010	<6.8	U		<6.8	U		<22	U		<11	U		<6.5	U		<7.3	U	
		VMP-12-11.5-021511	2/15/2011	<6.1	U		<6.1	U		<19	U		<10	U		<5.8	U		<6.6	U	
		VMP-12-11.5-021511-DUP	2/15/2011	<5.2	U		<5.2	U		<17	U		<8.7	U		<5	U		<5.7	U	
		VMP-12-11.5-041911	4/19/2011	<18	U		<18	U		<58	U		<30	U		<18	U		<20	U	
		VMP-12-11.5-080411	8/4/2011	<6.4	U		<6.4	U		<20	U		<11	U		<6.1	U		<6.9	U	
		VMP-12-11.5-111611	11/16/2011	<0.051	U		<0.051	U		<0.16	U		0.02	J		<0.049	U		<0.055	U	
		VMP-12-11.5-012412	1/24/2012	<0.48	U		<0.48	U		<1.5	U		<0.79	U		<0.46	U		<0.52	U	
		VMP-12-11.5-041912	4/19/2012	<0.043	U		<0.043	U		<0.14	U		<0.072	U		0.005	J		<0.047	U	
		VMP-12-11.5-082012	8/20/2012	<0.0069	U		<0.0069	U		<0.022	U		0.045		J	0.0029	J		<0.0074	U	
		VMP-12-11.5-102612	10/26/2012	<0.0066	U		<0.0066	U		<0.021	U		0.025			<0.0063	U		<0.0071	U	
		VMP-12-11.5-021813	2/18/2013	<0.0066	U		<0.0066	U		<0.021	U		<0.011	U		<0.0063	U		<0.0071	U	
		VMP-12-11.5-051013	5/10/2013	<0.0063	U		<0.0063	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U	
	25 ft	VMP-12-25	11/13/2009	<51	U		<51	U		<160	U		<85	U		<49	U		<56	U	
		VMP-12-25-090310	9/3/2010	<10	U		<10	U		<32	U		<16	U		14			<11	U	
		VMP-12-25-120310	12/3/2010	<0.49	U		<0.49	U		<1.6	U		<0.82	U		<0.47	U		<0.54	U	
		VMP-12-25-021511	2/15/2011	<12	U		<12	U		<38	U		<20	U		4.1	J		<13	U	
		VMP-12-25-041911	4/19/2011	<20	U		<20	U		<63	U		<33	U		<19	U		<21	U	
		VMP-12-25-080411	8/4/2011	<12	U		<12	U		<40	U		<21	U		<12	U		<14	U	
		VMP-12-25-111611	11/16/2011	<14	U		<14	U		<45	U		<24	U		<14	U		<15	U	
		VMP-12-25-012412	1/24/2012	<5.4	U		<5.4	U		<17	U		<9	U		<5.2	U		<5.9	U	
		VMP-12-25-012412-DUP	1/24/2012	<40	U		<40	U		<130	U		<66	U		<38	U		<43	U	
		VMP-12-25-041912	4/19/2012	<4.2	U		<4.2	U		<13	U		<6.9	U		<4	U		<4.5	U	
		VMP-12-25-072712	7/27/2012	<4.6	U		<4.6	U		<14	U		<7.6	U		<4.4	U		<4.9	U	
		VMP-12-25-072712-Dup	7/27/2012	<4.6	U		<4.6	U		<14	U		<7.6	U		<4.4	U		<4.9	U	
		VMP-12-25-102512	10/25/2012	<2	U		<2	U		<6.2	U		<3.2	U		<1.9	U		<2.1	U	
		VMP-12-25-021513	2/15/2013	<3.6	U		<3.6	U		<12	U		<6.1	U		<3.5	U		<4	U	
		VMP-12-25-051013	5/10/2013	<12	U		<12	U		<38	U		<20	U		<12	U		<13	U	
	39 ft	VMP-12-39	11/13/2009	<54	U		<54	U		<170	U		<89	U		71			<58	U	
		VMP-12-39-041911	4/19/2011	<19	U		<19	U		<61	U		<32	U		10	J		<21	U	
		VMP-12-39-012412	1/24/2012	<40	U		<40	U		<130	U		<66	U		3.5	J		<43	U	
		VMP-12-39-041912	4/19/2012	<20	U		<20	U		<63	U		<33	U		3	J		<22	U	
		VMP-12-39-072612	7/26/2012	<9.1	U		<9.1	U		<29	U		<15	U		<8.7	U		<9.9	U	
		VMP-12-39-102412	10/24/2012	<24	U		<24	U		<76	U		<40	U		4.6	J		<26	U	
		VMP-12-39-021513	2/15/2013	<11	U		<11	U		<35	U		<18	U		41			9.2	J	
		VMP-12-39-051013	5/10/2013	<19	U		<19	U		<60	U		<32	U		24			3.6	J	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-12	5 ft	VMP-12-5	11/13/2009	<24	U		<22	U		17			<130	U		200			<52	U	
		VMP-12-5-090310	9/3/2010	<10	U		<9.4	U		<5.5	U		<57	U		11			<22	U	
		VMP-12-5-120310	12/3/2010	<100	U		<93	U		<54	U		<570	U		370			<220	U	
		VMP-12-5-021511	2/15/2011	<4.7	U		<4.3	U		<2.5	U		<26	U		9.6			<10	U	
		VMP-12-5-041911	4/19/2011	<34	U		<31	U		<18	U		<190	U		5.1	J		<73	U	
		VMP-12-5-080411	8/4/2011	<8.8	U		<8.1	U		<4.7	U		<49	U		16			<19	U	
		VMP-12-5-111611	11/16/2011	<0.0062	U		<0.0057	U		0.0046			<0.035	U		0.036			0.00029	J	
		VMP-12-5-012412	1/24/2012	<0.07	U		<0.064	U		0.4			<0.39	U		3.5			<0.15	U	
		VMP-12-5-041912	4/19/2012	<0.007	U		<0.0064	U		0.012			<0.039	U		0.019			<0.015	U	
		VMP-12-5-072612	7/26/2012	<0.0075	U		<0.0068	U		0.0081			<0.042	U		0.0084		J	<0.016	U	
		VMP-12-5-072612-Dup	7/26/2012	<0.0068	U		<0.0062	U		0.0006	J		<0.038	U		0.00045	J	J	<0.014	U	
		VMP-12-5-102412	10/24/2012	<0.011	U		<0.01	U		<0.0061	U		<0.064	U		0.0026	J		<0.024	U	
		VMP-12-5-021813	2/18/2013	<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0034	J		<0.022	U	
		VMP-12-5-051013	5/10/2013	<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0017	J		<0.023	U	
	11.5 ft	VMP-12-11.5	11/13/2009	<42	U		<38	U		<22	U		<230	U		230			<90	U	
		VMP-12-11.5-090310	9/3/2010	<13	U		<12	U		4.5	J		<74	U		41			<28	U	
		VMP-12-11.5-120310	12/3/2010	<11	U		<10	U		<6.1	U		<64	U		11			<24	U	
		VMP-12-11.5-021511	2/15/2011	<10	U		<9.4	U		<5.5	U		<57	U		18			<22	U	
		VMP-12-11.5-021511-DUP	2/15/2011	<8.8	U		<8.1	U		<4.7	U		<49	U		15			<19	U	
		VMP-12-11.5-041911	4/19/2011	<31	U		<28	U		<16	U		<170	U		6.9	J		<66	U	
		VMP-12-11.5-080411	8/4/2011	<11	U		<9.8	U		<5.8	U		<60	U		9.1			<23	U	
		VMP-12-11.5-111611	11/16/2011	<0.086	U		<0.079	U		<0.046	U		<0.48	U		0.054			<0.18	U	
		VMP-12-11.5-012412	1/24/2012	<0.8	U		<0.73	U		<0.43	U		<4.5	U		1.6			<1.7	U	
		VMP-12-11.5-041912	4/19/2012	<0.073	U		<0.067	U		<0.039	U		<0.41	U		0.023	J		<0.16	U	
		VMP-12-11.5-082012	8/20/2012	<0.012	U		<0.01	U		<0.0062	U		<0.065	U		0.002	J		<0.025	U	
		VMP-12-11.5-102612	10/26/2012	<0.011	U		<0.01	U		0.0016	J		<0.062	U		0.0057			<0.024	U	
		VMP-12-11.5-021813	2/18/2013	<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.00098	J		<0.024	U	
		VMP-12-11.5-051013	5/10/2013	<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U		<0.023	U	
	25 ft	VMP-12-25	11/13/2009	<87	U		<79	U		220			<480	U		1200			<180	U	
		VMP-12-25-090310	9/3/2010	<17	U		<15	U		100			<94	U		860			<36	U	
		VMP-12-25-120310	12/3/2010	<0.84	U		<0.76	U		<0.45	U		<4.6	U		0.55			<1.8	U	
		VMP-12-25-021511	2/15/2011	<20	U		<18	U		32			<110	U		180			<44	U	
		VMP-12-25-041911	4/19/2011	<33	U		<30	U		10	J		<180	U		110			<71	U	
		VMP-12-25-080411	8/4/2011	<21	U		<19	U		9.2	J		<120	U		190			<45	U	
		VMP-12-25-111611	11/16/2011	<24	U		<22	U		<13	U		<130	U		40			<51	U	
		VMP-12-25-012412	1/24/2012	<9.2	U		<8.4	U		<4.9	U		<51	U		40		J	<20	U	
		VMP-12-25-012412-DUP	1/24/2012	<67	U		<61	U		<36	U		<370	U		36			<140	U	
		VMP-12-25-041912	4/19/2012	<7	U		<6.4	U		<3.7	U		<39	U		9.9			<15	U	
		VMP-12-25-072712	7/27/2012	<7.7	U		<7	U		<4.1	U		<43	U		<3.5	U		<16	U	
		VMP-12-25-072712-Dup	7/27/2012	<7.7	U		<7	U		<4.1	U		<43	U		<3.5	U		<16	U	
		VMP-12-25-102512	10/25/2012	<3.3	U		<3	U		<1.8	U		<18	U		<1.5	U		<7.1	U	
		VMP-12-25-021513	2/15/2013	<6.2	U		<5.6	U		<3.3	U		<34	U		6.6		J	<13	U	
		VMP-12-25-051013	5/10/2013	<20	U		<18	U		<11	U		<110	U		<9.3	U		<43	U	
	39 ft	VMP-12-39	11/13/2009	<91	U		<83	U		370			<500	U		1400			<190	U	
		VMP-12-39-041911	4/19/2011	<32	U		<29	U		180			<180	U		1200			<69	U	
		VMP-12-39-012412	1/24/2012	<67	U		<61	U		280			<370	U		1900			<140	U	
		VMP-12-39-041912	4/19/2012	<34	U		<30	U		150			<190	U		840			<72	U	
		VMP-12-39-072612	7/26/2012	<15	U		<14	U		26			<86	U		240			<33	U	
		VMP-12-39-102412	10/24/2012	<41	U		<37	U		<22	U		<230	U		58			<87	U	
		VMP-12-39-021513	2/15/2013	<18	U		<17	U		78			<100	U		220			<40	U	
		VMP-12-39-051013	5/10/2013	<32	U		<29	U		40			<180	U		99			<68	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Isopentane			Isopropylbenzene (Cumene) 3500			4-Methyl-2-pentanone (Methyl			Methyl tert-Butyl Ether (MTBE) 23000			2-Propanol			n-Propylbenzene		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-12	5 ft	VMP-12-5	11/13/2009				<16	U		<13	U		<11	U		<31	U		<16	U	
		VMP-12-5-090310	9/3/2010				2.9	J		<5.5	U		<4.8	U		3.6	J		3	J	
		VMP-12-5-120310	12/3/2010				18	J		<54	U		<48	U		<130	U		20	J	
		VMP-12-5-021511	2/15/2011				<3	U		<2.5	U		<2.2	U		<6	U		<3	U	
		VMP-12-5-041911	4/19/2011	9700			<22	U		<18	U		<16	U		<44	UJ	UJ	<22	U	
		VMP-12-5-080411	8/4/2011	7700			<5.7	U		<4.7	U		<4.2	U		<11	U		<5.7	U	
		VMP-12-5-111611	11/16/2011	0.26			0.0019	J		0.013			<0.0029	U		0.013			<0.004	U	
		VMP-12-5-012412	1/24/2012	12			0.0062	J		0.08			<0.033	U		0.019	J		<0.045	U	
		VMP-12-5-041912	4/19/2012	0.029			0.014			0.0051			<0.0033	U		0.0062	J		0.01		
		VMP-12-5-072612	7/26/2012	0.026			0.0011	J		0.0044			<0.0035	U		0.14		J	0.00081	J	
		VMP-12-5-072612-Dup	7/26/2012	0.0032	J		<0.0044	U		<0.0036	U		<0.0032	U		0.0013	J	J	<0.0044	U	
		VMP-12-5-102412	10/24/2012	0.008	J		0.0031	J		0.009			<0.0054	U		0.0063	J		<0.0074	J	U
		VMP-12-5-021813	2/18/2013	0.026			0.0017	J		0.0081			<0.0048	U		0.012	J		0.002	J	
		VMP-12-5-051013	5/10/2013	0.021			0.0014	J		0.0028	J		<0.0051	U		0.14			<0.0069	U	
	11.5 ft	VMP-12-11.5	11/13/2009				<27	U		<22	U		<20	U		<54	U		<27	U	
		VMP-12-11.5-090310	9/3/2010				9.1			<7.1	U		<6.2	U		2.4	J		11		
		VMP-12-11.5-120310	12/3/2010				<7.3	U		<6.1	U		<5.4	U		<15	U		<7.3	U	
		VMP-12-11.5-021511	2/15/2011				<6.6	U		<5.5	U		<4.8	U		<13	U		2.4	J	
		VMP-12-11.5-021511-DUP	2/15/2011				<5.7	U		<4.7	U		<4.2	U		<11	U		1.9	J	
		VMP-12-11.5-041911	4/19/2011	11000			<20	U		<16	U		<14	U		<40	UJ	UJ	<20	U	
		VMP-12-11.5-080411	8/4/2011	4800			<6.9	U		<5.8	U		<5.1	U		<14	U		<6.9	U	
		VMP-12-11.5-111611	11/16/2011	12			0.007	J		0.017	J		<0.04	U		<0.11	U		<0.055	U	
		VMP-12-11.5-012412	1/24/2012	410			<0.52	U		<0.43	U		<0.38	U		<1	U		<0.52	U	
		VMP-12-11.5-041912	4/19/2012	14			0.014	J		<0.039	U		<0.034	U		<0.094	U		0.016	J	
		VMP-12-11.5-082012	8/20/2012	0.006	J		0.096			0.18			<0.0055	U		0.026			0.0016	J	
		VMP-12-11.5-102612	10/26/2012	0.066			0.016			0.032			<0.0052	U		0.016		J	<0.0071	U	
		VMP-12-11.5-021813	2/18/2013	<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U		0.013	J		<0.0071	U	
		VMP-12-11.5-051013	5/10/2013	<0.016	U		<0.0068	U		<0.0057	U		<0.005	U		0.0042	J		<0.0068	U	
	25 ft	VMP-12-25	11/13/2009				<56	U		<46	U		<41	U		<110	U		<56	U	
		VMP-12-25-090310	9/3/2010				20			<9	U		<7.9	U		<22	U		26		
		VMP-12-25-120310	12/3/2010				<0.54	U		<0.45	U		<0.39	U		<1.1	U		<0.54	U	
		VMP-12-25-021511	2/15/2011				9.2	J		<11	U		<9.6	U		<26	U		9.7	J	
		VMP-12-25-041911	4/19/2011	8300			8.6	J		<18	U		<16	U		<43	UJ	UJ	8.1	J	
		VMP-12-25-080411	8/4/2011	9200			<14	U		<11	U		<9.9	U		<27	U		<14	U	
		VMP-12-25-111611	11/16/2011	8900			<15	U		<13	U		<11	U		<31	U		<15	U	
		VMP-12-25-012412	1/24/2012	12000			0.77	J	J	<4.9	U		<4.3	U		<12	U		<5.9	U	
		VMP-12-25-012412-DUP	1/24/2012	12000			<43	U		<36	U		<32	U		<86	U		<43	U	
		VMP-12-25-041912	4/19/2012	8400			<4.5	U		<3.7	U		<3.3	U		<9	U		<4.5	U	
		VMP-12-25-072712	7/27/2012	1400		J	<4.9	U		<4.1	U		<3.6	U		<9.9	U		<4.9	U	
		VMP-12-25-072712-Dup	7/27/2012	1800		J	<4.9	U		<4.1	U		<3.6	U		<9.9	U		<4.9	U	
		VMP-12-25-102512	10/25/2012	180			<2.1	U		<1.8	U		<1.6	U		<4.2	U		<2.1	U	
		VMP-12-25-021513	2/15/2013	1400		J	<4	U		<13	U		<2.9	U		<7.9	U		<4	U	
		VMP-12-25-051013	5/10/2013	2500			<13	U		<11	U		<9.6	UJ	UJ	<26	U		<13	U	
	39 ft	VMP-12-39	11/13/2009				<58	U		<48	U		<43	U		<120	U		<58	U	
		VMP-12-39-041911	4/19/2011	7800			9.7	J		<17	U		<15	U		<41	UJ	UJ	10	J	
		VMP-12-39-012412	1/24/2012	12000			<43	U		<36	U		<32	U		<86	U		<43	U	
		VMP-12-39-041912	4/19/2012	8200			<22	U		<18	U		<16	U		19	J		<22	U	
		VMP-12-39-072612	7/26/2012	5400			<9.9	U		<8.2	U		<7.2	U		1.6	J		<9.9	U	
		VMP-12-39-102412	10/24/2012	2000			<26	U		<22	U		2.2	J		<52	U		<26	U	
		VMP-12-39-021513	2/15/2013	4100			17			<40	U		<8.7	U		<24	U		20		
		VMP-12-39-051013	5/10/2013	3300			6	J		<17	U		<15	UJ	UJ	<41	U		8.3	J	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
				8500						4						40000			50		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-12	5 ft	VMP-12-5	11/13/2009	<13	U		<22	U		<21	U		<9.3	U		<12	U		<94	U	UJ
		VMP-12-5-090310	9/3/2010	<5.7	U		<9.2	U		<9.1	U		<4	U		1	J		<40	U	
		VMP-12-5-120310	12/3/2010	<57	U		<91	U		<90	U		<39	U		<50	U		<390	U	
		VMP-12-5-021511	2/15/2011	<2.6	U		<4.2	U		<4.1	U		<1.8	U		0.74	J		<18	U	
		VMP-12-5-041911	4/19/2011	<19	U		<31	U		<30	U		<13	U	UJ	11	J		<130	U	
		VMP-12-5-080411	8/4/2011	<4.9	U		<7.9	U		<7.8	U		<3.4	U		<4.4	U		<34	U	
		VMP-12-5-111611	11/16/2011	<0.0035	U		<0.0056	U		<0.0055	U		<0.0024	U		0.0083			<0.024	U	
		VMP-12-5-012412	1/24/2012	<0.039	U		<0.063	U		<0.062	U		<0.027	U		0.016	J		<0.27	U	
		VMP-12-5-041912	4/19/2012	<0.0039	U		<0.0063	U		<0.0062	U		<0.0027	U		0.006			<0.027	U	
		VMP-12-5-072612	7/26/2012	0.00093	J		<0.0067	U		<0.0066	U		<0.0029	U		0.011		J	<0.029	U	
		VMP-12-5-072612-Dup	7/26/2012	<0.0038	U		<0.0061	U		<0.006	U		<0.0026	U		0.0016	J	J	<0.026	U	
		VMP-12-5-102412	10/24/2012	<0.0064	U		<0.01	U		0.0036	J		<0.0044	U		0.016			<0.044	U	
		VMP-12-5-021813	2/18/2013	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0021	J		<0.04	U	
		VMP-12-5-051013	5/10/2013	<0.006	U		<0.0097	U		<0.0096	U		0.0017	J		0.0054			<0.042	U	
	11.5 ft	VMP-12-11.5	11/13/2009	<23	U		<38	U		<37	U		<16	U		<21	U		<160	U	UJ
		VMP-12-11.5-090310	9/3/2010	<7.3	U		<12	U		<12	U		<5.1	U		1.1	J		<51	U	
		VMP-12-11.5-120310	12/3/2010	<6.4	U		<10	U		<10	U		<4.4	U		<5.6	U		<44	U	
		VMP-12-11.5-021511	2/15/2011	<5.7	U		<9.2	U		<9.1	U		<4	U		1.5	J		<40	U	
		VMP-12-11.5-021511-DUP	2/15/2011	<4.9	U		<7.9	U		<7.8	U		<3.4	U		1.7	J		<34	U	
		VMP-12-11.5-041911	4/19/2011	<17	U		<28	U		<27	U		<12	U	UJ	<15	U		<120	U	
		VMP-12-11.5-080411	8/4/2011	<6	U		<9.7	U		<9.6	U		<4.2	U		<5.3	U		<42	U	
		VMP-12-11.5-111611	11/16/2011	<0.048	U		<0.077	U		<0.076	U		<0.033	U		0.014	J		<0.33	U	
		VMP-12-11.5-012412	1/24/2012	<0.45	U		<0.72	U		<0.71	U		<0.31	U		0.21	J		<3.1	U	
		VMP-12-11.5-041912	4/19/2012	<0.041	U		<0.066	U		<0.065	U		<0.028	U		0.014	J		<0.28	U	
		VMP-12-11.5-082012	8/20/2012	0.0029	J		<0.01	U		<0.01	U		<0.0045	U		0.015			<0.045	U	
		VMP-12-11.5-102612	10/26/2012	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0048	J		<0.11	U	UJ
		VMP-12-11.5-021813	2/18/2013	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.00094	J		<0.043	U	
		VMP-12-11.5-051013	5/10/2013	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U	
	25 ft	VMP-12-25	11/13/2009	<48	U		<78	U		<77	U		<33	U		<42	U		<340	UJ	UJ
		VMP-12-25-090310	9/3/2010	<9.4	U		<15	U		<15	U		<6.5	U		2.9	J		<65	U	
		VMP-12-25-120310	12/3/2010	<0.46	U		<0.75	U		<0.74	U		<0.32	U		<0.41	U		<3.2	U	
		VMP-12-25-021511	2/15/2011	<11	U		<18	U		<18	U		<7.8	U		12			<79	U	
		VMP-12-25-041911	4/19/2011	<18	U		<30	U		<29	U		<13	U	UJ	<16	U		<130	U	
		VMP-12-25-080411	8/4/2011	<12	U		<19	U		<19	U		<8.1	U		<10	U		<82	U	
		VMP-12-25-111611	11/16/2011	<13	U		<22	U		<21	U		<9.2	U		23			<93	U	
		VMP-12-25-012412	1/24/2012	<5.1	U		<8.2	U		<8.1	U		<3.5	U		0.96	J	J	<36	U	
		VMP-12-25-012412-DUP	1/24/2012	<37	U		<60	U		<59	U		<26	U		<33	U		<260	U	
		VMP-12-25-041912	4/19/2012	<3.9	U		<6.3	U		<6.2	U		<2.7	U		<3.4	U		<27	U	
		VMP-12-25-072712	7/27/2012	<4.3	U		<6.9	U		<6.8	U		<3	U		<3.8	U		<30	U	
		VMP-12-25-072712-Dup	7/27/2012	<4.3	U		<6.9	U		<6.8	U		<3	U		<3.8	U		<30	U	
		VMP-12-25-102512	10/25/2012	<1.8	U		<3	U		<2.9	U		<1.3	U		<1.6	U		<13	U	UJ
		VMP-12-25-021513	2/15/2013	<3.4	U		<5.5	U		<5.5	U		<2.4	U		<3	U		<24	U	
		VMP-12-25-051013	5/10/2013	4.7	J		<18	U		<18	U		<7.8	U		<10	U		<79	U	
	39 ft	VMP-12-39	11/13/2009	<50	U		<81	U		<80	U		<35	U		<45	U		<350	UJ	UJ
		VMP-12-39-041911	4/19/2011	<18	U		<29	U		<28	U		<12	U	UJ	<16	U		<120	U	
		VMP-12-39-012412	1/24/2012	<37	U		<60	U		<59	U		<26	U		5.7	J		<260	U	
		VMP-12-39-041912	4/19/2012	<19	U		<30	U		<30	U		<13	U		8.4	J		<130	U	
		VMP-12-39-072612	7/26/2012	<8.6	U		<14	U		<14	U		<5.9	U		1.1	J		<60	U	
		VMP-12-39-102412	10/24/2012	<22	U		<36	U		<36	U		<16	U		14	J		<160	U	
		VMP-12-39-021513	2/15/2013	<10	U		<17	U		<16	U		<7.1	U		3.1	J		<72	U	
		VMP-12-39-051013	5/10/2013	<18	U		<29	U		<28	U		<12	U		<16	U		<120	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl			1,1,2-Trichloroethane			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene		
				41000			170000			12			5600								
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-12	5 ft	VMP-12-5	11/13/2009	<17	U		<17	U		<17	U		<18	U		<16	U		<16	U	
		VMP-12-5-090310	9/3/2010	<7.3	U		<7.3	U		<7.2	U		<7.6	U		<6.6	U		<6.6	U	
		VMP-12-5-120310	12/3/2010	<72	U		<72	U		<71	U		<75	U		<65	U		<65	U	
		VMP-12-5-021511	2/15/2011	<3.3	U		<3.3	U		<3.3	U		<3.4	U		<3	U		<3	U	
		VMP-12-5-041911	4/19/2011	<24	U		<24	U		<24	U		<25	U		<22	U		<22	U	
		VMP-12-5-080411	8/4/2011	<6.3	U		<6.3	U		<6.2	U		<6.5	U		<5.7	U		<5.7	U	
		VMP-12-5-111611	11/16/2011	<0.0044	U		<0.0044	U		<0.0044	U		<0.0046	U		0.0009	J		<0.004	U	
		VMP-12-5-012412	1/24/2012	<0.05	U		<0.05	U		<0.049	U		<0.051	U		0.011	J		<0.045	U	
		VMP-12-5-041912	4/19/2012	<0.005	U		<0.005	U		<0.0049	U		0.0016	J		0.0014	J		<0.0045	U	
		VMP-12-5-072612	7/26/2012	<0.0053	U		<0.0053	U		<0.0052	U		0.0012	J		0.0017	J		0.00084	J	
		VMP-12-5-072612-Dup	7/26/2012	<0.0048	U		<0.0048	U		<0.0048	U		0.0018	J		<0.0044	U		<0.0044	U	
		VMP-12-5-102412	10/24/2012	<0.0082	U		<0.0082	U		<0.0081	U		0.0015	J		0.003	J		0.0014	J	
		VMP-12-5-021813	2/18/2013	<0.0073	U		<0.0073	U		<0.0072	U		0.0014	J		0.0021	J	J	<0.0066	U	
		VMP-12-5-051013	5/10/2013	<0.0077	U		<0.0077	U		<0.0076	U		0.0016	J		<0.0069	U		<0.0069	U	
	11.5 ft	VMP-12-11.5	11/13/2009	<30	U		<30	U		<30	U		<31	U		<27	U		<27	U	
		VMP-12-11.5-090310	9/3/2010	<9.4	U		<9.4	U		<9.3	U		<9.7	U		<8.5	U		<8.5	U	
		VMP-12-11.5-120310	12/3/2010	<8.2	U		<8.2	U		<8	U		<8.4	U		<7.3	U		<7.3	U	
		VMP-12-11.5-021511	2/15/2011	<7.3	U		<7.3	U		<7.2	U		<7.5	U		<6.6	U		<6.6	U	
		VMP-12-11.5-021511-DUP	2/15/2011	<6.3	U		<6.3	U		<6.2	U		<6.5	U		<5.7	U		<5.7	U	
		VMP-12-11.5-041911	4/19/2011	<22	U		<22	U		<22	U		<23	U		<20	U		<20	U	
		VMP-12-11.5-080411	8/4/2011	<7.7	U		<7.7	U		<7.6	U		<7.9	U		<6.9	U		<6.9	U	
		VMP-12-11.5-111611	11/16/2011	<0.061	U		<0.061	U		<0.06	U		<0.063	U		<0.055	U		<0.055	U	
		VMP-12-11.5-012412	1/24/2012	<0.57	U		<0.57	U		<0.56	U		<0.59	U		<2.1	U		<0.52	U	
		VMP-12-11.5-041912	4/19/2012	<0.052	U		<0.052	U		<0.051	U		<0.054	U		<0.047	U		<0.047	U	
		VMP-12-11.5-082012	8/20/2012	<0.0083	U		<0.0083	U		<0.0081	U		0.0022	J	J	0.0056	J		0.0028	J	
		VMP-12-11.5-102612	10/26/2012	<0.0079	U		<0.0079	U		<0.0078	U		<0.0081	U		0.0017	J		<0.0071	U	
		VMP-12-11.5-021813	2/18/2013	<0.0079	U		<0.0079	U		0.0019	J		<0.0081	U		<0.0071	U		<0.0071	U	
		VMP-12-11.5-051013	5/10/2013	<0.0076	U		<0.0076	U		<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U	
	25 ft	VMP-12-25	11/13/2009	<62	U		<62	U		<61	U		<63	U		<56	U		<56	U	
		VMP-12-25-090310	9/3/2010	<12	U		<12	U		<12	U		<12	U		<11	U		<11	U	
		VMP-12-25-120310	12/3/2010	<0.59	U		<0.59	U		<0.58	U		<0.61	U		<0.54	U		<0.54	U	
		VMP-12-25-021511	2/15/2011	<14	U		<14	U		<14	U		<15	U		<13	U		<13	U	
		VMP-12-25-041911	4/19/2011	<24	U		<24	U		<23	U		<24	U		<21	U		<21	U	
		VMP-12-25-080411	8/4/2011	<15	U		<15	U		<15	U		<15	U		<14	U		<14	U	
		VMP-12-25-111611	11/16/2011	<17	U		<17	U		<17	U		<18	U		<15	U		<15	U	
		VMP-12-25-012412	1/24/2012	<6.5	U		<6.5	U		<6.4	U		<6.7	U		<24	U		<5.9	U	
		VMP-12-25-012412-DUP	1/24/2012	<48	U		<48	U		<47	U		<49	U		<170	U		<43	U	
		VMP-12-25-041912	4/19/2012	<5	U		<5	U		<4.9	U		<5.1	U		<4.5	U		<4.5	U	
		VMP-12-25-072712	7/27/2012	<5.5	U		<5.5	U		<5.4	U		<5.6	U		<4.9	U		<4.9	U	
		VMP-12-25-072712-Dup	7/27/2012	<5.5	U		<5.5	U		<5.4	U		<5.6	U		<4.9	U		<4.9	U	
		VMP-12-25-102512	10/25/2012	<2.4	U		<2.4	U		<2.3	U		<2.4	U		<2.1	U		<2.1	U	
		VMP-12-25-021513	2/15/2013	<4.4	U		<4.4	U		2.1	J	J	<4.5	U		<4	U		<4	U	
		VMP-12-25-051013	5/10/2013	<14	U		<14	U		<14	U		<15	U		<13	U		<13	U	
	39 ft	VMP-12-39	11/13/2009	<65	U		<65	U		<64	U		<66	U		<58	U		<58	U	
		VMP-12-39-041911	4/19/2011	<23	U		<23	U		<23	U		<24	U		<21	U		<21	U	
		VMP-12-39-012412	1/24/2012	<48	U		<48	U		<47	U		<49	U		<170	U		<43	U	
		VMP-12-39-041912	4/19/2012	<24	U		<24	U		<24	U		<24	U		<22	U		<22	U	
		VMP-12-39-072612	7/26/2012	<11	U		<11	U		<11	U		<11	U		<9.9	U		<9.9	U	
		VMP-12-39-102412	10/24/2012	<29	U		<29	U		<28	U		<30	U		<26	U		<26	U	
		VMP-12-39-021513	2/15/2013	<13	U		<13	U		6.4	J		<14	U		16			<12	U	
		VMP-12-39-051013	5/10/2013	<23	U		<23	U		<22	U		<24	U		4.7	J	J	<20	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylene			o-Xylenes		
							4.8			820			790		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-12	5 ft	VMP-12-5	11/13/2009	1500			<8.1	U		<14	U		<14	U	
		VMP-12-5-090310	9/3/2010	1700			<3.4	U		<5.8	U		<5.8	U	
		VMP-12-5-120310	12/3/2010	1700			<34	U		<58	U		<58	U	
		VMP-12-5-021511	2/15/2011	610			<1.6	U		<2.6	U		<2.6	U	
		VMP-12-5-041911	4/19/2011	1100			<11	U		7.9	J		<19	U	
		VMP-12-5-080411	8/4/2011	700			<3	U		<5	U		<5	U	
		VMP-12-5-111611	11/16/2011	0.95			<0.0021	U		0.0018	J		0.00046	J	
		VMP-12-5-012412	1/24/2012	2.9			<0.023	U		0.013	J		<0.04	U	
		VMP-12-5-041912	4/19/2012	0.4			<0.0023	U		0.0042			<0.004	U	
		VMP-12-5-072612	7/26/2012	0.0065			<0.0025	U		0.0052			0.0018	J	
		VMP-12-5-072612-Dup	7/26/2012	0.00079	J		<0.0023	U		0.001	J		0.00082	J	
		VMP-12-5-102412	10/24/2012	0.0058	J		<0.0038	U		0.012			0.0054	J	
		VMP-12-5-021813	2/18/2013	0.11			<0.0034	U		0.0012	J		<0.0058	U	
		VMP-12-5-051013	5/10/2013	0.0047	J		<0.0036	U		0.0019	J		<0.0061	U	
	11.5 ft	VMP-12-11.5	11/13/2009	1500			<14	U		<24	U		<24	U	
		VMP-12-11.5-090310	9/3/2010	1700			<4.4	U		<7.5	U		<7.5	U	
		VMP-12-11.5-120310	12/3/2010	910			<3.8	U		<6.5	U		<6.5	U	
		VMP-12-11.5-021511	2/15/2011	1300			<3.4	U		<5.8	U		<5.8	U	
		VMP-12-11.5-021511-DUP	2/15/2011	1100			<3	U		<5	U		<5	U	
		VMP-12-11.5-041911	4/19/2011	1200			<10	U		<18	U		<18	U	
		VMP-12-11.5-080411	8/4/2011	420			<3.6	U		<6.1	U		<6.1	U	
		VMP-12-11.5-111611	11/16/2011	4.7			<0.029	U		<0.049	U		<0.049	U	
		VMP-12-11.5-012412	1/24/2012	64			<0.27	U		0.13	J		<0.46	U	
		VMP-12-11.5-041912	4/19/2012	15			<0.024	U		<0.041	U		<0.041	U	
		VMP-12-11.5-082012	8/20/2012	0.012			<0.0039	U		0.0038	J		0.0022	J	
		VMP-12-11.5-102612	10/26/2012	0.02			<0.0037	U		0.0022	J		<0.0063	U	
		VMP-12-11.5-021813	2/18/2013	0.0016	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-12-11.5-051013	5/10/2013	0.22			<0.0035	U		<0.006	U		<0.006	U	
	25 ft	VMP-12-25	11/13/2009	1600			<29	U		<49	U		<49	U	
		VMP-12-25-090310	9/3/2010	1300			<5.6	U		<9.6	U		<9.6	U	
		VMP-12-25-120310	12/3/2010	120			<0.28	U		<0.47	U		<0.47	U	
		VMP-12-25-021511	2/15/2011	990			<6.8	U		5.8	J		<12	U	
		VMP-12-25-041911	4/19/2011	980			<11	U		<19	U		<19	U	
		VMP-12-25-080411	8/4/2011	720			<7	U		<12	U		<12	U	
		VMP-12-25-111611	11/16/2011	940			<8	U		<14	U		<14	U	
		VMP-12-25-012412	1/24/2012	1200		J	<3.1	U		<5.2	U		<5.2	U	
		VMP-12-25-012412-DUP	1/24/2012	1200			<22	U		<38	U		<38	U	
		VMP-12-25-041912	4/19/2012	520			<2.3	U		<4	U		<4	U	
		VMP-12-25-072712	7/27/2012	450			<2.6	U		<4.4	U		<4.4	U	
		VMP-12-25-072712-Dup	7/27/2012	540			<2.6	U		<4.4	U		<4.4	U	
		VMP-12-25-102512	10/25/2012	140			<1.1	U		<1.9	U		<1.9	U	
		VMP-12-25-021513	2/15/2013	1200		J	<2	U		<3.5	U		<3.5	U	
		VMP-12-25-051013	5/10/2013	1900			<6.8	U		<12	U		<12	U	
	39 ft	VMP-12-39	11/13/2009	1500			<30	U		<51	U		<51	U	
		VMP-12-39-041911	4/19/2011	1100			<11	U		<18	U		<18	U	
		VMP-12-39-012412	1/24/2012	1200			<22	U		<38	U		<38	U	
		VMP-12-39-041912	4/19/2012	680			<11	U		4	J		<19	U	
		VMP-12-39-072612	7/26/2012	1000			<5.1	U		<8.7	U		<8.7	U	
		VMP-12-39-102412	10/24/2012	770			<14	U		10	J		2.1	J	
		VMP-12-39-021513	2/15/2013	3600			<6.2	U		21			<10	U	
		VMP-12-39-051013	5/10/2013	2000			<11	U		8.8	J		<18	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	Acetone			alpha-Chlorotoluene			Benzene			Bromodichloromethane			Bromoform		
				750000						2.8			450000			52		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-13	5 ft	VMP-13-5	11/16/2009	<23	U		<12	U		5900			<16	U		<25	U	
		VMP 13-5-091310	9/13/2010	0.032	J		<0.046	U		9			<0.059	U		<0.091	U	
		VMP-13-5-120110	12/1/2010	0.013			<0.006	U		0.0049			<0.0078	U		<0.012	U	
		VMP-13-5-021811	2/18/2011	0.013	J		<0.0071	U		0.0023	J		<0.0092	U		<0.014	U	
		VMP-13-5-040511	4/5/2011	0.017	J		<0.014	U		0.048			<0.018	U		<0.028	U	
		VMP-13-5-080911	8/9/2011	0.061		J	<0.015	J	U	0.026		J	<0.02	U		<0.031	U	
		VMP-13-5-080911-DUP	8/9/2011	0.095		J	<0.014	U		0.018		J	<0.018	U		<0.027	U	
		VMP-13-5-111411	11/14/2011	0.01			<0.0048	U		0.011			<0.0062	U		<0.0095	U	
		VMP-13-5-012712	1/27/2012	0.034	J	J	<0.16	U		8.2		J	<0.052	U		<0.32	U	
		VMP-13-5-042012	4/20/2012	0.019	J		<0.0046	J	U	0.0027	J		<0.006	U		<0.0092	U	
		VMP-13-5-071912	7/19/2012	0.1			<0.0048	U	UJ	0.0039			<0.0063	U		<0.0097	U	
		VMP-13-5-071912-Dup	7/19/2012	0.097			<0.0048	U	UJ	0.004			<0.0063	U		<0.0097	U	
		VMP-13-5-100912	10/9/2012	0.023	J		<0.0075	U		0.017			<0.0097	U		<0.015	U	
		VMP-13-5-012913	1/29/2013	0.0062	J		<0.008	U		0.0038	J		<0.01	U		<0.016	U	
		VMP-13-5-050113	5/1/2013	0.02	J		<0.007	U		0.0043			<0.0091	U		<0.014	U	
	10.5 ft	VMP-13-10.5	11/17/2009	<2.8	U		<1.5	U		500			<2	U		<3.1	U	
		VMP-13-10.5-D	11/17/2009	<2.9	U		<1.6	U		570			<2.1	U		<3.2	U	
		VMP 13-10.5-091310	9/13/2010	0.017	J		<0.017	U		3.3			<0.022	U		<0.034	U	
		VMP 13-10.5-091310-Dup	9/13/2010	0.07			<0.016	U		3.4			<0.021	U		<0.033	U	
		VMP-13-10.5-120110	12/1/2010	0.012			<0.0067	U		0.0045			<0.0087	U		<0.013	U	
		VMP-13-10.5-120110-DUP	12/1/2010	<0.013	J	U	<0.007	U		0.0066			<0.009	U		<0.014	U	
		VMP-13-10.5-021811	2/18/2011	2.8	J		<2.8	U		420			<3.6	U		<5.5	U	
		VMP-13-10.5-021811-DUP	2/18/2011	<4.9	U		<2.7	U		420			<3.4	U		<5.3	U	
		VMP-13-10.5-040511-DUP	4/5/2011	0.012	J		<0.0071	U		0.017			<0.0092	U		<0.014	U	
		VMP-13-10.5-080911	8/9/2011	<0.29	U		<0.16	U		51			<0.2	U		<0.31	U	
		VMP-13-10.5-111411	11/14/2011	0.013			<0.0046	U		0.013			<0.0059	U		<0.0091	U	
		VMP-13-10.5-012712	1/26/2012	0.02	J		<0.013	U		2.6		J	<0.016	U		<0.025	U	
		VMP-13-10.5-012712-DUP	1/26/2012	<0.033	U		<0.018	U		3.9		J	<0.023	U		<0.036	U	
		VMP-13-10.5-042012	4/20/2012	0.027			0.0014	J		0.0088			<0.0059	U		<0.009	U	
		VMP-13-10.5-071912	7/19/2012	0.15			<0.0048	U	UJ	0.0078			<0.0063	U		<0.0097	U	
		VMP-13-10.5-100912	10/9/2012	0.024	J		<0.0064	U		0.025			<0.0083	U		<0.013	U	
		VMP-13-10.5-100912-Dup	10/9/2012	0.011	J		<0.0077	U		0.023			<0.0099	U		<0.015	U	
		VMP-13-10.5-013013	1/30/2013	0.01	J		<0.0065	U		0.0021	J		<0.0084	U		<0.013	U	
		VMP-13-10.5-050113	5/1/2013	0.015	J		<0.0072	U		0.018			<0.0093	U		<0.014	U	
	21.5 ft	VMP-13-21.5	11/17/2009	<140	U		<79	U		24000			<100	U		<160	U	
		VMP 13-21.5-091310	9/13/2010	<23	U		<12	U		5800			<16	U		<25	U	
		VMP-13-21.5-120110	12/1/2010	<44	U		<24	U		5400			<31	U		<48	U	
		VMP-13-21.5-021811	2/18/2011	<6.6	U		<3.6	U		640			<4.7	U		<7.2	U	
		VMP-13-21.5-040511	4/5/2011	<9.6	U		<5.2	U		1400			<6.8	U		<10	U	
		VMP-13-21.5-080911	8/9/2011	<1.2	U		<0.65	U		830			<0.84	U		<1.3	U	
		VMP-13-21.5-111411	11/14/2011	3.6	J		<3	U		420			<3.8	U		<5.9	U	
		VMP-13-21.5-111411-DUP	11/14/2011	3.7	J		<3	U		410			<3.8	U		<5.9	U	
		VMP-13-21.5-012712	1/27/2012	<1.3	U		<2.8	U		370		J	<0.9	U		<5.5	U	
		VMP-13-21.5-042012	4/20/2012	0.17	J		<0.077	U		0.098			<0.1	U		<0.15	U	
		VMP-13-21.5-071912	7/19/2012	0.18			<0.0048	U	UJ	0.009			<0.0063	U		<0.0097	U	
		VMP-13-21.5-100912	10/9/2012	0.012	J		<0.0078	U		0.088			<0.01	U		<0.016	U	
		VMP-13-21.5-013013	1/30/2013	0.01	J		<0.0077	U		0.0088			<0.0099	U		<0.015	U	
		VMP-13-21.5-050113	5/1/2013	0.014	J		<0.0076	U		<0.0047	U		<0.0099	U		<0.015	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Bromomethane			1,3-Butadiene			Butane			2-Butanone			Carbon disulfide			Carbon tetrachloride		
				42									40000			5300			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-13	5 ft	VMP-13-5	11/16/2009	<9.4	U		<5.4	U					<7.1	U		<7.5	U		<15	U	
		VMP 13-5-091310	9/13/2010	<0.034	U		<0.019	U					0.0055	J		0.018	J		<0.055	U	
		VMP-13-5-120110	12/1/2010	<0.0045	U		<0.0026	U					<0.0034	J	U	<0.0036	U		<0.0073	U	
		VMP-13-5-021811	2/18/2011	<0.0054	U		<0.003	U					0.0019	J		<0.0043	U		<0.0087	U	
		VMP-13-5-040511	4/5/2011	<0.011	U		<0.0061	U		0.018	J		<0.032	U		<0.034	U		<0.017	U	
		VMP-13-5-080911	8/9/2011	<0.011	U		<0.0065	U		1.7		J	0.013	J		<0.037	U		<0.019	U	
		VMP-13-5-080911-DUP	8/9/2011	<0.01	U		<0.0058	U		1.2		J	0.015	J		<0.033	J	U	<0.017	U	
		VMP-13-5-111411	11/14/2011	<0.0036	U		<0.002	U		0.0032	J		0.003	J		0.0018	J		<0.0058	U	
		VMP-13-5-012712	1/27/2012	<0.03	U		<0.017	U		0.21		J	<0.091	U		<0.024	U		<0.049	U	
		VMP-13-5-042012	4/20/2012	<0.035	U		<0.002	U		<0.0085	U		0.019			0.002	J		<0.0056	U	
		VMP-13-5-071912	7/19/2012	<0.036	U		<0.0021	U		0.0029	J	J	0.017			<0.012	U		<0.0059	U	
		VMP-13-5-071912-Dup	7/19/2012	<0.036	U		<0.0021	U			J	J	0.016			<0.012	U		<0.0059	U	
		VMP-13-5-100912	10/9/2012	<0.056	U		<0.0032	U		<0.014	U		0.0055	J		<0.018	U		<0.0091	U	
		VMP-13-5-012913	1/29/2013	<0.06	U		<0.0034	U		<0.015	U		<0.018	U		<0.019	J	U	<0.0098	U	
		VMP-13-5-050113	5/1/2013	<0.053	U		<0.003	U		0.012	J		0.0031	J		<0.017	J	U	<0.0086	U	
	10.5 ft	VMP-13-10.5	11/17/2009	<1.2	U		<0.66	U					<0.88	U		<0.93	U		<1.9	U	
		VMP-13-10.5-D	11/17/2009	<1.2	U		<0.68	U					<0.91	U		<0.96	U		<1.9	U	
		VMP 13-10.5-091310	9/13/2010	<0.013	U		<0.0072	U					<0.0096	U		0.0056	J		<0.02	U	
		VMP 13-10.5-091310-Dup	9/13/2010	<0.012	U		<0.007	U					0.0036	J		0.02			<0.02	U	
		VMP-13-10.5-120110	12/1/2010	<0.005	U		<0.0029	U					<0.0038	J	U	<0.004	U		<0.0081	U	
		VMP-13-10.5-120110-DUP	12/1/2010	<0.0052	U		<0.003	U					<0.004	J	U	<0.0042	U		<0.0085	U	
		VMP-13-10.5-021811	2/18/2011	<2.1	U		<1.2	U					<1.6	U		<1.7	U		<3.4	U	
		VMP-13-10.5-021811-DUP	2/18/2011	<2	U		<1.1	U					<1.5	U		<1.6	U		<3.2	U	
		VMP-13-10.5-040511-DUP	4/5/2011	<0.0054	U		<0.003	U		0.012	J		<0.016	U		<0.017	U		<0.0087	U	
		VMP-13-10.5-080911	8/9/2011	<0.12	U		<0.067	U		33			<0.36	U		<0.094	U		<0.19	U	
		VMP-13-10.5-111411	11/14/2011	<0.0034	U		<0.0019	U		0.0054	J		0.0037	J		<0.011	U		<0.0055	U	
		VMP-13-10.5-012712	1/26/2012	<0.0095	U		<0.0054	U		0.05			<0.029	U		<0.03	U		<0.015	U	
		VMP-13-10.5-012712-DUP	1/26/2012	<0.014	U		<0.0077	U		0.08			<0.041	U		<0.044	U		<0.022	U	
		VMP-13-10.5-042012	4/20/2012	<0.034	U		<0.0019	U		0.0046	J		0.015			<0.011	J	U	<0.0055	U	
		VMP-13-10.5-071912	7/19/2012	<0.036	U		<0.0021	U		0.0061	J	J	0.021			0.0055	J		<0.0059	U	
		VMP-13-10.5-100912	10/9/2012	<0.048	U		<0.0027	U		<0.012	U		0.0036	J		<0.015	U		<0.0078	U	
		VMP-13-10.5-100912-Dup	10/9/2012	<0.057	U		<0.0033	U		<0.014	U		<0.017	U		<0.018	U		<0.0093	U	
		VMP-13-10.5-013013	1/30/2013	<0.049	U		<0.0028	U		<0.012	U		<0.015	U		<0.016	J	U	<0.0079	U	
		VMP-13-10.5-050113	5/1/2013	<0.054	U		<0.0031	U		0.0067	J		0.0032	J		<0.017	J	U	<0.0088	U	
	21.5 ft	VMP-13-21.5	11/17/2009	<59	U		<34	U					<45	U		<47	U		<96	U	
		VMP 13-21.5-091310	9/13/2010	<9.4	U		<5.4	U					<7.1	U		<7.5	U		<15	U	
		VMP-13-21.5-120110	12/1/2010	<18	U		<10	U					<14	U		<15	U		<30	U	
		VMP-13-21.5-021811	2/18/2011	<2.7	U		<1.5	U					<2.1	U		0.36	J		<4.4	U	
		VMP-13-21.5-040511	4/5/2011	<3.9	U		<2.2	U		35			<12	U		<3.1	U		<6.4	U	
		VMP-13-21.5-080911	8/9/2011	<0.49	U		<0.28	U		59			<1.5	U		<0.39	U		<0.79	U	
		VMP-13-21.5-111411	11/14/2011	<2.2	U		<1.3	U		32			0.98	J		3.5	J		<3.6	U	
		VMP-13-21.5-111411-DUP	11/14/2011	<2.2	U		<1.3	U		31			<6.8	U		3.4	J		<3.6	U	
		VMP-13-21.5-012712	1/27/2012	<0.52	U		<0.3	U		16		J	<1.6	U		<0.42	U		<0.84	U	
		VMP-13-21.5-042012	4/20/2012	<0.58	U		<0.033	U		5.6			<0.18	U		0.15	J		<0.094	U	
		VMP-13-21.5-071912	7/19/2012	<0.036	U		<0.0021	U		0.13	J	J	0.038			0.0047	J		<0.0059	U	
		VMP-13-21.5-100912	10/9/2012	<0.059	U		<0.0034	U		0.24			<0.018	U		0.0047	J		<0.0095	U	
		VMP-13-21.5-013013	1/30/2013	<0.057	U		<0.0033	U		<0.014	U		<0.017	U		0.0078	J		<0.0093	U	
		VMP-13-21.5-050113	5/1/2013	<0.057	U		<0.0033	U		<0.014	U		0.0093	J		<0.018	J	U	<0.0093	U	

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Location	Depth	Sample ID	Sample Date	Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			Cyclohexane		
				420			57000						0.92								
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-13	5 ft	VMP-13-5	11/16/2009	<11	U		<21	U		<6.4	U		<12	U		<20	U		<8.3	U	
		VMP 13-5-091310	9/13/2010	<0.04	U		<0.075	U		<0.023	U		<0.043	U		<0.073	U		0.014	J	
		VMP-13-5-120110	12/1/2010	<0.0054	U		<0.0099	U		<0.0031	U		<0.0057	U		<0.0096	U		0.031		
		VMP-13-5-021811	2/18/2011	<0.0064	U		<0.012	U		<0.0036	U		<0.0067	U		<0.011	U		0.003	J	
		VMP-13-5-040511	4/5/2011	<0.013	U		<0.024	U		<0.029	U		<0.013	U		<0.023	U		0.0021	J	
		VMP-13-5-080911	8/9/2011	0.0046	J		<0.025	U		<0.031	U		<0.014	U		<0.024	U		0.0068	J	
		VMP-13-5-080911-DUP	8/9/2011	0.0044	J		<0.022	U		<0.028	U		<0.013	U		<0.022	U		0.0048	J	
		VMP-13-5-111411	11/14/2011	<0.0042	U		<0.0078	U		<0.0097	U		<0.0045	U		<0.0076	U		<0.0032	U	
		VMP-13-5-012712	1/27/2012	<0.036	U		<0.066	U		<0.082	U		<0.038	U		<0.064	U		0.081		J
		VMP-13-5-042012	4/20/2012	<0.0041	U		<0.0076	U		<0.0094	U		0.0022	J		<0.018	U		<0.0031	U	
		VMP-13-5-071912	7/19/2012	0.0011	J		<0.008	U		<0.0099	U		0.0056			<0.019	J	U	0.0028	J	
		VMP-13-5-071912-Dup	7/19/2012	0.0011	J		<0.008	U		<0.0099	U		0.006			<0.019	U		0.0025	J	
		VMP-13-5-100912	10/9/2012	<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		0.0014	J	
		VMP-13-5-012913	1/29/2013	<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.0054	U	
		VMP-13-5-050113	5/1/2013	<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		0.0093		
	10.5 ft	VMP-13-10.5	11/17/2009	<1.4	U		<2.5	U		<0.78	U		<1.4	U		<2.4	U		<1	U	
		VMP-13-10.5-D	11/17/2009	<1.4	U		<2.6	U		<0.82	U		<1.5	U		<2.6	U		<1.1	U	
		VMP 13-10.5-091310	9/13/2010	<0.015	U		<0.028	U		<0.0086	U		<0.016	U		<0.027	U		0.014		
		VMP 13-10.5-091310-Dup	9/13/2010	<0.015	U		<0.027	U		<0.0084	U		<0.016	U		<0.026	U		0.015		
		VMP-13-10.5-120110	12/1/2010	<0.006	U		<0.011	U		<0.0034	U		0.0012	J		<0.011	U		0.0029	J	
		VMP-13-10.5-120110-DUP	12/1/2010	<0.0062	U		<0.012	U		<0.0036	U		0.00098	J		<0.011	U		0.0048		
		VMP-13-10.5-021811	2/18/2011	<2.5	U		<4.6	U		<1.4	U		<2.6	U		<4.4	U		0.78	J	
		VMP-13-10.5-021811-DUP	2/18/2011	<2.4	U		<4.4	U		<1.4	U		<2.5	U		<4.2	U		0.9	J	
		VMP-13-10.5-040511-DUP	4/5/2011	<0.0064	U		<0.012	J	U	<0.014	U		<0.0067	U		<0.011	U		0.0039	J	
		VMP-13-10.5-080911	8/9/2011	<0.14	U		<0.26	U		<0.32	U		<0.15	U		<0.25	U		<0.1	U	
		VMP-13-10.5-111411	11/14/2011	<0.004	U		<0.0075	U		<0.0093	U		<0.0043	U		<0.0073	U		<0.003	U	
		VMP-13-10.5-012712	1/26/2012	<0.011	U		<0.021	U		<0.026	U		<0.012	U		<0.02	U		0.029		
		VMP-13-10.5-012712-DUP	1/26/2012	<0.016	U		<0.03	U		<0.037	U		<0.017	U		<0.029	U		0.043		
		VMP-13-10.5-042012	4/20/2012	<0.004	U		<0.0074	U		<0.0092	U		0.0016	J		<0.018	U		0.0013	J	
		VMP-13-10.5-071912	7/19/2012	0.00092	J		<0.008	U		<0.0099	U		0.0032	J		<0.019	U		0.0048		
		VMP-13-10.5-100912	10/9/2012	<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		0.003	J	
		VMP-13-10.5-100912-Dup	10/9/2012	<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0051	U	
		VMP-13-10.5-013013	1/30/2013	<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0043	U	
		VMP-13-10.5-050113	5/1/2013	<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0048	U	
	21.5 ft	VMP-13-21.5	11/17/2009	<70	U		<130	U		<40	U		<74	U		<120	U		<52	U	
		VMP 13-21.5-091310	9/13/2010	<11	U		<21	U		<6.4	U		<12	U		<20	U		2.5	J	
		VMP-13-21.5-120110	12/1/2010	<22	U		<40	U		<12	U		<23	U		<39	U		<16	U	
		VMP-13-21.5-021811	2/18/2011	<3.2	U		<6	U		<1.8	U		<3.4	U		<5.8	U		0.7	J	
		VMP-13-21.5-040511	4/5/2011	<4.6	U		<8.6	U		<11	U		<4.9	U		<8.3	U		1	J	
		VMP-13-21.5-080911	8/9/2011	<0.58	U		<1.1	U		<1.3	U		<0.62	U		<1	U		<0.43	U	
		VMP-13-21.5-111411	11/14/2011	<2.6	U		<4.9	U		<6.1	U		<2.8	U		<4.7	U		0.67	J	
		VMP-13-21.5-111411-DUP	11/14/2011	<2.6	U		<4.9	U		<6.1	U		<2.8	U		<4.7	U		0.95	J	
		VMP-13-21.5-012712	1/27/2012	<0.62	U		<1.1	U		<1.4	U		<0.65	U		<1.1	U		0.9		J
		VMP-13-21.5-042012	4/20/2012	0.037	J		<0.13	U		<0.16	U		<0.073	U		<0.31	U		0.18		
		VMP-13-21.5-071912	7/19/2012	0.0013	J		<0.008	U		<0.0099	U		<0.0046	U		<0.019	U		0.0053		
		VMP-13-21.5-100912	10/9/2012	<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		0.0028	J	
		VMP-13-21.5-013013	1/30/2013	<0.0068	U		<0.013	U		<0.016	U		0.082			<0.03	U		<0.0051	U	
		VMP-13-21.5-050113	5/1/2013	<0.0068	U		<0.012	U		<0.016	U		0.027			<0.03	U		<0.0051	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane		
				0.06			1700						6800						4200		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-13	5 ft	VMP-13-5	11/16/2009	<18	U		<14	U		<14	U		<14	U		<12	U		<9.8	U	
		VMP 13-5-091310	9/13/2010	<0.068	U		<0.053	U		<0.053	U		<0.053	U		<0.044	U		<0.036	U	
		VMP-13-5-120110	12/1/2010	<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0032	J		<0.0047	U	
		VMP-13-5-021811	2/18/2011	<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U	
		VMP-13-5-040511	4/5/2011	<0.021	U		<0.016	J	U	<0.016	U		<0.016	J	U	<0.014	U		<0.011	U	
		VMP-13-5-080911	8/9/2011	<0.023	U		<0.018	U		<0.018	J	U	<0.018	J	U	0.0027	J		<0.012	U	
		VMP-13-5-080911-DUP	8/9/2011	<0.02	U		<0.016	U		<0.016	U		<0.016	U		0.003	J		<0.011	U	
		VMP-13-5-111411	11/14/2011	<0.0071	U		<0.0055	U		<0.0055	U		<0.0055	U		0.002	J		<0.0037	U	
		VMP-13-5-012712	1/27/2012	<0.06	U		<0.046	U		<0.046	U		<0.046	U		<0.038	U		<0.031	U	
		VMP-13-5-042012	4/20/2012	<0.0069	U		<0.0054	U		<0.0054	U		<0.0054	J	U	0.0028	J		<0.0036	U	
		VMP-13-5-071912	7/19/2012	<0.0072	J	U	<0.0056	U		<0.0056	U		<0.0056	J	U	0.0028	J		<0.0038	U	
		VMP-13-5-071912-Dup	7/19/2012	<0.0072	U		<0.0056	U		<0.0056	U		<0.0056	U		0.0032	J		<0.0038	U	
		VMP-13-5-100912	10/9/2012	<0.011	U		<0.0087	U		<0.0087	U		<0.0087	J	U	0.0025	J		<0.0058	U	
		VMP-13-5-012913	1/29/2013	<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0034	J		<0.0063	U	
		VMP-13-5-050113	5/1/2013	<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0028	J		<0.0055	U	
	10.5 ft	VMP-13-10.5	11/17/2009	<2.3	U		<1.8	U		<1.8	U		<1.8	U		<1.5	U		<1.2	U	
		VMP-13-10.5-D	11/17/2009	<2.4	U		<1.8	U		<1.8	U		<1.8	U		<1.5	U		<1.2	U	
		VMP 13-10.5-091310	9/13/2010	<0.025	U		<0.02	U		<0.02	U		<0.02	U		0.0032	J		<0.013	U	
		VMP 13-10.5-091310-Dup	9/13/2010	<0.024	U		<0.019	U		<0.019	U		<0.019	U		0.0034	J		<0.013	U	
		VMP-13-10.5-120110	12/1/2010	<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.003	J		<0.0052	U	
		VMP-13-10.5-120110-DUP	12/1/2010	<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0032	J		<0.0055	U	
		VMP-13-10.5-021811	2/18/2011	<4.1	U		<3.2	U		<3.2	U		<3.2	U		<2.6	U		<2.2	U	
		VMP-13-10.5-021811-DUP	2/18/2011	<4	U		<3.1	U		<3.1	U		<3.1	U		<2.5	U		<2.1	U	
		VMP-13-10.5-040511-DUP	4/5/2011	<0.011	J	U	<0.0083	U		<0.0083	U		<0.0083	J	U	0.0021	J		<0.0056	U	
		VMP-13-10.5-080911	8/9/2011	<0.23	U		<0.18	U		<0.18	U		<0.18	U		<0.15	U		<0.12	U	
		VMP-13-10.5-111411	11/14/2011	<0.0068	U		<0.0053	U		<0.0053	U		<0.0053	U		0.002	J		<0.0036	U	
		VMP-13-10.5-012712	1/26/2012	<0.019	U		<0.015	U		<0.015	U		<0.015	U		0.0024	J		<0.0099	U	
		VMP-13-10.5-012712-DUP	1/26/2012	<0.027	U		<0.021	U		<0.021	U		<0.021	U		<0.017	U		<0.014	U	
		VMP-13-10.5-042012	4/20/2012	0.0015	J		<0.0053	U		<0.0053	U		<0.0053	J	U	0.003	J		<0.0035	U	
		VMP-13-10.5-071912	7/19/2012	<0.0072	J	U	<0.0056	U		0.0082			<0.0056	U		0.0031	J		<0.0038	U	
		VMP-13-10.5-100912	10/9/2012	<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U	
		VMP-13-10.5-100912-Dup	10/9/2012	<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.002	J		<0.006	U	
		VMP-13-10.5-013013	1/30/2013	<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U	
		VMP-13-10.5-050113	5/1/2013	<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0023	J		<0.0056	U	
	21.5 ft	VMP-13-21.5	11/17/2009	<120	U		<91	U		<91	U		<91	U		<75	U		<62	U	
		VMP 13-21.5-091310	9/13/2010	<18	U		<14	U		<14	U		<14	U		<12	U		<9.8	U	
		VMP-13-21.5-120110	12/1/2010	<36	U		<28	U		<28	U		<28	U		<23	U		<19	U	
		VMP-13-21.5-021811	2/18/2011	<5.4	U		<4.2	U		<4.2	U		<4.2	U		<3.5	U		<2.8	U	
		VMP-13-21.5-040511	4/5/2011	<7.8	U		<6.1	U		<6.1	U		<6.1	U		<5	U		<4.1	U	
		VMP-13-21.5-080911	8/9/2011	<0.97	U		<0.76	U		<0.76	U		<0.76	U		<0.62	U		<0.51	U	
		VMP-13-21.5-111411	11/14/2011	<4.4	U		<3.4	U		0.56	J		0.77	J		<2.8	U		<2.3	U	
		VMP-13-21.5-111411-DUP	11/14/2011	<4.4	U		<3.4	U		<3.4	U		0.71	J		<2.8	U		<2.3	U	
		VMP-13-21.5-012712	1/27/2012	<1	U		<0.8	U		<0.8	U		<0.8	U		<0.66	U		<0.54	U	
		VMP-13-21.5-042012	4/20/2012	<0.11	U		<0.09	U		<0.09	U		0.014	J		<0.074	U		<0.06	U	
		VMP-13-21.5-071912	7/19/2012	<0.0072	J	U	<0.0056	U		0.0067			<0.0056	U		0.0025	J		<0.0038	U	
		VMP-13-21.5-100912	10/9/2012	<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0025	J		<0.0061	U	
		VMP-13-21.5-013013	1/30/2013	<0.011	U		<0.0089	U		<0.0089	J	U	<0.0089	J	U	0.0022	J		<0.006	U	
		VMP-13-21.5-050113	5/1/2013	<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0029	J		<0.006	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	1,2-Dichloroethane			1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene			1,2-Dichloropropane		
				0.81			1600			1100000			510			45			0.46		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-13	5 ft	VMP-13-5	11/16/2009	<9.8	U		<9.6	U		<9.6	U		<9.6	U		<8.4	U		<11	U	
		VMP 13-5-091310	9/13/2010	<0.036	U		<0.035	U		<0.035	U		<0.035	U		<0.03	U		<0.041	U	
		VMP-13-5-120110	12/1/2010	<0.0047	U		<0.0046	U		<0.0046	U		<0.0046	U		<0.004	U		<0.0054	U	
		VMP-13-5-021811	2/18/2011	<0.0056	U		<0.0055	U		<0.0055	U		<0.0055	U		<0.0048	U		<0.0064	U	
		VMP-13-5-040511	4/5/2011	<0.011	U		<0.011	U		<0.011	U		<0.011	U		0.0082	J		<0.013	U	
		VMP-13-5-080911	8/9/2011	<0.012	U		<0.012	U		<0.012	U		<0.012	U		0.0085	J		<0.014	U	
		VMP-13-5-080911-DUP	8/9/2011	<0.011	U		<0.01	U		<0.01	U		<0.01	U		0.004	J		<0.012	U	
		VMP-13-5-111411	11/14/2011	<0.0037	U		<0.0036	U		<0.0036	U		<0.0036	U		<0.0032	J	U	<0.0042	U	
		VMP-13-5-012712	1/27/2012	<0.031	U		<0.031	U		<0.031	U		<0.031	U		0.0072	J	J	<0.036	U	
		VMP-13-5-042012	4/20/2012	<0.0036	U		<0.0035	U		<0.0035	U		<0.0035	U		<0.031	U		<0.0041	U	
		VMP-13-5-071912	7/19/2012	0.0011	J		<0.0037	U		<0.0037	U		<0.0037	U		<0.032	J	U	<0.0043	U	
		VMP-13-5-071912-Dup	7/19/2012	0.0008	J		<0.0037	U		<0.0037	U		<0.0037	U		<0.032	J	U	<0.0043	U	
		VMP-13-5-100912	10/9/2012	<0.0058	U		<0.0057	U		<0.0057	U		<0.0057	U		0.0028	J		<0.0067	U	
		VMP-13-5-012913	1/29/2013	<0.0063	U		<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U	
		VMP-13-5-050113	5/1/2013	<0.0055	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.047	J	U	<0.0063	U	
	10.5 ft	VMP-13-10.5	11/17/2009	<1.2	U		<1.2	U		<1.2	U		<1.2	U		<1	U		<1.4	U	
		VMP-13-10.5-D	11/17/2009	<1.2	U		<1.2	U		<1.2	U		<1.2	U		<1.1	U		<1.4	U	
		VMP 13-10.5-091310	9/13/2010	<0.013	U		<0.013	U		<0.013	U		<0.013	U		<0.011	U		<0.015	U	
		VMP 13-10.5-091310-Dup	9/13/2010	<0.013	U		<0.012	U		<0.012	U		<0.012	U		<0.011	U		<0.015	U	
		VMP-13-10.5-120110	12/1/2010	<0.0052	U		<0.0051	U		<0.0051	U		<0.0051	U		<0.0045	U		<0.006	U	
		VMP-13-10.5-120110-DUP	12/1/2010	<0.0055	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.0047	U		<0.0062	U	
		VMP-13-10.5-021811	2/18/2011	<2.2	U		<2.1	U		<2.1	U		<2.1	U		<1.8	U		<2.5	U	
		VMP-13-10.5-021811-DUP	2/18/2011	<2.1	U		<2	U		<2	U		<2	U		<1.8	U		<2.4	U	
		VMP-13-10.5-040511-DUP	4/5/2011	<0.0056	U		<0.0055	U		<0.0055	U		<0.0055	U		<0.0048	J	U	<0.0064	U	
		VMP-13-10.5-080911	8/9/2011	<0.12	U		<0.12	U		<0.12	U		<0.12	U		<0.1	U		<0.14	U	
		VMP-13-10.5-111411	11/14/2011	<0.0036	U		<0.0035	U		<0.0035	U		<0.0035	U		0.0044			<0.0041	U	
		VMP-13-10.5-012712	1/26/2012	<0.0099	U		<0.0097	U		<0.0097	U		<0.0097	U		<0.0085	U		<0.011	U	
		VMP-13-10.5-012712-DUP	1/26/2012	<0.014	U		<0.014	U		<0.014	U		<0.014	U		<0.012	U		<0.016	U	
		VMP-13-10.5-042012	4/20/2012	<0.0035	J	U	<0.0035	U		<0.0035	U		<0.0035	U		0.0016	J		0.0011	J	
		VMP-13-10.5-071912	7/19/2012	<0.0038	U		<0.0037	U		<0.0037	U		<0.0037	U		<0.032	J	U	<0.0043	U	
		VMP-13-10.5-100912	10/9/2012	<0.005	U		<0.0049	U		<0.0049	U		<0.0049	U		0.0022	J		<0.0057	U	
		VMP-13-10.5-100912-Dup	10/9/2012	<0.006	U		<0.0059	U		<0.0059	U		<0.0059	U		0.0043	J		<0.0068	U	
		VMP-13-10.5-013013	1/30/2013	<0.0051	U		<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-13-10.5-050113	5/1/2013	<0.0056	U		<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U	
	21.5 ft	VMP-13-21.5	11/17/2009	<62	U		<60	U		<60	U		<60	U		<53	U		<70	U	
		VMP 13-21.5-091310	9/13/2010	<9.8	U		<9.6	U		<9.6	U		<9.6	U		9.2			<11	U	
		VMP-13-21.5-120110	12/1/2010	<19	U		<18	U		<18	U		<18	U		28			<22	U	
		VMP-13-21.5-021811	2/18/2011	<2.8	U		<2.8	U		<2.8	U		<2.8	U		0.51	J		<3.2	U	
		VMP-13-21.5-040511	4/5/2011	<4.1	U		<4	U		<4	U		<4	U		2.3	J		<4.7	U	
		VMP-13-21.5-080911	8/9/2011	<0.51	U		<0.5	U		<0.5	U		<0.5	U		<0.44	U		<0.58	U	
		VMP-13-21.5-111411	11/14/2011	1.4	J		<2.3	U		<2.3	U		<2.3	U		<2	U		<2.6	U	
		VMP-13-21.5-111411-DUP	11/14/2011	1.6	J		<2.3	U		<2.3	U		<2.3	U		<2	U		<2.6	U	
		VMP-13-21.5-012712	1/27/2012	<0.54	U		<0.53	U		<0.53	U		<0.53	U		0.094	J	J	<0.62	U	
		VMP-13-21.5-042012	4/20/2012	<0.06	U		<0.059	U		<0.059	U		<0.059	U		0.028	J		0.015	J	
		VMP-13-21.5-071912	7/19/2012	<0.0038	U		<0.0037	U		<0.0037	U		<0.0037	U		0.0044	J		0.00065	J	
		VMP-13-21.5-100912	10/9/2012	<0.0061	U		<0.006	U		<0.006	U		<0.006	U		0.0012	J		<0.007	U	
		VMP-13-21.5-013013	1/30/2013	<0.006	U		<0.0059	U		<0.0059	U		<0.0059	U		<0.051	J	U	<0.0068	U	
		VMP-13-21.5-050113	5/1/2013	<0.006	U		<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	cis-1,3-Dichloropropene 6.2			trans-1,3-Dichloropropene 6.2			1,4-Dioxane 2.3			Ethanol			Ethylbenzene 8300			4-Ethyltoluene		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-13	5 ft	VMP-13-5	11/16/2009	<11	U		<11	U		<35	U		<18	U		<10	U		<12	U	
		VMP 13-5-091310	9/13/2010	<0.04	U		<0.04	U		<0.13	U		0.24			<0.038	U		<0.043	U	
		VMP-13-5-120110	12/1/2010	<0.0053	U		<0.0053	U		<0.017	U		0.007	J		0.047			0.032		
		VMP-13-5-021811	2/18/2011	<0.0063	U		<0.0063	U		<0.02	U		0.024			<0.006	U		<0.0068	U	
		VMP-13-5-040511	4/5/2011	<0.012	U		<0.012	U		<0.04	U		0.0054	J		<0.012	U		<0.014	U	
		VMP-13-5-080911	8/9/2011	<0.013	U		<0.013	U		<0.043	U		0.063		J	0.0025	J		0.0019	J	
		VMP-13-5-080911-DUP	8/9/2011	<0.012	U		<0.012	U		<0.038	U		0.14		J	0.0021	J		<0.013	U	
		VMP-13-5-111411	11/14/2011	<0.0042	U		<0.0042	U		<0.013	U		0.027			0.00094	J		<0.0045	U	
		VMP-13-5-012712	1/27/2012	<0.035	U		<0.035	U		<0.11	U		0.014	J	J	0.0044	J	J	<0.038	U	
		VMP-13-5-042012	4/20/2012	<0.0041	U		<0.0041	U		<0.013	U		0.022			0.0013	J		<0.0044	U	
		VMP-13-5-071912	7/19/2012	<0.0042	U		<0.0042	U		<0.013	U		0.056			0.0044			0.0045	J	
		VMP-13-5-071912-Dup	7/19/2012	<0.0042	U		<0.0042	J	U	<0.013	U		0.052			0.0036	J		0.004	J	
		VMP-13-5-100912	10/9/2012	<0.0066	U		<0.0066	J	U	<0.021	U		<0.011	U		<0.0063	U		<0.0071	U	
		VMP-13-5-012913	1/29/2013	<0.007	U		<0.007	U		<0.022	U		<0.012	U		<0.0068	U		<0.0076	U	
		VMP-13-5-050113	5/1/2013	<0.0062	U		<0.0062	U		<0.02	U		0.0099	J		<0.0059	U		<0.0067	U	
	10.5 ft	VMP-13-10.5	11/17/2009	<1.4	U		<1.4	U		<4.3	U		<2.2	U		<1.3	U		<1.5	U	
		VMP-13-10.5-D	11/17/2009	<1.4	U		<1.4	U		<4.4	U		<2.3	U		<1.3	U		<1.5	U	
		VMP 13-10.5-091310	9/13/2010	<0.015	U		<0.015	U		<0.047	U		<0.024	U		<0.014	U		<0.016	U	
		VMP 13-10.5-091310-Dup	9/13/2010	<0.014	U		<0.014	U		0.041	J		0.014	J		<0.014	U		<0.016	U	
		VMP-13-10.5-120110	12/1/2010	<0.0059	U		<0.0059	U		<0.019	U		<0.0098	U		<0.0056	J	U	<0.0064	U	
		VMP-13-10.5-120110-DUP	12/1/2010	<0.0061	U		<0.0061	U		<0.019	U		0.016			<0.0059	U		<0.0066	U	
		VMP-13-10.5-021811	2/18/2011	<2.4	U		<2.4	U		<7.7	U		<4	U		<2.3	U		<2.6	U	
		VMP-13-10.5-021811-DUP	2/18/2011	<2.3	U		<2.3	U		<7.4	U		<3.9	U		<2.2	U		<2.5	U	
		VMP-13-10.5-040511-DUP	4/5/2011	<0.0063	U		<0.0063	U		<0.02	U		0.0077	J		<0.006	U		<0.0068	U	
		VMP-13-10.5-080911	8/9/2011	<0.14	U		<0.14	U		<0.44	U		<0.23	U		<0.13	U		<0.15	U	
		VMP-13-10.5-111411	11/14/2011	<0.004	U		<0.004	U		<0.013	U		0.053			0.0012	J		0.00071	J	
		VMP-13-10.5-012712	1/26/2012	<0.011	U		<0.011	U		<0.035	U		0.0084	J		<0.011	U		<0.012	U	
		VMP-13-10.5-012712-DUP	1/26/2012	<0.016	U		<0.016	U		<0.05	U		<0.026	U		<0.015	U		<0.017	U	
		VMP-13-10.5-042012	4/20/2012	<0.004	U		0.00098	J		<0.013	U		0.022		J	0.0016	J		0.00096	J	
		VMP-13-10.5-071912	7/19/2012	<0.0042	U		<0.0042	U		<0.013	U		0.038			0.002	J		0.0021	J	
		VMP-13-10.5-100912	10/9/2012	<0.0056	U		<0.0056	U		<0.018	U		0.022		J	<0.0054	U		0.0031	J	
		VMP-13-10.5-100912-Dup	10/9/2012	<0.0067	U		<0.0067	U		<0.021	U		<0.011	U	UJ	<0.0064	U		<0.0073	U	
		VMP-13-10.5-013013	1/30/2013	<0.0057	U		<0.0057	U		<0.018	U		0.0047	J		<0.0055	U		<0.0062	J	U
		VMP-13-10.5-050113	5/1/2013	<0.0063	U		<0.0063	U		<0.02	U		0.0031	J		<0.006	U		<0.0068	U	
	21.5 ft	VMP-13-21.5	11/17/2009	<69	U		<69	U		<220	U		<110	U		<66	U		<75	U	
		VMP 13-21.5-091310	9/13/2010	<11	U		<11	U		<35	U		<18	U		<10	U		<12	U	
		VMP-13-21.5-120110	12/1/2010	<21	U		<21	U		<68	U		<35	U		<20	U		<23	U	
		VMP-13-21.5-021811	2/18/2011	<3.2	U		<3.2	U		<10	U		<5.3	U		<3	U		<3.4	U	
		VMP-13-21.5-040511	4/5/2011	<4.6	U		<4.6	U		<14	U		<7.6	U		<4.4	U		<5	U	
		VMP-13-21.5-080911	8/9/2011	<0.57	U		<0.57	U		<1.8	U		<0.95	U		0.38	J		<0.62	U	
		VMP-13-21.5-111411	11/14/2011	<2.6	U		<2.6	U		<8.3	U		<4.3	U		<2.5	U		<2.8	U	
		VMP-13-21.5-111411-DUP	11/14/2011	<2.6	U		<2.6	U		<8.3	U		<4.3	U		<2.5	U		<2.8	U	
		VMP-13-21.5-012712	1/27/2012	<0.61	U		<0.61	U		<1.9	U		<1	U		0.13	J	J	<0.66	U	
		VMP-13-21.5-042012	4/20/2012	<0.068	U		<0.068	U		<0.21	U		0.077	J		0.016	J		<0.073	U	
		VMP-13-21.5-071912	7/19/2012	<0.0042	U		<0.0042	U		<0.013	U		0.071			0.0024	J		0.0015	J	
		VMP-13-21.5-100912	10/9/2012	<0.0069	U		<0.0069	U		0.011	J		<0.011	U		<0.0066	U		<0.0074	U	
		VMP-13-21.5-013013	1/30/2013	<0.0067	U		<0.0067	U		<0.021	U		0.0051	J		<0.0064	U		<0.0073	J	U
		VMP-13-21.5-050113	5/1/2013	<0.0067	U		<0.0067	U		<0.021	U		0.0036	J		<0.0064	U		<0.0072	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-13	5 ft	VMP-13-5	11/16/2009	<18	U		<17	U		<9.9	U		<100	U		<8.5	U		<40	U	
		VMP 13-5-091310	9/13/2010	<0.067	U		<0.062	U		0.0094	J		<0.38	U		0.015	J		<0.14	U	
		VMP-13-5-120110	12/1/2010	<0.0089	U		<0.0081	U		0.084			<0.05	U		0.14			<0.019	U	
		VMP-13-5-021811	2/18/2011	<0.01	U		<0.0096	U		0.0016	J		<0.059	U		0.0022	J		0.00065	J	
		VMP-13-5-040511	4/5/2011	<0.021	U		<0.019	U		0.007	J		<0.12	U		0.0088	J		<0.045	U	
		VMP-13-5-080911	8/9/2011	<0.023	U		<0.021	U		<0.012	U		<0.13	U		0.0065	J		<0.048	U	
		VMP-13-5-080911-DUP	8/9/2011	<0.02	U		<0.018	U		<0.011	U		<0.11	U		0.0098			0.0024	J	
		VMP-13-5-111411	11/14/2011	<0.007	U		<0.0064	U		0.002	J		<0.039	U		0.00093	J		<0.015	U	
		VMP-13-5-012712	1/27/2012	<0.059	U		<0.054	U		0.035		J	<0.33	U		0.18		J	<0.13	U	
		VMP-13-5-042012	4/20/2012	<0.0068	U		<0.0062	U		<0.0037	U		<0.038	U		<0.0032	U		0.0012	J	
		VMP-13-5-071912	7/19/2012	<0.0072	U		<0.0065	U		0.0053			<0.04	U		0.0061			<0.015	U	
		VMP-13-5-071912-Dup	7/19/2012	<0.0072	U		<0.0065	U		0.0058			<0.04	U		0.0054			<0.015	U	
		VMP-13-5-100912	10/9/2012	<0.011	U		<0.01	U		0.0038	J		<0.062	U		0.0069			<0.024	U	
		VMP-13-5-012913	1/29/2013	<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U		<0.025	U	
		VMP-13-5-050113	5/1/2013	<0.01	U		<0.0095	U		0.0052	J		<0.058	U		0.0082			<0.022	U	
	10.5 ft	VMP-13-10.5	11/17/2009	<2.3	U		<2.1	U		<1.2	U		<13	U		<1	U		<4.9	U	
		VMP-13-10.5-D	11/17/2009	<2.4	U		<2.2	U		<1.3	U		<13	U		<1.1	U		<5.1	U	
		VMP 13-10.5-091310	9/13/2010	<0.025	U		<0.023	U		0.0052	J		<0.14	U		0.028		J	<0.053	U	
		VMP 13-10.5-091310-Dup	9/13/2010	<0.024	U		<0.022	U		0.0072	J		<0.14	U		0.043		J	<0.052	U	
		VMP-13-10.5-120110	12/1/2010	<0.0099	U		<0.009	U		0.0029	J		<0.055	U		0.0076			<0.021	U	
		VMP-13-10.5-120110-DUP	12/1/2010	<0.01	U		<0.0094	U		0.0036	J		<0.058	U		0.01			<0.022	U	
		VMP-13-10.5-021811	2/18/2011	<4.1	U		<3.7	U		<2.2	U		<23	U		<1.9	U		<8.8	U	
		VMP-13-10.5-021811-DUP	2/18/2011	<3.9	U		<3.6	U		<2.1	U		<22	U		<1.8	U		<8.4	U	
		VMP-13-10.5-040511-DUP	4/5/2011	<0.01	U		<0.0096	U		0.003	J		<0.059	U		0.0063			<0.023	U	
		VMP-13-10.5-080911	8/9/2011	<0.23	U		<0.21	U		<0.12	U		<1.3	U		0.3			<0.5	U	
		VMP-13-10.5-111411	11/14/2011	<0.0067	U		<0.0062	U		0.0018	J		<0.038	U		0.0013	J		<0.014	U	
		VMP-13-10.5-012712	1/26/2012	<0.019	U		<0.017	U		0.015			<0.1	U		0.057		J	<0.04	U	
		VMP-13-10.5-012712-DUP	1/26/2012	<0.027	U		<0.024	U		0.024			<0.15	U		0.088		J	<0.057	U	
		VMP-13-10.5-042012	4/20/2012	<0.0067	U		<0.0061	U		0.0012	J		<0.037	U		0.021			0.00085	J	
		VMP-13-10.5-071912	7/19/2012	<0.0072	U		<0.0065	U		0.0062			<0.04	U		0.0066			<0.015	U	
		VMP-13-10.5-100912	10/9/2012	<0.0095	U		<0.0086	U		0.0014	J		<0.053	U		0.003	J		<0.02	U	
		VMP-13-10.5-100912-Dup	10/9/2012	<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U		<0.024	U	
		VMP-13-10.5-013013	1/30/2013	<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0012	J		<0.021	U	
		VMP-13-10.5-050113	5/1/2013	<0.011	U		<0.0098	U		0.0053	J		<0.06	U		<0.0058		U	<0.023	U	
	21.5 ft	VMP-13-21.5	11/17/2009	<120	U		<110	U		<62	U		<650	U		<54	U		<250	U	
		VMP 13-21.5-091310	9/13/2010	<18	U		<17	U		<9.9	U		<100	U		2.1	J		<40	U	
		VMP-13-21.5-120110	12/1/2010	<36	U		<33	U		<19	U		<200	U		<16	U		<77	U	
		VMP-13-21.5-021811	2/18/2011	<5.4	U		<4.9	U		<2.9	U		<30	U		<2.5	U		<11	U	
		VMP-13-21.5-040511	4/5/2011	<7.7	U		<7.1	U		<4.1	U		<43	U		<3.6	U		<16	U	
		VMP-13-21.5-080911	8/9/2011	<0.96	U		<0.88	U		<0.52	U		<5.4	U		1			<2.1	U	
		VMP-13-21.5-111411	11/14/2011	<4.4	U		<4	U		<2.4	U		<24	U		<2	U		<9.4	U	
		VMP-13-21.5-111411-DUP	11/14/2011	<4.4	U		<4	U		<2.4	U		<24	U		0.98	J		<9.4	U	
		VMP-13-21.5-012712	1/27/2012	<1	U		<0.94	U		<0.55	U		<5.7	U		0.38	J	J	<2.2	U	
		VMP-13-21.5-042012	4/20/2012	<0.11	U		<0.1	U		<0.061	U		<0.64	U		0.083			<0.24	U	
		VMP-13-21.5-071912	7/19/2012	<0.0072	U		<0.0065	U		0.0089			<0.04	U		0.01			<0.015	U	
		VMP-13-21.5-100912	10/9/2012	<0.012	U		<0.01	U		<0.0062	U		<0.065	U		0.0026	J		<0.025	U	
		VMP-13-21.5-013013	1/30/2013	<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0011	J		<0.024	U	
		VMP-13-21.5-050113	5/1/2013	<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	J	U	<0.024	U	

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CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Isopentane			Isopropylbenzene (Cumene) 3500			4-Methyl-2-pentanone (Methyl			Methyl tert-Butyl Ether (MTBE) 23000			2-Propanol			n-Propylbenzene		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-13	5 ft	VMP-13-5	11/16/2009				<12	U		<9.9	U		<8.7	U		<24	U		<12	U	
		VMP 13-5-091310	9/13/2010				<0.043	U		<0.036	U		<0.032	U		<0.086	U		<0.043	U	
		VMP-13-5-120110	12/1/2010				0.0037	J		<0.0048	U		<0.0042	J	U	0.049			0.008		
		VMP-13-5-021811	2/18/2011				<0.0068	U		<0.0056	U		<0.005	U		0.0066	J		<0.0068	U	
		VMP-13-5-040511	4/5/2011	0.021	J		<0.014	U		<0.011	U		<0.01	U		<0.027	U		<0.014	U	
		VMP-13-5-080911	8/9/2011	3		J	0.039		J	0.12		J	<0.011	U		0.021	J		<0.014	J	U
		VMP-13-5-080911-DUP	8/9/2011	2		J	0.026		J	0.081		J	<0.0095	U		0.048			<0.013	U	
		VMP-13-5-111411	11/14/2011	0.0017	J		0.0046			0.031			<0.0033	U		0.012			<0.0045	U	
		VMP-13-5-012712	1/27/2012	0.64		J	0.0062	J	J	0.0095	J	J	<0.028	U		0.017	J	J	<0.038	U	
		VMP-13-5-042012	4/20/2012	0.0025	J		0.015			0.048			<0.0032	U		0.032			<0.0044	U	
		VMP-13-5-071912	7/19/2012	0.0054	J		<0.0046	J	U	0.0037	J		<0.0034	U		0.91			<0.0046	J	U
		VMP-13-5-071912-Dup	7/19/2012	0.0053	J		<0.0046	J	U	0.0028	J		<0.0034	U		0.88			<0.0046	J	U
		VMP-13-5-100912	10/9/2012	0.0092	J		<0.0071	U		<0.0059	U		<0.0052	U		<0.014	U		<0.0071	U	
		VMP-13-5-012913	1/29/2013	<0.018	U		<0.0076	U		<0.0064	U		<0.0056	U		0.0044	J		<0.0076	U	
		VMP-13-5-050113	5/1/2013	0.033			<0.0067	J	U	<0.0056	U		<0.0049	U		0.0043	J		<0.0067	J	U
	10.5 ft	VMP-13-10.5	11/17/2009				<1.5	U		<1.2	U		<1.1	U		<2.9	U		<1.5	U	
		VMP-13-10.5-D	11/17/2009				<1.5	U		<1.3	U		<1.1	U		<3	U		<1.5	U	
		VMP 13-10.5-091310	9/13/2010				<0.016	U		<0.013	U		<0.012	U		0.013	J		<0.016	U	
		VMP 13-10.5-091310-Dup	9/13/2010				<0.016	U		<0.013	U		<0.011	U		0.012	J		<0.016	U	
		VMP-13-10.5-120110	12/1/2010				<0.0064	U		<0.0053	U		<0.0047	J	U	0.1			<0.0064	U	
		VMP-13-10.5-120110-DUP	12/1/2010				<0.0066	U		<0.0055	U		<0.0049	J	U	0.13			<0.0066	U	
		VMP-13-10.5-021811	2/18/2011				<2.6	U		<2.2	U		<1.9	U		<5.2	U		<2.6	U	
		VMP-13-10.5-021811-DUP	2/18/2011				<2.5	U		<2.1	U		<1.8	U		<5.1	U		<2.5	U	
		VMP-13-10.5-040511-DUP	4/5/2011	0.017			<0.0068	U		<0.0056	U		<0.005	U		0.0022	J		<0.0068	U	
		VMP-13-10.5-080911	8/9/2011	48			0.027	J		<0.12	U		<0.11	U		<0.3	U		<0.15	U	
		VMP-13-10.5-111411	11/14/2011	0.0086	J		0.0049			0.039			<0.0032	U		0.022			<0.0043	U	
		VMP-13-10.5-012712	1/26/2012	0.13		J	0.0058	J		0.013			<0.0088	U		<0.024	U		<0.012	U	
		VMP-13-10.5-012712-DUP	1/26/2012	0.24		J	0.0065	J		0.015			<0.013	U		<0.034	U		<0.017	U	
		VMP-13-10.5-042012	4/20/2012	0.013			0.014			0.038			<0.0032	U		0.049			0.00062	J	
		VMP-13-10.5-071912	7/19/2012	0.012			<0.0046	U		0.00075	J		<0.0034	U		0.23			<0.0046	J	U
		VMP-13-10.5-100912	10/9/2012	0.0066	J		<0.0061	U		<0.005	U		<0.0044	U		0.013			<0.0061	U	
		VMP-13-10.5-100912-Dup	10/9/2012	<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U		<0.014	U		<0.0073	U	
		VMP-13-10.5-013013	1/30/2013	0.0024	J		<0.0062	U		<0.0052	U		<0.0045	U		0.0096	J		<0.0062	U	
		VMP-13-10.5-050113	5/1/2013	0.0045	J		<0.0068	U		<0.0057	U		<0.005	U		0.0015	J		<0.0068	U	
	21.5 ft	VMP-13-21.5	11/17/2009				<75	U		<62	U		<55	U		<150	U		<75	U	
		VMP 13-21.5-091310	9/13/2010				<12	U		<9.9	U		<8.7	U		<24	U		<12	U	
		VMP-13-21.5-120110	12/1/2010				<23	U		<19	U		<17	U		<46	U		<23	U	
		VMP-13-21.5-021811	2/18/2011				<3.4	U		<2.9	U		<2.5	U		1.7	J		<3.4	U	
		VMP-13-21.5-040511	4/5/2011	40			<5	U		<4.1	U		<3.6	U		<9.9	U		<5	U	
		VMP-13-21.5-080911	8/9/2011	100			<0.62	U		<0.52	U		<0.45	U		<1.2	U		<0.62	U	
		VMP-13-21.5-111411	11/14/2011	63			<2.8	U		<2.4	U		<2.1	U		<5.6	U		<2.8	U	
		VMP-13-21.5-111411-DUP	11/14/2011	63			<2.8	U		<2.4	U		<2.1	U		0.96	J		<2.8	U	
		VMP-13-21.5-012712	1/27/2012	49		J	<0.66	U		<0.55	U		0.075	J	J	<1.3	U		<0.66	U	
		VMP-13-21.5-042012	4/20/2012	12			0.017	J		0.049	J		0.053			0.14	J		<0.073	U	
		VMP-13-21.5-071912	7/19/2012	0.37			<0.0046	J	U	0.011			0.0044			0.21			<0.0046	J	U
		VMP-13-21.5-100912	10/9/2012	0.22			<0.0074	U		<0.0062	U		0.0092			<0.015	U		<0.0074	U	
		VMP-13-21.5-013013	1/30/2013	<0.017	U		<0.0073	U		0.0016	J		<0.0053	U		0.015			<0.0073	U	
		VMP-13-21.5-050113	5/1/2013	0.0024	J		<0.0072	U		0.0038	J		<0.0053	U		0.0032	J		<0.0072	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
				8500						4						40000			50		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-13	5 ft	VMP-13-5	11/16/2009	<10	U		<17	U		<16	U		<7.1	U		<9.1	U		<72	UJ	UJ
		VMP 13-5-091310	9/13/2010	<0.037	U		<0.06	U		<0.06	U		<0.026	U		0.025	J		<0.26	U	
		VMP-13-5-120110	12/1/2010	<0.005	U		<0.008	U		<0.0079	J	U	<0.0034	U		0.036			<0.034	U	
		VMP-13-5-021811	2/18/2011	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.011			<0.041	U	
		VMP-13-5-040511	4/5/2011	<0.012	U		<0.019	U		<0.019	J	U	<0.0081	U		0.0026	J		<0.082	J	U
		VMP-13-5-080911	8/9/2011	0.0025	J		<0.02	U		<0.02	U		<0.0087	U		0.023			<0.088	J	U
		VMP-13-5-080911-DUP	8/9/2011	0.0013	J		<0.018	U		<0.018	U		<0.0078	U		0.022			<0.078	U	
		VMP-13-5-111411	11/14/2011	<0.0039	U		<0.0063	U		<0.0062	U		<0.0027	U		0.011			<0.027	U	
		VMP-13-5-012712	1/27/2012	<0.033	U		<0.053	U		<0.052	U		<0.023	U		0.0098	J	J	<0.23	U	
		VMP-13-5-042012	4/20/2012	<0.0038	U		<0.0061	U		<0.0061	U		0.004			0.012			<0.026	U	
		VMP-13-5-071912	7/19/2012	0.0012	J		<0.0064	U		0.0024	J		0.026			0.023			<0.028	U	
		VMP-13-5-071912-Dup	7/19/2012	0.0014	J		<0.0064	U		0.0016	J		0.028			0.023			<0.028	U	
		VMP-13-5-100912	10/9/2012	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U	
		VMP-13-5-012913	1/29/2013	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		<0.0058	J	U	<0.046	U	
		VMP-13-5-050113	5/1/2013	<0.0058	U		<0.0093	U		<0.0092	J	U	<0.004	U		<0.0051	J	U	<0.04	U	
	10.5 ft	VMP-13-10.5	11/17/2009	<1.3	U		<2	U		<2	U		<0.88	U		<1.1	U		<8.8	UJ	UJ
		VMP-13-10.5-D	11/17/2009	<1.3	U		<2.1	U		<2.1	U		<0.91	U		<1.2	U		<9.2	U	UJ
		VMP 13-10.5-091310	9/13/2010	<0.014	U		<0.022	U		0.0073	J		<0.0096	U		0.0075	J		<0.097	U	
		VMP 13-10.5-091310-Dup	9/13/2010	<0.014	U		<0.022	U		0.0034	J		<0.0094	U		0.0074	J		<0.094	U	
		VMP-13-10.5-120110	12/1/2010	<0.0055	U		<0.0089	U		<0.0088	J	U	<0.0038	U		0.0011	J		<0.038	U	
		VMP-13-10.5-120110-DUP	12/1/2010	<0.0058	U		<0.0093	U		<0.0092	J	U	<0.004	U		0.00092	J		<0.04	U	
		VMP-13-10.5-021811	2/18/2011	<2.3	U		<3.7	U		<3.6	U		<1.6	U		<2	U		<16	U	
		VMP-13-10.5-021811-DUP	2/18/2011	<2.2	U		<3.5	U		<3.5	U		<1.5	U		<1.9	U		<15	U	
		VMP-13-10.5-040511-DUP	4/5/2011	<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0041	U		0.0011	J		<0.041	J	U
		VMP-13-10.5-080911	8/9/2011	<0.13	U		<0.21	U		<0.2	U		<0.089	U		<0.11	U		<0.9	U	
		VMP-13-10.5-111411	11/14/2011	<0.0037	U		<0.006	U		<0.006	U		<0.0026	U		0.017			<0.026	U	
		VMP-13-10.5-012712	1/26/2012	<0.01	U		<0.017	U		<0.016	U		<0.0072	U		0.0046	J		<0.072	U	
		VMP-13-10.5-012712-DUP	1/26/2012	<0.015	U		<0.024	U		<0.024	U		<0.01	U		0.0047	J		<0.1	U	
		VMP-13-10.5-042012	4/20/2012	<0.0037	U		<0.006	U		<0.0059	U		0.0034			0.03			<0.026	J	U
		VMP-13-10.5-071912	7/19/2012	0.00079	J		<0.0064	U		0.0023	J		0.042			0.0082			<0.028	U	
		VMP-13-10.5-100912	10/9/2012	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0087			<0.037	U	
		VMP-13-10.5-100912-Dup	10/9/2012	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.00089	J		<0.044	U	
		VMP-13-10.5-013013	1/30/2013	<0.0054	U		<0.0086	U		<0.0085	J	U	<0.0037	U		<0.0047	J	U	<0.037	J	U
		VMP-13-10.5-050113	5/1/2013	<0.0059	U		<0.0096	U		<0.0095	J	U	<0.0041	U		<0.0052	J	U	<0.041	U	
	21.5 ft	VMP-13-21.5	11/17/2009	<65	U		<100	U		<100	U		<45	U		<57	U		<450	U	UJ
		VMP 13-21.5-091310	9/13/2010	<10	U		<17	U		<16	U		<7.1	U		3.7	J		<72	U	
		VMP-13-21.5-120110	12/1/2010	<20	U		<32	U		<32	U		<14	U		<18	U		<140	U	
		VMP-13-21.5-021811	2/18/2011	0.53	J		<4.8	U		<4.7	U		<2.1	U		0.54	J		<21	U	
		VMP-13-21.5-040511	4/5/2011	<4.3	U		<6.9	U		<6.8	U		<3	U		<3.8	U		<30	U	
		VMP-13-21.5-080911	8/9/2011	<0.54	U		<0.86	U		<0.85	U		<0.37	U		0.18	J		<3.7	U	
		VMP-13-21.5-111411	11/14/2011	<2.4	U		<3.9	U		<3.9	U		<1.7	U		3.5			<17	U	
		VMP-13-21.5-111411-DUP	11/14/2011	<2.4	U		<3.9	U		<3.9	U		<1.7	U		3.6			<17	U	
		VMP-13-21.5-012712	1/27/2012	<0.57	U		<0.92	U		<0.91	U		<0.4	U		<0.5	U		<4	U	
		VMP-13-21.5-042012	4/20/2012	0.04	J		<0.1	U		<0.1	U		<0.044	U		0.087			<0.44	U	
		VMP-13-21.5-071912	7/19/2012	0.0013	J		<0.0064	U		0.0032	J		0.039			0.018			<0.028	U	
		VMP-13-21.5-100912	10/9/2012	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		0.0012	J		<0.045	U	
		VMP-13-21.5-013013	1/30/2013	<0.0063	U		<0.01	U		<0.01	J	U	<0.0044	U		<0.0056	J	U	<0.044	J	U
		VMP-13-21.5-050113	5/1/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0056	J	U	<0.044	U	

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Location	Depth	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl			1,1,2-Trichloroethane			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene		
				41000			170000			12			5600								
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-13	5 ft	VMP-13-5	11/16/2009	<13	U		<13	U		<13	U		<14	U		<12	U		<12	U	
		VMP 13-5-091310	9/13/2010	<0.048	U		<0.048	U		<0.047	U		<0.049	U		<0.043	U		<0.043	U	
		VMP-13-5-120110	12/1/2010	<0.0064	U		<0.0064	U		<0.0063	J	U	0.0015	J		0.037			0.0091		
		VMP-13-5-021811	2/18/2011	<0.0075	U		<0.0075	U		<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U	
		VMP-13-5-040511	4/5/2011	<0.015	U		<0.015	U		0.006	J		<0.016	U		<0.014	U		<0.014	U	
		VMP-13-5-080911	8/9/2011	<0.016	U		<0.016	U		<0.016	U		<0.017	U		0.0049	J		0.0018	J	
		VMP-13-5-080911-DUP	8/9/2011	<0.014	U		<0.014	U		<0.014	U		<0.015	U		0.0028	J		<0.013	U	
		VMP-13-5-111411	11/14/2011	<0.005	U		<0.005	U		0.00096	J		<0.0052	U		0.00072	J		<0.0045	U	
		VMP-13-5-012712	1/27/2012	<0.042	U		<0.042	U		<0.042	U		<0.044	U		<0.15	U		<0.038	U	
		VMP-13-5-042012	4/20/2012	0.00044	J		<0.0049	U		<0.0048	U		0.0015	J		<0.0044	U		<0.0044	U	
		VMP-13-5-071912	7/19/2012	<0.0051	U		<0.0051	U		<0.005	U		0.0026	J	J	0.0071			0.002	J	
		VMP-13-5-071912-Dup	7/19/2012	<0.0051	U		<0.0051	U		<0.005	U		0.0024	J	J	0.0083			0.0022	J	
		VMP-13-5-100912	10/9/2012	<0.0079	U		<0.0079	U		<0.0078	U		0.0015	J		<0.0071	U		<0.0071	U	
		VMP-13-5-012913	1/29/2013	<0.0085	U		<0.0085	U		<0.0084	U		0.0019	J		<0.0076	U		<0.0076	U	
		VMP-13-5-050113	5/1/2013	<0.0074	U		<0.0074	U		<0.0073	U		0.001	J		<0.0067	U		<0.0067	U	
	10.5 ft	VMP-13-10.5	11/17/2009	<1.6	U		<1.6	U		<1.6	U		<1.7	U		<1.5	U		<1.5	U	
		VMP-13-10.5-D	11/17/2009	<1.7	U		<1.7	U		<1.7	U		<1.7	U		<1.5	U		<1.5	U	
		VMP 13-10.5-091310	9/13/2010	<0.018	U		<0.018	U		<0.018	U		<0.018	U		<0.016	U		<0.016	U	
		VMP 13-10.5-091310-Dup	9/13/2010	<0.017	U		<0.017	U		<0.017	U		<0.018	U		<0.016	U		<0.016	U	
		VMP-13-10.5-120110	12/1/2010	0.001	J		<0.0071	U		<0.007	J	U	0.0015	J		<0.0064	U		<0.0064	U	
		VMP-13-10.5-120110-DUP	12/1/2010	0.0011	J		<0.0074	U		<0.0072	J	U	0.0013	J		<0.0066	U		<0.0066	U	
		VMP-13-10.5-021811	2/18/2011	<2.9	U		<2.9	U		<2.9	U		<3	U		<2.6	U		<2.6	U	
		VMP-13-10.5-021811-DUP	2/18/2011	<2.8	U		<2.8	U		<2.8	U		<2.9	U		<2.5	U		<2.5	U	
		VMP-13-10.5-040511-DUP	4/5/2011	<0.0075	U		<0.0075	U		<0.0074	J	U	0.00087	J		<0.0068	U		<0.0068	U	
		VMP-13-10.5-080911	8/9/2011	<0.16	U		<0.16	U		<0.16	U		<0.17	U		<0.15	U		<0.15	U	
		VMP-13-10.5-111411	11/14/2011	<0.0048	U		<0.0048	U		0.0012	J		<0.0049	U		0.0014	J		<0.0043	U	
		VMP-13-10.5-012712	1/26/2012	<0.013	U		<0.013	U		<0.013	U		<0.014	U		<0.012	U		<0.012	U	
		VMP-13-10.5-012712-DUP	1/26/2012	<0.019	U		<0.019	U		<0.019	U		<0.02	U		<0.017	U		<0.017	U	
		VMP-13-10.5-042012	4/20/2012	<0.0048	J	U	<0.0048	U		<0.0047	U		0.0016	J		<0.0043	U		<0.0043	U	
		VMP-13-10.5-071912	7/19/2012	<0.0051	U		<0.0051	U		<0.005	U		0.0025	J	J	0.0018	J		<0.0046	J	U
		VMP-13-10.5-100912	10/9/2012	<0.0067	U		<0.0067	U		<0.0066	U		0.0016	J		<0.0061	J	U	<0.0061	U	
		VMP-13-10.5-100912-Dup	10/9/2012	<0.0081	U		<0.0081	U		<0.008	U		0.0014	J		<0.0073	U		<0.0073	U	
		VMP-13-10.5-013013	1/30/2013	<0.0069	U		<0.0069	U		<0.0068	U		0.0011	J		<0.0062	U		<0.0062	U	
		VMP-13-10.5-050113	5/1/2013	<0.0076	U		<0.0076	U		<0.0075	U		0.0012	J		<0.0068	U		<0.0068	U	
	21.5 ft	VMP-13-21.5	11/17/2009	<83	U		<83	U		<82	U		<85	U		<75	U		<75	U	
		VMP 13-21.5-091310	9/13/2010	<13	U		<13	U		<13	U		<14	U		<12	U		<12	U	
		VMP-13-21.5-120110	12/1/2010	<26	U		<26	U		<25	U		<26	U		<23	U		<23	U	
		VMP-13-21.5-021811	2/18/2011	<3.8	U		<3.8	U		<3.8	U		<3.9	U		<3.4	U		<3.4	U	
		VMP-13-21.5-040511	4/5/2011	<5.5	U		<5.5	U		<5.4	U		<5.7	U		<5	U		<5	U	
		VMP-13-21.5-080911	8/9/2011	<0.69	U		<0.69	U		<0.68	U		<0.71	U		<0.62	U		<0.62	U	
		VMP-13-21.5-111411	11/14/2011	<3.1	U		<3.1	U		<3.1	U		<3.2	U		<2.8	U		<2.8	U	
		VMP-13-21.5-111411-DUP	11/14/2011	<3.1	U		<3.1	U		<3.1	U		<3.2	U		<2.8	U		<2.8	U	
		VMP-13-21.5-012712	1/27/2012	<0.73	U		<0.73	U		<0.72	U		<0.75	U		<2.6	U		<0.66	U	
		VMP-13-21.5-042012	4/20/2012	<0.081	U		<0.081	U		<0.08	U		<0.084	U		0.015	J		<0.073	U	
		VMP-13-21.5-071912	7/19/2012	<0.0051	U		<0.0051	U		<0.005	U		<0.0052	U		0.0014	J		<0.0046	J	U
		VMP-13-21.5-100912	10/9/2012	<0.0083	U		<0.0083	U		<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U	
		VMP-13-21.5-013013	1/30/2013	<0.0081	U		<0.0081	U		<0.008	U		0.001	J		<0.0073	U		<0.0073	U	
		VMP-13-21.5-050113	5/1/2013	<0.008	U		<0.008	U		<0.0079	U		0.00096	J		<0.0072	U		<0.0072	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylene			o-Xylenes		
							4.8			820			790		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-13	5 ft	VMP-13-5	11/16/2009	28			<6.2	U		<10	U		<10	U	
		VMP 13-5-091310	9/13/2010	0.073			<0.022	U		0.0064	J		<0.038	U	
		VMP-13-5-120110	12/1/2010	0.13			<0.003	U		0.11			0.037		
		VMP-13-5-021811	2/18/2011	0.0028	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-13-5-040511	4/5/2011	0.012	J		<0.007	U		<0.012	U		<0.012	U	
		VMP-13-5-080911	8/9/2011	2.9		J	<0.0076	U		0.0073	J		0.0018	J	
		VMP-13-5-080911-DUP	8/9/2011	1.8		J	<0.0067	U		0.005	J		0.0016	J	
		VMP-13-5-111411	11/14/2011	0.0044			<0.0024	U		0.0019	J		0.00065	J	
		VMP-13-5-012712	1/27/2012	0.19		J	<0.02	U		<0.034	U		<0.034	U	
		VMP-13-5-042012	4/20/2012	0.0015	J		<0.0023	U		0.0037	J		<0.0039	U	
		VMP-13-5-071912	7/19/2012	0.0041	J		<0.0024	U		0.009			0.0046		
		VMP-13-5-071912-Dup	7/19/2012	0.004	J		<0.0024	U		0.0098			0.0047		
		VMP-13-5-100912	10/9/2012	0.043			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-13-5-012913	1/29/2013	<0.0073	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-13-5-050113	5/1/2013	0.071			<0.0035	U		<0.0059	U		<0.0059	U	
	10.5 ft	VMP-13-10.5	11/17/2009	2.6			<0.76	U		<1.3	U		<1.3	U	
		VMP-13-10.5-D	11/17/2009	2.8			<0.79	U		<1.3	U		<1.3	U	
		VMP 13-10.5-091310	9/13/2010	0.38			<0.0083	U		<0.014	U		<0.014	U	
		VMP 13-10.5-091310-Dup	9/13/2010	0.4			<0.0081	U		0.0025	J		<0.014	U	
		VMP-13-10.5-120110	12/1/2010	0.081			<0.0033	U		<0.0056	J	U	<0.0056	U	
		VMP-13-10.5-120110-DUP	12/1/2010	0.097			<0.0034	U		<0.0059	J	U	<0.0059	U	
		VMP-13-10.5-021811	2/18/2011	17			<1.4	U		<2.3	U		<2.3	U	
		VMP-13-10.5-021811-DUP	2/18/2011	18			<1.3	U		<2.2	U		<2.2	U	
		VMP-13-10.5-040511-DUP	4/5/2011	0.0012	J		<0.0035	U		0.00081	J		<0.006	U	
		VMP-13-10.5-080911	8/9/2011	34			<0.077	U		<0.13	U		<0.13	U	
		VMP-13-10.5-111411	11/14/2011	0.0017	J		<0.0022	U		0.0023	J		0.00073	J	
		VMP-13-10.5-012712	1/26/2012	0.052			<0.0062	U		<0.011	U		<0.011	U	
		VMP-13-10.5-012712-DUP	1/26/2012	0.08			<0.0089	U		<0.015	U		<0.015	U	
		VMP-13-10.5-042012	4/20/2012	0.0014	J		<0.0022	U		0.0035	J		<0.0038	U	
		VMP-13-10.5-071912	7/19/2012	0.01			<0.0024	U		0.0047			0.0019	J	
		VMP-13-10.5-100912	10/9/2012	0.0022	J		<0.0032	U		0.0084			0.0039	J	
		VMP-13-10.5-100912-Dup	10/9/2012	0.0012	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-13-10.5-013013	1/30/2013	0.001	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-13-10.5-050113	5/1/2013	0.0076			<0.0036	U		0.0024	J		<0.006	U	
	21.5 ft	VMP-13-21.5	11/17/2009	<71	U		<39	U		<66	U		<66	U	
		VMP 13-21.5-091310	9/13/2010	43			<6.2	U		<10	U		<10	U	
		VMP-13-21.5-120110	12/1/2010	57			<12	U		<20	U		<20	U	
		VMP-13-21.5-021811	2/18/2011	15			<1.8	U		<3	U		<3	U	
		VMP-13-21.5-040511	4/5/2011	16			<2.6	U		<4.4	U		<4.4	U	
		VMP-13-21.5-080911	8/9/2011	55			<0.32	U		0.18	J		<0.55	U	
		VMP-13-21.5-111411	11/14/2011	33			<1.5	U		<2.5	U		<2.5	U	
		VMP-13-21.5-111411-DUP	11/14/2011	31			<1.5	U		<2.5	U		<2.5	U	
		VMP-13-21.5-012712	1/27/2012	29		J	<0.34	U		<0.58	U		<0.58	U	
		VMP-13-21.5-042012	4/20/2012	6.9			<0.038	U		0.024	J		<0.065	U	
		VMP-13-21.5-071912	7/19/2012	1.4			<0.0024	U		0.0054			0.0022	J	
		VMP-13-21.5-100912	10/9/2012	0.3			<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-13-21.5-013013	1/30/2013	0.0057	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-13-21.5-050113	5/1/2013	0.01			<0.0038	U		<0.0064	U		<0.0064	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Acetone			alpha-Chlorotoluene			Benzene			Bromodichloromethane			Bromoform		
				750000						2.8			450000			52		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-14	29.5 ft	VMP-13-29.5	11/17/2009	<280	U		<150	U		90000			<200	U		<310	U	
		VMP-13-29.5-021811	2/18/2011	<200	U		<110	U		17000			<140	U		<220	U	
		VMP-13-29.5-040511	4/5/2011	<130	U		<72	U		23000			<94	U		<140	U	
		VMP-13-29.5-013012	1/30/2012	<4.1	U		<2.2	U		8600			<2.9	U		<4.4	U	
		VMP-13-29.5-042012	4/20/2012	3.2	J		<2.9	U		2300			<3.8	U		<5.8	U	
		VMP-13-29.5-071912	7/19/2012	<15	U		<8.3	U		2600			<11	U		<17	U	
		VMP-13-29.5-100912	10/9/2012	<14	U		<7.8	U		630			<10	U		<16	U	
		VMP-13-29.5-013013	1/30/2013	4.5	J		<3.3	U		580			<4.3	U		<6.6	U	
		VMP-13-29.5-050113	5/1/2013	0.38	J		<0.22	U		31			<0.28	U		<0.43	U	
	5 ft	VMP-14-5	11/20/2009	<0.024	U		<0.013	U		0.021			<0.017	U		<0.027	U	
		VMP 14-5-091010	9/10/2010	<0.59	U		<0.32	U		0.71			<0.42	U		<0.64	U	
		VMP-14-5-120110	12/1/2010	0.017			<0.0062	U		0.008			0.0012	J		<0.012	U	
		VMP-14-5-021711	2/17/2011	0.0069	J		<0.0068	U		1.2			<0.0088	U		<0.014	U	
		VMP-14-5-040511	4/5/2011	0.012	J		<0.007	U		0.011			<0.009	U		<0.014	U	
		VMP-14-5-080811	8/8/2011	<13	U		<7.3	U		13			<9.4	U		<14	U	
		VMP-14-5-111411	11/14/2011	0.0078	J		<0.018	U		3.1			<0.024	U		<0.036	U	
		VMP-14-5-042012	4/20/2012	0.012	J		<0.0044	U		0.026			<0.0057	U		<0.0088	U	
		VMP-14-5-072312	7/23/2012	0.2			0.0084			0.43			<0.0069	U		<0.011	U	
		VMP-14-5-101012	10/10/2012	0.012	J		<0.0075	U		0.025			<0.0097	U		<0.015	U	
		VMP-14-5-013113	1/31/2013	0.01	J		<0.007	U		<0.0043	U		<0.009	U		<0.014	U	
		VMP-14-5-050113	5/1/2013	0.17			<0.0079	U		0.0069			<0.01	U		<0.016	U	
	11.5 ft	VMP-14-11.5	11/16/2009	<2.9	U		<1.6	U		550			<2.1	U		<3.2	U	
		VMP 14-11.5-091010	9/10/2010	<9.1	U		<4.9	U		52			<6.4	U		<9.9	U	
		VMP-14-11.5-120110	12/2/2010	<0.8	U		<0.43	U		0.28			<0.56	U		<0.87	U	
		VMP-14-11.5-120110-DUP	12/2/2010	<0.72	U		<0.39	U		0.28			<0.51	U		<0.78	U	
		VMP-14-11.5-021711	2/17/2011	<0.26	U		<0.14	U		0.86			<0.18	U		<0.28	U	
		VMP-14-11.5-021711-DUP	2/17/2011	<0.26	U		<0.14	U		1			<0.18	U		<0.28	U	
		VMP-14-11.5-040511	4/5/2011	<0.043	U		<0.023	U		0.079			<0.03	U		<0.046	U	
		VMP-14-11.5-080811	8/8/2011	<1.3	U		<0.72	U		0.18	J		<0.93	U		<1.4	U	
		VMP-14-11.5-111511	11/15/2011	1.8	J		<1.1	U		2.2			<1.4	U		<2.2	U	
		VMP-14-11.5-012612	1/26/2012	<8.4	U		<18	U		3.8			<5.9	U		<36	U	
		VMP-14-11.5-042312	4/23/2012	0.015	J		<0.0047	U		0.0068			<0.0061	U		<0.0094	U	
		VMP-14-11.5-042312-Dup	4/23/2012	0.0098	J		<0.0047	U		0.0068			<0.0061	U		<0.0094	U	
		VMP-14-11.5-072512	7/25/2012	<3	U		<1.7	U		<1	U		<2.2	U		<3.3	U	
		VMP-14-11.5-101012	10/10/2012	0.024	J		<0.0071	U		0.0039	J		<0.0092	U		<0.014	U	
		VMP-14-11.5-013113	1/31/2013	0.0082	J		<0.0067	J	U	<0.0041	U		<0.0086	U		<0.013	U	
		VMP-14-11.5-050113	5/1/2013	0.032	J		<0.0077	U		0.0086			<0.01	U		<0.015	U	
	20 ft	VMP-14-20	11/16/2009	<110	U		<62	U		26000			<80	U		<120	U	
		VMP 14-20-091010	9/10/2010	<140	U		<75	U		37000			<97	U		<150	U	
		VMP 14-20-091010-Dup	9/10/2010	<140	U		<78	U		35000			<100	U		<160	U	
		VMP-14-20-120110	12/2/2010	<370	U		<200	U		47000			<260	U		<400	U	
		VMP-14-20-021811	2/18/2011	<210	U		<110	U		20000			<150	U		<230	U	
		VMP-14-20-040511	4/5/2011	18	J		<49	U		22000			<64	U		<98	U	
		VMP-14-20-080811	8/8/2011	<33	U		<18	U		17000			<23	U		<36	U	
		VMP-14-20-111511	11/15/2011	<170	U		<92	U		16000			<120	U		<180	U	
		VMP-14-20-012612	1/26/2012	2.8	J	J	<36	U		17000			<12	U		<72	U	
		VMP-14-20-042312	4/23/2012	<9.1	U		<20	U		13000			<6.4	U		<9.9	U	
		VMP-14-20-072512	7/25/2012	<14	U		<7.9	U		13000			<10	U		<16	U	
		VMP-14-20-101612	10/16/2012	16	J		<36	U		9400			<47	U		<73	U	
		VMP-14-20-013113	1/31/2013	36	J		2.8	J		12000			<17	U		<26	U	
		VMP-14-20-050113	5/1/2013	<0.36	U		<0.079	U		23		J	<0.1	U		<0.16	U	
		VMP-14-20-050113-Dup	5/1/2013	<1.4	U		<0.32	U		63		J	<0.41	U		<0.63	U	

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CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Bromomethane			1,3-Butadiene			Butane			2-Butanone			Carbon disulfide			Carbon tetrachloride		
				42									40000			5300			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-14	29.5 ft	VMP-13-29.5	11/17/2009	<120	U		<66	U					<88	U		<93	U		<190	U	
		VMP-13-29.5-021811	2/18/2011	<84	U		<48	U					<64	U		<67	U		<140	U	
		VMP-13-29.5-040511	4/5/2011	<54	U		<31	U		94	J		<160	U		<44	U		<88	U	
		VMP-13-29.5-013012	1/30/2012	<1.7	U		<0.94	U		32		J	<5	U		<1.3	U		<2.7	U	
		VMP-13-29.5-042012	4/20/2012	<22	U		<1.2	U		57			<6.6	U		2.4	J		<3.5	U	
		VMP-13-29.5-071912	7/19/2012	<6.2	U		<3.6	U		30			<19	U		<5	U		<10	U	
		VMP-13-29.5-100912	10/9/2012	<5.9	U		<3.4	U		51			<18	U		<4.7	U		1.5	J	
		VMP-13-29.5-013013	1/30/2013	<25	U		<1.4	U		<6.1	U		<7.5	U		1.3	J		<4	U	
		VMP-13-29.5-050113	5/1/2013	<1.6	U		<0.092	U		<0.4	U		<0.49	U		0.096	J		<0.26	U	
	5 ft	VMP-14-5	11/20/2009	<0.01	U		<0.005	U					<0.007	U		<0.008	U		<0.016	U	
		VMP 14-5-091010	9/10/2010	<0.24	U		<0.14	U					<0.18	U		<0.19	U		<0.39	U	
		VMP-14-5-120110	12/1/2010	<0.0047	U		<0.0026	U					0.0028	J		<0.0037	U		<0.0076	U	
		VMP-14-5-021711	2/17/2011	<0.0051	U		<0.0029	U					<0.0039	U		<0.0041	J	U	<0.0083	U	
		VMP-14-5-040511	4/5/2011	<0.0052	J	U	<0.003	U		1.5	E	J	<0.016	U		<0.017	J	U	<0.0085	U	
		VMP-14-5-080811	8/8/2011	<5.4	U		<3.1	U		2600			<16	U		<4.4	U		<8.8	U	
		VMP-14-5-111411	11/14/2011	<0.014	U		<0.0078	U		0.011	J		<0.042	U		0.0088	J		<0.022	U	
		VMP-14-5-042012	4/20/2012	<0.033	U		<0.0019	U		0.037			0.018			<0.011	J	U	<0.0054	U	
		VMP-14-5-072312	7/23/2012	0.0023	J		<0.0023	U		0.0038	J		0.09			<0.013	U		<0.0065	U	
		VMP-14-5-101012	10/10/2012	<0.056	U		<0.0032	U		<0.014	U		0.0038	J		<0.018	U		<0.0091	U	
		VMP-14-5-013113	1/31/2013	<0.052	U		<0.003	U		0.0044	J		<0.016	U		<0.017	J	U	<0.0085	U	
		VMP-14-5-050113	5/1/2013	<0.06	U		<0.0034	U		0.014	J		0.011	J		<0.019	J	U	<0.0096	U	
	11.5 ft	VMP-14-11.5	11/16/2009	<1.2	U		<0.68	U					<0.91	U		<0.96	U		<1.9	U	
		VMP 14-11.5-091010	9/10/2010	<3.7	U		<2.1	U					<2.8	U		<3	U		<6	U	
		VMP-14-11.5-120110	12/2/2010	<0.33	U		<0.18	U					<0.25	U		<0.26	U		<0.53	U	
		VMP-14-11.5-120110-DUP	12/2/2010	<0.3	U		<0.17	U					<0.22	U		<0.24	U		<0.48	U	
		VMP-14-11.5-021711	2/17/2011	<0.11	U		<0.061	U					<0.081	U		0.052	J		<0.17	U	
		VMP-14-11.5-021711-DUP	2/17/2011	<0.11	U		<0.061	U					<0.081	U		0.041	J		<0.17	U	
		VMP-14-11.5-040511	4/5/2011	<0.017	U		<0.0099	U		18	E	J	0.014	J		<0.056	J	U	<0.028	U	
		VMP-14-11.5-080811	8/8/2011	<0.54	U		<0.31	U		320			<1.6	U		<0.43	U		<0.87	U	
		VMP-14-11.5-111511	11/15/2011	<0.84	U		<0.48	U		560			0.53	J		1.7	J		<1.4	U	
		VMP-14-11.5-012612	1/26/2012	<3.4	U		<1.9	U		1500			<10	U		<2.7	U		<5.5	U	
		VMP-14-11.5-042312	4/23/2012	<0.036	U		<0.002	U		0.044			0.011			<0.011	J	U	<0.0058	U	
		VMP-14-11.5-042312-Dup	4/23/2012	<0.036	U		<0.002	U		0.046			0.0081	J		<0.011	J	U	<0.0058	U	
		VMP-14-11.5-072512	7/25/2012	<1.2	U		<0.71	U		460			<3.8	U		<1	U		<2	U	
		VMP-14-11.5-101012	10/10/2012	<0.054	U		<0.003	U		0.018			<0.016	U		0.008	J		<0.0087	U	
		VMP-14-11.5-013113	1/31/2013	<0.05	U		<0.0028	U		<0.012	U		<0.015	U		<0.016	J	U	<0.0081	U	
		VMP-14-11.5-050113	5/1/2013	<0.058	U		<0.0033	U		<0.014	U		0.0059	J		<0.018	J	U	<0.0094	U	
	20 ft	VMP-14-20	11/16/2009	<46	U		<26	U					<35	U		<37	U		<75	U	
		VMP 14-20-091010	9/10/2010	<56	U		<32	U					<43	U		<45	U		<92	U	
		VMP 14-20-091010-Dup	9/10/2010	<59	U		<33	U					<44	U		<47	U		<95	U	
		VMP-14-20-120110	12/2/2010	<150	U		<87	U					<120	U		<120	U		<250	U	
		VMP-14-20-021811	2/18/2011	<86	U		<49	U					<65	U		<69	U		<140	U	
		VMP-14-20-040511	4/5/2011	<37	U		<21	U		3400			<110	U		<30	U		<60	U	
		VMP-14-20-080811	8/8/2011	<13	U		<7.6	U		6000			<41	U		<11	U		<22	U	
		VMP-14-20-111511	11/15/2011	<69	U		<39	U		5900			<210	U		<220	U		<110	U	
		VMP-14-20-012612	1/26/2012	<6.8	U		<3.9	U		4100		J	<21	U		1.5	J	J	<11	U	
		VMP-14-20-042312	4/23/2012	<3.7	U		<2.1	U		2400			<11	U		<3	U		<6	U	
		VMP-14-20-072512	7/25/2012	<5.9	U		<3.4	U		2200			<18	U		<4.7	U		<9.6	U	
		VMP-14-20-101612	10/16/2012	<27	U		<16	U		1100			<83	U		<22	U		<44	U	
		VMP-14-20-013113	1/31/2013	<98	U		<5.6	U		350			<30	U		4.7	J		<16	U	
		VMP-14-20-050113	5/1/2013	<0.59	U		<0.034	U		4.8		J	<0.18	U		<0.19	U		<0.096	U	
		VMP-14-20-050113-Dup	5/1/2013	<2.4	U		<0.13	U		13		J	<0.72	U		<0.76	U		<0.38	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			Cyclohexane		
				420			57000						0.92								
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-14	29.5 ft	VMP-13-29.5	11/17/2009	<140	U		<250	U		<78	U		<140	U		<240	U		<100	U	
		VMP-13-29.5-021811	2/18/2011	<99	U		<180	U		<57	U		<100	U		<180	U		<74	U	
		VMP-13-29.5-040511	4/5/2011	<64	U		<120	U		<150	U		<68	U		<120	U		<48	U	
		VMP-13-29.5-013012	1/30/2012	<2	U		<3.6	U		<4.5	U		<2.1	U		<3.5	U		4		J
		VMP-13-29.5-042012	4/20/2012	1.1	J		<4.8	U		<5.9	U		<2.7	U		<12	U		2.6		
		VMP-13-29.5-071912	7/19/2012	<7.4	U		<14	U		<17	U		<7.9	U		<13	U		<5.5	U	
		VMP-13-29.5-100912	10/9/2012	<7	U		<13	U		<16	U		<7.4	U		<12	U		2.2	J	
		VMP-13-29.5-013013	1/30/2013	<2.9	U		<5.4	U		<6.8	U		<3.1	U		<13	U		<2.2	U	
		VMP-13-29.5-050113	5/1/2013	<0.19	U		<0.36	U		<0.44	U		<0.2	U		<0.86	U		<0.14	U	
	5 ft	VMP-14-5	11/20/2009	<0.012	U		<0.022	U		<0.006	U		<0.012	U		<0.021	U		<0.008	U	
		VMP 14-5-091010	9/10/2010	<0.28	U		<0.53	U		<0.16	U		<0.3	U		<0.51	U		0.85		
		VMP-14-5-120110	12/1/2010	<0.0055	U		<0.01	U		<0.0032	U		0.00067	J		<0.0099	U		0.001	J	
		VMP-14-5-021711	2/17/2011	<0.0061	U		<0.011	U		<0.0035	U		<0.0064	U		<0.011	U		0.069		
		VMP-14-5-040511	4/5/2011	<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.011	U		0.0013	J	
		VMP-14-5-080811	8/8/2011	<6.5	U		<12	U		<15	U		<6.9	U		<12	U		91		
		VMP-14-5-111411	11/14/2011	<0.016	U		<0.03	U		<0.037	U		<0.017	U		<0.029	U		<0.012	U	
		VMP-14-5-042012	4/20/2012	<0.0039	J	U	<0.0073	U		<0.009	U		<0.0042	U		<0.018	U		0.008		
		VMP-14-5-072312	7/23/2012	<0.0047	U		<0.0088	U		<0.011	U		0.0013	J		0.0039	J		<0.0035	U	
		VMP-14-5-101012	10/10/2012	<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.005	U	
		VMP-14-5-013113	1/31/2013	<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.0046	U	
		VMP-14-5-050113	5/1/2013	<0.0071	J	U	<0.013	U		<0.016	U		<0.0075	U		<0.032	U		0.014		
	11.5 ft	VMP-14-11.5	11/16/2009	<1.4	U		<2.6	U		<0.81	U		<1.5	U		<2.5	U		180		
		VMP 14-11.5-091010	9/10/2010	<4.4	U		<8.1	U		<2.5	U		<4.7	U		<7.9	U		140		
		VMP-14-11.5-120110	12/2/2010	<0.39	U		<0.72	U		<0.22	U		<0.41	U		<0.69	U		3.6		
		VMP-14-11.5-120110-DUP	12/2/2010	<0.35	U		<0.65	U		<0.2	U		<0.37	U		<0.63	U		3.7		
		VMP-14-11.5-021711	2/17/2011	<0.13	U		<0.24	U		<0.073	U		<0.13	U		<0.23	U		2.7		
		VMP-14-11.5-021711-DUP	2/17/2011	<0.13	U		<0.24	U		<0.073	U		<0.13	U		<0.23	U		3		
		VMP-14-11.5-040511	4/5/2011	<0.021	U		<0.038	U		0.037	J		<0.022	U		<0.037	U		1.2		
		VMP-14-11.5-080811	8/8/2011	<0.64	U		<1.2	U		0.24	J		<0.68	U		<1.1	U		1.6		
		VMP-14-11.5-111511	11/15/2011	<0.99	U		<1.8	U		<2.3	U		<1	U		<1.8	U		12		
		VMP-14-11.5-012612	1/26/2012	<4	U		<7.5	U		<9.3	U		<4.3	U		<7.3	U		22		
		VMP-14-11.5-042312	4/23/2012	<0.0042	J	U	<0.0078	U		<0.0096	U		<0.0045	U		<0.019	U		0.0056		
		VMP-14-11.5-042312-Dup	4/23/2012	<0.0042	J	U	<0.0078	U		<0.0096	U		<0.0045	U		<0.019	U		0.0053		
		VMP-14-11.5-072512	7/25/2012	<1.5	U		<2.7	U		<3.4	U		<1.6	U		<2.6	U		1.8		
		VMP-14-11.5-101012	10/10/2012	<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		0.0029	J	
		VMP-14-11.5-013113	1/31/2013	<0.0059	J	U	<0.011	U		<0.014	U		0.0094			<0.027	U		<0.0044	U	
		VMP-14-11.5-050113	5/1/2013	<0.0068	J	U	<0.013	U		<0.016	U		0.0045	J		<0.031	U		<0.0051	U	
	20 ft	VMP-14-20	11/16/2009	<55	U		<100	U		<31	U		<58	U		<98	U		160		
		VMP 14-20-091010	9/10/2010	<67	U		<120	U		<38	U		<71	U		<120	U		250		
		VMP 14-20-091010-Dup	9/10/2010	<70	U		<130	U		<40	U		<74	U		<120	U		240		
		VMP-14-20-120110	12/2/2010	<180	U		<330	U		<100	U		<190	U		<320	U		310		
		VMP-14-20-021811	2/18/2011	<100	U		<190	U		<58	U		<110	U		<180	U		160		
		VMP-14-20-040511	4/5/2011	<44	U		<81	U		<100	U		<46	U		<78	U		150		
		VMP-14-20-080811	8/8/2011	<16	U		<29	U		<36	U		<17	U		<28	U		<12	U	
		VMP-14-20-111511	11/15/2011	<82	U		<150	U		<190	U		<87	U		<150	U		240		
		VMP-14-20-012612	1/26/2012	<8	U		<15	U		<18	U		<8.5	U		<14	U		230		J
		VMP-14-20-042312	4/23/2012	<4.4	U		<8.1	U		<10	U		<4.7	U		<7.9	U		240		
		VMP-14-20-072512	7/25/2012	<7	U		<13	U		<16	U		<7.4	U		<12	U		180		
		VMP-14-20-101612	10/16/2012	<32	U		<60	U		<74	U		<34	U		<58	U		150		
		VMP-14-20-013113	1/31/2013	<12	U		<21	U		<26	U		<12	U		<52	U		150		
		VMP-14-20-050113	5/1/2013	<0.07	U		<0.13	U		<0.16	U		<0.074	U		<0.31	U		0.73		J
		VMP-14-20-050113-Dup	5/1/2013	<0.28	U		<0.52	U		<0.64	U		<0.3	U		<1.2	U		2.1		J

TABLE 6
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Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane		
				0.06			1700						6800						4200		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-14	29.5 ft	VMP-13-29.5	11/17/2009	<230	U		<180	U		<180	U		<180	U		<150	U		<120	U	
		VMP-13-29.5-021811	2/18/2011	<160	U		<130	U		<130	U		<130	U		<110	U		<87	U	
		VMP-13-29.5-040511	4/5/2011	<110	U		<84	U		<84	U		<84	U		<69	U		<57	U	
		VMP-13-29.5-013012	1/30/2012	<3.3	U		<2.6	U		<2.6	U		<2.6	U		<2.1	U		<1.7	U	
		VMP-13-29.5-042012	4/20/2012	<4.3	U		<3.4	U		<3.4	U		<3.4	U		<2.8	U		<2.3	U	
		VMP-13-29.5-071912	7/19/2012	<12	U		<9.7	U		<9.7	U		<9.7	U		<8	U		<6.5	U	
		VMP-13-29.5-100912	10/9/2012	<12	U		<9.1	U		<9.1	U		<9.1	U		<7.5	U		<6.1	U	
		VMP-13-29.5-013013	1/30/2013	<4.9	U		<3.8	U		<3.8	U		<3.8	U		<3.2	U		<2.6	U	
		VMP-13-29.5-050113	5/1/2013	<0.32	U		<0.25	U		0.034	J		0.044	J		<0.21	U		<0.17	U	
	5 ft	VMP-14-5	11/20/2009	<0.02	U		<0.016	U		<0.016	U		<0.016	U		<0.013	U		<0.01	U	
		VMP 14-5-091010	9/10/2010	<0.48	U		<0.37	U		<0.37	U		<0.37	U		<0.31	U		<0.25	U	
		VMP-14-5-120110	12/1/2010	<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0048	U	
		VMP-14-5-021711	2/17/2011	<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U	
		VMP-14-5-040511	4/5/2011	<0.01	U		<0.0081	J	U	<0.0081	J	U	<0.0081	J	U	0.0023	J		<0.0054	U	
		VMP-14-5-080811	8/8/2011	<11	U		<8.4	U		<8.4	U		<8.4	U		<6.9	U		<5.7	U	
		VMP-14-5-111411	11/14/2011	<0.027	U		<0.021	U		<0.021	U		<0.021	U		<0.017	U		<0.014	U	
		VMP-14-5-042012	4/20/2012	<0.0066	U		0.0012	J		0.0014	J		<0.0051	J	U	0.0025	J		<0.0035	U	
		VMP-14-5-072312	7/23/2012	<0.0079	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0028	J		<0.0042	U	
		VMP-14-5-101012	10/10/2012	<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0024	J		<0.0058	U	
		VMP-14-5-013113	1/31/2013	<0.01	U		<0.0081	U		<0.0081	J	U	<0.0081	J	U	0.0024	J		<0.0054	U	
		VMP-14-5-050113	5/1/2013	<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0031	J		<0.0062	U	
	11.5 ft	VMP-14-11.5	11/16/2009	<2.4	U		<1.8	U		<1.8	U		<1.8	U		<1.5	U		<1.2	U	
		VMP 14-11.5-091010	9/10/2010	<7.3	U		<5.7	U		<5.7	U		<5.7	U		<4.7	U		<3.9	U	
		VMP-14-11.5-120110	12/2/2010	<0.64	U		<0.5	U		<0.5	U		<0.5	U		<0.42	U		<0.34	U	
		VMP-14-11.5-120110-DUP	12/2/2010	<0.58	U		<0.46	U		<0.46	U		<0.46	U		<0.38	U		<0.31	U	
		VMP-14-11.5-021711	2/17/2011	<0.21	U		<0.16	U		<0.16	U		<0.16	U		<0.14	U		<0.11	U	
		VMP-14-11.5-021711-DUP	2/17/2011	<0.21	U		<0.16	U		<0.16	U		<0.16	U		<0.14	U		<0.11	U	
		VMP-14-11.5-040511	4/5/2011	<0.034	U		<0.027	U		<0.027	U		<0.027	U		<0.022	U		<0.018	U	
		VMP-14-11.5-080811	8/8/2011	<1.1	U		<0.84	U		<0.84	U		<0.84	U		<0.69	U		<0.56	U	
		VMP-14-11.5-111511	11/15/2011	<1.6	U		<1.3	U		0.21	J		0.31	J		<1.1	U		<0.87	U	
		VMP-14-11.5-012612	1/26/2012	<6.8	U		<5.3	U		<5.3	U		<5.3	U		<4.4	U		<3.6	U	
		VMP-14-11.5-042312	4/23/2012	<0.007	U		<0.0055	U		<0.0055	U		<0.0055	J	U	0.0023	J		<0.0037	U	
		VMP-14-11.5-042312-Dup	4/23/2012	<0.007	U		<0.0055	U		<0.0055	U		<0.0055	J	U	0.0014	J		<0.0037	U	
		VMP-14-11.5-072512	7/25/2012	<2.5	U		<1.9	U		<1.9	U		<1.9	U		<1.6	U		<1.3	U	
		VMP-14-11.5-101012	10/10/2012	<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U	
		VMP-14-11.5-013113	1/31/2013	<0.0099	U		<0.0078	J	U	<0.0078	J	U	<0.0078	J	U	0.0028	J		<0.0052	U	
		VMP-14-11.5-050113	5/1/2013	<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0022	J		<0.006	U	
	20 ft	VMP-14-20	11/16/2009	<91	U		<72	U		<72	U		<72	U		<59	U		<48	U	
		VMP 14-20-091010	9/10/2010	<110	U		<87	U		<87	U		<87	U		<72	U		<59	U	
		VMP 14-20-091010-Dup	9/10/2010	<120	U		<91	U		<91	U		<91	U		<75	U		<61	U	
		VMP-14-20-120110	12/2/2010	<300	U		<240	U		<240	U		<240	U		<190	U		<160	U	
		VMP-14-20-021811	2/18/2011	<170	U		<130	U		<130	U		<130	U		<110	U		<90	U	
		VMP-14-20-040511	4/5/2011	<73	U		<57	U		<57	U		<57	U		<47	U		<38	U	
		VMP-14-20-080811	8/8/2011	<26	U		<21	U		<21	U		<21	U		<17	U		<14	U	
		VMP-14-20-111511	11/15/2011	<140	U		<110	U		<110	U		<110	U		<88	U		<72	U	
		VMP-14-20-012612	1/26/2012	<13	U		<10	U		<10	U		<10	U		<8.6	U		<7.1	U	
		VMP-14-20-042312	4/23/2012	<7.3	U		<5.7	U		<5.7	U		<5.7	U		<4.7	U		<3.9	U	
		VMP-14-20-072512	7/25/2012	<12	U		<9.2	U		<9.2	U		<9.2	U		<7.5	U		<6.2	U	
		VMP-14-20-101612	10/16/2012	<54	U		<42	U		<42	U		<42	U		<35	U		<28	U	
		VMP-14-20-013113	1/31/2013	<19	U		<15	U		2.9	J		3.2	J		<12	U		<10	U	
		VMP-14-20-050113	5/1/2013	<0.12	U		<0.091	U		<0.091	U		<0.091	U		<0.075	U		<0.062	U	
		VMP-14-20-050113-Dup	5/1/2013	<0.47	U		<0.37	U		<0.37	U		<0.37	U		<0.3	U		<0.25	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	1,2-Dichloroethane			1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene			1,2-Dichloropropane		
				0.81			1600			1100000			510			45			0.46		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-14	29.5 ft	VMP-13-29.5	11/17/2009	<120	U		<120	U		<120	U		<120	U		<100	U		<140	U	
		VMP-13-29.5-021811	2/18/2011	<87	U		<86	U		<86	U		<86	U		<75	U		<100	U	
		VMP-13-29.5-040511	4/5/2011	<57	U		<56	U		<56	U		<56	U		<49	U		<65	U	
		VMP-13-29.5-013012	1/30/2012	<1.7	U		<1.7	U		<1.7	U		<1.7	U		<1.5	U		<2	U	
		VMP-13-29.5-042012	4/20/2012	<2.3	U		<2.2	U		<2.2	U		<2.2	U		0.59	J		<2.6	U	
		VMP-13-29.5-071912	7/19/2012	<6.5	U		<6.4	U		<6.4	U		<6.4	U		<5.6	U		<7.4	U	
		VMP-13-29.5-100912	10/9/2012	<6.1	U		<6	U		<6	U		<6	U		<5.3	U		<7	U	
		VMP-13-29.5-013013	1/30/2013	<2.6	U		<2.5	U		<2.5	U		<2.5	U		1.7	J		<3	U	
		VMP-13-29.5-050113	5/1/2013	<0.17	U		<0.16	U		<0.16	U		<0.16	U		0.02	J		<0.19	U	
	5 ft	VMP-14-5	11/20/2009	<0.01	U		<0.01	U		<0.01	U		<0.01	U		<0.009	U		<0.012	U	
		VMP 14-5-091010	9/10/2010	<0.25	U		<0.24	U		<0.24	U		<0.24	U		<0.22	U		<0.29	U	
		VMP-14-5-120110	12/1/2010	<0.0048	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.0042	U		<0.0055	U	
		VMP-14-5-021711	2/17/2011	<0.0053	U		<0.0052	U		<0.0052	U		<0.0052	U		<0.0046	U		<0.0061	U	
		VMP-14-5-040511	4/5/2011	<0.0054	U		<0.0053	U		<0.0053	U		<0.0053	U		0.0022	J		<0.0062	U	
		VMP-14-5-080811	8/8/2011	<5.7	U		<5.6	U		<5.6	U		<5.6	U		<4.9	U		<6.5	U	
		VMP-14-5-111411	11/14/2011	<0.014	U		<0.014	U		<0.014	U		<0.014	U		<0.012	U		<0.016	U	
		VMP-14-5-042012	4/20/2012	0.00037	J		<0.0034	U		<0.0034	U		<0.0034	U		<0.03	J	U	<0.004	U	
		VMP-14-5-072312	7/23/2012	<0.0042	U		<0.0041	U		<0.0041	U		<0.0041	U		0.003	J		<0.0048	U	
		VMP-14-5-101012	10/10/2012	<0.0058	U		<0.0057	U		<0.0057	U		<0.0057	U		0.0033	J		<0.0067	U	
		VMP-14-5-013113	1/31/2013	<0.0054	U		<0.0053	U		<0.0053	U		<0.0053	U		<0.047	J	U	<0.0062	U	
		VMP-14-5-050113	5/1/2013	<0.0062	U		<0.0061	U		<0.0061	U		<0.0061	U		<0.053	U		<0.0071	U	
	11.5 ft	VMP-14-11.5	11/16/2009	<1.2	U		<1.2	U		<1.2	U		<1.2	U		<1.1	U		<1.4	U	
		VMP 14-11.5-091010	9/10/2010	<3.9	U		<3.8	U		<3.8	U		<3.8	U		<3.3	U		<4.4	U	
		VMP-14-11.5-120110	12/2/2010	<0.34	U		<0.33	U		<0.33	U		<0.33	U		1.2			<0.39	U	
		VMP-14-11.5-120110-DUP	12/2/2010	<0.31	U		<0.3	U		<0.3	U		<0.3	U		1.9			<0.35	U	
		VMP-14-11.5-021711	2/17/2011	<0.11	U		<0.11	U		<0.11	U		<0.11	U		<0.096	U		<0.13	U	
		VMP-14-11.5-021711-DUP	2/17/2011	<0.11	U		<0.11	U		<0.11	U		<0.11	U		<0.096	U		<0.13	U	
		VMP-14-11.5-040511	4/5/2011	<0.018	U		<0.018	U		<0.018	U		<0.018	U		<0.016	U		<0.021	U	
		VMP-14-11.5-080811	8/8/2011	<0.56	U		<0.55	U		<0.55	U		<0.55	U		<0.48	U		<0.64	U	
		VMP-14-11.5-111511	11/15/2011	0.89			<0.86	U		<0.86	U		<0.86	U		<0.75	U		<1	U	
		VMP-14-11.5-012612	1/26/2012	<3.6	U		<3.5	U		<3.5	U		<3.5	U		<3	U		<4.1	U	
		VMP-14-11.5-042312	4/23/2012	0.00076	J		<0.0036	U		<0.0036	U		<0.0036	U		0.0018	J		<0.0042	U	
		VMP-14-11.5-042312-Dup	4/23/2012	<0.0037	U		<0.0036	U		<0.0036	U		<0.0036	U		<0.032	J	U	<0.0042	U	
		VMP-14-11.5-072512	7/25/2012	<1.3	U		<1.3	U		<1.3	U		<1.3	U		<1.1	U		<1.5	U	
		VMP-14-11.5-101012	10/10/2012	<0.0056	U		<0.0055	U		<0.0055	U		<0.0055	U		0.0052	J		<0.0064	U	
		VMP-14-11.5-013113	1/31/2013	<0.0052	U		<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-14-11.5-050113	5/1/2013	<0.006	U		<0.0059	U		<0.0059	U		<0.0059	U		<0.052	J	U	<0.0069	U	
	20 ft	VMP-14-20	11/16/2009	<48	U		<47	U		<47	U		<47	U		<41	U		<55	U	
		VMP 14-20-091010	9/10/2010	<59	U		<58	U		<58	U		<58	U		18	J		<67	U	
		VMP 14-20-091010-Dup	9/10/2010	<61	U		<60	U		<60	U		<60	U		<52	U		<70	U	
		VMP-14-20-120110	12/2/2010	<160	U		<160	U		<160	U		<160	U		160			<180	U	
		VMP-14-20-021811	2/18/2011	<90	U		<88	U		<88	U		<88	U		<77	U		<100	U	
		VMP-14-20-040511	4/5/2011	<38	U		<38	U		<38	U		<38	U		<33	U		<44	U	
		VMP-14-20-080811	8/8/2011	<14	U		<14	U		<14	U		<14	U		<12	U		<16	U	
		VMP-14-20-111511	11/15/2011	<72	U		<70	U		<70	U		<70	U		<62	U		<82	U	
		VMP-14-20-012612	1/26/2012	<7.1	U		<6.9	U		<6.9	U		<6.9	U		1.9	J	J	<8.1	U	
		VMP-14-20-042312	4/23/2012	<3.9	U		<3.8	U		<3.8	U		<3.8	U		<3.3	U		<4.4	U	
		VMP-14-20-072512	7/25/2012	<6.2	U		<6	U		<6	U		<6	U		<5.3	U		<7	U	
		VMP-14-20-101612	10/16/2012	<28	U		<28	U		<28	U		<28	U		2.6	J		<32	U	
		VMP-14-20-013113	1/31/2013	<10	U		<10	U		<10	U		<10	U		7.7	J		<12	U	
		VMP-14-20-050113	5/1/2013	<0.062	U		<0.06	U		<0.06	U		<0.06	U		<0.53	U		<0.07	U	
		VMP-14-20-050113-Dup	5/1/2013	<0.25	U		<0.24	U		<0.24	U		<0.24	U		<2.1	U		<0.28	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene		
				6.2			6.2			2.3						8300					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-14	29.5 ft	VMP-13-29.5	11/17/2009	<140	U		<140	U		<430	U		<220	U		<130	U		<150	U	
		VMP-13-29.5-021811	2/18/2011	<98	U		<98	U		<310	U		<160	U		<94	U		<110	U	
		VMP-13-29.5-040511	4/5/2011	<64	U		<64	U		<200	U		<100	U		20	J		<69	U	
		VMP-13-29.5-013012	1/30/2012	<1.9	U		<1.9	U		<6.2	U		<3.2	U		4.5		J	0.48	J	J
		VMP-13-29.5-042012	4/20/2012	<2.5	U		<2.5	U		<8.1	U		<4.2	U		0.94	J		<2.8	U	
		VMP-13-29.5-071912	7/19/2012	<7.3	U		<7.3	U		<23	U		<12	U		<7	U		<7.9	U	
		VMP-13-29.5-100912	10/9/2012	<6.9	U		<6.9	U		<22	U		15			1.3	J		<7.4	U	
		VMP-13-29.5-013013	1/30/2013	<2.9	U		<2.9	U		<9.2	U		0.85	J		<2.8	U		0.26	J	
		VMP-13-29.5-050113	5/1/2013	<0.19	U		<0.19	U		<0.6	U		0.12	J		0.036	J		<0.2	U	
	5 ft	VMP-14-5	11/20/2009	<0.012	U		<0.012	U		<0.037	U		<0.019	U		<0.011	U		<0.013	U	
		VMP 14-5-091010	9/10/2010	<0.28	U		<0.28	U		<0.89	U		<0.47	U		<0.27	U		<0.3	U	
		VMP-14-5-120110	12/1/2010	<0.0054	U		<0.0054	U		<0.017	U		0.0085	J		<0.0052	U		<0.0059	U	
		VMP-14-5-021711	2/17/2011	<0.006	U		<0.006	U		<0.019	U		0.026	J	J	0.0029	J		<0.0065	U	
		VMP-14-5-040511	4/5/2011	<0.0061	U		<0.0061	U		<0.019	U		0.012			<0.0058	U		<0.0066	U	
		VMP-14-5-080811	8/8/2011	<6.4	U		<6.4	U		<20	U		<10	U		<6.1	U		<6.9	U	
		VMP-14-5-111411	11/14/2011	<0.016	U		<0.016	U		<0.051	U		<0.026	U		<0.015	U		<0.017	U	
		VMP-14-5-042012	4/20/2012	<0.0039	U		0.00099	J		<0.012	U		0.024			0.0019	J		<0.0042	U	
		VMP-14-5-072312	7/23/2012	<0.0047	U		<0.0047	U		<0.015	U		0.3			0.0078			0.0018	J	
		VMP-14-5-101012	10/10/2012	<0.0066	U		<0.0066	U		<0.021	U		0.024			<0.0063	U		<0.0071	U	
		VMP-14-5-013113	1/31/2013	<0.0061	U		<0.0061	U		<0.019	U		0.0018	J		<0.0058	U		<0.0066	U	
		VMP-14-5-050113	5/1/2013	<0.007	U		<0.007	U		<0.022	U		0.014			<0.0067	U		<0.0075	U	
	11.5 ft	VMP-14-11.5	11/16/2009	<1.4	U		<1.4	U		<4.4	U		<2.3	U		<1.3	U		<1.5	U	
		VMP 14-11.5-091010	9/10/2010	<4.3	U		<4.3	U		<14	U		<7.2	U		<4.1	U		<4.7	U	
		VMP-14-11.5-120110	12/2/2010	<0.38	U		<0.38	U		<1.2	U		<0.63	U		<0.36	U		<0.41	U	
		VMP-14-11.5-120110-DUP	12/2/2010	<0.34	U		<0.34	U		<1.1	U		<0.57	U		0.08	J		<0.37	U	
		VMP-14-11.5-021711	2/17/2011	<0.12	U		<0.12	U		<0.4	U		<0.21	U		<0.12	U		<0.14	U	
		VMP-14-11.5-021711-DUP	2/17/2011	<0.12	U		<0.12	U		<0.4	U		<0.21	U		<0.12	U		<0.14	U	
		VMP-14-11.5-040511	4/5/2011	<0.02	U		<0.02	U		<0.065	U		<0.034	U		0.0054	J		<0.022	U	
		VMP-14-11.5-080811	8/8/2011	<0.63	U		<0.63	U		<2	U		<1	U		<0.6	U		<0.68	U	
		VMP-14-11.5-111511	11/15/2011	<0.98	U		<0.98	U		<3.1	U		<1.6	U		<0.94	U		<1.1	U	
		VMP-14-11.5-012612	1/26/2012	<4	U		<4	U		<13	U		<6.6	U		<3.8	U		<4.3	U	
		VMP-14-11.5-042312	4/23/2012	<0.0042	U		<0.0042	U		<0.013	U		0.02		J	0.0025	J		<0.0045	U	
		VMP-14-11.5-042312-Dup	4/23/2012	<0.0042	U		<0.0042	U		<0.013	U		0.0058	J	J	0.0022	J		<0.0045	U	
		VMP-14-11.5-072512	7/25/2012	<1.4	U		<1.4	U		<4.6	U		<2.4	U		<1.4	U		<1.6	U	
		VMP-14-11.5-101012	10/10/2012	<0.0063	U		<0.0063	U		<0.02	U		0.021			<0.006	U		<0.0068	U	
		VMP-14-11.5-013113	1/31/2013	<0.0058	U		<0.0058	U		<0.018	U		0.0014	J		<0.0056	U		<0.0063	J	U
		VMP-14-11.5-050113	5/1/2013	<0.0068	U		<0.0068	U		<0.021	U		0.0062	J		<0.0065	U		<0.0073	U	
	20 ft	VMP-14-20	11/16/2009	<54	U		<54	U		<170	U		<90	U		<52	U		<58	U	
		VMP 14-20-091010	9/10/2010	<66	U		<66	U		<210	U		<110	U		<63	U		<72	U	
		VMP 14-20-091010-Dup	9/10/2010	<68	U		<68	U		<220	U		<110	U		<66	U		<74	U	
		VMP-14-20-120110	12/2/2010	<180	U		<180	U		<560	U		<300	U		<170	U		<190	U	
		VMP-14-20-021811	2/18/2011	<100	U		<100	U		<320	U		<170	U		<96	U		<110	U	
		VMP-14-20-040511	4/5/2011	<43	U		<43	U		<140	U		<72	U		<41	U		<47	U	
		VMP-14-20-080811	8/8/2011	<16	U		<16	U		<50	U		<26	U		<15	U		<17	U	
		VMP-14-20-111511	11/15/2011	<81	U		<81	U		<260	U		<130	U		<77	U		<88	U	
		VMP-14-20-012612	1/26/2012	<7.9	U		<7.9	U		<25	U		<13	U		<7.6	U		<8.6	U	
		VMP-14-20-042312	4/23/2012	<4.3	U		<4.3	U		<14	U		<7.2	U		0.38	J		<4.7	U	
		VMP-14-20-072512	7/25/2012	<6.9	U		<6.9	U		<22	U		<11	U		<6.6	U		<7.5	U	
		VMP-14-20-101612	10/16/2012	<32	U		<32	U		<100	U		<53	U		12	J		<35	U	
		VMP-14-20-013113	1/31/2013	<11	U		<11	U		<36	U		6.7	J		<11	U		<12	U	
		VMP-14-20-050113	5/1/2013	<0.069	U		<0.069	U		<0.22	U		<0.11	U		<0.066	U		<0.075	U	
		VMP-14-20-050113-Dup	5/1/2013	<0.28	U		<0.28	U		<0.88	U		<0.46	U		<0.26	U		<0.3	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-14	29.5 ft	VMP-13-29.5	11/17/2009	<230	U		<210	U		<120	U		<1300	U		<100	U		<490	U	
		VMP-13-29.5-021811	2/18/2011	<160	U		<150	U		<88	U		<920	U		<76	U		<350	U	
		VMP-13-29.5-040511	4/5/2011	<110	U		<98	U		<57	U		<600	U		<49	U		<230	U	
		VMP-13-29.5-013012	1/30/2012	<3.3	U		<3	U		<1.8	U		<18	U		0.4	J	J	<7	U	
		VMP-13-29.5-042012	4/20/2012	<4.3	U		<3.9	U		<2.3	U		<24	U		1.5	J		<9.2	U	
		VMP-13-29.5-071912	7/19/2012	<12	U		<11	U		<6.6	U		<69	U		<5.7	U		<26	U	
		VMP-13-29.5-100912	10/9/2012	<12	U		<10	U		<6.2	U		<65	U		2.8	J		<25	U	
		VMP-13-29.5-013013	1/30/2013	<4.9	U		<4.5	U		<2.6	U		<27	U		0.46	J		<10	U	
		VMP-13-29.5-050113	5/1/2013	<0.32	U		<0.29	U		<0.17	U		<1.8	U		<0.15	U		<0.68	U	
	5 ft	VMP-14-5	11/20/2009	<0.02	U		<0.018	U		<0.01	U		<0.11	U		0.015			<0.042	U	
		VMP 14-5-091010	9/10/2010	<0.48	U		<0.43	U		<0.25	U		<2.6	U		0.55			<1	U	
		VMP-14-5-120110	12/1/2010	<0.0092	U		<0.0084	U		0.0011	J		<0.051	U		0.0017	J		<0.02	U	
		VMP-14-5-021711	2/17/2011	<0.01	U		<0.0092	U		0.059			<0.056	U		0.1			<0.022	U	
		VMP-14-5-040511	4/5/2011	<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0076			<0.022	U	
		VMP-14-5-080811	8/8/2011	<11	U		<9.8	U		10			<60	U		120			<23	U	
		VMP-14-5-111411	11/14/2011	<0.027	U		<0.025	U		<0.014	U		<0.15	U		<0.012	U		<0.058	U	
		VMP-14-5-042012	4/20/2012	<0.0066	U		<0.006	U		0.0054			<0.036	U		0.023			<0.014	U	
		VMP-14-5-072312	7/23/2012	<0.0079	U		<0.0072	U		0.0026	J		<0.044	U		<0.0036	U		0.006	J	
		VMP-14-5-101012	10/10/2012	<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U		<0.024	U	
		VMP-14-5-013113	1/31/2013	<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U		<0.022	U	
		VMP-14-5-050113	5/1/2013	<0.012	U		<0.011	U		0.01			<0.065	U		0.011			<0.025	U	
	11.5 ft	VMP-14-11.5	11/16/2009	<2.4	U		<2.1	U		43			<13	U		380			<5	U	
		VMP 14-11.5-091010	9/10/2010	<7.3	U		<6.7	U		<3.9	U		<41	U		4.6			<16	U	
		VMP-14-11.5-120110	12/2/2010	<0.64	U		<0.59	U		<0.34	U		<3.6	U		0.27	J		<1.4	U	
		VMP-14-11.5-120110-DUP	12/2/2010	<0.58	U		<0.53	U		<0.31	U		<3.2	U		0.32			<1.2	U	
		VMP-14-11.5-021711	2/17/2011	<0.21	U		<0.19	U		<0.11	U		<1.2	U		<0.097	U		<0.45	U	
		VMP-14-11.5-021711-DUP	2/17/2011	<0.21	U		<0.19	U		<0.11	U		<1.2	U		<0.097	U		<0.45	U	
		VMP-14-11.5-040511	4/5/2011	<0.034	U		<0.031	U		<0.018	U		<0.19	U		0.15			<0.073	U	
		VMP-14-11.5-080811	8/8/2011	<1.1	U		<0.97	U		<0.57	U		<5.9	U		1.2			<2.3	U	
		VMP-14-11.5-111511	11/15/2011	<1.6	U		<1.5	U		0.48	J		<9.2	U		7.7			<3.5	U	
		VMP-14-11.5-012612	1/26/2012	<6.7	U		<6.2	U		<3.6	U		<38	U		63			<14	U	
		VMP-14-11.5-042312	4/23/2012	<0.007	U		<0.0064	U		0.0054			<0.039	U		0.027		J	<0.015	U	
		VMP-14-11.5-042312-Dup	4/23/2012	<0.007	U		<0.0064	U		0.0054			<0.039	U		0.016		J	<0.015	U	
		VMP-14-11.5-072512	7/25/2012	<2.5	U		<2.2	U		<1.3	U		<14	U		9.8			<5.3	U	
		VMP-14-11.5-101012	10/10/2012	<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0097			<0.023	U	
		VMP-14-11.5-013113	1/31/2013	<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0014	J		<0.021	U	
		VMP-14-11.5-050113	5/1/2013	<0.011	U		<0.01	U		0.0018	J		<0.064	U		0.0022	J		<0.024	U	
	20 ft	VMP-14-20	11/16/2009	<91	U		<83	U		67			<510	U		350			<190	U	
		VMP 14-20-091010	9/10/2010	<110	U		<100	U		100			<620	U		700			<240	U	
		VMP 14-20-091010-Dup	9/10/2010	<120	U		<100	U		98			<640	U		750			<250	U	
		VMP-14-20-120110	12/2/2010	<300	U		<270	U		130	J		<1700	U		800			<640	U	
		VMP-14-20-021811	2/18/2011	<170	U		<150	U		47	J		<940	U		320			<360	U	
		VMP-14-20-040511	4/5/2011	<73	U		<66	U		51			<400	U		350			<160	U	
		VMP-14-20-080811	8/8/2011	<26	U		<24	U		70			<150	U		590			<56	U	
		VMP-14-20-111511	11/15/2011	<140	U		<120	U		60	J		<760	U		640			<290	U	
		VMP-14-20-012612	1/26/2012	<13	U		<12	U		79		J	<75	U		700		J	<29	U	
		VMP-14-20-042312	4/23/2012	<7.3	U		<6.7	U		77			<41	U		570			<16	U	
		VMP-14-20-072512	7/25/2012	<12	U		<11	U		61			<65	U		480			<25	U	
		VMP-14-20-101612	10/16/2012	<54	U		<49	U		49			<300	U		280			<120	U	
		VMP-14-20-013113	1/31/2013	<19	U		<18	U		48			<110	U		170			<41	U	
		VMP-14-20-050113	5/1/2013	<0.12	U		<0.11	U		<0.062	U		<0.65	U		0.11			<0.25	U	
		VMP-14-20-050113-Dup	5/1/2013	<0.47	U		<0.43	U		<0.25	U		<2.6	U		0.32			<1	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Isopentane			Isopropylbenzene (Cumene) 3500			4-Methyl-2-pentanone (Methyl			Methyl tert-Butyl Ether (MTBE) 23000			2-Propanol			n-Propylbenzene		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-14	29.5 ft	VMP-13-29.5	11/17/2009				<150	U		<120	U		<110	U		<290	U		<150	U	
		VMP-13-29.5-021811	2/18/2011				<110	U		<88	U		<78	U		<210	U		<110	U	
		VMP-13-29.5-040511	4/5/2011	100	J		<69	U		<57	U		<50	U		<140	U		<69	U	
		VMP-13-29.5-013012	1/30/2012	77		J	<2.1	U		<1.8	U		<1.5	U		<4.2	U		<2.1	U	
		VMP-13-29.5-042012	4/20/2012	96			<2.8	U		<2.3	U		<2	U		2.9	J		<2.8	U	
		VMP-13-29.5-071912	7/19/2012	50			<7.9	U		<6.6	U		<5.8	U		<16	U		<7.9	U	
		VMP-13-29.5-100912	10/9/2012	74			<7.4	U		<6.2	U		4.8	J		<15	U		<7.4	U	
		VMP-13-29.5-013013	1/30/2013	1.9	J		<3.1	U		0.63	J		<2.3	U		1.7	J		<3.1	U	
		VMP-13-29.5-050113	5/1/2013	<0.49	U		<0.2	U		<0.17	U		<0.15	U		0.039	J		<0.2	U	
	5 ft	VMP-14-5	11/20/2009				<0.013	U		<0.01	U		<0.009	U		<0.025	U		<0.013	U	
		VMP 14-5-091010	9/10/2010				<0.3	U		<0.25	U		<0.22	U		<0.61	U		<0.3	U	
		VMP-14-5-120110	12/1/2010				<0.0059	U		<0.0049	U		0.00061	J		0.15			<0.0059	U	
		VMP-14-5-021711	2/17/2011				<0.0065	J	U	<0.0054	U		<0.0048	U		0.0053	J		<0.0065	J	U
		VMP-14-5-040511	4/5/2011	1.7	E	J	<0.0066	U		<0.0055	U		0.00051	J		0.004	J		<0.0066	U	
		VMP-14-5-080811	8/8/2011	4700			<6.9	U		<5.8	U		<5.1	U		<14	U		<6.9	U	
		VMP-14-5-111411	11/14/2011	0.0097	J		0.0022	J		0.019			<0.013	U		0.0088	J		<0.017	U	
		VMP-14-5-042012	4/20/2012	0.063			0.013			0.096			<0.0031	U		0.017			<0.0042	U	
		VMP-14-5-072312	7/23/2012	<0.012	U		0.075			0.47			<0.0037	U		0.11			0.00095	J	
		VMP-14-5-101012	10/10/2012	<0.017	U		0.0061	J		0.037			<0.0052	U		0.0089	J		<0.0071	U	
		VMP-14-5-013113	1/31/2013	0.0017	J		<0.0066	J	U	<0.0055	U		<0.0048	U		0.0022	J		<0.0066	J	U
		VMP-14-5-050113	5/1/2013	0.034			<0.0075	J	U	0.004	J		<0.0055	U		<0.015	U		<0.0075	J	U
	11.5 ft	VMP-14-11.5	11/16/2009				<1.5	U		<1.2	U		<1.1	U		<3	U		<1.5	U	
		VMP 14-11.5-091010	9/10/2010				0.97	J		<3.9	U		<3.4	U		<9.4	U		<4.7	U	
		VMP-14-11.5-120110	12/2/2010				<0.41	U		<0.34	U		<0.3	U		0.39	J		<0.41	U	
		VMP-14-11.5-120110-DUP	12/2/2010				<0.37	U		<0.31	U		<0.27	U		0.42	J		<0.37	U	
		VMP-14-11.5-021711	2/17/2011				<0.14	U		<0.11	U		<0.1	U		<0.27	U		<0.14	U	
		VMP-14-11.5-021711-DUP	2/17/2011				<0.14	U		<0.11	U		<0.1	U		<0.27	U		<0.14	U	
		VMP-14-11.5-040511	4/5/2011	43	E	J	<0.022	U		<0.018	U		<0.016	U		<0.044	U		0.02	J	
		VMP-14-11.5-080811	8/8/2011	490			<0.68	U		<0.57	U		<0.5	U		<1.4	U		<0.68	U	
		VMP-14-11.5-111511	11/15/2011	1000			<1.1	U		<0.88	U		<0.78	U		0.42	J		<1.1	U	
		VMP-14-11.5-012612	1/26/2012	2400			<4.3	U		<3.6	U		<3.2	U		<8.6	U		<4.3	U	
		VMP-14-11.5-042312	4/23/2012	0.071			0.008			0.054			<0.0033	U		0.024			<0.0045	U	
		VMP-14-11.5-042312-Dup	4/23/2012	0.074			0.0059			0.045			<0.0033	U		0.0073	J		<0.0045	U	
		VMP-14-11.5-072512	7/25/2012	830			<1.6	U		<1.3	U		<1.2	U		<3.2	U		<1.6	U	
		VMP-14-11.5-101012	10/10/2012	0.094			<0.0068	U		<0.0056	U		<0.005	U		0.012	J		<0.0068	U	
		VMP-14-11.5-013113	1/31/2013	0.0029	J		<0.0063	U		<0.0053	U		<0.0046	U		0.0018	J		<0.0063	J	U
		VMP-14-11.5-050113	5/1/2013	<0.018	U		<0.0073	U		<0.0061	U		<0.0054	U		<0.015	U		<0.0073	U	
	20 ft	VMP-14-20	11/16/2009				<58	U		<49	U		<43	U		<120	U		<58	U	
		VMP 14-20-091010	9/10/2010				6.4	J		<60	U		<52	U		<140	U		<72	U	
		VMP 14-20-091010-Dup	9/10/2010				<74	U		<62	U		<54	U		<150	U		<74	U	
		VMP-14-20-120110	12/2/2010				<190	U		<160	U		<140	U		<380	U		<190	U	
		VMP-14-20-021811	2/18/2011				<110	U		<91	U		<80	U		<220	U		<110	U	
		VMP-14-20-040511	4/5/2011	3200			<47	U		<39	U		<34	U		<93	U		<47	U	
		VMP-14-20-080811	8/8/2011	6100			<17	U		<14	U		<12	U		<34	U		<17	U	
		VMP-14-20-111511	11/15/2011	6600			<88	U		<73	U		<64	U		<170	U		<88	U	
		VMP-14-20-012612	1/26/2012	6600			<8.6	U		<7.2	U		<6.3	U		1.2	J	J	<8.6	U	
		VMP-14-20-042312	4/23/2012	4900			0.67	J		<3.9	U		<3.4	U		<9.4	U		<4.7	U	
		VMP-14-20-072512	7/25/2012	4700			<7.5	U		<6.2	U		<5.5	U		<15	U		<7.5	U	
		VMP-14-20-101612	10/16/2012	3300			<35	U		<29	U		<25	U		<69	U		<35	U	
		VMP-14-20-013113	1/31/2013	1500			<12	U		5.3	J		<9.1	U		8.2	J		<12	U	
		VMP-14-20-050113	5/1/2013	13		J	<0.075	U		<0.062	U		<0.055	U		<0.15	U		<0.075	U	
		VMP-14-20-050113-Dup	5/1/2013	37		J	<0.3	U		<0.25	U		<0.22	U		<0.6	U		<0.3	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
				8500						4						40000			50		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-14	29.5 ft	VMP-13-29.5	11/17/2009	<130	U		<200	U		<200	U		<88	U		120			<880	U	UJ
		VMP-13-29.5-021811	2/18/2011	<92	U		<150	U		<150	U		<64	U		16	J		<640	U	
		VMP-13-29.5-040511	4/5/2011	<60	U		<96	U		<95	U		<41	U		19	J		<420	U	
		VMP-13-29.5-013012	1/30/2012	<1.8	U		<2.9	U		<2.9	U		<1.3	U		11		J	<13	U	
		VMP-13-29.5-042012	4/20/2012	0.51	J		<3.8	U		<3.8	U		<1.6	U		1.3	J		<17	U	
		VMP-13-29.5-071912	7/19/2012	<6.8	U		<11	U		<11	U		<4.7	U		<6.1	U		<48	U	
		VMP-13-29.5-100912	10/9/2012	<6.4	U		<10	U		2	J		<4.5	U		1.4	J		<45	U	
		VMP-13-29.5-013013	1/30/2013	<2.7	U		<4.4	U		<4.3	U		<1.9	U		0.65	J		1.6	J	
		VMP-13-29.5-050113	5/1/2013	0.032	J		<0.29	U		<0.28	U		<0.12	U		0.052	J		0.1	J	
	5 ft	VMP-14-5	11/20/2009	<0.011	U		<0.018	U		<0.018	U		<0.007	U		<0.009	U		<0.076	U	
		VMP 14-5-091010	9/10/2010	<0.26	U		<0.42	U		<0.42	U		<0.18	U		<0.23	U		<1.8	U	
		VMP-14-5-120110	12/1/2010	<0.0051	U		<0.0082	U		<0.0081	U		0.0025	J		<0.0045	U		<0.036	U	
		VMP-14-5-021711	2/17/2011	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	J	U	<0.039	U	
		VMP-14-5-040511	4/5/2011	<0.0057	U		<0.0092	U		<0.0091	J	U	<0.004	U		0.0032	J		<0.04	J	U
		VMP-14-5-080811	8/8/2011	<6	U		<9.6	U		<9.5	U		<4.1	U		<5.3	U		<42	U	
		VMP-14-5-111411	11/14/2011	<0.015	U		<0.024	U		<0.024	U		<0.01	U		0.02			<0.1	U	
		VMP-14-5-042012	4/20/2012	<0.0036	U		<0.0059	U		0.0025	J		0.0037			0.012			<0.025	U	
		VMP-14-5-072312	7/23/2012	0.0034	J		<0.0071	U		0.002	J		0.0015	J		0.12			<0.03	U	
		VMP-14-5-101012	10/10/2012	<0.0062	U		<0.0099	U		0.004	J		<0.0043	U		0.0078			<0.043	U	
		VMP-14-5-013113	1/31/2013	<0.0057	U		<0.0092	U		<0.0091	J	U	<0.004	U		<0.0051	J	U	<0.04	J	U
		VMP-14-5-050113	5/1/2013	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.0019	J		<0.046	U	
	11.5 ft	VMP-14-11.5	11/16/2009	<1.3	U		<2.1	U		<2.1	U		<0.91	U		<1.2	U		<9.1	UJ	UJ
		VMP 14-11.5-091010	9/10/2010	<4.1	U		<6.6	U		<6.5	U		<2.8	U		<3.6	U		<28	U	
		VMP-14-11.5-120110	12/2/2010	<0.36	U		<0.58	U		<0.57	U		<0.25	U		<0.32	U		<2.5	U	
		VMP-14-11.5-120110-DUP	12/2/2010	<0.32	U		<0.52	U		<0.52	U		<0.22	U		0.15	J		<2.2	U	
		VMP-14-11.5-021711	2/17/2011	<0.12	U		<0.19	U		<0.19	U		<0.081	U		<0.1	U		<0.82	U	
		VMP-14-11.5-021711-DUP	2/17/2011	<0.12	U		<0.19	U		<0.19	U		<0.081	U		<0.1	U		<0.82	U	
		VMP-14-11.5-040511	4/5/2011	<0.019	U		<0.031	U		<0.03	U		<0.013	U		0.035			<0.13	U	
		VMP-14-11.5-080811	8/8/2011	<0.59	U		<0.95	U		<0.94	U		<0.41	U		<0.52	U		<4.1	U	
		VMP-14-11.5-111511	11/15/2011	<0.92	U		<1.5	U		<1.5	U		<0.64	U		1.9			<6.4	U	
		VMP-14-11.5-012612	1/26/2012	<3.7	U		<6	U		<6	U		<2.6	U		<3.3	U		<26	U	
		VMP-14-11.5-042312	4/23/2012	<0.0039	U		<0.0063	U		0.0014	J		<0.0027	U		0.015		J	<0.027	U	
		VMP-14-11.5-042312-Dup	4/23/2012	<0.0039	U		<0.0063	U		<0.0062	U		<0.0027	U		0.0058		J	<0.027	U	
		VMP-14-11.5-072512	7/25/2012	<1.4	U		<2.2	U		<2.2	U		<0.95	U		<1.2	U		<9.5	U	
		VMP-14-11.5-101012	10/10/2012	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0027	J		<0.041	U	
		VMP-14-11.5-013113	1/31/2013	<0.0055	U		<0.0088	U		<0.0088	J	U	<0.0038	U		<0.0049	J	U	0.008	J	
		VMP-14-11.5-050113	5/1/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0015	J		<0.044	U	
	20 ft	VMP-14-20	11/16/2009	<51	U		<82	U		<81	U		<35	U		<45	U		<350	UJ	UJ
		VMP 14-20-091010	9/10/2010	<62	U		<100	U		<99	U		<43	U		<55	U		<430	U	
		VMP 14-20-091010-Dup	9/10/2010	<64	U		<100	U		<100	U		<44	U		<57	U		<450	U	
		VMP-14-20-120110	12/2/2010	<170	U		<270	U		<260	U		<120	U		<150	U		<1200	U	
		VMP-14-20-021811	2/18/2011	<94	U		<150	U		<150	U		<65	U		<83	U		<660	U	
		VMP-14-20-040511	4/5/2011	<40	U		<65	U		<64	U		<28	U		<36	U		<280	U	
		VMP-14-20-080811	8/8/2011	<15	U		<24	U		<23	U		<10	U		<13	U		<100	U	
		VMP-14-20-111511	11/15/2011	<76	U		<120	U		<120	U		<52	U		34	J		<530	U	
		VMP-14-20-012612	1/26/2012	<7.4	U		<12	U		<12	U		<5.2	U		2.2	J	J	<52	U	
		VMP-14-20-042312	4/23/2012	<4.1	U		<6.6	U		<6.5	U		<2.8	U		1.8	J		<28	U	
		VMP-14-20-072512	7/25/2012	<6.5	U		<10	U		<10	U		<4.5	U		<5.7	U		<45	U	
		VMP-14-20-101612	10/16/2012	<30	U		<48	U		<48	U		<21	U		8.7	J		<210	U	
		VMP-14-20-013113	1/31/2013	2.6	J		<17	U		<17	U		<7.4	U		4.1	J		9.3	J	
		VMP-14-20-050113	5/1/2013	<0.065	U		<0.1	U		<0.1	U		<0.045	U		<0.057	U		<0.45	U	
		VMP-14-20-050113-Dup	5/1/2013	<0.26	U		<0.42	U		<0.41	U		<0.18	U		<0.23	U		<1.8	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl			1,1,2-Trichloroethane			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene		
				41000			170000			12			5600								
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-14	29.5 ft	VMP-13-29.5	11/17/2009	<160	U		<160	U		<160	U		<170	U		<150	U		<150	U	
		VMP-13-29.5-021811	2/18/2011	<120	U		<120	U		<120	U		<120	U		<110	U		<110	U	
		VMP-13-29.5-040511	4/5/2011	<76	U		<76	U		<75	U		<79	U		<69	U		<69	U	
		VMP-13-29.5-013012	1/30/2012	<2.3	U		<2.3	U		<2.3	U		<2.4	U		0.3	J	J	<2.1	U	
		VMP-13-29.5-042012	4/20/2012	<3	U		<3	U		<3	U		<3.1	U		<2.8	U		<2.8	U	
		VMP-13-29.5-071912	7/19/2012	<8.8	U		<8.8	U		<8.6	U		<9	U		<7.9	U		<7.9	U	
		VMP-13-29.5-100912	10/9/2012	<8.3	U		<8.3	U		1.5	J		<8.5	U		<7.4	U	UJ	<7.4	U	
		VMP-13-29.5-013013	1/30/2013	<3.5	U		<3.5	U		<3.4	U		<3.6	U		<3.1	U		<3.1	U	
		VMP-13-29.5-050113	5/1/2013	<0.23	U		<0.23	U		<0.22	U		<0.24	U		<0.2	U		<0.2	U	
	5 ft	VMP-14-5	11/20/2009	<0.014	U		<0.014	U		<0.014	U		<0.014	U		<0.013	U		<0.013	U	
		VMP 14-5-091010	9/10/2010	<0.34	U		<0.34	U		<0.33	U		<0.35	U		<0.3	U		<0.3	U	
		VMP-14-5-120110	12/1/2010	<0.0065	U		<0.0065	U		0.0016	J		0.0008	J		<0.0059	U		<0.0059	U	
		VMP-14-5-021711	2/17/2011	<0.0072	U		<0.0072	U		<0.0071	U		<0.0074	U		<0.0065	J	U	<0.0065	U	
		VMP-14-5-040511	4/5/2011	<0.0073	U		<0.0073	U		<0.0072	J	U	0.0018	J		<0.0066	U		<0.0066	U	
		VMP-14-5-080811	8/8/2011	<7.7	U		<7.7	U		<7.6	U		<7.9	U		<6.9	U		<6.9	U	
		VMP-14-5-111411	11/14/2011	<0.019	U		<0.019	U		<0.019	U		<0.02	U		<0.017	U		<0.017	U	
		VMP-14-5-042012	4/20/2012	<0.0047	U		<0.0047	U		<0.0046	U		0.00086	J		0.00076	J		<0.0042	U	
		VMP-14-5-072312	7/23/2012	<0.0056	U		<0.0056	U		<0.0055	U		0.0011	J		0.0076			0.0017	J	
		VMP-14-5-101012	10/10/2012	<0.0079	U		<0.0079	U		<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U	
		VMP-14-5-013113	1/31/2013	<0.0073	U		<0.0073	U		<0.0072	U		0.0012	J		<0.0066	U		<0.0066	U	
		VMP-14-5-050113	5/1/2013	<0.0084	U		<0.0084	U		<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U	
	11.5 ft	VMP-14-11.5	11/16/2009	<1.7	U		<1.7	U		<1.6	U		<1.7	U		<1.5	U		<1.5	U	
		VMP 14-11.5-091010	9/10/2010	<5.2	U		<5.2	U		<5.1	U		<5.4	U		<4.7	U		<4.7	U	
		VMP-14-11.5-120110	12/2/2010	<0.46	U		<0.46	U		<0.45	U		<0.47	U		<0.41	U		<0.41	U	
		VMP-14-11.5-120110-DUP	12/2/2010	<0.41	U		<0.41	U		<0.41	U		<0.43	U		<0.37	U		<0.37	U	
		VMP-14-11.5-021711	2/17/2011	<0.15	U		<0.15	U		<0.15	U		<0.16	U		<0.14	U		<0.14	U	
		VMP-14-11.5-021711-DUP	2/17/2011	<0.15	U		<0.15	U		<0.15	U		<0.16	U		<0.14	U		<0.14	U	
		VMP-14-11.5-040511	4/5/2011	<0.024	U		<0.024	U		<0.024	U		<0.025	U		0.0036	J		<0.022	U	
		VMP-14-11.5-080811	8/8/2011	<0.76	U		<0.76	U		<0.75	U		<0.78	U		<0.68	U		<0.68	U	
		VMP-14-11.5-111511	11/15/2011	<1.2	U		<1.2	U		<1.2	U		<1.2	U		<1.1	U		<1.1	U	
		VMP-14-11.5-012612	1/26/2012	<4.8	U		<4.8	U		<4.7	U		<4.9	U		<17	U		<4.3	U	
		VMP-14-11.5-042312	4/23/2012	<0.005	U		<0.005	U		<0.0049	U		<0.0051	U		0.00086	J		<0.0045	U	
		VMP-14-11.5-042312-Dup	4/23/2012	<0.005	U		<0.005	U		<0.0049	U		<0.0051	U		<0.0045	U		<0.0045	U	
		VMP-14-11.5-072512	7/25/2012	<1.8	U		<1.8	U		<1.7	U		<1.8	U		<1.6	U		<1.6	U	
		VMP-14-11.5-101012	10/10/2012	<0.0075	U		<0.0075	U		<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U	
		VMP-14-11.5-013113	1/31/2013	<0.007	U		<0.007	U		<0.0069	U		0.0016	J		<0.0063	U		<0.0063	U	
		VMP-14-11.5-050113	5/1/2013	<0.0081	U		<0.0081	U		<0.008	U		<0.0084	U		<0.0073	U		<0.0073	U	
	20 ft	VMP-14-20	11/16/2009	<65	U		<65	U		<64	U		<67	U		<58	U		<58	U	
		VMP 14-20-091010	9/10/2010	<79	U		<79	U		<78	U		<82	U		<72	U		<72	U	
		VMP 14-20-091010-Dup	9/10/2010	<82	U		<82	U		<81	U		<85	U		<74	U		<74	U	
		VMP-14-20-120110	12/2/2010	<210	U		<210	U		<210	U		<220	U		<190	U		<190	U	
		VMP-14-20-021811	2/18/2011	<120	U		<120	U		<120	U		<120	U		<110	U		<110	U	
		VMP-14-20-040511	4/5/2011	<52	U		<52	U		<51	U		<53	U		<47	U		<47	U	
		VMP-14-20-080811	8/8/2011	<19	U		<19	U		<18	U		<19	U		<17	U		<17	U	
		VMP-14-20-111511	11/15/2011	<97	U		<97	U		<96	U		<100	U		<88	U		<88	U	
		VMP-14-20-012612	1/26/2012	<9.5	U		<9.5	U		<9.4	U		<9.8	U		<34	U		<8.6	U	
		VMP-14-20-042312	4/23/2012	<5.2	U		<5.2	U		<5.1	U		<5.4	U		<4.7	U		<4.7	U	
		VMP-14-20-072512	7/25/2012	<8.3	U		<8.3	U		<8.2	U		<8.6	U		<7.5	U		<7.5	U	
		VMP-14-20-101612	10/16/2012	<38	U		<38	U		<38	U		<40	U		<35	U		<35	U	
		VMP-14-20-013113	1/31/2013	<14	U		<14	U		<14	U		<14	U		<12	U		<12	U	
		VMP-14-20-050113	5/1/2013	<0.083	U		<0.083	U		<0.082	U		<0.085	U		<0.075	U		<0.075	U	
		VMP-14-20-050113-Dup	5/1/2013	<0.33	U		<0.33	U		<0.33	U		<0.34	U		<0.3	U		<0.3	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylene			o-Xylenes		
							4.8			820			790		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-14	29.5 ft	VMP-13-29.5	11/17/2009	<140	U		<76	U		<130	U		<130	U	
		VMP-13-29.5-021811	2/18/2011	<100	U		<55	U		<94	U		<94	U	
		VMP-13-29.5-040511	4/5/2011	41	J		<36	U		23	J		<61	U	
		VMP-13-29.5-013012	1/30/2012	39		J	<1.1	U		7.8		J	2.1		J
		VMP-13-29.5-042012	4/20/2012	17			<1.4	U		1	J		<2.4	U	
		VMP-13-29.5-071912	7/19/2012	<7.5	U		<4.1	U		<7	U		<7	U	
		VMP-13-29.5-100912	10/9/2012	4.5	J		<3.9	U		0.67	J		<6.6	U	
		VMP-13-29.5-013013	1/30/2013	<3	U		<1.6	U		<2.8	U		<2.8	U	
		VMP-13-29.5-050113	5/1/2013	<0.2	U		<0.11	U		<0.18	U		0.058	J	
	5 ft	VMP-14-5	11/20/2009	0.88			<0.006	U		<0.011	U		<0.011	U	
		VMP 14-5-091010	9/10/2010	19			<0.16	U		<0.27	U		<0.27	U	
		VMP-14-5-120110	12/1/2010	0.014			<0.0031	U		0.0005	J		<0.0052	U	
		VMP-14-5-021711	2/17/2011	0.62			<0.0034	U		<0.0057	J	U	<0.0057	U	
		VMP-14-5-040511	4/5/2011	0.0042	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-14-5-080811	8/8/2011	120			<3.6	U		<6.1	U		<6.1	U	
		VMP-14-5-111411	11/14/2011	0.012	J		<0.009	U		<0.015	U		<0.015	U	
		VMP-14-5-042012	4/20/2012	0.077			<0.0022	U		0.0043			0.0014	J	
		VMP-14-5-072312	7/23/2012	0.0032	J		<0.0026	U		0.025			0.0072		
		VMP-14-5-101012	10/10/2012	0.018			<0.0037	U		<0.0063	J	U	<0.0063	U	
		VMP-14-5-013113	1/31/2013	0.0024	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-14-5-050113	5/1/2013	0.11			<0.0039	U		<0.0067	U		<0.0067	U	
	11.5 ft	VMP-14-11.5	11/16/2009	200			<0.79	U		<1.3	U		<1.3	U	
		VMP 14-11.5-091010	9/10/2010	230			<2.4	U		<4.1	U		<4.1	U	
		VMP-14-11.5-120110	12/2/2010	36			<0.21	U		0.094	J		<0.36	U	
		VMP-14-11.5-120110-DUP	12/2/2010	36			<0.19	U		0.14	J		<0.33	U	
		VMP-14-11.5-021711	2/17/2011	17			<0.07	U		<0.12	U		<0.12	U	
		VMP-14-11.5-021711-DUP	2/17/2011	19			<0.07	U		<0.12	U		<0.12	U	
		VMP-14-11.5-040511	4/5/2011	21			<0.011	U		0.0041	J		<0.019	U	
		VMP-14-11.5-080811	8/8/2011	20			<0.36	U		<0.6	U		<0.6	U	
		VMP-14-11.5-111511	11/15/2011	25			<0.55	U		<0.94	U		<0.94	U	
		VMP-14-11.5-012612	1/26/2012	86			<2.2	U		<3.8	U		<3.8	U	
		VMP-14-11.5-042312	4/23/2012	0.028			<0.0023	U		0.0063			0.0017	J	
		VMP-14-11.5-042312-Dup	4/23/2012	0.032			<0.0023	U		0.0046			0.0012	J	
		VMP-14-11.5-072512	7/25/2012	8.3			<0.82	U		<1.4	U		<1.4	U	
		VMP-14-11.5-101012	10/10/2012	0.014			<0.0035	U		<0.006	U		<0.006	U	
		VMP-14-11.5-013113	1/31/2013	0.0047	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-14-11.5-050113	5/1/2013	0.0019	J		<0.0038	U		<0.0065	U		<0.0065	U	
	20 ft	VMP-14-20	11/16/2009	160			<30	U		<52	U		<52	U	
		VMP 14-20-091010	9/10/2010	250			<37	U		<63	U		<63	U	
		VMP 14-20-091010-Dup	9/10/2010	240			<38	U		<66	U		<66	U	
		VMP-14-20-120110	12/2/2010	320			<100	U		<170	U		<170	U	
		VMP-14-20-021811	2/18/2011	220			<57	U		<96	U		<96	U	
		VMP-14-20-040511	4/5/2011	150			<24	U		<41	U		<41	U	
		VMP-14-20-080811	8/8/2011	220			<8.8	U		<15	U		<15	U	
		VMP-14-20-111511	11/15/2011	250			<46	U		<77	U		<77	U	
		VMP-14-20-012612	1/26/2012	280		J	<4.5	U		<7.6	U		<7.6	U	
		VMP-14-20-042312	4/23/2012	240			<2.4	U		<4.1	U		<4.1	U	
		VMP-14-20-072512	7/25/2012	190			<3.9	U		<6.6	U		<6.6	U	
		VMP-14-20-101612	10/16/2012	150			<18	U		29	J		4.6	J	
		VMP-14-20-013113	1/31/2013	140			<6.4	U		<11	U		<11	U	
		VMP-14-20-050113	5/1/2013	1.5		J	<0.039	U		<0.066	U		<0.066	U	
		VMP-14-20-050113-Dup	5/1/2013	4.3		J	<0.16	U		<0.26	U		<0.26	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Acetone			alpha-Chlorotoluene			Benzene			Bromodichloromethane			Bromoform		
				750000						2.8			450000			52		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-15	29 ft	VMP-14-29	11/16/2009	<440	U		<240	U		79000			<310	U		<480	U	
		VMP-14-29-021811	2/18/2011	240	J		<170	U		40000			<220	U		<330	U	
		VMP-14-29-040511	4/5/2011	<260	U		<140	U		51000			<180	U		<280	U	
		VMP-14-29-012612	1/26/2012	<300	U		<650	U		26000			<210	U		<1300	U	
		VMP-14-29-042312	4/23/2012	<110	U		<230	U		22000			<75	U		<120	U	
		VMP-14-29-072512	7/25/2012	<110	U		<61	U		21000			<79	U		<120	U	
		VMP-14-29-101612	10/16/2012	<170	U		<91	U		9400			<120	U		<180	U	
		VMP-14-29-013113-DUP	1/31/2013	<560	U	UJ	<120	U		13000		J	<160	U		<240	U	
		VMP-14-29-013113	1/31/2013	30	J	J	<51	U		54000		J	<66	U		<100	U	
		VMP-14-29-050213	5/2/2013	<240	U		<52	U		30000			<67	U		<100	U	
	5 ft	VMP-15-5	11/18/2009	<0.012	U		<0.006	U		0.55		J	<0.008	U		<0.013	U	
		VMP-15-5-D	11/18/2009	<0.012	U		<0.006	U		0.26		J	<0.008	U		<0.013	U	
		VMP 15-5-091410	9/14/2010	0.015			<0.0065	U		0.61			<0.0084	U		<0.013	U	
		VMP-15-5-113010	11/30/2010	<0.28	U		<0.15	U		<0.096	U		<0.2	U		<0.31	U	
		VMP-15-5-021611	2/16/2011	0.33			<0.14	U		2			<0.19	U		<0.29	U	
		VMP-15-5-042011	4/20/2011	0.083	J		<0.34	U		1.4			<0.44	U		<0.68	U	
		VMP-15-5-080811	8/8/2011	0.088			<0.0077	J	U	0.14			<0.01	U		<0.015	J	U
		VMP-15-5-111511	11/15/2011	<0.016	U		<0.0086	U		2.1			<0.011	U		<0.017	U	
		VMP-15-5-020112	2/1/2012	0.012	J		<0.18	U		<0.027	U		<0.057	U		<0.35	U	
		VMP-15-5-042412	4/24/2012	0.026	J		<0.18	U		0.063			<0.059	U		<0.09	U	
		VMP-15-5-072512	7/25/2012	0.064			<0.0051	U		0.005			<0.0066	U		<0.01	U	
		VMP-15-5-102512	10/25/2012	0.026	J		0.0013	J		0.013			<0.01	U		<0.015	U	
		VMP-15-5-020513	2/5/2013	0.006	J		<0.0075	U		0.004	J		<0.0097	U		<0.015	U	
		VMP-15-5-050913	5/9/2013	0.031	J		<0.0082	U		0.0044	J		<0.01	U		<0.016	U	
	21.5 ft	VMP-15-21.5	11/18/2009	<5.4	U		<3	U		11			<3.8	U		<5.9	U	
		VMP 15-21.5-091410	9/14/2010	<1.3	U		<0.71	U		0.61			<0.92	U		<1.4	U	
		VMP-15-21.5-113010	11/30/2010	<1.5	U		<0.83	U		<0.51	U		<1.1	U		<1.6	U	
		VMP-15-21.5-021611	2/16/2011	<1.1	U		<0.58	U		2.2			<0.75	U		<1.2	U	
		VMP-15-21.5-042011	4/20/2011	<1.7	U		<0.91	U		1.4			<1.2	U		<1.8	U	
		VMP-15-21.5-080811	8/8/2011	0.37	J		<0.73	U		0.8			<0.94	U		<1.4	U	
		VMP-15-21.5-111511	11/15/2011	<1.1	U		<0.58	U		0.18	J		<0.75	U		<1.2	U	
		VMP-15-21.5-020112	2/1/2012	<0.8	U		<1.7	U		0.16	J	J	<0.56	U		<3.5	U	
		VMP-15-21.5-042412	4/24/2012	<0.35	U		<0.76	U		0.91			<0.24	U		<0.38	U	
		VMP-15-21.5-072512	7/25/2012	0.19	J		<0.68	U		0.25	J		<0.89	U		<1.4	U	
		VMP-15-21.5-102512	10/25/2012	<2	U		<1.1	U		0.24	J		<1.4	U		<2.2	U	
		VMP-15-21.5-102512-Dup	10/25/2012	<2.1	U		<1.2	U		0.24	J		<1.5	U		<2.3	U	
		VMP-15-21.5-020713	2/7/2013	0.034	J		<0.028	U		0.0077	J		<0.037	U		<0.057	U	
		VMP-15-21.5-051513	5/15/2013	<1.2	U		<0.64	U		0.22	J		<0.83	U		<1.3	U	
	25.5 ft	VMP-15-25.5	11/18/2009	<5.6	U		<3.1	U		18			<4	U		<6.2	U	
		VMP 15-25.5-091410	9/14/2010	0.013			<0.0067	U		0.3			<0.0086	U		<0.013	U	
		VMP-15-25.5-021611	2/16/2011	<0.16	U		<0.089	U		0.36			<0.12	U		<0.18	U	
		VMP-15-25.5-042011	4/20/2011	<0.13	U		<0.073	U		1.6			<0.094	U		<0.14	U	
		VMP-15-25.5-042011-DUP	4/20/2011	<0.12	U		<0.068	U		1.4			<0.088	U		<0.14	U	
		VMP-15-25.5-080811	8/8/2011	0.054	J		<0.073	U		0.13			<0.094	U		<0.14	U	
		VMP-15-25.5-111511	11/15/2011	<0.041	U		<0.022	U		3.4			0.12			<0.045	U	
		VMP-15-25.5-073112	7/31/2012	0.091			<0.047	U		0.024	J		<0.061	U		<0.094	U	
		VMP-15-25.5-102512	10/25/2012	<0.035	U		<0.0077	U		0.034			<0.01	U		<0.015	U	
		VMP-15-25.5-021213	2/12/2013	<0.43	U		<0.23	U		<0.14	U		<0.3	U		<0.46	U	
		VMP-15-25.5-050913	5/9/2013	55		J	<3.1	U		<1.9	U		<4	U		<6.2	U	

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CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Bromomethane			1,3-Butadiene			Butane			2-Butanone			Carbon disulfide			Carbon tetrachloride		
				42									40000			5300			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-15	29 ft	VMP-14-29	11/16/2009	<180	U		<100	U					<140	U		<140	U		<290	U	
		VMP-14-29-021811	2/18/2011	<120	U		<71	U					<95	U		<100	U		<200	U	
		VMP-14-29-040511	4/5/2011	<110	U		<61	U		4900			<320	U		<86	U		<170	U	
		VMP-14-29-012612	1/26/2012	<120	U		<69	U		4000			<370	U		<98	U		<200	U	
		VMP-14-29-042312	4/23/2012	<43	U		<25	U		2800			<130	U		<35	U		<70	U	
		VMP-14-29-072512	7/25/2012	<46	U		<26	U		2900			<140	U		<36	U		<74	U	
		VMP-14-29-101612	10/16/2012	<68	U		<39	U		1600			<210	U		<55	U		<110	U	
		VMP-14-29-013113-DUP	1/31/2013	<920	U		<52	U		380		J	<280	U		36	J		<150	U	
		VMP-14-29-013113	1/31/2013	<380	U		<22	U		2100		J	<120	U		13	J		<62	U	
		VMP-14-29-050213	5/2/2013	<390	U		<22	U		2000			<120	U		<120	U		<63	U	
	5 ft	VMP-15-5	11/18/2009	<0.004	U		<0.002	U					<0.003	U		<0.003	U		<0.008	U	
		VMP-15-5-D	11/18/2009	<0.004	U		<0.002	U					<0.003	U		0.0063			<0.008	U	
		VMP 15-5-091410	9/14/2010	<0.0049	J	U	<0.0028	U					0.001	J		<0.0039	J	U	<0.0079	U	
		VMP-15-5-113010	11/30/2010	<0.12	U		<0.066	U					<0.088	U		<0.093	U		<0.19	U	
		VMP-15-5-021611	2/16/2011	<0.11	U		<0.062	U					0.08	J		0.11			<0.18	U	
		VMP-15-5-042011	4/20/2011	<0.26	U		<0.15	U		6.3			<0.78	U		<0.2	U		<0.42	U	
		VMP-15-5-080811	8/8/2011	<0.0058	U		<0.0033	U		0.0059	J		0.016	J		0.0042	J		<0.0093	U	
		VMP-15-5-111511	11/15/2011	<0.0064	U		<0.0037	U		0.12			0.0034	J		<0.021	U		<0.01	U	
		VMP-15-5-020112	2/1/2012	<0.033	U		<0.019	U		<0.081	U		0.0093	J		<0.027	U		<0.054	U	
		VMP-15-5-042412	4/24/2012	<0.034	U		<0.019	U		<0.083	U		<0.1	U		<0.027	U		<0.055	U	
		VMP-15-5-072512	7/25/2012	0.002	J	J	<0.0022	U		<0.0094	U		0.013			0.018		J	0.0014	J	
		VMP-15-5-102512	10/25/2012	<0.058	U		<0.0033	U		0.18			0.015	J		<0.018	J	U	<0.0093	U	
		VMP-15-5-020513	2/5/2013	<0.056	U		<0.0032	U		<0.014	U		<0.017	U		<0.018	J	U	<0.0091	U	
		VMP-15-5-050913	5/9/2013	<0.061	U		<0.0035	U		<0.015	U		<0.019	U		<0.02	U		<0.0099	U	
	21.5 ft	VMP-15-21.5	11/18/2009	<2.2	U		<1.3	U					<1.7	U		<1.8	U		<3.6	U	
		VMP 15-21.5-091410	9/14/2010	<0.53	U		<0.3	U					<0.4	U		<0.43	U		<0.86	U	
		VMP-15-21.5-113010	11/30/2010	<0.62	U		<0.36	U					<0.47	U		<0.5	U		<1	U	
		VMP-15-21.5-021611	2/16/2011	<0.43	U		<0.25	U					<0.33	U		<0.35	U		<0.7	U	
		VMP-15-21.5-042011	4/20/2011	<0.68	U		<0.39	U		25			<2.1	U		<0.55	U		<1.1	U	
		VMP-15-21.5-080811	8/8/2011	<0.55	U		<0.31	U		35			<1.7	U		<0.44	U		<0.89	U	
		VMP-15-21.5-111511	11/15/2011	<0.44	U		<0.25	U		4.4			<1.3	U		<1.4	U		<0.71	U	
		VMP-15-21.5-020112	2/1/2012	<0.33	U		<0.18	U		<0.8	U		<0.99	U		0.091	J	J	<0.53	U	
		VMP-15-21.5-042412	4/24/2012	<0.14	U		<0.081	U		1			<0.43	U		0.041	J		<0.23	U	
		VMP-15-21.5-072512	7/25/2012	<0.51	U		<0.29	U		0.26	J		<1.6	U		<0.41	U		<0.83	U	
		VMP-15-21.5-102512	10/25/2012	<0.84	U		<0.48	U		1	J		<2.6	U		<0.67	U		<1.4	U	
		VMP-15-21.5-102512-Dup	10/25/2012	<0.87	U		<0.49	U		1.1	J		<2.6	U		<0.69	U		<1.4	U	
		VMP-15-21.5-020713	2/7/2013	<0.21	U		<0.012	U		0.4			<0.065	U		0.029	J		<0.035	U	
		VMP-15-21.5-051513	5/15/2013	<0.48	U		<0.27	U		32			<1.5	U		<0.39	U		<0.78	U	
	25.5 ft	VMP-15-25.5	11/18/2009	<2.3	U		<1.3	U					<1.8	U		<1.8	U		<3.7	U	
		VMP 15-25.5-091410	9/14/2010	<0.005	U		<0.0028	U					0.0015	J		<0.004	J	U	<0.0081	U	
		VMP-15-25.5-021611	2/16/2011	<0.067	U		<0.038	U					<0.051	U		0.028	J		<0.11	U	
		VMP-15-25.5-042011	4/20/2011	<0.055	U		<0.031	U		0.06	J		<0.17	U		<0.044	U		<0.089	U	
		VMP-15-25.5-042011-DUP	4/20/2011	<0.051	U		<0.029	U		0.27			<0.16	U		<0.041	U		<0.083	U	
		VMP-15-25.5-080811	8/8/2011	<0.055	U		<0.031	U		0.58			<0.17	U		<0.044	U		<0.089	U	
		VMP-15-25.5-111511	11/15/2011	<0.017	U		<0.0096	U		0.35			<0.051	U		<0.054	U		<0.027	U	
		VMP-15-25.5-073112	7/31/2012	<0.036	U		<0.02	U		0.71			0.023	J		<0.028	U		<0.058	U	
		VMP-15-25.5-102512	10/25/2012	<0.058	U		<0.0033	U		0.058			0.019			<0.018	U		<0.0093	U	
		VMP-15-25.5-021213	2/12/2013	<0.17	U		<0.099	U		2.4			<0.53	U		<0.14	U		<0.28	U	
		VMP-15-25.5-050913	5/9/2013	<23	U		<1.3	U		65			<7.1	U		<7.5	U		<3.8	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			Cyclohexane		
				420			57000						0.92								
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-15	29 ft	VMP-14-29	11/16/2009	<210	U		<400	U		<120	U		<230	U		<380	U		350		
		VMP-14-29-021811	2/18/2011	<150	U		<270	U		<85	U		<160	U		<260	U		180		
		VMP-14-29-040511	4/5/2011	<130	U		<240	U		<290	U		<130	U		<230	U		250		
		VMP-14-29-012612	1/26/2012	<140	U		<270	U		<330	U		<150	U		<260	U		250		
		VMP-14-29-042312	4/23/2012	<52	U		<95	U		<120	U		<55	U		<92	U		220		
		VMP-14-29-072512	7/25/2012	<54	U		<100	U		<120	U		<57	U		<97	U		210		
		VMP-14-29-101612	10/16/2012	<81	U		<150	U		<180	U		<86	U		<140	U		140		
		VMP-14-29-013113-DUP	1/31/2013	<110	U		<200	U		<250	U		<120	U		<490	U		150		J
		VMP-14-29-013113	1/31/2013	<45	U		<84	U		<100	U		<48	U		<200	U		480		J
		VMP-14-29-050213	5/2/2013	<46	U		<85	U		<100	U		<48	U		<200	U		340		
	5 ft	VMP-15-5	11/18/2009	<0.005	U		<0.011	U		<0.003	U		<0.006	U		<0.01	U		<0.004	U	
		VMP-15-5-D	11/18/2009	<0.005	U		<0.011	U		<0.003	U		<0.006	U		<0.01	U		<0.004	U	
		VMP 15-5-091410	9/14/2010	<0.0058	U		<0.011	U		<0.0033	U		0.0013	J		<0.01	U		0.0048		
		VMP-15-5-113010	11/30/2010	<0.14	U		<0.25	U		0.22			<0.15	U		<0.25	UJ	UJ	8.6		
		VMP-15-5-021611	2/16/2011	<0.13	U		<0.24	U		<0.074	U		<0.14	U		<0.23	U		0.29		
		VMP-15-5-042011	4/20/2011	<0.3	U		<0.56	U		<0.7	U		<0.32	U		<0.54	U		3.2		
		VMP-15-5-080811	8/8/2011	<0.0068	J	U	<0.013	U		<0.016	U		0.0023	J		<0.012	U		<0.0051	U	
		VMP-15-5-111511	11/15/2011	0.0083			<0.014	U		<0.018	U		<0.0081	U		<0.014	U		0.031		
		VMP-15-5-020112	2/1/2012	<0.039	U		<0.073	U		<0.09	U		<0.042	U		<0.071	U		<0.029	U	
		VMP-15-5-042412	4/24/2012	<0.04	U		<0.074	U		<0.092	U		<0.043	U		<0.072	U		<0.03	U	
		VMP-15-5-072512	7/25/2012	<0.0045		U	<0.0084	U		<0.01	U		0.025			0.017	J		0.00085	J	
		VMP-15-5-102512	10/25/2012	<0.0068	J	U	<0.013	U		<0.016	U		0.002	J		<0.031	U		0.0018	J	
		VMP-15-5-020513	2/5/2013	<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.005	U	
		VMP-15-5-050913	5/9/2013	<0.0073	U		<0.013	U		<0.017	U		<0.0077	U		<0.033	U		<0.0054	U	
	21.5 ft	VMP-15-21.5	11/18/2009	<2.6	U		<4.8	U		<1.5	U		<2.8	U		<4.7	U		460		
		VMP 15-21.5-091410	9/14/2010	<0.63	U		<1.2	U		<0.36	U		<0.67	U		<1.1	U		4		
		VMP-15-21.5-113010	11/30/2010	<0.74	U		<1.4	U		<0.42	U		<0.78	U		<1.3	UJ	UJ	6		
		VMP-15-21.5-021611	2/16/2011	<0.52	U		<0.95	U		<0.3	U		<0.55	U		<0.92	U		2.4		
		VMP-15-21.5-042011	4/20/2011	<0.81	U		<1.5	U		<1.8	U		<0.86	U		<1.4	U		6		
		VMP-15-21.5-080811	8/8/2011	<0.65	U		<1.2	U		<1.5	U		<0.69	U		<1.2	U		<0.48	U	
		VMP-15-21.5-111511	11/15/2011	<0.52	U		<0.96	U		<1.2	U		<0.55	U		<0.93	U		2.3		
		VMP-15-21.5-020112	2/1/2012	<0.39	U		<0.72	U		<0.89	U		<0.41	U		<0.69	U		<0.29	U	
		VMP-15-21.5-042412	4/24/2012	<0.17	U		<0.31	U		<0.39	U		<0.18	U		<0.3	U		<0.12	U	
		VMP-15-21.5-072512	7/25/2012	<0.61	U		<1.1	U		<1.4	U		<0.65	U		<1.1	U		0.53		
		VMP-15-21.5-102512	10/25/2012	<1	U		<1.8	U		<2.3	U		<1	U		<1.8	U		0.25	J	
		VMP-15-21.5-102512-Dup	10/25/2012	<1	U		<1.9	U		<2.4	U		<1.1	U		<1.8	U		0.16	J	
		VMP-15-21.5-020713	2/7/2013	<0.025	U		<0.047	U		<0.058	U		<0.027	U		<0.11	U		0.093		
		VMP-15-21.5-051513	5/15/2013	<0.57	U		<1	U		<1.3	U		<0.6	U		<1	U		3.9		
	25.5 ft	VMP-15-25.5	11/18/2009	<2.7	U		<5.1	U		<1.6	U		<2.9	U		<4.9	U		560		
		VMP 15-25.5-091410	9/14/2010	<0.0059	U		<0.011	U		<0.0034	U		0.0023	J		<0.011	U		0.084		
		VMP-15-25.5-021611	2/16/2011	<0.079	U		<0.15	U		<0.045	U		<0.084	U		<0.14	U		0.45		
		VMP-15-25.5-042011	4/20/2011	<0.065	U		<0.12	U		<0.15	U		<0.069	U		<0.12	U		0.062		
		VMP-15-25.5-042011-DUP	4/20/2011	<0.061	U		<0.11	U		<0.14	U		<0.064	U		<0.11	U		0.1		
		VMP-15-25.5-080811	8/8/2011	<0.065	U		<0.12	U		<0.15	U		0.34			<0.12	U		<0.048	U	
		VMP-15-25.5-111511	11/15/2011	0.012	J		<0.037	U		<0.046	U		<0.021	U		<0.036	U		0.12		
		VMP-15-25.5-073112	7/31/2012	<0.042	U		<0.078	U		<0.096	U		<0.045	U		<0.076	U		0.04		
		VMP-15-25.5-102512	10/25/2012	<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.031	U		0.02		
		VMP-15-25.5-021213	2/12/2013	<0.21	U		<0.38	U		<0.47	U		<0.22	U		<0.37	U		<0.15	U	
		VMP-15-25.5-050913	5/9/2013	<2.8	U		<5.1	U		<6.3	U		<2.9	U		<12	U		8.9		

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane		
				0.06			1700						6800						4200		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-15	29 ft	VMP-14-29	11/16/2009	<360	U		<280	U		<280	U		<280	U		<230	U		<190	U	
		VMP-14-29-021811	2/18/2011	<250	U		<190	U		<190	U		<190	U		<160	U		<130	U	
		VMP-14-29-040511	4/5/2011	<210	U		<160	U		<160	U		<160	U		<140	U		<110	U	
		VMP-14-29-012612	1/26/2012	<240	U		<190	U		<190	U		<190	U		<160	U		<130	U	
		VMP-14-29-042312	4/23/2012	<86	U		<67	U		<67	U		<67	U		<55	U		<45	U	
		VMP-14-29-072512	7/25/2012	<90	U		<71	U		<71	U		<71	U		<58	U		<48	U	
		VMP-14-29-101612	10/16/2012	<140	U		<100	U		<100	U		<100	U		<87	U		<71	U	
		VMP-14-29-013113-DUP	1/31/2013	<180	U		<140	U		<140	U		<140	U		<120	U		<96	U	
		VMP-14-29-013113	1/31/2013	<76	U		<59	U		<59	U		<59	U		<49	U		<40	U	
		VMP-14-29-050213	5/2/2013	<76	U		<60	U		<60	U		<60	U		<49	U		<40	U	
	5 ft	VMP-15-5	11/18/2009	<0.009	U		<0.007	U		<0.007	U		<0.007	U		<0.006	U		<0.005	U	
		VMP-15-5-D	11/18/2009	<0.009	U		<0.007	U		<0.007	U		<0.007	U		<0.006	U		<0.005	U	
		VMP 15-5-091410	9/14/2010	<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.002	J		<0.0051	U	
		VMP-15-5-113010	11/30/2010	<0.23	U		<0.18	U		<0.18	U		<0.18	U		<0.15	U		<0.12	U	
		VMP-15-5-021611	2/16/2011	<0.22	U		<0.17	U		<0.17	U		<0.17	U		<0.14	U		<0.11	U	
		VMP-15-5-042011	4/20/2011	<0.51	U		<0.4	U		<0.4	U		<0.4	U		<0.33	U		<0.27	U	
		VMP-15-5-080811	8/8/2011	<0.011	J	U	<0.0089	J	U	<0.0089	J	U	<0.0089	J	U	0.0026	J		<0.006	U	
		VMP-15-5-111511	11/15/2011	<0.013	U		<0.01	U		<0.01	U		<0.01	U		<0.0082	U		<0.0067	U	
		VMP-15-5-020112	2/1/2012	<0.066	U		<0.051	U		<0.051	U		<0.051	U		<0.042	U		<0.035	U	
		VMP-15-5-042412	4/24/2012	<0.067	U		<0.053	U		<0.053	U		<0.053	U		<0.043	U		<0.035	U	
		VMP-15-5-072512	7/25/2012	<0.0076	U		<0.0059	U		<0.0059	J	U	<0.0059	J	U	0.0029	J		<0.004	U	
		VMP-15-5-102512	10/25/2012	<0.011	U		<0.0089	U		<0.0089	U		<0.0089	J	U	0.0024	J		<0.006	U	
		VMP-15-5-020513	2/5/2013	<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.002	J		<0.0058	U	
		VMP-15-5-050913	5/9/2013	<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		<0.0078	U		<0.0064	U	
	21.5 ft	VMP-15-21.5	11/18/2009	<4.4	U		<3.4	U		<3.4	U		<3.4	U		<2.8	U		<2.3	U	
		VMP 15-21.5-091410	9/14/2010	<1	U		<0.82	U		<0.82	U		<0.82	U		<0.68	U		<0.55	U	
		VMP-15-21.5-113010	11/30/2010	<1.2	U		<0.96	U		<0.96	U		<0.96	U		<0.79	U		<0.65	U	
		VMP-15-21.5-021611	2/16/2011	<0.86	U		<0.67	U		<0.67	U		<0.67	U		<0.55	U		<0.45	U	
		VMP-15-21.5-042011	4/20/2011	<1.4	U		<1	U		<1	U		<1	U		<0.87	U		<0.71	U	
		VMP-15-21.5-080811	8/8/2011	<1.1	U		<0.85	U		<0.85	U		<0.85	U		<0.7	U		<0.57	U	
		VMP-15-21.5-111511	11/15/2011	<0.86	U		<0.68	U		<0.68	U		<0.68	U		<0.56	U	UJ	<0.46	U	
		VMP-15-21.5-020112	2/1/2012	<0.64	U		<0.5	U		<0.5	U		<0.5	U		<0.42	U		<0.34	U	
		VMP-15-21.5-042412	4/24/2012	<0.28	U		<0.22	U		<0.22	U		<0.22	U		<0.18	U		<0.15	U	
		VMP-15-21.5-072512	7/25/2012	<1	U		<0.8	U		<0.8	U		<0.8	U		<0.66	U		<0.54	U	
		VMP-15-21.5-102512	10/25/2012	<1.7	U		<1.3	U		<1.3	U		<1.3	U		<1.1	U		<0.88	U	
		VMP-15-21.5-102512-Dup	10/25/2012	<1.7	U		<1.3	U		<1.3	U		<1.3	U		<1.1	U		<0.9	U	
		VMP-15-21.5-020713	2/7/2013	<0.042	U		<0.033	U		<0.033	U		<0.033	U		<0.027	U		<0.022	U	
		VMP-15-21.5-051513	5/15/2013	<0.95	U		<0.74	U		<0.74	U		<0.74	U		<0.61	U		<0.5	U	
	25.5 ft	VMP-15-25.5	11/18/2009	<4.6	U		<3.6	U		<3.6	U		<3.6	U		<2.9	U		<2.4	U	
		VMP 15-25.5-091410	9/14/2010	<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.002	J		<0.0052	U	
		VMP-15-25.5-021611	2/16/2011	<0.13	U		<0.1	U		<0.1	U		<0.1	U		<0.085	U		<0.07	U	
		VMP-15-25.5-042011	4/20/2011	<0.11	U		<0.085	U		<0.085	U		<0.085	U		<0.07	U		<0.057	U	
		VMP-15-25.5-042011-DUP	4/20/2011	<0.1	U		<0.079	U		<0.079	U		<0.079	U		<0.065	U		<0.053	U	
		VMP-15-25.5-080811	8/8/2011	<0.11	U		<0.085	U		<0.085	U		<0.085	U		<0.07	U		<0.057	U	
		VMP-15-25.5-111511	11/15/2011	<0.033	U		<0.026	U		<0.026	U		<0.026	U		<0.021	U	UJ	<0.018	U	
		VMP-15-25.5-073112	7/31/2012	<0.07	U		<0.055	U		<0.055	U		<0.055	U		<0.045	U		<0.037	U	
		VMP-15-25.5-102512	10/25/2012	<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		<0.0073	U		<0.006	U	
		VMP-15-25.5-021213	2/12/2013	<0.34	U		<0.27	U		<0.27	U		<0.27	U		<0.22	U		<0.18	U	
		VMP-15-25.5-050913	5/9/2013	<4.6	U		<3.6	U		<3.6	U		<3.6	U		<3	U		<2.4	U	

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Location	Depth	Sample ID	Sample Date	1,2-Dichloroethane			1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene			1,2-Dichloropropane		
				0.81			1600			1100000			510			45			0.46		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-15	29 ft	VMP-14-29	11/16/2009	<190	U		<180	U		<180	U		<180	U		<160	U		<220	U	
		VMP-14-29-021811	2/18/2011	<130	U		<130	U		<130	U		<130	U		<110	U		<150	U	
		VMP-14-29-040511	4/5/2011	<110	U		<110	U		<110	U		<110	U		<96	U		<130	U	
		VMP-14-29-012612	1/26/2012	<130	U		<120	U		<120	U		<120	U		<110	U		<140	U	
		VMP-14-29-042312	4/23/2012	<45	U		<44	U		<44	U		<44	U		<39	U		<52	U	
		VMP-14-29-072512	7/25/2012	<48	U		<46	U		<46	U		<46	U		<41	U		<54	U	
		VMP-14-29-101612	10/16/2012	<71	U		<70	U		<70	U		<70	U		<61	U		<81	U	
		VMP-14-29-013113-DUP	1/31/2013	<96	U		<94	U		<94	U		<94	U		<820	U	UJ	<110	U	
		VMP-14-29-013113	1/31/2013	<40	U		<39	U		<39	U		<39	U		7.7	J	J	<46	U	
		VMP-14-29-050213	5/2/2013	<40	U		<39	U		<39	U		<39	U		<340	U		<46	U	
	5 ft	VMP-15-5	11/18/2009	<0.005	U		<0.005	U		<0.005	U		<0.005	U		<0.004	U		<0.005	U	
		VMP-15-5-D	11/18/2009	<0.005	U		<0.005	U		<0.005	U		<0.005	U		<0.004	U		<0.005	U	
		VMP 15-5-091410	9/14/2010	<0.0051	U		<0.005	U		<0.005	U		<0.005	U		0.001	J		<0.0058	U	
		VMP-15-5-113010	11/30/2010	<0.12	U		<0.12	U		<0.12	U		<0.12	U		<0.1	U		<0.14	U	
		VMP-15-5-021611	2/16/2011	<0.11	U		<0.11	U		<0.11	U		<0.11	U		0.091	J		<0.13	U	
		VMP-15-5-042011	4/20/2011	<0.27	U		<0.26	U		<0.26	U		<0.26	U		<0.23	U		<0.3	U	
		VMP-15-5-080811	8/8/2011	<0.006	J	U	<0.0059	U		<0.0059	U		<0.0059	U		0.012			<0.0069	U	
		VMP-15-5-111511	11/15/2011	<0.0067	U		<0.0066	U		<0.0066	U		<0.0066	U		<0.0058	J	U	<0.0077	U	
		VMP-15-5-020112	2/1/2012	<0.035	U		<0.034	U		<0.034	U		<0.034	U		<0.03	U		<0.04	U	
		VMP-15-5-042412	4/24/2012	<0.035	U		<0.035	U		<0.035	U		<0.035	U		<0.03	U		<0.04	U	
		VMP-15-5-072512	7/25/2012	<0.004	U		<0.0039	U		<0.0039	U		<0.0039	U		0.0044	J		<0.0046	U	
		VMP-15-5-102512	10/25/2012	<0.006	U		<0.0059	U		<0.0059	U		<0.0059	U		0.0042	J		<0.0069	U	
		VMP-15-5-020513	2/5/2013	<0.0058	U		<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U	
		VMP-15-5-050913	5/9/2013	<0.0064	U		<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U	
	21.5 ft	VMP-15-21.5	11/18/2009	<2.3	U		<2.3	U		<2.2	U		<2.2	U		<2	U		<2.6	U	
		VMP 15-21.5-091410	9/14/2010	<0.55	U		<0.54	U		<0.54	U		<0.54	U		<0.48	U		<0.63	U	
		VMP-15-21.5-113010	11/30/2010	<0.65	U		<0.64	U		<0.64	U		<0.64	U		<0.56	U		<0.74	U	
		VMP-15-21.5-021611	2/16/2011	<0.45	U		<0.44	U		<0.44	U		<0.44	U		<0.39	U		<0.52	U	
		VMP-15-21.5-042011	4/20/2011	<0.71	U		<0.7	U		<0.7	U		<0.7	U		<0.61	U		<0.81	U	
		VMP-15-21.5-080811	8/8/2011	<0.57	U		<0.56	U		<0.56	U		<0.56	U		0.58			<0.65	U	
		VMP-15-21.5-111511	11/15/2011	<0.46	U		<0.45	U		<0.45	U		<0.45	U		<0.39	U		<0.52	U	
		VMP-15-21.5-020112	2/1/2012	<0.34	U		<0.33	U		<0.33	U		<0.33	U		<0.29	U		<0.39	U	
		VMP-15-21.5-042412	4/24/2012	<0.15	U		<0.14	U		<0.14	U		<0.14	U		<0.13	U		<0.17	U	
		VMP-15-21.5-072512	7/25/2012	<0.54	U		<0.52	U		<0.52	U		<0.52	U		0.31	J		<0.61	U	
		VMP-15-21.5-102512	10/25/2012	<0.88	U		<0.86	U		<0.86	U		<0.86	U		<0.75	U		<1	U	
		VMP-15-21.5-102512-Dup	10/25/2012	<0.9	U		<0.88	U		<0.88	U		<0.88	U		<0.77	U		<1	U	
		VMP-15-21.5-020713	2/7/2013	<0.022	U		<0.022	U		<0.022	U		<0.022	U		<0.19	U		<0.025	U	
		VMP-15-21.5-051513	5/15/2013	<0.5	U		<0.49	U		<0.49	U		<0.49	U		<0.43	U		<0.57	U	
	25.5 ft	VMP-15-25.5	11/18/2009	<2.4	U		<2.4	U		<2.4	U		<2.4	U		<2.1	U		<2.7	U	
		VMP 15-25.5-091410	9/14/2010	<0.0052	U		<0.0051	U		<0.0051	U		<0.0051	U		0.0026	J		<0.006	U	
		VMP-15-25.5-021611	2/16/2011	<0.07	U		<0.068	U		<0.068	U		<0.068	U		<0.06	U		<0.079	U	
		VMP-15-25.5-042011	4/20/2011	<0.057	U		<0.056	U		<0.056	U		<0.056	U		<0.049	U	UJ	<0.065	U	
		VMP-15-25.5-042011-DUP	4/20/2011	<0.053	U		<0.052	U		<0.052	U		<0.052	U		0.15		J	<0.061	U	
		VMP-15-25.5-080811	8/8/2011	<0.057	U		<0.056	U		<0.056	U		<0.056	U		<0.049	U		<0.065	U	
		VMP-15-25.5-111511	11/15/2011	<0.018	U		<0.017	U		<0.017	U		<0.017	U		0.004	J		<0.02	U	
		VMP-15-25.5-073112	7/31/2012	<0.037	U		<0.036	U		<0.036	U		<0.036	U		0.0062	J		<0.042	U	
		VMP-15-25.5-102512	10/25/2012	<0.006	U		<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U	
		VMP-15-25.5-021213	2/12/2013	<0.18	U		<0.18	U		<0.18	U		<0.18	U		0.23			<0.21	U	
		VMP-15-25.5-050913	5/9/2013	<2.4	U		<2.4	U		<2.4	U		<2.4	U		<21	U		<2.8	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene		
				6.2			6.2			2.3						8300					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-15	29 ft	VMP-14-29	11/16/2009	<210	U		<210	U		<670	U		<350	U		<200	U		<230	U	
		VMP-14-29-021811	2/18/2011	<140	U		<140	U		<460	U		<240	U		<140	U		<160	U	
		VMP-14-29-040511	4/5/2011	<120	U		<120	U		<400	U		<210	U		<120	U		<140	U	
		VMP-14-29-012612	1/26/2012	<140	U		<140	U		<450	U		<240	U		<140	U		<150	U	
		VMP-14-29-042312	4/23/2012	<51	U		<51	U		<160	U		<84	U		<49	U		<55	U	
		VMP-14-29-072512	7/25/2012	<53	U		<53	U		<170	U		<88	U		<51	U		<58	U	
		VMP-14-29-101612	10/16/2012	<80	U		<80	U		<250	U		<130	U		<76	U		<86	U	
		VMP-14-29-013113-DUP	1/31/2013	<110	U		<110	U		<340	U		<180	U		<100	U	UJ	<120	U	
		VMP-14-29-013113	1/31/2013	<45	U		<45	U		<140	U		<74	U		13	J	J	<48	U	
		VMP-14-29-050213	5/2/2013	<45	U		<45	U		<140	U		<75	U		13	J		<49	U	
	5 ft	VMP-15-5	11/18/2009	<0.005	U		<0.005	U		<0.018	U		0.011		J	<0.005	U		<0.006	U	
		VMP-15-5-D	11/18/2009	<0.005	U		<0.005	U		<0.018	U		0.018		J	<0.005	U		<0.006	U	
		VMP 15-5-091410	9/14/2010	<0.0057	U		<0.0057	U		<0.018	U		0.0076	J		<0.0055	U		<0.0062	U	
		VMP-15-5-113010	11/30/2010	<0.14	U		<0.14	U		<0.43	U		<0.22	U		0.031	J		<0.15	U	
		VMP-15-5-021611	2/16/2011	<0.13	U		<0.13	U		<0.41	U		0.13	J	J	<0.12	U		<0.14	U	
		VMP-15-5-042011	4/20/2011	<0.3	U		<0.3	U		<0.95	U		<0.5	U		<0.29	U		<0.32	U	
		VMP-15-5-080811	8/8/2011	<0.0067	J	U	<0.0067	J	U	<0.021	U		0.072			0.0016	J		<0.0073	J	U
		VMP-15-5-111511	11/15/2011	<0.0075	U		<0.0075	U		<0.024	U		0.026			0.0031	J		0.0011	J	
		VMP-15-5-020112	2/1/2012	<0.039	U		<0.039	U		<0.12	U		0.059	J		0.025	J		0.026	J	
		VMP-15-5-042412	4/24/2012	<0.04	U		<0.04	U		<0.13	U		<0.066	U		<0.038	U		<0.043	U	
		VMP-15-5-072512	7/25/2012	<0.0045	U		<0.0045	U		<0.014	U		0.049			0.0034	J		0.0035	J	
		VMP-15-5-102512	10/25/2012	<0.0067	U		<0.0067	U		<0.021	U		0.038			0.0019	J		0.0025	J	
		VMP-15-5-020513	2/5/2013	<0.0066	U		<0.0066	U		<0.021	U		0.0033	J		<0.0063	U		<0.0071	J	U
		VMP-15-5-050913	5/9/2013	<0.0072	U		<0.0072	U		<0.023	U		<0.012	U		<0.0069	U		<0.0078	U	
	21.5 ft	VMP-15-21.5	11/18/2009	<2.6	U		<2.6	U		<8.2	U		<4.3	U		<2.5	U		<2.8	U	
		VMP 15-21.5-091410	9/14/2010	<0.62	U		<0.62	U		<2	U		<1	U		<0.59	U		<0.67	U	
		VMP-15-21.5-113010	11/30/2010	<0.73	U		<0.73	U		<2.3	U		<1.2	U		<0.7	U		<0.79	U	
		VMP-15-21.5-021611	2/16/2011	<0.51	U		<0.51	U		<1.6	U		<0.84	U		<0.49	U		<0.55	U	
		VMP-15-21.5-042011	4/20/2011	<0.8	U		<0.8	U		<2.5	U		<1.3	U		<0.76	U		<0.86	U	
		VMP-15-21.5-080811	8/8/2011	<0.64	U		<0.64	U		<2	U		<1.1	U		<0.61	U		<0.69	U	
		VMP-15-21.5-111511	11/15/2011	<0.51	U		<0.51	U		<1.6	U		<0.85	U		<0.49	U		<0.55	U	
		VMP-15-21.5-020112	2/1/2012	<0.38	U		<0.38	U		<1.2	U		<0.63	U		<0.36	U		<0.41	U	
		VMP-15-21.5-042412	4/24/2012	<0.17	U		<0.17	U		<0.53	U		<0.28	U		<0.16	U		<0.18	U	
		VMP-15-21.5-072512	7/25/2012	<0.6	U		<0.6	U		<1.9	U		<1	U		<0.58	U		<0.65	U	
		VMP-15-21.5-102512	10/25/2012	<0.98	U		<0.98	U		<3.1	U		<1.6	U		<0.94	U		<1.1	U	
		VMP-15-21.5-102512-Dup	10/25/2012	<1	U		<1	U		<3.2	U		<1.7	U		<0.97	U		<1.1	U	
		VMP-15-21.5-020713	2/7/2013	<0.025	U		<0.025	U		<0.079	U		0.04	J		<0.024	U		<0.027	U	
		VMP-15-21.5-051513	5/15/2013	<0.56	U		<0.56	U		<1.8	U		<0.93	U		0.86			<0.61	U	
	25.5 ft	VMP-15-25.5	11/18/2009	<2.7	U		<2.7	U		<8.6	U		<4.5	U		<2.6	U		<2.9	U	
		VMP 15-25.5-091410	9/14/2010	<0.0058	U		<0.0058	U		<0.018	U		0.0053	J		<0.0056	U		<0.0063	U	
		VMP-15-25.5-021611	2/16/2011	<0.078	U		<0.078	U		<0.25	U		<0.13	U		<0.075	U		<0.084	U	
		VMP-15-25.5-042011	4/20/2011	<0.064	U		<0.064	U		<0.2	U		<0.11	U		<0.061	U		<0.069	U	
		VMP-15-25.5-042011-DUP	4/20/2011	<0.06	U		<0.06	U		<0.19	U		<0.099	U		<0.057	U		<0.065	U	
		VMP-15-25.5-080811	8/8/2011	<0.064	U		<0.064	U		<0.2	U		0.087	J		<0.061	U		<0.069	U	
		VMP-15-25.5-111511	11/15/2011	<0.02	U		<0.02	U		<0.062	U		0.027	J		<0.019	U		<0.021	U	
		VMP-15-25.5-073112	7/31/2012	<0.042	U		<0.042	U		<0.13	U		0.052	J	J	<0.04	U		<0.045	U	
		VMP-15-25.5-102512	10/25/2012	<0.0067	U		<0.0067	U		<0.021	U		0.065			<0.0064	U		0.0017	J	
		VMP-15-25.5-021213	2/12/2013	<0.2	U		<0.2	U		<0.65	U		<0.34	U		<0.19	U		<0.22	U	
		VMP-15-25.5-050913	5/9/2013	<2.7	U		<2.7	U		<8.6	U		<4.5	U		<2.6	U		<2.9	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-15	29 ft	VMP-14-29	11/16/2009	<360	U		<320	U		220			<2000	U		900			<760	U	
		VMP-14-29-021811	2/18/2011	<250	U		<220	U		110	J		<1400	U		530			<520	U	
		VMP-14-29-040511	4/5/2011	<210	U		<190	U		140			<1200	U		700			<450	U	
		VMP-14-29-012612	1/26/2012	<240	U		<220	U		120	J		<1300	U		840			<510	U	
		VMP-14-29-042312	4/23/2012	<86	U		<78	U		110			<480	U		650			<180	U	
		VMP-14-29-072512	7/25/2012	<90	U		<82	U		100			<500	U		620			<190	U	
		VMP-14-29-101612	10/16/2012	<130	U		<120	U		48	J		<750	U		300			<290	U	
		VMP-14-29-013113-DUP	1/31/2013	<180	U		<160	U		33	J	J	<1000	U		170		J	<390	U	
		VMP-14-29-013113	1/31/2013	<75	U		<69	U		250		J	<420	U		980		J	<160	U	
		VMP-14-29-050213	5/2/2013	<76	U		<70	U		190			<420	U		1100			<160	U	
	5 ft	VMP-15-5	11/18/2009	<0.009	U		<0.008	U		<0.005	U		<0.054	U		<0.004	U		<0.021	U	
		VMP-15-5-D	11/18/2009	<0.009	U		<0.008	U		<0.005	U		<0.054	U		<0.004	U		<0.021	U	
		VMP 15-5-091410	9/14/2010	<0.0096	U		<0.0088	U		0.0059			<0.054	U		0.022			<0.021	U	
		VMP-15-5-113010	11/30/2010	<0.23	U		<0.21	U		<0.12	U		<1.3	U		0.12			<0.49	U	
		VMP-15-5-021611	2/16/2011	<0.22	U		<0.2	U		<0.12	U		<1.2	U		<0.099	U		<0.46	U	
		VMP-15-5-042011	4/20/2011	<0.5	U		<0.46	U		<0.27	U		<2.8	U		<0.23	U		<2.7	U	
		VMP-15-5-080811	8/8/2011	<0.011	U		<0.01	U		0.0014	J		<0.063	U		0.0056			0.0016	J	
		VMP-15-5-111511	11/15/2011	<0.013	U		<0.012	U		0.019			<0.071	U		0.048			<0.027	U	
		VMP-15-5-020112	2/1/2012	<0.066	U		<0.06	U		<0.035	U		<0.36	U		<0.03	U		<0.14	U	
		VMP-15-5-042412	4/24/2012	<0.067	U		<0.061	U		<0.036	U		<0.37	U		<0.031	U		<0.14	U	
		VMP-15-5-072512	7/25/2012	<0.0075	U		<0.0069	U		<0.004	U		<0.042	U		0.012			0.0037	J	
		VMP-15-5-102512	10/25/2012	<0.011	U		<0.01	U		0.0033	J		<0.063	U		0.0066			<0.024	U	
		VMP-15-5-020513	2/5/2013	<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U		<0.024	U	
		VMP-15-5-050913	5/9/2013	<0.012	U		<0.011	U		<0.0065	U		<0.067	U		<0.0056	U		<0.026	U	
	21.5 ft	VMP-15-21.5	11/18/2009	<4.4	U		<4	U		30			<24	U		96			<9.3	U	
		VMP 15-21.5-091410	9/14/2010	<1	U		<0.96	U		<0.56	U		<5.8	U		<0.48	U		<2.2	U	
		VMP-15-21.5-113010	11/30/2010	<1.2	U		<1.1	U		<0.66	U		<6.8	U		<0.56	U		<2.6	U	
		VMP-15-21.5-021611	2/16/2011	<0.86	U		<0.78	U		<0.46	U		<4.8	U		1.9			<1.8	U	
		VMP-15-21.5-042011	4/20/2011	<1.3	U		<1.2	U		<0.72	U		<7.5	U		<0.62	U		<7.2	U	
		VMP-15-21.5-080811	8/8/2011	<1.1	U		<0.98	U		<0.58	U		<6	U		<0.5	U		<2.3	U	
		VMP-15-21.5-111511	11/15/2011	<0.86	U		<0.79	U		<0.46	U		<4.8	U		<0.4	U		<1.8	U	
		VMP-15-21.5-020112	2/1/2012	<0.64	U		<0.59	U		<0.34	U		<3.6	U		<0.3	U		<1.4	U	
		VMP-15-21.5-042412	4/24/2012	<0.28	U		<0.26	U		<0.15	U		<1.6	U		<0.13	U		<0.6	U	
		VMP-15-21.5-072512	7/25/2012	<1	U		<0.93	U		<0.54	U		<5.6	U		0.097	J		<2.2	U	
		VMP-15-21.5-102512	10/25/2012	<1.6	U		<1.5	U		<0.89	U		<9.2	U		<0.76	U		<3.5	U	
		VMP-15-21.5-102512-Dup	10/25/2012	<1.7	U		<1.6	U		<0.91	U		<9.5	U		<0.78	U		<3.6	U	
		VMP-15-21.5-020713	2/7/2013	<0.042	U		<0.038	U		0.12			<0.23	U		0.41			<0.09	U	
		VMP-15-21.5-051513	5/15/2013	<0.95	U		<0.87	U		<0.51	U		<5.3	U		3			<2	U	
	25.5 ft	VMP-15-25.5	11/18/2009	<4.6	U		<4.2	U		22			<25	U		86			<9.7	U	
		VMP 15-25.5-091410	9/14/2010	<0.0099	U		<0.009	U		0.0039	J		<0.055	U		0.011			<0.021	U	
		VMP-15-25.5-021611	2/16/2011	<0.13	U		<0.12	U		<0.07	U		<0.73	U		<0.061	U		<0.28	U	
		VMP-15-25.5-042011	4/20/2011	<0.11	U		<0.098	U		<0.058	U		<0.6	U		0.046	J		<0.58	U	
		VMP-15-25.5-042011-DUP	4/20/2011	<0.1	U		<0.092	U		<0.054	U		<0.56	U		0.035	J		<0.54	U	
		VMP-15-25.5-080811	8/8/2011	<0.11	U		<0.098	U		<0.058	U		<0.6	U		<0.05	U		<0.23	U	
		VMP-15-25.5-111511	11/15/2011	<0.033	U		<0.03	U		0.013	J		<0.18	U		0.097			<0.071	U	
		VMP-15-25.5-073112	7/31/2012	<0.07	U		<0.064	U		<0.037	U		<0.39	U		<0.032	U		<0.15	U	
		VMP-15-25.5-102512	10/25/2012	<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U		<0.024	U	
		VMP-15-25.5-021213	2/12/2013	<0.34	U		<0.31	U		<0.18	U		<1.9	U		<0.16	U		<0.73	U	
		VMP-15-25.5-050913	5/9/2013	<4.6	U		<4.2	U		<2.4	U		<26	U		<2.1	U		<9.8	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	Isopentane			Isopropylbenzene (Cumene) 3500			4-Methyl-2-pentanone (Methyl			Methyl tert-Butyl Ether (MTBE) 23000			2-Propanol			n-Propylbenzene		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-15	29 ft	VMP-14-29	11/16/2009				<230	U		<190	U		<170	U		<460	U		<230	U	
		VMP-14-29-021811	2/18/2011				<160	U		<130	U		<120	U		<320	U		<160	U	
		VMP-14-29-040511	4/5/2011	4600			<140	U		<110	U		<100	U		<270	U		<140	U	
		VMP-14-29-012612	1/26/2012	7300			<150	U		<130	U		<110	U		<310	U		<150	U	
		VMP-14-29-042312	4/23/2012	4700			<55	U		<46	U		<40	U		<110	U		<55	U	
		VMP-14-29-072512	7/25/2012	5400			<58	U		<48	U		<42	U		<120	U		<58	U	
		VMP-14-29-101612	10/16/2012	3000			<86	U		<72	U		<63	U		<170	U		<86	U	
		VMP-14-29-013113-DUP	1/31/2013	1600		J	<120	U		<97	U		<85	U		<230	U		<120	U	
		VMP-14-29-013113	1/31/2013	5600		J	<48	U		<40	U		<36	U		<97	U		<48	U	
		VMP-14-29-050213	5/2/2013	5300			<49	U		<41	U		<36	U		<98	U		<49	U	
	5 ft	VMP-15-5	11/18/2009				<0.006	U		<0.005	U		<0.004	U		<0.012	U		<0.006	U	
		VMP-15-5-D	11/18/2009				<0.006	U		<0.005	U		<0.004	U		<0.012	U		<0.006	U	
		VMP 15-5-091410	9/14/2010				<0.0062	U		<0.0052	U		<0.0045	U		0.018			<0.0062	U	
		VMP-15-5-113010	11/30/2010				<0.15	U		<0.12	U		<0.11	U		<0.29	U		0.065	J	
		VMP-15-5-021611	2/16/2011				<0.14	U		<0.12	U		<0.1	U		0.17	J		<0.14	U	
		VMP-15-5-042011	4/20/2011	140			<0.32	U		<2.7	U		<0.24	U		<0.65	U		<0.32	U	
		VMP-15-5-080811	8/8/2011	0.014	J		0.01			0.07			<0.0054	U		0.04			<0.0073	J	U
		VMP-15-5-111511	11/15/2011	0.26			0.0072	J		0.03			<0.006	U		0.036			0.0019	J	
		VMP-15-5-020112	2/1/2012	0.014	J		0.03	J		0.049			<0.031	U		0.029	J		0.067		
		VMP-15-5-042412	4/24/2012	0.25			0.0094	J		<0.036	U		<0.032	U		0.1			<0.043	U	
		VMP-15-5-072512	7/25/2012	0.0034	J		0.03			0.06			<0.0036	U		0.0099			0.0012	J	
		VMP-15-5-102512	10/25/2012	0.1			0.052			0.11			<0.0054	U		0.026			<0.0073	J	U
		VMP-15-5-020513	2/5/2013	0.0019	J		<0.0071	U		<0.0059	U		<0.0052	U		0.025			<0.0071	U	
		VMP-15-5-050913	5/9/2013	0.017	J		<0.0078	U		<0.0065	U		<0.0057	U		0.005	J		<0.0078	U	
	21.5 ft	VMP-15-21.5	11/18/2009				<2.8	U		<2.3	U		<2	U		<5.6	U		<2.8	U	
		VMP 15-21.5-091410	9/14/2010				<0.67	U		<0.56	U		<0.49	U		<1.3	U		<0.67	U	
		VMP-15-21.5-113010	11/30/2010				<0.79	U		<0.66	U		<0.58	U		<1.6	U		<0.79	U	
		VMP-15-21.5-021611	2/16/2011				<0.55	U		<0.46	U		<0.4	U		<1.1	U		<0.55	U	
		VMP-15-21.5-042011	4/20/2011	190			<0.86	U		<7.2	U		<0.63	U		<1.7	U		<0.86	U	
		VMP-15-21.5-080811	8/8/2011	130			<0.69	U		<0.58	U		<0.51	U		<1.4	U		<0.69	U	
		VMP-15-21.5-111511	11/15/2011	100			<0.55	U		<0.46	U		<0.4	U		<1.1	U		<0.55	U	
		VMP-15-21.5-020112	2/1/2012	7.9		J	<0.41	U		<0.34	U		<0.3	U		<0.82	U		<0.41	U	
		VMP-15-21.5-042412	4/24/2012	9.8			<0.18	U		<0.15	U		<0.13	U		<0.36	U		<0.18	U	
		VMP-15-21.5-072512	7/25/2012	4.2			<0.65	U		<0.54	U		<0.48	U		0.12	J		<0.65	U	
		VMP-15-21.5-102512	10/25/2012	6.2			<1.1	U		<0.89	U		<0.78	U		<2.1	U		<1.1	U	
		VMP-15-21.5-102512-Dup	10/25/2012	6.4			<1.1	U		<0.91	U		<0.8	U		<2.2	U		<1.1	U	
		VMP-15-21.5-020713	2/7/2013	0.9			<0.027	U		<0.022	U		<0.02	U		0.026	J		<0.027	U	
		VMP-15-21.5-051513	5/15/2013	330			<0.61	U		<0.51	U		<0.45	U		<1.2	U		<0.61	U	
	25.5 ft	VMP-15-25.5	11/18/2009				<2.9	U		<2.4	U		<2.1	U		<5.8	U		<2.9	U	
		VMP 15-25.5-091410	9/14/2010				<0.0063	U		<0.0053	U		<0.0046	U		0.0041	J		<0.0063	U	
		VMP-15-25.5-021611	2/16/2011				<0.084	U		<0.07	U		<0.062	U		0.057	J		<0.084	U	
		VMP-15-25.5-042011	4/20/2011	0.42		J	<0.069	U		<0.58	U		<0.051	U		<0.14	U		<0.069	U	
		VMP-15-25.5-042011-DUP	4/20/2011	2.5		J	<0.065	U		<0.54	U		<0.048	U		<0.13	U		<0.065	U	
		VMP-15-25.5-080811	8/8/2011	4.8			0.022	J		<0.058	U		<0.051	U		<0.14	U		<0.069	U	
		VMP-15-25.5-111511	11/15/2011	4.3			0.0026	J		0.044			<0.016	U		0.033	J		<0.021	U	
		VMP-15-25.5-073112	7/31/2012	12			0.032	J		0.062			<0.033	U		0.013	J		<0.045	U	
		VMP-15-25.5-102512	10/25/2012	0.72			0.049			0.14			<0.0054	U		0.026		J	<0.0073	U	
		VMP-15-25.5-021213	2/12/2013	37			0.07	J		<0.73	U		<0.16	U		<0.44	U		<0.22	U	
		VMP-15-25.5-050913	5/9/2013	970			<2.9	U		<2.4	U		<2.2	UJ	UJ	<5.9	U		<2.9	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
				8500						4						40000			50		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-15	29 ft	VMP-14-29	11/16/2009	<200	U		<320	U		<320	U		<140	U		<180	U		<1400	UJ	UJ
		VMP-14-29-021811	2/18/2011	<140	U		<220	U		<220	U		<95	U		47	J		<950	U	
		VMP-14-29-040511	4/5/2011	<120	U		<190	U		<190	U		<81	U		50	J		<820	U	
		VMP-14-29-012612	1/26/2012	<130	U		<220	U		<210	U		<92	U		<120	U		<930	U	
		VMP-14-29-042312	4/23/2012	<48	U		<77	U		<76	U		<33	U		7.3	J		<330	U	
		VMP-14-29-072512	7/25/2012	<50	U		<81	U		<80	U		<35	U		<44	U		<350	U	
		VMP-14-29-101612	10/16/2012	<75	U		<120	U		<120	U		<52	U		9	J		<520	U	
		VMP-14-29-013113-DUP	1/31/2013	<100	U		<160	U		<160	U		<70	U		<89	U	UJ	<700	U	
		VMP-14-29-013113	1/31/2013	<42	U		<68	U		<67	U		<29	U		8	J	J	<290	U	
		VMP-14-29-050213	5/2/2013	<42	U		<68	U		<67	U		<29	U		<37	U		<300	U	
	5 ft	VMP-15-5	11/18/2009	<0.005	U		<0.008	U		<0.008	U		<0.003	U		<0.004	U		<0.038	U	
		VMP-15-5-D	11/18/2009	<0.005	U		<0.008	U		<0.008	U		<0.003	U		<0.004	U		<0.038	U	
		VMP 15-5-091410	9/14/2010	<0.0054	U		<0.0086	U		0.0016	J		<0.0037	U		0.0018	J		<0.037	U	
		VMP-15-5-113010	11/30/2010	<0.13	U		<0.2	U		<0.2	U		<0.088	U		<0.11	U		<0.89	U	
		VMP-15-5-021611	2/16/2011	0.036	J		<0.19	U		<0.19	U		<0.083	U		0.1	J		<0.84	U	
		VMP-15-5-042011	4/20/2011	<2.8	U		<0.45	U		<0.45	U		<0.19	U		<0.25	U		<2	U	
		VMP-15-5-080811	8/8/2011	0.0018	J		<0.01	U		0.0013	J		<0.0044	U		0.013			<0.044	J	U
		VMP-15-5-111511	11/15/2011	<0.0071	U		<0.011	U		<0.011	U		<0.0049	U		0.012			<0.049	U	
		VMP-15-5-020112	2/1/2012	<0.036	U		<0.059	U		<0.058	U		<0.025	U		0.011	J		<0.25	U	UJ
		VMP-15-5-042412	4/24/2012	<0.037	U		<0.06	U		<0.059	U		<0.026	U		0.01	J		<0.26	U	
		VMP-15-5-072512	7/25/2012	0.004	J		<0.0068	U		<0.0067	U		<0.0029	U		0.026			<0.029	U	
		VMP-15-5-102512	10/25/2012	<0.0063	U		<0.01	U		0.0051	J		<0.0044	U		0.013			<0.044	U	
		VMP-15-5-020513	2/5/2013	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	J	U	<0.043	U	
		VMP-15-5-050913	5/9/2013	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		<0.006	U		<0.047	U	
	21.5 ft	VMP-15-21.5	11/18/2009	<2.4	U		<3.9	U		<3.9	U		<1.7	U		<2.1	U		<17	U	
		VMP 15-21.5-091410	9/14/2010	<0.58	U		<0.94	U		<0.93	U		<0.4	U		<0.52	U		<4.1	U	
		VMP-15-21.5-113010	11/30/2010	<0.68	U		<1.1	U		<1.1	U		<0.47	U		<0.6	U		<4.8	U	
		VMP-15-21.5-021611	2/16/2011	<0.48	U		<0.77	U		<0.76	U		<0.33	U		<0.42	U		<3.3	U	
		VMP-15-21.5-042011	4/20/2011	<7.5	U		<1.2	U		<1.2	U		<0.52	U		<0.66	U		<5.2	U	
		VMP-15-21.5-080811	8/8/2011	<0.6	U		<0.97	U		<0.96	U		<0.42	U		0.1	J		<4.2	U	
		VMP-15-21.5-111511	11/15/2011	<0.48	U		<0.77	U		<0.76	U		<0.33	U		<0.42	U		<3.3	U	
		VMP-15-21.5-020112	2/1/2012	<0.36	U		<0.58	U		<0.57	U		<0.25	U		<0.32	U		<2.5	U	UJ
		VMP-15-21.5-042412	4/24/2012	<0.16	U		<0.25	U		<0.25	U		<0.11	U		<0.14	U		<1.1	U	
		VMP-15-21.5-072512	7/25/2012	<0.56	U		<0.91	U		<0.9	U		<0.39	U		0.14	J		<3.9	U	
		VMP-15-21.5-102512	10/25/2012	<0.92	U		<1.5	U		<1.5	U		<0.64	U		<0.82	U		<6.4	U	UJ
		VMP-15-21.5-102512-Dup	10/25/2012	<0.95	U		<1.5	U		<1.5	U		<0.66	U		<0.84	U		<6.6	U	UJ
		VMP-15-21.5-020713	2/7/2013	<0.023	U		<0.038	U		<0.037	U		<0.016	U		0.0057	J		<0.16	U	
		VMP-15-21.5-051513	5/15/2013	<0.53	U		<0.85	U		<0.84	U		<0.36	U		1			<3.7	U	
	25.5 ft	VMP-15-25.5	11/18/2009	<2.5	U		<4.1	U		<4	U		<1.8	U		<2.2	U		<18	U	
		VMP 15-25.5-091410	9/14/2010	<0.0055	U		<0.0088	U		<0.0088	U		0.0033	J		0.0011	J		<0.038	U	
		VMP-15-25.5-021611	2/16/2011	<0.073	U		<0.12	U		<0.12	U		<0.051	U		<0.065	U		<0.51	U	
		VMP-15-25.5-042011	4/20/2011	<0.6	U		<0.097	U		<0.096	U		<0.042	U		<0.053	U		<0.42	U	
		VMP-15-25.5-042011-DUP	4/20/2011	<0.56	U		<0.091	U		<0.09	U		<0.039	U		<0.05	U		<0.39	U	
		VMP-15-25.5-080811	8/8/2011	<0.06	U		<0.097	U		<0.096	U		<0.042	U		0.022	J		<0.42	U	
		VMP-15-25.5-111511	11/15/2011	<0.018	U		<0.03	U		<0.029	U		<0.013	U		0.015	J		<0.13	U	
		VMP-15-25.5-073112	7/31/2012	<0.039	U		<0.063	U		<0.062	U		<0.027	U		0.051			<0.27	U	
		VMP-15-25.5-102512	10/25/2012	0.00064	J		<0.01	U		<0.01	U		0.0014	J		0.011			<0.11	U	UJ
		VMP-15-25.5-021213	2/12/2013	<0.19	U		<0.31	U		<0.3	U		<0.13	U		<0.17	U		<1.3	U	
		VMP-15-25.5-050913	5/9/2013	<2.6	U		<4.1	U		<4.1	U		<1.8	U		<2.3	U		<18	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl			1,1,2-Trichloroethane			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene		
				41000			170000			12			5600								
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-15	29 ft	VMP-14-29	11/16/2009	<250	U		<250	U		<250	U		<260	U		<230	U		<230	U	
		VMP-14-29-021811	2/18/2011	<180	U		<180	U		<170	U		<180	U		<160	U		<160	U	
		VMP-14-29-040511	4/5/2011	<150	U		<150	U		<150	U		<160	U		<140	U		<140	U	
		VMP-14-29-012612	1/26/2012	<170	U		<170	U		<170	U		<180	U		<620	U		<150	U	
		VMP-14-29-042312	4/23/2012	<61	U		<61	U		<60	U		<63	U		<55	U		<55	U	
		VMP-14-29-072512	7/25/2012	<64	U		<64	U		<63	U		<66	U		<58	U		<58	U	
		VMP-14-29-101612	10/16/2012	<96	U		<96	U		<94	U		<99	U		<86	U		<86	U	
		VMP-14-29-013113-DUP	1/31/2013	<130	U		<130	U		<130	U		<130	U		<120	U		<120	U	
		VMP-14-29-013113	1/31/2013	<54	U		<54	U		<53	U		<55	U		<48	U		<48	U	
		VMP-14-29-050213	5/2/2013	<54	U		<54	U		<53	U		<56	U		<49	U		<49	U	
	5 ft	VMP-15-5	11/18/2009	<0.006	U		<0.006	U		<0.006	U		<0.007	U		<0.006	U		<0.006	U	
		VMP-15-5-D	11/18/2009	<0.006	U		<0.006	U		<0.006	U		<0.007	U		<0.006	U		<0.006	U	
		VMP 15-5-091410	9/14/2010	<0.0069	U		<0.0069	U		<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U	
		VMP-15-5-113010	11/30/2010	<0.16	U		<0.16	U		<0.16	U		<0.17	U		<0.15	U		<0.15	U	
		VMP-15-5-021611	2/16/2011	<0.15	U		<0.15	U		<0.15	U		<0.16	U		0.017	J		<0.14	U	
		VMP-15-5-042011	4/20/2011	<0.36	U		<0.36	U		<0.35	U		<0.37	U		<0.32	U		<0.32	U	
		VMP-15-5-080811	8/8/2011	<0.0081	U		<0.0081	U		<0.008	U		0.0015	J		0.0034	J		<0.0073	J	U
		VMP-15-5-111511	11/15/2011	<0.009	U		<0.009	U		<0.0089	U		<0.0093	U		0.0018	J		<0.0082	U	
		VMP-15-5-020112	2/1/2012	<0.047	U		<0.047	U		<0.046	U		<0.048	U		0.013	J	J	<0.042	U	
		VMP-15-5-042412	4/24/2012	<0.048	U		<0.048	U		<0.047	U		<0.049	U		<0.043	U		<0.043	U	
		VMP-15-5-072512	7/25/2012	<0.0054	U		<0.0054	U		<0.0053	U		0.0016	J		0.0039	J		0.0018	J	
		VMP-15-5-102512	10/25/2012	<0.0081	U		<0.0081	U		<0.008	U		<0.0083	U		<0.0073	J	U	<0.0073	U	
		VMP-15-5-020513	2/5/2013	<0.0079	U		<0.0079	U		<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U	
		VMP-15-5-050913	5/9/2013	<0.0086	U		<0.0086	U		<0.0085	U		<0.0089	U		<0.0078	U		<0.0078	U	
	21.5 ft	VMP-15-21.5	11/18/2009	<3.1	U		<3.1	U		<3.1	U		<3.2	U		<2.8	U		<2.8	U	
		VMP 15-21.5-091410	9/14/2010	<0.75	U		<0.75	U		<0.74	U		<0.77	U		<0.67	U		<0.67	U	
		VMP-15-21.5-113010	11/30/2010	<0.88	U		<0.88	U		<0.86	U		<0.9	U		<0.79	U		<0.79	U	
		VMP-15-21.5-021611	2/16/2011	<0.61	U		<0.61	U		<0.6	U		<0.63	U		<0.55	U		<0.55	U	
		VMP-15-21.5-042011	4/20/2011	<0.96	U		<0.96	U		<0.94	U		<0.99	U		<0.86	U		<0.86	U	
		VMP-15-21.5-080811	8/8/2011	<0.77	U		<0.77	U		<0.76	U		<0.79	U		<0.69	U		<0.69	U	
		VMP-15-21.5-111511	11/15/2011	<0.61	U		<0.61	U		<0.6	U		<0.63	U		<0.55	U		<0.55	U	
		VMP-15-21.5-020112	2/1/2012	<0.46	U		<0.46	U		<0.45	U		<0.47	U		<1.6	U	UJ	<0.41	U	
		VMP-15-21.5-042412	4/24/2012	<0.2	U		<0.2	U		<0.2	U		<0.2	U		<0.18	U		<0.18	U	
		VMP-15-21.5-072512	7/25/2012	<0.72	U		<0.72	U		<0.71	U		<0.74	U		<0.65	U		<0.65	U	
		VMP-15-21.5-102512	10/25/2012	<1.2	U		<1.2	U		0.28	J		<1.2	U		<1.1	U		<1.1	U	
		VMP-15-21.5-102512-Dup	10/25/2012	<1.2	U		<1.2	U		0.28	J		<1.2	U		<1.1	U		<1.1	U	
		VMP-15-21.5-020713	2/7/2013	<0.03	U		<0.03	U		<0.03	U		<0.031	U		<0.027	U		<0.027	U	
		VMP-15-21.5-051513	5/15/2013	<0.68	U		<0.68	U		<0.67	U		<0.7	U		<0.61	U		<0.61	U	
	25.5 ft	VMP-15-25.5	11/18/2009	<3.2	U		<3.2	U		<3.2	U		<3.3	U		<2.9	U		<2.9	U	
		VMP 15-25.5-091410	9/14/2010	<0.007	U		<0.007	U		<0.0069	U		0.001	J		<0.0063	U		<0.0063	U	
		VMP-15-25.5-021611	2/16/2011	<0.094	U		<0.094	U		<0.092	U		<0.097	U		<0.084	U		<0.084	U	
		VMP-15-25.5-042011	4/20/2011	<0.077	U		<0.077	U		<0.076	U		<0.079	U		<0.069	U		<0.069	U	
		VMP-15-25.5-042011-DUP	4/20/2011	<0.072	U		<0.072	U		<0.071	U		<0.074	U		<0.065	U		<0.065	U	
		VMP-15-25.5-080811	8/8/2011	<0.077	U		<0.077	U		<0.076	U		<0.079	U		0.0099	J		<0.069	U	
		VMP-15-25.5-111511	11/15/2011	<0.024	U		<0.024	U		<0.023	U		<0.024	U		<0.021	U		<0.021	U	
		VMP-15-25.5-073112	7/31/2012	<0.05	U		<0.05	U		<0.049	U		<0.051	U		<0.045	U		<0.045	U	
		VMP-15-25.5-102512	10/25/2012	<0.0081	U		<0.0081	U		<0.008	U		<0.0083	U		0.0029	J		0.0015	J	
		VMP-15-25.5-021213	2/12/2013	<0.24	U		<0.24	U		<0.24	U		<0.25	U		0.054	J		<0.22	U	
		VMP-15-25.5-050913	5/9/2013	<3.3	U		<3.3	U		<3.2	U		<3.4	U		<2.9	U		<2.9	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylene			o-Xylenes		
							4.8			820			790		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-15	29 ft	VMP-14-29	11/16/2009	370			<120	U		<200	U		<200	U	
		VMP-14-29-021811	2/18/2011	320			<82	U		<140	U		<140	U	
		VMP-14-29-040511	4/5/2011	280			<70	U		<120	U		<120	U	
		VMP-14-29-012612	1/26/2012	330			<80	U		<140	U		<140	U	
		VMP-14-29-042312	4/23/2012	260			<29	U		<49	U		<49	U	
		VMP-14-29-072512	7/25/2012	260			<30	U		<51	U		<51	U	
		VMP-14-29-101612	10/16/2012	140			<45	U		31	J		<76	U	
		VMP-14-29-013113-DUP	1/31/2013	160		J	<60	U		<100	U	UJ	<100	U	
		VMP-14-29-013113	1/31/2013	470		J	<25	U		19	J	J	<43	U	
		VMP-14-29-050213	5/2/2013	560			<25	U		19	J		<43	U	
	5 ft	VMP-15-5	11/18/2009	<0.005	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-15-5-D	11/18/2009	<0.005	U		<0.003	U		<0.005	U		<0.005	U	
		VMP 15-5-091410	9/14/2010	0.028			<0.0032	U		0.0011	J		<0.0055	U	
		VMP-15-5-113010	11/30/2010	56			<0.076	U		<0.13	U		<0.13	U	
		VMP-15-5-021611	2/16/2011	39			<0.072	U		0.023	J		<0.12	U	
		VMP-15-5-042011	4/20/2011	65			<0.17	U		<0.29	U		<0.29	U	
		VMP-15-5-080811	8/8/2011	0.0031	J		<0.0038	U		0.004	J		0.0016	J	
		VMP-15-5-111511	11/15/2011	0.096			<0.0042	U		0.005	J		0.0011	J	
		VMP-15-5-020112	2/1/2012	0.026	J		<0.022	U		0.0099	J		<0.037	U	
		VMP-15-5-042412	4/24/2012	0.18			<0.022	U		<0.038	U		<0.038	U	
		VMP-15-5-072512	7/25/2012	0.0012	J		<0.0025	U		0.0085			0.0039	J	
		VMP-15-5-102512	10/25/2012	0.019			<0.0038	U		0.0041	J		0.0015	J	
		VMP-15-5-020513	2/5/2013	0.0062	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-15-5-050913	5/9/2013	0.0028	J		<0.004	U		<0.0069	U		<0.0069	U	
	21.5 ft	VMP-15-21.5	11/18/2009	1000			<1.4	U		<2.5	U		<2.5	U	
		VMP 15-21.5-091410	9/14/2010	300			<0.35	U		<0.59	U		<0.59	U	
		VMP-15-21.5-113010	11/30/2010	440			<0.41	U		<0.7	U		<0.7	U	
		VMP-15-21.5-021611	2/16/2011	430			<0.29	U		<0.49	U		<0.49	U	
		VMP-15-21.5-042011	4/20/2011	580			<0.45	U		<0.76	U		<0.76	U	
		VMP-15-21.5-080811	8/8/2011	310			<0.36	U		<0.61	U		<0.61	U	
		VMP-15-21.5-111511	11/15/2011	170			<0.29	U		<0.49	U		<0.49	U	
		VMP-15-21.5-020112	2/1/2012	320		J	<0.21	U		<0.36	U		<0.36	U	
		VMP-15-21.5-042412	4/24/2012	210			<0.094	U		<0.16	U		<0.16	U	
		VMP-15-21.5-072512	7/25/2012	260			<0.34	U		<0.58	U		<0.58	U	
		VMP-15-21.5-102512	10/25/2012	110			<0.55	U		<0.94	U		<0.94	U	
		VMP-15-21.5-102512-Dup	10/25/2012	110			<0.57	U		<0.97	U		<0.97	U	
		VMP-15-21.5-020713	2/7/2013	6.4			<0.014	U		<0.024	U		<0.024	U	
		VMP-15-21.5-051513	5/15/2013	200			<0.32	U		2			0.7		
	25.5 ft	VMP-15-25.5	11/18/2009	850			<1.5	U		<2.6	U		<2.6	U	
		VMP 15-25.5-091410	9/14/2010	0.17			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-15-25.5-021611	2/16/2011	29			<0.044	U		<0.075	U		<0.075	U	
		VMP-15-25.5-042011	4/20/2011	1.2		J	<0.036	U		<0.061	U		<0.061	U	
		VMP-15-25.5-042011-DUP	4/20/2011	1.6		J	<0.034	U		<0.057	U		<0.057	U	
		VMP-15-25.5-080811	8/8/2011	17			<0.036	U		0.016	J		<0.061	U	
		VMP-15-25.5-111511	11/15/2011	3			<0.011	U		0.0054	J		<0.019	U	
		VMP-15-25.5-073112	7/31/2012	29			<0.023	U		0.011	J		0.0058	J	
		VMP-15-25.5-102512	10/25/2012	1.9			<0.0038	U		0.004	J		<0.0064	U	
		VMP-15-25.5-021213	2/12/2013	140			<0.11	U		0.074	J		0.038	J	
		VMP-15-25.5-050913	5/9/2013	480			<1.5	U		<2.6	U		<2.6	U	

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CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Acetone			alpha-Chlorotoluene			Benzene			Bromodichloromethane			Bromoform		
				750000						2.8			450000			52		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-16	29 ft	VMP-15-29	11/19/2009	<7.1	U		<3.8	U		30			<5	U		<7.7	U	
		VMP-15-29-073112	7/31/2012	0.1	J	J	<0.2	U		0.17		J	<0.26	U		<0.4	U	
		VMP-15-29-102512	10/25/2012	<0.073	U		<0.016	U		0.026			<0.021	U		<0.032	U	
		VMP-15-29-021213	2/12/2013	0.26			<0.14	U		<0.086	U		<0.18	U		<0.28	U	
		VMP-15-29-050913	5/9/2013	11		J	<1.5	U		<0.94	U		<2	U		<3	U	
	5 ft	VMP-16-5	11/20/2009	<0.16	U		<0.087	U		0.13			<0.11	U		<0.17	U	
		VMP-16-5-090210	9/2/2010	<23	U		<12	U		17			<16	U		<25	U	
		VMP-16-5-112910	11/29/2010	<10	U		<5.6	U		16		J	<7.3	U		<11	U	
		VMP-16-5-021511	2/15/2011	<6.3	U		<3.4	U		10		J	<4.4	U		<6.8	U	
		VMP-16-5-042211	4/22/2011	<8.4	U		<4.6	U		7			<5.9	U		<9.1	U	
		VMP-16-5-080511	8/5/2011	0.5	J		<1.4	U		2.9			<1.9	U		<2.9	U	
		VMP-16-5-042512	4/25/2012	<9.1	U		<20	U		6			<6.4	U		<9.9	U	
		VMP-16-5-073012	7/30/2012	<8.5	U		<4.6	U		8.8		J	<6	U		<9.2	U	
		VMP-16-5-102512	10/25/2012	<6.7	U		<3.6	U		0.63	J		<4.7	U		<7.3	U	
		VMP-16-5-021413	2/14/2013	<1	U		<0.57	U		0.17	J	J	<0.74	U		<1.1	U	
		VMP-16-5-042313	4/23/2013	<2	U		<1.1	U		0.48	J		<1.4	U		<2.2	U	
	13.5 ft	VMP-16-13.5	11/19/2009	<0.71	U		<0.38	U		0.69			<0.5	U		<0.77	U	
		VMP-16-13.5-090210	9/2/2010	3.6	J		<13	U		17			<16	U		<26	U	
		VMP-16-13.5-090210-DUP	9/2/2010	<23	U		<13	U		16			<16	U		<26	U	
		VMP-16-13.5-112910	11/29/2010	<66	U		<36	U		21	J		<47	U		<72	U	
		VMP-16-13.5-021611	2/16/2011	<13	U		<7	U		7.1			<9	U		<14	U	
		VMP-16-13.5-021611-DUP	2/16/2011	<12	U		<6.8	U		9.3			<8.8	U		<14	U	
		VMP-16-13.5-042211	4/22/2011	<13	U		<7.4	U		8.3			<9.5	U		<15	U	
		VMP-16-13.5-080511	8/5/2011	<1.3	U	UJ	<0.71	U	UJ	0.54		J	<0.92	U	UJ	<1.4	U	UJ
		VMP-16-13.5-042512	4/25/2012	<1.4	U		<3.2	U		7.6		J	<1	U		<1.6	U	
		VMP-16-13.5-073012	7/30/2012	9.8	J		<24	U		27			<31	U		<47	U	
		VMP-16-13.5-102512	10/25/2012	20	J		<73	U		22	J		<94	U		<140	U	
		VMP-16-13.5-021413	2/14/2013	5.3	J	J	<12	U		21		J	<15	U		<23	U	
		VMP-16-13.5-042313	4/23/2013	<6.1	U		<3.3	U		13			<4.3	U		<6.7	U	
	19 ft	VMP-16-19	11/19/2009	<6.1	U		<3.3	U		4.6			<4.3	U		<6.7	U	
		VMP-16-19-090210	9/2/2010	<23	U		<13	U		27			<16	U		<26	U	
		VMP-16-19-112910	11/29/2010	<51	U		<28	U		20			<36	U		<56	U	
		VMP-16-19-021611	2/16/2011	<12	U		<6.7	U		7.7			<8.6	U		<13	U	
		VMP-16-19-042711	4/27/2011	<12	U		<6.8	U		3.7	J		<8.8	U		<14	U	
		VMP-16-19-042711-DUP	4/27/2011	<12	U		<6.7	U		3.1	J		<8.6	U		<13	U	
		VMP-16-19-042512	4/25/2012	5.2	J		<73	U		12			<24	U		<36	U	
		VMP-16-19-073012	7/30/2012	<30	U		<16	U		14			<21	U		<33	U	
		VMP-16-19-102512	10/25/2012	15	J		<68	U		14	J		<88	U		<140	U	
		VMP-16-19-021413	2/14/2013	<12	U		<6.8	U		17		J	<8.8	U		<14	U	
		VMP-16-19-042313	4/23/2013	<11	U		<6.3	U		9.4			<8.1	U		<12	U	
	31 ft	VMP-16-31	11/19/2009	<9.2	U		<5	U		<3.1	U		<6.5	U		<10	U	
		VMP-16-31-D	11/19/2009	<9.2	U		<5	U		<3.1	U		<6.5	U		<10	U	
		VMP-16-31-090310	9/3/2010	0.033			<0.0075	U		0.0064			<0.0097	U		<0.015	U	
		VMP-16-31-112910	11/29/2010	<52	U		<28	U		20			<36	U		<56	U	
		VMP-16-31-042512	4/25/2012	6.7	J		<89	U		15			<29	U		<44	U	
		VMP-16-31-073012	7/30/2012	8.1	J		<18	U		16			<23	U		<36	U	
		VMP-16-31-102512	10/25/2012	<160	U		<85	U		12	J		<110	U		<170	U	
		VMP-16-31-021813	2/18/2013	<47	U		<26	U		29			<33	U		<52	U	
		VMP-16-31-042313	4/23/2013	<30	U		<16	U		15			<21	U		<33	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Bromomethane			1,3-Butadiene			Butane			2-Butanone			Carbon disulfide			Carbon tetrachloride		
				42									40000			5300			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-16	29 ft	VMP-15-29	11/19/2009	<2.9	U		<1.6	U					<2.2	U		<2.3	U		<4.7	U	
		VMP-15-29-073112	7/31/2012	<0.15	U		<0.087	U		5.8		J	<0.46	U		<0.12	U		<0.25	U	
		VMP-15-29-102512	10/25/2012	<0.12	U		<0.0068	U		0.28			0.033	J		<0.038	U		<0.019	U	
		VMP-15-29-021213	2/12/2013	<0.1	U		<0.06	U		2			<0.32	U		<0.084	U		<0.17	U	
		VMP-15-29-050913	5/9/2013	<11	U		<0.65	U		11			<3.5	U		<3.7	U		<1.8	U	
	5 ft	VMP-16-5	11/20/2009	<0.065	U		<0.037	U					<0.05	U		<0.052	U		<0.11	U	
		VMP-16-5-090210	9/2/2010	<9.2	U		<5.3	U					<7	U		<7.4	U		<15	U	
		VMP-16-5-112910	11/29/2010	<4.2	U		<2.4	U					<3.2	U		<3.4	U		<6.8	U	
		VMP-16-5-021511	2/15/2011	<2.6	U		<1.5	U					<1.9	U		<2	U		<4.2	U	
		VMP-16-5-042211	4/22/2011	<3.4	U		<1.9	U		260			<10	U		<2.7	U		<5.5	U	
		VMP-16-5-080511	8/5/2011	<1.1	U		<0.62	U		39			<3.3	U		<0.88	U		<1.8	U	
		VMP-16-5-042512	4/25/2012	<3.7	U		<2.1	U		140			<11	U		<3	U		<6	U	
		VMP-16-5-073012	7/30/2012	<3.5	U		<2	U		58		J	<10	U		<2.8	U		<5.6	U	
		VMP-16-5-102512	10/25/2012	<2.7	U		<1.6	U		4	J		<8.3	U		<2.2	U		<4.4	U	
		VMP-16-5-021413	2/14/2013	<0.43	U		<0.24	U		<1	U		<1.3	U		<0.34	U		<0.69	U	
		VMP-16-5-042313	4/23/2013	<0.82	U		<0.47	U		1.1	J		<2.5	U		<0.66	U		<1.3	U	
	13.5 ft	VMP-16-13.5	11/19/2009	<0.29	U		<0.16	U					<0.22	U		<0.23	U		<0.47	U	
		VMP-16-13.5-090210	9/2/2010	<9.6	U		<5.5	U					<7.3	U		<7.7	U		<16	U	
		VMP-16-13.5-090210-DUP	9/2/2010	<9.6	U		<5.5	U					<7.3	U		<7.7	U		<16	U	
		VMP-16-13.5-112910	11/29/2010	<27	U		<15	U					<21	U		<22	U		<44	U	
		VMP-16-13.5-021611	2/16/2011	<5.2	U		<3	U					<4	U		<4.2	U		<8.5	U	
		VMP-16-13.5-021611-DUP	2/16/2011	<5.1	U		<2.9	U					<3.9	U		<4.1	U		<8.3	U	
		VMP-16-13.5-042211	4/22/2011	<5.5	U		<3.1	U		320			<17	U		<4.4	U		<8.9	U	
		VMP-16-13.5-080511	8/5/2011	<0.54	U	UJ	<0.3	U	UJ	14		J	<1.6	U	UJ	<0.43	U	UJ	<0.87	U	UJ
		VMP-16-13.5-042512	4/25/2012	<0.59	U		<0.34	U		360			<1.8	U		<0.47	U		<0.96	U	
		VMP-16-13.5-073012	7/30/2012	<18	U		<10	U		180			<54	U		2.4	J		<29	U	
		VMP-16-13.5-102512	10/25/2012	<55	U		<31	U		77	J		<170	U		14	J		<89	U	
		VMP-16-13.5-021413	2/14/2013	<8.7	U		<5	U		92		J	<26	U		2.3	J	J	<14	U	
		VMP-16-13.5-042313	4/23/2013	<2.5	U		<1.4	U		200			<7.6	U		<2	U		<4	U	
	19 ft	VMP-16-19	11/19/2009	<2.5	U		<1.4	U					<1.9	U		<2	U		<4	U	
		VMP-16-19-090210	9/2/2010	<9.6	U		<5.5	U					<7.3	U		<7.7	U		<16	U	
		VMP-16-19-112910	11/29/2010	<21	U		<12	U					<16	U		<17	U		<34	U	
		VMP-16-19-021611	2/16/2011	<5	U		<2.8	U					<3.8	U		<4	U		<8.1	U	
		VMP-16-19-042711	4/27/2011	<5.1	U		<2.9	U		150			<16	U		<4.1	U		<8.3	U	
		VMP-16-19-042711-DUP	4/27/2011	<5	U		<2.8	U		160			<15	U		<4	U		<8.1	U	
		VMP-16-19-042512	4/25/2012	<14	U		<7.8	U		390			<42	U		<11	U		<22	U	
		VMP-16-19-073012	7/30/2012	<12	U		<7	U		230			<37	U		1.5	J		<20	U	
		VMP-16-19-102512	10/25/2012	<51	U		<29	U		130			<160	U		14	J		<83	U	
		VMP-16-19-021413	2/14/2013	<5.1	U		<2.9	U		240		J	<16	U		<4.1	U		<8.3	U	
		VMP-16-19-042313	4/23/2013	<4.7	U		<2.7	U		200			<14	U		<3.8	U		<7.6	U	
	31 ft	VMP-16-31	11/19/2009	<3.8	U		<2.1	U					<2.9	U		<3	U		<6.1	U	
		VMP-16-31-D	11/19/2009	<3.8	U		<2.1	U					<2.9	U		<3	U		<6.1	U	
		VMP-16-31-090310	9/3/2010	0.0019	J		<0.0032	U					0.0056			0.0036	J		<0.0091	U	
		VMP-16-31-112910	11/29/2010	<21	U		<12	U					<16	U		<17	U		<34	U	
		VMP-16-31-042512	4/25/2012	<17	U		<9.5	U		470			<51	U		<13	U		<27	U	
		VMP-16-31-073012	7/30/2012	<14	U		<7.7	U		320			<41	U		3.9	J		<22	U	
		VMP-16-31-102512	10/25/2012	<64	U		<36	U		150	J		<190	U		7.8	J		<100	U	
		VMP-16-31-021813	2/18/2013	<19	U		<11	U		290			<59	U		<16	U		<31	U	
		VMP-16-31-042313	4/23/2013	<12	U		<7	U		290			<37	U		<9.8	U		<20	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			Cyclohexane		
				420			57000						0.92								
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-16	29 ft	VMP-15-29	11/19/2009	<3.4	U		<6.3	U		<2	U		<3.6	U		<6.2	U		640		
		VMP-15-29-073112	7/31/2012	<0.18	U		<0.33	U		<0.41	U		<0.19	U		<0.32	U		1		J
		VMP-15-29-102512	10/25/2012	<0.014	U		<0.026	U		<0.033	U		<0.015	U		<0.064	U		0.083		
		VMP-15-29-021213	2/12/2013	<0.12	U		<0.23	U		<0.28	U		<0.13	U		<0.22	U		<0.092	U	
		VMP-15-29-050913	5/9/2013	<1.4	U		<2.5	U		<3.1	U		<1.4	U		<6.1	U		2.6		
	5 ft	VMP-16-5	11/20/2009	<0.078	U		<0.14	U		<0.044	U		<0.082	U		<0.14	U		<0.058	U	
		VMP-16-5-090210	9/2/2010	<11	U		<20	U		<6.3	U		<12	U		<20	U		160		
		VMP-16-5-112910	11/29/2010	<5	U		<9.3	U		2.4	J	J	<5.3	U		<9	UJ	UJ	150		J
		VMP-16-5-021511	2/15/2011	<3	U		<5.6	U		<1.7	U		<3.2	U		<5.4	U		99		J
		VMP-16-5-042211	4/22/2011	<4	U		<7.5	U		<9.3	U		<4.3	U		<7.3	U		100		
		VMP-16-5-080511	8/5/2011	<1.3	U		<2.4	U		<3	U		<1.4	U		<2.3	U		22		
		VMP-16-5-042512	4/25/2012	<4.4	U		<8.1	U		<10	U		<4.7	U		<7.9	U		67		
		VMP-16-5-073012	7/30/2012	<4.1	U		<7.6	U		<9.4	U		<4.4	U		<7.4	U		77		J
		VMP-16-5-102512	10/25/2012	<3.2	U		<6	U		<7.4	U		<3.4	U		<5.8	U		4.9		
		VMP-16-5-021413	2/14/2013	<0.51	U		<0.94	U		<1.2	U		<0.54	U		<0.91	U		0.24	J	J
		VMP-16-5-042313	4/23/2013	<0.97	U		<1.8	U		<2.2	U		<1	U		<1.7	U		1.2		
	13.5 ft	VMP-16-13.5	11/19/2009	<0.34	U		<0.63	U		<0.2	U		<0.36	U		<0.62	U		1		
		VMP-16-13.5-090210	9/2/2010	<11	U		<21	U		<6.5	U		<12	U		<20	U		150		
		VMP-16-13.5-090210-DUP	9/2/2010	<11	U		<21	U		<6.5	U		<12	U		<20	U		140		
		VMP-16-13.5-112910	11/29/2010	<32	U		<60	U		<18	U		<34	U		<58	UJ	UJ	180		
		VMP-16-13.5-021611	2/16/2011	<6.2	U		<11	U		<3.5	U		<6.6	U		<11	U		78		
		VMP-16-13.5-021611-DUP	2/16/2011	<6.1	U		<11	U		<3.5	U		<6.4	U		<11	U		84		
		VMP-16-13.5-042211	4/22/2011	<6.5	U		<12	U		<15	U		<6.9	U		<12	U		120		
		VMP-16-13.5-080511	8/5/2011	<0.64	U	UJ	<1.2	U	UJ	<1.4	U	UJ	<0.67	U	UJ	<1.1	U	UJ	6.4		J
		VMP-16-13.5-042512	4/25/2012	<0.7	U		<1.3	U		<1.6	U		<0.74	U		<1.2	U		150		J
		VMP-16-13.5-073012	7/30/2012	<21	U		<39	U		<48	U		<22	U		<38	U		170		
		VMP-16-13.5-102512	10/25/2012	<65	U		<120	U		<150	U		<69	U		<120	U		140		
		VMP-16-13.5-021413	2/14/2013	<10	U		<19	U		<24	U		<11	U		<18	U		130		J
		VMP-16-13.5-042313	4/23/2013	<3	U		<5.5	U		<6.8	U		<3.1	U		<5.3	U		100		
	19 ft	VMP-16-19	11/19/2009	<3	U		<5.5	U		<1.7	U		<3.1	U		<5.3	U		8.2		
		VMP-16-19-090210	9/2/2010	<11	U		<21	U		<6.5	U		<12	U		<20	U		190		
		VMP-16-19-112910	11/29/2010	<25	U		<46	U		<14	U		<26	U		<45	UJ	UJ	170		
		VMP-16-19-021611	2/16/2011	<5.9	U		<11	U		<3.4	U		<6.3	U		<11	U		80		
		VMP-16-19-042711	4/27/2011	<6.1	U		<11	U		<14	U		<6.4	U		<11	U		64		
		VMP-16-19-042711-DUP	4/27/2011	<5.9	U		<11	U		<14	U		<6.3	U		<11	U		64		
		VMP-16-19-042512	4/25/2012	<16	U		<30	U		<37	U		<17	U		<29	U		160		
		VMP-16-19-073012	7/30/2012	<14	U		<27	U		<33	U		<15	U		<26	U		150		
		VMP-16-19-102512	10/25/2012	<61	U		<110	U		<140	U		<64	U		<110	U		170		
		VMP-16-19-021413	2/14/2013	<6.1	U		<11	U		<14	U		<6.4	U		<11	U		210		J
		VMP-16-19-042313	4/23/2013	<5.6	U		<10	U		<13	U		<5.9	U		<10	U		130		
	31 ft	VMP-16-31	11/19/2009	<4.5	U		<8.3	U		<2.6	U		<4.7	U		<8	U		15		J
		VMP-16-31-D	11/19/2009	<4.5	U		<8.3	U		<2.6	U		<4.7	U		<8	U		<3.3	U	UJ
		VMP-16-31-090310	9/3/2010	<0.0066	U		<0.012	U		<0.0038	U		<0.007	U		<0.012	U		0.049		
		VMP-16-31-112910	11/29/2010	<25	U		<46	U		<14	U		<27	U		<45	UJ	UJ	170		
		VMP-16-31-042512	4/25/2012	<20	U		<36	U		<45	U		<21	U		<35	U		210		
		VMP-16-31-073012	7/30/2012	<16	U		<30	U		<37	U		<17	U		<29	U		200		
		VMP-16-31-102512	10/25/2012	<76	U		<140	U		<170	U		<80	U		<140	U		170		
		VMP-16-31-021813	2/18/2013	<23	U		<42	U		<53	U		<24	U		<41	U		260		
		VMP-16-31-042313	4/23/2013	<14	U		<27	U		<33	U		<15	U		<26	U		250		

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CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane		
				0.06			1700						6800						4200		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-16	29 ft	VMP-15-29	11/19/2009	<5.7	U		<4.5	U		<4.5	U		<4.5	U		<3.7	U		<3	U	
		VMP-15-29-073112	7/31/2012	<0.3	U		<0.24	U		<0.24	U		<0.24	U		<0.19	U		<0.16	U	
		VMP-15-29-102512	10/25/2012	<0.024	U		<0.018	U		<0.018	U		<0.018	U		<0.015	U		<0.012	U	
		VMP-15-29-021213	2/12/2013	<0.21	U		<0.16	U		<0.16	U		<0.16	U		<0.13	U		<0.11	U	
		VMP-15-29-050913	5/9/2013	<2.3	U		<1.8	U		<1.8	U		<1.8	U		<1.4	U		<1.2	U	
	5 ft	VMP-16-5	11/20/2009	<0.13	U		<0.1	U		<0.1	U		<0.1	U		<0.083	U		<0.068	U	
		VMP-16-5-090210	9/2/2010	<18	U		<14	U		<14	U		<14	U		<12	U		<9.6	U	
		VMP-16-5-112910	11/29/2010	<8.4	U		<6.6	U		<6.6	U		<6.6	U		<5.4	U		<4.4	U	
		VMP-16-5-021511	2/15/2011	<5.1	U		<4	U		<4	U		<4	U		<3.3	U		<2.7	U	
		VMP-16-5-042211	4/22/2011	<6.8	U		<5.3	U		<5.3	U		<5.3	U		<4.4	U		<3.6	U	
		VMP-16-5-080511	8/5/2011	<2.2	U		<1.7	U		<1.7	U		<1.7	U		<1.4	U		<1.1	U	
		VMP-16-5-042512	4/25/2012	<7.3	U		<5.7	U		<5.7	U		<5.7	U		<4.7	U		<3.9	U	
		VMP-16-5-073012	7/30/2012	<6.9	U		<5.4	U		<5.4	U		<5.4	U		<4.4	U		<3.6	U	
		VMP-16-5-102512	10/25/2012	<5.4	U		<4.2	U		<4.2	U		<4.2	U		<3.5	U		<2.8	U	
		VMP-16-5-021413	2/14/2013	<0.84	U		<0.66	U		<0.66	U		<0.66	U		<0.54	U		<0.44	U	
		VMP-16-5-042313	4/23/2013	<1.6	U		<1.3	U		<1.3	U		<1.3	U		<1	U		<0.86	U	
	13.5 ft	VMP-16-13.5	11/19/2009	<0.57	U		<0.45	U		<0.45	U		<0.45	U		<0.37	U		<0.3	U	
		VMP-16-13.5-090210	9/2/2010	<19	U		<15	U		<15	U		<15	U		<12	U		<10	U	
		VMP-16-13.5-090210-DUP	9/2/2010	<19	U		<15	U		<15	U		<15	U		<12	U		<10	U	
		VMP-16-13.5-112910	11/29/2010	<54	U		<42	U		<42	U		<42	U		<35	U		<28	U	
		VMP-16-13.5-021611	2/16/2011	<10	U		<8.1	U		<8.1	U		<8.1	U		<6.6	U		<5.4	U	
		VMP-16-13.5-021611-DUP	2/16/2011	<10	U		<7.9	U		<7.9	U		<7.9	U		<6.5	U		<5.3	U	
		VMP-16-13.5-042211	4/22/2011	<11	U		<8.5	U		<8.5	U		<8.5	U		<7	U		<5.7	U	
		VMP-16-13.5-080511	8/5/2011	<1.1	U	UJ	<0.83	U	UJ	<0.83	U	UJ	<0.83	U	UJ	<0.68	U	UJ	<0.56	U	UJ
		VMP-16-13.5-042512	4/25/2012	<1.2	U		<0.92	U		<0.92	U		<0.92	U		<0.75	U		<0.62	U	
		VMP-16-13.5-073012	7/30/2012	<35	U		<28	U		<28	U		<28	U		<23	U		<18	U	
		VMP-16-13.5-102512	10/25/2012	<110	U		<85	U		<85	U		<85	U		<70	U		<57	U	
		VMP-16-13.5-021413	2/14/2013	<17	U		<13	U		<13	U		<13	U		<11	U		<9.1	U	
		VMP-16-13.5-042313	4/23/2013	<5	U		<3.9	U		<3.9	U		<3.9	U		<3.2	U		<2.6	U	
	19 ft	VMP-16-19	11/19/2009	<5	U		<3.9	U		<3.9	U		<3.9	U		<3.2	U		<2.6	U	
		VMP-16-19-090210	9/2/2010	<19	U		<15	U		<15	U		<15	U		<12	U		<10	U	
		VMP-16-19-112910	11/29/2010	<41	U		<32	U		<32	U		<32	U		<27	U		<22	U	
		VMP-16-19-021611	2/16/2011	<9.9	U		<7.8	U		<7.8	U		<7.8	U		<6.4	U		<5.2	U	
		VMP-16-19-042711	4/27/2011	<10	U		<7.9	U		<7.9	U		<7.9	U		<6.5	U		<5.3	U	
		VMP-16-19-042711-DUP	4/27/2011	<9.9	U		<7.8	U		<7.8	U		<7.8	U		<6.4	U		<5.2	U	
		VMP-16-19-042512	4/25/2012	<27	U		<21	U		<21	U		<21	U		<17	U		<14	U	
		VMP-16-19-073012	7/30/2012	<24	U		<19	U		<19	U		<19	U		<16	U		<13	U	
		VMP-16-19-102512	10/25/2012	<100	U		<79	U		<79	U		<79	U		<65	U		<53	U	
		VMP-16-19-021413	2/14/2013	<10	U		<7.9	U		<7.9	U		<7.9	U		<6.5	U		<5.3	U	
		VMP-16-19-042313	4/23/2013	<9.3	U		<7.3	U		<7.3	U		<7.3	U		<6	U		<4.9	U	
	31 ft	VMP-16-31	11/19/2009	<7.4	U		<5.8	U		<5.8	U		<5.8	U		<4.8	U		<3.9	U	
		VMP-16-31-D	11/19/2009	<7.4	U		<5.8	U		<5.8	U		<5.8	U		<4.8	U		<3.9	U	
		VMP-16-31-090310	9/3/2010	<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0018	J		<0.0058	U	
		VMP-16-31-112910	11/29/2010	<42	U		<33	U		<33	U		<33	U		<27	U		<22	U	
		VMP-16-31-042512	4/25/2012	<33	U		<26	U		<26	U		<26	U		<21	U		<17	U	
		VMP-16-31-073012	7/30/2012	<27	U		<21	U		<21	U		<21	U		<17	U		<14	U	
		VMP-16-31-102512	10/25/2012	<130	U		<99	U		<99	U		<99	U		<81	U		<66	U	
		VMP-16-31-021813	2/18/2013	<38	U		<30	U		<30	U		<30	U		<25	U		<20	U	
		VMP-16-31-042313	4/23/2013	<24	U		<19	U		<19	U		<19	U		<16	U		<13	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	1,2-Dichloroethane			1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene			1,2-Dichloropropane		
				0.81			1600			1100000			510			45			0.46		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-16	29 ft	VMP-15-29	11/19/2009	<3	U		<3	U		<3	U		<3	U		<2.6	U		<3.4	U	
		VMP-15-29-073112	7/31/2012	<0.16	U		<0.16	U		<0.16	U		<0.16	U		<0.14	U		<0.18	U	
		VMP-15-29-102512	10/25/2012	<0.012	U		<0.012	U		<0.012	U		<0.012	U		<0.11	U		<0.014	U	
		VMP-15-29-021213	2/12/2013	<0.11	U		<0.11	U		<0.11	U		<0.11	U		<0.093	U		<0.12	U	
		VMP-15-29-050913	5/9/2013	<1.2	U		<1.2	U		<1.2	U		<1.2	U		<10	U		<1.4	U	
	5 ft	VMP-16-5	11/20/2009	<0.068	U		<0.067	U		<0.067	U		<0.067	U		<0.058	U		<0.078	U	
		VMP-16-5-090210	9/2/2010	<9.6	U		<9.4	U		<9.4	U		<9.4	U		<8.3	U		<11	U	
		VMP-16-5-112910	11/29/2010	<4.4	U		<4.3	U		<4.3	U		<4.3	U		<3.8	U		<5	U	
		VMP-16-5-021511	2/15/2011	<2.7	U		<2.6	U		<2.6	U		<2.6	U		<2.3	U		<3	U	
		VMP-16-5-042211	4/22/2011	<3.6	U		<3.5	U		<3.5	U		<3.5	U		<3	U		<4.1	U	
		VMP-16-5-080511	8/5/2011	<1.1	U		<1.1	U		<1.1	U		<1.1	U		<0.98	U		<1.3	U	
		VMP-16-5-042512	4/25/2012	<3.9	U		<3.8	U		<3.8	U		<3.8	U		0.82	J		<4.4	U	
		VMP-16-5-073012	7/30/2012	<3.6	U		<3.5	U		<3.5	U		<3.5	U		0.31	J	J	<4.1	U	
		VMP-16-5-102512	10/25/2012	<2.8	U		<2.8	U		<2.8	U		<2.8	U		<2.4	U		<3.2	U	
		VMP-16-5-021413	2/14/2013	<0.44	U		<0.44	U		<0.44	U		<0.44	U		0.24	J	J	3.1		J
		VMP-16-5-042313	4/23/2013	<0.86	U		<0.84	U		<0.84	U		<0.84	U		0.078	J		<0.98	U	
	13.5 ft	VMP-16-13.5	11/19/2009	<0.3	U		<0.3	U		<0.3	U		<0.3	U		<0.26	U		<0.34	U	
		VMP-16-13.5-090210	9/2/2010	<10	U		<9.8	U		<9.8	U		<9.8	U		2.1	J		<11	U	
		VMP-16-13.5-090210-DUP	9/2/2010	<10	U		<9.8	U		<9.8	U		<9.8	U		<8.6	U		<11	U	
		VMP-16-13.5-112910	11/29/2010	<28	U		<28	U		<28	U		<28	U		<24	U		<32	U	
		VMP-16-13.5-021611	2/16/2011	<5.4	U		<5.3	U		<5.3	U		<5.3	U		<4.7	U		<6.2	U	
		VMP-16-13.5-021611-DUP	2/16/2011	<5.3	U		<5.2	U		<5.2	U		<5.2	U		<4.6	U		<6.1	U	
		VMP-16-13.5-042211	4/22/2011	<5.7	U		<5.6	U		<5.6	U		<5.6	U		<4.9	U		<6.6	U	
		VMP-16-13.5-080511	8/5/2011	<0.56	U	UJ	<0.55	U	UJ	<0.55	U	UJ	<0.55	U	UJ	<0.48	U	UJ	<0.64	U	UJ
		VMP-16-13.5-042512	4/25/2012	<0.62	U		<0.6	U		<0.6	U		<0.6	U		<0.53	U		<0.7	U	
		VMP-16-13.5-073012	7/30/2012	<18	U		<18	U		<18	U		<18	U		4.8	J		<21	U	
		VMP-16-13.5-102512	10/25/2012	<57	U		<56	U		<56	U		<56	U		<49	U		<65	U	
		VMP-16-13.5-021413	2/14/2013	<9.1	U		1.7	J	J	<8.9	U		<8.9	U		12		J	48		J
		VMP-16-13.5-042313	4/23/2013	<2.6	U		<2.6	U		<2.6	U		<2.6	U		0.26	J		<3	U	
	19 ft	VMP-16-19	11/19/2009	<2.6	U		<2.6	U		<2.6	U		<2.6	U		<2.2	U		<3	U	
		VMP-16-19-090210	9/2/2010	<10	U		<9.8	U		<9.8	U		<9.8	U		<8.6	U		<11	U	
		VMP-16-19-112910	11/29/2010	<22	U		<21	U		<21	U		<21	U		<19	U		<25	U	
		VMP-16-19-021611	2/16/2011	<5.2	U		<5.1	U		<5.1	U		<5.1	U		<4.5	U		<6	U	
		VMP-16-19-042711	4/27/2011	<5.3	U		<5.2	U		<5.2	U		<5.2	U		1	J		<6.1	U	
		VMP-16-19-042711-DUP	4/27/2011	<5.2	U		<5.1	U		<5.1	U		<5.1	U		0.54	J		<6	U	
		VMP-16-19-042512	4/25/2012	<14	U		<14	U		<14	U		<14	U		2.5	J		<16	U	
		VMP-16-19-073012	7/30/2012	<13	U		<12	U		<12	U		<12	U		1.7	J		<15	U	
		VMP-16-19-102512	10/25/2012	<53	U		<52	U		<52	U		<52	U		<46	U		<61	U	
		VMP-16-19-021413	2/14/2013	<5.3	U		<5.2	U		<5.2	U		<5.2	U		3.4	J	J	21		J
		VMP-16-19-042313	4/23/2013	<4.9	U		<4.8	U		<4.8	U		<4.8	U		0.69	J		<5.6	U	
	31 ft	VMP-16-31	11/19/2009	<3.9	U		<3.8	U		<3.8	U		<3.8	U		<3.4	U		<4.5	U	
		VMP-16-31-D	11/19/2009	<3.9	U		<3.8	U		<3.8	U		<3.8	U		<3.4	U		<4.5	U	
		VMP-16-31-090310	9/3/2010	<0.0058	U		<0.0057	U		<0.0057	U		<0.0057	U		<0.005	U		<0.0067	U	
		VMP-16-31-112910	11/29/2010	<22	U		<22	U		<22	U		<22	U		<19	U		<25	U	
		VMP-16-31-042512	4/25/2012	<17	U		<17	U		<17	U		<17	U		3.4	J		<20	U	
		VMP-16-31-073012	7/30/2012	<14	U		<14	U		<14	U		<14	U		5.2	J		<16	U	
		VMP-16-31-102512	10/25/2012	<66	U		<65	U		<65	U		<65	U		<57	U		<76	U	
		VMP-16-31-021813	2/18/2013	<20	U		<20	U		<20	U		<20	U		12	J		25		
		VMP-16-31-042313	4/23/2013	<13	U		<12	U		<12	U		<12	U		1	J		<15	U	

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Location	Depth	Sample ID	Sample Date	cis-1,3-Dichloropropene 6.2			trans-1,3-Dichloropropene 6.2			1,4-Dioxane 2.3			Ethanol			Ethylbenzene 8300			4-Ethyltoluene		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-16	29 ft	VMP-15-29	11/19/2009	<3.4	U		<3.4	U		<11	U		<5.6	U		<3.2	U		<3.7	U	
		VMP-15-29-073112	7/31/2012	<0.18	U		<0.18	U		<0.56	U		<0.3	U		<0.17	U		<0.19	U	
		VMP-15-29-102512	10/25/2012	<0.014	U		<0.014	U		<0.044	U		0.086			<0.013	U		0.0023	J	
		VMP-15-29-021213	2/12/2013	<0.12	U		<0.12	U		<0.39	U		<0.2	U		<0.12	U		<0.13	U	
		VMP-15-29-050913	5/9/2013	<1.3	U		<1.3	U		<4.2	U		<2.2	U		<1.3	U		<1.4	U	
	5 ft	VMP-16-5	11/20/2009	<0.076	U		<0.076	U		<0.24	U		<0.13	U		<0.073	U		<0.083	U	
		VMP-16-5-090210	9/2/2010	<11	U		<11	U		<34	U		<18	U		12			2.5	J	
		VMP-16-5-112910	11/29/2010	<4.9	U		<4.9	U		<16	U		<8.2	U		7.5		J	<5.4	U	
		VMP-16-5-021511	2/15/2011	<3	U		<3	U		<9.5	U		<5	U		<2.9	U		<3.2	U	
		VMP-16-5-042211	4/22/2011	<4	U		<4	U		<13	U		<6.6	U		<3.8	U		<4.3	U	
		VMP-16-5-080511	8/5/2011	<1.3	U		<1.3	U		<4	U		<2.1	U		<1.2	U		<1.4	U	
		VMP-16-5-042512	4/25/2012	<4.3	U		<4.3	U		<14	U		<7.2	U		<4.1	U		<4.7	U	
		VMP-16-5-073012	7/30/2012	<4.1	U		<4.1	U		<13	U		<6.7	U		0.64	J	J	<4.4	U	
		VMP-16-5-102512	10/25/2012	<3.2	U		<3.2	U		<10	U		<5.3	U		<3.1	U		<3.5	U	
		VMP-16-5-021413	2/14/2013	<0.5	U		<0.5	U		<1.6	U		<0.83	U		<0.48	U		<0.54	U	
		VMP-16-5-042313	4/23/2013	<0.96	U		<0.96	U		<3	U		<1.6	U		<0.92	U		<1	U	
	13.5 ft	VMP-16-13.5	11/19/2009	<0.34	U		<0.34	U		<1.1	U		<0.56	U		<0.32	U		<0.37	U	
		VMP-16-13.5-090210	9/2/2010	<11	U		<11	U		<36	U		<19	U		15			3.4	J	
		VMP-16-13.5-090210-DUP	9/2/2010	<11	U		<11	U		<36	U		<19	U		15			2.9	J	
		VMP-16-13.5-112910	11/29/2010	<32	U		<32	U		<100	U		<53	U		9.9	J		<34	U	
		VMP-16-13.5-021611	2/16/2011	<6.1	U		<6.1	U		<19	U		<10	U		<5.8	U		<6.6	U	
		VMP-16-13.5-021611-DUP	2/16/2011	<6	U		<6	U		<19	U		<9.9	U		<5.7	U		<6.5	U	
		VMP-16-13.5-042211	4/22/2011	<6.4	U		<6.4	U		<20	U		<11	U		<6.2	U		<7	U	
		VMP-16-13.5-080511	8/5/2011	<0.63	U	UJ	<0.63	U	UJ	<2	U	UJ	<1	U	UJ	<0.6	U	UJ	<0.68	U	UJ
		VMP-16-13.5-042512	4/25/2012	<0.69	U		<0.69	U		<2.2	U		<1.1	U		3.2		J	0.39	J	J
		VMP-16-13.5-073012	7/30/2012	<21	U		<21	U		<66	U		<34	U		<20	U		<22	U	
		VMP-16-13.5-102512	10/25/2012	<64	U		<64	U		<200	U		<110	U		<61	U		<69	U	
		VMP-16-13.5-021413	2/14/2013	<10	U		<10	U		<32	U		<17	U		4	J	J	<11	U	
		VMP-16-13.5-042313	4/23/2013	<2.9	U		<2.9	U		<9.3	U		<4.9	U		1.1	J		<3.2	U	
	19 ft	VMP-16-19	11/19/2009	<2.9	U		<2.9	U		<9.3	U		<4.9	U		<2.8	U		<3.2	U	
		VMP-16-19-090210	9/2/2010	<11	U		<11	U		<36	U		<19	U		23			3.2	J	
		VMP-16-19-112910	11/29/2010	<24	U		<24	U		<78	U		<41	U		14	J		<26	U	
		VMP-16-19-021611	2/16/2011	<5.8	U		<5.8	U		<18	U		<9.7	U		<5.6	U		<6.3	U	
		VMP-16-19-042711	4/27/2011	<6	U		<6	U		<19	U		<9.9	U		<5.7	U		<6.5	U	
		VMP-16-19-042711-DUP	4/27/2011	<5.8	U		<5.8	U		<18	U		<9.7	U		<5.6	U		<6.3	U	
		VMP-16-19-042512	4/25/2012	<16	U		<16	U		<51	U		<27	U		7.3	J		<17	U	
		VMP-16-19-073012	7/30/2012	<14	U		<14	U		<46	U		<24	U		12	J		<16	U	
		VMP-16-19-102512	10/25/2012	<60	U		<60	U		<190	U		<99	U		<57	U		<65	U	
		VMP-16-19-021413	2/14/2013	<6	U		<6	U		<19	U		<9.9	U		88		J	8.8		J
		VMP-16-19-042313	4/23/2013	<5.5	U		<5.5	U		<17	U		<9.1	U		61			11		
	31 ft	VMP-16-31	11/19/2009	<4.4	U		<4.4	U		<14	U		<7.3	U		<4.2	U		<4.8	U	
		VMP-16-31-D	11/19/2009	<4.4	U		<4.4	U		<14	U		<7.3	U		<4.2	U		<4.8	U	
		VMP-16-31-090310	9/3/2010	<0.0066	U		<0.0066	U		<0.021	U		0.014			0.002	J		<0.0071	U	
		VMP-16-31-112910	11/29/2010	<25	U		<25	U		<78	U		<41	U		15	J		<27	U	
		VMP-16-31-042512	4/25/2012	<19	U		<19	U		<62	U		<32	U		3.4	J		<21	U	
		VMP-16-31-073012	7/30/2012	<16	U		<16	U		<50	U		6	J	J	<15	U		<17	U	
		VMP-16-31-102512	10/25/2012	<74	U		<74	U		<240	U		<120	U		<71	U		<81	U	
		VMP-16-31-021813	2/18/2013	<23	U		<23	U		<72	U		<38	U		43			<24	U	
		VMP-16-31-042313	4/23/2013	<14	U		<14	U		<46	U		<24	U		60			5.2	J	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-16	29 ft	VMP-15-29	11/19/2009	<5.7	U		<5.2	U		32			<32	U		110			<12	U	
		VMP-15-29-073112	7/31/2012	<0.3	U		<0.27	U		<0.16	U		<1.7	U		<0.14	U		<0.64	U	
		VMP-15-29-102512	10/25/2012	<0.024	U		<0.022	U		<0.013	U		<0.13	U		0.013			<0.051	U	
		VMP-15-29-021213	2/12/2013	<0.21	U		<0.19	U		<0.11	U		<1.1	U		<0.095	U		<0.44	U	
		VMP-15-29-050913	5/9/2013	<2.3	U		<2.1	U		<1.2	U		<12	U		<1	U		<4.8	U	
	5 ft	VMP-16-5	11/20/2009	<0.13	U		<0.12	U		<0.069	U		<0.72	U		<0.059	U		<0.28	U	
		VMP-16-5-090210	9/2/2010	<18	U		<17	U		14			<100	U		6.3	J		<39	U	
		VMP-16-5-112910	11/29/2010	<8.4	U		<7.6	U		<4.5	U		<46	U		<3.8	U		<18	U	
		VMP-16-5-021511	2/15/2011	<5	U		<4.6	U		<2.7	U		<28	U		45		J	<11	U	
		VMP-16-5-042211	4/22/2011	<6.7	U		<6.2	U		<3.6	U		<38	U		4.8			<36	U	
		VMP-16-5-080511	8/5/2011	<2.2	U		<2	U		<1.2	U		<12	U		1.4			<4.6	U	
		VMP-16-5-042512	4/25/2012	<7.3	U		<6.7	U		<3.9	U		<41	U		<3.4	U		<16	U	
		VMP-16-5-073012	7/30/2012	<6.8	U		<6.2	U		<3.7	U		<38	U		<3.2	U		<15	U	
		VMP-16-5-102512	10/25/2012	<5.4	U		<4.9	U		<2.9	U		<30	U		<2.5	U		<12	U	
		VMP-16-5-021413	2/14/2013	<0.84	U		<0.77	U		<0.45	U		<4.7	U		<0.39	U		<1.8	U	
		VMP-16-5-042313	4/23/2013	<1.6	U		<1.5	U		<0.87	U		<9	U		<0.74	U		<3.5	U	
	13.5 ft	VMP-16-13.5	11/19/2009	<0.57	U		<0.52	U		<0.3	U		<3.2	U		<0.26	U		<1.2	U	
		VMP-16-13.5-090210	9/2/2010	<19	U		<17	U		13			<100	U		6.6	J	J	<40	U	
		VMP-16-13.5-090210-DUP	9/2/2010	<19	U		<17	U		12			<100	U		9.7		J	<40	U	
		VMP-16-13.5-112910	11/29/2010	<54	U		<49	U		<29	U		<300	U		<25	U		<110	U	
		VMP-16-13.5-021611	2/16/2011	<10	U		<9.4	U		<5.5	U		<57	U		12			<22	U	
		VMP-16-13.5-021611-DUP	2/16/2011	<10	U		<9.2	U		<5.4	U		<56	U		10			<22	U	
		VMP-16-13.5-042211	4/22/2011	<11	U		<9.9	U		<5.8	U		<60	U		5			<58	U	
		VMP-16-13.5-080511	8/5/2011	<1	U	UJ	<0.96	U	UJ	<0.56	U	UJ	<5.9	U	UJ	5.8		J	<2.3	U	UJ
		VMP-16-13.5-042512	4/25/2012	<1.2	U		<1.1	U		<0.62	U		<6.5	U		<0.54	U		<2.5	U	
		VMP-16-13.5-073012	7/30/2012	<35	U		<32	U		<19	U		<200	U		9	J		<75	U	
		VMP-16-13.5-102512	10/25/2012	<110	U		<98	U		<58	U		<600	U		<50	U		<230	U	
		VMP-16-13.5-021413	2/14/2013	3	J	J	<16	U		<9.2	U		<96	U		6.1	J	J	<37	U	
		VMP-16-13.5-042313	4/23/2013	<4.9	U		<4.5	U		<2.6	U		<28	U		<2.3	U		<10	U	
	19 ft	VMP-16-19	11/19/2009	<4.9	U		<4.5	U		<2.6	U		<28	U		<2.3	U		<10	U	
		VMP-16-19-090210	9/2/2010	<19	U		<17	U		14			<100	U		7.5	J		<40	U	
		VMP-16-19-112910	11/29/2010	<41	U		<38	U		<22	U		<230	U		<19	U		<88	U	
		VMP-16-19-021611	2/16/2011	<9.9	U		<9	U		<5.3	U		<55	U		7.4			<21	U	
		VMP-16-19-042711	4/27/2011	<10	U		<9.2	U		<5.4	U		<56	U		1.8	J		<54	U	
		VMP-16-19-042711-DUP	4/27/2011	<9.9	U		<9	U		<5.3	U		<55	U		1.7	J		<53	U	
		VMP-16-19-042512	4/25/2012	<27	U		<25	U		<14	U		<150	U		<12	U		<58	U	
		VMP-16-19-073012	7/30/2012	<24	U		<22	U		<13	U		<130	U		4.9	J		<52	U	
		VMP-16-19-102512	10/25/2012	<100	U		<92	U		<54	U		<560	U		<46	U		<220	U	
		VMP-16-19-021413	2/14/2013	<10	U		<9.2	U		<5.4	U		<56	U		4	J	J	<22	U	
		VMP-16-19-042313	4/23/2013	<9.3	U		<8.4	U		<5	U		<52	U		4	J		<20	U	
	31 ft	VMP-16-31	11/19/2009	<7.4	U		<6.8	U		<4	U		<41	U		<3.4	U		<16	U	
		VMP-16-31-D	11/19/2009	<7.4	U		<6.8	U		<4	U		<41	U		<3.4	U		<16	U	
		VMP-16-31-090310	9/3/2010	<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0028	J		<0.024	U	
		VMP-16-31-112910	11/29/2010	<42	U		<38	U		<22	U		<230	U		<19	U		<89	U	
		VMP-16-31-042512	4/25/2012	<33	U		<30	U		<18	U		<180	U		<15	U		<70	U	
		VMP-16-31-073012	7/30/2012	<27	U		<24	U		<14	U		<150	U		5.6	J		<57	U	
		VMP-16-31-102512	10/25/2012	<120	U		<110	U		<67	U		<700	U		<58	U		<270	U	
		VMP-16-31-021813	2/18/2013	<38	U		<35	U		<20	U		<210	U		3	J		<82	U	
		VMP-16-31-042313	4/23/2013	<24	U		<22	U		<13	U		<130	U		5.6	J		<52	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene		
							3500						23000								
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-16	29 ft	VMP-15-29	11/19/2009				<3.7	U		<3	U		<2.7	U		<7.3	U		<3.7	U	
		VMP-15-29-073112	7/31/2012	110			0.06	J	J	<0.16	U		<0.14	U		0.024	J	J	<0.19	U	
		VMP-15-29-102512	10/25/2012	2.1			0.075			0.23			<0.011	U		0.059		J	<0.015	U	
		VMP-15-29-021213	2/12/2013	48			<0.13	U		<0.44	U		<0.097	U		<0.26	U		<0.13	U	
		VMP-15-29-050913	5/9/2013	200			<1.4	U		<1.2	U		<1.1	UJ	UJ	<2.9	U		<1.4	U	
	5 ft	VMP-16-5	11/20/2009				<0.083	U		<0.069	U		<0.061	U		<0.16	U		<0.083	U	
		VMP-16-5-090210	9/2/2010				14			<9.7	U		2.7	J		<23	U		20		
		VMP-16-5-112910	11/29/2010				4.2	J	J	<4.5	U		1.2	J	J	<11	U		4.4	J	J
		VMP-16-5-021511	2/15/2011				<3.2	U		<2.7	U		<2.4	U		<6.5	U		1.4	J	J
		VMP-16-5-042211	4/22/2011	4800			<4.3	U		<36	U		1.9	J		<8.6	U		<4.3	U	
		VMP-16-5-080511	8/5/2011	760			<1.4	U		<1.2	U		0.29	J		<2.8	U		<1.4	U	
		VMP-16-5-042512	4/25/2012	2400			<4.7	U		<3.9	U		0.83	J		<9.4	U		<4.7	U	
		VMP-16-5-073012	7/30/2012	1400		J	0.58	J	J	<3.7	U		0.84	J	J	<8.8	U		0.67	J	J
		VMP-16-5-102512	10/25/2012	120			<3.5	U		<2.9	U		<2.5	U		<6.9	U		<3.5	U	
		VMP-16-5-021413	2/14/2013	5.4		J	<0.54	U		<1.8	U		<0.4	U		<1.1	U		<0.54	U	
		VMP-16-5-042313	4/23/2013	40			<1	U		<0.87	U		<0.76	U		0.11	J		<1	U	
	13.5 ft	VMP-16-13.5	11/19/2009				<0.37	U		<0.3	U		<0.27	U		<0.73	U		<0.37	U	
		VMP-16-13.5-090210	9/2/2010				15			<10	U		2.9	J		<24	U		24		
		VMP-16-13.5-090210-DUP	9/2/2010				16			<10	U		3.1	J		<24	U		23		
		VMP-16-13.5-112910	11/29/2010				<34	U		<29	U		<25	U		<69	U		<34	U	
		VMP-16-13.5-021611	2/16/2011				<6.6	U		<5.5	U		<4.8	U		<13	U		<6.6	U	
		VMP-16-13.5-021611-DUP	2/16/2011				<6.5	U		<5.4	U		<4.8	U		<13	U		<6.5	U	
		VMP-16-13.5-042211	4/22/2011	4800			<7	U		<58	U		2.6	J		<14	U		<7	U	
		VMP-16-13.5-080511	8/5/2011	190		J	<0.68	U	UJ	<0.56	U	UJ	0.29	J	J	<1.4	U	UJ	<0.68	U	UJ
		VMP-16-13.5-042512	4/25/2012	5200			0.8		J	<0.62	U		<0.55	U		0.094	J	J	1.1		J
		VMP-16-13.5-073012	7/30/2012	4100			<22	U		<19	U		2.7	J		<45	U		<22	U	
		VMP-16-13.5-102512	10/25/2012	2500			<69	U		<58	U		<51	U		<140	U		<69	U	
		VMP-16-13.5-021413	2/14/2013	1800		J	4	J	J	<37	U		2.1	J	J	<22	U		7.8	J	J
		VMP-16-13.5-042313	4/23/2013	2500			1.4	J		<2.6	U		<2.3	U		<6.3	U		2.7	J	
	19 ft	VMP-16-19	11/19/2009				<3.2	U		<2.6	U		<2.3	U		<6.3	U		<3.2	U	
		VMP-16-19-090210	9/2/2010				24			<10	U		3.1	J		<24	U		35		
		VMP-16-19-112910	11/29/2010				9.4	J		<22	U		<19	U		<53	U		12	J	
		VMP-16-19-021611	2/16/2011				<6.3	U		<5.3	U		<4.6	U		<13	U		<6.3	U	
		VMP-16-19-042711	4/27/2011	2800			<6.5	U		<54	U		1.2	J		<13	U		<6.5	U	
		VMP-16-19-042711-DUP	4/27/2011	2800			<6.3	U		<53	U		1.3	J		<13	U		<6.3	U	
		VMP-16-19-042512	4/25/2012	5600			2.3	J		<14	U		4	J		<35	U		4	J	
		VMP-16-19-073012	7/30/2012	5200			3.3	J		<13	U		3.3	J		<31	U		5.2	J	
		VMP-16-19-102512	10/25/2012	4100			<65	U		<54	U		<48	U		<130	U		<65	U	
		VMP-16-19-021413	2/14/2013	3800		J	27		J	<22	U		4.5	J	J	<13	U		45		J
		VMP-16-19-042313	4/23/2013	2600			24			<5	U		2.3	J		<12	U		48		
	31 ft	VMP-16-31	11/19/2009				<4.8	U		<4	U		<3.5	U		<9.5	U		<4.8	U	
		VMP-16-31-D	11/19/2009				<4.8	U		<4	U		<3.5	U		<9.5	U		<4.8	U	
		VMP-16-31-090310	9/3/2010				0.0037	J		<0.0059	U		0.014			0.041			0.0047	J	
		VMP-16-31-112910	11/29/2010				12	J		<22	U		<20	U		<54	U		14	J	
		VMP-16-31-042512	4/25/2012	6200			3.6	J		<18	U		4.8	J		<42	U		6.3	J	
		VMP-16-31-073012	7/30/2012	6200			<17	U		<14	U		3.3	J		<34	U		<17	U	
		VMP-16-31-102512	10/25/2012	4200			<81	U		<67	U		<59	U		<160	U		<81	U	
		VMP-16-31-021813	2/18/2013	4600			21	J		<82	U		4.1	J		<49	U		36		
		VMP-16-31-042313	4/23/2013	4200			40			<13	U		3.4	J		<31	U		85		

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
				8500						4						40000			50		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-16	29 ft	VMP-15-29	11/19/2009	<3.2	U		<5.1	U		<5	U		<2.2	U		<2.8	U		<22	U	
		VMP-15-29-073112	7/31/2012	<0.17	U		<0.27	U		<0.26	U		<0.12	U		0.098	J	J	<1.2	U	
		VMP-15-29-102512	10/25/2012	0.0012	J		<0.021	U		<0.021	U		0.0024	J		0.016			<0.23	U	UJ
		VMP-15-29-021213	2/12/2013	<0.11	U		<0.18	U		<0.18	U		<0.079	U		<0.1	U		<0.8	U	
		VMP-15-29-050913	5/9/2013	<1.2	U		<2	U		<2	U		<0.87	U		<1.1	U		<8.8	U	
	5 ft	VMP-16-5	11/20/2009	<0.072	U		<0.12	U		<0.11	U		<0.05	U		0.12			<0.5	U	
		VMP-16-5-090210	9/2/2010	<10	U		<16	U		<16	U		<7	U		<9	U		<71	U	
		VMP-16-5-112910	11/29/2010	<4.6	U		<7.5	U		<7.4	U		<3.2	U		<4.1	U		<32	U	
		VMP-16-5-021511	2/15/2011	<2.8	U		<4.5	U		<4.5	U		<1.9	U		2.4	J	J	<20	U	
		VMP-16-5-042211	4/22/2011	<37	U		<6	U		<6	U		<2.6	U		<3.3	U		<26	U	
		VMP-16-5-080511	8/5/2011	<1.2	U		<1.9	U		<1.9	U		<0.83	U		<1	U		<8.3	U	
		VMP-16-5-042512	4/25/2012	<4.1	U		<6.6	U		1.4	J		<2.8	U		<3.6	U		<28	U	
		VMP-16-5-073012	7/30/2012	<3.8	U		<6.1	U		<6.1	U		<2.6	U		0.31	J	J	<26	U	
		VMP-16-5-102512	10/25/2012	<3	U		<4.8	U		<4.8	U		<2.1	U		0.18	J		<21	U	
		VMP-16-5-021413	2/14/2013	<0.47	U		<0.76	U		<0.75	U		<0.32	U		<0.41	U		<3.3	U	
		VMP-16-5-042313	4/23/2013	<0.9	U		<1.4	U		<1.4	U		<0.62	U		5.1			<6.3	U	
	13.5 ft	VMP-16-13.5	11/19/2009	<0.32	U		<0.51	U		<0.5	U		<0.22	U		0.46			<2.2	U	
		VMP-16-13.5-090210	9/2/2010	<10	U		<17	U		<17	U		<7.3	U		1.4	J		<73	U	
		VMP-16-13.5-090210-DUP	9/2/2010	<10	U		<17	U		<17	U		<7.3	U		1.6	J		<73	U	
		VMP-16-13.5-112910	11/29/2010	<30	U		<48	U		<47	U		<21	U		<26	U		<210	U	
		VMP-16-13.5-021611	2/16/2011	<5.7	U		<9.2	U		<9.1	U		<4	U		<5.1	U		<40	U	
		VMP-16-13.5-021611-DUP	2/16/2011	<5.6	U		<9.1	U		<9	U		<3.9	U		<5	U		<39	U	
		VMP-16-13.5-042211	4/22/2011	<60	U		<9.7	U		<9.6	U		<4.2	U		<5.4	U		<42	U	
		VMP-16-13.5-080511	8/5/2011	<0.59	U	UJ	<0.95	U	UJ	<0.94	U	UJ	<0.41	U	UJ	0.12	J	J	<4.1	U	UJ
		VMP-16-13.5-042512	4/25/2012	<0.65	U		<1	U		0.14	J	J	<0.45	U		<0.57	U		<4.5	U	
		VMP-16-13.5-073012	7/30/2012	<19	U		<31	U		<31	U		<13	U		2.5	J		<140	U	
		VMP-16-13.5-102512	10/25/2012	<60	U		<97	U		<96	U		<42	U		4.1	J		<420	U	
		VMP-16-13.5-021413	2/14/2013	<9.5	U		<15	U		<15	U		<6.6	U		2.8	J	J	<66	U	
		VMP-16-13.5-042313	4/23/2013	<2.7	U		<4.4	U		<4.4	U		<1.9	U		8.1			<19	U	
	19 ft	VMP-16-19	11/19/2009	<2.7	U		<4.4	U		<4.4	U		<1.9	U		<2.4	U		<19	U	
		VMP-16-19-090210	9/2/2010	<10	U		<17	U		<17	U		<7.3	U		<9.3	U		<73	U	
		VMP-16-19-112910	11/29/2010	<23	U		<37	U		<37	U		<16	U		<20	U		<160	U	
		VMP-16-19-021611	2/16/2011	<5.5	U		<8.8	U		<8.8	U		<3.8	U		<4.9	U		<38	U	
		VMP-16-19-042711	4/27/2011	<56	U		<9.1	U		<9	U		<3.9	U		<5	U		<39	U	
		VMP-16-19-042711-DUP	4/27/2011	<55	U		<8.8	U		<8.8	U		<3.8	U		<4.9	U		<38	U	
		VMP-16-19-042512	4/25/2012	<15	U		<24	U		<24	U		<10	U		<13	U		<100	U	
		VMP-16-19-073012	7/30/2012	<13	U		<22	U		<21	U		<9.3	U		1.6	J		<94	U	
		VMP-16-19-102512	10/25/2012	<56	U		<91	U		<90	U		<39	U		5.7	J		<390	U	
		VMP-16-19-021413	2/14/2013	<5.6	U		<9.1	U		<9	U		<3.9	U		0.83	J	J	<39	U	
		VMP-16-19-042313	4/23/2013	<5.2	U		<8.3	U		7.2	J		<3.6	U		4.2	J		<36	U	
	31 ft	VMP-16-31	11/19/2009	<4.1	U		<6.6	U		<6.6	U		<2.9	U		<3.6	U		<29	U	
		VMP-16-31-D	11/19/2009	<4.1	U		<6.6	U		<6.6	U		<2.9	U		<3.6	U		<29	U	
		VMP-16-31-090310	9/3/2010	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0016	J		<0.043	U	
		VMP-16-31-112910	11/29/2010	<23	U		<37	U		<37	U		<16	U		<20	U		<160	U	
		VMP-16-31-042512	4/25/2012	<18	U		<29	U		<29	U		<13	U		<16	U		<130	U	
		VMP-16-31-073012	7/30/2012	<15	U		<24	U		<24	U		<10	U		4	J		<100	U	
		VMP-16-31-102512	10/25/2012	<70	U		<110	U		<110	U		<48	U		3.9	J		<490	U	
		VMP-16-31-021813	2/18/2013	<21	U		<34	U		<34	U		<15	U		<19	U		<150	U	
		VMP-16-31-042313	4/23/2013	<13	U		<22	U		6.6	J		<9.3	U		9.5	J		<94	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl			1,1,2-Trichloroethane			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene		
				41000			170000			12			5600								
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-16	29 ft	VMP-15-29	11/19/2009	<4.1	U		<4.1	U		<4	U		<4.2	U		<3.7	U		<3.7	U	
		VMP-15-29-073112	7/31/2012	<0.21	U		<0.21	U		<0.21	U		<0.22	U		<0.19	U		<0.19	U	
		VMP-15-29-102512	10/25/2012	<0.017	U		<0.017	U		<0.017	U		<0.017	U		0.0047	J		<0.015	U	
		VMP-15-29-021213	2/12/2013	<0.15	U		<0.15	U		<0.14	U		<0.15	U		<0.13	U		<0.13	U	
		VMP-15-29-050913	5/9/2013	<1.6	U		<1.6	U		<1.6	U		<1.6	U		<1.4	U		<1.4	U	
	5 ft	VMP-16-5	11/20/2009	<0.092	U		<0.092	U		<0.09	U		<0.095	U		<0.083	U		<0.083	U	
		VMP-16-5-090210	9/2/2010	<13	U		<13	U		<13	U		<13	U		2.3	J		<12	U	
		VMP-16-5-112910	11/29/2010	<5.9	U		<5.9	U		<5.8	U		<6.1	U		<5.4	U		<5.4	U	
		VMP-16-5-021511	2/15/2011	<3.6	U		<3.6	U		<3.5	U		<3.7	U		<3.2	U		<3.2	U	
		VMP-16-5-042211	4/22/2011	<4.8	U		<4.8	U		<4.7	U		<4.9	U		<4.3	U		<4.3	U	
		VMP-16-5-080511	8/5/2011	<1.5	U		<1.5	U		<1.5	U		<1.6	U		<1.4	U		<1.4	U	
		VMP-16-5-042512	4/25/2012	<5.2	U		<5.2	U		<5.1	U		<5.4	U		<4.7	U		<4.7	U	
		VMP-16-5-073012	7/30/2012	<4.9	U		<4.9	U		<4.8	U		<5	U		<4.4	U		<4.4	U	
		VMP-16-5-102512	10/25/2012	<3.8	U		<3.8	U		<3.8	U		<4	U		<3.5	U		<3.5	U	
		VMP-16-5-021413	2/14/2013	<0.6	U		<0.6	U		0.24	J	J	<0.62	U		<0.54	U		<0.54	U	
		VMP-16-5-042313	4/23/2013	<1.2	U		<1.2	U		<1.1	U		<1.2	U		<1	U		<1	U	
	13.5 ft	VMP-16-13.5	11/19/2009	<0.41	U		<0.41	U		<0.4	U		<0.42	U		<0.37	U		<0.37	U	
		VMP-16-13.5-090210	9/2/2010	<13	U		<13	U		<13	U		<14	U		3.6	J		1.7	J	
		VMP-16-13.5-090210-DUP	9/2/2010	<13	U		<13	U		<13	U		<14	U		3	J		<12	U	
		VMP-16-13.5-112910	11/29/2010	<38	U		<38	U		<38	U		<39	U		<34	U		<34	U	
		VMP-16-13.5-021611	2/16/2011	<7.3	U		<7.3	U		<7.2	U		<7.6	U		<6.6	U		<6.6	U	
		VMP-16-13.5-021611-DUP	2/16/2011	<7.2	U		<7.2	U		<7.1	U		<7.4	U		<6.5	U		<6.5	U	
		VMP-16-13.5-042211	4/22/2011	<7.7	U		<7.7	U		<7.6	U		<8	U		<7	U		<7	U	
		VMP-16-13.5-080511	8/5/2011	<0.75	U		<0.75	U	UJ	<0.74	U	UJ	<0.78	U	UJ	<0.68	U	UJ	<0.68	U	UJ
		VMP-16-13.5-042512	4/25/2012	<0.83	U		<0.83	U		<0.82	U		<0.86	U		0.46	J	J	0.22	J	J
		VMP-16-13.5-073012	7/30/2012	<25	U		<25	U		<24	U		<26	U		<22	U		<22	U	
		VMP-16-13.5-102512	10/25/2012	<77	U		<77	U		<76	U		<79	U		<69	U		<69	U	
		VMP-16-13.5-021413	2/14/2013	<12	U		<12	U		18		J	<12	U		<11	U		<11	U	
		VMP-16-13.5-042313	4/23/2013	<3.5	U		<3.5	U		<3.5	U		<3.6	U		<3.2	U		<3.2	U	
	19 ft	VMP-16-19	11/19/2009	<3.5	U		<3.5	U		<3.5	U		<3.6	U		<3.2	U		<3.2	U	
		VMP-16-19-090210	9/2/2010	<13	U		<13	U		<13	U		<14	U		3.8	J		<12	U	
		VMP-16-19-112910	11/29/2010	<29	U		<29	U		<29	U		<30	U		<26	U		<26	U	
		VMP-16-19-021611	2/16/2011	<7	U		<7	U		<6.9	U		<7.2	U		<6.3	U		<6.3	U	
		VMP-16-19-042711	4/27/2011	<7.2	U		<7.2	U		3.3	J		<7.4	U		<6.5	U		<6.5	U	
		VMP-16-19-042711-DUP	4/27/2011	<7	U		<7	U		<6.9	U		<7.2	U		<6.3	U		<6.3	U	
		VMP-16-19-042512	4/25/2012	<19	U		<19	U		<19	U		<20	U		<17	U		<17	U	
		VMP-16-19-073012	7/30/2012	<17	U		<17	U		<17	U		<18	U		<16	U		<16	U	
		VMP-16-19-102512	10/25/2012	<72	U		<72	U		<71	U		<74	U		<65	U		<65	U	
		VMP-16-19-021413	2/14/2013	<7.2	U		<7.2	U		<7.1	U		<7.4	U		13		J	3.9	J	J
		VMP-16-19-042313	4/23/2013	<6.6	U		<6.6	U		<6.5	U		<6.8	U		20			4.9	J	
	31 ft	VMP-16-31	11/19/2009	<5.3	U		<5.3	U		<5.2	U		<5.4	U		<4.8	U		<4.8	U	
		VMP-16-31-D	11/19/2009	<5.3	U		<5.3	U		<5.2	U		<5.4	U		<4.8	U		<4.8	U	
		VMP-16-31-090310	9/3/2010	<0.0079	U		<0.0079	U		<0.0078	U		0.0013	J		0.0028	J		0.0027	J	
		VMP-16-31-112910	11/29/2010	<30	U		<30	U		<29	U		<31	U		<27	U		<27	U	
		VMP-16-31-042512	4/25/2012	<23	U		<23	U		<23	U		<24	U		<21	U		<21	U	
		VMP-16-31-073012	7/30/2012	<19	U		<19	U		<19	U		<20	U		<17	U		<17	U	
		VMP-16-31-102512	10/25/2012	<89	U		<89	U		<88	U		<92	U		<81	U		<81	U	
		VMP-16-31-021813	2/18/2013	<27	U		<27	U		<27	U		<28	U		<24	U		<24	U	
		VMP-16-31-042313	4/23/2013	<17	U		<17	U		<17	U		<18	U		9.9	J		<16	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylene			o-Xylenes		
							4.8			820			790		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-16	29 ft	VMP-15-29	11/19/2009	880			<1.9	U		<3.2	U		<3.2	U	
		VMP-15-29-073112	7/31/2012	150		J	<0.1	U		0.017	J	J	<0.17	U	
		VMP-15-29-102512	10/25/2012	3.4			<0.0079	U		0.0042	J		<0.013	U	
		VMP-15-29-021213	2/12/2013	110			<0.069	U		<0.12	U		<0.12	U	
		VMP-15-29-050913	5/9/2013	89			<0.75	U		<1.3	U		<1.3	U	
	5 ft	VMP-16-5	11/20/2009	16			<0.043	U		<0.073	U		<0.073	U	
		VMP-16-5-090210	9/2/2010	9300			<6.1	U		5.4	J		<10	U	
		VMP-16-5-112910	11/29/2010	7600			<2.8	U		2.6	J	J	<4.7	U	
		VMP-16-5-021511	2/15/2011	5500			<1.7	U		0.98	J	J	<2.9	U	
		VMP-16-5-042211	4/22/2011	7900			<2.2	U		1	J		<3.8	U	
		VMP-16-5-080511	8/5/2011	2100			<0.72	U		<1.2	U		<1.2	U	
		VMP-16-5-042512	4/25/2012	6800			<2.4	U		<4.1	U		<4.1	U	
		VMP-16-5-073012	7/30/2012	8200			<2.3	U		0.62	J	J	<3.9	U	
		VMP-16-5-102512	10/25/2012	1000		J	<1.8	U		<3.1	U		<3.1	U	
		VMP-16-5-021413	2/14/2013	290		J	<0.28	U		<0.48	U		<0.48	U	
		VMP-16-5-042313	4/23/2013	980			<0.54	U		<0.92	U		<0.92	U	
	13.5 ft	VMP-16-13.5	11/19/2009	82			<0.19	U		<0.32	U		<0.32	U	
		VMP-16-13.5-090210	9/2/2010	8200			<6.3	U		6.6	J		<11	U	
		VMP-16-13.5-090210-DUP	9/2/2010	8000			<6.3	U		6.1	J		<11	U	
		VMP-16-13.5-112910	11/29/2010	11000			<18	U		<30	U		<30	U	
		VMP-16-13.5-021611	2/16/2011	5600			<3.4	U		<5.8	U		<5.8	U	
		VMP-16-13.5-021611-DUP	2/16/2011	6100			<3.4	U		<5.7	U		<5.7	U	
		VMP-16-13.5-042211	4/22/2011	7600			<3.6	U		<6.2	U		<6.2	U	
		VMP-16-13.5-080511	8/5/2011	610		J	<0.35	U	UJ	<0.6	U	UJ	<0.6	U	UJ
		VMP-16-13.5-042512	4/25/2012	8600			<0.39	U		1.3		J	<0.66	U	
		VMP-16-13.5-073012	7/30/2012	12000			<12	U		<20	U		<20	U	
		VMP-16-13.5-102512	10/25/2012	11000			<36	U		<61	U		<61	U	
		VMP-16-13.5-021413	2/14/2013	11000		J	<5.7	U		2.2	J	J	<9.7	U	
		VMP-16-13.5-042313	4/23/2013	8200			<1.6	U		0.6	J		<2.8	U	
	19 ft	VMP-16-19	11/19/2009	910			<1.6	U		<2.8	U		<2.8	U	
		VMP-16-19-090210	9/2/2010	10000			<6.3	U		8.2	J		<11	U	
		VMP-16-19-112910	11/29/2010	10000			<14	U		<23	U		<23	U	
		VMP-16-19-021611	2/16/2011	5900			<3.3	U		<5.6	U		<5.6	U	
		VMP-16-19-042711	4/27/2011	5100			<3.4	U		<5.7	U		<5.7	U	
		VMP-16-19-042711-DUP	4/27/2011	5000			<3.3	U		<5.6	U		<5.6	U	
		VMP-16-19-042512	4/25/2012	9100			<9	U		<15	U		<15	U	
		VMP-16-19-073012	7/30/2012	8800			<8.1	U		3.3	J		<14	U	
		VMP-16-19-102512	10/25/2012	8600			<34	U		<57	U		<57	U	
		VMP-16-19-021413	2/14/2013	11000		J	<3.4	U		26		J	0.64	J	J
		VMP-16-19-042313	4/23/2013	8600			<3.1	U		20			0.66	J	
	31 ft	VMP-16-31	11/19/2009	2400	E	J	<2.5	U		<4.2	U		<4.2	U	
		VMP-16-31-D	11/19/2009	2300	E	J	<2.5	U		<4.2	U		<4.2	U	
		VMP-16-31-090310	9/3/2010	7.4			<0.0037	U		0.0024	J		<0.0063	U	
		VMP-16-31-112910	11/29/2010	11000			<14	U		<24	U		<24	U	
		VMP-16-31-042512	4/25/2012	11000			<11	U		<19	U		<19	U	
		VMP-16-31-073012	7/30/2012	11000			<8.9	U		<15	U		<15	U	
		VMP-16-31-102512	10/25/2012	10000			<42	U		<71	U		<71	U	
		VMP-16-31-021813	2/18/2013	13000			<13	U		<22	U		<22	U	
		VMP-16-31-042313	4/23/2013	12000			<8.1	U		6.9	J		<14	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	Acetone 750000			alpha-Chlorotoluene			Benzene 2.8			Bromodichloromethane 450000			Bromoform 52		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-17	5 ft	VMP-17-5	6/21/2010	0.06		J	<0.007	U		0.0051			<0.009	U		<0.015	U	
		VMP-17-5-DUP	6/21/2010	0.027		J	<0.007	U		0.0044	J		<0.01	U		<0.016	U	
		VMP-17-5-090110	9/1/2010	0.25			<0.007	U		0.0086			<0.009	U		<0.014	U	
		VMP-17-5-112210	11/22/2010	0.03			<0.007	U		0.0044			<0.009	U		<0.014	U	
		VMP-17-5-020711	2/7/2011	0.012	J		<0.0065	U		0.0061			<0.0084	U		<0.013	U	
		VMP-17-5-040611	4/6/2011	0.039	J		<0.026	U		5.8			<0.034	U		<0.052	U	
		VMP-17-5-080111	8/1/2011	<0.18	U		<0.1	U		0.17			<0.13	U		<0.2	U	
		VMP-17-5-110711	11/7/2011	0.029			<0.0044	J	U	0.0018	J		<0.0057	U		<0.0088	U	
		VMP-17-5-012612	1/26/2012	0.013			<0.0046	U		0.0022	J		<0.006	U		<0.0092	U	
		VMP-17-5-041112	4/11/2012	0.028			<0.0047	U		0.021			<0.0061	U		<0.0094	U	
		VMP-17-5-071112	7/11/2012	0.099			<0.0051	U	UJ	0.11			<0.0066	U		<0.01	U	
		VMP-17-5-100912	10/9/2012	0.062			<0.0078	U		0.0043	J		<0.01	U		<0.016	U	
		VMP-17-5-013113	1/31/2013	0.011	J		<0.027	U		0.71			<0.036	U		<0.055	U	
		VMP-17-5-013113-DUP	1/31/2013	0.0096	J		<0.027	U		1			<0.036	U		<0.055	U	
		VMP-17-5-050113	5/1/2013	0.015	J		<0.0074	U		<0.0046	U		<0.0096	U		<0.015	U	
VMP-25	5 ft	VMP-25-5-031511	3/15/2011	3.6			<0.063	U		0.82			<0.081	U		<0.12	U	
		VMP-25-5-040811	4/8/2011	0.043	J		<0.028	U		5.2			<0.037	U		<0.057	U	
		VMP-25-5-080911	8/9/2011	0.16			<0.006	J	U	0.31			<0.0078	U		<0.012	J	U
		VMP-25-5-111711	11/17/2011	0.0076	J		<0.0043	U		0.011			<0.0056	U		<0.0087	U	
		VMP-25-5-013112	1/31/2012	0.02	J		<0.032	U		4.8			<0.041	U		<0.063	U	
		VMP-25-5-042512	4/25/2012	0.024			<0.0049	U		0.066			<0.0064	U		<0.0099	U	
		VMP-25-5-072612	7/26/2012	0.021	J		<0.017	U		0.21			<0.022	U		<0.034	U	
		VMP-25-5-102612	10/26/2012	0.012	J		<0.007	U		0.0017	J		<0.009	U		<0.014	U	
		VMP-25-5-030613	3/6/2013	0.018	J		<0.0066	J	U	0.0048			<0.0086	U		<0.013	U	
		VMP-25-5-051713	5/17/2013	0.019	J		<0.0071	U		0.023			<0.0092	U		<0.014	U	
	21 ft	VMP-25-21-031511	3/15/2011	1200		J	<12	U		97		J	<16	U		<24	U	
		VMP-25-21-031511-DUP	3/15/2011	1800		J	<16	U		140		J	<20	U		<31	U	
		VMP-25-21-040811	4/8/2011	<240	U		<130	U		130			<170	U		<260	U	
		VMP-25-21-040811-DUP	4/8/2011	<240	U		<130	U		120			<170	U		<260	U	
		VMP-25-21-080911	8/9/2011	<78	U		<43	U		1100			<55	U		<85	U	
		VMP-25-21-111711	11/17/2011	<110	U		<58	U		25	J		<75	U		<120	U	
		VMP-25-21-111711-DUP	11/17/2011	<160	U		<86	U		18	J		<110	U		<170	U	
		VMP-25-21-013112	1/31/2012	<56	U		<120	U		59			<39	U		<240	U	
		VMP-25-21-013112-DUP	2/1/2012	<52	U		<110	U		62			<36	U		<220	U	
		VMP-25-21-042512	4/25/2012	6.7	J		<77	U		37			<25	U		<38	U	
		VMP-25-21-072612	7/26/2012	<60	U		<33	U		48			<42	U		<65	U	
		VMP-25-21-102612	10/26/2012	<360	U		<200	U		48	J		<250	U		<390	U	
		VMP-25-21-030613	3/6/2013	<230	U		<50	U		95			<64	U		<99	U	
		VMP-25-21-051713	5/17/2013	<65	U		<35	U		61			<46	U		<70	U	
	31 ft	VMP-25-31-030613	3/6/2013	<120	U		<66	U		90			<85	U		<130	U	
VMP-29	10 ft	VMP-29-10-073012	7/30/2012	4.4			<0.055	U		<0.034	U		<0.071	U		<0.11	U	
		VMP-29-10-100812	10/8/2012	8.4			<0.097	U		0.47			<0.12	U		<0.19	U	
		VMP-29-10-020613	2/6/2013	0.16			<0.0073	U		0.053			<0.0094	U		<0.014	U	
		VMP-29-10-050613	5/6/2013	0.21			<0.0071	J	U	0.023			<0.0091	U		<0.014	U	
	20 ft	VMP-29-20-073012	7/30/2012	170			<0.65	U		0.066	J		<0.84	U		<1.3	U	
		VMP-29-20-073012-Dup	7/30/2012	150			<0.6	U		0.047	J		<0.78	U		<1.2	U	
		VMP-29-20-100812	10/8/2012	15			<0.097	U		0.12			<0.12	U		<0.19	U	
		VMP-29-20-020613	2/6/2013	0.21			<0.0071	U		0.026			<0.0092	U		<0.014	U	
		VMP-29-20-050613	5/6/2013	1.4			<0.029	U		0.12			<0.037	U		<0.057	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Bromomethane			1,3-Butadiene			Butane			2-Butanone			Carbon disulfide			Carbon tetrachloride		
				42									40000			5300			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-17	5 ft	VMP-17-5	6/21/2010	<0.005	U		<0.003	U					0.018		J	<0.004	U		<0.009	U	
		VMP-17-5-DUP	6/21/2010	<0.005	U		<0.003	U					0.0028	J	J	<0.004	J	U	<0.009	U	
		VMP-17-5-090110	9/1/2010	<0.0052	U		<0.003	U					0.096			<0.0042	J	U	<0.0085	U	
		VMP-17-5-112210	11/22/2010	<0.0052	U		<0.003	U					0.0048			<0.0042	J	U	<0.0085	U	
		VMP-17-5-020711	2/7/2011	<0.0049	U		<0.0028	U					<0.0037	U		<0.0039	U		<0.0079	U	
		VMP-17-5-040611	4/6/2011	<0.02	U		<0.011	U		0.13			0.005	J		0.0058	J		<0.032	U	
		VMP-17-5-080111	8/1/2011	<0.075	U		<0.042	U		14			<0.23	U		<0.24	U		<0.12	U	
		VMP-17-5-110711	11/7/2011	<0.0033	U		<0.0019	U		0.0067	J		0.0063	J		<0.011	U		<0.0054	U	
		VMP-17-5-012612	1/26/2012	<0.0035	U		<0.002	U		0.0025	J		0.0098	J		<0.011	U		<0.0056	U	
		VMP-17-5-041112	4/11/2012	<0.036	U		<0.002	U		0.0051	J		0.039			<0.011	U		<0.0058	U	
		VMP-17-5-071112	7/11/2012	<0.038	U		<0.0022	U		0.0061	J		0.034			<0.012	U		<0.0062	U	
		VMP-17-5-100912	10/9/2012	<0.059	U		<0.0034	U		<0.014	U		0.0055	J		<0.019	U		<0.0095	U	
		VMP-17-5-013113	1/31/2013	<0.2	U		<0.012	U		<0.05	U		<0.062	U		0.0076	J		<0.033	U	
		VMP-17-5-013113-DUP	1/31/2013	<0.2	U		<0.012	U		0.039	J		<0.062	U		0.007	J		<0.033	U	
		VMP-17-5-050113	5/1/2013	<0.056	U		<0.0032	U		<0.014	U		<0.017	U		<0.018	J	U	<0.009	U	
VMP-25	5 ft	VMP-25-5-031511	3/15/2011	<0.047	U		<0.027	U					<0.14	U		0.0047	J		<0.076	U	
		VMP-25-5-040811	4/8/2011	<0.021	U		<0.012	U		0.12			<0.065	U		0.019	J		<0.035	U	
		VMP-25-5-080911	8/9/2011	<0.0045	U		<0.0026	U		0.094			0.058			0.0095	J		<0.0073	U	
		VMP-25-5-111711	11/17/2011	<0.0033	U		<0.0018	U		<0.008	U		0.0013	J		0.0023	J		<0.0053	U	
		VMP-25-5-013112	1/31/2012	<0.024	U		<0.013	U		4			0.01	J		0.006	J		<0.038	U	
		VMP-25-5-042512	4/25/2012	<0.037	U		<0.0021	U		<0.0091	U		0.031			<0.012	J	U	<0.006	U	
		VMP-25-5-072612	7/26/2012	<0.13	U		<0.0073	U		2			0.017	J		<0.041	U		<0.021	U	
		VMP-25-5-102612	10/26/2012	<0.052	U		<0.003	U		<0.013	U		0.0035	J		<0.017	U		<0.0085	U	
		VMP-25-5-030613	3/6/2013	<0.05	U		<0.0028	U		0.016			0.0054	J		<0.016	J	U	<0.0081	U	
		VMP-25-5-051713	5/17/2013	<0.053	U		<0.003	U		0.005	J		0.0032	J		<0.017	U		<0.0086	U	
	21 ft	VMP-25-21-031511	3/15/2011	<9.2	U		<5.2	U					<28	U		6.3	J		<15	U	
		VMP-25-21-031511-DUP	3/15/2011	<12	U		<6.7	U					<36	U		9	J		<19	U	
		VMP-25-21-040811	4/8/2011	<98	U		<56	U		14000			<300	U		61	J		<160	U	
		VMP-25-21-040811-DUP	4/8/2011	<99	U		<56	U		13000			<300	U		57	J		<160	U	
		VMP-25-21-080911	8/9/2011	<32	U		<18	U		15000			<97	U		<26	U		<52	U	
		VMP-25-21-111711	11/17/2011	<44	U		<25	U		6800			<130	U		<140	U		<71	U	
		VMP-25-21-111711-DUP	11/17/2011	<64	U		<37	U		6900			<200	U		<210	U		<100	U	
		VMP-25-21-013112	1/31/2012	<23	U		<13	U		8300			<69	U		<18	U		<37	U	
		VMP-25-21-013112-DUP	2/1/2012	<21	U		<12	U		9500			<64	U		<17	U		<34	U	
		VMP-25-21-042512	4/25/2012	<14	U		<8.2	U		12000			<44	U		<12	U		<23	U	
		VMP-25-21-072612	7/26/2012	<24	U		<14	U		15000			<74	U		3	J		<40	U	
		VMP-25-21-102612	10/26/2012	<150	U		<84	U		14000			<440	U		<120	U		<240	U	
		VMP-25-21-030613	3/6/2013	<370	U		<21	U		12000			<110	U		31	J		<60	U	
		VMP-25-21-051713	5/17/2013	<26	U		<15	U		6700			<80	U		<21	U		<43	U	
	31 ft	VMP-25-31-030613	3/6/2013	<49	U		<28	U		6200			<150	U		<40	U		<80	U	
VMP-29	10 ft	VMP-29-10-073012	7/30/2012	<0.41	U		<0.023	U		<0.1	U		12			0.39			<0.067	U	
		VMP-29-10-100812	10/8/2012	<0.73	U		<0.042	U		<0.18	U		22			0.15	J		<0.12	U	
		VMP-29-10-020613	2/6/2013	<0.055	U		<0.0031	U		0.0038	J		0.3			0.021			<0.0089	U	
		VMP-29-10-050613	5/6/2013	<0.053	U		<0.003	U		0.01	J		0.71			0.027			<0.0086	U	
	20 ft	VMP-29-20-073012	7/30/2012	<0.49	U		<0.28	U		<1.2	U		270			0.83			<0.79	U	
		VMP-29-20-073012-Dup	7/30/2012	<0.45	U		<0.26	U		<1.1	U		240			0.74			<0.74	U	
		VMP-29-20-100812	10/8/2012	<0.73	U		<0.042	U		<0.18	U		31			0.23	J		<0.12	U	
		VMP-29-20-020613	2/6/2013	<0.054	U		<0.003	U		0.0084	J		0.75			0.035			<0.0087	U	
		VMP-29-20-050613	5/6/2013	<0.22	U		<0.012	U		<0.053	U		5.5			0.082			<0.035	U	

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Location	Depth	Sample ID	Sample Date	Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			Cyclohexane		
				420			57000						0.92								
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-17	5 ft	VMP-17-5	6/21/2010	<0.006	U		<0.012	U		<0.003	U		<0.007	U		<0.012	U		0.36		
		VMP-17-5-DUP	6/21/2010	<0.006	U		<0.013	U		<0.004	U		<0.007	U		<0.012	U		0.32		
		VMP-17-5-090110	9/1/2010	<0.0062	J	U	<0.011	U		<0.0035	U		<0.0066	U		0.0045	J		0.02		
		VMP-17-5-112210	11/22/2010	<0.0062	U		<0.011	U		<0.0035	U		<0.0066	U		0.0035	J		<0.0046	U	
		VMP-17-5-020711	2/7/2011	<0.0058	U		<0.011	U		<0.0033	U		<0.0062	U		<0.01	U		0.029		
		VMP-17-5-040611	4/6/2011	<0.023	U		<0.043	U		<0.053	U		<0.025	U		<0.042	U		0.034		
		VMP-17-5-080111	8/1/2011	<0.089	U		<0.16	U		<0.2	U		<0.094	U		<0.16	U		0.054	J	
		VMP-17-5-110711	11/7/2011	<0.0039	U		<0.0073	U		<0.009	U		<0.0042	U		<0.0071	U		<0.0029	U	
		VMP-17-5-012612	1/26/2012	<0.0041	U		<0.0076	U		<0.0094	U		<0.0044	U		<0.0074	U		<0.0031	U	
		VMP-17-5-041112	4/11/2012	<0.0042	U		<0.0078	U		<0.0096	U		<0.0045	U		<0.019	U		0.0019	J	
		VMP-17-5-071112	7/11/2012	<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U		0.004		
		VMP-17-5-100912	10/9/2012	<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0052	U	
		VMP-17-5-013113	1/31/2013	<0.024	U		<0.045	U		<0.056	U		<0.026	U		<0.11	U		0.0097	J	
		VMP-17-5-013113-DUP	1/31/2013	<0.024	U		<0.045	U		<0.056	U		<0.026	U		<0.11	U		0.015	J	
		VMP-17-5-050113	5/1/2013	<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0049	U	
VMP-25	5 ft	VMP-25-5-031511	3/15/2011	1			<0.1	U		<0.13	U		0.048	J		<0.1	U		6		
		VMP-25-5-040811	4/8/2011	0.0043	J		<0.047	U		<0.058	U		<0.027	U		<0.045	U		0.12		
		VMP-25-5-080911	8/9/2011	<0.0054	J	U	<0.0099	U		<0.012	U		0.0021	J		<0.0096	U		0.039		
		VMP-25-5-111711	11/17/2011	<0.0039	U		<0.0072	U		<0.0089	U		0.0017	J		<0.0069	U		<0.0029	U	
		VMP-25-5-013112	1/31/2012	0.0072	J		<0.052	U		<0.064	U		<0.03	U		<0.05	U		0.25		
		VMP-25-5-042512	4/25/2012	<0.0044	J	U	<0.0081	U		<0.01	U		0.0036	J		<0.02	U		0.00068	J	
		VMP-25-5-072612	7/26/2012	0.0087	J		<0.028	U		<0.035	U		0.02			<0.068	U		0.48		
		VMP-25-5-102612	10/26/2012	<0.0062	U		<0.011	U		<0.014	U		0.004	J		<0.028	U		<0.0046	U	
		VMP-25-5-030613	3/6/2013	<0.0059	J	U	<0.011	U		<0.014	U		<0.0063	U		<0.026	U		0.0042	J	J
		VMP-25-5-051713	5/17/2013	<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		0.0017	J	
	21 ft	VMP-25-21-031511	3/15/2011	29		J	<20	U		3.7	J		<12	U		<20	U		1400		J
		VMP-25-21-031511-DUP	3/15/2011	44		J	<26	U		<32	U		<15	U		<25	U		2200		J
		VMP-25-21-040811	4/8/2011	<120	U		<210	U		<260	U		<120	U		<210	U		1800		
		VMP-25-21-040811-DUP	4/8/2011	<120	U		<220	U		<270	U		<120	U		<210	U		1700		
		VMP-25-21-080911	8/9/2011	<38	U		<70	U		<87	U		<40	U		<68	U		<28	U	
		VMP-25-21-111711	11/17/2011	<52	U		<96	U		<120	U		9.8	J		<93	U		860		
		VMP-25-21-111711-DUP	11/17/2011	<76	U		<140	U		<180	U		<81	U		<140	U		800		
		VMP-25-21-013112	1/31/2012	<27	U		<50	U		<62	U		<28	U		<48	U		1400		
		VMP-25-21-013112-DUP	2/1/2012	<25	U		<46	U		<58	U		<27	U		<45	U		1600		
		VMP-25-21-042512	4/25/2012	<17	U		<32	U		<39	U		<18	U		62			1400		
		VMP-25-21-072612	7/26/2012	<29	U		<54	U		<66	U		<31	U		<52	U		1400		
		VMP-25-21-102612	10/26/2012	<170	U		<320	U		<400	U		<180	U		<310	U		1400		
		VMP-25-21-030613	3/6/2013	<44	U		<82	U		<100	U		<47	U		<200	U		2300	J	J
		VMP-25-21-051713	5/17/2013	<31	U		<58	U		<72	U		<33	U		<56	U		1300		
	31 ft	VMP-25-31-030613	3/6/2013	<58	U		<110	U		11	J		7.3	J		<100	U		580		
VMP-29	10 ft	VMP-29-10-073012	7/30/2012	<0.049	U		<0.09	U		<0.11	U		<0.052	U		<0.22	U		<0.036	U	
		VMP-29-10-100812	10/8/2012	<0.086	U		<0.16	U		<0.2	U		<0.092	U		<0.39	U		<0.065	U	
		VMP-29-10-020613	2/6/2013	<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0048	U	
		VMP-29-10-050613	5/6/2013	<0.0063	J	U	<0.012	U		<0.014	U		<0.0067	U		<0.028	U		0.0024	J	
	20 ft	VMP-29-20-073012	7/30/2012	<0.58	U		<1.1	U		<1.3	U		<0.61	U		<1	U		<0.43	U	
		VMP-29-20-073012-Dup	7/30/2012	<0.54	U		<1	U		<1.2	U		<0.57	U		<0.97	U		<0.4	U	
		VMP-29-20-100812	10/8/2012	<0.086	U		<0.16	U		<0.2	U		<0.092	U		<0.39	U		<0.065	U	
		VMP-29-20-020613	2/6/2013	<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0048	U	
		VMP-29-20-050613	5/6/2013	<0.026	U		<0.047	U		<0.058	U		<0.027	U		<0.11	U		<0.019	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane		
				0.06			1700						6800						4200		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-17	5 ft	VMP-17-5	6/21/2010	<0.011	U		<0.008	U		<0.008	U		<0.008	U		0.0022	J		<0.005	U	
		VMP-17-5-DUP	6/21/2010	<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.002	J		<0.006	U	
		VMP-17-5-090110	9/1/2010	<0.01	U		0.002	J		<0.0081	U		<0.0081	U		0.0026	J		<0.0054	U	
		VMP-17-5-112210	11/22/2010	<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0022	J		<0.0054	U	
		VMP-17-5-020711	2/7/2011	<0.0097	U		<0.0076	J	U	<0.0076	J	U	<0.0076	J	U	0.0013	J		<0.0051	U	
		VMP-17-5-040611	4/6/2011	<0.039	U		<0.03	U		<0.03	U		<0.03	U		<0.025	U		<0.02	U	
		VMP-17-5-080111	8/1/2011	<0.15	U		<0.12	U		<0.12	U		<0.12	U		<0.095	U		<0.078	U	
		VMP-17-5-110711	11/7/2011	<0.0066	U		<0.0051	U		<0.0051	J	U	<0.0051	J	U	0.0018	J		<0.0035	U	
		VMP-17-5-012612	1/26/2012	<0.0069	U		<0.0054	U		<0.0054	U		<0.0054	U		0.0022	J		<0.0036	U	
		VMP-17-5-041112	4/11/2012	<0.007	U		<0.0055	U		<0.0055	U		<0.0055	J	U	0.0017	J		<0.0037	U	
		VMP-17-5-071112	7/11/2012	<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	U		0.0026	J		<0.004	U	
		VMP-17-5-100912	10/9/2012	<0.012	U		<0.0091	U		<0.0091	U		<0.0091	J	U	0.0021	J		<0.0061	U	
		VMP-17-5-013113	1/31/2013	<0.041	U		<0.032	U		<0.032	U		<0.032	U		<0.026	U		<0.021	U	
		VMP-17-5-013113-DUP	1/31/2013	<0.041	U		<0.032	U		<0.032	U		<0.032	U		<0.026	U		<0.021	U	
		VMP-17-5-050113	5/1/2013	<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0024	J		<0.0058	U	
VMP-25	5 ft	VMP-25-5-031511	3/15/2011	<0.093	U		<0.073	U		<0.073	U		<0.073	U		<0.06	U		<0.049	U	
		VMP-25-5-040811	4/8/2011	<0.042	U		<0.033	J	U	<0.033	U		<0.033	U		<0.027	U		<0.022	U	
		VMP-25-5-080911	8/9/2011	<0.009	J	U	<0.007	J	U	<0.007	J	U	<0.007	J	U	0.0025	J		<0.0047	U	
		VMP-25-5-111711	11/17/2011	<0.0064	U		<0.005	U		<0.005	U		<0.005	U		0.0014	J	J	<0.0034	U	
		VMP-25-5-013112	1/31/2012	<0.047	U		<0.037	U		<0.037	U		<0.037	U		<0.03	U		<0.025	U	
		VMP-25-5-042512	4/25/2012	<0.0073	U		<0.0057	U		<0.0057	U		<0.0057	J	U	0.0023	J		<0.0039	U	
		VMP-25-5-072612	7/26/2012	<0.025	U		<0.02	U		<0.02	U		<0.02	J	U	<0.016	U		<0.013	U	
		VMP-25-5-102612	10/26/2012	<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		<0.0066	U		<0.0054	U	
		VMP-25-5-030613	3/6/2013	<0.0099	U		<0.0077	J	U	<0.0077	J	U	<0.0077	J	U	0.0017	J		<0.0052	U	
		VMP-25-5-051713	5/17/2013	<0.01	U		<0.0082	U		<0.0082	U		<0.0082	J	U	0.0022	J		<0.0055	U	
	21 ft	VMP-25-21-031511	3/15/2011	<18	U		<14	U		<14	U		<14	U		<12	U		<9.6	U	
		VMP-25-21-031511-DUP	3/15/2011	<23	U		<18	U		<18	U		<18	U		<15	U		<12	U	
		VMP-25-21-040811	4/8/2011	<190	U		22	J		<150	U		<150	U		<120	U		<100	U	
		VMP-25-21-040811-DUP	4/8/2011	<200	U		<150	U		<150	U		<150	U		<130	U		<100	U	
		VMP-25-21-080911	8/9/2011	<63	U		<50	U		<50	U		<50	U		<41	U		<33	U	
		VMP-25-21-111711	11/17/2011	<86	U		<68	U		<68	U		<68	U		<56	U	UJ	<46	U	
		VMP-25-21-111711-DUP	11/17/2011	<130	U		<100	U		<100	U		<100	U		<82	U	UJ	<67	U	
		VMP-25-21-013112	1/31/2012	<45	U		<35	U		<35	U		<35	U		<29	U		<24	U	
		VMP-25-21-013112-DUP	2/1/2012	<42	U		<33	U		<33	U		<33	U		<27	U		<22	U	
		VMP-25-21-042512	4/25/2012	<29	U		<22	U		<22	U		<22	U		<18	U		<15	U	
		VMP-25-21-072612	7/26/2012	<48	U		<38	U		<38	U		<38	U		<31	U		<26	U	
		VMP-25-21-102612	10/26/2012	<290	U		<230	U		<230	U		<230	U		<190	U		<150	U	
		VMP-25-21-030613	3/6/2013	<74	U		<58	U		<58	U		<58	U		<47	U		7.7	J	
		VMP-25-21-051713	5/17/2013	<52	U		<41	U		<41	U		<41	U		<34	U		<28	U	
	31 ft	VMP-25-31-030613	3/6/2013	<98	U		<76	U		<76	U		<76	U		<63	U		<51	U	
VMP-29	10 ft	VMP-29-10-073012	7/30/2012	<0.081	U		<0.064	U		<0.064	U		<0.064	U		<0.052	U		<0.043	U	
		VMP-29-10-100812	10/8/2012	<0.14	U		<0.11	U		<0.11	U		<0.11	U		<0.093	U		<0.076	U	
		VMP-29-10-020613	2/6/2013	<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0025	J		<0.0057	U	
		VMP-29-10-050613	5/6/2013	<0.01	U		<0.0082	U		<0.0082	J	U	<0.0082	J	U	0.0024	J		<0.0055	U	
	20 ft	VMP-29-20-073012	7/30/2012	<0.96	U		<0.75	U		<0.75	U		<0.75	U		<0.62	U		<0.51	U	
		VMP-29-20-073012-Dup	7/30/2012	<0.9	U		<0.7	U		<0.7	U		<0.7	U		<0.58	U		<0.47	U	
		VMP-29-20-100812	10/8/2012	<0.14	U		<0.11	U		<0.11	U		<0.11	U		<0.093	U		<0.076	U	
		VMP-29-20-020613	2/6/2013	<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U	
		VMP-29-20-050613	5/6/2013	<0.043	U		<0.033	U		<0.033	U		<0.033	U		<0.027	U		<0.022	U	

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Location	Depth	Sample ID	Sample Date	1,2-Dichloroethane			1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene			1,2-Dichloropropane		
				0.81			1600			1100000			510			45			0.46		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-17	5 ft	VMP-17-5	6/21/2010	<0.005	U		<0.005	U		<0.005	U		<0.005	U		<0.005	U		<0.006	U	
		VMP-17-5-DUP	6/21/2010	<0.006	U		<0.005	U		<0.005	U		<0.005	U		<0.005	U		<0.006	U	
		VMP-17-5-090110	9/1/2010	<0.0054	U		<0.0053	U		<0.0053	U		<0.0053	U		<0.0047	U		<0.0062	U	
		VMP-17-5-112210	11/22/2010	<0.0054	U		<0.0053	U		<0.0053	U		<0.0053	U		<0.0047	U		<0.0062	U	
		VMP-17-5-020711	2/7/2011	<0.0051	U		<0.005	U		<0.005	U		<0.005	U		0.001	J		<0.0058	U	
		VMP-17-5-040611	4/6/2011	<0.02	U		<0.02	U		<0.02	U		<0.02	U		<0.018	U		<0.023	U	
		VMP-17-5-080111	8/1/2011	<0.078	U		<0.076	U		<0.076	U		<0.076	U		<0.067	U		<0.089	U	
		VMP-17-5-110711	11/7/2011	<0.0035	U		<0.0034	U		<0.0034	U		<0.0034	U		<0.003	J	U	<0.004	U	
		VMP-17-5-012612	1/26/2012	<0.0036	U		<0.0035	U		0.0092			<0.0035	U		0.0011	J		<0.0041	U	
		VMP-17-5-041112	4/11/2012	<0.0037	U		<0.0036	U		<0.0036	U		<0.0036	U		<0.032	J	U	0.00079	J	
		VMP-17-5-071112	7/11/2012	<0.004	U		<0.0039	U		<0.0039	U		<0.0039	U		<0.034	U		<0.0045	U	
		VMP-17-5-100912	10/9/2012	<0.0061	U		<0.006	U		<0.006	U		<0.006	U		0.0023	J		<0.007	U	
		VMP-17-5-013113	1/31/2013	<0.021	U		<0.021	U		<0.021	U		<0.021	U		<0.18	U		<0.024	U	
		VMP-17-5-013113-DUP	1/31/2013	<0.021	U		<0.021	U		<0.021	U		<0.021	U		<0.18	U		<0.024	U	
		VMP-17-5-050113	5/1/2013	<0.0058	U		<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U	
VMP-25	5 ft	VMP-25-5-031511	3/15/2011	<0.049	U		<0.048	U		<0.048	U		<0.048	U		<0.042	U		<0.056	U	
		VMP-25-5-040811	4/8/2011	<0.022	U		<0.022	U		<0.022	U		<0.022	U		0.0095	J		<0.025	U	
		VMP-25-5-080911	8/9/2011	0.0022	J		<0.0046	U		<0.0046	U		<0.0046	U		0.026			0.0029	J	
		VMP-25-5-111711	11/17/2011	<0.0034	U		<0.0033	U		<0.0033	U		<0.0033	U		0.001	J		<0.0039	U	
		VMP-25-5-013112	1/31/2012	<0.025	U		<0.024	U		<0.024	U		<0.024	U		<0.021	U		<0.028	U	
		VMP-25-5-042512	4/25/2012	<0.0039	U		<0.0038	U		<0.0038	U		<0.0038	U		<0.033	J	U	<0.0044	U	
		VMP-25-5-072612	7/26/2012	<0.013	U		<0.013	U		<0.013	U		<0.013	U		<0.11	J	U	<0.015	U	
		VMP-25-5-102612	10/26/2012	<0.0054	U		<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U	
		VMP-25-5-030613	3/6/2013	<0.0052	U		<0.0051	U		<0.0051	U		<0.0051	U		<0.045	J	U	<0.0059	U	
		VMP-25-5-051713	5/17/2013	<0.0055	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.048	J	U	<0.0063	U	
	21 ft	VMP-25-21-031511	3/15/2011	<9.6	U		<9.4	U		<9.4	U		<9.4	U		2.7	J		<11	U	
		VMP-25-21-031511-DUP	3/15/2011	<12	U		<12	U		<12	U		<12	U		<10	U		<14	U	
		VMP-25-21-040811	4/8/2011	<100	U		<100	U		<100	U		<100	U		<88	U		<120	U	
		VMP-25-21-040811-DUP	4/8/2011	<100	U		<100	U		<100	U		<100	U		<88	U		<120	U	
		VMP-25-21-080911	8/9/2011	<33	U		22	J		11	J		<33	U		<29	U		<38	U	
		VMP-25-21-111711	11/17/2011	<46	U		<45	U		<45	U		<45	U		15	J		<52	U	
		VMP-25-21-111711-DUP	11/17/2011	<67	U		<66	U		<66	U		<66	U		18	J		<77	U	
		VMP-25-21-013112	1/31/2012	<24	U		<23	U		<23	U		<23	U		<20	U		<27	U	
		VMP-25-21-013112-DUP	2/1/2012	<22	U		<22	U		<22	U		<22	U		<19	U		<25	U	
		VMP-25-21-042512	4/25/2012	<15	U		<15	U		<15	U		<15	U		<13	U		<17	U	
		VMP-25-21-072612	7/26/2012	<25	U		<25	U		<25	U		<25	U		8.6	J		<29	U	
		VMP-25-21-102612	10/26/2012	<150	U		<150	U		<150	U		<150	U		15	J		<170	U	
		VMP-25-21-030613	3/6/2013	<39	U		<38	U		<38	U		<38	U		9.1	J		<44	U	
		VMP-25-21-051713	5/17/2013	<28	U		<27	U		<27	U		<27	U		<24	U		<31	U	
	31 ft	VMP-25-31-030613	3/6/2013	<51	U		<50	U		<50	U		<50	U		30	J		<59	U	
VMP-29	10 ft	VMP-29-10-073012	7/30/2012	<0.043	U		<0.042	U		<0.042	U		<0.042	U		<0.37	U		<0.049	U	
		VMP-29-10-100812	10/8/2012	<0.076	U		<0.074	U		<0.074	U		<0.074	U		<0.65	U		<0.087	U	
		VMP-29-10-020613	2/6/2013	<0.0057	U		<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U	
		VMP-29-10-050613	5/6/2013	<0.0055	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U	
	20 ft	VMP-29-20-073012	7/30/2012	<0.51	U		<0.5	U		<0.5	U		<0.5	U		<0.44	U		<0.58	U	
		VMP-29-20-073012-Dup	7/30/2012	<0.47	U		<0.46	U		<0.46	U		<0.46	U		<0.41	U		<0.54	U	
		VMP-29-20-100812	10/8/2012	<0.076	U		<0.074	U		<0.074	U		<0.074	U		<0.65	U		<0.087	U	
		VMP-29-20-020613	2/6/2013	<0.0056	U		<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U	
		VMP-29-20-050613	5/6/2013	<0.022	U		<0.022	U		<0.022	U		<0.022	U		<0.19	U		<0.026	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene		
				6.2			6.2			2.3						8300					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-17	5 ft	VMP-17-5	6/21/2010	<0.006	U		<0.006	U		<0.021	U		<0.011	U		<0.006	U		<0.007	U	
		VMP-17-5-DUP	6/21/2010	<0.006	U		<0.006	U		<0.022	U		<0.011	U		<0.006	U		<0.007	U	
		VMP-17-5-090110	9/1/2010	<0.0061	U		<0.0061	U		0.0033	J		0.022			0.0039	J	J	<0.0066	U	
		VMP-17-5-112210	11/22/2010	<0.0061	U		<0.0061	U		0.0036	J		0.011			<0.0058	U		<0.0066	U	
		VMP-17-5-020711	2/7/2011	<0.0057	U		<0.0057	U		0.0034	J		<0.0095	U		<0.0055	U		<0.0062	U	
		VMP-17-5-040611	4/6/2011	<0.023	U		<0.023	U		<0.073	U		<0.038	U		<0.022	U		<0.025	U	
		VMP-17-5-080111	8/1/2011	<0.087	U		<0.087	U		<0.28	U		0.17			<0.084	U		<0.095	U	
		VMP-17-5-110711	11/7/2011	<0.0039	U		<0.0039	U		<0.012	U		0.044			<0.0037	U		<0.0042	J	U
		VMP-17-5-012612	1/26/2012	<0.0041	U		<0.0041	U		<0.013	U		0.0099			0.0012	J		<0.0044	U	
		VMP-17-5-041112	4/11/2012	<0.0042	U		<0.0042	U		<0.013	U		0.015			0.0023	J		<0.0045	U	
		VMP-17-5-071112	7/11/2012	<0.0044	U		<0.0044	U		<0.014	U		0.064			0.0031	J		<0.0048	J	U
		VMP-17-5-100912	10/9/2012	<0.0069	U		<0.0069	U		<0.022	U		0.0052	J		<0.0066	U		0.0045	J	
		VMP-17-5-013113	1/31/2013	<0.024	U		<0.024	U		<0.076	U		<0.04	U		0.0047	J		0.0096	J	
		VMP-17-5-013113-DUP	1/31/2013	<0.024	U		<0.024	U		<0.076	U		<0.04	U		<0.023	U		0.0055	J	
		VMP-17-5-050113	5/1/2013	<0.0065	U		<0.0065	U		<0.021	U		0.0016	J		<0.0062	U		<0.007	U	
VMP-25	5 ft	VMP-25-5-031511	3/15/2011	<0.055	U		<0.055	U		<0.17	U		<0.091	U		0.07			0.12		
		VMP-25-5-040811	4/8/2011	<0.025	U		<0.025	U		<0.079	U		0.033	J		<0.024	U		<0.027	U	
		VMP-25-5-080911	8/9/2011	<0.0053	U		<0.0053	J	U	<0.017	U		0.1			0.01			<0.0057	J	U
		VMP-25-5-111711	11/17/2011	<0.0038	U		<0.0038	U		<0.012	U		0.0071			<0.0036	U		<0.0041	U	
		VMP-25-5-013112	1/31/2012	<0.028	U		<0.028	U		<0.088	U		<0.046	U		0.0044	J		<0.03	U	
		VMP-25-5-042512	4/25/2012	<0.0043	U		<0.0043	U		<0.014	U		0.058			0.003	J		0.0019	J	
		VMP-25-5-072612	7/26/2012	<0.015	U		<0.015	U		<0.047	U		0.019	J		0.014			0.01	J	
		VMP-25-5-102612	10/26/2012	<0.0061	U		<0.0061	U		<0.019	U		0.048			<0.0058	U		<0.0066	U	
		VMP-25-5-030613	3/6/2013	<0.0058	U		<0.0058	J	U	<0.018	U		0.0069	J		0.0023	J		0.0018	J	
		VMP-25-5-051713	5/17/2013	<0.0062	U		<0.0062	J	U	<0.02	U		0.02			<0.0059	U		0.0021	J	J
	21 ft	VMP-25-21-031511	3/15/2011	<11	U		<11	U		<34	U		12	J		11			1.7	J	
		VMP-25-21-031511-DUP	3/15/2011	<14	U		<14	U		<44	U		14	J		11	J		<15	U	
		VMP-25-21-040811	4/8/2011	<110	U		<110	U		<360	U		<190	U		<110	U		<120	U	
		VMP-25-21-040811-DUP	4/8/2011	<120	U		<120	U		<370	U		<190	U		<110	U		<120	U	
		VMP-25-21-080911	8/9/2011	<37	U		<37	U		<120	U		<62	U		210			190		
		VMP-25-21-111711	11/17/2011	<51	U		<51	U		<160	U		<85	U		<49	U		<55	U	
		VMP-25-21-111711-DUP	11/17/2011	<75	U		<75	U		<240	U		<120	U		<72	U		<82	U	
		VMP-25-21-013112	1/31/2012	<26	U		<26	U		<84	U		<44	U		<25	U		<29	U	
		VMP-25-21-013112-DUP	2/1/2012	<25	U		<25	U		<78	U		<41	U		<24	U		<27	U	
		VMP-25-21-042512	4/25/2012	<17	U		<17	U		<54	U		<28	U		<16	U		<18	U	
		VMP-25-21-072612	7/26/2012	<28	U		<28	U		<91	U		<47	U		<27	U		<31	U	
		VMP-25-21-102612	10/26/2012	<170	U		<170	U		<540	U		<280	U		<160	U		<180	U	
		VMP-25-21-030613	3/6/2013	<44	U		<44	U		<140	U		<72	U		<42	U		<47	U	
		VMP-25-21-051713	5/17/2013	<31	U		<31	U		<98	U		<51	U		12	J		<33	U	
	31 ft	VMP-25-31-030613	3/6/2013	<58	U		<58	U		<180	U		15	J		<55	U		<62	U	
VMP-29	10 ft	VMP-29-10-073012	7/30/2012	<0.048	U		<0.048	U		<0.15	U		0.034	J		<0.046	U		<0.052	U	
		VMP-29-10-100812	10/8/2012	<0.085	U		<0.085	U		<0.27	U		<0.14	U		<0.082	U		<0.092	U	
		VMP-29-10-020613	2/6/2013	<0.0064	U		<0.0064	U		<0.02	U		0.018			<0.0061	U		<0.0069	U	
		VMP-29-10-050613	5/6/2013	<0.0062	U		<0.0062	U		<0.02	U		0.0093	J		<0.0059	U		<0.0067	J	U
	20 ft	VMP-29-20-073012	7/30/2012	<0.57	U		<0.57	U		<1.8	U		0.3	J		<0.54	U		<0.62	U	
		VMP-29-20-073012-Dup	7/30/2012	<0.53	U		<0.53	U		<1.7	U		0.19	J		<0.51	U		<0.58	U	
		VMP-29-20-100812	10/8/2012	<0.085	U		<0.085	U		<0.27	U		0.077	J		<0.082	U		<0.092	U	
		VMP-29-20-020613	2/6/2013	<0.0063	U		<0.0063	U		<0.02	U		0.01	J		<0.006	U		<0.0068	J	U
		VMP-29-20-050613	5/6/2013	<0.025	U		<0.025	U		<0.08	U		<0.042	U		<0.024	U		<0.027	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-17	5 ft	VMP-17-5	6/21/2010	<0.011	U		<0.01	U		0.023			<0.062	U		0.41			<0.024	U	
		VMP-17-5-DUP	6/21/2010	<0.011	U		<0.01	U		0.019			<0.064	U		0.35			<0.024	U	
		VMP-17-5-090110	9/1/2010	<0.01	U	U	<0.0094	U		0.043			<0.057	U	UJ	0.088			<0.022	U	
		VMP-17-5-112210	11/22/2010	<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0013	J		<0.022	U	
		VMP-17-5-020711	2/7/2011	<0.0096	U		<0.0088	U		0.016			<0.054	U		0.02			<0.021	U	
		VMP-17-5-040611	4/6/2011	<0.039	U		<0.035	U		0.025			<0.22	U		0.11			<0.083	U	
		VMP-17-5-080111	8/1/2011	<0.15	U		<0.13	U		0.028	J		<0.82	U		0.24			<0.32	U	
		VMP-17-5-110711	11/7/2011	<0.0066	U		<0.006	U		0.0009	J		<0.036	U		0.00088	J		0.00053	J	
		VMP-17-5-012612	1/26/2012	<0.0068	U		<0.0062	U		<0.0037	U		<0.038	U		0.00056	J		<0.015	U	
		VMP-17-5-041112	4/11/2012	<0.007	U		<0.0064	U		0.0022	J		<0.039	U		0.0025	J		<0.015	U	
		VMP-17-5-071112	7/11/2012	<0.0075	U		<0.0068	U		0.0035	J		<0.042	U		0.0047			<0.016	J	U
		VMP-17-5-100912	10/9/2012	<0.012	U		<0.01	U		<0.0062	U		<0.065	U		<0.0053	U		<0.025	U	
		VMP-17-5-013113	1/31/2013	<0.041	U		<0.037	U		<0.022	U		<0.23	U		0.0065	J		<0.087	U	
		VMP-17-5-013113-DUP	1/31/2013	<0.041	U		<0.037	U		0.0063	J		<0.23	U		0.015	J		<0.087	U	
		VMP-17-5-050113	5/1/2013	<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U		<0.023	U	
VMP-25	5 ft	VMP-25-5-031511	3/15/2011	<0.093	U		<0.084	U		0.6			<0.52	U		1.3			<0.2	U	
		VMP-25-5-040811	4/8/2011	<0.042	U		<0.038	U		<0.022	U		<0.23	U		0.093			<0.09	U	
		VMP-25-5-080911	8/9/2011	<0.0089	U		<0.0081	U		0.034			<0.05	U		0.1			<0.019	U	
		VMP-25-5-111711	11/17/2011	<0.0064	U		<0.0059	U		<0.0034	U		<0.036	U		<0.003	U		<0.014	U	
		VMP-25-5-013112	1/31/2012	<0.047	U		<0.043	U		0.072			<0.26	U		0.41			<0.1	U	
		VMP-25-5-042512	4/25/2012	<0.0073	U		<0.0067	U		0.0016	J		<0.041	U		0.0024	J		<0.016	U	
		VMP-25-5-072612	7/26/2012	<0.025	U		<0.023	U		0.18			<0.14	U		0.51			<0.054	U	
		VMP-25-5-102612	10/26/2012	<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U		<0.022	U	
		VMP-25-5-030613	3/6/2013	<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		0.0023	J		<0.021	U	
		VMP-25-5-051713	5/17/2013	<0.01	U		<0.0096	U		0.002	J		<0.058	U		0.0044	J		<0.022	U	
	21 ft	VMP-25-21-031511	3/15/2011	<18	U		<16	U		420		J	<100	U		1700		J	<39	U	
		VMP-25-21-031511-DUP	3/15/2011	<23	U		<21	U		650		J	<130	U		2700		J	<50	U	
		VMP-25-21-040811	4/8/2011	<190	U		<180	U		480			<1100	U		2100			<410	U	
		VMP-25-21-040811-DUP	4/8/2011	<200	U		<180	U		510			<1100	U		2100			<420	U	
		VMP-25-21-080911	8/9/2011	<63	U		<58	U		700			<350	U		2800			<140	U	
		VMP-25-21-111711	11/17/2011	<86	U		<79	U		120			<480	U		840			<180	U	
		VMP-25-21-111711-DUP	11/17/2011	<130	U		<120	U		110			<710	U		800			<270	U	
		VMP-25-21-013112	1/31/2012	<45	U		<41	U		310			<250	U		1700			<96	U	
		VMP-25-21-013112-DUP	2/1/2012	<42	U		<38	U		370			<230	U		1900			<89	U	
		VMP-25-21-042512	4/25/2012	<28	U		<26	U		300			<160	U		1900			<61	U	
		VMP-25-21-072612	7/26/2012	<48	U		<44	U		330			<270	U		2200			<100	U	
		VMP-25-21-102612	10/26/2012	<290	U		<260	U		350			<1600	U		2000			<620	U	
		VMP-25-21-030613	3/6/2013	<74	U		<67	U		530			<410	U		2200			<160	U	
		VMP-25-21-051713	5/17/2013	<52	U		<48	U		210			<290	U		1000			<110	U	
	31 ft	VMP-25-31-030613	3/6/2013	<97	U		<89	U		60			<540	U		280			<210	U	
VMP-29	10 ft	VMP-29-10-073012	7/30/2012	<0.081	U		<0.074	U		<0.043	U		<0.45	U		<0.037	U		<0.17	U	
		VMP-29-10-100812	10/8/2012	<0.14	U		<0.13	U		<0.077	U		<0.8	U		<0.066	U		<0.31	U	
		VMP-29-10-020613	2/6/2013	<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U		<0.023	U	
		VMP-29-10-050613	5/6/2013	<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.0017	J		<0.022	U	
	20 ft	VMP-29-20-073012	7/30/2012	<0.96	U		<0.88	U		<0.51	U		<5.4	U		<0.44	U		<2	U	
		VMP-29-20-073012-Dup	7/30/2012	<0.9	U		<0.82	U		<0.48	U		<5	U		<0.41	U		<1.9	U	
		VMP-29-20-100812	10/8/2012	<0.14	U		<0.13	U		<0.077	U		<0.8	U		<0.066	U		<0.31	U	
		VMP-29-20-020613	2/6/2013	<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0012	J		<0.023	U	
		VMP-29-20-050613	5/6/2013	<0.042	U		<0.039	U		<0.023	U		<0.24	U		<0.02	U		<0.091	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene		
							3500						23000								
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-17	5 ft	VMP-17-5	6/21/2010				<0.007	U		<0.006	U		<0.005	U		2.1	E	J	<0.007	U	
		VMP-17-5-DUP	6/21/2010				<0.007	U		<0.006	U		<0.005	U		1.6	E	J	<0.007	U	
		VMP-17-5-090110	9/1/2010				<0.0066	U		<0.0055	U		<0.0048	U		0.027			<0.0066	U	
		VMP-17-5-112210	11/22/2010				<0.0066	U		<0.0055	U		<0.0048	U		0.022			<0.0066	U	
		VMP-17-5-020711	2/7/2011				<0.0062	U		<0.0052	U		<0.0045	U		0.004	J		<0.0062	J	U
		VMP-17-5-040611	4/6/2011	0.18			<0.025	U		<0.021	U		<0.018	U		<0.05	U		<0.025	U	
		VMP-17-5-080111	8/1/2011	12			0.035	J		0.088			<0.069	U		<0.19	U		<0.095	U	
		VMP-17-5-110711	11/7/2011	0.0054	J		0.0017	J		0.012			<0.0031	U		0.011			<0.0042	U	
		VMP-17-5-012612	1/26/2012	0.0026	J		0.0056			0.039			<0.0032	U		0.039			<0.0044	U	
		VMP-17-5-041112	4/11/2012	0.0034	J		0.027			0.073			<0.0033	U		0.045			<0.0045	J	U
		VMP-17-5-071112	7/11/2012	0.025			0.039			0.25			<0.0035	U		0.11			<0.0048	J	U
		VMP-17-5-100912	10/9/2012	<0.018	U		<0.0074	U		<0.0062	U		<0.0055	U		0.0049	J		<0.0074	U	
		VMP-17-5-013113	1/31/2013	0.036	J		0.012	J		<0.022	U		<0.019	U		0.0065	J		0.0062	J	
		VMP-17-5-013113-DUP	1/31/2013	0.13			0.0068	J		<0.022	U		<0.019	U		<0.052	U		<0.026	J	U
		VMP-17-5-050113	5/1/2013	0.002	J		<0.007	U		<0.0058	U		<0.0052	U		<0.014	U		<0.007	U	
VMP-25	5 ft	VMP-25-5-031511	3/15/2011				0.28			<0.05	U		<0.044	U		<0.12	U		0.46		
		VMP-25-5-040811	4/8/2011	0.27			<0.027	U		<0.022	U		0.019	J		<0.054	U		<0.027	U	
		VMP-25-5-080911	8/9/2011	0.53			0.0083			0.039			0.0023	J		0.12			<0.0057	J	U
		VMP-25-5-111711	11/17/2011	0.0036	J		0.00079	J		0.0037			<0.003	U		0.0024	J		<0.0041	U	
		VMP-25-5-013112	1/31/2012	6.3			0.0054	J		0.082			<0.022	U		0.026	J		<0.03	U	
		VMP-25-5-042512	4/25/2012	0.0041	J		0.024			0.086			<0.0034	U		0.037			<0.0047	U	
		VMP-25-5-072612	7/26/2012	3			0.024			0.098			<0.012	U		0.039			0.013	J	
		VMP-25-5-102612	10/26/2012	0.014	J		0.013			0.018			<0.0048	U		0.0096	J	J	<0.0066	U	
		VMP-25-5-030613	3/6/2013	0.029			0.0026	J		<0.0053	U		<0.0046	U		0.022			0.0075		
		VMP-25-5-051713	5/17/2013	0.018			<0.0067	U		0.0013	J		<0.0049	U		0.032			<0.0067	U	
	21 ft	VMP-25-21-031511	3/15/2011				4.3	J		<9.7	U		<8.5	U		15	J		6.7	J	
		VMP-25-21-031511-DUP	3/15/2011				6.7	J		<12	U		<11	U		27	J		9.3	J	
		VMP-25-21-040811	4/8/2011	23000			<120	U		<100	U		<91	U		38	J		17	J	
		VMP-25-21-040811-DUP	4/8/2011	23000			<120	U		<100	U		<92	U		<250	U		<120	U	
		VMP-25-21-080911	8/9/2011	19000			9.7	J		<34	U		<30	U		<81	U		36	J	
		VMP-25-21-111711	11/17/2011	14000			<55	U		<46	U		<40	U		<110	U		<55	U	
		VMP-25-21-111711-DUP	11/17/2011	14000			<82	U		<68	U		<60	U		<160	U		<82	U	
		VMP-25-21-013112	1/31/2012	20000			<29	U		<24	U		<21	U		<58	U		<29	U	
		VMP-25-21-013112-DUP	2/1/2012	22000			<27	U		<22	U		<20	U		<54	U		<27	U	
		VMP-25-21-042512	4/25/2012	21000			<18	U		<15	U		<13	U		<37	U		<18	U	
		VMP-25-21-072612	7/26/2012	22000			<31	U		<26	U		<23	U		<62	U		<31	U	
		VMP-25-21-102612	10/26/2012	20000			<180	U		<150	U		<140	U		<370	U		<180	U	
		VMP-25-21-030613	3/6/2013	20000			<47	U		<39	U		<35	U		<94	U		<47	U	
		VMP-25-21-051713	5/17/2013	16000			<33	U		<28	U		<24	U		<67	U		<33	U	
	31 ft	VMP-25-31-030613	3/6/2013	23000			<62	U		<52	U		7.4	J		5.6	J		<62	U	
VMP-29	10 ft	VMP-29-10-073012	7/30/2012	<0.12	U		0.025	J		0.082			<0.038	U		0.065	J		<0.052	U	
		VMP-29-10-100812	10/8/2012	<0.22	U		<0.092	U		0.059	J		<0.068	U		0.047	J		<0.092	U	
		VMP-29-10-020613	2/6/2013	0.0031	J		<0.0069	U		0.0028	J		<0.0051	U		0.044			<0.0069	U	
		VMP-29-10-050613	5/6/2013	0.048			<0.0067	U		<0.0056	U		<0.0049	U		0.021			<0.0067	U	
	20 ft	VMP-29-20-073012	7/30/2012	<1.5	U		<0.62	U		<0.51	U		<0.45	U		0.95	J		<0.62	U	
		VMP-29-20-073012-Dup	7/30/2012	<1.4	U		<0.58	U		<0.48	U		<0.42	U		0.86	J		<0.58	U	
		VMP-29-20-100812	10/8/2012	<0.22	U		<0.092	U		0.093			<0.068	U		0.097	J		<0.092	U	
		VMP-29-20-020613	2/6/2013	0.0081	J		<0.0068	J	U	0.01			<0.005	U		0.04			<0.0068	U	
		VMP-29-20-050613	5/6/2013	<0.066	U		<0.027	U		<0.023	U		<0.02	U		<0.054	U		<0.027	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
				8500						4						40000			50		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-17	5 ft	VMP-17-5	6/21/2010	<0.006	U		<0.01	U		<0.009	J	U	<0.004	U		0.001	J		<0.043	U	
		VMP-17-5-DUP	6/21/2010	<0.006	U		<0.01	U		<0.01	J	U	<0.004	U		<0.005	U		<0.044	U	
		VMP-17-5-090110	9/1/2010	<0.0057	U		<0.0092	U		<0.0091	J	U	0.0034	J		0.0078			<0.04	J	UJ
		VMP-17-5-112210	11/22/2010	0.0027	J		<0.0092	U		<0.0091	J	U	<0.004	U		<0.0051	J	U	<0.04	U	
		VMP-17-5-020711	2/7/2011	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0021	J		<0.037	J	U
		VMP-17-5-040611	4/6/2011	<0.022	U		<0.035	U		<0.034	U		<0.015	U		<0.019	U		<0.15	U	
		VMP-17-5-080111	8/1/2011	<0.082	U		<0.13	U		<0.13	U		<0.057	U		0.052	J		<0.57	U	
		VMP-17-5-110711	11/7/2011	<0.0036	U		<0.0059	U		<0.0058	U		<0.0025	U		0.015			<0.025	U	
		VMP-17-5-012612	1/26/2012	<0.0038	U		<0.0061	U		<0.0061	U		<0.0026	U		0.0081			<0.026	U	
		VMP-17-5-041112	4/11/2012	<0.0039	J	U	<0.0063	U		<0.0062	J	U	0.0047			0.018			<0.027	U	
		VMP-17-5-071112	7/11/2012	<0.0042	J	U	<0.0067	U		<0.0066	U		0.002	J		0.063			<0.029	U	
		VMP-17-5-100912	10/9/2012	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		0.0011	J		<0.045	U	
		VMP-17-5-013113	1/31/2013	<0.022	U		<0.036	U		<0.036	U		<0.016	U		0.0028	J		<0.16	J	U
		VMP-17-5-013113-DUP	1/31/2013	<0.022	U		<0.036	U		<0.036	U		<0.016	U		<0.02	J	U	<0.16	U	
		VMP-17-5-050113	5/1/2013	<0.0061	U		<0.0098	U		<0.0097	J	U	<0.0042	U		<0.0054	J	U	<0.042	U	
VMP-25	5 ft	VMP-25-5-031511	3/15/2011	<0.052	U		<0.083	U		<0.082	U		<0.036	U		0.042	J		<0.36	U	UJ
		VMP-25-5-040811	4/8/2011	<0.023	U		<0.038	U		<0.037	U		<0.016	U		0.0071	J		<0.16	U	
		VMP-25-5-080911	8/9/2011	0.0052			<0.008	U		0.0057	J		<0.0034	U		1			<0.034	J	U
		VMP-25-5-111711	11/17/2011	<0.0036	U		<0.0058	U		<0.0057	U		<0.0025	U		0.0026	J		<0.025	U	
		VMP-25-5-013112	1/31/2012	<0.026	U		<0.042	U		0.0068	J		<0.018	U		0.012	J		<0.18	U	
		VMP-25-5-042512	4/25/2012	0.001	J		<0.0066	U		<0.0065	J	U	0.0058			0.019			<0.028	U	
		VMP-25-5-072612	7/26/2012	0.0037	J		<0.022	U		0.0084	J		<0.0097	U		0.042			<0.098	U	
		VMP-25-5-102612	10/26/2012	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0036	J		<0.1	U	UJ
		VMP-25-5-030613	3/6/2013	<0.0055	U		<0.0088	U	UJ	<0.0087	J	U	0.0008	J		0.0053			<0.038	J	U
		VMP-25-5-051713	5/17/2013	<0.0058	U		<0.0094	U		0.0017	J		<0.004	U		0.0023	J		<0.041	U	
	21 ft	VMP-25-21-031511	3/15/2011	1.4	J		<16	U		<16	U		<7	U		27			<70	U	
		VMP-25-21-031511-DUP	3/15/2011	<13	U		<21	U		<20	U		<8.9	U		16			<90	U	
		VMP-25-21-040811	4/8/2011	<110	U		<170	U		<170	U		<74	U		12	J		<750	U	
		VMP-25-21-040811-DUP	4/8/2011	<110	U		<180	U		<170	U		<75	U		<96	U		<760	U	
		VMP-25-21-080911	8/9/2011	<35	U		<57	U		270			<24	U		1200			<240	U	
		VMP-25-21-111711	11/17/2011	<48	U		<77	U		<76	U		<33	U		<42	U		<330	U	
		VMP-25-21-111711-DUP	11/17/2011	<71	U		<110	U		<110	U		<49	U		<62	U		<490	U	
		VMP-25-21-013112	1/31/2012	<25	U		<40	U		<40	U		<17	U		<22	U		<170	U	
		VMP-25-21-013112-DUP	2/1/2012	<23	U		<37	U		<37	U		<16	U		<20	U		<160	U	
		VMP-25-21-042512	4/25/2012	<16	U		<26	U		<25	U		<11	U		<14	U		<110	U	
		VMP-25-21-072612	7/26/2012	<27	U		<43	U		<43	U		<18	U		2.4	J		<190	U	
		VMP-25-21-102612	10/26/2012	<160	U		<260	U		<260	U		<110	U		<140	U		<1100	U	UJ
		VMP-25-21-030613	3/6/2013	<41	U		<66	U	UJ	<65	U		<28	U		4.2	J		<280	U	
		VMP-25-21-051713	5/17/2013	<29	U		<47	U		<46	U		<20	U		14	J		<200	U	
	31 ft	VMP-25-31-030613	3/6/2013	<54	U		<87	U		10	J		<37	U		12	J		<380	U	
VMP-29	10 ft	VMP-29-10-073012	7/30/2012	<0.045	U		<0.073	U		<0.072	U		8.6			0.055			<0.31	U	
		VMP-29-10-100812	10/8/2012	<0.08	U		<0.13	U		<0.13	U		14			0.016	J		<0.56	U	
		VMP-29-10-020613	2/6/2013	<0.006	U		<0.0097	U		<0.0096	J	U	0.29			<0.0053	J	U	<0.042	U	
		VMP-29-10-050613	5/6/2013	<0.0058	U		<0.0094	U		<0.0092	J	U	0.6			<0.0051	J	U	<0.04	J	U
	20 ft	VMP-29-20-073012	7/30/2012	<0.53	U		<0.86	U		<0.85	U		190			0.045	J		<3.7	U	
		VMP-29-20-073012-Dup	7/30/2012	<0.5	U		<0.8	U		<0.79	U		170			0.041	J		<3.5	U	
		VMP-29-20-100812	10/8/2012	<0.08	U		<0.13	U		<0.13	U		20			0.023	J		<0.56	U	
		VMP-29-20-020613	2/6/2013	<0.0059	U		<0.0095	U		<0.0094	J	U	0.2			0.0019	J		<0.041	U	
		VMP-29-20-050613	5/6/2013	<0.024	U		<0.038	U		<0.038	U		2.3			<0.021	J	U	<0.16	U	

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Location	Depth	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl			1,1,2-Trichloroethane			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene		
				41000			170000			12			5600								
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-17	5 ft	VMP-17-5	6/21/2010	<0.007	U		<0.007	U		<0.007	U		0.0013	J		<0.007	U		<0.007	U	
		VMP-17-5-DUP	6/21/2010	<0.008	U		<0.008	U		<0.008	U		0.00099	J		<0.007	U		<0.007	U	
		VMP-17-5-090110	9/1/2010	<0.0073	U		<0.0073	U		<0.0072	U		0.0015	J		<0.0066	U		<0.0066	U	
		VMP-17-5-112210	11/22/2010	<0.0073	U		<0.0073	U		<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U	
		VMP-17-5-020711	2/7/2011	<0.0069	U		<0.0069	U		0.0028	J		0.001	J		<0.0062	U		<0.0062	U	
		VMP-17-5-040611	4/6/2011	<0.028	U		<0.028	U		0.0071	J		<0.028	U		<0.025	U		<0.025	U	
		VMP-17-5-080111	8/1/2011	<0.1	U		<0.1	U		<0.1	U		<0.11	U		<0.095	U		<0.095	U	
		VMP-17-5-110711	11/7/2011	<0.0047	U		<0.0047	U		<0.0046	U		0.0008	J		<0.0042	J	U	<0.0042	U	
		VMP-17-5-012612	1/26/2012	<0.0049	U		<0.0049	U		0.019			<0.005	U		<0.0044	U		<0.0044	U	
		VMP-17-5-041112	4/11/2012	<0.005	U		<0.005	U		<0.0049	U		<0.0051	U		<0.0045	J	U	<0.0045	J	U
		VMP-17-5-071112	7/11/2012	<0.0053	U		<0.0053	U		<0.0053	U		0.0012	J		0.0044	J		<0.0048	U	
		VMP-17-5-100912	10/9/2012	<0.0083	U		<0.0083	U		<0.0081	U		<0.0085	U		<0.0074	J	U	<0.0074	U	
		VMP-17-5-013113	1/31/2013	<0.029	U		<0.029	U		<0.028	U		<0.03	U		0.0091	J		<0.026	U	
		VMP-17-5-013113-DUP	1/31/2013	<0.029	U		<0.029	U		<0.028	U		<0.03	U		<0.026	U		<0.026	U	
		VMP-17-5-050113	5/1/2013	<0.0078	U		<0.0078	U		<0.0077	U		0.0011	J		<0.007	U		<0.007	U	
VMP-25	5 ft	VMP-25-5-031511	3/15/2011	<0.066	U		<0.066	U		<0.065	U		<0.068	U		0.14			0.13		
		VMP-25-5-040811	4/8/2011	<0.03	U		<0.03	U		<0.03	U		<0.031	U		<0.027	U		<0.027	U	
		VMP-25-5-080911	8/9/2011	<0.0064	U		<0.0064	U		0.0019	J		0.0015	J		0.0041	J		0.0015	J	
		VMP-25-5-111711	11/17/2011	<0.0046	U		<0.0046	U		<0.0045	U		<0.0047	U		<0.0041	U		<0.0041	U	
		VMP-25-5-013112	1/31/2012	<0.033	U		<0.033	U		<0.033	U		<0.034	U		<0.03	U		<0.03	U	
		VMP-25-5-042512	4/25/2012	<0.0052	U		<0.0052	U		<0.0051	U		<0.0054	U		<0.0047	J	U	<0.0047	U	
		VMP-25-5-072612	7/26/2012	<0.018	U		<0.018	U		<0.018	U		<0.018	U		0.0076	J		0.0036	J	
		VMP-25-5-102612	10/26/2012	<0.0073	U		<0.0073	U		<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U	
		VMP-25-5-030613	3/6/2013	<0.007	U		<0.007	U		<0.0069	U		0.00096	J		0.0034	J		<0.0063	U	
		VMP-25-5-051713	5/17/2013	<0.0075	U		<0.0075	U		<0.0074	U		0.0014	J		<0.0067	J	U	<0.0067	U	
	21 ft	VMP-25-21-031511	3/15/2011	<13	U		<13	U		<13	U		<13	U		1.9	J		<12	U	
		VMP-25-21-031511-DUP	3/15/2011	<16	U		<16	U		<16	U		<17	U		<15	U		<15	U	
		VMP-25-21-040811	4/8/2011	<140	U		<140	U		<140	U		<140	U		<120	U		<120	U	
		VMP-25-21-040811-DUP	4/8/2011	<140	U		<140	U		<140	U		<140	U		<120	U		<120	U	
		VMP-25-21-080911	8/9/2011	80			<45	U		54			<46	U		190			73		
		VMP-25-21-111711	11/17/2011	<61	U		<61	U		<60	U		<63	U		<55	U		<55	U	
		VMP-25-21-111711-DUP	11/17/2011	<90	U		<90	U		<89	U		<93	U		<82	U		<82	U	
		VMP-25-21-013112	1/31/2012	<32	U		<32	U		<31	U		<33	U		<120	U		<29	U	
		VMP-25-21-013112-DUP	2/1/2012	<30	U		<30	U		<29	U		<31	U		<110	U		<27	U	
		VMP-25-21-042512	4/25/2012	<20	U		<20	U		<20	U		<21	U		<18	U		<18	U	
		VMP-25-21-072612	7/26/2012	<34	U		<34	U		<34	U		<35	U		<31	U		<31	U	
		VMP-25-21-102612	10/26/2012	<210	U		<210	U		14	J		<210	U		<180	U		<180	U	
		VMP-25-21-030613	3/6/2013	<52	U		<52	U		<52	U		<54	U		<47	U		<47	U	
		VMP-25-21-051713	5/17/2013	<37	U		<37	U		<36	U		<38	U		<33	U		<33	U	
	31 ft	VMP-25-31-030613	3/6/2013	<69	U		<69	U		11	J		<71	U		<62	U		<62	U	
VMP-29	10 ft	VMP-29-10-073012	7/30/2012	<0.058	U		<0.058	U		<0.057	U		<0.06	U		<0.052	U		<0.052	U	
		VMP-29-10-100812	10/8/2012	<0.1	U		<0.1	U		<0.1	U		<0.1	U		<0.092	U		<0.092	U	
		VMP-29-10-020613	2/6/2013	<0.0077	U		<0.0077	U		<0.0076	U		0.0012	J		<0.0069	U		<0.0069	U	
		VMP-29-10-050613	5/6/2013	<0.0074	U		<0.0074	U		<0.0073	U		0.0011	J		<0.0067	U		<0.0067	U	
	20 ft	VMP-29-20-073012	7/30/2012	<0.68	U		<0.68	U		<0.67	U		<0.7	U		<0.62	U		<0.62	U	
		VMP-29-20-073012-Dup	7/30/2012	<0.64	U		<0.64	U		<0.63	U		<0.66	U		<0.58	U		<0.58	U	
		VMP-29-20-100812	10/8/2012	<0.1	U		<0.1	U		<0.1	U		<0.1	U		<0.092	U		<0.092	U	
		VMP-29-20-020613	2/6/2013	<0.0075	U		<0.0075	U		<0.0074	U		<0.0078	J	U	<0.0068	U		<0.0068	U	
		VMP-29-20-050613	5/6/2013	<0.03	U		<0.03	U		<0.03	U		<0.031	U		<0.027	U		<0.027	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylene			o-Xylenes		
							4.8			820			790		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-17	5 ft	VMP-17-5	6/21/2010	1.2			<0.003	U		<0.006	U		<0.006	U	
		VMP-17-5-DUP	6/21/2010	1			<0.003	U		<0.006	U		<0.006	U	
		VMP-17-5-090110	9/1/2010	0.12	J	J	<0.0034	U		0.0053	J	J	0.0016	J	J
		VMP-17-5-112210	11/22/2010	0.0032	J		<0.0034	U		<0.0058	J	U	<0.0058	U	
		VMP-17-5-020711	2/7/2011	0.083			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-17-5-040611	4/6/2011	0.047			<0.013	U		<0.022	U		<0.022	U	
		VMP-17-5-080111	8/1/2011	0.95			<0.049	U		<0.084	U		<0.084	U	
		VMP-17-5-110711	11/7/2011	0.0014	J		<0.0022	U		<0.0037	J	U	0.00057	J	
		VMP-17-5-012612	1/26/2012	0.0013	J		<0.0023	U		0.0038	J		0.001	J	
		VMP-17-5-041112	4/11/2012	0.0079			<0.0023	U		0.0063			0.0016	J	
		VMP-17-5-071112	7/11/2012	0.0074			<0.0025	U		0.0089			0.0024	J	
		VMP-17-5-100912	10/9/2012	0.025			<0.0039	U		0.0058	J		<0.0066	J	U
		VMP-17-5-013113	1/31/2013	0.018	J		<0.014	U		0.0068	J		<0.023	U	
		VMP-17-5-013113-DUP	1/31/2013	0.016	J		<0.014	U		<0.023	U		<0.023	U	
		VMP-17-5-050113	5/1/2013	0.054			<0.0036	U		<0.0062	U		<0.0062	U	
VMP-25	5 ft	VMP-25-5-031511	3/15/2011	30			<0.031	U		0.26			0.15		
		VMP-25-5-040811	4/8/2011	0.73			<0.014	U		<0.024	U		<0.024	U	
		VMP-25-5-080911	8/9/2011	0.076			<0.003	U		0.027			0.0078		
		VMP-25-5-111711	11/17/2011	0.0029	J		<0.0021	U		<0.0036	U		<0.0036	U	
		VMP-25-5-013112	1/31/2012	1.1			<0.016	U		0.0074	J		<0.026	U	
		VMP-25-5-042512	4/25/2012	0.0025	J		<0.0024	U		0.0068			0.0025	J	
		VMP-25-5-072612	7/26/2012	<0.015	U		<0.0084	U		0.028			0.011	J	
		VMP-25-5-102612	10/26/2012	0.067			<0.0034	U		0.001	J		<0.0058	U	
		VMP-25-5-030613	3/6/2013	0.072	J	J	<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-25-5-051713	5/17/2013	0.0066			<0.0035	U		<0.0059	J	U	<0.0059	U	
	21 ft	VMP-25-21-031511	3/15/2011	<11	U		<6	U		18			4.6	J	
		VMP-25-21-031511-DUP	3/15/2011	<14	U		<7.7	U		18			5.3	J	
		VMP-25-21-040811	4/8/2011	<120	U		<64	U		16	J		<110	U	
		VMP-25-21-040811-DUP	4/8/2011	<120	U		<65	U		14	J		<110	U	
		VMP-25-21-080911	8/9/2011	2400			<21	U		1000			280		
		VMP-25-21-111711	11/17/2011	720			<29	U		<49	U		<49	U	
		VMP-25-21-111711-DUP	11/17/2011	680			<42	U		<72	U		<72	U	
		VMP-25-21-013112	1/31/2012	<27	U		<15	U		<25	U		<25	U	
		VMP-25-21-013112-DUP	2/1/2012	<25	U		<14	U		<24	U		<24	U	
		VMP-25-21-042512	4/25/2012	<17	U		<9.5	U		<16	U		<16	U	
		VMP-25-21-072612	7/26/2012	<29	U		<16	U		<27	U		<27	U	
		VMP-25-21-102612	10/26/2012	320			<97	U		<160	U		<160	U	
		VMP-25-21-030613	3/6/2013	400	J	J	<24	U		<42	U		<42	U	
		VMP-25-21-051713	5/17/2013	<32	U		<17	U		31			11	J	
	31 ft	VMP-25-31-030613	3/6/2013	990			<32	U		7	J		7.3	J	
VMP-29	10 ft	VMP-29-10-073012	7/30/2012	<0.05	U		<0.027	U		<0.046	U		<0.046	U	
		VMP-29-10-100812	10/8/2012	<0.088	U		<0.048	U		<0.082	U		<0.082	U	
		VMP-29-10-020613	2/6/2013	<0.0066	J	U	<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-29-10-050613	5/6/2013	0.013			<0.0035	U		<0.0059	U		<0.0059	U	
	20 ft	VMP-29-20-073012	7/30/2012	<0.59	U		<0.32	U		<0.54	U		<0.54	U	
		VMP-29-20-073012-Dup	7/30/2012	<0.55	U		<0.3	U		<0.51	U		<0.51	U	
		VMP-29-20-100812	10/8/2012	<0.088	U		<0.048	U		<0.082	U		<0.082	U	
		VMP-29-20-020613	2/6/2013	<0.0064	U		<0.0035	U		0.002	J		<0.006	U	
		VMP-29-20-050613	5/6/2013	<0.026	U		<0.014	U		<0.024	U		<0.024	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Acetone			alpha-Chlorotoluene			Benzene			Bromodichloromethane			Bromoform		
				750000						2.8			450000			52		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-30	30 ft	VMP-29-30-073012	7/30/2012	26			<0.11	U		0.057	J		<0.14	U		<0.21	U	
		VMP-29-30-100812	10/8/2012	54			<0.48	U		0.11	J		<0.62	U		<0.96	U	
		VMP-29-30-020613	2/6/2013	0.76			<0.0075	U		0.084			<0.0097	U		<0.015	U	
		VMP-29-30-050613	5/6/2013	1.2			<0.025	U		0.16			<0.032	U		<0.05	U	
	10 ft	VMP-30-10-073012	7/30/2012	35			<0.19	U		0.016	J		<0.25	U		<0.39	U	
		VMP-30-10-100812	10/8/2012	0.87			<0.0073	U		0.016			<0.0094	U		<0.014	U	
		VMP-30-10-020613	2/6/2013	0.091			<0.0068	U		0.0018	J		<0.0088	U		<0.014	U	
		VMP-30-10-050613	5/6/2013	1.1			<0.0074	J	U	0.057			<0.0095	U		<0.015	U	
	20 ft	VMP-30-20-073012	7/30/2012	200			<0.82	U		2.1			<1.1	U		<1.6	U	
		VMP-30-20-100812	10/8/2012	44			<0.3	U		0.35			<0.39	U		<0.6	U	
		VMP-30-20-020613	2/6/2013	0.17			<0.0068	J	U	0.11			<0.0088	U		<0.014	U	
		VMP-30-20-050613	5/6/2013	3.9			<0.072	U		0.39			<0.093	U		<0.14	U	
	30 ft	VMP-30-30-073012	7/30/2012	320			<0.85	U		7.2			<1.1	U		<1.7	U	
		VMP-30-30-100812	10/8/2012	75			<0.62	U		5.4			<0.81	U		<1.2	U	
		VMP-30-30-020613	2/6/2013	2.8			<0.023	U		1.4			<0.029	U		<0.045	U	
		VMP-30-30-050613	5/6/2013	3.1			<0.041	U		1.2			<0.053	U		<0.082	U	
VMP-41	10 ft	VMP-41-10-072712	7/27/2012	0.08			<0.0063	U		0.16			<0.0081	U		<0.012	U	
		VMP-41-10-100912	10/9/2012	0.02	J		<0.0077	U		0.034			<0.0099	U		<0.015	U	
		VMP-41-10-012913	1/29/2013	0.006	J		<0.0077	U		0.0018	J		<0.0099	U		<0.015	U	
		VMP-41-10-043013	4/30/2013	0.012	J		<0.0071	U		0.021			<0.0091	U		<0.014	U	
	20 ft	VMP-41-20-072712	7/27/2012	0.048			<0.0048	U		0.039			<0.0063	U		<0.0097	U	
		VMP-41-20-072712-Dup	7/27/2012	0.047			<0.0049	U		0.044			<0.0064	U		<0.0099	U	
		VMP-41-20-100912	10/9/2012	0.055			<0.0075	U		0.027			<0.0097	U		<0.015	U	
		VMP-41-20-100912-Dup	10/9/2012	0.024	J		<0.0077	U		0.027			<0.0099	U		<0.015	U	
		VMP-41-20-012913	1/29/2013	0.0096	J		<0.0078	U		0.0044	J		<0.01	U		<0.016	U	
		VMP-41-20-043013	4/30/2013	0.0086	J		<0.007	U		<0.0043	J	U	<0.0091	U		<0.014	U	
		VMP-41-20-043013-Dup	4/30/2013	0.0065	J		<0.0073	U		<0.0045	J	U	<0.0095	U		<0.015	U	
	30 ft	VMP-41-30-072712	7/27/2012	0.094			<0.0049	U		0.34			<0.0064	U		<0.0099	U	
		VMP-41-30-100912	10/9/2012	0.019	J		<0.008	U		0.041			<0.01	U		<0.016	U	
		VMP-41-30-012913	1/29/2013	0.011	J		<0.0073	U		0.0077			<0.0094	U		<0.014	U	
		VMP-41-30-043013	4/30/2013	0.0096	J		<0.0074	U		0.0055			<0.0095	U		<0.015	U	
VMP-55	20 ft	VMP-55-20-021513	2/15/2013	<33	U		<18	U		1.3	J		<23	U		<36	U	
		VMP-55-20-050113	5/1/2013	<140	U		<30	U		<18	U		<39	U		<60	U	

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Location	Depth	Sample ID	Sample Date	Bromomethane			1,3-Butadiene			Butane			2-Butanone			Carbon disulfide			Carbon tetrachloride		
				42									40000			5300			1.5		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-30	30 ft	VMP-29-30-073012	7/30/2012	<0.08	U		<0.046	U		<0.2	U		60			0.32			<0.13	U	
		VMP-29-30-100812	10/8/2012	<3.6	U		<0.2	U		<0.88	U		72			1.5			<0.58	U	
		VMP-29-30-020613	2/6/2013	<0.056	U		<0.0032	U		0.0047	J		2.1			0.1			<0.0091	U	
		VMP-29-30-050613	5/6/2013	<0.19	U		<0.011	U		<0.046	U		4.3			0.088			<0.03	U	
	10 ft	VMP-30-10-073012	7/30/2012	<0.14	U		<0.083	U		<0.36	U		97			0.2			<0.24	U	
		VMP-30-10-100812	10/8/2012	<0.055	U		<0.0031	U		<0.013	U		2.3			0.02			<0.0089	U	
		VMP-30-10-020613	2/6/2013	<0.051	U		<0.0029	U		<0.012	U		0.15			<0.016	J	U	<0.0083	U	
		VMP-30-10-050613	5/6/2013	<0.055	U		<0.0032	U		0.0048	J		3.2			0.033			<0.009	U	
	20 ft	VMP-30-20-073012	7/30/2012	<0.62	U		<0.35	U		<1.5	U		390			0.83			<1	U	
		VMP-30-20-100812	10/8/2012	<2.2	U		<0.13	U		<0.55	U		45			1.1			<0.36	U	
		VMP-30-20-020613	2/6/2013	<0.051	U		<0.0029	U		0.0088	J		0.6			0.077			<0.0083	U	
		VMP-30-20-050613	5/6/2013	<0.54	U		<0.031	U		<0.13	U		13			0.12	J		<0.087	U	
	30 ft	VMP-30-30-073012	7/30/2012	<0.63	U		<0.36	U		<1.6	U		380			0.31	J		<1	U	
		VMP-30-30-100812	10/8/2012	<4.7	U		<0.27	U		0.49	J		100			1.2	J		<0.76	U	
		VMP-30-30-020613	2/6/2013	<0.17	U		<0.0097	U		<0.042	U		6.4			0.1			<0.028	U	
		VMP-30-30-050613	5/6/2013	<0.31	U		<0.017	U		<0.075	U		9.2			0.14			<0.05	U	
VMP-41	10 ft	VMP-41-10-072712	7/27/2012	<0.047	U		<0.0027	U		0.092			0.022			<0.015	U		<0.0076	U	
		VMP-41-10-100912	10/9/2012	<0.057	U		<0.0033	U		<0.014	U		0.012	J		<0.018	U		<0.0093	U	
		VMP-41-10-012913	1/29/2013	<0.057	U		<0.0033	U		<0.014	U		<0.017	U		<0.018	J	U	<0.0093	U	
		VMP-41-10-043013	4/30/2013	<0.053	U		<0.003	U		<0.013	U		0.0032	J		<0.017	J	U	<0.0086	U	
	20 ft	VMP-41-20-072712	7/27/2012	<0.036	U		<0.0021	U		<0.0089	U		0.012			<0.012	U		<0.0059	U	
		VMP-41-20-072712-Dup	7/27/2012	<0.037	U		<0.0021	U		<0.0091	U		0.013			<0.012	U		<0.006	U	
		VMP-41-20-100912	10/9/2012	<0.056	U		<0.0032	U		<0.014	U		0.012	J		<0.018	U		<0.0091	U	
		VMP-41-20-100912-Dup	10/9/2012	<0.057	U		<0.0033	U		<0.014	U		0.009	J		<0.018	U		<0.0093	U	
		VMP-41-20-012913	1/29/2013	<0.059	U		<0.0034	U		<0.014	U		<0.018	U		<0.019	J	U	<0.0095	U	
		VMP-41-20-043013	4/30/2013	<0.053	U		<0.003	U		<0.013	U		<0.016	U		<0.017	U		<0.0086	U	
		VMP-41-20-043013-Dup	4/30/2013	<0.055	U		<0.0031	U		<0.013	U		<0.017	U		<0.018	U		<0.0089	U	
	30 ft	VMP-41-30-072712	7/27/2012	<0.037	U		<0.0021	U		0.02			0.023			<0.012	U		<0.006	U	
		VMP-41-30-100912	10/9/2012	<0.06	U		<0.0034	U		<0.015	U		0.008	J		<0.019	U		<0.0098	U	
		VMP-41-30-012913	1/29/2013	<0.055	U		<0.0031	U		0.019			<0.017	U		<0.018	J	U	<0.0089	U	
		VMP-41-30-043013	4/30/2013	<0.055	U		<0.0031	U		0.015			<0.017	U		<0.018	J	U	<0.0089	U	
VMP-55	20 ft	VMP-55-20-021513	2/15/2013	<13	U		<7.6	U		2900			<41	U		<11	U		<22	U	
		VMP-55-20-050113	5/1/2013	<220	U		<13	U		4400			<68	U		<72	U		<36	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			Cyclohexane		
				420			57000						0.92								
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-30	30 ft	VMP-29-30-073012	7/30/2012	<0.095	U		<0.18	U		<0.22	U		0.02	J		<0.17	U		<0.071	U	
		VMP-29-30-100812	10/8/2012	<0.42	U		<0.79	U		<0.98	U		<0.45	U		<1.9	U		<0.32	U	
		VMP-29-30-020613	2/6/2013	<0.0066	U		<0.012	U		<0.015	U		0.0056	J		<0.03	U		<0.005	U	
		VMP-29-30-050613	5/6/2013	<0.022	U		<0.041	U		<0.051	U		0.0052	J		<0.099	U		<0.016	U	
	10 ft	VMP-30-10-073012	7/30/2012	<0.17	U		<0.32	U		<0.39	U		<0.18	U		<0.31	U		<0.13	U	
		VMP-30-10-100812	10/8/2012	<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		0.0013	J	
		VMP-30-10-020613	2/6/2013	<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0045	U	
		VMP-30-10-050613	5/6/2013	<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.029	U		0.0037	J	
	20 ft	VMP-30-20-073012	7/30/2012	<0.73	U		<1.4	U		<1.7	U		<0.78	U		<1.3	U		<0.55	U	
		VMP-30-20-100812	10/8/2012	<0.27	U		<0.49	U		<0.61	U		<0.28	U		<1.2	U		<0.2	U	
		VMP-30-20-020613	2/6/2013	<0.0061	U		<0.011	U		<0.014	U		0.012			<0.027	U		<0.0045	U	
		VMP-30-20-050613	5/6/2013	<0.064	U		<0.12	U		<0.15	U		<0.068	U		<0.29	U		<0.048	U	
	30 ft	VMP-30-30-073012	7/30/2012	<0.75	U		<1.4	U		<1.7	U		<0.8	U		<1.4	U		<0.56	U	
		VMP-30-30-100812	10/8/2012	<0.55	U		<1	U		<1.3	U		<0.59	U		<2.5	U		<0.41	U	
		VMP-30-30-020613	2/6/2013	<0.02	U		<0.037	U		<0.046	U		0.01	J		<0.091	U		<0.015	U	
		VMP-30-30-050613	5/6/2013	<0.036	U		<0.067	U		<0.083	U		<0.038	U		<0.16	U		<0.027	U	
VMP-41	10 ft	VMP-41-10-072712	7/27/2012	<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		0.0065		
		VMP-41-10-100912	10/9/2012	<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0051	U	
		VMP-41-10-012913	1/29/2013	<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0051	U	
		VMP-41-10-043013	4/30/2013	<0.0063	J	U	<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0047	U	
	20 ft	VMP-41-20-072712	7/27/2012	<0.0043	U		<0.008	U		<0.0099	U		<0.0046	U		<0.019	U		0.00088	J	
		VMP-41-20-072712-Dup	7/27/2012	<0.0044	U		<0.0081	U		<0.01	U		<0.0047	U		<0.02	U		0.00069	J	
		VMP-41-20-100912	10/9/2012	<0.0066	U		<0.012	U		<0.015	U		<0.007	U		0.0079	J		<0.005	U	
		VMP-41-20-100912-Dup	10/9/2012	<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0051	U	
		VMP-41-20-012913	1/29/2013	<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0052	U	
		VMP-41-20-043013	4/30/2013	<0.0063	J	U	<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.0047	U	
		VMP-41-20-043013-Dup	4/30/2013	<0.0065	J	U	<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0049	U	
	30 ft	VMP-41-30-072712	7/27/2012	<0.0044	U		<0.0081	U		<0.01	U		0.0013	J		<0.02	U		0.0051		
		VMP-41-30-100912	10/9/2012	<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.0054	U	
		VMP-41-30-012913	1/29/2013	<0.0065	U		<0.012	U		<0.015	U		0.0023	J		<0.029	U		<0.0048	U	
		VMP-41-30-043013	4/30/2013	<0.0065	J	U	<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0049	U	
VMP-55	20 ft	VMP-55-20-021513	2/15/2013	<16	U		<29	U		<36	U		<17	U		<28	U		230		
		VMP-55-20-050113	5/1/2013	<27	U		<49	U		<61	U		<28	U		<120	U		310		

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane		
				0.06			1700						6800						4200		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	30 ft	VMP-29-30-073012	7/30/2012	<0.16	U		<0.12	U		<0.12	U		<0.12	U		<0.1	U		<0.083	U	
		VMP-29-30-100812	10/8/2012	<0.71	U		<0.56	U		<0.56	U		0.059	J		<0.46	U		<0.37	U	
		VMP-29-30-020613	2/6/2013	<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0024	J		<0.0058	U	
		VMP-29-30-050613	5/6/2013	<0.037	U		<0.029	U		<0.029	U		<0.029	U		<0.024	U		<0.019	U	
VMP-30	10 ft	VMP-30-10-073012	7/30/2012	<0.29	U		<0.22	U		<0.22	U		<0.22	U		<0.18	U		<0.15	U	
		VMP-30-10-100812	10/8/2012	<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0022	J		<0.0057	U	
		VMP-30-10-020613	2/6/2013	<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U	
		VMP-30-10-050613	5/6/2013	<0.011	J	U	<0.0086	U		<0.0086	J	U	<0.0086	J	U	0.0025	J		<0.0058	U	
	20 ft	VMP-30-20-073012	7/30/2012	<1.2	U		<0.96	U		<0.96	U		<0.96	U		<0.79	U		<0.64	U	
		VMP-30-20-100812	10/8/2012	<0.44	U		<0.35	U		<0.35	U		0.034	J		<0.29	U		<0.23	U	
		VMP-30-20-020613	2/6/2013	<0.01	U		<0.0079	J	U	<0.0079	J	U	<0.0079	J	U	0.0022	J		<0.0053	U	
		VMP-30-20-050613	5/6/2013	<0.11	U		<0.084	U		<0.084	U		<0.084	U		<0.069	U		<0.056	U	
	30 ft	VMP-30-30-073012	7/30/2012	<1.2	U		<0.98	U		<0.98	U		<0.98	U		<0.81	U		<0.66	U	
		VMP-30-30-100812	10/8/2012	<0.92	U		<0.72	U		<0.72	U		<0.72	U		<0.6	U		<0.49	U	
		VMP-30-30-020613	2/6/2013	<0.034	U		<0.026	U		<0.026	U		<0.026	U		<0.022	U		<0.018	U	
		VMP-30-30-050613	5/6/2013	<0.061	U		<0.047	U		<0.048	U		<0.048	U		<0.039	U		<0.032	U	
VMP-41	10 ft	VMP-41-10-072712	7/27/2012	<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U	
		VMP-41-10-100912	10/9/2012	<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0032	J		<0.006	U	
		VMP-41-10-012913	1/29/2013	<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0033	J		<0.006	U	
		VMP-41-10-043013	4/30/2013	<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0029	J		<0.0055	U	
	20 ft	VMP-41-20-072712	7/27/2012	<0.0072	U		<0.0056	U		<0.0056	U		<0.0056	U		0.003	J		<0.0038	U	
		VMP-41-20-072712-Dup	7/27/2012	<0.0073	U		<0.0057	U		<0.0057	U		<0.0057	U		0.0032	J		<0.0039	U	
		VMP-41-20-100912	10/9/2012	<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0026	J		<0.0058	U	
		VMP-41-20-100912-Dup	10/9/2012	<0.011	U		<0.0089	U		<0.0089	J	U	<0.0089	J	U	0.0028	J		<0.006	U	
		VMP-41-20-012913	1/29/2013	<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0027	J		<0.0061	U	
		VMP-41-20-043013	4/30/2013	<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0023	J		<0.0055	U	
		VMP-41-20-043013-Dup	4/30/2013	<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0032	J		<0.0057	U	
	30 ft	VMP-41-30-072712	7/27/2012	<0.0073	U		<0.0057	U		<0.0057	U		<0.0057	U		0.003	J		<0.0039	U	
		VMP-41-30-100912	10/9/2012	<0.012	U		<0.0093	U		<0.0093	U		<0.0093	J	U	0.0031	J		<0.0063	U	
		VMP-41-30-012913	1/29/2013	<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0032	J		<0.0057	U	
		VMP-41-30-043013	4/30/2013	<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0027	J		<0.0057	U	
VMP-55	20 ft	VMP-55-20-021513	2/15/2013	<26	U		<21	U		<21	U		<21	U		<17	U		<14	U	
		VMP-55-20-050113	5/1/2013	<44	U		<35	U		<35	U		<35	U		<29	U		<23	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	1,2-Dichloroethane			1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene			1,2-Dichloropropane		
				0.81			1600			1100000			510			45			0.46		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-30	30 ft	VMP-29-30-073012	7/30/2012	<0.083	U		<0.082	U		<0.082	U		<0.082	U		<0.072	U		<0.095	U	
		VMP-29-30-100812	10/8/2012	<0.37	U		<0.37	U		<0.37	U		<0.37	U		0.34	J		<0.43	U	
		VMP-29-30-020613	2/6/2013	<0.0058	U		<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U	
		VMP-29-30-050613	5/6/2013	<0.019	U		<0.019	U		<0.019	U		<0.019	U		<0.17	U		<0.022	U	
	10 ft	VMP-30-10-073012	7/30/2012	<0.15	U		<0.15	U		<0.15	U		<0.15	U		<0.13	U		<0.17	U	
		VMP-30-10-100812	10/8/2012	<0.0057	U		<0.0056	U		<0.0056	U		<0.0056	U		0.002	J		<0.0065	U	
		VMP-30-10-020613	2/6/2013	<0.0053	U		<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U	
		VMP-30-10-050613	5/6/2013	<0.0058	U		<0.0056	U		<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U	
	20 ft	VMP-30-20-073012	7/30/2012	<0.64	U		<0.63	U		<0.63	U		<0.63	U		0.11	J		<0.73	U	
		VMP-30-20-100812	10/8/2012	<0.23	U		<0.23	U		<0.23	U		<0.23	U		0.25	J		<0.27	U	
		VMP-30-20-020613	2/6/2013	<0.0053	U		<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U	
		VMP-30-20-050613	5/6/2013	<0.056	U		<0.055	U		<0.055	U		<0.055	U		<0.48	U		<0.064	U	
	30 ft	VMP-30-30-073012	7/30/2012	<0.66	U		<0.65	U		<0.65	U		<0.65	U		0.16	J		<0.76	U	
		VMP-30-30-100812	10/8/2012	<0.49	U		<0.48	U		<0.48	U		<0.48	U		0.28	J		<0.56	U	
		VMP-30-30-020613	2/6/2013	<0.018	U		<0.017	U		<0.017	U		<0.017	U		<0.15	U		<0.02	U	
		VMP-30-30-050613	5/6/2013	<0.032	U		<0.031	U		<0.031	U		<0.031	U		<0.27	U		<0.036	U	
VMP-41	10 ft	VMP-41-10-072712	7/27/2012	<0.0049	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.042	J	U	<0.0056	U	
		VMP-41-10-100912	10/9/2012	<0.006	U		<0.0059	U		<0.0059	U		<0.0059	U		0.0023	J		<0.0068	U	
		VMP-41-10-012913	1/29/2013	<0.006	U		<0.0059	U		<0.0059	U		<0.0059	U		<0.051	J	U	<0.0068	U	
		VMP-41-10-043013	4/30/2013	<0.0055	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U	
	20 ft	VMP-41-20-072712	7/27/2012	<0.0038	U		<0.0037	U		<0.0037	U		<0.0037	U		<0.032	J	U	<0.0043	U	
		VMP-41-20-072712-Dup	7/27/2012	<0.0039	U		<0.0038	U		<0.0038	U		<0.0038	U		<0.033	J	U	<0.0044	U	
		VMP-41-20-100912	10/9/2012	<0.0058	U		<0.0057	U		<0.0057	U		<0.0057	U		0.0042	J		<0.0067	U	
		VMP-41-20-100912-Dup	10/9/2012	<0.006	U		<0.0059	U		<0.0059	U		<0.0059	U		<0.051	J	U	<0.0068	U	
		VMP-41-20-012913	1/29/2013	<0.0061	U		<0.006	U		<0.006	U		<0.006	U		<0.053	J	U	<0.007	U	
		VMP-41-20-043013	4/30/2013	<0.0055	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U	
		VMP-41-20-043013-Dup	4/30/2013	<0.0057	U		<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U	
	30 ft	VMP-41-30-072712	7/27/2012	<0.0039	U		<0.0038	U		<0.0038	U		<0.0038	U		<0.033	J	U	<0.0044	U	
		VMP-41-30-100912	10/9/2012	<0.0063	U		<0.0062	U		<0.0062	U		<0.0062	U		<0.054	J	U	<0.0072	U	
		VMP-41-30-012913	1/29/2013	<0.0057	U		<0.0056	U		<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U	
		VMP-41-30-043013	4/30/2013	<0.0057	U		<0.0056	U		<0.0056	U		<0.0056	U		<0.049	J	U	<0.0066	U	
VMP-55	20 ft	VMP-55-20-021513	2/15/2013	<14	U		<14	U		<14	U		<14	U		14			19		
		VMP-55-20-050113	5/1/2013	<23	U		<23	U		<23	U		<23	U		<200	U		<27	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene		
				6.2			6.2			2.3						8300					
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-30	30 ft	VMP-29-30-073012	7/30/2012	<0.093	U		<0.093	U		<0.3	U		0.18			<0.089	U		<0.1	U	
		VMP-29-30-100812	10/8/2012	<0.42	U		<0.42	U		<1.3	U		<0.7	U		<0.4	U		<0.45	U	
		VMP-29-30-020613	2/6/2013	<0.0066	U		<0.0066	U		0.019	J		0.012			<0.0063	U		<0.0071	J	U
		VMP-29-30-050613	5/6/2013	<0.022	U		<0.022	U		<0.069	U		<0.036	U		<0.021	U		<0.024	U	
	10 ft	VMP-30-10-073012	7/30/2012	<0.17	U		<0.17	U		<0.54	U		<0.28	U		<0.16	U		<0.18	U	
		VMP-30-10-100812	10/8/2012	<0.0064	U		<0.0064	U		<0.02	U		0.022			<0.0061	U		<0.0069	U	
		VMP-30-10-020613	2/6/2013	<0.006	U		<0.006	U		<0.019	U		0.0046	J		<0.0057	U		<0.0065	U	
		VMP-30-10-050613	5/6/2013	<0.0065	U		<0.0065	U		<0.02	U		<0.011	J	U	<0.0062	U		<0.007	U	
	20 ft	VMP-30-20-073012	7/30/2012	<0.72	U		<0.72	U		<2.3	U		<1.2	U		<0.69	U		<0.78	U	
		VMP-30-20-100812	10/8/2012	<0.26	U		<0.26	U		<0.84	U		0.25	J		<0.25	U		<0.28	U	
		VMP-30-20-020613	2/6/2013	<0.006	U		<0.006	U		<0.019	U		0.008	J		<0.0057	U		<0.0065	J	U
		VMP-30-20-050613	5/6/2013	<0.063	U		<0.063	U		<0.2	U		<0.1	U		<0.06	U		<0.068	U	
	30 ft	VMP-30-30-073012	7/30/2012	<0.74	U		<0.74	U		<2.4	U		<1.2	U		<0.71	U		<0.8	U	
		VMP-30-30-100812	10/8/2012	<0.55	U		<0.55	U		<1.7	U		<0.91	U		<0.52	U		<0.59	U	
		VMP-30-30-020613	2/6/2013	<0.02	U		<0.02	U		<0.063	U		0.0044	J		<0.019	U		<0.022	U	
		VMP-30-30-050613	5/6/2013	<0.036	U		<0.036	U		<0.11	U		<0.06	U		<0.034	U		<0.039	U	
VMP-41	10 ft	VMP-41-10-072712	7/27/2012	<0.0055	U		<0.0055	U		<0.018	U		0.072			0.0059			0.0015	J	
		VMP-41-10-100912	10/9/2012	<0.0067	U		<0.0067	U		<0.021	U		0.035			<0.0064	U		<0.0073	U	
		VMP-41-10-012913	1/29/2013	<0.0067	U		<0.0067	U		<0.021	U		<0.011	U		<0.0064	U		<0.0073	U	
		VMP-41-10-043013	4/30/2013	<0.0062	U		<0.0062	U		<0.02	U		<0.01	J	U	<0.0059	U		<0.0067	U	
	20 ft	VMP-41-20-072712	7/27/2012	<0.0042	U		<0.0042	U		<0.013	U		0.042			0.003	J		0.0009	J	
		VMP-41-20-072712-Dup	7/27/2012	<0.0043	U		<0.0043	U		<0.014	U		0.028			0.003	J		0.00079	J	
		VMP-41-20-100912	10/9/2012	<0.0066	U		<0.0066	U		<0.021	U		0.031			<0.0063	U		<0.0071	U	
		VMP-41-20-100912-Dup	10/9/2012	<0.0067	U		<0.0067	J	U	<0.021	U		0.032			<0.0064	U		<0.0073	U	
		VMP-41-20-012913	1/29/2013	<0.0069	U		<0.0069	U		<0.022	U		<0.011	U		<0.0066	U		<0.0074	U	
		VMP-41-20-043013	4/30/2013	<0.0062	U		<0.0062	J	U	<0.02	U		<0.01	J	U	<0.0059	U		<0.0067	J	U
		VMP-41-20-043013-Dup	4/30/2013	<0.0064	U		<0.0064	U		<0.02	U		<0.011	J	U	<0.0061	U		<0.007	U	
	30 ft	VMP-41-30-072712	7/27/2012	<0.0043	U		<0.0043	U		<0.014	U		0.12			0.0032	J		0.00082	J	
		VMP-41-30-100912	10/9/2012	<0.007	U		<0.007	U		<0.022	U		0.024			<0.0068	U		<0.0076	U	
		VMP-41-30-012913	1/29/2013	<0.0064	U		<0.0064	U		<0.02	U		0.0054	J		<0.0061	U		<0.0069	U	
		VMP-41-30-043013	4/30/2013	<0.0064	U		<0.0064	U		<0.02	U		<0.011	J	U	<0.0062	U		<0.007	U	
VMP-55	20 ft	VMP-55-20-021513	2/15/2013	<16	U		<16	U		<50	U		<26	U		<15	U		<17	U	
		VMP-55-20-050113	5/1/2013	<26	U		<26	U		<84	U		<44	U		<25	U		<28	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-30	30 ft	VMP-29-30-073012	7/30/2012	<0.16	U		<0.14	U		<0.084	U		<0.88	U		<0.073	U		<0.34	U	
		VMP-29-30-100812	10/8/2012	<0.71	U		<0.65	U		<0.38	U		<3.9	U		0.1	J		<1.5	U	
		VMP-29-30-020613	2/6/2013	<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.00089	J		<0.024	U	
		VMP-29-30-050613	5/6/2013	<0.037	U		<0.034	U		<0.02	U		<0.2	U		<0.017	U		<0.079	U	
	10 ft	VMP-30-10-073012	7/30/2012	<0.29	U		<0.26	U		<0.15	U		<1.6	U		<0.13	U		<0.61	U	
		VMP-30-10-100812	10/8/2012	<0.011	U		<0.0098	U		0.0028	J		<0.06	U		0.00099	J		<0.023	U	
		VMP-30-10-020613	2/6/2013	<0.01	U		<0.0092	U		0.0014	J		<0.056	U		0.0022	J		<0.022	U	
		VMP-30-10-050613	5/6/2013	<0.011	U		<0.01	U		<0.0058	U		<0.061	U		<0.005	U		<0.023	U	
	20 ft	VMP-30-20-073012	7/30/2012	<1.2	U		<1.1	U		<0.65	U		<6.8	U		<0.56	U		<2.6	U	
		VMP-30-20-100812	10/8/2012	<0.44	U		<0.4	U		<0.24	U		<2.5	U		<0.2	U		<0.95	U	
		VMP-30-20-020613	2/6/2013	<0.01	U		<0.0092	U		<0.0054	U		<0.056	J	U	0.0025	J		<0.022	U	
		VMP-30-20-050613	5/6/2013	<0.11	U		<0.097	U		<0.057	U		<0.59	U		<0.049	U		<0.23	U	
	30 ft	VMP-30-30-073012	7/30/2012	<1.2	U		<1.1	U		<0.67	U		<7	U		<0.58	U		<2.7	U	
		VMP-30-30-100812	10/8/2012	<0.92	U		<0.84	U		<0.49	U		<5.1	U		0.11	J		<2	U	
		VMP-30-30-020613	2/6/2013	<0.034	U		<0.031	U		<0.018	U		<0.19	U		<0.016	U		<0.072	U	
		VMP-30-30-050613	5/6/2013	<0.06	U		<0.055	U		<0.032	U		<0.34	U		<0.028	U		<0.13	U	
VMP-41	10 ft	VMP-41-10-072712	7/27/2012	<0.0093	U		<0.0085	U		0.0099			<0.052	U		0.011			0.0028	J	
		VMP-41-10-100912	10/9/2012	<0.011	U		<0.01	U		0.0025	J		<0.063	U		<0.0052	U		<0.024	U	
		VMP-41-10-012913	1/29/2013	<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U		<0.024	U	
		VMP-41-10-043013	4/30/2013	<0.01	U		<0.0095	U		0.0015	J		<0.058	U		0.0019	J		<0.022	U	
	20 ft	VMP-41-20-072712	7/27/2012	<0.0072	U		<0.0065	U		0.0028	J		<0.04	U		<0.0033	U		0.0017	J	
		VMP-41-20-072712-Dup	7/27/2012	<0.0073	U		<0.0067	U		0.0015	J		<0.041	U		0.00086	J		0.0014	J	
		VMP-41-20-100912	10/9/2012	<0.011	U		<0.01	U		0.0024	J		<0.062	U		0.001	J		0.0014	J	
		VMP-41-20-100912-Dup	10/9/2012	<0.011	U		<0.01	U		0.002	J		<0.063	J	U	<0.0052	U		<0.024	U	
		VMP-41-20-012913	1/29/2013	<0.012	U		<0.01	U		<0.0062	U		<0.065	U		0.0017	J		<0.025	U	
		VMP-41-20-043013	4/30/2013	<0.01	U		<0.0095	U		0.002	J		<0.058	U		0.0027	J		<0.022	U	
		VMP-41-20-043013-Dup	4/30/2013	<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		0.0016	J		<0.023	U	
	30 ft	VMP-41-30-072712	7/27/2012	<0.0073	U		<0.0067	U		0.0081			<0.041	U		0.0062			0.0039	J	
		VMP-41-30-100912	10/9/2012	<0.012	U		<0.011	U		0.0024	J		<0.066	U		0.0013	J		<0.025	U	
		VMP-41-30-012913	1/29/2013	<0.011	U		<0.0098	U		0.0082			<0.06	U		0.0088			<0.023	U	
		VMP-41-30-043013	4/30/2013	<0.011	U		<0.0099	U		0.0074			<0.06	U		0.011			<0.023	U	
VMP-55	20 ft	VMP-55-20-021513	2/15/2013	<26	U		<24	U		<14	U		<150	U		42			<56	U	
		VMP-55-20-050113	5/1/2013	<44	U		<40	U		<24	U		<250	U		61			<95	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

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Location	Depth	Sample ID	Sample Date	Isopentane			Isopropylbenzene (Cumene) 3500			4-Methyl-2-pentanone (Methyl			Methyl tert-Butyl Ether (MTBE) 23000			2-Propanol			n-Propylbenzene		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	30 ft	VMP-29-30-073012	7/30/2012	0.09	J		0.031	J		0.091			<0.074	U		0.78			<0.1	U	
		VMP-29-30-100812	10/8/2012	0.46	J		<0.45	U		<0.38	U		<0.33	U		0.55	J		<0.45	U	
		VMP-29-30-020613	2/6/2013	0.0046	J		<0.0071	J	U	0.012			<0.0052	U		0.029			<0.0071	U	
		VMP-29-30-050613	5/6/2013	0.019	J		<0.024	U		<0.02	U		<0.017	U		<0.047	U		<0.024	U	
VMP-30	10 ft	VMP-30-10-073012	7/30/2012	<0.44	U		<0.18	U		<0.15	U		<0.13	U		0.3	J		<0.18	U	
		VMP-30-10-100812	10/8/2012	0.014	J		0.0078			0.051			<0.0051	U		0.019			<0.0069	U	
		VMP-30-10-020613	2/6/2013	0.0077	J		<0.0065	U		0.0023	J		<0.0048	U		0.0028	J		<0.0065	U	
		VMP-30-10-050613	5/6/2013	0.032			0.00081	J		0.0022	J		<0.0051	U		0.028			<0.007	U	
	20 ft	VMP-30-20-073012	7/30/2012	<1.9	U		<0.78	U		<0.65	U		<0.57	U		1.3	J		<0.78	U	
		VMP-30-20-100812	10/8/2012	0.18	J		<0.28	U		<0.24	U		<0.21	U		0.26	J		<0.28	U	
		VMP-30-20-020613	2/6/2013	0.0073	J		<0.0065	J	U	0.0034	J		<0.0048	U		0.011	J		<0.0065	J	U
		VMP-30-20-050613	5/6/2013	<0.16	U		<0.068	U		<0.057	U		<0.05	U		0.24			<0.068	U	
	30 ft	VMP-30-30-073012	7/30/2012	0.31	J		<0.8	U		<0.67	U		<0.59	U		1.2	J		<0.8	U	
		VMP-30-30-100812	10/8/2012	1	J		<0.59	U		<0.49	U		<0.43	U		0.46	J		<0.59	U	
		VMP-30-30-020613	2/6/2013	<0.052	U		<0.022	U		<0.018	U		<0.016	U		0.037	J		<0.022	U	
		VMP-30-30-050613	5/6/2013	<0.093	U		<0.039	U		<0.032	U		<0.028	U		<0.078	U		<0.039	U	
VMP-41	10 ft	VMP-41-10-072712	7/27/2012	0.12			0.04			0.16			<0.0044	U		0.055			0.00096	J	
		VMP-41-10-100912	10/9/2012	<0.017	U		0.021			0.1			<0.0053	U		0.035			<0.0073	U	
		VMP-41-10-012913	1/29/2013	<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U		0.01	J		<0.0073	U	
		VMP-41-10-043013	4/30/2013	<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U		<0.013	U		<0.0067	U	
	20 ft	VMP-41-20-072712	7/27/2012	<0.011	U		0.025			0.089			<0.0034	U		0.03			0.00039	J	
		VMP-41-20-072712-Dup	7/27/2012	<0.011	U		0.025			0.09			<0.0034	U		0.029			0.00044	J	
		VMP-41-20-100912	10/9/2012	<0.017	U		0.019			0.079			<0.0052	U		0.02			<0.0071	U	
		VMP-41-20-100912-Dup	10/9/2012	<0.017	U		0.021			0.084			<0.0053	U		0.019			<0.0073	J	U
		VMP-41-20-012913	1/29/2013	0.0076	J		<0.0074	U		<0.0062	U		<0.0055	U		0.01	J		<0.0074	U	
		VMP-41-20-043013	4/30/2013	<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U		<0.013	U		<0.0067	U	
		VMP-41-20-043013-Dup	4/30/2013	<0.017	U		<0.007	U		<0.0058	U		<0.0051	U		<0.014	U		<0.007	U	
	30 ft	VMP-41-30-072712	7/27/2012	0.039			0.011			0.1			<0.0034	U		0.036			0.00072	J	
		VMP-41-30-100912	10/9/2012	<0.018	U		0.013			0.041			<0.0056	U		0.0093	J		<0.0076	U	
		VMP-41-30-012913	1/29/2013	0.0056	J		<0.0069	U		<0.0058	U		<0.0051	U		0.013	J		<0.0069	U	
		VMP-41-30-043013	4/30/2013	0.058			<0.007	U		<0.0058	U		<0.0051	U		<0.014	U		<0.007	J	U
VMP-55	20 ft	VMP-55-20-021513	2/15/2013	4500			<17	U		<56	U		<12	U		<34	U		<17	U	
		VMP-55-20-050113	5/1/2013	11000			<28	U		<24	U		<21	U		<57	U		<28	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
				8500						4						40000			50		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-30	30 ft	VMP-29-30-073012	7/30/2012	<0.088	U		<0.14	U		<0.14	U		48			0.06	J		<0.61	U	
		VMP-29-30-100812	10/8/2012	0.12	J		<0.64	U		<0.63	U		47			0.55			<2.7	U	
		VMP-29-30-020613	2/6/2013	<0.0062	U		<0.0099	U		<0.0098	J	U	0.78			<0.0054	J	U	<0.043	U	
		VMP-29-30-050613	5/6/2013	<0.02	U		<0.033	U		<0.033	U		2			0.0034	J		<0.14	U	
	10 ft	VMP-30-10-073012	7/30/2012	<0.16	U		<0.26	U		<0.25	U		69			0.027	J		<1.1	U	
		VMP-30-10-100812	10/8/2012	<0.006	U		<0.0097	U		0.0041	J		1.6			0.0096			<0.042	U	
		VMP-30-10-020613	2/6/2013	<0.0056	U		<0.0091	U		<0.009	J	U	0.09			0.0016	J		<0.039	U	
		VMP-30-10-050613	5/6/2013	<0.0061	U		<0.0098	U		<0.0097	J	U	2			<0.0054	J	U	<0.042	J	U
	20 ft	VMP-30-20-073012	7/30/2012	<0.68	U		<1.1	U		<1.1	U		300			0.033	J		<4.7	U	
		VMP-30-20-100812	10/8/2012	0.12	J		<0.4	U		<0.39	U		29			0.39			<1.7	U	
		VMP-30-20-020613	2/6/2013	<0.0056	U		<0.0091	U		<0.009	J	U	0.21			<0.005	J	U	<0.039	J	U
		VMP-30-20-050613	5/6/2013	<0.059	U		<0.095	U		<0.094	U		5.8			<0.052	U		<0.41	U	
	30 ft	VMP-30-30-073012	7/30/2012	<0.7	U		<1.1	U		<1.1	U		330			0.035	J		<4.8	U	
		VMP-30-30-100812	10/8/2012	0.093	J		<0.83	U		<0.82	U		67			0.49			<3.6	U	
		VMP-30-30-020613	2/6/2013	<0.019	U		<0.03	U		<0.03	U		2.6			<0.016	U		<0.13	J	U
		VMP-30-30-050613	5/6/2013	<0.034	U		<0.054	U		<0.054	U		3.8			<0.03	U		<0.23	U	
VMP-41	10 ft	VMP-41-10-072712	7/27/2012	0.0024	J		<0.0083	U		<0.0082	U		0.0016	J		0.071			<0.036	U	
		VMP-41-10-100912	10/9/2012	<0.0063	U		<0.01	U		0.012			<0.0044	U		0.022			<0.044	U	
		VMP-41-10-012913	1/29/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	J	U	<0.044	U	
		VMP-41-10-043013	4/30/2013	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	
	20 ft	VMP-41-20-072712	7/27/2012	0.0014	J		<0.0064	U		<0.0063	U		<0.0028	U		0.038			<0.028	U	
		VMP-41-20-072712-Dup	7/27/2012	0.0018	J		<0.0066	U		<0.0065	U		<0.0028	U		0.039			<0.028	U	
		VMP-41-20-100912	10/9/2012	0.00092	J		<0.0099	U		0.0091	J		<0.0043	U		0.015			<0.043	U	
		VMP-41-20-100912-Dup	10/9/2012	0.0013	J		<0.01	U		0.0073	J		<0.0044	U		0.016			<0.044	U	
		VMP-41-20-012913	1/29/2013	<0.0064	U		<0.01	U		0.0016	J		<0.0045	U		<0.0057	J	U	<0.045	J	U
		VMP-41-20-043013	4/30/2013	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	J	U	<0.04	U	
		VMP-41-20-043013-Dup	4/30/2013	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U	
	30 ft	VMP-41-30-072712	7/27/2012	0.0021	J		<0.0066	U		<0.0065	U		0.00073	J		0.03			<0.028	U	
		VMP-41-30-100912	10/9/2012	<0.0066	U		<0.011	U		0.0046	J		<0.0046	U		0.0098			<0.046	U	
		VMP-41-30-012913	1/29/2013	<0.006	U		<0.0097	U		0.0027	J		<0.0042	U		0.0013	J		<0.042	U	
		VMP-41-30-043013	4/30/2013	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0054	J	U	<0.042	U	
VMP-55	20 ft	VMP-55-20-021513	2/15/2013	<15	U		<24	U		<23	U		<10	U		<13	U		<100	U	
		VMP-55-20-050113	5/1/2013	<25	U		<40	U		<39	U		<17	U		<22	U		<170	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl			1,1,2-Trichloroethane			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene		
				41000			170000			12			5600								
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
VMP-30	30 ft	VMP-29-30-073012	7/30/2012	<0.11	U		<0.11	U		<0.11	U		<0.12	U		<0.1	U		<0.1	U	
		VMP-29-30-100812	10/8/2012	<0.5	U		<0.5	U		<0.5	U		<0.52	U		<0.45	U		<0.45	U	
		VMP-29-30-020613	2/6/2013	<0.0079	U		<0.0079	U		<0.0078	U		<0.0081	J	U	<0.0071	U		<0.0071	U	
		VMP-29-30-050613	5/6/2013	<0.026	U		<0.026	U		<0.026	U		<0.027	U		<0.024	U		<0.024	U	
	10 ft	VMP-30-10-073012	7/30/2012	<0.2	U		<0.2	U		<0.2	U		<0.21	U		<0.18	U		<0.18	U	
		VMP-30-10-100812	10/8/2012	<0.0077	U		<0.0077	U		<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U	
		VMP-30-10-020613	2/6/2013	<0.0072	U		<0.0072	U		<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U	
		VMP-30-10-050613	5/6/2013	<0.0078	U		<0.0078	U		<0.0076	U		0.0015	J		<0.007	U		<0.007	U	
	20 ft	VMP-30-20-073012	7/30/2012	<0.87	U		<0.87	U		<0.85	U		<0.89	U		<0.78	U		<0.78	U	
		VMP-30-20-100812	10/8/2012	<0.32	U		<0.32	U		<0.31	U		<0.32	U		<0.28	U		<0.28	U	
		VMP-30-20-020613	2/6/2013	<0.0072	U		<0.0072	U		<0.0071	U		<0.0074	J	U	<0.0065	J	U	<0.0065	J	U
		VMP-30-20-050613	5/6/2013	<0.076	U		<0.076	U		<0.075	U		<0.078	U		<0.068	U		<0.068	U	
	30 ft	VMP-30-30-073012	7/30/2012	<0.89	U		<0.89	U		<0.88	U		<0.92	U		<0.8	U		<0.8	U	
		VMP-30-30-100812	10/8/2012	<0.66	U		<0.66	U		<0.65	U		<0.68	U		<0.59	U		<0.59	U	
		VMP-30-30-020613	2/6/2013	<0.024	U		<0.024	U		<0.024	U		<0.025	U		<0.022	U		<0.022	U	
		VMP-30-30-050613	5/6/2013	<0.043	U		<0.043	U		<0.042	U		<0.044	U		<0.039	U		<0.039	U	
VMP-41	10 ft	VMP-41-10-072712	7/27/2012	<0.0066	U		<0.0066	U		<0.0065	U		<0.0068	U		0.005	J		0.0014	J	
		VMP-41-10-100912	10/9/2012	<0.0081	U		<0.0081	U		<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U	
		VMP-41-10-012913	1/29/2013	<0.0081	U		<0.0081	U		<0.008	U		0.0018	J		<0.0073	U		<0.0073	U	
		VMP-41-10-043013	4/30/2013	<0.0074	U		<0.0074	U		<0.0073	U		0.0016	J		<0.0067	U		<0.0067	U	
	20 ft	VMP-41-20-072712	7/27/2012	<0.0051	U		<0.0051	U		<0.005	U		0.001	J		0.0027	J		<0.0046	U	
		VMP-41-20-072712-Dup	7/27/2012	<0.0052	U		<0.0052	U		<0.0051	U		0.001	J		0.0034	J		0.00096	J	
		VMP-41-20-100912	10/9/2012	<0.0079	U		<0.0079	U		<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U	
		VMP-41-20-100912-Dup	10/9/2012	<0.0081	U		<0.0081	U		<0.008	U		<0.0083	U		<0.0073	J	U	<0.0073	U	
		VMP-41-20-012913	1/29/2013	<0.0083	U		<0.0083	U		<0.0081	U		0.0018	J		<0.0074	U		<0.0074	U	
		VMP-41-20-043013	4/30/2013	<0.0074	U		<0.0074	U		<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U	
		VMP-41-20-043013-Dup	4/30/2013	<0.0077	U		<0.0077	U		<0.0076	U		<0.008	U		<0.007	U		<0.007	U	
	30 ft	VMP-41-30-072712	7/27/2012	<0.0052	U		<0.0052	U		<0.0051	U		<0.0054	U		0.0049			0.00092	J	
		VMP-41-30-100912	10/9/2012	<0.0085	U		<0.0085	U		<0.0084	U		<0.0087	U		<0.0076	J	U	<0.0076	U	
		VMP-41-30-012913	1/29/2013	<0.0077	U		<0.0077	U		<0.0076	U		0.0019	J		<0.0069	U		<0.0069	U	
		VMP-41-30-043013	4/30/2013	<0.0077	U		<0.0077	U		<0.0076	U		<0.008	U		<0.007	U		<0.007	U	
VMP-55	20 ft	VMP-55-20-021513	2/15/2013	<19	U		<19	U		5.5	J		<19	U		<17	U		<17	U	
		VMP-55-20-050113	5/1/2013	<32	U		<32	U		<31	U		<32	U		<28	U		<28	U	

TABLE 6
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL DETECTIONS AND SCREENING RESULTS: PUBLIC WORKS YARD AND WRR - VOCS

SEE LAST PAGE OF TABLE FOR NOTES

Location	Depth	Sample ID	Sample Date	2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylene			o-Xylenes		
							4.8			820			790		
				Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals	Result (mg/m^3)	Lab Quals	URS Quals
	30 ft	VMP-29-30-073012	7/30/2012	<0.096	U		<0.053	U		<0.089	U		<0.089	U	
		VMP-29-30-100812	10/8/2012	<0.43	U		<0.24	U		<0.4	U		<0.4	U	
		VMP-29-30-020613	2/6/2013	<0.0068	J	U	<0.0037	U		0.0021	J		<0.0063	U	
		VMP-29-30-050613	5/6/2013	0.0061	J		<0.012	U		<0.021	U		<0.021	U	
VMP-30	10 ft	VMP-30-10-073012	7/30/2012	<0.17	U		<0.096	U		<0.16	U		<0.16	U	
		VMP-30-10-100812	10/8/2012	0.036			<0.0036	U		<0.0061	J	U	<0.0061	U	
		VMP-30-10-020613	2/6/2013	0.0019	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-30-10-050613	5/6/2013	0.016			<0.0036	U		0.0018	J		<0.0062	U	
	20 ft	VMP-30-20-073012	7/30/2012	<0.74	U		<0.41	U		<0.69	U		<0.69	U	
		VMP-30-20-100812	10/8/2012	<0.27	U		<0.15	U		<0.25	U		<0.25	U	
		VMP-30-20-020613	2/6/2013	<0.0062	J	U	<0.0034	U		0.0015	J		<0.0057	U	
		VMP-30-20-050613	5/6/2013	<0.065	U		<0.036	U		<0.06	U		<0.06	U	
	30 ft	VMP-30-30-073012	7/30/2012	<0.76	U		<0.42	U		<0.71	U		<0.71	U	
		VMP-30-30-100812	10/8/2012	0.1	J		<0.31	U		<0.52	U		<0.52	U	
		VMP-30-30-020613	2/6/2013	<0.02	U		<0.011	U		<0.019	U		<0.019	U	
		VMP-30-30-050613	5/6/2013	<0.037	U		<0.02	U		<0.034	U		<0.034	U	
VMP-41	10 ft	VMP-41-10-072712	7/27/2012	0.013			<0.0031	U		0.015			0.0045	J	
		VMP-41-10-100912	10/9/2012	0.00089	J		<0.0038	U		0.0038	J		<0.0064	U	
		VMP-41-10-012913	1/29/2013	0.0016	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-41-10-043013	4/30/2013	0.0057	J		<0.0035	U		<0.0059	U		<0.0059	U	
	20 ft	VMP-41-20-072712	7/27/2012	0.0039	J		<0.0024	U		0.0079			0.0028	J	
		VMP-41-20-072712-Dup	7/27/2012	0.0032	J		<0.0024	U		0.008			0.0025	J	
		VMP-41-20-100912	10/9/2012	<0.0068	U		<0.0037	U		0.0037	J		<0.0063	U	
		VMP-41-20-100912-Dup	10/9/2012	<0.0069	U		<0.0038	U		0.0035	J		<0.0064	U	
		VMP-41-20-012913	1/29/2013	0.021			<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-41-20-043013	4/30/2013	<0.0064	J	U	<0.0035	U		<0.0059	J	U	<0.0059	J	U
		VMP-41-20-043013-Dup	4/30/2013	<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	J	U
	30 ft	VMP-41-30-072712	7/27/2012	0.013			<0.0024	U		0.007			0.0028	J	
		VMP-41-30-100912	10/9/2012	0.0038	J		<0.004	U		0.0018	J		<0.0068	U	
		VMP-41-30-012913	1/29/2013	0.02			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-41-30-043013	4/30/2013	0.11			<0.0036	U		<0.0062	U		<0.0062	U	
VMP-55	20 ft	VMP-55-20-021513	2/15/2013	370			<8.8	U		<15	U		<15	U	
		VMP-55-20-050113	5/1/2013	700			<15	U		<25	U		<25	U	

Notes

Lab Qualifiers

J = Estimated value; results between the MDL and RL

U = Compound analyzed for but not detected above the RL

URS Qualifiers

J = Estimated detection

UJ = Estimated non-detect

U = Non-detect due to blank contamination

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-1	5 ft	VMP-1-5	11/2/2009	4.5			4.5			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-1-5-082510	8/25/2010	3			3			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-1-5-111710	11/17/2010	1			1			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-1-5-020411	2/4/2011	8			8			<0.02	U		0.00015	J		<0.002	U	
		VMP-1-5-041211	4/12/2011	1.8			1.8			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-1-5-080111	8/1/2011	7.8			7.8			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-1-5-110311	11/3/2011	7.4			7.4			<0.018	U		0.00087	J		<0.0018	U	
		VMP-1-5-013012	1/30/2012	12			12			<0.018	U		0.00086	J		<0.0018	U	
		VMP-1-5-041312	4/13/2012	2			2			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-1-5-071612	7/16/2012	1.8			1.8			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-1-5-101112	10/11/2012	0.37			0.37			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-1-5-012113	1/21/2013	0.34			0.34			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-1-5-012313-R	1/23/2013	3.1			3.1			<0.12	U		0.00074	J		<0.0023	U	
		VMP-1-5-050813	5/8/2013	1.3			1.3			<0.029	U		<0.0029	U		<0.0029	U	
	8.5 ft	VMP-1-8.5	11/2/2009	12			12			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-1-8.5-082510	8/25/2010	4.8			4.8			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-1-8.5-111710	11/17/2010	4.8			4.8			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-1-8.5-111710-Dup	11/17/2010	4.6			4.6			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-1-8.5-020411	2/4/2011	11			11			<0.024	U		0.00031	J		<0.0024	U	
		VMP-1-8.5-041211	4/12/2011	4.2			4.2			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-1-8.5-080111	8/1/2011	13			13			<0.029	U		0.00067	J		<0.0029	U	
		VMP-1-8.5-080111-Dup	8/1/2011	13			13			<0.028	U		0.00065	J		<0.0028	U	
		VMP-1-8.5-110311	11/3/2011	12			12			<0.016	U		0.002			<0.0016	U	
		VMP-1-8.5-013012	1/30/2012	11			11			<0.018	U		0.00088	J		<0.0018	U	
		VMP-1-8.5-041612	4/16/2012	4.4			4.4			<0.021	U		<0.0021	U		<0.0021	U	
		VMP-1-8.5-041612-Dup	4/16/2012	4.5			4.5			<0.021	U		<0.0021	U		<0.0021	U	
		VMP-1-8.5-071612	7/16/2012	3.3			3.3			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-1-8.5-101112	10/11/2012	1.8			1.8			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-1-8.5-012113	1/21/2013	0.48			0.48			<0.25	U		<0.005	U		<0.005	U	
		VMP-1-8.5-012313-R	1/23/2013	3.3			3.3			<0.12	U		<0.0023	U		<0.0023	U	
		VMP-1-8.5-050813	5/8/2013	2.4			2.4			<0.03	U		<0.003	U		<0.003	U	
	23.5 ft	VMP-1-23.5	11/2/2009	9.8			9.8			<0.024	U		0.0038			<0.0024	U	
		VMP - 1 - 23.5 - 083010	8/30/2010	8.1			8.1			<0.027	U		0.0052			<0.0027	U	
		VMP-1-23.5-111810	11/17/2010	1.6			1.6			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-1-23.5-020411	2/4/2011	8.9			8.9			<0.023	U		0.0052			<0.0023	U	
		VMP-1-23.5-041211	4/12/2011	7.4		J	7.4		J	<0.027	U		0.00072	J		<0.0027	U	
		VMP-1-23.5-041211-DUP	4/12/2011	10		J	10		J	<0.024	U		0.0011	J		<0.0024	U	
		VMP-1-23.5-080111	8/1/2011	9.3			9.3			<0.026	U		0.0057			<0.0026	U	
		VMP-1-23.5-110611	11/6/2011	10			10			<0.018	U		0.0029			<0.0018	U	
		VMP-1-23.5-013112	1/31/2012	9.1			9.1			<0.017	U		0.0023			<0.0017	U	
		VMP-1-23.5-041612	4/16/2012	12			12			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-1-23.5-071612	7/16/2012	7.7			7.7			<0.019	U		0.0012	J		<0.0019	U	
		VMP-1-23.5-102412	10/24/2012	1.3			1.3			<0.029	U		0.00057	J		<0.0029	U	
		VMP-1-23.5-012113	1/21/2013	0.39		J	0.39		J	<0.13	U	UJ	<0.0027	U	UJ	<0.0027	U	UJ
		VMP-1-23.5-012313-R	1/23/2013	8.5			8.5			<0.13	U		0.0035			<0.0026	U	
		VMP-1-23.5-050813	5/8/2013	6.2			6.2			<0.031	U		<0.0031	U		<0.0031	U	
		VMP-1-23.5-050813-Dup	5/8/2013	6.3			6.3			<0.029	U		<0.0029	U		<0.0029	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-1	5 ft	VMP-1-5	11/2/2009	1.6			1.4			81			11		
		VMP-1-5-082510	8/25/2010	0.95			0.0032			79			17		
		VMP-1-5-111710	11/17/2010	3.3			0.0013			76			20		
		VMP-1-5-020411	2/4/2011	0.036	J		0.26			84			7.5		
		VMP-1-5-041211	4/12/2011	0.54			0.000064	J		78			20		
		VMP-1-5-080111	8/1/2011	0.59			0.00007	J		80			12		
		VMP-1-5-110311	11/3/2011	0.017	J		1.7			82			8.5		
		VMP-1-5-013012	1/30/2012	0.026	J		1.4			84			1.7		
		VMP-1-5-041312	4/13/2012	0.05	J		0.000022	J		78			20		
		VMP-1-5-071612	7/16/2012	1.1			0.0012			78			19		
		VMP-1-5-101112	10/11/2012	0.094			0.000034	J		80			19		
		VMP-1-5-012113	1/21/2013	0.17			0.0016			78			21		
		VMP-1-5-012313-R	1/23/2013	<0.12	U		2			78			16		
		VMP-1-5-050813	5/8/2013	0.047	J		0.000073	J		83			16		
	8.5 ft	VMP-1-8.5	11/2/2009	<0.11	U		1.5			85			1.5		
		VMP-1-8.5-082510	8/25/2010	4.1			0.0032			78			13		
		VMP-1-8.5-111710	11/17/2010	1.9			0.0012			81			12		
		VMP-1-8.5-111710-Dup	11/17/2010	1.9			0.00088			80			13		
		VMP-1-8.5-020411	2/4/2011	0.025	J		0.56			87			1.6		
		VMP-1-8.5-041211	4/12/2011	0.057	J		0.00019	J		83			13		
		VMP-1-8.5-080111	8/1/2011	0.017	J		1.8			84			1.5		
		VMP-1-8.5-080111-Dup	8/1/2011	0.015	J		1.8			83			1.7		
		VMP-1-8.5-110311	11/3/2011	0.0025	J		3.6			81			2.3		
		VMP-1-8.5-013012	1/30/2012	0.0064	J		1.4			84			3.5		
		VMP-1-8.5-041612	4/16/2012	0.037	J		0.000058	J		78			18		
		VMP-1-8.5-041612-Dup	4/16/2012	0.097	J		0.000068	J		77			18		
		VMP-1-8.5-071612	7/16/2012	0.063	J		0.00024	J		80			17		
		VMP-1-8.5-101112	10/11/2012	0.023	J		0.000043	J		81			17		
		VMP-1-8.5-012113	1/21/2013	0.99			0.021			78			21		
		VMP-1-8.5-012313-R	1/23/2013	0.0094	J		0.081			81			16		
		VMP-1-8.5-050813	5/8/2013	0.032	J		<0.0003	U		80			18		
	23.5 ft	VMP-1-23.5	11/2/2009	<0.12	U		7.4			80			1.3		
		VMP - 1 - 23.5 - 083010	8/30/2010	0.032	J		9.7			78			1.6		
		VMP-1-23.5-111810	11/17/2010	0.86			0.000052	J		78			19		
		VMP-1-23.5-020411	2/4/2011	0.016	J		12			76			1.3		
		VMP-1-23.5-041211	4/12/2011	0.15			2.2		J	88			2.2		J
		VMP-1-23.5-041211-DUP	4/12/2011	0.023	J		2.9		J	85			1.6		J
		VMP-1-23.5-080111	8/1/2011	0.16			10			76			2.2		
		VMP-1-23.5-110611	11/6/2011	0.089	J		7			80			1.5		
		VMP-1-23.5-013112	1/31/2012	<0.084	U		6			80			4.2		
		VMP-1-23.5-041612	4/16/2012	0.086	J		0.049			84			3.6		
		VMP-1-23.5-071612	7/16/2012	1			2.5			80			7.6		
		VMP-1-23.5-102412	10/24/2012	0.14			1.3			78			19		
		VMP-1-23.5-012113	1/21/2013	6.2		J	0.0044		J	73		J	20		J
		VMP-1-23.5-012313-R	1/23/2013	<0.13	U		7.8			76			4.8		
		VMP-1-23.5-050813	5/8/2013	0.032	J		0.02			83			11		
		VMP-1-23.5-050813-Dup	5/8/2013	0.035	J		0.021			83			11		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-2	38.5 ft	VMP-1-38.5	11/2/2009	5.6			5.6			<0.022	U		0.017			<0.0022	U	
		VMP-1-38.5-073112	7/31/2012	1.7			1.7			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-1-38.5-102612	10/26/2012	0.29			0.29			<0.026	U		0.00068	J		<0.0026	U	
		VMP-1-38.5-012113	1/21/2013	0.13		J	0.13		J	<0.13	U	UJ	<0.0026	U	UJ	<0.0026	U	UJ
		VMP-1-38.5-012313-R	1/23/2013	3.2			3.2			<0.12	U		0.0021	J		<0.0024	U	
		VMP-1-38.5-050913	5/9/2013	4.5			4.5			<0.027	U		0.013			<0.0027	U	
	5 ft	VMP-2-5	11/2/2009	7.8			7.8			<0.023	U		<0.0023	U		<0.0023	U	
		VMP - 2 - 5 - 083110	8/31/2010	10			10			<0.027	U		0.00086	J		<0.0027	U	
		VMP-2-5-111610	11/16/2010	11			11			<0.026	U		0.0021	J		<0.0026	U	
		VMP-2-5-020411	2/4/2011	10			10			<0.028	U		0.00055	J		<0.0028	U	
		VMP-2-5-041311	4/13/2011	3.3			3.3			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-2-5-080211	8/2/2011	12			12			<0.029	U		0.0018	J		<0.0029	U	
		VMP-2-5-110711	11/7/2011	5.3			5.3			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-2-5-012512	1/25/2012	12			12			<0.016	U		<0.0016	U		<0.0016	U	
		VMP-2-5-042512	4/25/2012	6.8			6.8			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-2-5-071612	7/16/2012	1.5			1.5			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-2-5-102412	10/24/2012	0.2			0.2			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-2-5-013113	1/31/2013	0.32			0.32			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-2-5-050613	5/6/2013	0.2			0.2			<0.026	U		<0.0026	U		<0.0026	U	
	8.5 ft	VMP-2-8.5	11/3/2009	2.5			2.5			<0.02	U		<0.002	U		<0.002	U	
		VMP-2-8.5-D	11/3/2009	2.7			2.7			<0.022	U		<0.0022	U		<0.0022	U	
		VMP - 2 - 8.5 - 083110	8/31/2010	11			11			<0.028	U		0.0025	J		<0.0028	U	
		VMP-2-8.5-111610	11/16/2010	11			11			<0.025	U		0.0032			<0.0025	U	
		VMP-2-8.5-020411	2/4/2011	11			11			<0.026	U		0.0011	J		<0.0026	U	
		VMP-2-8.5-041311	4/13/2011	10			10			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-2-8.5-080211	8/2/2011	9.8			9.8			<0.021	U		0.0029			<0.0021	U	
		VMP-2-8.5-110711	11/7/2011	9			9			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-2-8.5-012612	1/26/2012	12			12			<0.016	U		0.00037	J		<0.0016	U	
		VMP-2-8.5-012612-DUP	1/26/2012	12			12			<0.016	U		0.00034	J		<0.0016	U	
		VMP-2-8.5-041612	4/16/2012	1.8			1.8			<0.02	U		<0.002	U		<0.002	U	
		VMP-2-8.5-041612-Dup	4/16/2012	1.8			1.8			<0.02	U		<0.002	U		<0.002	U	
		VMP-2-8.5-071612	7/16/2012	6			6			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-2-8.5-071612-Dup	7/16/2012	6.1			6.1			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-2-8.5-102312	10/23/2012	0.62			0.62			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-2-8.5-020513	2/5/2013	1.8			1.8			<0.15	U		<0.003	U		<0.003	U	
		VMP-2-8.5-050613	5/6/2013	0.8			0.8			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-2-8.5-050613-Dup	5/6/2013	0.79			0.79			<0.027	U		<0.0027	U		<0.0027	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-2	38.5 ft	VMP-1-38.5	11/2/2009	0.23			33			54			1.4		
		VMP-1-38.5-073112	7/31/2012	<0.094	U		0.000097	J		83			15		
		VMP-1-38.5-102612	10/26/2012	1.2			1.8			76			20		
		VMP-1-38.5-012113	1/21/2013	6.6		J	0.0012		J	73		J	20		J
		VMP-1-38.5-012313-R	1/23/2013	<0.12	U		6			75			14		
		VMP-1-38.5-050913	5/9/2013	<0.13	U		39			46			1.4		
	5 ft	VMP-2-5	11/2/2009	2.4			0.0078			79			11		
		VMP - 2 - 5 - 083110	8/31/2010	0.039	J		1.6			85			3.2		
		VMP-2-5-111610	11/16/2010	0.32			3.6			80			4.6		
		VMP-2-5-020411	2/4/2011	0.013	J		1.7			85			3.2		
		VMP-2-5-041311	4/13/2011	0.04	J		0.00014	J		79			18		
		VMP-2-5-080211	8/2/2011	0.0082	J		2.7			83			1.5		
		VMP-2-5-110711	11/7/2011	0.019	J		0.000043	J		85			10		
		VMP-2-5-012512	1/25/2012	<0.078	U		0.62			84			3		
		VMP-2-5-042512	4/25/2012	0.12	J		0.00036			80			13		
		VMP-2-5-071612	7/16/2012	0.025	J		0.0001	J		80			19		
		VMP-2-5-102412	10/24/2012	0.054	J		0.00011	J		81			19		
		VMP-2-5-013113	1/31/2013	0.22			0.00025	J		78			21		
		VMP-2-5-050613	5/6/2013	0.029	J		<0.00026	U		79			21		
	8.5 ft	VMP-2-8.5	11/3/2009	1.2			<0.0002	U		78			18		
		VMP-2-8.5-D	11/3/2009	1.3			<0.00022	U		78			18		
		VMP - 2 - 8.5 - 083110	8/31/2010	0.025	J		4.5			82			1.4		
		VMP-2-8.5-111610	11/16/2010	0.011	J		6.3			80			1.6		
		VMP-2-8.5-020411	2/4/2011	0.86			3.8			82			1.7		
		VMP-2-8.5-041311	4/13/2011	0.028	J		0.0027			84			5.4		
		VMP-2-8.5-080211	8/2/2011	0.0091	J		4.8			80			4		
		VMP-2-8.5-110711	11/7/2011	0.024	J		0.00007	J		85			5.7		
		VMP-2-8.5-012612	1/26/2012	<0.08	U		1.3			85			1.5		J
		VMP-2-8.5-012612-DUP	1/26/2012	<0.08	U		1.2			84			2.5		J
		VMP-2-8.5-041612	4/16/2012	0.015	J		0.0001	J		78			20		
		VMP-2-8.5-041612-Dup	4/16/2012	0.017	J		0.000093	J		78			20		
		VMP-2-8.5-071612	7/16/2012	0.013	J		<0.00028	U		79			15		
		VMP-2-8.5-071612-Dup	7/16/2012	0.016	J		<0.00025	U		79			15		
		VMP-2-8.5-102312	10/23/2012	0.039	J		0.000092	J		80			19		
		VMP-2-8.5-020513	2/5/2013	<0.15	U		<0.0003	U		79			19		
		VMP-2-8.5-050613	5/6/2013	0.023	J		<0.00028	U		78			21		
		VMP-2-8.5-050613-Dup	5/6/2013	0.023	J		<0.00027	U		79			20		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
	22 ft	VMP-2-22	11/3/2009	10			10			<0.022	U		<0.0022	U		<0.0022	U	
		VMP - 2 - 22 - 083110	8/31/2010	10			10			<0.028	U		0.004			<0.0028	U	
		VMP-2-22-111610	11/16/2010	11			11			<0.026	U		0.0038			<0.0026	U	
		VMP-2-22-020411	2/4/2011	11			11			<0.024	U		0.0016	J		<0.0024	U	
		VMP-2-22-041311	4/13/2011	11			11			<0.026	U		0.0013	J		<0.0026	U	
		VMP-2-22-080211	8/2/2011	9.7			9.7			<0.028	U		0.0041			<0.0028	U	
		VMP-2-22-110711	11/7/2011	3.7			3.7			<0.017	U		0.00039	J		<0.0017	U	
		VMP-2-22-012612	1/26/2012	12			12			<0.016	U		0.00073	J		<0.0016	U	
		VMP-2-22-042712	4/27/2012	3.8			3.8			<0.022	U		<0.0022	U		<0.0022	U	
		VMP-2-22-071612	7/16/2012	5.6			5.6			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-2-22-102312	10/23/2012	3.7			3.7			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-2-22-013113	1/31/2013	2.5			2.5			<0.13	U		<0.0027	U		<0.0027	U	
		VMP-2-22-050613	5/6/2013	1.6			1.6			<0.028	U		<0.0028	U		<0.0028	U	
	42 ft	VMP-2-42	11/3/2009	5			5			<0.022	U		0.02			<0.0022	U	
		VMP-2-42-013113	1/31/2013	6.2			6.2			<0.12	U		0.012			<0.0025	U	
		VMP-2-42-050613	5/6/2013	5.6			5.6			<0.028	U		0.0074			<0.0028	U	
	5 ft	VMP-3-5	11/3/2009	8.5			8.5			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-3-5-090910	9/9/2010	12			12			<0.021	U		0.0018	J		<0.0021	U	
		VMP-3-5-112210	11/22/2010	8			8			<0.027	U		0.0028			<0.0027	U	
		VMP-3-5-020911	2/9/2011	4.2			4.2			<0.024	U		0.00094	J		<0.0024	U	
		VMP-3-5-041411	4/14/2011	9.8			9.8			<0.026	U		0.0053			<0.0026	U	
		VMP-3-5-080211	8/2/2011	13			13			<0.063	U		<0.0063	U		<0.0063	U	
		VMP-3-5-110811	11/8/2011	3.1			3.1			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-3-5-110811-DUP	11/8/2011	3			3			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-3-5-012712	1/27/2012	1.9			1.9			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-3-5-041912	4/19/2012	1.9			1.9			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-3-5-072712	7/27/2012	0.37			0.37			<0.02	U		<0.002	U		<0.002	U	
		VMP-3-5-060413	6/4/2013	0.59			0.59			<0.032	U		<0.0032	U		<0.0032	U	
	10 ft	VMP-3-10	6/21/2010	7.9			7.9			<0.03	U		0.01			<0.003	U	
		VMP 3-10-091010	9/10/2010	9.2			9.2			<0.024	U		0.012			<0.0024	U	
		VMP-3-10-092010	9/20/2010	8.3			8.3			<0.025	U		0.011			<0.0025	U	
		VMP-3-10-112210	11/22/2010	8.7			8.7			<0.026	U		0.011			<0.0026	U	
		VMP-3-10-112210-Dup	11/22/2010	8.3			8.3			<0.026	U		0.0098			<0.0026	U	
		VMP-3-10-020811	2/8/2011	8.2			8.2			<0.023	U		0.0072			<0.0023	U	
		VMP-3-10-041311	4/13/2011	8.2			8.2			<0.027	U		0.0092			<0.0027	U	
		VMP-3-10-080311	8/3/2011	14			14			<0.021	U		<0.0021	U		<0.0021	U	
		VMP-3-10-110811	11/8/2011	5			5			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-3-10-012712	1/27/2012	2			2			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-3-10-042012	4/20/2012	1.4			1.4			<0.022	U		<0.0022	U		<0.0022	U	
		VMP-3-10-072312	7/23/2012	1.9			1.9			<0.02	U		<0.002	U		<0.002	U	
		VMP-3-10-101812	10/18/2012	0.76			0.76			<0.03	U		<0.003	U		<0.003	U	
		VMP-3-10-020613	2/6/2013	0.34			0.34			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-3-10-060413	6/4/2013	1.6			1.6			<0.03	U		<0.003	U		<0.003	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
	22 ft	VMP-2-22	11/3/2009	<0.11	U		0.54			85			4		
		VMP - 2 - 22 - 083110	8/31/2010	0.041	J		8			79			1.4		
		VMP-2-22-111610	11/16/2010	<0.13	U		8.2			78			1.5		
		VMP-2-22-020411	2/4/2011	0.01	J		5.1			82			1.5		
		VMP-2-22-041311	4/13/2011	0.049	J		4.3			83			1.7		
		VMP-2-22-080211	8/2/2011	0.021	J		8.2			79			1.9		
		VMP-2-22-110711	11/7/2011	0.0062	J		1.2			80			15		
		VMP-2-22-012612	1/26/2012	0.033	J		3.1			83			2		
		VMP-2-22-042712	4/27/2012	0.0089	J		0.000085	J		82			14		
		VMP-2-22-071612	7/16/2012	0.031	J		0.00018	J		81			13		
		VMP-2-22-102312	10/23/2012	0.052	J		0.000042	J		80			16		
		VMP-2-22-013113	1/31/2013	<0.13	U		0.000019	J		80			18		
		VMP-2-22-050613	5/6/2013	<0.14	U		<0.00028	U		76			22		
	42 ft	VMP-2-42	11/3/2009	<0.11	U		64			16			0.92		
		VMP-2-42-013113	1/31/2013	<0.12	U		25			60			4.1		
		VMP-2-42-050613	5/6/2013	0.01	J		16			76			1.9		
	5 ft	VMP-3-5	11/3/2009	0.18			0.037			86			5		
		VMP-3-5-090910	9/9/2010	0.5			7.5			76			2.7		
		VMP-3-5-112210	11/22/2010	1.5			10			72			6.9		
		VMP-3-5-020911	2/9/2011	0.57			3.9			88			2.6		
		VMP-3-5-041411	4/14/2011	0.48			15			71			1.6		
		VMP-3-5-080211	8/2/2011	0.025	J		0.00046	J		79			7.8		
		VMP-3-5-110811	11/8/2011	0.003	J		<0.00017	U		80			17		
		VMP-3-5-110811-DUP	11/8/2011	0.0035	J		0.00003	J		80			17		
		VMP-3-5-012712	1/27/2012	<0.088	U		0.000052	J		84			14		
		VMP-3-5-041912	4/19/2012	0.038	J		0.000043	J		79			19		
		VMP-3-5-072712	7/27/2012	0.33			0.00028			79			20		
		VMP-3-5-060413	6/4/2013	0.027	J		0.00018	J		81			18		
	10 ft	VMP-3-10	6/21/2010	<0.15	U		26			60			1.3		
		VMP 3-10-091010	9/10/2010	<0.12	U		28			56			1.1		
		VMP-3-10-092010	9/20/2010	<0.12	J	U	26			58			2.9		
		VMP-3-10-112210	11/22/2010	0.044	J		25			60			1.6		
		VMP-3-10-112210-Dup	11/22/2010	0.018	J		23			61			2.6		
		VMP-3-10-020811	2/8/2011	0.1	J		18			68			1.8		
		VMP-3-10-041311	4/13/2011	0.098	J		22			64			1.2		
		VMP-3-10-080311	8/3/2011	0.29			0.29			78			6.9		
		VMP-3-10-110811	11/8/2011	0.051	J		0.0024			85			9.8		
		VMP-3-10-012712	1/27/2012	<0.084	U		0.0028			81			17		
		VMP-3-10-042012	4/20/2012	0.14			0.000024	J		80			18		
		VMP-3-10-072312	7/23/2012	0.94			0.00009	J		78			19		
		VMP-3-10-101812	10/18/2012	0.024	J		0.000056	J		79			20		
		VMP-3-10-020613	2/6/2013	<0.14	U		0.000039	J		79			21		
		VMP-3-10-060413	6/4/2013	<0.15	U		0.0002	J		79			19		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-3	22 ft	VMP-3-22	11/4/2009	8.7			8.7			<0.023	U		0.012			<0.0023	U	
		VMP-3-22-092010	9/20/2010	8			8			<0.024	U		0.013			<0.0024	U	
		VMP-3-22-112210	11/22/2010	8.2			8.2			<0.023	U		0.011			<0.0023	U	
		VMP-3-22-020811	2/8/2011	7.9			7.9			<0.045	U		0.013			<0.0045	U	
		VMP-3-22-041511	4/15/2011	7.8			7.8			<0.025	U		0.012			<0.0025	U	
		VMP-3-22-080611	8/6/2011	2.4			2.4			<0.032	U		<0.0032	U		<0.0032	U	
		VMP-3-22-110811	11/8/2011	1			1			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-3-22-013012	1/30/2012	6.8			6.8			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-3-22-042012	4/20/2012	0.97			0.97			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-3-22-072312	7/23/2012	0.89			0.89			<0.02	U		<0.002	U		<0.002	U	
		VMP-3-22-101812	10/18/2012	2.9			2.9			<0.03	U		<0.003	U		<0.003	U	
		VMP-3-22-020613	2/6/2013	2.6			2.6			<0.14	U		<0.0029	U		<0.0029	U	
		VMP-3-22-060413	6/4/2013	2			2			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-3-22-060413-Dup	6/4/2013	2			2			<0.03	U		<0.003	U		<0.003	U	
	31.5 ft	VMP-3-31.5	11/4/2009	5.6			5.6			<0.025	U		0.02			<0.0025	U	
		VMP-3-31.5-090910	9/9/2010	4.4			4.4			<0.021	U		0.017			<0.0021	U	
		VMP-3-31.5-112210	11/22/2010	4.9			4.9			<0.026	U		0.017			<0.0026	U	
		VMP-3-31.5-020911	2/9/2011	6.4			6.4			<0.02	U		0.014			<0.002	U	
		VMP-3-31.5-041411	4/14/2011	5.7			5.7			<0.025	U		0.016			<0.0025	U	
		VMP-3-31.5-041411-DUP	4/14/2011	5.7			5.7			<0.025	U		0.016			<0.0025	U	
		VMP-3-31.5-080211	8/2/2011	4.7			4.7			<0.028	U		0.017			<0.0028	U	
		VMP-3-31.5-080211-Dup	8/2/2011	4.6			4.6			<0.028	U		0.017			<0.0028	U	
		VMP-3-31.5-110811	11/8/2011	0.37			0.37			<0.018	U		0.00079	J		<0.0018	U	
		VMP-3-31.5-012712	1/27/2012	5.9			5.9			<0.017	U		0.0026			<0.0017	U	
		VMP-3-31.5-041912	4/19/2012	7.6			7.6			<0.019	U		0.0062			<0.0019	U	
		VMP-3-31.5-041912-Dup	4/19/2012	7.6			7.6			<0.018	U		0.0051			<0.0018	U	
		VMP-3-31.5-072312	7/23/2012	7.7			7.7			<0.018	U		0.0018			<0.0018	U	
		VMP-3-31.5-101912	10/19/2012	2.8			2.8			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-3-31.5-020713	2/7/2013	9.9			9.9			<0.13	U		0.0006	J		<0.0026	U	
		VMP-3-31.5-060413	6/4/2013	9.2			9.2			<0.028	U		0.00032	J		<0.0028	U	
	39 ft	VMP-3-39	11/4/2009	5.6			5.6			<0.025	U		0.021			<0.0025	U	
		VMP-3-39-101912	10/19/2012	8.1			8.1			<0.028	U		0.005			<0.0028	U	
		VMP-3-39-021213	2/12/2013	9.5			9.5			<0.13	U		0.0023	J		<0.0026	U	
		VMP-3-39-060413	6/4/2013	7.5			7.5			<0.028	U		0.00029	J		<0.0028	U	
	5 ft	VMP-4-5	11/5/2009	0.69			0.69			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-4-5-082510	8/25/2010	13			13			<0.029	U		0.0005	J		<0.0029	U	
		VMP-4-5-112210	11/22/2010	13			13			<0.027	U		0.0052			<0.0027	U	
		VMP-4-5-021411	2/14/2011	4.8			4.8			<0.025	U		0.00027	J		<0.0025	U	
		VMP-4-5-041911	4/19/2011	12			12			<0.026	U		0.0044			<0.0026	U	
		VMP-4-5-080311	8/3/2011	11			11			<0.031	U		<0.0031	U		<0.0031	U	
		VMP-4-5-110911	11/9/2011	0.056			0.056			<0.022	U		<0.0022	U		<0.0022	U	
		VMP-4-5-013012	1/30/2012	9.5			9.5			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-4-5-042512	4/25/2012	1.5			1.5			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-4-5-072512	7/25/2012	2.1			2.1			<0.021	U		<0.0021	U		<0.0021	U	
		VMP-4-5-101812	10/18/2012	0.74			0.74			<0.031	U		<0.0031	U		<0.0031	U	
		VMP-4-5-020713	2/7/2013	0.24			0.24			<0.16	U		<0.0033	U		<0.0033	U	
		VMP-4-5-050913	5/9/2013	0.94			0.94			<0.031	U		<0.0031	U		<0.0031	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-3	22 ft	VMP-3-22	11/4/2009	<0.12	U		25			58			1.1		
		VMP-3-22-092010	9/20/2010	<0.12	J	U	<0.00024	U		52			1.1		
		VMP-3-22-112210	11/22/2010	0.02	J		28			56			1.3		
		VMP-3-22-020811	2/8/2011	0.013	J		25			60			1.6		
		VMP-3-22-041511	4/15/2011	0.028	J		29			56			1.2		
		VMP-3-22-080611	8/6/2011	0.13	J		0.83			84			13		
		VMP-3-22-110811	11/8/2011	<0.12	U		0.0043			78			21		
		VMP-3-22-013012	1/30/2012	0.0072	J		0.0028			82			11		
		VMP-3-22-042012	4/20/2012	0.016	J		0.0018			79			20		
		VMP-3-22-072312	7/23/2012	0.13			0.00015	J		79			20		
		VMP-3-22-101812	10/18/2012	0.02	J		0.000076	J		79			18		
		VMP-3-22-020613	2/6/2013	<0.14	U		0.00028	J		79			18		
		VMP-3-22-060413	6/4/2013	0.11	J		0.000094	J		79			19		
		VMP-3-22-060413-Dup	6/4/2013	0.1	J		<0.0003	U		79			19		
	31.5 ft	VMP-3-31.5	11/4/2009	<0.12	U		43			36			0.77		
		VMP-3-31.5-090910	9/9/2010	0.018	J		47			30			1.3		
		VMP-3-31.5-112210	11/22/2010	0.024	J		47			32			1.1		
		VMP-3-31.5-020911	2/9/2011	0.016	J		37			46			2		
		VMP-3-31.5-041411	4/14/2011	0.019	J		48			33			0.86		
		VMP-3-31.5-041411-DUP	4/14/2011	0.066	J		48			32			1		
		VMP-3-31.5-080211	8/2/2011	0.035	J		50			27			0.92		
		VMP-3-31.5-080211-Dup	8/2/2011	0.041	J		49			28			1.4		
		VMP-3-31.5-110811	11/8/2011	0.02	J		2.1			77			20		
		VMP-3-31.5-012712	1/27/2012	<0.083	U		11			74			6.8		
		VMP-3-31.5-041912	4/19/2012	1.3			18			64			1.6		
		VMP-3-31.5-041912-Dup	4/19/2012	1.4			18			64			1.6		
		VMP-3-31.5-072312	7/23/2012	0.014	J		5.3			89			3		
		VMP-3-31.5-101912	10/19/2012	<0.14	U		0.21			80			17		
		VMP-3-31.5-020713	2/7/2013	<0.13	U		2.9			85			1.5		
		VMP-3-31.5-060413	6/4/2013	<0.14	U		2.2			86			1.8		
	39 ft	VMP-3-39	11/4/2009	<0.12	U		45			33			0.79		
		VMP-3-39-101912	10/19/2012	0.058	J		12			72			3.5		
		VMP-3-39-021213	2/12/2013	<0.13	U		6.7			80			1.5		
		VMP-3-39-060413	6/4/2013	1.5			1.8			84			5		
	5 ft	VMP-4-5	11/5/2009	34			0.029			51			14		
		VMP-4-5-082510	8/25/2010	0.026	J		1.7			83			2.1		
		VMP-4-5-112210	11/22/2010	0.024	J		14			69			1.9		
		VMP-4-5-021411	2/14/2011	2.9			0.7			79			12		
		VMP-4-5-041911	4/19/2011	0.031	J		12			72			1.3		
		VMP-4-5-080311	8/3/2011	0.012	J		0.01			80			8.4		
		VMP-4-5-110911	11/9/2011	0.077	J		0.0002	J		78			22		
		VMP-4-5-013012	1/30/2012	0.058	J		0.00071			88			1.9		
		VMP-4-5-042512	4/25/2012	0.054	J		0.000042	J		80			18		
		VMP-4-5-072512	7/25/2012	0.04	J		0.00022			80			18		
		VMP-4-5-101812	10/18/2012	0.5			0.00012	J		79			20		
		VMP-4-5-020713	2/7/2013	<0.16	U		0.00016	J		79			21		
		VMP-4-5-050913	5/9/2013	0.078	J		0.00011	J		80			19		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-4	12 ft	VMP-4-12	11/5/2009	9.6			9.6			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-4-12-082510	8/25/2010	14			14			<0.025	U		0.0039			<0.0025	U	
		VMP-4-12-112310	11/23/2010	13			13			<0.026	U		0.0036			<0.0026	U	
		VMP-4-12-021411	2/14/2011	9			9			<0.026	U		0.0016	J		<0.0026	U	
		VMP-4-12-041911	4/19/2011	11			11			<0.025	U		0.0046			<0.0025	U	
		VMP-4-12-080311	8/3/2011	15			15			<0.029	U		0.0018	J		<0.0029	U	
		VMP-4-12-080311-Dup	8/3/2011	15			15			<0.029	U		0.0018	J		<0.0029	U	
		VMP-4-12-110911	11/9/2011	8.5			8.5			<0.018	U		0.000082	J		<0.0018	U	
		VMP-4-12-013012	1/30/2012	11			11			<0.018	U		0.00016	J		<0.0018	U	
		VMP-4-12-041812	4/18/2012	1.7			1.7			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-4-12-072312	7/23/2012	2.7			2.7			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-4-12-101812	10/18/2012	0.98			0.98			<0.03	U		<0.003	U		<0.003	U	
		VMP-4-12-101812-Dup	10/18/2012	1			1			<0.031	U		<0.0031	U		<0.0031	U	
		VMP-4-12-020713	2/7/2013	0.61			0.61			<0.13	U		<0.0027	U		<0.0027	U	
		VMP-4-12-020713-DUP	2/7/2013	0.61			0.61			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-4-12-050913	5/9/2013	0.91			0.91			<0.03	U		<0.003	U		<0.003	U	
	23.5 ft	VMP-4-23.5	11/5/2009	6.7			6.7			<0.023	U		0.021			<0.0023	U	
		VMP - 4 - 23.5 - 083110	8/31/2010	6.1			6.1			<0.029	U		0.018			<0.0029	U	
		VMP-4-23.5-112310	11/23/2010	6.7			6.7			<0.023	U		0.021			<0.0023	U	
		VMP-4-23.5-021411	2/14/2011	6.5			6.5			<0.021	U		0.021			<0.0021	U	
		VMP-4-23.5-042011	4/20/2011	6			6			<0.023	U		0.019			<0.0023	U	
		VMP-4-23.5-042011-DUP	4/20/2011	6			6			<0.023	U		0.02			<0.0023	U	
		VMP-4-23.5-080611	8/6/2011	5.9			5.9			<0.028	U		0.02			<0.0028	U	
		VMP-4-23.5-110911	11/9/2011	5.6			5.6			<0.017	U		0.0097			<0.0017	U	
		VMP-4-23.5-013012	1/30/2012	8.4			8.4			<0.018	U		0.0047			<0.0018	U	
		VMP-4-23.5-013012-DUP	1/30/2012	8.5			8.5			<0.018	U		0.0047			<0.0018	U	
		VMP-4-23.5-041912	4/19/2012	12			12			<0.02	U		0.00015	J		<0.002	U	
		VMP-4-23.5-072312	7/23/2012	10			10			<0.019	U		0.000067	J		0.00022	J	
		VMP-4-23.5-101812	10/18/2012	7.5			7.5			<0.029	U		<0.0029	U		0.00006	J	
		VMP-4-23.5-020713	2/7/2013	6.2			6.2			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-4-23.5-051513	5/15/2013	6.2			6.2			<0.031	U		<0.0031	U		<0.0031	U	
	39 ft	VMP-4-39	11/5/2009	6.6			6.6			<0.024	U		0.02			<0.0024	U	
		VMP-4-39-042111	4/21/2011	6.1			6.1			<0.025	U		0.021			<0.0025	U	
		VMP-4-39-041912	4/19/2012	12			12			<0.02	U		0.0004	J		<0.002	U	
		VMP-4-39-072312	7/23/2012	12			12			<0.019	U		0.00023	J		0.00029	J	
		VMP-4-39-101812	10/18/2012	8.8			8.8			<0.03	U		0.0005	J		0.000087	J	
		VMP-4-39-101812-Dup	10/18/2012	8.7			8.7			<0.028	U		0.00049	J		0.000089	J	
		VMP-4-39-020713	2/7/2013	9.1			9.1			<0.13	U		0.00024	J		0.00012	J	
		VMP-4-39-051513	5/15/2013	5			5			<0.029	U		<0.0029	U		<0.0029	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-4	12 ft	VMP-4-12	11/5/2009	0.26			2.2			84			3.8		
		VMP-4-12-082510	8/25/2010	0.042	J		17			66			1.2		
		VMP-4-12-112310	11/23/2010	<0.13	U		12			72			1.3		
		VMP-4-12-021411	2/14/2011	0.35			4.7			80			5.3		
		VMP-4-12-041911	4/19/2011	0.035	J		13			72			1.5		
		VMP-4-12-080311	8/3/2011	1			6.9			75			1.6		
		VMP-4-12-080311-Dup	8/3/2011	1			6.9			75			1.7		
		VMP-4-12-110911	11/9/2011	4.8			0.38			79			7.2		
		VMP-4-12-013012	1/30/2012	0.11			0.47			86			1.7		
		VMP-4-12-041812	4/18/2012	0.027	J		0.00042			73			25		
		VMP-4-12-072312	7/23/2012	0.84			0.00029			78			18		
		VMP-4-12-101812	10/18/2012	0.52			0.00014	J		78			20		
		VMP-4-12-101812-Dup	10/18/2012	0.59			0.00014	J		78			20		
		VMP-4-12-020713	2/7/2013	0.055	J		0.00036			79			20		
		VMP-4-12-020713-DUP	2/7/2013	0.038	J		0.00034			79			20		
		VMP-4-12-050913	5/9/2013	0.041	J		0.00019	J		79			20		
	23.5 ft	VMP-4-23.5	11/5/2009	<0.12	U		46			32			0.75		
		VMP - 4 - 23.5 - 083110	8/31/2010	<0.14	J	U	43			38			0.81		
		VMP-4-23.5-112310	11/23/2010	0.01	J		50			28			0.77		
		VMP-4-23.5-021411	2/14/2011	0.022	J		51			28			0.91		
		VMP-4-23.5-042011	4/20/2011	0.85		J	46			33			1.4		
		VMP-4-23.5-042011-DUP	4/20/2011	0.06	J	J	49			31			1.2		
		VMP-4-23.5-080611	8/6/2011	0.01	J		45			35			1		
		VMP-4-23.5-110911	11/9/2011	0.043	J		19			64			4.8		
		VMP-4-23.5-013012	1/30/2012	0.01	J		9.2			75			1.4		
		VMP-4-23.5-013012-DUP	1/30/2012	<0.088	U		9.2			75			1.5		
		VMP-4-23.5-041912	4/19/2012	0.015	J		1.2			83			2.2		
		VMP-4-23.5-072312	7/23/2012	0.01	J		0.47			84			4.6		
		VMP-4-23.5-101812	10/18/2012	0.031	J		0.32			78			14		
		VMP-4-23.5-020713	2/7/2013	<0.13	U		0.06			80			14		
		VMP-4-23.5-051513	5/15/2013	<0.16	U		0.18			78			15		
	39 ft	VMP-4-39	11/5/2009	<0.12	U		44			34			1.1		
		VMP-4-39-042111	4/21/2011	0.018	J		51			29			0.9		
		VMP-4-39-041912	4/19/2012	0.018	J		2.1			81			2		
		VMP-4-39-072312	7/23/2012	<0.096	U		1.1			83			2.5		
		VMP-4-39-101812	10/18/2012	0.048			3.1			75			13		
		VMP-4-39-101812-Dup	10/18/2012	0.012	J		3.1			75			13		
		VMP-4-39-020713	2/7/2013	0.072	J		1.6			76			12		
		VMP-4-39-051513	5/15/2013	<0.14	U		0.85			77			17		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-5	5 ft	VMP-5-5	11/5/2009	14			14			<0.022	U		<0.0022	U		<0.0022	U	
		VMP-5-5-090910	9/9/2010	12			12			<0.026	U		0.0036			<0.0026	U	
		VMP-5-5-112210	11/22/2010	13			13			<0.026	U		0.0046			<0.0026	U	
		VMP-5-5-021611	2/16/2011	8			8			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-5-5-042111	4/21/2011	2			2			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-5-5-080511	8/5/2011	7.9			7.9			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-5-5-111111	11/11/2011	14			14			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-5-5-013012	1/30/2012	7.7			7.7			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-5-5-041112	4/11/2012	0.36			0.36			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-5-5-071312	7/13/2012	0.53			0.53			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-5-5-101212	10/12/2012	0.1			0.1			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-5-5-012513	1/25/2013	0.13			0.13			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-5-5-042913	4/29/2013	0.1			0.1			<0.028	U		<0.0028	U		<0.0028	U	
	12.5 ft	VMP-5-12.5	11/6/2009	13			13			<0.026	U		0.004			<0.0026	U	
		VMP-5-12.5-D	11/6/2009	13			13			<0.023	U		0.004			<0.0023	U	
		VMP-5-12.5-090910	9/9/2010	14			14			<0.026	U		0.0032			<0.0026	U	
		VMP-5-12.5-112310	11/23/2010	12			12			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-5-12.5-021611	2/16/2011	13			13			<0.024	U		0.00031	J		<0.0024	U	
		VMP-5-12.5-042111	4/21/2011	6.9			6.9			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-5-12.5-080611	8/6/2011	12			12			<0.025	U		0.0034			<0.0025	U	
		VMP-5-12.5-111111	11/11/2011	14			14			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-5-12.5-013012	1/30/2012	8.2			8.2			<0.02	U		<0.002	U		<0.002	U	
		VMP-5-12.5-041112	4/11/2012	0.64			0.64			<0.022	U		<0.0022	U		<0.0022	U	
		VMP-5-12.5-071212	7/12/2012	0.76			0.76			<0.021	U		<0.0021	U		<0.0021	U	
		VMP-5-12.5-101112	10/11/2012	0.16			0.16			<0.064	U		<0.0064	U		<0.0064	U	
		VMP-5-12.5-012413	1/24/2013	0.16			0.16			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-5-12.5-042913	4/29/2013	0.14			0.14			<0.029	U		<0.0029	U		<0.0029	U	
	31 ft	VMP-5-31	11/6/2009	10			10			<0.024	U		0.014			<0.0024	U	
		VMP-5-31-090910	9/9/2010	9			9			<0.022	U		0.015			<0.0022	U	
		VMP-5-31-112310	11/23/2010	9.2			9.2			<0.024	U		0.012			<0.0024	U	
		VMP-5-31-021611	2/16/2011	9.2			9.2			<0.028	U		0.015			<0.0028	U	
		VMP-5-31-042111	4/21/2011	9			9			<0.026	U		0.012			<0.0026	U	
		VMP-5-31-080611	8/6/2011	9.2			9.2			<0.028	U		0.013			<0.0028	U	
		VMP-5-31-111111	11/11/2011	10			10			<0.018	U		0.0073			<0.0018	U	
		VMP-5-31-013012	1/30/2012	10			10			<0.018	U		0.0034			<0.0018	U	
		VMP-5-31-041112	4/11/2012	12			12			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-5-31-071212	7/12/2012	7			7			<0.02	U		<0.002	U		<0.002	U	
		VMP-5-31-101112	10/11/2012	4			4			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-5-31-012413	1/24/2013	3.6			3.6			<0.13	U		<0.0025	U		<0.0025	U	
		VMP-5-31-042913	4/29/2013	1.8			1.8			<0.029	U		<0.0029	U		<0.0029	U	
	40 ft	VMP-5-40	11/6/2009	9.2			9.2			<0.033	U		0.012			<0.0033	U	
		VMP-5-40-042111	4/21/2011	8.3			8.3			<0.028	U		0.011			<0.0028	U	
		VMP-5-40-013012	1/30/2012	11			11			<0.019	U		0.0034			<0.0019	U	
		VMP-5-40-041212	4/12/2012	11			11			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-5-40-071212	7/12/2012	6.3			6.3			<0.02	U		<0.002	U		<0.002	U	
		VMP-5-40-101112	10/11/2012	3.5			3.5			<0.03	U		<0.003	U		<0.003	U	
		VMP-5-40-012513	1/25/2013	3.6			3.6			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-5-40-012513-Dup	1/25/2013	3.7			3.7			<0.13	U		<0.0025	U		<0.0025	U	
		VMP-5-40-042913	4/29/2013	2.4			2.4			<0.038	U		<0.0038	U		<0.0038	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-5	5 ft	VMP-5-5	11/5/2009	<0.11	U		2.8			81			1.3		
		VMP-5-5-090910	9/9/2010	1.6			3.9			78			2.4		
		VMP-5-5-112210	11/22/2010	0.01	J		7			76			1.6		
		VMP-5-5-021611	2/16/2011	0.47			0.064			76			15		
		VMP-5-5-042111	4/21/2011	0.1	J		<0.00026	U		78			20		
		VMP-5-5-080511	8/5/2011	0.2			0.0013			81			11		
		VMP-5-5-111111	11/11/2011	0.019	J		0.0003			81			5.3		
		VMP-5-5-013012	1/30/2012	<0.094	U		0.000052	J		80			12		
		VMP-5-5-041112	4/11/2012	1.4			0.000086	J		77			21		
		VMP-5-5-071312	7/13/2012	0.99			0.00012	J		78			20		
		VMP-5-5-101212	10/12/2012	1.5			0.00011	J		78			20		
		VMP-5-5-012513	1/25/2013	0.084	J		0.000058	J		79			21		
		VMP-5-5-042913	4/29/2013	0.094	J		<0.00028	U		79			21		
	12.5 ft	VMP-5-12.5	11/6/2009	<0.13	U		6.3			78			1.3		
		VMP-5-12.5-D	11/6/2009	<0.12	U		6.3			77			1.6		
		VMP-5-12.5-090910	9/9/2010	0.039	J		3.7			79			1.3		
		VMP-5-12.5-112310	11/23/2010	0.026	J		0.025			83			5.2		
		VMP-5-12.5-021611	2/16/2011	0.04	J		0.68			83			2.9		
		VMP-5-12.5-042111	4/21/2011	0.089	J		0.00015	J		80			13		
		VMP-5-12.5-080611	8/6/2011	0.013	J		6.6			76			3.7		
		VMP-5-12.5-111111	11/11/2011	0.014	J		<0.00018	U		81			5.1		
		VMP-5-12.5-013012	1/30/2012	0.016	J		0.000036	J		80			12		
		VMP-5-12.5-041112	4/11/2012	0.16			<0.00022	U		79			20		
		VMP-5-12.5-071212	7/12/2012	4.6			0.000079	J		76			19		
		VMP-5-12.5-101112	10/11/2012	0.5			0.000089	J		77			22		
		VMP-5-12.5-012413	1/24/2013	<0.13	U		0.000037	J		79			21		
		VMP-5-12.5-042913	4/29/2013	0.27			<0.00029	U		78			21		
	31 ft	VMP-5-31	11/6/2009	<0.12	U		24			58			1		
		VMP-5-31-090910	9/9/2010	<0.11	J	U	26			55			1.5		
		VMP-5-31-112310	11/23/2010	0.012	J		28			53			1.2		
		VMP-5-31-021611	2/16/2011	0.022	J		24			58			1.3		
		VMP-5-31-042111	4/21/2011	0.015	J		22			60			1.6		
		VMP-5-31-080611	8/6/2011	0.01	J		24			58			1.2		
		VMP-5-31-111111	11/11/2011	0.39			13			71			1.4		
		VMP-5-31-013012	1/30/2012	<0.09	U		6			80			1.8		
		VMP-5-31-041112	4/11/2012	0.096			0.02			86			1.7		
		VMP-5-31-071212	7/12/2012	0.062	J		0.00087			79			14		
		VMP-5-31-101112	10/11/2012	0.068			0.00027	J		80			16		
		VMP-5-31-012413	1/24/2013	<0.13	U		0.00051			78			18		
		VMP-5-31-042913	4/29/2013	0.034	J		0.00016	J		79			19		
	40 ft	VMP-5-40	11/6/2009	<0.16	U		22			60			2.7		
		VMP-5-40-042111	4/21/2011	1.4			19			62			2.6		
		VMP-5-40-013012	1/30/2012	0.81			6.1			79			1.6		
		VMP-5-40-041212	4/12/2012	0.77			0.033			84			4.6		
		VMP-5-40-071212	7/12/2012	0.097	J		0.0096			78			16		
		VMP-5-40-101112	10/11/2012	0.046			0.0034			79			17		
		VMP-5-40-012513	1/25/2013	0.19			0.0018			78			18		
		VMP-5-40-012513-Dup	1/25/2013	0.079	J		0.0018			78			18		
		VMP-5-40-042913	4/29/2013	<0.19	U		0.00065			78			20		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-6	5 ft	VMP-6-5	11/6/2009	13			13			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-6-5-090810	9/8/2010	15			15			<0.026	U		0.00049	J		<0.0026	U	
		VMP-6-5-111610	11/16/2010	14			14			<0.028	U		0.0012	J		<0.0028	U	
		VMP-6-5-020711	2/7/2011	1.7			1.7			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-6-5-040811	4/8/2011	2			2			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-6-5-080411	8/4/2011	3.4			3.4			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-6-5-110911	11/9/2011	1.8			1.8			<0.016	U		<0.0016	U		<0.0016	U	
		VMP-6-5-013112	1/31/2012	9.4			9.4			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-6-5-041212	4/12/2012	0.18			0.18			<0.02	U		<0.002	U		<0.002	U	
		VMP-6-5-071612	7/16/2012	0.31			0.31			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-6-5-101012	10/10/2012	0.096			0.096			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-6-5-021213	2/12/2013	0.086			0.086			<0.12	U		<0.0025	U		<0.0025	U	
	10 ft	VMP-6-10	11/6/2009	14			14			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-6-10-090810	9/8/2010	15			15			<0.024	U		0.0012	J		<0.0024	U	
		VMP-6-10-111710	11/17/2010	9.8			9.8			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-6-10-020711	2/7/2011	8.5			8.5			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-6-10-040811	4/8/2011	11			11			<0.03	U		<0.003	U		<0.003	U	
		VMP-6-10-080411	8/4/2011	15			15			<0.026	U		0.0011	J		<0.0026	U	
		VMP-6-10-111011	11/10/2011	9.5			9.5			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-6-10-013112	1/31/2012	15			15			<0.018	U		0.00027	J		<0.0018	U	
		VMP-6-10-041212	4/12/2012	2			2			<0.02	U		<0.002	U		<0.002	U	
		VMP-6-10-071612	7/16/2012	1.8			1.8			<0.035	U		<0.0035	U		<0.0035	U	
		VMP-6-10-101112	10/11/2012	0.54			0.54			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-6-10-020513	2/5/2013	0.34			0.34			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-6-10-051513	5/15/2013	0.49			0.49			<0.028	U		<0.0028	U		<0.0028	U	
	31.5 ft	VMP-6-31.5	11/9/2009	14			14			<0.022	U		0.003			<0.0022	U	
		VMP-6-31.5-090810	9/8/2010	14			14			<0.026	U		0.0032			<0.0026	U	
		VMP-6-31.5-111710	11/17/2010	13			13			<0.025	U		0.003			<0.0025	U	
		VMP-6-31.5-020711	2/7/2011	13			13			<0.024	U		0.0023	J		<0.0024	U	
		VMP-6-31.5-041111	4/11/2011	13			13			<0.028	U		0.0021	J		<0.0028	U	
		VMP-6-31.5-080411	8/4/2011	12			12			<0.028	U		0.0024	J		<0.0028	U	
		VMP-6-31.5-111011	11/10/2011	14			14			<0.017	U		0.0023			<0.0017	U	
		VMP-6-31.5-013112	1/31/2012	14			14			<0.017	U		0.0018			<0.0017	U	
		VMP-6-31.5-041212	4/12/2012	10			10			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-6-31.5-071612	7/16/2012	7.5			7.5			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-6-31.5-101112	10/11/2012	5.5			5.5			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-6-31.5-020513	2/5/2013	7.5			7.5			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-6-31.5-042913	4/29/2013	6.1			6.1			<0.03	U		<0.003	U		<0.003	U	
	39 ft	VMP-6-39	11/9/2009	15			15			<0.023	U		0.0033			<0.0023	U	
		VMP-6-39-041111	4/11/2011	12			12			<0.027	U		0.0022	J		<0.0027	U	
		VMP-6-39-013112	1/31/2012	14			14			<0.017	U		0.0023			<0.0017	U	
		VMP-6-39-041212	4/12/2012	12			12			<0.02	U		0.000059	J		<0.002	U	
		VMP-6-39-071612	7/16/2012	10			10			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-6-39-071612-Dup	7/16/2012	10			10			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-6-39-101112	10/11/2012	9.4			9.4			<0.035	U		<0.0035	U		<0.0035	U	
		VMP-6-39-020513	2/5/2013	12			12			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-6-39-050913	5/9/2013	7.6			7.6			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-6-39-050913-Dup	5/9/2013	8.3			8.3			<0.029	U		<0.0029	U		<0.0029	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-6	5 ft	VMP-6-5	11/6/2009	<0.12	U		3.7			79			3.3		
		VMP-6-5-090810	9/8/2010	<0.13	J	U	1.4			82			1.4		
		VMP-6-5-111610	11/16/2010	0.074	J		2.7			81			1.5		
		VMP-6-5-020711	2/7/2011	0.42			0.000049	J		79			19		
		VMP-6-5-040811	4/8/2011	0.44			0.0011			78			19		
		VMP-6-5-080411	8/4/2011	0.59			<0.00027	U		80			16		
		VMP-6-5-110911	11/9/2011	0.55			<0.00016	U		78			20		
		VMP-6-5-013112	1/31/2012	0.02	J		0.00097			78			12		
		VMP-6-5-041212	4/12/2012	0.17			0.000025	J		79			21		
		VMP-6-5-071612	7/16/2012	0.12	J		0.0001	J		80			20		
		VMP-6-5-101012	10/10/2012	1.6			0.00011	J		78			20		
		VMP-6-5-021213	2/12/2013	<0.12	U		0.00012	J		79			21		
	10 ft	VMP-6-10	11/6/2009	<0.13	U		4.2			78			2.7		
		VMP-6-10-090810	9/8/2010	<0.12	J	U	3.6			80			1.3		
		VMP-6-10-111710	11/17/2010	0.092	J		<0.00026	U		82			8.5		
		VMP-6-10-020711	2/7/2011	0.67			<0.00025	U		82			9.2		
		VMP-6-10-040811	4/8/2011	0.04	J		0.00028	J		84			5		
		VMP-6-10-080411	8/4/2011	0.05	J		3.2			80			1.9		
		VMP-6-10-111011	11/10/2011	0.068	J		<0.00017	U		81			9.2		
		VMP-6-10-013112	1/31/2012	<0.09	U		0.73			82			1.6		
		VMP-6-10-041212	4/12/2012	0.078	J		<0.0002	U		79			19		
		VMP-6-10-071612	7/16/2012	0.079	J		<0.00035	U		78			20		
		VMP-6-10-101112	10/11/2012	0.078			0.000052	J		79			20		
		VMP-6-10-020513	2/5/2013	1.7			0.000023	J		78			20		
		VMP-6-10-051513	5/15/2013	0.024	J		0.000078	J		78			21		
	31.5 ft	VMP-6-31.5	11/9/2009	<0.11	U		7.7			75			1.4		
		VMP-6-31.5-090810	9/8/2010	<0.13	U		8.6			74			1.2		
		VMP-6-31.5-111710	11/17/2010	0.012	J		7.5			76			1.4		
		VMP-6-31.5-020711	2/7/2011	0.01	J		5.9			78			1.5		
		VMP-6-31.5-041111	4/11/2011	0.08	J		5.2			80			1.5		
		VMP-6-31.5-080411	8/4/2011	0.015	J		6.2			78			2.6		
		VMP-6-31.5-111011	11/10/2011	0.0076	J		5.7			78			1.4		
		VMP-6-31.5-013112	1/31/2012	<0.086	U		4.4			79			1.8		
		VMP-6-31.5-041212	4/12/2012	0.073	J		0.089			85			4.7		
		VMP-6-31.5-071612	7/16/2012	0.069	J		0.0035			84			8.8		
		VMP-6-31.5-101112	10/11/2012	0.034			0.0024			82			12		
		VMP-6-31.5-020513	2/5/2013	<0.13	U		0.0028			82			10		
		VMP-6-31.5-042913	4/29/2013	<0.15	U		0.00045			79			15		
	39 ft	VMP-6-39	11/9/2009	<0.11	U		8.3			73			1.3		
		VMP-6-39-041111	4/11/2011	0.083	J		5.2			77			3.9		
		VMP-6-39-013112	1/31/2012	<0.086	U		5.1			78			1.4		
		VMP-6-39-041212	4/12/2012	0.13			0.15			86			1.6		
		VMP-6-39-071612	7/16/2012	0.053	J		0.0073			84			5.6		
		VMP-6-39-071612-Dup	7/16/2012	0.079	J		0.0074			84			5.6		
		VMP-6-39-101112	10/11/2012	0.12			0.0034			84			6.3		
		VMP-6-39-020513	2/5/2013	<0.13	U		0.00036			82			5.4		
		VMP-6-39-050913	5/9/2013	0.035	J		0.051		J	79			13		
		VMP-6-39-050913-Dup	5/9/2013	0.03	J		0.0013		J	80			12		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-7	5 ft	VMP-7-5	11/9/2009	1.7			1.7			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-7-5-082610	8/26/2010	2.7			2.7			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-7-5-111910	11/19/2010	14			14			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-7-5-020711	2/7/2011	2.6			2.6			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-7-5-040711	4/7/2011	5.3			5.3			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-7-5-080211	8/2/2011	16			16			<0.029	U		0.00035	J		<0.0029	U	
		VMP-7-5-111011	11/10/2011	13			13			<0.022	U		<0.0022	U		<0.0022	U	
		VMP-7-5-111011-DUP	11/10/2011	12			12			<0.016	U		<0.0016	U		<0.0016	U	
		VMP-7-5-013112	1/31/2012	11			11			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-7-5-041212	4/12/2012	0.59			0.59			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-7-5-073112	7/31/2012	0.14			0.14			<0.02	U		<0.002	U		<0.002	U	
		VMP-7-5-101012	10/10/2012	0.23			0.23			<0.03	U		<0.003	U		<0.003	U	
		VMP-7-5-060613	6/6/2013	0.22			0.22			<0.029	U		<0.0029	U		<0.0029	U	
	13.5 ft	VMP-7-13.5	11/9/2009	16			16			<0.022	U		<0.0022	U		<0.0022	U	
		VMP-7-13.5-082610	8/26/2010	16			16			<0.029	U		0.000083	J		<0.0029	U	
		VMP-7-13.5-111910	11/19/2010	16			16			<0.024	U		0.00025	J		<0.0024	U	
		VMP-7-13.5-020711	2/7/2011	9.5			9.5			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-7-13.5-040711	4/7/2011	11			11			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-7-13.5-080311	8/3/2011	17			17			<0.029	U		0.00029	J		<0.0029	U	
		VMP-7-13.5-111011	11/10/2011	16			16			<0.016	U		<0.0016	U		<0.0016	U	
		VMP-7-13.5-013112	1/31/2012	15			15			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-7-13.5-013112-DUP	1/31/2012	15			15			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-7-13.5-041212	4/12/2012	0.69			0.69			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-7-13.5-041312-DUP	4/12/2012	0.8			0.8			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-7-13.5-072012	7/20/2012	1.4			1.4			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-7-13.5-101012	10/10/2012	0.44			0.44			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-7-13.5-021313	2/13/2013	0.23			0.23			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-7-13.5-060513	6/5/2013	0.59			0.59			<0.031	U		<0.0031	U		<0.0031	U	
	29.5 ft	VMP-7-29.5	11/9/2009	17			17			<0.023	U		<0.0023	U		<0.0023	U	
		VMP - 7 - 29.5 - 083110	8/31/2010	15			15			<0.025	U		0.00058	J		<0.0025	U	
		VMP-7-29.5-111910	11/19/2010	16			16			<0.025	U		0.00068	J		<0.0025	U	
		VMP-7-29.5-020711	2/7/2011	15			15			<0.026	U		0.00032	J		<0.0026	U	
		VMP-7-29.5-040711	4/7/2011	13			13			<0.025	U		0.00022	J		<0.0025	U	
		VMP-7-29.5-080311	8/3/2011	15			15			<0.03	U		0.00071	J		<0.003	U	
		VMP-7-29.5-111111	11/11/2011	16			16			<0.018	U		0.00026	J		<0.0018	U	
		VMP-7-29.5-020112	2/1/2012	15			15			<0.018	U		0.00016	J		<0.0018	U	
		VMP-7-29.5-041312	4/13/2012	8.8			8.8			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-7-29.5-072012	7/20/2012	5.6			5.6			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-7-29.5-072012-Dup	7/20/2012	5.8			5.8			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-7-29.5-101012	10/10/2012	4.5			4.5			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-7-29.5-060613	6/6/2013	2.2			2.2			<0.03	U		<0.003	U		<0.003	U	
	38 ft	VMP-7-38	11/9/2009	3.2			3.2			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-7-38-020711	2/7/2011	16			16			<0.022	U		0.00063	J		<0.0022	U	
		VMP-7-38-040711	4/7/2011	15			15			<0.026	U		0.00028	J		<0.0026	U	
		VMP-7-38-020112	2/1/2012	15			15			<0.017	U		0.00017	J		<0.0017	U	
		VMP-7-38-042512	4/25/2012	0.64			0.64			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-7-38-042512-Dup	4/25/2012	0.54			0.54			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-7-38-101112	10/11/2012	0.17			0.17			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-7-38-060613	6/6/2013	4			4			<0.032	U		<0.0032	U		<0.0032	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-7	5 ft	VMP-7-5	11/9/2009	2.7			<0.00023	U		78			18		
		VMP-7-5-082610	8/26/2010	1.9			0.0002	J		79			16		
		VMP-7-5-111910	11/19/2010	0.76			0.0052			80			5.1		
		VMP-7-5-020711	2/7/2011	0.082	J		0.000048	J		80			17		
		VMP-7-5-040711	4/7/2011	0.025	J		<0.00027	U		80			15		
		VMP-7-5-080211	8/2/2011	0.014	J		2.3			80			1.5		
		VMP-7-5-111011	11/10/2011	<0.11	U		<0.00022	U		80			6.8		
		VMP-7-5-111011-DUP	11/10/2011	0.012	J		0.000022	J		80			7.9		
		VMP-7-5-013112	1/31/2012	<0.088	U		0.000017	J		82			7.2		
		VMP-7-5-041212	4/12/2012	0.15			0.00002	J		78			21		
		VMP-7-5-073112	7/31/2012	0.59			0.00022			78			21		
		VMP-7-5-101012	10/10/2012	0.032			0.00011	J		80			20		
		VMP-7-5-060613	6/6/2013	0.03	J		0.00022	J		79			21		
	13.5 ft	VMP-7-13.5	11/9/2009	<0.11	U		0.1			82			2.1		
		VMP-7-13.5-082610	8/26/2010	0.041	J		0.57			82			1.5		
		VMP-7-13.5-111910	11/19/2010	0.014	J		1.8			80			1.6		
		VMP-7-13.5-020711	2/7/2011	0.0099	J		0.00016	J		82			8.6		
		VMP-7-13.5-040711	4/7/2011	0.033	J		<0.00026	U		81			7.6		
		VMP-7-13.5-080311	8/3/2011	0.012	J		1.9			79			1.6		
		VMP-7-13.5-111011	11/10/2011	0.0033	J		0.045			82			2.1		
		VMP-7-13.5-013112	1/31/2012	0.41		J	0.014			83			1.6		
		VMP-7-13.5-013112-DUP	1/31/2012	<0.092	U	UJ	0.014			83			1.5		
		VMP-7-13.5-041212	4/12/2012	0.046	J		0.000046	J		78			21		
		VMP-7-13.5-041312-DUP	4/12/2012	0.052	J		<0.00019	U		79			20		
		VMP-7-13.5-072012	7/20/2012	0.034	J		0.000024	J		79			20		
		VMP-7-13.5-101012	10/10/2012	0.028			0.000039	J		80			20		
		VMP-7-13.5-021313	2/13/2013	0.022	J		0.000024	J		80			20		
		VMP-7-13.5-060513	6/5/2013	0.03	J		0.00023	J		78			21		
	29.5 ft	VMP-7-29.5	11/9/2009	<0.11	U		4.4			77			1.3		
		VMP - 7 - 29.5 - 083110	8/31/2010	<0.12	J	U	4.1			79			1.3		
		VMP-7-29.5-111910	11/19/2010	0.011	J		3.4			79			1.5		
		VMP-7-29.5-020711	2/7/2011	0.2			2			81			1.5		
		VMP-7-29.5-040711	4/7/2011	0.016	J		1.4			81			4.7		
		VMP-7-29.5-080311	8/3/2011	0.0071	J		3.6			80			1.4		
		VMP-7-29.5-111111	11/11/2011	0.0032	J		1.8			80			1.4		
		VMP-7-29.5-020112	2/1/2012	<0.088	U		1			82			2		
		VMP-7-29.5-041312	4/13/2012	0.062	J		0.0019			79			12		
		VMP-7-29.5-072012	7/20/2012	0.014	J		0.000084	J		78			16		
		VMP-7-29.5-072012-Dup	7/20/2012	0.02	J		0.000092	J		77			17		
		VMP-7-29.5-101012	10/10/2012	0.078			0.00022	J		78			17		
		VMP-7-29.5-060613	6/6/2013	<0.15	U		0.00012	J		79			19		
	38 ft	VMP-7-38	11/9/2009	<0.12	U		0.95			79			17		
		VMP-7-38-020711	2/7/2011	0.0087	J		2.2			80			1.5		
		VMP-7-38-040711	4/7/2011	0.013	J		1.8			81			1.9		
		VMP-7-38-020112	2/1/2012	<0.084	U		1.1			81			2.5		
		VMP-7-38-042512	4/25/2012	0.034	J		0.000066	J		79			20		
		VMP-7-38-042512-Dup	4/25/2012	0.04	J		0.000054	J		79			20		
		VMP-7-38-101112	10/11/2012	0.11			0.00011	J		80			20		
		VMP-7-38-060613	6/6/2013	0.1	J		0.00014	J		78			18		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-8	5 ft	VMP-8-5	11/10/2009	5.1			5.1			<0.023	U		<0.0023	U		<0.0023	U	
		VMP - 8 - 5 - 083010	8/30/2010	7.3			7.3			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-8-5-111810	11/17/2010	2			2			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-8-5-021011	2/10/2011	4			4			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-8-5-040711	4/7/2011	2.9			2.9			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-8-5-072711	7/27/2011	8.8			8.8			<0.03	U		<0.003	U		<0.003	U	
		VMP-8-5-110311	11/3/2011	0.61			0.61			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-8-5-012312	1/23/2012	1.1			1.1			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-8-5-041012	4/10/2012	2.1			2.1			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-8-5-071312	7/13/2012	2.1			2.1			<0.016	U		<0.0016	U		<0.0016	U	
		VMP-8-5-073112	7/31/2012	3.5			3.5			<0.021	U		<0.0021	U		<0.0021	U	
		VMP-8-5-100412	10/4/2012	2			2			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-8-5-100412-Dup	10/4/2012	2			2			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-8-5-012413	1/24/2013	0.33			0.33			<0.13	U		<0.0027	U		<0.0027	U	
		VMP-8-5-042513	4/25/2013	0.12			0.12			<0.029	U		<0.0029	U		<0.0029	U	
	9.5 ft	VMP-8-9.5	11/10/2009	9			9			<0.022	U		<0.0022	U		<0.0022	U	
		VMP - 8 - 9.5 - 083010	8/30/2010	8.4			8.4			<0.051	U		<0.0051	U		<0.0051	U	
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010	9.1			9.1			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-8-9.5-111810	11/17/2010	8.5			8.5			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-8-9.5-021011	2/10/2011	7.9			7.9			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-8-9.5-040711	4/7/2011	7.4			7.4			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-8-9.5-072711	7/27/2011	7.2			7.2			<0.04	U		<0.004	U		<0.004	U	
		VMP-8-9.5-110311	11/3/2011	6.5			6.5			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-8-9.5-012312	1/23/2012	6.2			6.2			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-8-9.5-041012	4/10/2012	5.3			5.3			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-8-9.5-071312	7/13/2012	5.8			5.8			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-8-9.5-071312-Dup	7/13/2012	5.6			5.6			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-8-9.5-100412	10/4/2012	4.4			4.4			<0.03	U		<0.003	U		<0.003	U	
		VMP-8-9.5-012413	1/24/2013	3.4			3.4			<0.13	U		<0.0025	U		<0.0025	U	
		VMP-8-9.5-012413-Dup	1/24/2013	3.4			3.4			<0.13	U		<0.0027	U		<0.0027	U	
		VMP-8-9.5-042513	4/25/2013	2.2			2.2			<0.027	U		<0.0027	U		<0.0027	U	
	23.5 ft	VMP-8-23.5	11/10/2009	10			10			<0.024	U		<0.0024	U		<0.0024	U	
		VMP - 8 - 23.5 - 083010	8/30/2010	9.3			9.3			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-8-23.5-111910	11/19/2010	9.9			9.9			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-8-23.5-021011	2/10/2011	9.3			9.3			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-8-23.5-040711	4/7/2011	8.3			8.3			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-8-23.5-040711-DUP	4/7/2011	11			11			<0.06	U		<0.006	U		<0.006	U	
		VMP-8-23.5-081011	8/10/2011	8.8			8.8			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-8-23.5-110611	11/6/2011	9.4			9.4			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-8-23.5-012312	1/23/2012	7.6			7.6			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-8-23.5-041012	4/10/2012	6.3			6.3			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-8-23.5-071312	7/13/2012	6.3			6.3			<0.021	U		<0.0021	U		<0.0021	U	
		VMP-8-23.5-100412	10/4/2012	5.9			5.9			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-8-23.5-012413	1/24/2013	4.8			4.8			<0.14	U		<0.0029	U		<0.0029	U	
		VMP-8-23.5-050113	5/1/2013	4.2			4.2			<0.03	U		<0.003	U		<0.003	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-8	5 ft	VMP-8-5	11/10/2009	<0.12	U		<0.00023	U		79			16		
		VMP - 8 - 5 - 083010	8/30/2010	0.039	J		0.00032			80			13		
		VMP-8-5-111810	11/17/2010	0.14			0.0002	J		78			20		
		VMP-8-5-021011	2/10/2011	0.018	J		0.00015	J		81			15		
		VMP-8-5-040711	4/7/2011	0.032	J		0.00017	J		77			20		
		VMP-8-5-072711	7/27/2011	0.018	J		0.000085	J		79			12		
		VMP-8-5-110311	11/3/2011	<0.086	U		0.0001	J		82			17		
		VMP-8-5-012312	1/23/2012	0.46			0.00024			77			21		
		VMP-8-5-041012	4/10/2012	0.076	J		0.00013	J		81			17		
		VMP-8-5-071312	7/13/2012	22			0.00016			61			15		
		VMP-8-5-073112	7/31/2012	0.0093	J		0.00016	J		78			18		
		VMP-8-5-100412	10/4/2012	0.11	J		0.000097	J		79			18		
		VMP-8-5-100412-Dup	10/4/2012	0.051	J		0.000099	J		80			18		
		VMP-8-5-012413	1/24/2013	<0.13	U		0.00019	J		79			21		
		VMP-8-5-042513	4/25/2013	<0.14	U		0.0003			78			22		
	9.5 ft	VMP-8-9.5	11/10/2009	0.79			<0.00022	U		78			12		
		VMP - 8 - 9.5 - 083010	8/30/2010	<0.25	J	U	0.000048	J		80			12		
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010	0.024	J		0.000026	J		81			9.8		
		VMP-8-9.5-111810	11/17/2010	0.026	J		0.000053	J		78			13		
		VMP-8-9.5-021011	2/10/2011	0.015	J		<0.00025	U		79			13		
		VMP-8-9.5-040711	4/7/2011	0.043	J		<0.00028	U		79			14		
		VMP-8-9.5-072711	7/27/2011	0.0098	J		<0.0004	U		78			15		
		VMP-8-9.5-110311	11/3/2011	0.0035	J		0.000027	J		79			14		
		VMP-8-9.5-012312	1/23/2012	<0.092	U		0.000047	J		78			16		
		VMP-8-9.5-041012	4/10/2012	0.06	J		0.000058	J		80			15		
		VMP-8-9.5-071312	7/13/2012	0.092	J		0.000028	J		78			16		
		VMP-8-9.5-071312-Dup	7/13/2012	0.026	J		0.000039	J		78			16		
		VMP-8-9.5-100412	10/4/2012	0.032	J		0.00016	J		80			16		
		VMP-8-9.5-012413	1/24/2013	0.051	J		0.000041	J		78			18		
		VMP-8-9.5-012413-Dup	1/24/2013	0.054	J		0.000043	J		78			18		
		VMP-8-9.5-042513	4/25/2013	0.025	J		0.0001	J		79			19		
	23.5 ft	VMP-8-23.5	11/10/2009	<0.12	U		<0.00024	U		79			11		
		VMP - 8 - 23.5 - 083010	8/30/2010	0.036	J		0.000032	J		81			9.9		
		VMP-8-23.5-111910	11/19/2010	0.028	J		0.000069	J		79			11		
		VMP-8-23.5-021011	2/10/2011	0.02	J		<0.00027	U		79			12		
		VMP-8-23.5-040711	4/7/2011	0.029	J		<0.00025	U		79			13		
		VMP-8-23.5-040711-DUP	4/7/2011	1.2			<0.0006	U		72			16		
		VMP-8-23.5-081011	8/10/2011	0.0086	J		<0.00026	U		79			12		
		VMP-8-23.5-110611	11/6/2011	0.006	J		0.000096	J		68			22		
		VMP-8-23.5-012312	1/23/2012	<0.096	U		0.00029			77			15		
		VMP-8-23.5-041012	4/10/2012	0.13			0.000097	J		80			14		
		VMP-8-23.5-071312	7/13/2012	0.048	J		0.000046	J		79			15		
		VMP-8-23.5-100412	10/4/2012	0.14	J		0.00038			78			16		
		VMP-8-23.5-012413	1/24/2013	<0.14	U		0.000056	J		78			17		
		VMP-8-23.5-050113	5/1/2013	0.022	J		<0.0003	U		79			17		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-9	5 ft	VMP-9-5	11/11/2009	3.8			3.8			<0.022	U		<0.0022	U		<0.0022	U	
		VMP-9-5-082610	8/26/2010	10			10			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-9-5-111910	11/19/2010	14			14			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-9-5-020811	2/8/2011	1.5			1.5			<0.022	U		<0.0022	U		<0.0022	U	
		VMP-9-5-040611	4/6/2011	10			10			<0.061	U		<0.0061	U		<0.0061	U	
		VMP-9-5-080211	8/2/2011	15			15			<0.03	U		<0.003	U		<0.003	U	
		VMP-9-5-110411	11/4/2011	3			3			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-9-5-012612	1/26/2012	12			12			<0.015	U		<0.0015	U		<0.0015	U	
		VMP-9-5-041112	4/11/2012	0.34			0.34			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-9-5-071312	7/13/2012	0.045			0.045			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-9-5-101012	10/10/2012	0.21			0.21			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-9-5-012513	1/25/2013	0.16	J	J	0.16	J	J	<0.21	U	UJ	0.00013	J	J	<0.0042	U	UJ
		VMP-9-5-021513	2/15/2013	0.16			0.16			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-9-5-050113	5/1/2013	0.065			0.065			<0.029	U		<0.0029	U		<0.0029	U	
	11.5 ft	VMP-9-11.5	11/11/2009	12			12			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-9-11.5-082610	8/26/2010	15			15			<0.026	U		0.00015	J		<0.0026	U	
		VMP-9-11.5-111910	11/19/2010	16			16			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-9-11.5-020911	2/9/2011	10			10			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-9-11.5-020911-DUP	2/9/2011	9.9			9.9			<0.021	U		<0.0021	U		<0.0021	U	
		VMP-9-11.5-040611	4/6/2011	13			13			<0.059	U		<0.0059	U		<0.0059	U	
		VMP-9-11.5-080211	8/2/2011	15			15			<0.028	U		0.0002	J		<0.0028	U	
		VMP-9-11.5-110411	11/4/2011	8.2			8.2			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-9-11.5-012612	1/26/2012	14			14			<0.016	U		<0.0016	U		<0.0016	U	
		VMP-9-11.5-041112	4/11/2012	1			1			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-9-11.5-071312	7/13/2012	1.4			1.4			<0.021	U		<0.0021	U		<0.0021	U	
		VMP-9-11.5-101012	10/10/2012	0.43			0.43			<0.036	U		<0.0036	U		<0.0036	U	
		VMP-9-11.5-012513	1/25/2013	0.3			0.3			<0.12	U		<0.0023	U		<0.0023	U	
		VMP-9-11.5-012513-DUP	1/25/2013	0.31			0.31			<0.13	U		<0.0025	U		<0.0025	U	
		VMP-9-11.5-050113	5/1/2013	0.26			0.26			<0.03	U		<0.003	U		<0.003	U	
	25.5 ft	VMP-9-25.5	11/10/2009	17			17			<0.022	U		<0.0022	U		<0.0022	U	
		VMP-9-25.5-D	11/10/2009	16			16			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-9-25.5-082610	8/26/2010	14			14			<0.024	U		0.00042	J		<0.0024	U	
		VMP-9-25.5-082610-DUP	8/26/2010	14			14			<0.026	U		0.0004	J		<0.0026	U	
		VMP-9-25.5-111910	11/19/2010	15			15			<0.028	U		0.0002	J		<0.0028	U	
		VMP-9-25.5-020911	2/9/2011	15			15			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-9-25.5-040811	4/8/2011	12			12			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-9-25.5-080211	8/2/2011	14			14			<0.028	U		0.00024	J		<0.0028	U	
		VMP-9-25.5-110711	11/7/2011	16			16			<0.019	U		0.000059	J		<0.0019	U	
		VMP-9-25.5-110711-DUP	11/7/2011	15			15			<0.016	U		0.000055	J		<0.0016	U	
		VMP-9-25.5-012612	1/26/2012	15			15			<0.016	U		<0.0016	U		<0.0016	U	
		VMP-9-25.5-041112	4/11/2012	3.2			3.2			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-9-25.5-071312	7/13/2012	3			3			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-9-25.5-071312-Dup	7/13/2012	3			3			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-9-25.5-101012	10/10/2012	1.6			1.6			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-9-25.5-013013	1/30/2013	1.3			1.3			<0.14	U		0.000062	J		<0.0028	U	
		VMP-9-25.5-050113	5/1/2013	0.6			0.6			<0.03	U		<0.003	U		<0.003	U	
		VMP-9-25.5-050113-Dup	5/1/2013	0.61			0.61			<0.031	U		<0.0031	U		<0.0031	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-9	5 ft	VMP-9-5	11/11/2009	11			<0.00022	U		69			16		
		VMP-9-5-082610	8/26/2010	0.012	J		0.000061	J		81			9.1		
		VMP-9-5-111910	11/19/2010	0.042	J		0.00036			82			3.8		
		VMP-9-5-020811	2/8/2011	0.01	J		<0.00022	U		78			20		
		VMP-9-5-040611	4/6/2011	0.034	J		<0.00061	U		83			6.8		
		VMP-9-5-080211	8/2/2011	0.015	J		0.24			83			1.8		
		VMP-9-5-110411	11/4/2011	0.0093	J		0.000035	J		80			17		
		VMP-9-5-012612	1/26/2012	<0.074	U		0.00017			82			6		
		VMP-9-5-041112	4/11/2012	0.22			0.00009	J		80			19		
		VMP-9-5-071312	7/13/2012	0.014	J		0.00022			79			21		
		VMP-9-5-101012	10/10/2012	0.089			0.000099	J		80			20		
		VMP-9-5-012513	1/25/2013	0.28	J	J	0.00029	J	J	66	J	J	34	J	J
		VMP-9-5-021513	2/15/2013	<0.14	U		0.00013	J		79			21		
		VMP-9-5-050113	5/1/2013	0.056	J		0.00013	J		79			21		
	11.5 ft	VMP-9-11.5	11/11/2009	2.5			<0.00028	U		79			6.5		
		VMP-9-11.5-082610	8/26/2010	0.042	J		1.8			82			1.4		
		VMP-9-11.5-111910	11/19/2010	0.021	J		1.5			81			1.6		
		VMP-9-11.5-020911	2/9/2011	0.024	J		<0.00027	U		83			7		
		VMP-9-11.5-020911-DUP	2/9/2011	0.0097	J		<0.00021	U		82			8.4		
		VMP-9-11.5-040611	4/6/2011	0.035	J		0.0025			84			3.2		
		VMP-9-11.5-080211	8/2/2011	0.013	J		3			80			1.4		
		VMP-9-11.5-110411	11/4/2011	0.0058	J		0.000029	J		80			12		
		VMP-9-11.5-012612	1/26/2012	0.048	J		0.00003	J		83			2.8		
		VMP-9-11.5-041112	4/11/2012	0.43			<0.00023	U		80			19		
		VMP-9-11.5-071312	7/13/2012	0.14			<0.00021	U		79			19		
		VMP-9-11.5-101012	10/10/2012	0.24			0.000051	J		79			20		
		VMP-9-11.5-012513	1/25/2013	<0.12	U		0.000037	J		80			20		
		VMP-9-11.5-012513-DUP	1/25/2013	0.027	J		0.00006	J		80			20		
		VMP-9-11.5-050113	5/1/2013	0.26			<0.0003	U		79			20		
	25.5 ft	VMP-9-25.5	11/10/2009	<0.11	U		3.8			78			1.2		
		VMP-9-25.5-D	11/10/2009	<0.12	U		3.8			79			1.3		
		VMP-9-25.5-082610	8/26/2010	0.012	J	J	4.3			80			1.7		
		VMP-9-25.5-082610-DUP	8/26/2010	0.04	J	J	4.3			80			1.5		
		VMP-9-25.5-111910	11/19/2010	<0.14	U		3			80			1.6		
		VMP-9-25.5-020911	2/9/2011	0.011	J		0.98			83			1.3		
		VMP-9-25.5-040811	4/8/2011	9.2			0.64			75			3.3		
		VMP-9-25.5-080211	8/2/2011	0.012	J		3.5			81			1.5		
		VMP-9-25.5-110711	11/7/2011	0.0034	J		1.1			81			1.9		
		VMP-9-25.5-110711-DUP	11/7/2011	0.0058	J		1			82			1.6		
		VMP-9-25.5-012612	1/26/2012	<0.08	U		0.43			83			1.5		
		VMP-9-25.5-041112	4/11/2012	0.082	J		<0.00023	U		80			17		
		VMP-9-25.5-071312	7/13/2012	0.088	J		<0.00026	U		78			19		
		VMP-9-25.5-071312-Dup	7/13/2012	0.076	J		<0.00026	U		78			19		
		VMP-9-25.5-101012	10/10/2012	0.033			<0.00026	U		79			19		
		VMP-9-25.5-013013	1/30/2013	<0.14	U		<0.00028	U		79			20		
		VMP-9-25.5-050113	5/1/2013	0.023	J		<0.0003	U		79			20		
		VMP-9-25.5-050113-Dup	5/1/2013	0.022	J		<0.00031	U		79			20		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-10	38.5 ft	VMP-9-38.5	11/10/2009	17			17			<0.022	U		<0.0022	U		<0.0022	U	
		VMP-9-38.5-020911	2/9/2011	16			16			<0.021	U		0.00011	J		<0.0021	U	
		VMP-9-38.5-040811	4/8/2011	15			15			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-9-38.5-012612	1/26/2012	15			15			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-9-38.5-041112	4/11/2012	7.8			7.8			<0.021	U		<0.0021	U		<0.0021	U	
		VMP-9-38.5-071312	7/13/2012	5.5			5.5			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-9-38.5-101012	10/10/2012	5.9			5.9			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-9-38.5-013013	1/30/2013	5.9			5.9			<0.14	U		0.000066	J		<0.0028	U	
		VMP-9-38.5-050113	5/1/2013	4			4			<0.031	U		<0.0031	U		<0.0031	U	
	5 ft	VMP-10-5	11/11/2009	3.9			3.9			<0.022	U		<0.0022	U		<0.0022	U	
		VMP-10-5-090710	9/7/2010	5.2			5.2			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-10-5-111810	11/17/2010	3.2			3.2			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-10-5-021011	2/10/2011	3.8			3.8			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-10-5-040511	4/5/2011	0.38			0.38			<0.022	U		<0.0022	U		<0.0022	U	
		VMP-10-5-07/2911	7/29/2011	3.8			3.8			<0.052	U		<0.0052	U		<0.0052	U	
		VMP-10-5-110411	11/4/2011	2.5			2.5			<0.014	U		<0.0014	U		<0.0014	U	
		VMP-10-5-012512	1/26/2012	3.3			3.3			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-10-5-041212	4/12/2012	2.8			2.8			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-10-5-071312	7/13/2012	2.2			2.2			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-10-5-101612	10/16/2012	2.1			2.1			<0.03	U		<0.003	U		<0.003	U	
		VMP-10-5-012913	1/29/2013	0.11			0.11			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-10-5-012913-DUP	1/29/2013	0.1			0.1			<0.16	U		<0.0031	U		<0.0031	U	
		VMP-10-5-043013	4/30/2013	0.2			0.2			<0.032	U		<0.0032	U		<0.0032	U	
	10 ft	VMP-10-10	11/11/2009	9.9			9.9			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-10-10-090710	9/7/2010	7.6			7.6			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-10-10-111810	11/17/2010	5.3			5.3			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-10-10-021111	2/11/2011	4			4			<0.02	U		<0.002	U		<0.002	U	
		VMP-10-10-040611	4/6/2011	2.2			2.2			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-10-10-072911	7/29/2011	5.5			5.5			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-10-10-110411	11/4/2011	4.2			4.2			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-10-10-110411-DUP	11/4/2011	4.3			4.3			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-10-10-012512	1/26/2012	4			4			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-10-10-012512-DUP	1/26/2012	4.1			4.1			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-10-10-041112	4/11/2012	3.9			3.9			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-10-10-071312	7/13/2012	3.2			3.2			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-10-10-101612	10/16/2012	2.7			2.7			<0.032	U		<0.0032	U		<0.0032	U	
		VMP-10-10-012913	1/29/2013	0.15			0.15			<0.13	U		<0.0025	U		<0.0025	U	
		VMP-10-10-043013	4/30/2013	0.23			0.23			<0.029	U		<0.0029	U		<0.0029	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-10	38.5 ft	VMP-9-38.5	11/10/2009	<0.11	U		3.2			78			1.2		
		VMP-9-38.5-020911	2/9/2011	<0.1	U		1.4			81			1.5		
		VMP-9-38.5-040811	4/8/2011	0.11	J		1.1			82			1.6		
		VMP-9-38.5-012612	1/26/2012	<0.084	U		0.47			83			1.7		
		VMP-9-38.5-041112	4/11/2012	0.036	J		0.00094			78			14		
		VMP-9-38.5-071312	7/13/2012	0.1	J		0.00012	J		78			16		
		VMP-9-38.5-101012	10/10/2012	0.024	J		0.0054			80			14		
		VMP-9-38.5-013013	1/30/2013	<0.14	U		0.00013	J		79			15		
		VMP-9-38.5-050113	5/1/2013	0.04	J		<0.00031	U		78			18		
	5 ft	VMP-10-5	11/11/2009	<0.11	U		<0.00022	U		78			18		
		VMP-10-5-090710	9/7/2010	<0.13	J	U	0.00017	J		80			15		
		VMP-10-5-111810	11/17/2010	0.024	J		<0.00024	U		79			18		
		VMP-10-5-021011	2/10/2011	0.0094	J		0.00014	J		79			17		
		VMP-10-5-040511	4/5/2011	0.29			0.00017	J		78			21		
		VMP-10-5-07/2911	7/29/2011	0.16	J		<0.00052	U		79			17		
		VMP-10-5-110411	11/4/2011	0.042	J		0.000056	J		78			19		
		VMP-10-5-012512	1/26/2012	0.046	J		<0.00018	U		79			18		
		VMP-10-5-041212	4/12/2012	0.071	J		0.000025	J		79			18		
		VMP-10-5-071312	7/13/2012	0.059	J		0.00003	J		79			19		
		VMP-10-5-101612	10/16/2012	0.047	J		0.00032			80			18		
		VMP-10-5-012913	1/29/2013	0.1	J		0.0001	J		79			21		
		VMP-10-5-012913-DUP	1/29/2013	<0.16	U		0.0001	J		80			20		
		VMP-10-5-043013	4/30/2013	0.042	J		<0.00032	U		79			21		
	10 ft	VMP-10-10	11/11/2009	<0.11	U		<0.00023	U		79			11		
		VMP-10-10-090710	9/7/2010	<0.13	J	U	0.00013	J		79			13		
		VMP-10-10-111810	11/17/2010	0.0082	J		<0.00026	U		79			16		
		VMP-10-10-021111	2/11/2011	0.016	J		0.00009	J		79			17		
		VMP-10-10-040611	4/6/2011	0.026	J		0.000048	J		79			19		
		VMP-10-10-072911	7/29/2011	0.6			<0.00028	U		80			14		
		VMP-10-10-110411	11/4/2011	0.016	J		<0.00018	U		80			16		
		VMP-10-10-110411-DUP	11/4/2011	0.016	J		<0.00018	U		80			16		
		VMP-10-10-012512	1/26/2012	<0.088	U		<0.00018	U		79			17		
		VMP-10-10-012512-DUP	1/26/2012	<0.092	U		0.00011	J		79			17		
		VMP-10-10-041112	4/11/2012	0.067	J		0.000046	J		80			16		
		VMP-10-10-071312	7/13/2012	0.11	J		<0.00025	U		80			17		
		VMP-10-10-101612	10/16/2012	0.049	J		0.00026	J		80			17		
		VMP-10-10-012913	1/29/2013	<0.13	U		0.000034	J		80			20		
		VMP-10-10-043013	4/30/2013	<0.14	U		<0.00029	U		80			20		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
	20 ft	VMP-10-20	11/11/2009	0.15		J	0.15		J	<0.022	U		<0.0022	U		<0.0022	U	
		VMP-10-20-D	11/11/2009	0.23		J	0.23		J	<0.025	U		<0.0025	U		<0.0025	U	
		VMP-10-20-090710	9/7/2010	0.22			0.22			<0.056	U		<0.0056	U		<0.0056	U	
		VMP-10-20-090710-DUP	9/7/2010	0.16			0.16			<0.052	U		<0.0052	U		<0.0052	U	
		VMP-10-20-111810	11/17/2010	8.3			8.3			<0.049	U		<0.0049	U		<0.0049	U	
		VMP-10-20-111810-Dup	11/17/2010	7.4			7.4			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-10-20-021111	2/11/2011	6.4			6.4			<0.051	U		<0.0051	U		<0.0051	U	
		VMP-10-20-040611	4/6/2011	0.58			0.58			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-10-20-072911	7/29/2011	7.1			7.1			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-10-20-110411	11/4/2011	4.6			4.6			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-10-20-012612	1/26/2012	5.6			5.6			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-10-20-041212	4/12/2012	5.1			5.1			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-10-20-071612	7/16/2012	5			5			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-10-20-101612	10/16/2012	4.3			4.3			<0.032	U		<0.0032	U		<0.0032	U	
		VMP-10-20-012913	1/29/2013	0.45			0.45			<0.29	U		<0.0058	U		<0.0058	U	
		VMP-10-20-043013	4/30/2013	0.28			0.28			<0.031	U		<0.0031	U		<0.0031	U	
	30 ft	VMP-10-30	11/13/2009	16			16			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-10-30-041212	4/12/2012	6.1			6.1			<0.032	U		<0.0032	U		<0.0032	U	
		VMP-10-30-071612	7/16/2012	5.9			5.9			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-10-30-101612	10/16/2012	5.1			5.1			<0.03	U		<0.003	U		<0.003	U	
		VMP-10-30-012913	1/29/2013	2.2			2.2			<0.15	U		<0.003	U		<0.003	U	
		VMP-10-30-043013	4/30/2013	1.2			1.2			<0.029	U		<0.0029	U		<0.0029	U	
	5 ft	VMP-11-5	11/17/2009	7.8			7.8			<0.022	U		<0.0022	U		<0.0022	U	
		VMP-11-5-090710	9/7/2010	8			8			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-11-5-112210	11/22/2010	10			10			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-11-5-021111	2/11/2011	8.5			8.5			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-11-5-040611	4/6/2011	8			8			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-11-5-080711	8/7/2011	7.1			7.1			<0.03	U		<0.003	U		<0.003	U	
		VMP-11-5-111111	11/11/2011	11			11			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-11-5-012612	1/26/2012	9.6			9.6			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-11-5-041912	4/19/2012	3.4			3.4			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-11-5-071912	7/16/2012	2.4			2.4			<0.034	U		<0.0034	U		<0.0034	U	
		VMP-11-5-101612	10/16/2012	4.2			4.2			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-11-5-012913	1/29/2013	0.47			0.47			<0.29	U		0.00016	J		<0.0058	U	
		VMP-11-5-043013	4/30/2013	0.45			0.45			<0.03	U		<0.003	U		<0.003	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
	20 ft	VMP-10-20	11/11/2009	<0.11	U		<0.00022	U		78			22		
		VMP-10-20-D	11/11/2009	0.58			<0.00025	U		78			21		
		VMP-10-20-090710	9/7/2010	<0.28	J	U	0.00019	J		80			20		
		VMP-10-20-090710-DUP	9/7/2010	0.076	J		0.00025	J		74			26		
		VMP-10-20-111810	11/17/2010	0.0098	J		<0.00049	U		79			13		
		VMP-10-20-111810-Dup	11/17/2010	0.0043	J		0.000045	J		78			14		
		VMP-10-20-021111	2/11/2011	0.012	J		<0.00051	U		78			16		
		VMP-10-20-040611	4/6/2011	0.028	J		0.00019	J		78			21		
		VMP-10-20-072911	7/29/2011	<0.14	U		<0.00027	U		80			13		
		VMP-10-20-110411	11/4/2011	0.062	J		0.000073	J		79			16		
		VMP-10-20-012612	1/26/2012	<0.084	U		0.000016	J		79			15		
		VMP-10-20-041212	4/12/2012	0.065	J		0.000037	J		80			15		
		VMP-10-20-071612	7/16/2012	0.09	J		<0.00024	U		79			16		
		VMP-10-20-101612	10/16/2012	0.057	J		0.000026	J		81			15		
		VMP-10-20-012913	1/29/2013	<0.29	U		<0.00058	U		78			21		
		VMP-10-20-043013	4/30/2013	<0.16	U		<0.00031	U		80			20		
	30 ft	VMP-10-30	11/13/2009	<0.12	U		<0.00025	U		81			3.4		
		VMP-10-30-041212	4/12/2012	0.085	J		0.00092			80			14		
		VMP-10-30-071612	7/16/2012	0.053	J		0.00026			79			15		
		VMP-10-30-101612	10/16/2012	0.04	J		0.000095	J		80			15		
		VMP-10-30-012913	1/29/2013	<0.15	U		0.000055	J		79			19		
		VMP-10-30-043013	4/30/2013	<0.14	U		<0.00029	U		80			19		
	5 ft	VMP-11-5	11/17/2009	<0.11	U		1			87			4.4		
		VMP-11-5-090710	9/7/2010	<0.12	J	U	0.00072			80			12		
		VMP-11-5-112210	11/22/2010	0.016	J		0.000096	J		80			9.4		
		VMP-11-5-021111	2/11/2011	0.018	J		0.00004	J		80			11		
		VMP-11-5-040611	4/6/2011	0.022	J		0.002			80			12		
		VMP-11-5-080711	8/7/2011	0.01	J		<0.0003	U		79			14		
		VMP-11-5-111111	11/11/2011	0.65			0.000078	J		80			8.3		
		VMP-11-5-012612	1/26/2012	<0.088	U		0.000049	J		81			9.5		
		VMP-11-5-041912	4/19/2012	0.052	J		0.00024	J		73			24		
		VMP-11-5-071912	7/16/2012	0.075	J		0.000057	J		78			19		
		VMP-11-5-101612	10/16/2012	0.028	J		0.000053	J		81			15		
		VMP-11-5-012913	1/29/2013	0.74			0.000098	J		77			22		
		VMP-11-5-043013	4/30/2013	0.2			0.00011	J		78			21		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-11	8 ft	VMP-11-8	11/17/2009	11			11			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-11-8-080910	9/8/2010	7.8			7.8			<0.053	U		<0.0053	U		<0.0053	U	
		VMP-11-8-112210	11/22/2010	11			11			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-11-8-021111	2/11/2011	9.4			9.4			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-11-8-021111-DUP	2/11/2011	9.4			9.4			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-11-8-040611	4/6/2011	8.2			8.2			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-11-8-040611-DUP	4/6/2011	8.1			8.1			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-11-8-080711	8/7/2011	10			10			<0.03	U		<0.003	U		<0.003	U	
		VMP-11-8-111411	11/14/2011	9.7			9.7			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-11-8-012612	1/26/2012	10			10			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-11-8-041912	4/19/2012	4.6			4.6			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-11-8-072012	7/20/2012	3.7			3.7			<0.02	U		<0.002	U		<0.002	U	
		VMP-11-8-101612	10/16/2012	4			4			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-11-8-101612-Dup	10/16/2012	4.2			4.2			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-11-8-012913	1/29/2013	1.1			1.1			<0.15	U		0.000092	J		<0.003	U	
		VMP-11-8-050113	5/1/2013	0.84			0.84			<0.028	U		<0.0028	U		<0.0028	U	
	29 ft	VMP-11-29	11/18/2009	17			17			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-11-29-090810	9/8/2010	14			14			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-11-29-112210	11/22/2010	14			14			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-11-29-112210-Dup	11/22/2010	14			14			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-11-29-021411	2/14/2011	14			14			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-11-29-040611	4/6/2011	15			15			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-11-29-082511	8/25/2011	14			14			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-11-29-082511-Dup	8/25/2011	14			14			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-11-29-111411	11/14/2011	14			14			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-11-29-012612	1/26/2012	16			16			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-11-29-042712	4/27/2012	10			10			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-11-29-072012	7/23/2012	7.2			7.2			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-11-29-101612	10/16/2012	9.2			9.2			<0.03	U		<0.003	U		<0.003	U	
		VMP-11-29-012913	1/29/2013	2.8			2.8			<0.14	U		0.0001	J		<0.0029	U	
		VMP-11-29-043013	4/30/2013	1.4			1.4			<0.028	U		<0.0028	U		<0.0028	U	
	38 ft	VMP-11-38	11/18/2009	16			16			<0.03	U		<0.003	U		<0.003	U	
		VMP-11-38-042312	4/23/2012	17			17			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-11-38-042312-Dup	4/23/2012	17			17			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-11-38-072312	7/23/2012	16			16			<0.02	U		<0.002	U		<0.002	U	
		VMP-11-38-101612	10/16/2012	13			13			<0.03	U		<0.003	U		<0.003	U	
		VMP-11-38-013013	1/30/2013	8.2			8.2			<0.14	U		0.000083	J		<0.0028	U	
		VMP-11-38-043013	4/30/2013	4.7			4.7			<0.03	U		<0.003	U		<0.003	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-11	8 ft	VMP-11-8	11/17/2009	0.21			0.01			84			5.1		
		VMP-11-8-080910	9/8/2010	0.018	J		0.0011			76			16		
		VMP-11-8-112210	11/22/2010	0.031	J		<0.00026	U		80			8.8		
		VMP-11-8-021111	2/11/2011	<0.12	U		<0.00025	U		81			9.7		
		VMP-11-8-021111-DUP	2/11/2011	0.014	J		<0.00024	U		81			9.9		
		VMP-11-8-040611	4/6/2011	0.017	J		0.00007	J		81			11		
		VMP-11-8-040611-DUP	4/6/2011	0.034	J		0.000058	J		80			12		
		VMP-11-8-080711	8/7/2011	0.015	J		<0.0003	U		81			9		
		VMP-11-8-111411	11/14/2011	0.013	J		0.000055	J		80			9.7		
		VMP-11-8-012612	1/26/2012	0.025	J		0.000023	J		81			9.1		
		VMP-11-8-041912	4/19/2012	0.11	J		0.000048	J		78			17		
		VMP-11-8-072012	7/20/2012	0.056	J		0.000055	J		79			17		
		VMP-11-8-101612	10/16/2012	0.037	J		0.000059	J		80			16		
		VMP-11-8-101612-Dup	10/16/2012	0.04	J		0.000044	J		80			16		
		VMP-11-8-012913	1/29/2013	<0.15	U		0.000049	J		80			19		
		VMP-11-8-050113	5/1/2013	0.037	J		<0.00028	U		78			21		
	29 ft	VMP-11-29	11/18/2009	<0.12	U		0.14			80			2.4		
		VMP-11-29-090810	9/8/2010	1			0.048			83			1.6		
		VMP-11-29-112210	11/22/2010	0.0073	J		0.071			84			1.9		
		VMP-11-29-112210-Dup	11/22/2010	0.013	J		0.071			84			1.5		
		VMP-11-29-021411	2/14/2011	0.013	J		0.00048			82			3.6		
		VMP-11-29-040611	4/6/2011	0.031	J		0.00062			83			1.8		
		VMP-11-29-082511	8/25/2011	0.0056	J		0.0025			84			2		
		VMP-11-29-082511-Dup	8/25/2011	0.0044	J		0.00013	J		84			2		
		VMP-11-29-111411	11/14/2011	0.0064	J		0.00017	J		83			2.8		
		VMP-11-29-012612	1/26/2012	<0.084	U		0.00022			82			1.9		
		VMP-11-29-042712	4/27/2012	0.011	J		0.00004	J		81			8.7		
		VMP-11-29-072012	7/23/2012	0.059	J		0.000098	J		80			13		
		VMP-11-29-101612	10/16/2012	0.093	J		0.000089	J		78			13		
		VMP-11-29-012913	1/29/2013	0.071	J		0.000079	J		78			19		
		VMP-11-29-043013	4/30/2013	<0.14	U		<0.00028	U		79			20		
	38 ft	VMP-11-38	11/18/2009	<0.15	U		0.35			81			1.8		
		VMP-11-38-042312	4/23/2012	0.017	J		0.0066			82			1.5		
		VMP-11-38-042312-Dup	4/23/2012	0.02	J		0.0067			81			1.7		
		VMP-11-38-072312	7/23/2012	0.084	J		0.0037			82			1.5		
		VMP-11-38-101612	10/16/2012	0.1	J		0.0023			80			7.2		
		VMP-11-38-013013	1/30/2013	0.06	J		0.0011			78			14		
		VMP-11-38-043013	4/30/2013	<0.15	U		0.00017	J		77			18		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-12	5 ft	VMP-12-5	11/13/2009	14			14			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-12-5-090310	9/3/2010	12			12			<0.027	U		0.0012	J		<0.0027	U	
		VMP-12-5-120310	12/3/2010	13			13			<0.021	U		0.001	J		<0.0021	U	
		VMP-12-5-021511	2/15/2011	7.6			7.6			<0.024	U		0.00044	J		<0.0024	U	
		VMP-12-5-041911	4/19/2011	7.4			7.4			<0.029	U		0.00088	J		<0.0029	U	
		VMP-12-5-080411	8/4/2011	12			12			<0.029	U		0.00068	J		<0.0029	U	
		VMP-12-5-111611	11/16/2011	7			7			<0.016	U		<0.0016	U		<0.0016	U	
		VMP-12-5-012412	1/24/2012	2.8			2.8			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-12-5-041912	4/19/2012	4			4			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-12-5-072612	7/26/2012	0.17			0.17			<0.02	U		<0.002	U		<0.002	U	
		VMP-12-5-072612-Dup	7/26/2012	0.17			0.17			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-12-5-102412	10/24/2012	0.14			0.14			<0.03	U		<0.003	U		<0.003	U	
		VMP-12-5-021813	2/18/2013	0.089			0.089			<0.13	U		<0.0027	U		<0.0027	U	
		VMP-12-5-051013	5/10/2013	0.18			0.18			<0.028	U		<0.0028	U		<0.0028	U	
	11.5 ft	VMP-12-11.5	11/13/2009	14			14			<0.022	U		<0.0022	U		<0.0022	U	
		VMP-12-11.5-090310	9/3/2010	13			13			<0.028	U		0.0011	J		<0.0028	U	
		VMP-12-11.5-120310	12/3/2010	11			11			<0.021	U		0.00072	J		<0.0021	U	
		VMP-12-11.5-021511	2/15/2011	9.1			9.1			<0.027	U		0.00099	J		<0.0027	U	
		VMP-12-11.5-021511-DUP	2/15/2011	8.6			8.6			<0.023	U		0.00094	J		<0.0023	U	
		VMP-12-11.5-041911	4/19/2011	9.2			9.2			<0.026	U		0.0011	J		<0.0026	U	
		VMP-12-11.5-080411	8/4/2011	12			12			<0.028	U		0.00052	J		<0.0028	U	
		VMP-12-11.5-111611	11/16/2011	7.7			7.7			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-12-11.5-012412	1/24/2012	9.6			9.6			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-12-11.5-041912	4/19/2012	5.8			5.8			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-12-11.5-082012	8/20/2012	0.22			0.22			<0.03	U		<0.003	U		<0.003	U	
		VMP-12-11.5-102612	10/26/2012	0.11			0.11			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-12-11.5-021813	2/18/2013	0.13			0.13			<0.14	U		<0.0029	U		<0.0029	U	
		VMP-12-11.5-051013	5/10/2013	2.9			2.9			<0.028	U		<0.0028	U		<0.0028	U	
	25 ft	VMP-12-25	11/13/2009	14			14			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-12-25-090310	9/3/2010	13			13			<0.026	U		0.0012	J		<0.0026	U	
		VMP-12-25-120310	12/3/2010	13			13			<0.022	U		0.000091	J		<0.0022	U	
		VMP-12-25-021511	2/15/2011	13			13			<0.027	U		0.00089	J		<0.0027	U	
		VMP-12-25-041911	4/19/2011	13			13			<0.028	U		0.00097	J		<0.0028	U	
		VMP-12-25-080411	8/4/2011	12			12			<0.026	U		0.001	J		<0.0026	U	
		VMP-12-25-111611	11/16/2011	12			12			<0.016	U		0.001	J		<0.0016	U	
		VMP-12-25-012412	1/24/2012	12			12			<0.017	U		0.00086	J		<0.0017	U	
		VMP-12-25-012412-DUP	1/24/2012	12			12			<0.018	U		0.00085	J		<0.0018	U	
		VMP-12-25-041912	4/19/2012	9.5			9.5			<0.018	U		0.00067	J		<0.0018	U	
		VMP-12-25-072712	7/27/2012	12			12			<0.02	U		0.00012	J		<0.002	U	
		VMP-12-25-072712-Dup	7/27/2012	12			12			<0.02	U		0.000088	J		<0.002	U	
		VMP-12-25-102512	10/25/2012	12			12			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-12-25-021513	2/15/2013	12			12			<0.13	U		0.00025	J		<0.0026	U	
		VMP-12-25-051013	5/10/2013	12			12			<0.026	U		0.00045	J		<0.0026	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-12	5 ft	VMP-12-5	11/13/2009	<0.13	U		33			50			0.9		
		VMP-12-5-090310	9/3/2010	<0.13	U		36			49			0.97		
		VMP-12-5-120310	12/3/2010	0.0086	J		36			47			1.3		
		VMP-12-5-021511	2/15/2011	0.021	J		18			72			1.6		
		VMP-12-5-041911	4/19/2011	0.023	J		31			59			1.4		
		VMP-12-5-080411	8/4/2011	0.062	J		24			61			2.1		
		VMP-12-5-111611	11/16/2011	0.0056	J		0.0003			77			16		
		VMP-12-5-012412	1/24/2012	1.4			0.0045			76			20		
		VMP-12-5-041912	4/19/2012	0.57			0.000054	J		81			14		
		VMP-12-5-072612	7/26/2012	0.2			0.00017	J		80			20		
		VMP-12-5-072612-Dup	7/26/2012	0.13			0.00017	J		80			20		
		VMP-12-5-102412	10/24/2012	0.028	J		0.0001	J		81			19		
		VMP-12-5-021813	2/18/2013	0.34			0.000044	J		78			21		
		VMP-12-5-051013	5/10/2013	0.011	J		0.000088	J		80			20		
	11.5 ft	VMP-12-11.5	11/13/2009	<0.11	U		34			49			0.84		
		VMP-12-11.5-090310	9/3/2010	<0.14	U		38			46			1.1		
		VMP-12-11.5-120310	12/3/2010	0.039	J		27			58			2.5		
		VMP-12-11.5-021511	2/15/2011	0.022	J		35			53			1.5		
		VMP-12-11.5-021511-DUP	2/15/2011	0.04	J		34			54			2.3		
		VMP-12-11.5-041911	4/19/2011	0.023	J		37			50			1.6		
		VMP-12-11.5-080411	8/4/2011	<0.14	U		21			64			1.7		
		VMP-12-11.5-111611	11/16/2011	<0.084	U		0.16			80			12		
		VMP-12-11.5-012412	1/24/2012	0.031	J		3.3			84			2.7		
		VMP-12-11.5-041912	4/19/2012	0.073	J		1.3			80			13		
		VMP-12-11.5-082012	8/20/2012	<0.15	U		0.00012	J		80			20		
		VMP-12-11.5-102612	10/26/2012	0.038	J		0.00014	J		80			20		
		VMP-12-11.5-021813	2/18/2013	0.1	J		0.000079	J		80			20		
		VMP-12-11.5-051013	5/10/2013	<0.14	U		0.091			83			14		
	25 ft	VMP-12-25	11/13/2009	<0.11	U		33			49			0.84		
		VMP-12-25-090310	9/3/2010	<0.13	J	U	36			47			0.99		
		VMP-12-25-120310	12/3/2010	<0.11	U		4.8			80			1.5		
		VMP-12-25-021511	2/15/2011	0.026	J		32			52			1.4		
		VMP-12-25-041911	4/19/2011	0.032	J		35			49			1.1		
		VMP-12-25-080411	8/4/2011	0.013	J		35			49			2.2		
		VMP-12-25-111611	11/16/2011	<0.078	U		36			49			1.5		
		VMP-12-25-012412	1/24/2012	0.0067	J		31			54			1.3		J
		VMP-12-25-012412-DUP	1/24/2012	0.043	J		30			55			1.8		J
		VMP-12-25-041912	4/19/2012	0.046	J		29			58			2.3		
		VMP-12-25-072712	7/27/2012	0.037	J		4.8			81			1.9		
		VMP-12-25-072712-Dup	7/27/2012	0.035	J		5			81			1.6		
		VMP-12-25-102512	10/25/2012	0.055	J		0.92			85			1.8		
		VMP-12-25-021513	2/15/2013	<0.13	U		12			74			1.4		
		VMP-12-25-051013	5/10/2013	<0.13	U		22			64			1.4		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-13	39 ft	VMP-12-39	11/13/2009	14			14			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-12-39-041911	4/19/2011	13			13			<0.03	U		0.0014	J		<0.003	U	
		VMP-12-39-012412	1/24/2012	12			12			<0.018	U		0.0017	J		<0.0018	U	
		VMP-12-39-041912	4/19/2012	12			12			<0.018	U		0.0009	J		<0.0018	U	
		VMP-12-39-072612	7/26/2012	12			12			<0.02	U		0.0005	J		<0.002	U	
		VMP-12-39-102412	10/24/2012	14			14			<0.032	U		0.00078	J		<0.0032	U	
		VMP-12-39-021513	2/15/2013	14			14			<0.12	U		0.00064	J		<0.0024	U	
		VMP-12-39-051013	5/10/2013	12			12			<0.025	U		0.00056	J		<0.0025	U	
	5 ft	VMP-13-5	11/16/2009	14			14			<0.024	U		<0.0024	U		<0.0024	U	
		VMP 13-5-091310	9/13/2010	8.4			8.4			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-13-5-120110	12/1/2010	6.1			6.1			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-13-5-021811	2/18/2011	3.6			3.6			<0.073	U		<0.0073	U		<0.0073	U	
		VMP-13-5-040511	4/5/2011	3.4			3.4			<0.055	U		<0.0055	U		<0.0055	U	
		VMP-13-5-080911	8/9/2011	9.1			9.1			<0.03	U		<0.003	U		<0.003	U	
		VMP-13-5-080911-DUP	8/9/2011	6.2			6.2			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-13-5-111411	11/14/2011	6.2			6.2			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-13-5-012712	1/27/2012	4.6			4.6			<0.016	U		<0.0016	U		<0.0016	U	
		VMP-13-5-042012	4/20/2012	3.4			3.4			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-13-5-071912	7/19/2012	4.3			4.3			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-13-5-071912-Dup	7/19/2012	4.4			4.4			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-13-5-100912	10/9/2012	2.8			2.8			<0.037	U		<0.0037	U		<0.0037	U	
		VMP-13-5-012913	1/29/2013	0.24			0.24			<0.16	U		<0.0031	U		<0.0031	U	
		VMP-13-5-050113	5/1/2013	0.24			0.24			<0.027	U		<0.0027	U		<0.0027	U	
	10.5 ft	VMP-13-10.5	11/17/2009	0.14		J	0.14		J	<0.024	U		<0.0024	U		<0.0024	U	
		VMP-13-10.5-D	11/17/2009	0.23		J	0.23		J	<0.025	U		<0.0025	U		<0.0025	U	
		VMP 13-10.5-091310	9/13/2010	11			11			<0.049	U		<0.0049	U		<0.0049	U	
		VMP 13-10.5-091310-Dup	9/13/2010	11			11			<0.048	U		<0.0048	U		<0.0048	U	
		VMP-13-10.5-120110	12/1/2010	8.6			8.6			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-13-10.5-120110-DUP	12/1/2010	8.6			8.6			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-13-10.5-021811	2/18/2011	12			12			<0.027	U		0.00022	J		<0.0027	U	
		VMP-13-10.5-021811-DUP	2/18/2011	12			12			<0.026	U		0.00023	J		<0.0026	U	
		VMP-13-10.5-040511-DUP	4/5/2011	5.9			5.9			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-13-10.5-080911	8/9/2011	11			11			<0.03	U		0.00012	J		<0.003	U	
		VMP-13-10.5-111411	11/14/2011	7			7			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-13-10.5-012712	1/26/2012	5.8			5.8			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-13-10.5-012712-DUP	1/26/2012	5.9			5.9			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-13-10.5-042012	4/20/2012	4.2			4.2			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-13-10.5-071912	7/19/2012	5.9			5.9			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-13-10.5-100912	10/9/2012	3.4			3.4			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-13-10.5-100912-Dup	10/9/2012	3.6			3.6			<0.038	U		<0.0038	U		<0.0038	U	
		VMP-13-10.5-013013	1/30/2013	0.32			0.32			<0.13	U		<0.0025	U		<0.0025	U	
		VMP-13-10.5-050113	5/1/2013	0.27			0.27			<0.037	U		<0.0037	U		<0.0037	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-13	39 ft	VMP-12-39	11/13/2009	<0.12	U		32			50			0.95		
		VMP-12-39-041911	4/19/2011	0.014	J		42			42			1		
		VMP-12-39-012412	1/24/2012	<0.088	U		49			36			1.1		
		VMP-12-39-041912	4/19/2012	0.082	J		40			46			1		
		VMP-12-39-072612	7/26/2012	0.034	J		21			65			1.4		
		VMP-12-39-102412	10/24/2012	0.035			12			72			1.6		
		VMP-12-39-021513	2/15/2013	<0.12	U		26			58			1.5		
		VMP-12-39-051013	5/10/2013	<0.12	U		28			54			4.9		
	5 ft	VMP-13-5	11/16/2009	<0.12	U		0.82			82			2.5		
		VMP 13-5-091310	9/13/2010	<0.13	U		0.00088			84			7		
		VMP-13-5-120110	12/1/2010	0.047	J		<0.00023	U		81			13		
		VMP-13-5-021811	2/18/2011	0.017	J		0.0048			80			16		
		VMP-13-5-040511	4/5/2011	0.079	J		<0.00055	U		81			16		
		VMP-13-5-080911	8/9/2011	0.24			0.0095			84			6.5		
		VMP-13-5-080911-DUP	8/9/2011	0.17			0.0061			83			11		
		VMP-13-5-111411	11/14/2011	0.0074	J		0.000065	J		82			12		
		VMP-13-5-012712	1/27/2012	0.0064	J		0.000092	J		81			14		
		VMP-13-5-042012	4/20/2012	<0.13	U		0.000032	J		81			16		
		VMP-13-5-071912	7/19/2012	0.14			0.000083	J		80			16		
		VMP-13-5-071912-Dup	7/19/2012	0.032	J		0.000079	J		80			16		
		VMP-13-5-100912	10/9/2012	0.034	J		0.000091	J		79			18		
		VMP-13-5-012913	1/29/2013	0.091	J		0.000061	J		79			21		
		VMP-13-5-050113	5/1/2013	0.11	J		0.000075	J		80			20		
	10.5 ft	VMP-13-10.5	11/17/2009	<0.12	U		0.0079		J	80			20		
		VMP-13-10.5-D	11/17/2009	<0.12	U		0.015		J	79			21		
		VMP 13-10.5-091310	9/13/2010	<0.24	U		0.068			86			3.4		
		VMP 13-10.5-091310-Dup	9/13/2010	<0.24	U		0.076			85			3.6		
		VMP-13-10.5-120110	12/1/2010	0.028	J		0.00032			82			8.8		
		VMP-13-10.5-120110-DUP	12/1/2010	<0.14	U		0.0003			83			8.7		
		VMP-13-10.5-021811	2/18/2011	<0.13	U		1.1			84			2.5		
		VMP-13-10.5-021811-DUP	2/18/2011	0.021	J		1.1			85			1.9		
		VMP-13-10.5-040511-DUP	4/5/2011	0.023	J		<0.00028	U		83			11		
		VMP-13-10.5-080911	8/9/2011	0.0088	J		0.59			87			1.7		
		VMP-13-10.5-111411	11/14/2011	0.0057	J		0.000084	J		83			10		
		VMP-13-10.5-012712	1/26/2012	0.23			0.000062	J		82			12		
		VMP-13-10.5-012712-DUP	1/26/2012	0.75			0.000064	J		81			12		
		VMP-13-10.5-042012	4/20/2012	<0.11	U		0.00005	J		81			15		
		VMP-13-10.5-071912	7/19/2012	0.045	J		0.00005	J		81			13		
		VMP-13-10.5-100912	10/9/2012	<0.12	J	U	0.000085	J		78			18		
		VMP-13-10.5-100912-Dup	10/9/2012	0.023	J		0.000066	J		79			17		
		VMP-13-10.5-013013	1/30/2013	0.075	J		0.000075	J		79			21		
		VMP-13-10.5-050113	5/1/2013	0.97			<0.00037	U		80			19		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
	21.5 ft	VMP-13-21.5	11/17/2009	15			15			<0.021	U		<0.0021	U		<0.0021	U	
		VMP 13-21.5-091310	9/13/2010	12			12			<0.024	U		0.00034	J		<0.0024	U	
		VMP-13-21.5-120110	12/1/2010	13			13			<0.024	U		0.00037	J		<0.0024	U	
		VMP-13-21.5-021811	2/18/2011	12			12			<0.025	U		0.00026	J		<0.0025	U	
		VMP-13-21.5-040511	4/5/2011	7.5			7.5			<0.024	U		0.0002	J		<0.0024	U	
		VMP-13-21.5-080911	8/9/2011	11			11			<0.03	U		0.00038	J		<0.003	U	
		VMP-13-21.5-111411	11/14/2011	11			11			<0.018	U		0.00026	J		<0.0018	U	
		VMP-13-21.5-111411-DUP	11/14/2011	11			11			<0.018	U		0.00025	J		<0.0018	U	
		VMP-13-21.5-012712	1/27/2012	12			12			<0.016	U		0.00012	J		<0.0016	U	
		VMP-13-21.5-042012	4/20/2012	10			10			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-13-21.5-071912	7/19/2012	10			10			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-13-21.5-100912	10/9/2012	15			15			<0.03	U		<0.003	U		<0.003	U	
		VMP-13-21.5-013013	1/30/2013	1.4			1.4			<0.15	U		<0.003	U		<0.003	U	
		VMP-13-21.5-050113	5/1/2013	0.45			0.45			<0.03	U		<0.003	U		<0.003	U	
	29.5 ft	VMP-13-29.5	11/17/2009	13			13			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-13-29.5-021811	2/18/2011	13			13			<0.022	U		0.00052	J		<0.0022	U	
		VMP-13-29.5-040511	4/5/2011	12			12			<0.022	U		0.00047	J		<0.0022	U	
		VMP-13-29.5-013012	1/30/2012	12			12			<0.017	U		0.0002	J		<0.0017	U	
		VMP-13-29.5-042012	4/20/2012	12			12			<0.017	U		0.00014	J		<0.0017	U	
		VMP-13-29.5-071912	7/19/2012	13			13			<0.019	U		0.000073	J		<0.0019	U	
		VMP-13-29.5-100912	10/9/2012	14			14			<0.03	U		0.000076	J		<0.003	U	
		VMP-13-29.5-013013	1/30/2013	5.2			5.2			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-13-29.5-050113	5/1/2013	2.6			2.6			<0.031	U		<0.0031	U		<0.0031	U	
	5 ft	VMP-14-5	11/20/2009	2			2			<0.026	U		<0.0026	U		<0.0026	U	
		VMP 14-5-091010	9/10/2010	19			19			<0.025	U		0.0063			<0.0025	U	
		VMP-14-5-120110	12/1/2010	2.6			2.6			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-14-5-021711	2/17/2011	1.9			1.9			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-14-5-040511	4/5/2011	2.6			2.6			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-14-5-080811	8/8/2011	16			16			<0.028	U		0.0081			<0.0028	U	
		VMP-14-5-111411	11/14/2011	8.2			8.2			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-14-5-042012	4/20/2012	2.9			2.9			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-14-5-072312	7/23/2012	8.5			8.5			<0.021	U		<0.0021	U		<0.0021	U	
		VMP-14-5-101012	10/10/2012	1.2			1.2			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-14-5-013113	1/31/2013	0.09			0.09			<0.13	U		<0.0027	U		<0.0027	U	
		VMP-14-5-050113	5/1/2013	0.15			0.15			<0.031	U		<0.0031	U		<0.0031	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
	21.5 ft	VMP-13-21.5	11/17/2009	<0.11	U		1.6			81			1.3		
		VMP 13-21.5-091310	9/13/2010	<0.12	U		2			83			2.5		
		VMP-13-21.5-120110	12/1/2010	0.02	J		1.8			83			1.8		
		VMP-13-21.5-021811	2/18/2011	0.027	J		1.2			85			1.9		
		VMP-13-21.5-040511	4/5/2011	0.029	J		0.88			83			8.2		
		VMP-13-21.5-080911	8/9/2011	0.0062	J		1.9			85			1.6		
		VMP-13-21.5-111411	11/14/2011	0.005	J		1.1			86			1.5		
		VMP-13-21.5-111411-DUP	11/14/2011	0.0038	J		1.1			86			1.5		
		VMP-13-21.5-012712	1/27/2012	<0.08	U		0.5			85			2.8		
		VMP-13-21.5-042012	4/20/2012	<0.12	U		0.074			82			8.3		
		VMP-13-21.5-071912	7/19/2012	0.042	J		0.0027			82			7.7		
		VMP-13-21.5-100912	10/9/2012	<0.051		U	0.0015			83			2		
		VMP-13-21.5-013013	1/30/2013	<0.15	U		0.00002	J		79			20		
		VMP-13-21.5-050113	5/1/2013	0.017	J		<0.0003	U		80			20		
	29.5 ft	VMP-13-29.5	11/17/2009	<0.12	U		1.6			81			1.7		
		VMP-13-29.5-021811	2/18/2011	0.01	J		1.8			83			1.6		
		VMP-13-29.5-040511	4/5/2011	0.0083	J		2			84			1.7		
		VMP-13-29.5-013012	1/30/2012	0.023	J		0.84			85			2		
		VMP-13-29.5-042012	4/20/2012	0.0058	J		0.4			86			1.5		
		VMP-13-29.5-071912	7/19/2012	0.084	J		0.18			85			1.7		
		VMP-13-29.5-100912	10/9/2012	0.042	J		0.19			84			1.5		
		VMP-13-29.5-013013	1/30/2013	<0.13	U		0.0037			79			16		
		VMP-13-29.5-050113	5/1/2013	<0.16	U		0.00015	J		80			17		
	5 ft	VMP-14-5	11/20/2009	0.13			0.0013			87			11		
		VMP 14-5-091010	9/10/2010	0.01	J		10			69			1.8		
		VMP-14-5-120110	12/1/2010	0.025	J		0.00007	J		85			12		
		VMP-14-5-021711	2/17/2011	0.031	J		0.016			93			5		
		VMP-14-5-040511	4/5/2011	0.025	J		0.0022			78			19		
		VMP-14-5-080811	8/8/2011	0.0098	J		19			62			1.8		
		VMP-14-5-111411	11/14/2011	1.5			0.000018	J		76			14		
		VMP-14-5-042012	4/20/2012	0.026	J		<0.00025	U		79			18		
		VMP-14-5-072312	7/23/2012	0.039	J		<0.00021	U		80			11		
		VMP-14-5-101012	10/10/2012	0.14			0.000042	J		78			21		
		VMP-14-5-013113	1/31/2013	0.15			0.000058	J		79			21		
		VMP-14-5-050113	5/1/2013	0.99			<0.00031	U		78			21		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-14	11.5 ft	VMP-14-11.5	11/16/2009	12			12			<0.025	U		0.005			<0.0025	U	
		VMP 14-11.5-091010	9/10/2010	16			16			<0.023	U		0.01			<0.0023	U	
		VMP-14-11.5-120110	12/2/2010	3.6			3.6			<0.025	U		0.001	J		<0.0025	U	
		VMP-14-11.5-120110-DUP	12/2/2010	3.6			3.6			<0.024	U		0.001	J		<0.0024	U	
		VMP-14-11.5-021711	2/17/2011	3.6			3.6			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-14-11.5-021711-DUP	2/17/2011	3.7			3.7			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-14-11.5-040511	4/5/2011	11			11			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-14-11.5-080811	8/8/2011	18			18			<0.028	U		0.0021	J		<0.0028	U	
		VMP-14-11.5-111511	11/15/2011	14			14			<0.017	U		0.001	J		<0.0017	U	
		VMP-14-11.5-012612	1/26/2012	4.2			4.2			<0.018	U		0.00082	J		<0.0018	U	
		VMP-14-11.5-042312	4/23/2012	4.5			4.5			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-14-11.5-042312-Dup	4/23/2012	4.1			4.1			<0.03	U		<0.003	U		<0.003	U	
		VMP-14-11.5-072512	7/25/2012	15			15			<0.019	U		0.00035	J		<0.0019	U	
		VMP-14-11.5-101012	10/10/2012	6.7			6.7			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-14-11.5-013113	1/31/2013	0.42			0.42			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-14-11.5-050113	5/1/2013	0.46			0.46			<0.04	U		<0.004	U		<0.004	U	
	20 ft	VMP-14-20	11/16/2009	18			18			<0.024	U		0.0062			<0.0024	U	
		VMP 14-20-091010	9/10/2010	17			17			<0.023	U		0.012			<0.0023	U	
		VMP 14-20-091010-Dup	9/10/2010	17			17			<0.024	U		0.011			<0.0024	U	
		VMP-14-20-120110	12/2/2010	18			18			<0.024	U		0.0047			<0.0024	U	
		VMP-14-20-021811	2/18/2011	16			16			<0.027	U		0.0058			<0.0027	U	
		VMP-14-20-040511	4/5/2011	14			14			<0.053	U		0.006			<0.0053	U	
		VMP-14-20-080811	8/8/2011	16			16			<0.028	U		0.0088			<0.0028	U	
		VMP-14-20-111511	11/15/2011	18			18			<0.018	U		0.006			<0.0018	U	
		VMP-14-20-012612	1/26/2012	17			17			<0.018	U		0.0037			<0.0018	U	
		VMP-14-20-042312	4/23/2012	15			15			<0.019	U		0.0021			<0.0019	U	
		VMP-14-20-072512	7/25/2012	14			14			<0.018	U		0.0014	J		<0.0018	U	
		VMP-14-20-101612	10/16/2012	18			18			<0.028	U		0.00081	J		<0.0028	U	
		VMP-14-20-013113	1/31/2013	10			10			<0.13	U		0.00036	J		<0.0025	U	
		VMP-14-20-013113-DUP	1/31/2013	10			10			<0.12	U		0.00036	J		<0.0024	U	
		VMP-14-20-050113	5/1/2013	1.2			1.2			<0.03	U		<0.003	U		<0.003	U	
		VMP-14-20-050113-Dup	5/1/2013	1.3			1.3			<0.03	U		<0.003	U		<0.003	U	
	29 ft	VMP-14-29	11/16/2009	17			17			<0.023	U		0.0073			<0.0023	U	
		VMP-14-29-021811	2/18/2011	16			16			<0.026	U		0.0062			<0.0026	U	
		VMP-14-29-040511	4/5/2011	16			16			<0.028	U		0.0058			<0.0028	U	
		VMP-14-29-012612	1/26/2012	17			17			<0.016	U		0.0039			<0.0016	U	
		VMP-14-29-042312	4/23/2012	15			15			<0.018	U		0.0023			<0.0018	U	
		VMP-14-29-072512	7/25/2012	15			15			<0.019	U		0.0017	J		<0.0019	U	
		VMP-14-29-101612	10/16/2012	17			17			<0.028	U		0.0012	J		<0.0028	U	
		VMP-14-29-013113	1/31/2013	15			15			<0.12	U		0.0013	J		<0.0025	U	
		VMP-14-29-050213	5/2/2013	12			12			<0.03	U		0.0039			<0.003	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-14	11.5 ft	VMP-14-11.5	11/16/2009	<0.12	U		15			71			1.4		
		VMP 14-11.5-091010	9/10/2010	0.0087	J		20			62			1.1		
		VMP-14-11.5-120110	12/2/2010	0.029	J		2.8			92			1.6		
		VMP-14-11.5-120110-DUP	12/2/2010	0.0068	J		2.8			92			1.6		
		VMP-14-11.5-021711	2/17/2011	0.0073	J		0.15			93			3		
		VMP-14-11.5-021711-DUP	2/17/2011	0.039	J		0.16			93			2.8		
		VMP-14-11.5-040511	4/5/2011	0.028	J		0.0024			79			10		
		VMP-14-11.5-080811	8/8/2011	0.01	J		4.5			76			1.6		
		VMP-14-11.5-111511	11/15/2011	0.25			3.4			81			1.6		
		VMP-14-11.5-012612	1/26/2012	<0.088	U		4.5			88			3.3		
		VMP-14-11.5-042312	4/23/2012	0.11	J		0.0001	J		85			10		
		VMP-14-11.5-042312-Dup	4/23/2012	0.085	J		0.00011	J		84			12		
		VMP-14-11.5-072512	7/25/2012	0.032	J		2			82			1.4		
		VMP-14-11.5-101012	10/10/2012	<0.14	J	U	0.000072	J		74			19		
		VMP-14-11.5-013113	1/31/2013	0.042	J		<0.00026	U		80			20		
		VMP-14-11.5-050113	5/1/2013	<0.2	U		<0.0004	U		76			24		
	20 ft	VMP-14-20	11/16/2009	<0.12	U		18			60			1.3		
		VMP 14-20-091010	9/10/2010	<0.12	U		22			57			0.97		
		VMP 14-20-091010-Dup	9/10/2010	<0.12	U		22			57			1.1		
		VMP-14-20-120110	12/2/2010	0.0053	J		19			59			1.2		
		VMP-14-20-021811	2/18/2011	0.025	J		13			67			1.7		
		VMP-14-20-040511	4/5/2011	0.028	J		12			68			4		
		VMP-14-20-080811	8/8/2011	1.2			21			58			1.8		
		VMP-14-20-111511	11/15/2011	0.013	J		17			62			1.2		
		VMP-14-20-012612	1/26/2012	<0.088	U		12			68			1.4		
		VMP-14-20-042312	4/23/2012	0.0094	J		7.4			74			2.1		
		VMP-14-20-072512	7/25/2012	0.024	J		5.7			76			3		
		VMP-14-20-101612	10/16/2012	0.061	J		5.4			74			1.4		
		VMP-14-20-013113	1/31/2013	0.019	J		2.6			80			7.1		
		VMP-14-20-013113-DUP	1/31/2013	<0.12	U		2.6			80			7		
		VMP-14-20-050113	5/1/2013	0.044	J		0.041		J	79			20		
		VMP-14-20-050113-Dup	5/1/2013	0.05	J		0.094		J	78			20		
	29 ft	VMP-14-29	11/16/2009	<0.12	U		18			60			1		
		VMP-14-29-021811	2/18/2011	0.61			13			66			1.6		
		VMP-14-29-040511	4/5/2011	0.025	J		13			67			1.3		
		VMP-14-29-012612	1/26/2012	<0.082	U		12			68			1.3		
		VMP-14-29-042312	4/23/2012	0.0071	J		7.4			75			1.4		
		VMP-14-29-072512	7/25/2012	0.045	J		6.2			76			1.2		
		VMP-14-29-101612	10/16/2012	0.041	J		5.5			75			1.6		
		VMP-14-29-013113	1/31/2013	<0.12	U		5.5			76			1.5		
		VMP-14-29-050213	5/2/2013	<0.15	U		10			76			1.5		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-15	5 ft	VMP-15-5	11/18/2009	13			13			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-15-5-D	11/18/2009	13			13			<0.025	U		<0.0025	U		<0.0025	U	
		VMP 15-5-091410	9/14/2010	17			17			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-15-5-113010	11/30/2010	15			15			<0.024	U		0.00077	J		<0.0024	U	
		VMP-15-5-021611	2/16/2011	10			10			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-15-5-042011	4/20/2011	15			15			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-15-5-080811	8/8/2011	14			14			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-15-5-111511	11/15/2011	11			11			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-15-5-020112	2/1/2012	9.2			9.2			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-15-5-042412	4/24/2012	11			11			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-15-5-072512	7/25/2012	12			12			<0.02	U		<0.002	U		<0.002	U	
		VMP-15-5-102512	10/25/2012	8.5			8.5			<0.03	U		<0.003	U		<0.003	U	
		VMP-15-5-020513	2/5/2013	6.7			6.7			<0.14	U		<0.0029	U		<0.0029	U	
		VMP-15-5-050913	5/9/2013	4.1			4.1			<0.032	U		<0.0032	U		<0.0032	U	
	21.5 ft	VMP-15-21.5	11/18/2009	18			18			<0.023	U		0.012			<0.0023	U	
		VMP 15-21.5-091410	9/14/2010	17			17			<0.025	U		0.012			<0.0025	U	
		VMP-15-21.5-113010	11/30/2010	19			19			<0.024	U		0.0085			<0.0024	U	
		VMP-15-21.5-021611	2/16/2011	18			18			<0.027	U		0.0034			<0.0027	U	
		VMP-15-21.5-042011	4/20/2011	18			18			<0.028	U		0.0055			<0.0028	U	
		VMP-15-21.5-080811	8/8/2011	19			19			<0.028	U		0.013			<0.0028	U	
		VMP-15-21.5-111511	11/15/2011	16			16			<0.017	U		0.0021			<0.0017	U	
		VMP-15-21.5-020112	2/1/2012	15			15			<0.017	U		0.0013	J		<0.0017	U	
		VMP-15-21.5-042412	4/24/2012	17			17			<0.018	U		0.00051	J		<0.0018	U	
		VMP-15-21.5-072512	7/25/2012	16			16			<0.021	U		0.00076	J		<0.0021	U	
		VMP-15-21.5-102512	10/25/2012	16			16			<0.03	U		0.0006	J		<0.003	U	
		VMP-15-21.5-102512-Dup	10/25/2012	15			15			<0.031	U		0.00063	J		<0.0031	U	
		VMP-15-21.5-020713	2/7/2013	15			15			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-15-21.5-051513	5/15/2013	11			11			<0.03	U		0.0018	J		<0.003	U	
	25.5 ft	VMP-15-25.5	11/18/2009	17			17			<0.024	U		0.014			<0.0024	U	
		VMP 15-25.5-091410	9/14/2010	7.1			7.1			<0.067	U		<0.0067	U		<0.0067	U	
		VMP-15-25.5-021611	2/16/2011	7.6			7.6			<0.026	U		0.0004	J		<0.0026	U	
		VMP-15-25.5-042011	4/20/2011	3.9			3.9			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-15-25.5-042011-DUP	4/20/2011	3.7			3.7			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-15-25.5-080811	8/8/2011	15			15			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-15-25.5-111511	11/15/2011	5			5			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-15-25.5-073112	7/31/2012	7.1			7.1			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-15-25.5-102512	10/25/2012	3.2			3.2			<0.037	U		<0.0037	U		<0.0037	U	
		VMP-15-25.5-021213	2/12/2013	16			16			<0.13	U		0.00051	J		<0.0027	U	
		VMP-15-25.5-050913	5/9/2013	14			14			<0.03	U		0.0023	J		<0.003	U	
	29 ft	VMP-15-29	11/19/2009	17			17			<0.024	U		0.014			<0.0024	U	
		VMP-15-29-073112	7/31/2012	10			10			<0.02	U		0.00038	J		<0.002	U	
		VMP-15-29-102512	10/25/2012	3.4			3.4			<0.031	U		<0.0031	U		<0.0031	U	
		VMP-15-29-021213	2/12/2013	13			13			<0.13	U		0.00039	J		<0.0027	U	
		VMP-15-29-050913	5/9/2013	5.7			5.7			<0.03	U		0.00047	J		<0.003	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-15	5 ft	VMP-15-5	11/18/2009	<0.13	U		<0.00025	U		82			4.8		
		VMP-15-5-D	11/18/2009	<0.13	U		<0.00025	U		82			4.8		
		VMP 15-5-091410	9/14/2010	<0.13	J	U	0.00012	J		80			3		
		VMP-15-5-113010	11/30/2010	0.04	J		1.3			82			1.5		
		VMP-15-5-021611	2/16/2011	0.022	J		0.069			85			4.9		
		VMP-15-5-042011	4/20/2011	0.04	J		0.056			83			1.9		
		VMP-15-5-080811	8/8/2011	0.013	J		0.00011	J		78			7.6		
		VMP-15-5-111511	11/15/2011	0.0082	J		0.000091	J		82			6.6		
		VMP-15-5-020112	2/1/2012	<0.086	U		<0.00017	U		90			9.8		
		VMP-15-5-042412	4/24/2012	0.02	J		0.0036			82			6.6		
		VMP-15-5-072512	7/25/2012	<0.098	U		0.000068	J		78			10		
		VMP-15-5-102512	10/25/2012	<0.15	U		0.000053	J		82			10		
		VMP-15-5-020513	2/5/2013	<0.14	U		<0.00029	U		83			10		
		VMP-15-5-050913	5/9/2013	<0.16	U		0.00041			86			9.6		
	21.5 ft	VMP-15-21.5	11/18/2009	<0.11	U		19			60			1.2		
		VMP 15-21.5-091410	9/14/2010	1			13			66			2.3		
		VMP-15-21.5-113010	11/30/2010	0.22			11			68			1.3		
		VMP-15-21.5-021611	2/16/2011	0.0097	J		5.4			75			1.6		
		VMP-15-21.5-042011	4/20/2011	0.022	J		8.3			72			1.5		
		VMP-15-21.5-080811	8/8/2011	0.016	J		16			64			1.3		
		VMP-15-21.5-111511	11/15/2011	0.0053	J		3.9			78			1.6		
		VMP-15-21.5-020112	2/1/2012	<0.084	U		2.2			79			3.8		
		VMP-15-21.5-042412	4/24/2012	0.0094	J		1.1			80			1.7		
		VMP-15-21.5-072512	7/25/2012	0.011	J		1.6			81			1.5		
		VMP-15-21.5-102512	10/25/2012	<0.15	U		1.3			81			1.4		
		VMP-15-21.5-102512-Dup	10/25/2012	<0.16	U		1.4			82			1.6		
		VMP-15-21.5-020713	2/7/2013	0.14			0.044			83			1.8		
		VMP-15-21.5-051513	5/15/2013	0.022	J		3.8			83			2.4		
	25.5 ft	VMP-15-25.5	11/18/2009	<0.12	U		20			60			1.1		
		VMP 15-25.5-091410	9/14/2010	5.3			0.013			74			14		
		VMP-15-25.5-021611	2/16/2011	4.3			0.6			79			8.5		
		VMP-15-25.5-042011	4/20/2011	9.9			0.0012			71			15		
		VMP-15-25.5-042011-DUP	4/20/2011	9.5			0.0071			72			15		
		VMP-15-25.5-080811	8/8/2011	3.6			0.0036			75			5.9		
		VMP-15-25.5-111511	11/15/2011	4.1			0.012			78			13		
		VMP-15-25.5-073112	7/31/2012	0.036	J		0.051			81			12		
		VMP-15-25.5-102512	10/25/2012	0.62			0.0077			71	J		25	J	
		VMP-15-25.5-021213	2/12/2013	<0.13	U		0.87			81			1.6		
		VMP-15-25.5-050913	5/9/2013	0.067	J		4.4			80			1.5		
	29 ft	VMP-15-29	11/19/2009	<0.12	U		20			60			1.2		
		VMP-15-29-073112	7/31/2012	2.5			0.7			80			6.9		
		VMP-15-29-102512	10/25/2012	1.6			0.015			79			16		
		VMP-15-29-021213	2/12/2013	0.2			0.64			82			4.1		
		VMP-15-29-050913	5/9/2013	2			0.84			85			6.1		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-16	5 ft	VMP-16-5	11/20/2009	0.12			0.12			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-16-5-090210	9/2/2010	18			18			<0.024	U		0.0014	J		<0.0024	U	
		VMP-16-5-112910	11/29/2010	12			12			<0.022	U		0.0008	J		<0.0022	U	
		VMP-16-5-021511	2/15/2011	15			15			<0.026	U		0.00093	J		<0.0026	U	
		VMP-16-5-042211	4/22/2011	17			17			<0.026	U		0.001	J		<0.0026	U	
		VMP-16-5-080511	8/5/2011	13			13			<0.028	U		0.00012	J		<0.0028	U	
		VMP-16-5-042512	4/25/2012	17			17			<0.019	U		0.00065	J		<0.0019	U	
		VMP-16-5-073012	7/30/2012	20			20			<0.018	U		0.00023	J		<0.0018	U	
		VMP-16-5-102512	10/25/2012	11			11			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-16-5-021413	2/14/2013	4.1			4.1			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-16-5-042313	4/23/2013	10			10			<0.025	U		<0.0025	U		<0.0025	U	
	13.5 ft	VMP-16-13.5	11/19/2009	0.79			0.79			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-16-13.5-090210	9/2/2010	19			19			<0.025	U		0.0014	J		<0.0025	U	
		VMP-16-13.5-090210-DUP	9/2/2010	18			18			<0.025	U		0.0014	J		<0.0025	U	
		VMP-16-13.5-112910	11/29/2010	17			17			<0.022	U		0.0012	J		<0.0022	U	
		VMP-16-13.5-021611	2/16/2011	15			15			<0.027	U		0.00087	J		<0.0027	U	
		VMP-16-13.5-021611-DUP	2/16/2011	14			14			<0.026	U		0.00084	J		<0.0026	U	
		VMP-16-13.5-042211	4/22/2011	16			16			<0.028	U		0.00099	J		<0.0028	U	
		VMP-16-13.5-080511	8/5/2011	8.4		J	8.4		J	<0.028	U	UJ	<0.0028	U	UJ	<0.0028	U	UJ
		VMP-16-13.5-042512	4/25/2012	16			16			<0.018	U		0.001	J		<0.0018	U	
		VMP-16-13.5-073012	7/30/2012	18			18			<0.018	U		0.00063	J		<0.0018	U	
		VMP-16-13.5-102512	10/25/2012	16			16			<0.028	U		0.00051	J		<0.0028	U	
		VMP-16-13.5-021413	2/14/2013	13			13			<0.13	U		0.0003	J		<0.0027	U	
		VMP-16-13.5-042313	4/23/2013	14			14			<0.026	U		0.00056	J		<0.0026	U	
	19 ft	VMP-16-19	11/19/2009	2.2			2.2			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-16-19-090210	9/2/2010	19			19			<0.025	U		0.0014	J		<0.0025	U	
		VMP-16-19-112910	11/29/2010	17			17			<0.022	U		0.0012	J		<0.0022	U	
		VMP-16-19-021611	2/16/2011	14			14			<0.026	U		0.0009	J		<0.0026	U	
		VMP-16-19-042711	4/27/2011	16			16			<0.026	U		0.00071	J		<0.0026	U	
		VMP-16-19-042711-DUP	4/27/2011	15			15			<0.026	U		0.00071	J		<0.0026	U	
		VMP-16-19-042512	4/25/2012	16			16			<0.021	U		0.0011	J		<0.0021	U	
		VMP-16-19-073012	7/30/2012	14			14			<0.016	U		0.00086	J		<0.0016	U	
		VMP-16-19-102512	10/25/2012	16			16			<0.026	U		0.00096	J		<0.0026	U	
		VMP-16-19-021413	2/14/2013	14			14			<0.13	U		0.00076	J		<0.0026	U	
		VMP-16-19-042313	4/23/2013	15			15			<0.024	U		0.00054	J		<0.0024	U	
	31 ft	VMP-16-31	11/19/2009	4			4			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-16-31-D	11/19/2009	3.7			3.7			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-16-31-090310	9/3/2010	0.09			0.09			<0.061	U		<0.0061	U		<0.0061	U	
		VMP-16-31-112910	11/29/2010	17			17			<0.022	U		0.0012	J		<0.0022	U	
		VMP-16-31-042512	4/25/2012	16			16			<0.021	U		0.0011	J		<0.0021	U	
		VMP-16-31-073012	7/30/2012	15			15			<0.018	U		0.0011	J		<0.0018	U	
		VMP-16-31-102512	10/25/2012	16			16			<0.033	U		0.001	J		<0.0033	U	
		VMP-16-31-021813	2/18/2013	15			15			<0.16	U		0.00089	J		<0.0032	U	
		VMP-16-31-042313	4/23/2013	15			15			<0.025	U		0.00063	J		<0.0025	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-16	5 ft	VMP-16-5	11/20/2009	38			<0.00025	U		49			13		
		VMP-16-5-090210	9/2/2010	0.032	J		43			38			1		
		VMP-16-5-112910	11/29/2010	0.1	J		32			48			7.3		
		VMP-16-5-021511	2/15/2011	0.03	J		43			40			1		
		VMP-16-5-042211	4/22/2011	0.04	J		48			33			1.1		
		VMP-16-5-080511	8/5/2011	0.69			4.2			78			3.9		
		VMP-16-5-042512	4/25/2012	0.0089	J		24			57			1.1		
		VMP-16-5-073012	7/30/2012	<0.09	U		6.8			71			1.3		
		VMP-16-5-102512	10/25/2012	<0.14	U		1.1			82			5.5		
		VMP-16-5-021413	2/14/2013	0.26			0.0001	J		80			16		
		VMP-16-5-042313	4/23/2013	0.24			0.00038			77			13		
	13.5 ft	VMP-16-13.5	11/19/2009	24			0.1			58			17		
		VMP-16-13.5-090210	9/2/2010	<0.12	J	U	46			34			0.78		J
		VMP-16-13.5-090210-DUP	9/2/2010	<0.12	J	U	45			35			2		J
		VMP-16-13.5-112910	11/29/2010	0.011	J		50			31			0.84		
		VMP-16-13.5-021611	2/16/2011	0.013	J		37			46			1.1		
		VMP-16-13.5-021611-DUP	2/16/2011	0.039	J		36			49			1.1		
		VMP-16-13.5-042211	4/22/2011	0.064	J		48			33			0.93		
		VMP-16-13.5-080511	8/5/2011	6.4		J	1.1		J	74		J	9.6		J
		VMP-16-13.5-042512	4/25/2012	0.0078	J		46			36			1.4		
		VMP-16-13.5-073012	7/30/2012	<0.092	U		21			59			1.1		
		VMP-16-13.5-102512	10/25/2012	<0.14	U		16			68			1.3		
		VMP-16-13.5-021413	2/14/2013	<0.13	U		9.2			76			1.3		
		VMP-16-13.5-042313	4/23/2013	<0.13	U		20			64			1.5		
	19 ft	VMP-16-19	11/19/2009	14			3.9			65			15		
		VMP-16-19-090210	9/2/2010	<0.12	U		51			28			0.73		
		VMP-16-19-112910	11/29/2010	0.014	J		51			29			1.5		
		VMP-16-19-021611	2/16/2011	0.016	J		40			44			1.3		
		VMP-16-19-042711	4/27/2011	3.4			33			46			1.2		
		VMP-16-19-042711-DUP	4/27/2011	3.6			31			48			1.9		
		VMP-16-19-042512	4/25/2012	0.0079	J		50			32			0.87		
		VMP-16-19-073012	7/30/2012	<0.079	U		32			49			4		
		VMP-16-19-102512	10/25/2012	<0.13	U		32			51			1		
		VMP-16-19-021413	2/14/2013	<0.13	U		26			59			1.2		
		VMP-16-19-042313	4/23/2013	<0.12	U		23			60			1.2		
	31 ft	VMP-16-31	11/19/2009	8.7			12			66			9.2		
		VMP-16-31-D	11/19/2009	8.4			11			67			9.4		
		VMP-16-31-090310	9/3/2010	22			0.00046	J		62			16		
		VMP-16-31-112910	11/29/2010	0.034	J		51			29			1.2		
		VMP-16-31-042512	4/25/2012	0.0098	J		51			31			0.94		
		VMP-16-31-073012	7/30/2012	0.011	J		42			41			0.94		
		VMP-16-31-102512	10/25/2012	<0.16	U		36			47			1.1		
		VMP-16-31-021813	2/18/2013	<0.16	U		30			54			0.97		
		VMP-16-31-042313	4/23/2013	<0.13	U		26			56			1.5		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-17	5 ft	VMP-17-5	6/21/2010	6.7			6.7			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-17-5-DUP	6/21/2010	6.8			6.8			<0.03	U		<0.003	U		<0.003	U	
		VMP-17-5-090110	9/1/2010	7.8			7.8			<0.054	U		<0.0054	U		<0.0054	U	
		VMP-17-5-112210	11/22/2010	5			5			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-17-5-020711	2/7/2011	2			2			<0.051	U		<0.0051	U		<0.0051	U	
		VMP-17-5-040611	4/6/2011	3.2			3.2			<0.03	U		<0.003	U		<0.003	U	
		VMP-17-5-080111	8/1/2011	6.2			6.2			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-17-5-110711	11/7/2011	3.4			3.4			<0.022	U		<0.0022	U		<0.0022	U	
		VMP-17-5-012612	1/26/2012	2.8			2.8			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-17-5-041112	4/11/2012	1.1			1.1			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-17-5-071112	7/11/2012	0.69			0.69			<0.02	U		<0.002	U		<0.002	U	
		VMP-17-5-100912	10/9/2012	0.37			0.37			<0.03	U		<0.003	U		<0.003	U	
		VMP-17-5-013113	1/31/2013	0.12			0.12			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-17-5-013113-DUP	1/31/2013	0.11			0.11			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-17-5-050113	5/1/2013	0.53			0.53			<0.029	U		<0.0029	U		<0.0029	U	
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010	7.7			7.7			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-18-8.5-090710	9/7/2010	9.3			9.3			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-18-8.5-111910	11/19/2010	8.2			8.2			<0.022	U		<0.0022	U		<0.0022	U	
		VMP-18-8.5-020711	2/7/2011	5.6			5.6			<0.047	U		<0.0047	U		<0.0047	U	
		VMP-18-8.5-020711-DUP	2/7/2011	5.8			5.8			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-18-8.5-040711	4/7/2011	6.4			6.4			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-18-8.5-072811	7/28/2011	8.2			8.2			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-18-8.5-110711	11/7/2011	7			7			<0.031	U		<0.0031	U		<0.0031	U	
		VMP-18-8.5-012312	1/23/2012	5.1			5.1			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-18-8.5-041012	4/10/2012	4.9			4.9			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-18-8.5-071212	7/12/2012	3.9			3.9			<0.02	U		<0.002	U		<0.002	U	
		VMP-18-8.5-100912	10/9/2012	4.1			4.1			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-18-8.5-012313	1/23/2013	1.5			1.5			<0.14	U		<0.0029	U		<0.0029	U	
		VMP-18-8.5-050113	5/1/2013	0.92			0.92			<0.031	U		<0.0031	U		<0.0031	U	
VMP-19	5 ft	VMP-19-5	6/18/2010	8.7			8.7			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-19-5-090110	9/1/2010	10			10			<0.053	U		<0.0053	U		<0.0053	U	
		VMP-19-5-111510	11/15/2010	8.5			8.5			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-19-5-020411	2/4/2011	5.8			5.8			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-19-5-040711	4/7/2011	5.8			5.8			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-19-5-080911	8/9/2011	9.1			9.1			<0.03	U		<0.003	U		<0.003	U	
		VMP-19-5-080911-DUP	8/9/2011	8.7			8.7			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-19-5-110811	11/8/2011	5.5			5.5			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-19-5-012612	1/26/2012	4.6			4.6			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-19-5-041012	4/10/2012	1.6			1.6			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-19-5-071112	7/11/2012	1.2			1.2			<0.022	U		<0.0022	U		<0.0022	U	
		VMP-19-5-100912	10/9/2012	0.51			0.51			<0.03	U		<0.003	U		<0.003	U	
		VMP-19-5-013113	1/31/2013	0.15			0.15			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-19-5-043013	4/30/2013	0.28			0.28			<0.032	U		<0.0032	U		<0.0032	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-17	5 ft	VMP-17-5	6/21/2010	<0.14	U		0.00014	J		81			12		
		VMP-17-5-DUP	6/21/2010	<0.15	U		0.00018	J		81			12		
		VMP-17-5-090110	9/1/2010	0.089	J		<0.00054	J	U	80			12		
		VMP-17-5-112210	11/22/2010	0.011	J		<0.00027	U		79			16		
		VMP-17-5-020711	2/7/2011	<0.25	U		0.00017	J		73			25		
		VMP-17-5-040611	4/6/2011	0.02	J		<0.0003	U		79			18		
		VMP-17-5-080111	8/1/2011	0.012	J		0.0018			81			13		
		VMP-17-5-110711	11/7/2011	0.0044	J		0.000024	J		78			18		
		VMP-17-5-012612	1/26/2012	<0.09	U		<0.00018	U		79			18		
		VMP-17-5-041112	4/11/2012	0.02	J		0.000064	J		79			20		
		VMP-17-5-071112	7/11/2012	0.044	J		0.000051	J		79			20		
		VMP-17-5-100912	10/9/2012	0.089			0.00003	J		80			20		
		VMP-17-5-013113	1/31/2013	0.026	J		0.00018	J		79			21		
		VMP-17-5-013113-DUP	1/31/2013	0.044	J		0.00035			80			20		
		VMP-17-5-050113	5/1/2013	<0.14	U		0.00011	J		79			20		
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010	<0.14	U		0.000026	J		81			11		
		VMP-18-8.5-090710	9/7/2010	0.021	J		0.00011	J		80			11		
		VMP-18-8.5-111910	11/19/2010	0.015	J		0.000054	J		80			12		
		VMP-18-8.5-020711	2/7/2011	<0.23	U		<0.00047	U		79			15		
		VMP-18-8.5-020711-DUP	2/7/2011	0.029	J		<0.00023	U		80			14		
		VMP-18-8.5-040711	4/7/2011	0.037	J		0.000047	J		80			14		
		VMP-18-8.5-072811	7/28/2011	0.21			<0.00028	U		80			12		
		VMP-18-8.5-110711	11/7/2011	0.088	J		0.0012			76			17		
		VMP-18-8.5-012312	1/23/2012	0.01	J		0.000022	J		78			17		
		VMP-18-8.5-041012	4/10/2012	0.039	J		0.000043	J		78			17		
		VMP-18-8.5-071212	7/12/2012	0.025	J		0.000083	J		77			19		
		VMP-18-8.5-100912	10/9/2012	<0.044		U	0.000084	J		77			19		
		VMP-18-8.5-012313	1/23/2013	<0.14	U		0.000023	J		78			21		
		VMP-18-8.5-050113	5/1/2013	<0.15	U		<0.00031	U		79			20		
VMP-19	5 ft	VMP-19-5	6/18/2010	0.03			<0.00027	U		79			12		
		VMP-19-5-090110	9/1/2010	0.049	J		0.00099			81			9.1		
		VMP-19-5-111510	11/15/2010	<0.14	U		<0.00028	U		80			12		
		VMP-19-5-020411	2/4/2011	0.018	J		0.00014	J		79			15		
		VMP-19-5-040711	4/7/2011	0.047	J		<0.00027	U		78			16		
		VMP-19-5-080911	8/9/2011	0.012	J		<0.0003	U		80			11		
		VMP-19-5-080911-DUP	8/9/2011	0.01	J		<0.00028	U		80			11		
		VMP-19-5-110811	11/8/2011	<0.13	U		0.000045	J		78			16		
		VMP-19-5-012612	1/26/2012	0.008	J		0.000058	J		78			17		
		VMP-19-5-041012	4/10/2012	0.058	J		0.000046	J		78			20		
		VMP-19-5-071112	7/11/2012	0.17			0.000071	J		79			20		
		VMP-19-5-100912	10/9/2012	<0.04		U	0.000068	J		79			20		
		VMP-19-5-013113	1/31/2013	<0.13	U		0.00042			79			21		
		VMP-19-5-043013	4/30/2013	<0.16	U		<0.00032	U		80			20		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-20	5 ft	VMP-20-5-031411	3/14/2011	9.3			9.3			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-20-5-041511	4/15/2011	6.9			6.9			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-20-5-072511	7/25/2011	14			14			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-20-5-110111	11/1/2011	7.6			7.6			<0.016	U		<0.0016	U		<0.0016	U	
		VMP-20-5-012312	1/23/2012	4.4			4.4			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-20-5-041012	4/10/2012	5.1			5.1			<0.022	U		<0.0022	U		<0.0022	U	
		VMP-20-5-071112	7/11/2012	8.8			8.8			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-20-5-073112	7/31/2012	12			12			<0.02	U		<0.002	U		<0.002	U	
		VMP-20-5-100412	10/4/2012	6			6			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-20-5-020713	2/7/2013	3.8			3.8			<0.12	U		<0.0025	U		<0.0025	U	
		VMP-20-5-041913	4/19/2013	3.4			3.4			<0.025	U		<0.0025	U		<0.0025	U	
	10 ft	VMP-20-10-031411	3/14/2011	6.8			6.8			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-20-10-041511	4/15/2011	7.3			7.3			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-20-10-072511	7/25/2011	8.1			8.1			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-20-10-110111	11/1/2011	8.3			8.3			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-20-10-012312	1/23/2012	5.7			5.7			<0.016	U		<0.0016	U		<0.0016	U	
		VMP-20-10-041012	4/10/2012	5.9			5.9			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-20-10-071112	7/11/2012	8.5			8.5			<0.02	U		<0.002	U		<0.002	U	
		VMP-20-10-100412	10/4/2012	8.3			8.3			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-20-10-012213	1/22/2013	3.2			3.2			<0.12	U		<0.0025	U		<0.0025	U	
		VMP-20-10-041913	4/19/2013	3.8			3.8			<0.026	U		<0.0026	U		<0.0026	U	
	25 ft	VMP-20-25-031411	3/14/2011	9.4			9.4			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-20-25-041511	4/15/2011	9.8			9.8			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-20-25-072611	7/26/2011	8.5			8.5			<0.026	U		0.00011	J		<0.0026	U	
		VMP-20-25-110511	11/5/2011	9.1			9.1			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-20-25-012312	1/23/2012	7.7			7.7			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-20-25-041012	4/10/2012	7.5			7.5			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-20-25-041012-Dup	4/10/2012	7.6			7.6			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-20-25-071112	7/11/2012	7.1			7.1			<0.02	U		<0.002	U		<0.002	U	
		VMP-20-25-100412	10/4/2012	7			7			<0.03	U		<0.003	U		<0.003	U	
		VMP-20-25-012213	1/22/2013	6.2			6.2			<0.12	U		<0.0025	U		<0.0025	U	
		VMP-20-25-041913	4/19/2013	4.1			4.1			<0.027	U		<0.0027	U		<0.0027	U	
	39.5 ft	VMP-20-39.5-100412	10/4/2012	9.6			9.6			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-20-39.5-012313	1/23/2013	9.9			9.9			<0.12	U		<0.0025	U		<0.0025	U	
		VMP-20-39.5-041913	4/19/2013	11			11			<0.026	U		<0.0026	U		<0.0026	U	
	5 ft	VMP-21-5-020911	2/9/2011	5.2			5.2			<0.023	U		0.00039	J		<0.0023	U	
		VMP-21-5-020911-DUP	2/9/2011	5.3			5.3			<0.024	U		0.00045	J		<0.0024	U	
		VMP-21-5-041311	4/13/2011	2			2			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-21-5-072511	7/25/2011	14			14			<0.07	U		<0.007	U		<0.007	U	
		VMP-21-5-110111	11/1/2011	4.1			4.1			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-21-5-012312	1/23/2012	1.4			1.4			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-21-5-012312-DUP	1/23/2012	1.4			1.4			<0.016	U		<0.0016	U		<0.0016	U	
		VMP-21-5-042412	4/24/2012	3.4			3.4			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-21-5-071012	7/10/2012	8.2			8.2			<0.021	U		<0.0021	U		<0.0021	U	
		VMP-21-5-100412	10/4/2012	4.1			4.1			<0.031	U		<0.0031	U		<0.0031	U	
		VMP-21-5-020613	2/6/2013	0.92			0.92			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-21-5-051013	5/10/2013	1.9			1.9			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-21-5-051013	5/10/2013	7.6			7.6			<0.028	U		<0.0028	U		<0.0028	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-20	5 ft	VMP-20-5-031411	3/14/2011	0.012	J		0.00017	J		83			7.9		
		VMP-20-5-041511	4/15/2011	0.045	J		0.0014			83			9.7		
		VMP-20-5-072511	7/25/2011	0.021	J		0.000058	J		78			7.7		
		VMP-20-5-110111	11/1/2011	0.033	J		0.000032	J		78			14		
		VMP-20-5-012312	1/23/2012	0.0064	J		0.0001	J		78			18		
		VMP-20-5-041012	4/10/2012	0.32			0.000079	J		80			15		
		VMP-20-5-071112	7/11/2012	7.1			0.000067	J		72			12		
		VMP-20-5-073112	7/31/2012	0.014	J		0.000043	J		76			12		
		VMP-20-5-100412	10/4/2012	0.063	J		0.000051	J		79			15		
		VMP-20-5-020713	2/7/2013	<0.12	U		0.000078	J		78			18		
		VMP-20-5-041913	4/19/2013	1.4			<0.00025	U		77			18		
	10 ft	VMP-20-10-031411	3/14/2011	<0.12	U		0.000065	J		83			10		
		VMP-20-10-041511	4/15/2011	0.039	J		0.0001	J		83			9.3		
		VMP-20-10-072511	7/25/2011	0.01	J		0.00021	J		84			7.8		
		VMP-20-10-110111	11/1/2011	0.025	J		0.000063	J		80			12		
		VMP-20-10-012312	1/23/2012	0.097			0.000051	J		79			15		
		VMP-20-10-041012	4/10/2012	0.075	J		0.000032	J		81			13		
		VMP-20-10-071112	7/11/2012	0.034	J		0.000028	J		78			13		
		VMP-20-10-100412	10/4/2012	0.055	J		0.000037	J		79			13		
		VMP-20-10-012213	1/22/2013	<0.12	U		0.000027	J		77			20		
		VMP-20-10-041913	4/19/2013	0.19			<0.00026	U		78			18		
	25 ft	VMP-20-25-031411	3/14/2011	0.0059	J		<0.00024	U		87			3.2		
		VMP-20-25-041511	4/15/2011	0.042	J		<0.00028	U		88			2.6		
		VMP-20-25-072611	7/26/2011	0.01	J		0.23			89			1.8		
		VMP-20-25-110511	11/5/2011	0.0033	J		<0.00017	U		88			2.9		
		VMP-20-25-012312	1/23/2012	<0.084	U		0.00002	J		84			8.1		
		VMP-20-25-041012	4/10/2012	0.044	J		<0.00023	U		84			8.7		
		VMP-20-25-041012-Dup	4/10/2012	0.042	J		<0.00024	U		84			8.6		
		VMP-20-25-071112	7/11/2012	0.052	J		<0.0002	U		82			11		
		VMP-20-25-100412	10/4/2012	0.056	J		<0.0003	U		80			13		
		VMP-20-25-012213	1/22/2013	<0.12	U		0.000016	J		78			16		
		VMP-20-25-041913	4/19/2013	0.076	J		<0.00027	U		78			18		
	39.5 ft	VMP-20-39.5-100412	10/4/2012	0.084	J		0.12			89			1.4		
		VMP-20-39.5-012313	1/23/2013	<0.12	U		0.023			88			1.5		
		VMP-20-39.5-041913	4/19/2013	<0.13	U		0.014			87			2.3		
	5 ft	VMP-21-5-020911	2/9/2011	0.01	J		0.91			84			9.2		
		VMP-21-5-020911-DUP	2/9/2011	<0.12	U		0.91			84			9.2		
		VMP-21-5-041311	4/13/2011	0.16			0.00056			81			17		
		VMP-21-5-072511	7/25/2011	0.018	J		0.00029	J		76			10		
		VMP-21-5-110111	11/1/2011	0.1			0.000034	J		79			17		
		VMP-21-5-012312	1/23/2012	<0.088	U		0.000039	J		78			21		
		VMP-21-5-012312-DUP	1/23/2012	<0.08	U		0.000033	J		78			21		
		VMP-21-5-042412	4/24/2012	0.033	J		0.00045			80			17		
		VMP-21-5-071012	7/10/2012	0.051	J		0.00011	J		78			14		
		VMP-21-5-100412	10/4/2012	0.014	J		0.000039	J		79			17		
		VMP-21-5-020613	2/6/2013	0.035	J		0.000023	J		79			20		
		VMP-21-5-051013	5/10/2013	0.087	J		<0.00029	U		81			17		
		VMP-21-5-051013	5/10/2013	0.086	J		<0.00028	U		80			12		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-21	10 ft	VMP-21-10-021011	2/10/2011	6.4			6.4			<0.025	U		0.00019	J		<0.0025	U	
		VMP-21-10-041311	4/13/2011	7.2			7.2			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-21-10-072511	7/25/2011	6			6			<0.12	U		<0.012	U		<0.012	U	
		VMP-21-10-110111	11/1/2011	7.2			7.2			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-21-10-012312	1/23/2012	4.7			4.7			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-21-10-040912	4/9/2012	2.7			2.7			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-21-10-071012	7/10/2012	6.4			6.4			<0.02	U		<0.002	U		<0.002	U	
		VMP-21-10-100412	10/4/2012	6.6			6.6			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-21-10-020513	2/5/2013	3.4			3.4			<0.13	U		<0.0027	U		<0.0027	U	
		VMP-21-10-020513-DUP	2/5/2013	3.5			3.5			<0.13	U		<0.0025	U		<0.0025	U	
		VMP-21-10-051013	5/10/2013	3.3			3.3			<0.029	U		<0.0029	U		<0.0029	U	
	25 ft	VMP-21-25-021011	2/10/2011	6.4			6.4			<0.023	U		0.0017	J		<0.0023	U	
		VMP-21-25-041411	4/14/2011	6.1			6.1			<0.026	U		0.0018	J		<0.0026	U	
		VMP-21-25-041411-DUP	4/14/2011	6.1			6.1			<0.026	U		0.0018	J		<0.0026	U	
		VMP-21-25-072611	7/26/2011	5.6			5.6			<0.026	U		0.00088	J		<0.0026	U	
		VMP-21-25-110511	11/5/2011	9.1			9.1			<0.017	U		0.000086	J		<0.0017	U	
		VMP-21-25-012412	1/24/2012	12			12			<0.016	U		<0.0016	U		<0.0016	U	
		VMP-21-25-040912	4/9/2012	12			12			<0.03	U		<0.003	U		<0.003	U	
		VMP-21-25-071112	7/11/2012	10			10			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-21-25-100412	10/4/2012	8.9			8.9			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-21-25-020513	2/5/2013	8.7			8.7			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-21-25-020513-DUP	2/5/2013	8.8			8.8			<0.13	U		<0.0027	U		<0.0027	U	
		VMP-21-25-051013	5/10/2013	6.2			6.2			<0.03	U		<0.003	U		<0.003	U	
	33 ft	VMP-21-33-021011	2/10/2011	5.8			5.8			<0.023	U		0.0015	J		<0.0023	U	
		VMP-21-33-041411	4/14/2011	6			6			<0.027	U		0.0018	J		<0.0027	U	
		VMP-21-33-110511	11/5/2011	7			7			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-21-33-012412	1/24/2012	11			11			<0.016	U		<0.0016	U		<0.0016	U	
		VMP-21-33-042412	4/24/2012	12			12			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-21-33-071112	7/11/2012	12			12			<0.02	U		<0.002	U		<0.002	U	
		VMP-21-33-100412	10/4/2012	10			10			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-21-33-020513	2/5/2013	10			10			<0.13	U		<0.0026	U		<0.0026	U	
	5 ft	VMP-22-5-021111	2/11/2011	8.4			8.4			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-22-5-041811	4/18/2011	7.1			7.1			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-22-5-072611	7/26/2011	7.4			7.4			<0.055	U		<0.0055	U		<0.0055	U	
		VMP-22-5-110111	11/1/2011	2.6			2.6			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-22-5-012412	1/24/2012	0.7			0.7			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-22-5-040912	4/9/2012	0.81			0.81			<0.032	U		<0.0032	U		<0.0032	U	
		VMP-22-5-070912	7/9/2012	3			3			<0.022	U		<0.0022	U		<0.0022	U	
		VMP-22-5-100312	10/3/2012	1			1			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-22-5-100312-Dup	10/3/2012	0.9			0.9			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-22-5-012413	1/24/2013	0.38			0.38			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-22-5-041913	4/19/2013	0.3			0.3			<0.025	U		<0.0025	U		<0.0025	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-21	10 ft	VMP-21-10-021011	2/10/2011	0.3			0.41			83			9.7		
		VMP-21-10-041311	4/13/2011	0.021	J		0.00032			83			9.6		
		VMP-21-10-072511	7/25/2011	<0.59	U		0.00021	J		68			26		
		VMP-21-10-110111	11/1/2011	0.023	J		0.000031	J		79			14		
		VMP-21-10-012312	1/23/2012	<0.088	U		0.000031	J		78			17		
		VMP-21-10-040912	4/9/2012	0.034	J		0.000029	J		85			12		
		VMP-21-10-071012	7/10/2012	0.13			0.000029	J		79			14		
		VMP-21-10-100412	10/4/2012	0.017	J		0.000019	J		79			14		
		VMP-21-10-020513	2/5/2013	<0.13	U		0.000019	J		79			18		
		VMP-21-10-020513-DUP	2/5/2013	<0.13	U		0.000023	J		78			18		
		VMP-21-10-051013	5/10/2013	<0.14	U		<0.00029	U		80			17		
	25 ft	VMP-21-25-021011	2/10/2011	0.0092	J		3.6			87			1.5		
		VMP-21-25-041411	4/14/2011	0.023	J		3.9			86			1.7		
		VMP-21-25-041411-DUP	4/14/2011	0.063	J		3.9			86			1.9		
		VMP-21-25-072611	7/26/2011	0.22			2.3			89			1.7		
		VMP-21-25-110511	11/5/2011	0.0034	J		0.24			89			2		
		VMP-21-25-012412	1/24/2012	0.081			0.0098			86			2.2		
		VMP-21-25-040912	4/9/2012	0.076	J		0.00044			85			2.9		
		VMP-21-25-071112	7/11/2012	0.037	J		0.000086	J		84			6.4		
		VMP-21-25-100412	10/4/2012	0.037	J		0.000058	J		81			10		
		VMP-21-25-020513	2/5/2013	0.02	J		0.000043	J		80			11		
		VMP-21-25-020513-DUP	2/5/2013	0.058			0.000036	J		80			11		
		VMP-21-25-051013	5/10/2013	<0.15	U		<0.0003	U		80			14		
	33 ft	VMP-21-33-021011	2/10/2011	0.15			3.7			86			1.9		
		VMP-21-33-041411	4/14/2011	0.026	J		4			86			1.6		
		VMP-21-33-110511	11/5/2011	0.003	J		0.2			91			1.9		
		VMP-21-33-012412	1/24/2012	<0.082	U		0.046			86			2.5		
		VMP-21-33-042412	4/24/2012	<0.14	U		0.0017			85			2.6		
		VMP-21-33-071112	7/11/2012	0.056	J		0.00016	J		85			2.6		
		VMP-21-33-100412	10/4/2012	0.019	J		0.000088	J		83			7		
		VMP-21-33-020513	2/5/2013	<0.13	U		0.000073	J		81			9.1		
	5 ft	VMP-22-5-021111	2/11/2011	0.06	J		0.0078			84			8		
		VMP-22-5-041811	4/18/2011	0.092	J		<0.00025	U		83			9.9		
		VMP-22-5-072611	7/26/2011	0.015	J		<0.00055	U		80			12		
		VMP-22-5-110111	11/1/2011	0.013	J		0.00004	J		79			18		
		VMP-22-5-012412	1/24/2012	<0.084	U		0.000062	J		79			20		
		VMP-22-5-040912	4/9/2012	0.077	J		0.000038	J		80			19		
		VMP-22-5-070912	7/9/2012	0.14			0.00011	J		78			19		
		VMP-22-5-100312	10/3/2012	1.5			0.000072	J		78			19		
		VMP-22-5-100312-Dup	10/3/2012	0.45			0.000098	J		79			20		
		VMP-22-5-012413	1/24/2013	<0.13	U		0.000048	J		79			21		
		VMP-22-5-041913	4/19/2013	<0.13	U		<0.00025	U		79			21		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-22	10 ft	VMP-22-10-021111	2/11/2011	10			10			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-22-10-041811	4/18/2011	8.9			8.9			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-22-10-072611	7/26/2011	10			10			<0.03	U		<0.003	U		<0.003	U	
		VMP-22-10-072611-DUP	7/26/2011	10			10			<0.036	U		<0.0036	U		<0.0036	U	
		VMP-22-10-110211	11/2/2011	5.3			5.3			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-22-10-012412	1/24/2012	2.2			2.2			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-22-10-040912	4/9/2012	1.2			1.2			<0.033	U		<0.0033	U		<0.0033	U	
		VMP-22-10-070912	7/9/2012	3.4			3.4			<0.022	U		<0.0022	U		<0.0022	U	
		VMP-22-10-070912-Dup	7/9/2012	3.5			3.5			<0.021	U		<0.0021	U		<0.0021	U	
		VMP-22-10-100312	10/3/2012	1.5			1.5			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-22-10-012413	1/24/2013	0.68			0.68			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-22-10-041913	4/19/2013	0.38			0.38			<0.027	U		<0.0027	U		<0.0027	U	
	18 ft	VMP-22-18-021111	2/11/2011	11			11			<0.026	U		0.0008	J		<0.0026	U	
		VMP-22-18-041811	4/18/2011	11			11			<0.027	U		0.0007	J		<0.0027	U	
		VMP-22-18-072611	7/26/2011	10			10			<0.056	U		0.00046	J		<0.0056	U	
		VMP-22-18-110511	11/5/2011	14			14			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-22-18-012412	1/24/2012	10			10			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-22-18-040912	4/9/2012	5.3			5.3			<0.048	U		<0.0048	U		<0.0048	U	
		VMP-22-18-070912	7/9/2012	5			5			<0.021	U		<0.0021	U		<0.0021	U	
		VMP-22-18-100412	10/4/2012	2.9			2.9			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-22-18-012413	1/24/2013	2.2			2.2			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-22-18-042213	4/22/2013	1.2			1.2			<0.029	U		<0.0029	U		<0.0029	U	
	38 ft	VMP-22-38-041811	4/18/2011	11			11			<0.028	U		0.0011	J		<0.0028	U	
		VMP-22-38-012512	1/25/2012	15			15			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-22-38-040912	4/9/2012	10			10			<0.03	U		<0.003	U		<0.003	U	
		VMP-22-38-070912	7/9/2012	6.7			6.7			<0.021	U		<0.0021	U		<0.0021	U	
		VMP-22-38-100412	10/4/2012	5.5			5.5			<0.03	U		<0.003	U		<0.003	U	
		VMP-22-38-012413	1/24/2013	5.1			5.1			<0.13	U		<0.0027	U		<0.0027	U	
		VMP-22-38-042213	4/22/2013	3.6			3.6			<0.029	U		<0.0029	U		<0.0029	U	
	5 ft	VMP-23-5-021511	2/15/2011	1.8			1.8			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-23-5-042111	4/21/2011	4.2			4.2			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-23-5-072711	7/27/2011	7.7			7.7			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-23-5-110211	11/2/2011	2.6			2.6			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-23-5-012512	1/25/2012	1.9			1.9			<0.016	U		<0.0016	U		<0.0016	U	
		VMP-23-5-040912	4/9/2012	0.76			0.76			<0.031	U		<0.0031	U		<0.0031	U	
		VMP-23-5-070912	7/9/2012	1.5			1.5			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-23-5-100312	10/3/2012	0.6			0.6			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-23-5-012413	1/24/2013	0.2			0.2			<0.12	U		<0.0025	U		<0.0025	U	
		VMP-23-5-042213	4/22/2013	0.34			0.34			<0.027	U		<0.0027	U		<0.0027	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-22	10 ft	VMP-22-10-021111	2/11/2011	0.031	J		0.0034			84			5.5		
		VMP-22-10-041811	4/18/2011	0.044	J		<0.00026	U		82			9.3		
		VMP-22-10-072611	7/26/2011	<0.15	U		0.00016	J		85			4.9		
		VMP-22-10-072611-DUP	7/26/2011	<0.18	U		0.00015	J		85			5		
		VMP-22-10-110211	11/2/2011	0.015	J		<0.00017	U		79			16		
		VMP-22-10-012412	1/24/2012	0.0065	J		0.000016	J		77			21		
		VMP-22-10-040912	4/9/2012	0.1	J		0.000046	J		78			20		
		VMP-22-10-070912	7/9/2012	0.044	J		0.000027	J		78			18		
		VMP-22-10-070912-Dup	7/9/2012	0.043	J		0.000029	J		78			18		
		VMP-22-10-100312	10/3/2012	0.047	J		0.000044	J		80			19		
		VMP-22-10-012413	1/24/2013	<0.14	U		0.000022	J		79			20		
		VMP-22-10-041913	4/19/2013	0.019	J		<0.00027	U		79			21		
	18 ft	VMP-22-18-021111	2/11/2011	0.014	J		1.5			85			1.7		
		VMP-22-18-041811	4/18/2011	0.027	J		1.5			86			1.6		
		VMP-22-18-072611	7/26/2011	0.019	J		0.9			84			5.3		
		VMP-22-18-110511	11/5/2011	0.019	J		0.000043	J		84			2.4		
		VMP-22-18-012412	1/24/2012	<0.084	U		0.000023	J		80			9.7		
		VMP-22-18-040912	4/9/2012	0.14	J		<0.00048	U		81			14		
		VMP-22-18-070912	7/9/2012	0.092	J		0.000019	J		78			17		
		VMP-22-18-100412	10/4/2012	0.029	J		0.000018	J		78			19		
		VMP-22-18-012413	1/24/2013	<0.14	U		<0.00028	U		78			20		
		VMP-22-18-042213	4/22/2013	<0.14	U		<0.00029	U		79			20		
	38 ft	VMP-22-38-041811	4/18/2011	0.023	J		2.1			84			1.9		
		VMP-22-38-012512	1/25/2012	<0.084	U		0.0076			83			1.8		
		VMP-22-38-040912	4/9/2012	0.086	J		0.00012	J		80			10		
		VMP-22-38-070912	7/9/2012	0.077	J		0.000019	J		78			15		
		VMP-22-38-100412	10/4/2012	0.063	J		0.000021	J		78			16		
		VMP-22-38-012413	1/24/2013	<0.13	U		0.00012	J		77			18		
		VMP-22-38-042213	4/22/2013	0.012	J		<0.00029	U		77			19		
	5 ft	VMP-23-5-021511	2/15/2011	0.1	J		0.00015	J		79			19		
		VMP-23-5-042111	4/21/2011	0.063	J		0.000072	J		79			17		
		VMP-23-5-072711	7/27/2011	0.018	J		0.00018	J		82			10		
		VMP-23-5-110211	11/2/2011	0.12			0.000057	J		79			18		
		VMP-23-5-012512	1/25/2012	0.0075	J		0.00011	J		78			20		
		VMP-23-5-040912	4/9/2012	<0.15	U		0.00015	J		79			20		
		VMP-23-5-070912	7/9/2012	0.14			0.00028			78			20		
		VMP-23-5-100312	10/3/2012	0.053	J		0.000088	J		80			19		
		VMP-23-5-012413	1/24/2013	<0.12	U		0.00017	J		79			21		
		VMP-23-5-042213	4/22/2013	<0.14	U		0.00011	J		79			21		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011	8.1			8.1			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-23-10-042111	4/21/2011	6.2			6.2			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-23-10-072711	7/27/2011	9.4			9.4			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-23-10-110211	11/2/2011	7.5			7.5			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-23-10-012512	1/25/2012	4.4			4.4			<0.016	U		<0.0016	U		<0.0016	U	
		VMP-23-10-040912	4/9/2012	0.83			0.83			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-23-10-040912-Dup	4/9/2012	0.96			0.96			<0.032	U		<0.0032	U		<0.0032	U	
		VMP-23-10-070912	7/9/2012	1.6			1.6			<0.016	U		<0.0016	U		<0.0016	U	
		VMP-23-10-100312	10/3/2012	0.8			0.8			<0.031	U		<0.0031	U		<0.0031	U	
		VMP-23-10-012413	1/24/2013	0.34			0.34			<0.12	U		<0.0025	U		<0.0025	U	
		VMP-23-10-042213	4/22/2013	0.36			0.36			<0.026	U		<0.0026	U		<0.0026	U	
	25 ft	VMP-23-25-021511	2/15/2011	14			14			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-23-25-042111	4/21/2011	13			13			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-23-25-072711	7/27/2011	12			12			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-23-25-110511	11/5/2011	11			11			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-23-25-012512	1/25/2012	12			12			<0.016	U		<0.0016	U		<0.0016	U	
		VMP-23-25-040912	4/9/2012	5			5			<0.031	U		<0.0031	U		<0.0031	U	
		VMP-23-25-071012	7/10/2012	4.4			4.4			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-23-25-100312	10/3/2012	3.6			3.6			<0.03	U		<0.003	U		<0.003	U	
		VMP-23-25-012413	1/24/2013	3.2			3.2			<0.13	U		<0.0025	U		<0.0025	U	
		VMP-23-25-042213	4/22/2013	1.6			1.6			<0.028	U		<0.0028	U		<0.0028	U	
	40 ft	VMP-23-40-071012	7/10/2012	0.041			0.041			<0.021	U		<0.0021	U		<0.0021	U	
		VMP-23-40-100312	10/3/2012	5.6			5.6			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-23-40-012413	1/24/2013	5.2			5.2			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-23-40-042213	4/22/2013	4.6			4.6			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-23-40-042213-Dup	4/22/2013	4.7			4.7			<0.028	U		<0.0028	U		<0.0028	U	
	5 ft	VMP-24-5-021611	2/16/2011	6.5			6.5			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-24-5-040811	4/8/2011	4.7			4.7			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-24-5-072811	7/28/2011	6.6			6.6			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-24-5-110211	11/2/2011	8.2			8.2			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-24-5-110211-DUP	11/2/2011	8.2			8.2			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-24-5-012512	1/25/2012	3.5			3.5			<0.016	U		<0.0016	U		<0.0016	U	
		VMP-24-5-040912	4/9/2012	4.1			4.1			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-24-5-071212	7/12/2012	4.9			4.9			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-24-5-101912	10/19/2012	3.5			3.5			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-24-5-012313	1/23/2013	3.6			3.6			<0.13	U		<0.0025	U		<0.0025	U	
		VMP-24-5-050113	5/1/2013	0.73			0.73			<0.03	U		<0.003	U		<0.003	U	
	10 ft	VMP-24-10-021711	2/17/2011	9			9			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-24-10-041111	4/11/2011	6.8			6.8			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-24-10-072811	7/28/2011	8.9			8.9			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-24-10-110211	11/2/2011	9.3			9.3			<0.016	U		<0.0016	U		<0.0016	U	
		VMP-24-10-012512	1/25/2012	7.2			7.2			<0.016	U		<0.0016	U		<0.0016	U	
		VMP-24-10-041012	4/10/2012	5.7			5.7			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-24-10-071212	7/12/2012	7.2			7.2			<0.021	U		<0.0021	U		<0.0021	U	
		VMP-24-10-100912	10/9/2012	6.3			6.3			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-24-10-012313	1/23/2013	5.3			5.3			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-24-10-042513	4/25/2013	2.4			2.4			<0.026	U		<0.0026	U		<0.0026	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011	0.022	J		<0.00027	U		82			10		
		VMP-23-10-042111	4/21/2011	1.5			<0.00028	U		79			13		
		VMP-23-10-072711	7/27/2011	0.045	J		<0.00025	U		84			6.6		
		VMP-23-10-110211	11/2/2011	0.0091	J		0.000037	J		82			10		
		VMP-23-10-012512	1/25/2012	0.026	J		0.000064	J		79			17		
		VMP-23-10-040912	4/9/2012	<0.13	U		0.00012	J		77			22		
		VMP-23-10-040912-Dup	4/9/2012	<0.16	U		0.00007	J		80			19		
		VMP-23-10-070912	7/9/2012	0.036	J		0.000093	J		78			20		
		VMP-23-10-100312	10/3/2012	0.051	J		0.000064	J		79			20		
		VMP-23-10-012413	1/24/2013	<0.12	U		0.000098	J		79			21		
		VMP-23-10-042213	4/22/2013	<0.13	U		<0.00026	U		79			21		
	25 ft	VMP-23-25-021511	2/15/2011	0.02	J		0.000065	J		84			1.9		
		VMP-23-25-042111	4/21/2011	0.08	J		0.00036			84			3.1		
		VMP-23-25-072711	7/27/2011	0.0063	J		0.0011			86			1.9		
		VMP-23-25-110511	11/5/2011	0.005	J		0.000029	J		84			5.2		
		VMP-23-25-012512	1/25/2012	0.25			<0.00016	U		81			6.8		
		VMP-23-25-040912	4/9/2012	0.07	J		0.000089	J		78			17		
		VMP-23-25-071012	7/10/2012	0.17			<0.00024	U		79			16		
		VMP-23-25-100312	10/3/2012	0.059	J		<0.0003	U		79			17		
		VMP-23-25-012413	1/24/2013	<0.13	U		<0.00025	U		78			19		
		VMP-23-25-042213	4/22/2013	0.015	J		<0.00028	U		78			20		
	40 ft	VMP-23-40-071012	7/10/2012	39			0.00014	J		49			12		
		VMP-23-40-100312	10/3/2012	0.081	J		0.000031	J		79			15		
		VMP-23-40-012413	1/24/2013	<0.13	U		<0.00026	U		78			17		
		VMP-23-40-042213	4/22/2013	0.037	J		<0.00028	U		77			18		
		VMP-23-40-042213-Dup	4/22/2013	0.032	J		<0.00028	U		77			18		
	5 ft	VMP-24-5-021611	2/16/2011	0.016	J		0.00015	J		79			14		
		VMP-24-5-040811	4/8/2011	0.013	J		0.0024			78			17		
		VMP-24-5-072811	7/28/2011	0.71			0.00016	J		77			16		
		VMP-24-5-110211	11/2/2011	<0.094	U		0.000056	J		79			13		
		VMP-24-5-110211-DUP	11/2/2011	0.0044	J		0.000037	J		79			13		
		VMP-24-5-012512	1/25/2012	0.0065	J		0.00019			78			18		
		VMP-24-5-040912	4/9/2012	0.14			0.000095	J		78			18		
		VMP-24-5-071212	7/12/2012	0.037	J		0.00011	J		78			17		
		VMP-24-5-101912	10/19/2012	0.019	J		0.00012	J		80			17		
		VMP-24-5-012313	1/23/2013	<0.13	U		0.000085	J		78			18		
		VMP-24-5-050113	5/1/2013	0.015	J		0.00011	J		78			21		
	10 ft	VMP-24-10-021711	2/17/2011	0.02	J		0.000078	J		79			12		
		VMP-24-10-041111	4/11/2011	0.051	J		0.00015	J		77			16		
		VMP-24-10-072811	7/28/2011	0.0098	J		0.00013	J		79			12		
		VMP-24-10-110211	11/2/2011	0.014	J		0.000067	J		79			12		
		VMP-24-10-012512	1/25/2012	<0.078	U		0.00011	J		78			15		
		VMP-24-10-041012	4/10/2012	0.052	J		0.00005	J		77			17		
		VMP-24-10-071212	7/12/2012	0.11			0.000027	J		78			15		
		VMP-24-10-100912	10/9/2012	0.07			0.000072	J		78			16		
		VMP-24-10-012313	1/23/2013	<0.14	U		0.000057	J		78			17		
		VMP-24-10-042513	4/25/2013	<0.13	U		0.000086	J		78			20		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011	9.7			9.7			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-24-22-041111	4/11/2011	9.3			9.3			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-24-22-072811	7/28/2011	9.6			9.6			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-24-22-072811-Dup	7/28/2011	9.7			9.7			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-24-22-110611	11/6/2011	7.9			7.9			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-24-22-012512	1/25/2012	9			9			<0.016	U		<0.0016	U		<0.0016	U	
		VMP-24-22-041012	4/10/2012	7.7			7.7			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-24-22-071212	7/12/2012	7.3			7.3			<0.022	U		<0.0022	U		<0.0022	U	
		VMP-24-22-100912	10/9/2012	7.7			7.7			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-24-22-012313	1/23/2013	6.4			6.4			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-24-22-042513	4/25/2013	5.2			5.2			<0.036	U		<0.0036	U		<0.0036	U	
		VMP-24-22-042513-Dup	4/25/2013	5.2			5.2			<0.03	U		<0.003	U		<0.003	U	
	34 ft	VMP-24-34-021711	2/17/2011	10			10			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-24-34-041111	4/11/2011	9.4			9.4			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-24-34-072811	7/28/2011	7.5			7.5			<0.021	U		<0.0021	U		<0.0021	U	
		VMP-24-34-110611	11/6/2011	6.7			6.7			<0.014	U		<0.0014	U		<0.0014	U	
		VMP-24-34-012512	1/25/2012	7.6			7.6			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-24-34-041012	4/10/2012	4.9			4.9			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-24-34-071212	7/12/2012	6.7			6.7			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-24-34-100912	10/9/2012	6.7			6.7			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-24-34-012313	1/23/2013	4.7			4.7			<0.14	U		<0.0029	U		<0.0029	U	
		VMP-24-34-050613	5/6/2013	2.6			2.6			<0.032	U		<0.0032	U		<0.0032	U	
VMP-25	5 ft	VMP-25-5-031511	3/15/2011	4.5			4.5			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-25-5-040811	4/8/2011	6.9			6.9			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-25-5-080911	8/9/2011	5.3			5.3			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-25-5-080911-DUP	8/9/2011	7.8			7.8			<0.02	U		<0.002	U		<0.002	U	
		VMP-25-5-111711	11/17/2011	3.2			3.2			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-25-5-013112	1/31/2012	2.5			2.5			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-25-5-042512	4/25/2012	5.9			5.9			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-25-5-072612	7/26/2012	12			12			<0.02	U		<0.002	U		<0.002	U	
		VMP-25-5-102612	10/26/2012	4.3			4.3			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-25-5-030613	3/6/2013	1.9			1.9			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-25-5-051713	5/17/2013	3.6			3.6			<0.043	U		<0.0043	U		<0.0043	U	
	21 ft	VMP-25-21-031511	3/15/2011	15			15			<0.024	U		0.029			<0.0024	U	
		VMP-25-21-031511-DUP	3/15/2011	14			14			<0.024	U		0.029			<0.0024	U	
		VMP-25-21-040811	4/8/2011	14			14			<0.025	U		0.02			<0.0025	U	
		VMP-25-21-040811-DUP	4/8/2011	13			13			<0.026	U		0.02			<0.0026	U	
		VMP-25-21-080911	8/9/2011	9.2			9.2			<0.026	U		0.016			<0.0026	U	
		VMP-25-21-111711	11/17/2011	13			13			<0.017	U		0.019			<0.0017	U	
		VMP-25-21-111711-DUP	11/17/2011	13			13			<0.017	U		0.019			<0.0017	U	
		VMP-25-21-013112	1/31/2012	15			15			<0.018	U		0.022			<0.0018	U	
		VMP-25-21-013112-DUP	2/1/2012	15			15			<0.018	U		0.022			<0.0018	U	
		VMP-25-21-042512	4/25/2012	14			14			<0.018	U		0.022			<0.0018	U	
		VMP-25-21-072612	7/26/2012	13			13			<0.02	U		0.024			<0.002	U	
		VMP-25-21-102612	10/26/2012	15			15			<0.026	U		0.024			<0.0026	U	
		VMP-25-21-030613	3/6/2013	12			12			<0.024	U		0.021			<0.0024	U	
		VMP-25-21-051713	5/17/2013	14			14			<0.027	U		0.032			<0.0027	U	
	31 ft	VMP-25-31-030613	3/6/2013	12			12			<0.024	U		0.035			<0.0024	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011	0.16			0.00031			78			12		
		VMP-24-22-041111	4/11/2011	0.021	J		<0.00025	U		78			13		
		VMP-24-22-072811	7/28/2011	0.0046	J		0.00016	J		78			12		
		VMP-24-22-072811-Dup	7/28/2011	<0.14	U		0.00017	J		78			12		
		VMP-24-22-110611	11/6/2011	0.21			0.00011	J		78			14		
		VMP-24-22-012512	1/25/2012	0.23			0.00011	J		77			14		
		VMP-24-22-041012	4/10/2012	0.075	J		0.000038	J		77			15		
		VMP-24-22-071212	7/12/2012	0.083	J		0.000028	J		78			15		
		VMP-24-22-100912	10/9/2012	0.018	J		0.000033	J		77			15		
		VMP-24-22-012313	1/23/2013	<0.14	U		0.000033	J		77			17		
		VMP-24-22-042513	4/25/2013	0.021	J		<0.00036	U		77			18		
		VMP-24-22-042513-Dup	4/25/2013	0.024	J		<0.0003	U		77			18		
	34 ft	VMP-24-34-021711	2/17/2011	0.15			0.000049	J		79			11		
		VMP-24-34-041111	4/11/2011	0.085	J		<0.00024	U		78			13		
		VMP-24-34-072811	7/28/2011	0.024	J		0.00014	J		78			14		
		VMP-24-34-110611	11/6/2011	0.0045	J		0.000074	J		78			15		
		VMP-24-34-012512	1/25/2012	<0.084	U		0.000091	J		77			15		
		VMP-24-34-041012	4/10/2012	0.12			0.000071	J		78			17		
		VMP-24-34-071212	7/12/2012	0.048	J		0.000054	J		78			15		
		VMP-24-34-100912	10/9/2012	0.025	J		0.00017	J		77			16		
		VMP-24-34-012313	1/23/2013	<0.14	U		0.00005	J		78			17		
		VMP-24-34-050613	5/6/2013	<0.16	U		<0.00032	U		78			19		
VMP-25	5 ft	VMP-25-5-031511	3/15/2011	<0.12	U		0.044			93			2.9		
		VMP-25-5-040811	4/8/2011	0.024	J		0.0036			90			3.4		
		VMP-25-5-080911	8/9/2011	0.012	J		0.00094			81			14		
		VMP-25-5-080911-DUP	8/9/2011	0.25			0.0013			180			11		
		VMP-25-5-111711	11/17/2011	<0.084	U		0.000071	J		86			11		
		VMP-25-5-013112	1/31/2012	<0.092	U		0.0001	J		86			11		
		VMP-25-5-042512	4/25/2012	<0.13	U		0.00005	J		84			10		
		VMP-25-5-072612	7/26/2012	0.075	J		0.0021			81			6.5		
		VMP-25-5-102612	10/26/2012	0.026	J		0.0002	J		86			10		
		VMP-25-5-030613	3/6/2013	<0.13	U		0.00025	J		81			17		
		VMP-25-5-051713	5/17/2013	1.2			0.077			78			17		
	21 ft	VMP-25-21-031511	3/15/2011	<0.12	U		30			50			1.1		
		VMP-25-21-031511-DUP	3/15/2011	<0.12	U		29			52			1.2		
		VMP-25-21-040811	4/8/2011	0.009	J		26			54			2.8		
		VMP-25-21-040811-DUP	4/8/2011	0.026	J		25			56			3.3		
		VMP-25-21-080911	8/9/2011	0.0086	J		22			61			7.3		
		VMP-25-21-111711	11/17/2011	0.0055	J		26			54			3.8		
		VMP-25-21-111711-DUP	11/17/2011	0.0039	J		26			54			4		
		VMP-25-21-013112	1/31/2012	<0.088	U		30			51			1.2		
		VMP-25-21-013112-DUP	2/1/2012	<0.088	U		30			51			1.1		
		VMP-25-21-042512	4/25/2012	0.011	J		30			52			1.2		
		VMP-25-21-072612	7/26/2012	0.0099	J		32			50			1.9		
		VMP-25-21-102612	10/26/2012	<0.13	U		39			41			1.4		
		VMP-25-21-030613	3/6/2013	1.7			31			48			3.9		
		VMP-25-21-051713	5/17/2013	<0.14	U		29			53			1.4		
	31 ft	VMP-25-31-030613	3/6/2013	<0.12	U		26			57			2.2		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-29	10 ft	VMP-29-10-073012	7/30/2012	9.1			9.1			<0.02	U		<0.002	U		<0.002	U	
		VMP-29-10-100812	10/8/2012	8.5			8.5			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-29-10-020613	2/6/2013	1.2			1.2			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-29-10-050613	5/6/2013	0.46			0.46			<0.027	U		<0.0027	U		<0.0027	U	
	20 ft	VMP-29-20-073012	7/30/2012	9.8			9.8			<0.02	U		<0.002	U		<0.002	U	
		VMP-29-20-073012-Dup	7/30/2012	9.3			9.3			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-29-20-100812	10/8/2012	9.5			9.5			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-29-20-020613	2/6/2013	0.32			0.32			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-29-20-050613	5/6/2013	1			1			<0.028	U		<0.0028	U		<0.0028	U	
	30 ft	VMP-29-30-073012	7/30/2012	11			11			<0.021	U		<0.0021	U		<0.0021	U	
		VMP-29-30-100812	10/8/2012	12			12			<0.03	U		<0.003	U		<0.003	U	
		VMP-29-30-020613	2/6/2013	1.8			1.8			<0.14	U		<0.0029	U		<0.0029	U	
		VMP-29-30-050613	5/6/2013	1			1			<0.029	U		<0.0029	U		<0.0029	U	
VMP-30	10 ft	VMP-30-10-073012	7/30/2012	5.1			5.1			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-30-10-100812	10/8/2012	2.5			2.5			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-30-10-020613	2/6/2013	0.094			0.094			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-30-10-050613	5/6/2013	0.1			0.1			<0.028	U		<0.0028	U		<0.0028	U	
	20 ft	VMP-30-20-073012	7/30/2012	12			12			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-30-20-100812	10/8/2012	11			11			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-30-20-020613	2/6/2013	0.52			0.52			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-30-20-050613	5/6/2013	0.33			0.33			<0.028	U		<0.0028	U		<0.0028	U	
	30 ft	VMP-30-30-073012	7/30/2012	14			14			<0.02	U		<0.002	U		<0.002	U	
		VMP-30-30-100812	10/8/2012	14			14			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-30-30-020613	2/6/2013	1.8			1.8			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-30-30-050613	5/6/2013	0.55			0.55			<0.032	U		<0.0032	U		<0.0032	U	
VMP-31	5 ft	VMP-31-5-042512	4/25/2012	0.92			0.92			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-31-5-072012	7/20/2012	0.63			0.63			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-31-5-102612	10/26/2012	0.47			0.47			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-31-5-021113	2/11/2013	0.16			0.16			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-31-5-051513	5/15/2013	0.81			0.81			<0.029	U		<0.0029	U		<0.0029	U	
	10 ft	VMP-31-10-042512	4/25/2012	1.1			1.1			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-31-10-072612	7/26/2012	0.99			0.99			<0.02	U		<0.002	U		<0.002	U	
		VMP-31-10-102612	10/26/2012	0.57			0.57			<0.03	U		<0.003	U		<0.003	U	
		VMP-31-10-021313	2/13/2013	0.18			0.18			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-31-10-051713	5/17/2013	1.3			1.3			<0.032	U		<0.0032	U		<0.0032	U	
	20 ft	VMP-31-20-101912	10/19/2012	8			8			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-31-20-021113	2/11/2013	3.6			3.6			<0.14	U		<0.0028	U		<0.0028	U	
	30 ft	VMP-31-30-042512	4/25/2012	11			11			<0.02	U		0.00049	J		0.000081	J	
		VMP-31-30-042512-Dup	4/25/2012	12			12			<0.02	U		0.00022	J		<0.002	U	
		VMP-31-30-072012	7/20/2012	9.3			9.3			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-31-30-101912	10/19/2012	2.5			2.5			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-31-30-021113	2/11/2013	11			11			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-31-30-050713	5/7/2013	13			13			<0.03	U		0.00091	J		<0.003	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-29	10 ft	VMP-29-10-073012	7/30/2012	<0.1	U		<0.0002	U		81			9.5		
		VMP-29-10-100812	10/8/2012	<0.14	U		0.00011	J		82			10		
		VMP-29-10-020613	2/6/2013	0.15			0.00009	J		79			20		
		VMP-29-10-050613	5/6/2013	0.35			<0.00027	U		78			21		
	20 ft	VMP-29-20-073012	7/30/2012	<0.1	U		0.000078	J		81			8.8		
		VMP-29-20-073012-Dup	7/30/2012	0.06	J		0.00003	J		81			9.6		
		VMP-29-20-100812	10/8/2012	0.018	J		0.00011	J		81			9.1		
		VMP-29-20-020613	2/6/2013	0.16			0.00021	J		78			21		
		VMP-29-20-050613	5/6/2013	<0.14	U		<0.00028	U		79			20		
	30 ft	VMP-29-30-073012	7/30/2012	0.012	J		0.000027	J		82			6.6		
		VMP-29-30-100812	10/8/2012	0.026	J		0.000021	J		82			6.1		
		VMP-29-30-020613	2/6/2013	0.043			0.00014	J		78			20		
		VMP-29-30-050613	5/6/2013	<0.14	U		<0.00029	U		78			21		
VMP-30	10 ft	VMP-30-10-073012	7/30/2012	0.007	J		0.000019	J		80			15		
		VMP-30-10-100812	10/8/2012	0.028	J		0.000049	J		79			18		
		VMP-30-10-020613	2/6/2013	<0.13	U		0.000058	J		78			22		
		VMP-30-10-050613	5/6/2013	<0.14	U		0.0012			79			21		
	20 ft	VMP-30-20-073012	7/30/2012	0.029	J		0.000091	J		83			5		
		VMP-30-20-100812	10/8/2012	0.036			0.000089	J		81			8.3		
		VMP-30-20-020613	2/6/2013	<0.13	U		0.00013	J		78			21		
		VMP-30-20-050613	5/6/2013	<0.14	U		<0.00028	U		79			21		
	30 ft	VMP-30-30-073012	7/30/2012	0.0098	J		0.002			84			2.4		
		VMP-30-30-100812	10/8/2012	<0.14	U		0.0005			81			5.4		
		VMP-30-30-020613	2/6/2013	<0.13	U		0.00008	J		78			20		
		VMP-30-30-050613	5/6/2013	<0.16	U		<0.00032	U		78			21		
VMP-31	5 ft	VMP-31-5-042512	4/25/2012	0.094	J		0.00011	J		80			19		
		VMP-31-5-072012	7/20/2012	1.3			0.00023			78			20		
		VMP-31-5-102612	10/26/2012	0.062	J		0.00016	J		80			20		
		VMP-31-5-021113	2/11/2013	0.29			0.00012	J		80			20		
		VMP-31-5-051513	5/15/2013	0.077	J		0.00019	J		79			20		
	10 ft	VMP-31-10-042512	4/25/2012	0.22			0.00012	J		80			19		
		VMP-31-10-072612	7/26/2012	<0.098	U		0.00023			79			20		
		VMP-31-10-102612	10/26/2012	2.6			0.00014	J		77			20		
		VMP-31-10-021313	2/13/2013	0.32			0.00015	J		78			21		
		VMP-31-10-051713	5/17/2013	0.12	J		0.00031	J		80			19		
	20 ft	VMP-31-20-101912	10/19/2012	0.21			0.014			82			9.9		
		VMP-31-20-021113	2/11/2013	<0.14	U		0.0044			78			18		
	30 ft	VMP-31-30-042512	4/25/2012	0.016	J		1.2			86			1.8		
		VMP-31-30-042512-Dup	4/25/2012	0.0094	J		0.92			85			1.7		
		VMP-31-30-072012	7/20/2012	0.023	J		0.079			83			7.8		
		VMP-31-30-101912	10/19/2012	0.021	J		0.0031			79			18		
		VMP-31-30-021113	2/11/2013	<0.14	U		0.0088			83			5.6		
		VMP-31-30-050713	5/7/2013	0.012	J		3.4			81			1.8		

TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-32	5 ft	VMP-32-5-042512	4/25/2012	0.29			0.29			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-32-5-072012	7/20/2012	1.1			1.1			<0.017	U		<0.0017	U		<0.0017	U	
		VMP-32-5-101812	10/18/2012	0.88			0.88			<0.032	U		<0.0032	U		<0.0032	U	
		VMP-32-5-020513	2/5/2013	0.25			0.25			<0.13	U		<0.0025	U		<0.0025	U	
		VMP-32-5-050713	5/7/2013	0.44			0.44			<0.027	U		<0.0027	U		<0.0027	U	
	10 ft	VMP-32-10-041612	4/16/2012	2.3			2.3			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-32-10-072012	7/20/2012	3.7			3.7			<0.02	U		<0.002	U		<0.002	U	
		VMP-32-10-101812	10/18/2012	3.4			3.4			<0.03	U		<0.003	U		<0.003	U	
		VMP-32-10-020513	2/5/2013	2.2			2.2			<0.13	U		<0.0025	U		<0.0025	U	
		VMP-32-10-050713	5/7/2013	2.6			2.6			<0.028	U		<0.0028	U		<0.0028	U	
	20 ft	VMP-32-20-041612	4/16/2012	3.7			3.7			<0.02	U		<0.002	U		<0.002	U	
		VMP-32-20-072012	7/20/2012	4.9			4.9			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-32-20-101812	10/18/2012	4.8			4.8			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-32-20-020513	2/5/2013	3.4			3.4			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-32-20-050713	5/7/2013	4.3			4.3			<0.031	U		<0.0031	U		<0.0031	U	
		VMP-32-20-050713-Dup	5/7/2013	4.3			4.3			<0.028	U		<0.0028	U		<0.0028	U	
	30 ft	VMP-32-30-041612	4/16/2012	11			11			<0.019	U		0.00022	J		<0.0019	U	
		VMP-32-30-072012	7/20/2012	11			11			<0.019	U		0.0001	J		<0.0019	U	
		VMP-32-30-101812	10/18/2012	10			10			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-32-30-020513	2/5/2013	14			14			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-32-30-050713	5/7/2013	14			14			<0.029	U		<0.0029	U		<0.0029	U	
VMP-41	10 ft	VMP-41-10-072712	7/27/2012	5.2			5.2			<0.02	U		<0.002	U		<0.002	U	
		VMP-41-10-100912	10/9/2012	4.8			4.8			<0.03	U		<0.003	U		<0.003	U	
		VMP-41-10-012913	1/29/2013	0.41			0.41			<0.15	U		<0.003	U		<0.003	U	
		VMP-41-10-043013	4/30/2013	0.3			0.3			<0.027	U		<0.0027	U		<0.0027	U	
	20 ft	VMP-41-20-072712	7/27/2012	7.2			7.2			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-41-20-072712-Dup	7/27/2012	7.1			7.1			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-41-20-100912	10/9/2012	6.5			6.5			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-41-20-100912-Dup	10/9/2012	6.7			6.7			<0.03	U		<0.003	U		<0.003	U	
		VMP-41-20-012913	1/29/2013	0.88			0.88			<0.15	U		<0.003	U		<0.003	U	
		VMP-41-20-043013	4/30/2013	0.28			0.28			<0.036	U		<0.0036	U		<0.0036	U	
		VMP-41-20-043013-Dup	4/30/2013	0.28			0.28			<0.038	U		<0.0038	U		<0.0038	U	
	30 ft	VMP-41-30-072712	7/27/2012	8.2			8.2			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-41-30-100912	10/9/2012	8.6			8.6			<0.031	U		<0.0031	U		<0.0031	U	
		VMP-41-30-012913	1/29/2013	1.9			1.9			<0.28	U		<0.0057	U		<0.0057	U	
		VMP-41-30-043013	4/30/2013	0.49			0.49			<0.028	U		<0.0028	U		<0.0028	U	
VMP-42	10 ft	VMP-42-10-041812	4/18/2012	3.1			3.1			<0.022	U		<0.0022	U		<0.0022	U	
		VMP-42-10-041812-Dup	4/18/2012	3.1			3.1			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-42-20-041812	4/18/2012	9.6			9.6			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-42-10-071912	7/19/2012	2.5			2.5			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-42-10-101212	10/12/2012	0.92			0.92			<0.031	U		<0.0031	U		<0.0031	U	
		VMP-42-10-013113	1/31/2013	0.45			0.45			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-42-10-043013	4/30/2013	0.36			0.36			<0.03	U		<0.003	U		<0.003	U	
		VMP-42-20-043013	4/30/2013	1.2			1.2			<0.031	U		<0.0031	U		<0.0031	U	
	20 ft	VMP-42-20-071912	7/19/2012	6.7			6.7			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-42-20-101212	10/12/2012	3.4			3.4			<0.037	U		<0.0037	U		<0.0037	U	
		VMP-42-20-101212-Dup	10/12/2012	3.3			3.3			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-42-20-013113	1/31/2013	2.5			2.5			<0.13	U		<0.0026	U		<0.0026	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-32	5 ft	VMP-32-5-042512	4/25/2012	0.066	J		0.0002	J		79			21		
		VMP-32-5-072012	7/20/2012	0.095			0.00016	J		79			20		
		VMP-32-5-101812	10/18/2012	0.024	J		0.000068	J		81			18		
		VMP-32-5-020513	2/5/2013	<0.13	U		0.00013	J		79			21		
		VMP-32-5-050713	5/7/2013	0.14			0.00029			78			21		
	10 ft	VMP-32-10-041612	4/16/2012	0.15			0.00013	J		76			22		
		VMP-32-10-072012	7/20/2012	0.056	J		0.000063	J		79			17		
		VMP-32-10-101812	10/18/2012	0.018	J		0.000036	J		80			17		
		VMP-32-10-020513	2/5/2013	<0.13	U		0.000027	J		79			19		
		VMP-32-10-050713	5/7/2013	0.014	J		<0.00028	U		79			18		
	20 ft	VMP-32-20-041612	4/16/2012	0.057	J		0.00013	J		80			16		
		VMP-32-20-072012	7/20/2012	0.022	J		0.000079	J		81			14		
		VMP-32-20-101812	10/18/2012	0.013	J		0.000027	J		79			16		
		VMP-32-20-020513	2/5/2013	<0.14	U		0.000026	J		79			18		
		VMP-32-20-050713	5/7/2013	0.049	J		<0.00031	U		80			16		
		VMP-32-20-050713-Dup	5/7/2013	0.042	J		<0.00028	U		80			16		
	30 ft	VMP-32-30-041612	4/16/2012	0.1			0.83			86			1.9		
		VMP-32-30-072012	7/20/2012	0.059	J		0.44			87			1.6		
		VMP-32-30-101812	10/18/2012	0.013	J		0.015			83			7		
		VMP-32-30-020513	2/5/2013	<0.14	U		0.00075			82			4.3		
		VMP-32-30-050713	5/7/2013	<0.14	U		0.29			84			1.9		
VMP-41	10 ft	VMP-41-10-072712	7/27/2012	0.019	J		0.00014	J		80			15		
		VMP-41-10-100912	10/9/2012	0.011	J		0.000022	J		81			14		
		VMP-41-10-012913	1/29/2013	<0.15	U		0.000038	J		78			21		
		VMP-41-10-043013	4/30/2013	<0.14	U		<0.00027	U		79			21		
	20 ft	VMP-41-20-072712	7/27/2012	<0.094	U		0.000023	J		80			13		
		VMP-41-20-072712-Dup	7/27/2012	<0.096	U		0.000018	J		80			13		
		VMP-41-20-100912	10/9/2012	0.53			0.000027	J		81			12		
		VMP-41-20-100912-Dup	10/9/2012	0.019	J		0.000024	J		81			12		
		VMP-41-20-012913	1/29/2013	<0.15	U		0.000032	J		79			20		
		VMP-41-20-043013	4/30/2013	0.036	J		<0.00036	U		75			25		
		VMP-41-20-043013-Dup	4/30/2013	0.053	J		<0.00038	U		78			22		
	30 ft	VMP-41-30-072712	7/27/2012	0.0071	J		0.000037	J		80			12		
		VMP-41-30-100912	10/9/2012	<0.16	U		0.000058	J		81			10		
		VMP-41-30-012913	1/29/2013	<0.28	U		<0.00057	U		76			22		
		VMP-41-30-043013	4/30/2013	<0.14	U		<0.00028	U		78			21		
VMP-42	10 ft	VMP-42-10-041812	4/18/2012	0.052	J		<0.00022	U		79			18		
		VMP-42-10-041812-Dup	4/18/2012	0.031	J		<0.00023	U		79			18		
		VMP-42-20-041812	4/18/2012	0.038	J		0.064			83			7.4		
		VMP-42-10-071912	7/19/2012	0.1	J		0.000028	J		79			19		
		VMP-42-10-101212	10/12/2012	<0.15	U		0.00002	J		79			20		
		VMP-42-10-013113	1/31/2013	<0.14	U		0.000027	J		78			21		
		VMP-42-10-043013	4/30/2013	0.027	J		<0.0003	U		80			20		
		VMP-42-20-043013	4/30/2013	<0.15	U		<0.00031	U		79			20		
	20 ft	VMP-42-20-071912	7/19/2012	0.055	J		0.000033	J		220			14		
		VMP-42-20-101212	10/12/2012	0.093	J		0.000036	J		79			18		
		VMP-42-20-101212-Dup	10/12/2012	0.051	J		0.000047	J		78			19		
		VMP-42-20-013113	1/31/2013	<0.13	U		0.00002	J		78			19		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-43	30 ft	VMP-42-30-041912	4/19/2012	12			12			<0.019	U		0.00022	J		<0.0019	U	
		VMP-42-30-071912	7/19/2012	9.2			9.2			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-42-30-101212	10/12/2012	8.2			8.2			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-42-30-101212-Dup	10/12/2012	8.2			8.2			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-42-30-013113	1/31/2013	6.6			6.6			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-42-30-043013	4/30/2013	3.2			3.2			<0.028	U		<0.0028	U		<0.0028	U	
	10 ft	VMP-43-10-041612	4/16/2012	0.88			0.88			<0.025	U		<0.0025	U		<0.0025	U	
		VMP-43-10-071912	7/19/2012	0.87			0.87			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-43-10-101612	10/16/2012	0.55			0.55			<0.032	U		<0.0032	U		<0.0032	U	
		VMP-43-10-051713	5/17/2013	0.54			0.54			<0.031	U		<0.0031	U		<0.0031	U	
	20 ft	VMP-43-20-041612	4/16/2012	4.8			4.8			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-43-20-071912	7/19/2012	2.9			2.9			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-43-20-101812	10/18/2012	1.9			1.9			<0.026	U		<0.0026	U		<0.0026	U	
		VMP-43-20-012413	1/24/2013	3.2			3.2			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-43-20-043013	4/30/2013	1.6			1.6			<0.039	U		<0.0039	U		<0.0039	U	
	30 ft	VMP-43-30-042312	4/23/2012	2.8			2.8			<0.023	U		<0.0023	U		<0.0023	U	
		VMP-43-30-071912	7/19/2012	2.5			2.5			<0.031	U		<0.0031	U		<0.0031	U	
		VMP-43-30-101812	10/18/2012	1.3			1.3			<0.037	U		<0.0037	U		<0.0037	U	
		VMP-43-30-012413	1/24/2013	1.7			1.7			<0.13	U		<0.0027	U		<0.0027	U	
		VMP-43-30-043013	4/30/2013	2.9			2.9			<0.03	U		<0.003	U		<0.003	U	
VMP-44	10 ft	VMP-44-10-041912	4/19/2012	9.1			9.1			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-44-10-072012	7/20/2012	14			14			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-44-10-081012	8/10/2012	12			12			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-44-10-101212	10/12/2012	5.9			5.9			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-44-10-012513	1/25/2013	7.2			7.2			<0.12	U		0.000081	J		<0.0023	U	
		VMP-44-10-042913	4/29/2013	4.3			4.3			<0.032	U		<0.0032	U		<0.0032	U	
	20 ft	VMP-44-20-041912	4/19/2012	12			12			<0.02	U		<0.002	U		<0.002	U	
		VMP-44-20-072512	7/25/2012	15			15			<0.021	U		<0.0021	U		<0.0021	U	
		VMP-44-20-101212	10/12/2012	11			11			<0.03	U		<0.003	U		<0.003	U	
		VMP-44-20-012513	1/25/2013	10			10			<0.12	U		0.000081	J		<0.0025	U	
		VMP-44-20-042913	4/29/2013	6.3			6.3			<0.028	U		<0.0028	U		<0.0028	U	
	30 ft	VMP-44-30-041912	4/19/2012	12			12			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-44-30-072512	7/25/2012	9.2			9.2			<0.02	U		<0.002	U		<0.002	U	
		VMP-44-30-072512-Dup	7/25/2012	9.4			9.4			<0.02	U		<0.002	U		<0.002	U	
		VMP-44-30-101512	10/15/2012	5.3			5.3			<0.03	U		<0.003	U		<0.003	U	
		VMP-44-30-101512-Dup	10/15/2012	5.1			5.1			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-44-30-012513	1/25/2013	0.073		J	0.073		J	<0.19	U	UJ	0.0002	J	J	<0.0038	U	UJ
		VMP-44-30-043013	4/30/2013	2.2			2.2			<0.031	U		<0.0031	U		<0.0031	U	
	10 ft	VMP-45-10-041912	4/19/2012	0.86			0.86			<0.031	U		<0.0031	U		<0.0031	U	
		VMP-45-10-071912	7/19/2012	0.83			0.83			<0.024	U		<0.0024	U		<0.0024	U	
		VMP-45-10-101512	10/15/2012	0.4			0.4			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-45-10-013013	1/30/2013	0.13			0.13			<0.13	U		<0.0025	U		<0.0025	U	
		VMP-45-10-042913	4/29/2013	0.22			0.22			<0.029	U		<0.0029	U		<0.0029	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-43	30 ft	VMP-42-30-041912	4/19/2012	0.028	J		0.45			86			1.8		
		VMP-42-30-071912	7/19/2012	0.048	J		0.027			89			2.1		
		VMP-42-30-101212	10/12/2012	0.035	J		0.0017			79			13		
		VMP-42-30-101212-Dup	10/12/2012	0.04	J		0.0017			79			13		
		VMP-42-30-013113	1/31/2013	<0.14	U		0.00029			79			14		
		VMP-42-30-043013	4/30/2013	<0.14	U		<0.00028	U		79			18		
	10 ft	VMP-43-10-041612	4/16/2012	0.43			0.00011	J		81			18		
		VMP-43-10-071912	7/19/2012	0.16			0.00019	J		80			19		
		VMP-43-10-101612	10/16/2012	0.071	J		0.00011	J		80			19		
		VMP-43-10-051713	5/17/2013	2.6			0.00024	J		77			20		
	20 ft	VMP-43-20-041612	4/16/2012	0.16			0.012			80			15		
		VMP-43-20-071912	7/19/2012	0.073	J		0.0016			80			17		
		VMP-43-20-101812	10/18/2012	0.054	J		0.0008			80			18		
		VMP-43-20-012413	1/24/2013	<0.13	U		0.00065			79			18		
		VMP-43-20-043013	4/30/2013	<0.19	U		0.0011			79			19		
	30 ft	VMP-43-30-042312	4/23/2012	0.016	J		0.0008			75			22		
		VMP-43-30-071912	7/19/2012	0.044	J		0.00071			80			18		
		VMP-43-30-101812	10/18/2012	0.016	J		0.000047	J		79			20		
		VMP-43-30-012413	1/24/2013	<0.13	U		0.00004	J		79			19		
		VMP-43-30-043013	4/30/2013	<0.15	U		0.0006			79			18		
VMP-44	10 ft	VMP-44-10-041912	4/19/2012	0.047	J		0.025			84			6.6		
		VMP-44-10-072012	7/20/2012	0.037	J		0.022			81			4.3		
		VMP-44-10-081012	8/10/2012	0.038	J		0.045			91			6.4		
		VMP-44-10-101212	10/12/2012	1.4			0.0063			81			12		
		VMP-44-10-012513	1/25/2013	<0.12	U		0.0024			85			7.7		
		VMP-44-10-042913	4/29/2013	<0.16	U		0.0026			81			15		
	20 ft	VMP-44-20-041912	4/19/2012	0.17			0.069			85			2.5		
		VMP-44-20-072512	7/25/2012	0.056	J		0.019			81			3.9		
		VMP-44-20-101212	10/12/2012	0.21			0.0086			81			7.8		
		VMP-44-20-012513	1/25/2013	<0.12	U		0.021			83			7.3		
		VMP-44-20-042913	4/29/2013	<0.14	U		0.0021			82			12		
	30 ft	VMP-44-30-041912	4/19/2012	0.046	J		0.076			86			2.2		
		VMP-44-30-072512	7/25/2012	0.028	J		0.0033			81			10		
		VMP-44-30-072512-Dup	7/25/2012	0.016	J		0.0034			81			9.9		
		VMP-44-30-101512	10/15/2012	0.019	J		0.003			80			15		
		VMP-44-30-101512-Dup	10/15/2012	0.018	J		0.0029			80			15		
		VMP-44-30-012513	1/25/2013	9.9		J	0.00034	J	J	71		J	19		J
		VMP-44-30-043013	4/30/2013	<0.15	U		0.00023	J		80			18		
	10 ft	VMP-45-10-041912	4/19/2012	0.11	J		<0.00031	U		79			20		
		VMP-45-10-071912	7/19/2012	0.053	J		0.000027	J		79			20		
		VMP-45-10-101512	10/15/2012	0.06	J		0.000018	J		80			20		
		VMP-45-10-013013	1/30/2013	<0.13	U		0.000046	J		80			20		
		VMP-45-10-042913	4/29/2013	0.036	J		<0.00029	U		78			22		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-45	20 ft	VMP-45-20-041912	4/19/2012	6.3			6.3			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-45-20-071912	7/19/2012	4.2			4.2			<0.018	U		<0.0018	U		<0.0018	U	
		VMP-45-20-101512	10/15/2012	2.4			2.4			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-45-20-013013	1/30/2013	2			2			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-45-20-042913	4/29/2013	0.98			0.98			<0.03	U		<0.003	U		<0.003	U	
		VMP-45-20-042913-Dup	4/29/2013	0.95			0.95			<0.03	U		<0.003	U		<0.003	U	
	30 ft	VMP-45-30-041912	4/19/2012	10			10			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-45-30-071912	7/19/2012	7.8			7.8			<0.019	U		<0.0019	U		<0.0019	U	
		VMP-45-30-101512	10/15/2012	4.1			4.1			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-45-30-101512-Dup	10/15/2012	4.2			4.2			<0.027	U		<0.0027	U		<0.0027	U	
		VMP-45-30-013013	1/30/2013	2.5			2.5			<0.12	U		<0.0024	U		<0.0024	U	
		VMP-45-30-042913	4/29/2013	1.7			1.7			<0.029	U		<0.0029	U		<0.0029	U	
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	6.8			6.8			<0.14	U		<0.0029	U		<0.0029	U	
		VMP-47-5-012313-R	1/23/2013	11			11			<0.12	U		0.0012	J		<0.0024	U	
		VMP-47-5-060513	6/5/2013	11			11			<0.03	U		0.0012	J		<0.003	U	
	10 ft	VMP-47-10-012113	1/21/2013	12			12			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-47-10-012313-R	1/23/2013	11			11			<0.12	U		<0.0024	U		<0.0024	U	
		VMP-47-10-060513	6/5/2013	11			11			<0.029	U		0.00098	J		<0.0029	U	
	20 ft	VMP-47-20-012113	1/21/2013	13			13			<0.13	U		0.0001	J		<0.0025	U	
		VMP-47-20-012313-R	1/23/2013	12			12			<0.12	U		0.00061	J		<0.0024	U	
		VMP-47-20-060513	6/5/2013	11			11			<0.029	U		0.0011	J		<0.0029	U	
		VMP-47-20-060513-Dup	6/5/2013	11			11			<0.027	U		0.0012	J		<0.0027	U	
	30 ft	VMP-47-30-012113	1/21/2013	12			12			<0.13	U		0.00041	J		<0.0026	U	
		VMP-47-30-012313-R	1/23/2013	11			11			<0.12	U		0.0014	J		<0.0024	U	
		VMP-47-30-060513	6/5/2013	11			11			<0.029	U		0.0017	J		<0.0029	U	
VMP-48	5 ft	VMP-48-5-020113	2/1/2013	0.33			0.33			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-48-5-050313	5/3/2013	0.64			0.64			<0.027	U		<0.0027	U		<0.0027	U	
	10 ft	VMP-48-10-020113	2/1/2013	2.7			2.7			<0.13	U		<0.0027	U		<0.0027	U	
		VMP-48-10-050813	5/8/2013	2			2			<0.029	U		<0.0029	U		<0.0029	U	
	20 ft	VMP-48-20-020113	2/1/2013	4.2			4.2			<0.13	U		<0.0026	U		<0.0026	U	
	30 ft	VMP-48-30-020113	2/1/2013	11			11			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-48-30-020113-DUP	2/1/2013	11			11			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-48-30-050313	5/3/2013	8.8			8.8			<0.025	U		<0.0025	U		<0.0025	U	
VMP-49	5 ft	VMP-49-5-020113	2/1/2013	0.71			0.71			<0.13	U		<0.0027	U		<0.0027	U	
		VMP-49-5-050713	5/7/2013	0.73			0.73			<0.032	U		<0.0032	U		<0.0032	U	
	10 ft	VMP-49-10-020113	2/1/2013	0.58			0.58			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-49-10-050713	5/7/2013	0.99			0.99			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-49-10-050713-Dup	5/7/2013	1.2			1.2			<0.03	U		<0.003	U		<0.003	U	
	20 ft	VMP-49-20-020113	2/1/2013	0.39			0.39			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-49-20-050913	5/9/2013	1.6			1.6			<0.029	U		<0.0029	U		<0.0029	U	
	30 ft	VMP-49-30-020113	2/1/2013	11			11			<0.12	U		<0.0025	U		<0.0025	U	
		VMP-49-30-050813	5/8/2013	7			7			<0.032	U		<0.0032	U		<0.0032	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-45	20 ft	VMP-45-20-041912	4/19/2012	0.14			0.0003			80			14		
		VMP-45-20-071912	7/19/2012	0.6			0.00022			78			17		
		VMP-45-20-101512	10/15/2012	0.028	J		0.00076			80			18		
		VMP-45-20-013013	1/30/2013	<0.13	U		0.0012			79			19		
		VMP-45-20-042913	4/29/2013	0.066	J		0.00031			79			20		
		VMP-45-20-042913-Dup	4/29/2013	0.077	J		0.00031			79			20		
	30 ft	VMP-45-30-041912	4/19/2012	0.033	J		0.024			85			4.9		
		VMP-45-30-071912	7/19/2012	0.045	J		0.00082			83			9.3		
		VMP-45-30-101512	10/15/2012	0.03	J		0.0005			80			16		
		VMP-45-30-101512-Dup	10/15/2012	0.026	J		0.0005			80			16		
		VMP-45-30-013013	1/30/2013	<0.12	U		0.00046			80			18		
		VMP-45-30-042913	4/29/2013	<0.15	U		0.00012	J		78			20		
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	<0.14	U		0.00002	J		81			12		
		VMP-47-5-012313-R	1/23/2013	<0.12	U		3.9			83			1.7		
		VMP-47-5-060513	6/5/2013	<0.15	U		4.3			82			1.6		
	10 ft	VMP-47-10-012113	1/21/2013	<0.14	U		<0.00028	U		83			5.3		
		VMP-47-10-012313-R	1/23/2013	<0.12	U		0.14			86			2.5		
		VMP-47-10-060513	6/5/2013	0.12	J		3.4			83			1.7		
	20 ft	VMP-47-20-012113	1/21/2013	0.66			0.4			84			2		
		VMP-47-20-012313-R	1/23/2013	<0.12	U		2.1			84			1.5		
		VMP-47-20-060513	6/5/2013	0.044	J		3.7			83			1.6		
		VMP-47-20-060513-Dup	6/5/2013	0.038	J		3.7			83			1.6		
	30 ft	VMP-47-30-012113	1/21/2013	<0.13	U		2.2			84			1.5		
		VMP-47-30-012313-R	1/23/2013	<0.12	U		4.9			82			1.4		
		VMP-47-30-060513	6/5/2013	<0.15	U		5.3			81			1.6		
VMP-48	5 ft	VMP-48-5-020113	2/1/2013	0.022	J		0.00023	J		79			21		
		VMP-48-5-050313	5/3/2013	<0.13	U		0.00032			81			18		
	10 ft	VMP-48-10-020113	2/1/2013	<0.13	U		0.000057	J		78			19		
		VMP-48-10-050813	5/8/2013	<0.15	U		0.00011	J		80			18		
	20 ft	VMP-48-20-020113	2/1/2013	<0.13	U		0.000044	J		78			18		
	30 ft	VMP-48-30-020113	2/1/2013	0.029	J		0.0017			87			1.6		
		VMP-48-30-020113-DUP	2/1/2013	0.025	J		0.0017			87			1.7		
		VMP-48-30-050313	5/3/2013	<0.12	U		0.0004			84			7.1		
VMP-49	5 ft	VMP-49-5-020113	2/1/2013	<0.13	U		<0.00027	U		79			20		
		VMP-49-5-050713	5/7/2013	<0.16	U		<0.00032	U		78			21		
	10 ft	VMP-49-10-020113	2/1/2013	<0.13	U		0.000051	J		79			20		
		VMP-49-10-050713	5/7/2013	0.029	J		0.00014	J		79			20		
		VMP-49-10-050713-Dup	5/7/2013	0.024	J		0.00014	J		79			20		
	20 ft	VMP-49-20-020113	2/1/2013	0.75			0.00015	J		79			20		
		VMP-49-20-050913	5/9/2013	0.087	J		0.00011	J		79			19		
	30 ft	VMP-49-30-020113	2/1/2013	0.02	J		0.069			84			4.4		
		VMP-49-30-050813	5/8/2013	<0.16	U		0.03			85			8.1		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-50	5 ft	VMP-50-5-020113	2/1/2013	0.85			0.85			<0.13	U		<0.0025	U		<0.0025	U	
		VMP-50-5-050713	5/7/2013	1.9			1.9			<0.028	U		<0.0028	U		<0.0028	U	
	10 ft	VMP-50-10-020113	2/1/2013	4			4			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-50-10-050713	5/7/2013	2.6			2.6			<0.03	U		<0.003	U		<0.003	U	
	20 ft	VMP-50-20-020113	2/1/2013	0.39			0.39			<0.13	U		<0.0027	U		<0.0027	U	
		VMP-50-20-050713	5/7/2013	9.2			9.2			<0.031	U		<0.0031	U		<0.0031	U	
	30 ft	VMP-50-30-020113	2/1/2013	8			8			<0.13	U		0.000056	J		0.000051	J	
		VMP-50-30-050713	5/7/2013	3.8			3.8			<0.031	U		<0.0031	U		<0.0031	U	
VMP-51	5 ft	VMP-51-5-020113	2/1/2013	0.33			0.33			<0.14	U		<0.0027	U		<0.0027	U	
		VMP-51-5-050213	5/2/2013	0.96			0.96			<0.025	U		<0.0025	U		<0.0025	U	
	10 ft	VMP-51-10-020113	2/1/2013	0.72			0.72			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-51-10-050213	5/2/2013	1			1			<0.029	U		<0.0029	U		<0.0029	U	
	20 ft	VMP-51-20-021513-R	2/15/2013	2.9			2.9			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-51-20-050213	5/2/2013	1.5			1.5			<0.028	U		<0.0028	U		<0.0028	U	
	30 ft	VMP-51-30-020413	2/4/2013	4			4			<0.14	U		<0.0029	U		<0.0029	U	
		VMP-51-30-020413-DUP	2/4/2013	3.9			3.9			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-51-30-050213	5/2/2013	2.5			2.5			<0.029	U		<0.0029	U		<0.0029	U	
VMP-52	5 ft	VMP-52-5-020413	2/4/2013	0.98			0.98			<0.13	U		<0.0025	U		<0.0025	U	
		VMP-52-5-050213	5/2/2013	1.9			1.9			<0.03	U		<0.003	U		<0.003	U	
		VMP-52-5-050213-Dup	5/2/2013	1.8			1.8			<0.028	U		<0.0028	U		<0.0028	U	
	10 ft	VMP-52-10-020413	2/4/2013	2.6			2.6			<0.12	U		<0.0024	U		<0.0024	U	
		VMP-52-10-051613	5/16/2013	3.2			3.2			<0.029	U		<0.0029	U		<0.0029	U	
	20 ft	VMP-52-20-020413	2/4/2013	6			6			<0.13	U		<0.0027	U		<0.0027	U	
		VMP-52-20-020413-DUP	2/4/2013	6.1			6.1			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-52-20-050213	5/2/2013	3.9			3.9			<0.03	U		<0.003	U		<0.003	U	
	30 ft	VMP-52-30-020413	2/4/2013	7			7			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-52-30-050613	5/6/2013	4.9			4.9			<0.028	U		<0.0028	U		<0.0028	U	
VMP-53	5 ft	VMP-53-5-020513	2/5/2013	0.49			0.49			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-53-5-050213	5/2/2013	0.79			0.79			<0.031	U		<0.0031	U		<0.0031	U	
		VMP-53-5-071113-R	7/11/2013	2.4			2.4			<0.04	U		<0.004	U		<0.004	U	
	10 ft	VMP-53-10-020513	2/5/2013	0.59			0.59			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-53-10-020513-DUP	2/5/2013	0.58			0.58			<0.12	U		<0.0025	U		<0.0025	U	
		VMP-53-10-050313	5/3/2013	0.61			0.61			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-53-10-071113-R	7/11/2013	1.9			1.9			<0.031	U		<0.0031	U		<0.0031	U	
	20 ft	VMP-53-20-020513	2/5/2013	1.8			1.8			<0.13	U		<0.0026	U		<0.0026	U	
		VMP-53-20-050313	5/3/2013	0.93			0.93			<0.036	U		<0.0036	U		<0.0036	U	
		VMP-53-20-071113-R	7/11/2013	2.1			2.1			<0.032	U		<0.0032	U		<0.0032	U	
	30 ft	VMP-53-30-020513	2/5/2013	3.5			3.5			<0.13	U		<0.0027	U		<0.0027	U	
		VMP-53-30-050313	5/3/2013	2.6			2.6			<0.028	U		<0.0028	U		<0.0028	U	
		VMP-53-30-071113-R	7/11/2013	2.8			2.8			<0.033	U		<0.0033	U		<0.0033	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-50	5 ft	VMP-50-5-020113	2/1/2013	<0.13	U		0.00023	J		79			20		
		VMP-50-5-050713	5/7/2013	<0.14	U		0.00018	J		80			18		
	10 ft	VMP-50-10-020113	2/1/2013	<0.14	U		0.000044	J		80			16		
		VMP-50-10-050713	5/7/2013	<0.15	U		0.00019	J		79			18		
	20 ft	VMP-50-20-020113	2/1/2013	0.03	J		0.00037			80			20		
		VMP-50-20-050713	5/7/2013	0.85			0.0018			76			14		
	30 ft	VMP-50-30-020113	2/1/2013	<0.13	U		0.56			77			14		
		VMP-50-30-050713	5/7/2013	<0.15	U		0.055			78			18		
VMP-51	5 ft	VMP-51-5-020113	2/1/2013	<0.14	U		0.000057	J		80			20		
		VMP-51-5-050213	5/2/2013	<0.13	U		0.00039			78			21		
	10 ft	VMP-51-10-020113	2/1/2013	<0.14	U		<0.00028	U		79			20		
		VMP-51-10-050213	5/2/2013	<0.14	U		<0.00029	U		79			20		
	20 ft	VMP-51-20-021513-R	2/15/2013	<0.13	U		<0.00026	U		78			19		
		VMP-51-20-050213	5/2/2013	<0.14	U		<0.00028	U		78			21		
	30 ft	VMP-51-30-020413	2/4/2013	0.036	J		0.000024	J		78			18		
		VMP-51-30-020413-DUP	2/4/2013	0.034	J		0.000028	J		78			18		
		VMP-51-30-050213	5/2/2013	<0.14	U		<0.00029	U		78			20		
VMP-52	5 ft	VMP-52-5-020413	2/4/2013	<0.13	U		0.00031			81			18		
		VMP-52-5-050213	5/2/2013	<0.15	U		<0.0003	U		82			16		
		VMP-52-5-050213-Dup	5/2/2013	0.012	J		0.00014	J		82			16		
	10 ft	VMP-52-10-020413	2/4/2013	<0.12	U		0.00068			82			15		
		VMP-52-10-051613	5/16/2013	<0.14	U		0.00013	J		81			16		
	20 ft	VMP-52-20-020413	2/4/2013	0.031	J		0.00073			81			13		
		VMP-52-20-020413-DUP	2/4/2013	0.036	J		0.00074			81			13		
		VMP-52-20-050213	5/2/2013	<0.15	U		<0.0003	U		78			18		
	30 ft	VMP-52-30-020413	2/4/2013	<0.14	U		0.0014			81			12		
		VMP-52-30-050613	5/6/2013	<0.14	U		0.00011	J		78			17		
VMP-53	5 ft	VMP-53-5-020513	2/5/2013	<0.13	U		0.000073	J		78			21		
		VMP-53-5-050213	5/2/2013	<0.15	U		<0.00031	U		78			21		
		VMP-53-5-071113-R	7/11/2013	<0.2	U		<0.0004	U		79			19		
	10 ft	VMP-53-10-020513	2/5/2013	0.027	J		0.000018	J		78			21		
		VMP-53-10-020513-DUP	2/5/2013	0.019	J		0.00002	J		78			21		
		VMP-53-10-050313	5/3/2013	<0.14	U		0.00082			77			22		
		VMP-53-10-071113-R	7/11/2013	<0.15	U		<0.00031	U		78			20		
	20 ft	VMP-53-20-020513	2/5/2013	<0.13	U		0.000029	J		78			20		
		VMP-53-20-050313	5/3/2013	0.44			<0.00036	U		77			22		
		VMP-53-20-071113-R	7/11/2013	<0.16	U		<0.00032	U		79			19		
	30 ft	VMP-53-30-020513	2/5/2013	0.026	J		0.000043	J		78			19		
		VMP-53-30-050313	5/3/2013	<0.14	U		<0.00028	U		77			20		
		VMP-53-30-071113-R	7/11/2013	<0.16	U		<0.00033	U		79			18		

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-54	5 ft	VMP-54-5-020613	2/6/2013	1.7			1.7			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-54-5-050213	5/2/2013	2.4			2.4			<0.025	U		<0.0025	U		<0.0025	U	
	10 ft	VMP-54-10-020613	2/6/2013	3.2			3.2			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-54-10-050213	5/2/2013	2.8			2.8			<0.03	U		<0.003	U		<0.003	U	
	20 ft	VMP-54-20-020613	2/6/2013	4.7			4.7			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-54-20-020613-DUP	2/6/2013	4.6			4.6			<0.14	U		<0.0028	U		<0.0028	U	
		VMP-54-20-050213	5/2/2013	3			3			<0.027	U		<0.0027	U		<0.0027	U	
	30 ft	VMP-54-30-020613	2/6/2013	5.3			5.3			<0.15	U		<0.003	U		<0.003	U	
		VMP-54-30-020613-DUP	2/6/2013	5.4			5.4			<0.15	U		<0.003	U		<0.003	U	
		VMP-54-30-050213	5/2/2013	3.7			3.7			<0.029	U		<0.0029	U		<0.0029	U	
		VMP-54-30-050213-Dup	5/2/2013	3.8			3.8			<0.029	U		<0.0029	U		<0.0029	U	
VMP-55	20 ft	VMP-55-20-021513	2/15/2013	16			16			<0.14	U		0.0046			<0.0028	U	
		VMP-55-20-050113	5/1/2013	19			19			<0.029	U		0.012			<0.0029	U	
VMP-301	5 ft	VMP-301-5	10/26/2009	4			4			<0.026	U		<0.0026	U		<0.0026	U	
	38.5 ft	VMP-301-38.5	10/26/2009	5.6			5.6			<0.025	U		0.013			<0.0025	U	
VMP-401	5 ft	VMP-401-5	10/29/2009	4.6			4.6			<0.026	U		<0.0026	U		<0.0026	U	
	38.5 ft	VMP-401-38.5	10/29/2009	5.8			5.8			<0.023	U		0.013			<0.0023	U	

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TABLE 7
CUMULATIVE SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Helium			Methane			Nitrogen			Oxygen		
				Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals	Result %	Lab Quals	URS Quals
VMP-54	5 ft	VMP-54-5-020613	2/6/2013	<0.14	U		0.00011	J		79			19		
		VMP-54-5-050213	5/2/2013	<0.13	U		<0.00025	U		80			18		
	10 ft	VMP-54-10-020613	2/6/2013	<0.14	U		<0.00028	U		79			18		
		VMP-54-10-050213	5/2/2013	<0.15	U		<0.0003	U		78			19		
	20 ft	VMP-54-20-020613	2/6/2013	0.039	J		<0.00028	U		80			15		
		VMP-54-20-020613-DUP	2/6/2013	0.035	J		0.000022	J		80			15		
		VMP-54-20-050213	5/2/2013	<0.14	U		<0.00027	U		77			20		
	30 ft	VMP-54-30-020613	2/6/2013	0.032	J		0.000042	J		81			14		
		VMP-54-30-020613-DUP	2/6/2013	0.028	J		0.000051	J		81			14		
		VMP-54-30-050213	5/2/2013	0.03	J		<0.00029	U		79			17		
		VMP-54-30-050213-Dup	5/2/2013	0.029			<0.00029	U		79			17		
VMP-55	20 ft	VMP-55-20-021513	2/15/2013	0.17			11			69			3.2		
		VMP-55-20-050113	5/1/2013	<0.14	U		20			58			1.6		
VMP-301	5 ft	VMP-301-5	10/26/2009	<0.13	U		<0.00026	U		80			16		
	38.5 ft	VMP-301-38.5	10/26/2009	<0.12	U		31			56			1.8		
VMP-401	5 ft	VMP-401-5	10/29/2009	<0.13	U		1.8			81			12		
	38.5 ft	VMP-401-38.5	10/29/2009	0.17			30			57			1.9		

Notes
Lab Qualifiers
J = Estimated value; results between the MDL and RL
U = Compound analyzed for but not detected above the RL
URS Qualifiers
J = Estimated detection
UJ = Estimated non-detect
U = Non-detect due to blank contamination

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
TEDLAR SAMPLE DATA FOR VMP-1 AND VMP-47

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Gauging Information			Fixed Gases				Soil Vapor Concentrations				Comment(s)
			Initial Reading (Inches of H2O)	Depth to Product (FT BTOC)	Depth to Water (FT BTOC)	Depth to Top of Screen (FT BTOC)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-47-5	1/19/2013	936	0.02	NM	NM	NM	OVR	OVR	11.5	0.7	110	74,600	47,800	26,800.0	
VMP-47-5	1/21/2013	1010	-0.03	NM	NM	NM	0.0	0.0	6.7	12.1	1.6	3.7	0.0	3.7	
VMP-47-5	1/22/2013	915	-0.16	NM	NM	NM	0.0	0.0	7.2	12.8	0.60	2.1	0.0	2.1	
VMP-47-5	1/22/2013	1616	-0.74	NM	NM	NM	0.0	0.0	10.6	2.5	14	100	25.0	75.0	
VMP-47-5	1/23/2013	757	-1.38	NM	NM	NM	43.5	OVR	12.0	0.7	94	37,600	24,400	13,200.0	
VMP-47-5	1/23/2013	1235	-0.07	NM	NM	NM	69.9	OVR	11.4	2.1	79	62,400	41,600	20,800.0	
VMP-47-5	1/24/2013	850	-1.20	NM	NM	NM	0.0	0.0	5.8	14.3	5.6	22.5	0.0	22.5	
VMP-47-5	1/24/2013	1615	-0.19	NM	NM	NM	0.1	2.0	9.7	4.0	39.9	400	45.2	355	
VMP-47-5	1/25/2013	858	-0.71	NM	NM	NM	87.4	OVR	11.7	0.7	102	55,500	35,000	20,500	
VMP-47-5	1/25/2013	1530	-0.62	NM	NM	NM	OVR	OVR	12.1	0.8	100	70,000	44,400	25,600	
VMP-47-5	1/28/2013	836	0.02	NM	NM	NM	OVR	OVR	10.6	3.4	130	57,900	33,800	24,100	
VMP-47-5	1/28/2013	1625	0.06	NM	NM	NM	OVR	OVR	11.5	0.7	92	82,500	62,700	19,800	
VMP-47-5	1/29/2013	925	0.08	NM	NM	NM	OVR	OVR	10.6	1.9	105	100,000	50,500	49,500	
VMP-47-5	1/29/2013	1444	0.22	NM	NM	NM	OVR	OVR	10.7	1.0	102	108,000	63,700	44,300	
VMP-47-5	1/30/2013	940	-0.14	NM	NM	NM	OVR	OVR	11.0	0.8	113	100,000	57,800	42,200	
VMP-47-5	1/30/2013	1530	-0.23	NM	NM	NM	46.2	OVR	6.0	12.0	123	35,200	18,600	16,600	
VMP-47-5	1/31/2013	910	-0.13	NM	NM	NM	0.0	0.0	6.4	12.2	25.9	71.2	0.0	71.2	
VMP-47-5	1/31/2013	1559	-0.36	NM	NM	NM	0.0	0.0	5.4	14.6	8.8	38.1	0.0	38.1	
VMP-47-5	2/1/2013	940	-0.49	NM	NM	NM	0.0	0.0	4.0	16.8	1.1	4.9	0.0	4.9	
VMP-47-5	2/1/2013	1610	-0.02	NM	NM	NM	0.0	0.0	7.9	7.1	8.3	71.5	0.0	71.5	
VMP-47-5	2/4/2013	925	-0.30	NM	NM	NM	OVR	OVR	10.0	0.7	100	76,100	48,200	27,900	
VMP-47-5	2/4/2013	1605	-0.43	NM	NM	NM	OVR	OVR	11.0	0.6	94	60,000	43,500	16,500	
VMP-47-5	2/5/2013	900	-0.62	NM	NM	NM	0.0	0.0	7.8	8.6	24.9	121	0.0	121.0	
VMP-47-5	2/5/2013	1546	-0.49	NM	NM	NM	32.9	OVR	11.2	0.9	83.1	22,000	14,800	7,200	
VMP-47-5	2/6/2013	915	-0.56	NM	NM	NM	0.0	0.0	2.8	17.0	2.0	11.9	0.0	11.9	
VMP-47-5	2/6/2013	1627	-0.46	NM	NM	NM	0.1	3.0	9.6	4.3	25.3	320	89	231.1	
VMP-47-5	2/7/2013	950	-0.43	NM	NM	NM	47.0	OVR	11.6	0.8	66.4	38,200	27,600	10,600	
VMP-47-5	2/7/2013	1444	-0.70	NM	NM	NM	78.2	OVR	11.5	0.9	71.4	46,400	33,100	13,300	
VMP-47-5	2/8/2013	940	0.14	NM	NM	NM	0.0	0.0	3.0	17.5	13.0	75.4	0.0	75.4	
VMP-47-5	2/8/2013	1545	-0.29	NM	NM	NM	0.0	0.0	3.3	17.0	5.9	35.4	0.0	35.4	
VMP-47-5	2/11/2013	940	-1.05	NM	NM	NM	0.4	9.0	10.5	5.5	70.8	670	97.0	573.0	
VMP-47-5	2/11/2013	1540	-0.50	NM	NM	NM	0.1	2.0	4.7	14.7	29.9	155	0.0	155.0	
VMP-47-5	2/12/2013	941	-0.67	NM	NM	NM	0.0	0.0	4.9	14.6	2.8	10.2	0.0	10.2	
VMP-47-5	2/12/2013	1545	-0.10	NM	NM	NM	5.0	OVR	12.0	0.5	64.0	6,450	5,400	1,050	
VMP-47-5	2/13/2013	1020	-0.10	NM	NM	NM	51.1	OVR	12.0	0.6	80.6	32,600	19,000	13,600	
VMP-47-5	2/13/2013	1535	-0.10	NM	NM	NM	87.7	OVR	11.8	0.6	77.9	49,300	35,200	14,100	
VMP-47-5	3/21/2013	1234	0.02	NM	NM	NM	0.0	0.0	10.9	3.6	10.9	152	0.0	152	
VMP-47-5	4/24/2013	1535	-0.07	NM	NM	NM	0.0	0.0	10.8	6.3	34.14	118.5	27.5	91	
VMP-47-5	6/5/2013	847	NM	NM	NM	NM	59.8	OVR	11.9	1.0	59.9	57,300	45,900	11,400	
VMP-47-5	6/19/2013	1444	0.08	NM	NM	NM	1.5	30	12.8	1.1	92.0	4,740	3,820	920	
VMP-47-5	6/25/2013	1011	-0.03	NM	NM	NM	OVR	OVR	10.2	0.6	120.0	115,000	76,300.0	38,700	

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TABLE 8
TEDLAR SAMPLE DATA FOR VMP-1 AND VMP-47

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Gauging Information			Fixed Gases				Soil Vapor Concentrations				Comment(s)
			Initial Reading (Inches of H2O)	Depth to Product (FT BTOC)	Depth to Water (FT BTOC)	Depth to Top of Screen (FT BTOC)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-47-10	1/19/2013	937	0.01	NM	NM	NM	18.7	OVR	12.5	0.7	125	16,400	10,000	6,400	
VMP-47-10	1/21/2013	1015	-0.02	NM	NM	NM	0.0	0.0	11.8	4.2	1.2	1.4	0.0	1.4	
VMP-47-10	1/22/2013	916	-0.15	NM	NM	NM	0.0	0.0	11.7	5.7	0.4	1.7	0.0	1.7	
VMP-47-10	1/22/2013	1617	-0.74	NM	NM	NM	0.0	0.0	11.5	5.7	0.4	1.3	0.0	1.3	
VMP-47-10	1/23/2013	802	-0.84	NM	NM	NM	0.0	0.0	11.6	3.9	3.2	50.5	0.0	50.5	
VMP-47-10	1/23/2013	1240	0.07	NM	NM	NM	0.4	8.0	12.7	2.0	36.4	1,100	550	550	
VMP-47-10	1/24/2013	855	-1.10	NM	NM	NM	0.0	0.0	12.1	4.4	5.3	29.6	0.0	29.6	
VMP-47-10	1/24/2013	1616	-0.03	NM	NM	NM	0.0	0.0	11.1	6.6	4.6	53.5	0.0	53.5	
VMP-47-10	1/25/2013	859	-0.52	NM	NM	NM	3.5	71.0	12.4	1.3	95.5	5,600	4,200	1,400	
VMP-47-10	1/25/2013	1531	-0.44	NM	NM	NM	7.8	OVR	13.3	0.5	120	8,300	4,600	3,700	
VMP-47-10	1/28/2013	837	-0.04	NM	NM	NM	16.6	OVR	13.3	0.4	130	14,500	8,400	6,100	
VMP-47-10	1/28/2013	1626	0.04	NM	NM	NM	46.0	OVR	12.5	0.8	127	24,400	11,400	13,000	
VMP-47-10	1/29/2013	926	0.06	NM	NM	NM	84.1	OVR	12.0	0.9	140	38,200	19,800	18,400	
VMP-47-10	1/29/2013	1445	0.16	NM	NM	NM	OVR	OVR	11.1	0.9	113	95,900	52,700	43,200	
VMP-47-10	1/30/2013	945	-0.12	NM	NM	NM	OVR	OVR	12.3	0.7	133	50,000	26,200	23,800	
VMP-47-10	1/30/2013	1531	-0.48	NM	NM	NM	66.0	OVR	12.1	1.1	125	38,500	21,000	17,500	
VMP-47-10	1/31/2013	911	-0.33	NM	NM	NM	0.0	1.0	13.0	1.4	27.9	134	0.0	134	
VMP-47-10	1/31/2013	1600	-0.82	NM	NM	NM	0.0	0.0	13.2	1.6	3.6	34.9	0.0	34.9	
VMP-47-10	2/1/2013	941	-0.70	NM	NM	NM	0.0	0.0	12.0	4.8	0.8	1.5	0.0	1.5	
VMP-47-10	2/1/2013	1611	0.01	NM	NM	NM	0.0	0.0	11.0	6.4	0.6	7.2	0.0	7.2	
VMP-47-10	2/4/2013	926	0.03	NM	NM	NM	30.7	OVR	12.1	0.6	118	23,600	14,700	8,900	
VMP-47-10	2/4/2013	1606	-0.05	NM	NM	NM	28.0	OVR	12.1	1.1	115	20,300	11,600	8,700	
VMP-47-10	2/5/2013	901	-0.47	NM	NM	NM	0.0	0.0	13.2	1.5	10.3	57.6	0.0	57.6	
VMP-47-10	2/5/2013	1547	-0.31	NM	NM	NM	0.0	0.0	12.5	1.4	6.8	75.9	0.0	75.9	
VMP-47-10	2/6/2013	916	-0.80	NM	NM	NM	0.0	0.0	12.5	3.7	1.2	14.3	0.0	14.3	
VMP-47-10	2/6/2013	1628	-0.33	NM	NM	NM	0.0	0.0	12.0	5.0	0.7	11.0	0.0	11.0	
VMP-47-10	2/7/2013	951	-0.44	NM	NM	NM	0.1	2.0	11.7	2.4	17.5	375	124	252	
VMP-47-10	2/7/2013	1445	-0.95	NM	NM	NM	5.8	OVR	12.3	0.9	81.9	6,600	3,500	3,100	
VMP-47-10	2/8/2013	941	-0.21	NM	NM	NM	0.0	0.0	12.7	4.3	8.6	14.0	0.0	14.0	
VMP-47-10	2/8/2013	1546	-0.03	NM	NM	NM	0.0	0.0	11.4	5.1	4.0	21.0	0.0	21.0	
VMP-47-10	2/11/2013	941	-0.80	NM	NM	NM	0.2	4.0	12.5	1.2	35.5	540	190	350	
VMP-47-10	2/11/2013	1541	-0.15	NM	NM	NM	0.0	0.0	12.5	1.9	23.2	110	0.0	110	
VMP-47-10	2/12/2013	942	-0.51	NM	NM	NM	0.0	0.0	12.3	3.7	1.8	2.7	0.0	2.7	
VMP-47-10	2/12/2013	1546	-0.05	NM	NM	NM	0.0	0.0	11.5	4.3	1.8	70.0	44.0	26.0	
VMP-47-10	2/13/2013	1021	0.12	NM	NM	NM	0.2	5.0	12.6	1.4	42.5	550	210	340	
VMP-47-10	2/13/2013	1536	-0.02	NM	NM	NM	8.5	OVR	12.7	0.8	89.4	7,300	4,000	3,300	
VMP-47-10	3/21/2013	1238	0.03	NM	NM	NM	0.0	0.0	10.9	5.4	2.8	96.9	0.0	96.9	
VMP-47-10	4/24/2013	1540	-0.05	NM	NM	NM	0.0	0.0	12.1	3.6	30.6	76.1	4.2	71.9	
VMP-47-10	6/5/2013	956	NM	NM	NM	NM	51.4	OVR	10.9	0.8	71.9	44,600	34,800	9,800	
VMP-47-10	6/19/2013	1450	0.09	NM	NM	NM	23.7	OVR	12.2	0.6	118.0	33,400	28,100	5,300	
VMP-47-10	6/25/2013	1012	-0.04	NM	NM	NM	88.1	OVR	11.0	0.8	150	68,600	44,900	23,700	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
TEDLAR SAMPLE DATA FOR VMP-1 AND VMP-47

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Gauging Information			Fixed Gases				Soil Vapor Concentrations				Comment(s)
			Initial Reading (Inches of H2O)	Depth to Product (FT BTOC)	Depth to Water (FT BTOC)	Depth to Top of Screen (FT BTOC)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-47-20	1/19/2013	938	0.11	NM	NM	NM	55.0	OVR	12.2	0.8	110	41,100	24,500	16,600	
VMP-47-20	1/21/2013	1025	-1.19	NM	NM	NM	1.4	28.0	12.6	1.2	84.5	1,850	860	990	
VMP-47-20	1/22/2013	917	-0.61	NM	NM	NM	0.1	3.0	11.8	3.3	22.0	236	10.0	226	
VMP-47-20	1/22/2013	1618	0.18	NM	NM	NM	2.5	50.0	12.5	0.9	93.9	3,000	745	2,255	
VMP-47-20	1/23/2013	807	-0.24	NM	NM	NM	33.5	OVR	12.4	0.7	100	27,200	16,800	10,400	
VMP-47-20	1/23/2013	1250	0.54	NM	NM	NM	43.0	OVR	12.6	0.8	92.9	34,700	21,500	13,200	
VMP-47-20	1/24/2013	900	-0.84	NM	NM	NM	0.1	2.0	11.4	4.9	19.1	255	121.0	134	
VMP-47-20	1/24/2013	1617	0.03	NM	NM	NM	1.4	28.0	11.7	2.0	82.2	1,200	65.5	1,135	
VMP-47-20	1/25/2013	900	-0.26	NM	NM	NM	47.6	OVR	12.6	0.5	116	31,800	19,300	12,500	
VMP-47-20	1/25/2013	1532	-0.28	NM	NM	NM	63.5	OVR	12.8	1.0	108	33,500	23,600	9,900	
VMP-47-20	1/28/2013	838	-0.11	NM	NM	NM	57.5	OVR	12.7	0.6	108	39,300	24,700	14,600	
VMP-47-20	1/28/2013	1627	0.14	NM	NM	NM	81.2	OVR	12.1	0.8	95.3	41,000	24,200	16,800	
VMP-47-20	1/29/2013	927	0.19	NM	NM	NM	87.0	OVR	12.0	0.8	110	48,300	26,400	21,900	
VMP-47-20	1/29/2013	1446	0.68	NM	NM	NM	OVR	OVR	12.0	1.0	110	59,000	33,400	25,600	
VMP-47-20	1/30/2013	950	-0.27	NM	NM	NM	79.2	OVR	12.7	0.5	124	41,700	24,300	17,400	
VMP-47-20	1/30/2013	1532	-0.74	NM	NM	NM	36.6	OVR	13.1	0.8	113	28,100	14,900	13,200	
VMP-47-20	1/31/2013	912	-0.40	NM	NM	NM	0.2	5.0	12.2	2.3	47.7	415	122.9	292	
VMP-47-20	1/31/2013	1601	-0.52	NM	NM	NM	0.2	5.0	12.5	2.5	33.6	395	131	265	
VMP-47-20	2/1/2013	942	-0.45	NM	NM	NM	0.0	0.0	10.4	6.2	5.2	57.5	0.0	57.5	
VMP-47-20	2/1/2013	1612	0.01	NM	NM	NM	0.4	8.0	10.0	3.2	37.2	525	0.0	525	
VMP-47-20	2/4/2013	927	-0.13	NM	NM	NM	64.8	OVR	11.8	0.6	116	37,200	22,800	14,400	
VMP-47-20	2/4/2013	1607	-0.35	NM	NM	NM	67.7	OVR	12.2	0.6	107	36,700	22,300	14,400	
VMP-47-20	2/5/2013	902	-0.31	NM	NM	NM	18.7	OVR	12.7	1.0	108	13,300	8,800	4,500	
VMP-47-20	2/5/2013	1548	-0.12	NM	NM	NM	36.8	OVR	12.1	0.4	90.3	24,300	15,400	8,900	
VMP-47-20	2/6/2013	917	-0.04	NM	NM	NM	0.0	0.0	11.0	4.6	11.0	122	19.5	102	
VMP-47-20	2/6/2013	1629	0.02	NM	NM	NM	0.2	5.0	11.9	1.9	51.8	750	0.0	750	
VMP-47-20	2/7/2013	952	0.26	NM	NM	NM	36.2	OVR	12.2	1.0	84.7	28,300	15,000	13,300	
VMP-47-20	2/7/2013	1446	-0.05	NM	NM	NM	48.1	OVR	12.3	0.6	88.7	21,600	16,100	5,500	
VMP-47-20	2/8/2013	942	-0.49	NM	NM	NM	0.0	1.0	12.0	5.3	20.0	228	155	72.7	
VMP-47-20	2/8/2013	1547	-0.26	NM	NM	NM	0.0	1.0	10.9	5.1	12.5	153	40.3	113	
VMP-47-20	2/11/2013	942	-0.52	NM	NM	NM	0.5	10.0	12.4	2.1	48.0	810	190	620	
VMP-47-20	2/11/2013	1542	-0.14	NM	NM	NM	0.2	5.0	12.0	2.7	29.5	363	0.0	363	
VMP-47-20	2/12/2013	943	0.09	NM	NM	NM	0.0	0.0	9.7	5.8	9.0	67.3	0.0	67.3	
VMP-47-20	2/12/2013	1547	0.41	NM	NM	NM	6.5	OVR	12.0	1.0	77.0	5,400	2,230	3,170	
VMP-47-20	2/13/2013	1022	0.03	NM	NM	NM	40.2	OVR	12.4	0.7	81.2	45,000	13,500	31,500	
VMP-47-20	2/13/2013	1537	-0.03	NM	NM	NM	50.9	OVR	12.5	0.6	89.6	29,700	15,600	14,100	
VMP-47-20	3/21/2013	1242	0.13	NM	NM	NM	4.1	80.0	12.2	1.0	57.8	4,800	3,250	1,550	
VMP-47-20	4/24/2013	1545	-0.18	NM	NM	NM	0.3	6.0	12.7	1.4	40.2	310.5	160	150.5	
VMP-47-20	6/5/2013	1044	NM	NM	NM	NM	65.1	OVR	10.4	1.2	73.3	52,600	40,000	12,600	
VMP-47-20	6/19/2013	1457	0.15	NM	NM	NM	35.4	OVR	11.3	0.6	100.0	51,000	42,000	9,000	
VMP-47-20	6/25/2013	1013	-0.08	NM	NM	NM	87.6	OVR	10.9	0.6	135.0	65,900	41,700	24,200	

TABLE 8
TEDLAR SAMPLE DATA FOR VMP-1 AND VMP-47

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Gauging Information			Fixed Gases				Soil Vapor Concentrations				Comment(s)
			Initial Reading (Inches of H2O)	Depth to Product (FT BTOC)	Depth to Water (FT BTOC)	Depth to Top of Screen (FT BTOC)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-47-30	1/19/2013	939	0.03	NM	NM	NM	OVR	OVR	11.0	0.8	96.5	93,300	61,400	31,900	
VMP-47-30	1/21/2013	1020	-1.25	NM	NM	NM	2.2	44.0	12.1	0.7	62.3	8,400	5,800	2,600	
VMP-47-30	1/22/2013	918	-0.62	NM	NM	NM	0.0	0.0	4.3	15.9	0.4	1.2	0.00	1.2	
VMP-47-30	1/22/2013	1619	0.15	NM	NM	NM	3.9	79.0	12.2	0.7	52.8	13,700	10,400	3,300	
VMP-47-30	1/23/2013	800	-0.08	NM	NM	NM	56.8	OVR	11.8	0.6	75.5	58,800	40,700	18,100	
VMP-47-30	1/23/2013	1300	0.31	NM	NM	NM	82.0	OVR	12.1	0.9	73.9	77,000	52,500	24,500	
VMP-47-30	1/24/2013	905	-0.55	NM	NM	NM	0.0	0.0	7.7	10.6	10.5	110	48.7	61.3	
VMP-47-30	1/24/2013	1618	0.10	NM	NM	NM	0.2	5.0	11.2	1.8	43.0	380	167	213	
VMP-47-30	1/25/2013	901	-0.24	NM	NM	NM	OVR	OVR	11.4	0.8	93.8	74,700	49,500	25,200	
VMP-47-30	1/25/2013	1533	-0.11	NM	NM	NM	OVR	OVR	11.9	0.5	90.1	94,800	59,700	35,100	
VMP-47-30	1/28/2013	839	-0.15	NM	NM	NM	OVR	OVR	0.3	11.4	112	100,000	60,300	39,700	
VMP-47-30	1/28/2013	1628	0.20	NM	NM	NM	OVR	OVR	11.0	1.0	83.6	110,000	68,800	41,200	
VMP-47-30	1/29/2013	928	0.27	NM	NM	NM	OVR	OVR	10.5	0.8	99.0	120,000	66,500	53,500	
VMP-47-30	1/29/2013	1447	1.00	NM	NM	NM	OVR	OVR	10.4	0.8	93.2	123,000	76,100	46,900	
VMP-47-30	1/30/2013	955	-0.61	NM	NM	NM	OVR	OVR	10.5	1.0	110	130,000	68,700	61,300	
VMP-47-30	1/30/2013	1533	-0.92	NM	NM	NM	OVR	OVR	11.1	1.2	135	67,100	37,400	29,700	
VMP-47-30	1/31/2013	913	-0.52	NM	NM	NM	0.2	4.0	8.8	7.8	56.7	243	0.0	243	
VMP-47-30	1/31/2013	1602	-0.67	NM	NM	NM	0.0	1.0	8.9	7.9	22.6	136	0.0	136	
VMP-47-30	2/1/2013	943	-0.45	NM	NM	NM	0.0	0.0	6.2	13.1	2.3	14.5	0.0	14.5	
VMP-47-30	2/1/2013	1613	0.09	NM	NM	NM	0.0	0.0	7.9	7.2	6.4	45.0	0.0	45.0	
VMP-47-30	2/4/2013	928	0.22	NM	NM	NM	OVR	OVR	10.5	0.7	89.1	88,000	56,500	31,500	
VMP-47-30	2/4/2013	1608	-0.15	NM	NM	NM	OVR	OVR	10.6	1.3	87.4	75,400	44,400	31,000	
VMP-47-30	2/5/2013	903	-0.35	NM	NM	NM	16.0	OVR	12.0	1.0	75.7	26,000	20,000	6,000	
VMP-47-30	2/5/2013	1549	-0.10	NM	NM	NM	58.6	OVR	11.2	0.7	68.1	41,900	32,600	9,300	
VMP-47-30	2/6/2013	918	-0.31	NM	NM	NM	0.0	1.0	7.2	10.4	9.0	198	91.5	107	
VMP-47-30	2/6/2013	1630	0.28	NM	NM	NM	0.1	3.0	11.0	2.2	27.7	215	0.0	215	
VMP-47-30	2/7/2013	953	0.16	NM	NM	NM	47.5	OVR	11.5	0.7	54.1	57,900	24,500	33,400	
VMP-47-30	2/7/2013	1447	-0.13	NM	NM	NM	80.4	OVR	11.3	0.6	61.9	63,600	42,300	21,300	
VMP-47-30	2/8/2013	943	-0.69	NM	NM	NM	0.0	1.0	6.7	12.8	13.5	79.0	5.9	73.1	
VMP-47-30	2/8/2013	1548	-0.36	NM	NM	NM	0.0	0.0	6.9	11.5	5.2	12.6	0.0	12.6	
VMP-47-30	2/11/2013	943	-0.69	NM	NM	NM	0.4	9.0	10.1	5.6	68.2	565	131	434	
VMP-47-30	2/11/2013	1543	-0.22	NM	NM	NM	0.0	1.0	9.1	8.0	28.4	162	0.0	162	
VMP-47-30	2/12/2013	944	0.10	NM	NM	NM	0.0	0.0	9.6	5.9	9.7	67.5	0.0	67.5	
VMP-47-30	2/12/2013	1548	0.39	NM	NM	NM	3.4	67.0	12.4	0.3	38.0	10,550	7,150	3,400	
VMP-47-30	2/13/2013	1023	0.17	NM	NM	NM	71.9	OVR	11.8	0.5	64.7	58,400	35,300	23,100	
VMP-47-30	2/13/2013	1538	0.14	NM	NM	NM	OVR	OVR	11.6	0.6	69.5	63,300	44,000	19,300	
VMP-47-30	3/21/2013	1246	0.18	NM	NM	NM	4.9	99.0	12.2	0.8	37.5	12,200	10,200	2,000	
VMP-47-30	4/24/2013	1550	-0.23	NM	NM	NM	0.0	1.0	11.1	5.0	36.8	146	44.2	101.8	
VMP-47-30	6/5/2013	1144	NM	NM	NM	NM	81.1	OVR	9.8	0.9	69.2	79,000	59,100	19,900	
VMP-47-30	6/19/2013	1502	0.20	NM	NM	NM	15.9	OVR	11.8	0.6	90.0	35,100	29,800	5,300	
VMP-47-30	6/25/2013	1014	-0.09	NM	NM	NM	OVR	OVR	9.5	0.6	115.0	130,000	84,100	45,900	

Notes:
1) NM = Not Measured, PID - Photo Ionization Detector; THC = Total Hydrocarbon Concentration; PHC = Petroleum Hydrocarbon Concentration;
OVR = Over-range; ppmv = Parts Per Million By Volume.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Air Flow	Groundwater	Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Pitot Tube Pressure (Inches of H_20)	Depth to Water (feet)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
SVE-3	2/1/2012	1547	NA	NA	NA	0.3	6.0	1.8	18.7	52.3	251	55.4	195	
SVE-3	2/2/2012	848	NA	NA	NA	0.0	1.0	1.5	18.9	22.2	115	4.3	111	
SVE-3	2/7/2012	1404	-0.88	NA	NA	0.0	0.0	1.6	19.2	12.0	67.7	8.9	58.8	
SVE-3	2/15/2012	1357	-2.50	NA	NA	0.2	4.0	1.4	19.0	61.9	340	4.0	336	
SVE-3	2/17/2012	1026	-2.66	NA	NA	0.0	0.0	1.4	19.8	23.1	65.3	8.0	57.3	
SVE-3	2/22/2012	1615	-2.43	NA	NA	0.0	0.0	1.8	19.0	8.0	28.3	11.6	16.7	
SVE-3	2/29/2012	827	-1.86	NA	NA	0.0	0.0	2.0	18.6	19.5	136	16.4	120	
SVE-3	3/21/2012	1416	-1.15	NA	NA	0.0	0.0	1.6	18.4	0.5	0.0	0.0	0.0	
SVE-3	4/18/2012	1545	-2.26	NA	NA	0.0	0.0	2.3	17.3	3.5	46.0	20.0	26.0	
SVE-3	5/16/2012	1513	-3.08	NA	NA	0.0	0.0	2.1	18.5	1.0	0.0	0.0	0.0	
SVE-3	6/20/2012	1413	-0.68	0.00	NE	0.0	0.0	0.1	20.8	7.5	5.6	0.0	5.6	Vacuum would not stabilize during sampling. Highest value observed is listed.
SVE-3	7/18/2012	1104	-2.72	0.24	NE	0.0	0.0	1.4	19.0	0.7	4.7	0.0	4.7	
SVE-3	8/15/2012	1440	-2.78	NA	NA	0.0	0.0	1.8	18.7	0.9	3.5	0.0	3.5	Water present in SVE vault.
SVE-3	9/19/2012	813	-4.57	NA	NE	0.0	0.0	1.4	19.3	0.8	1.2	0.0	1.2	
SVE-3	10/17/2012	1434	-0.49	0.00	NE	0.0	0.0	0.7	19.8	0.4	1.1	0.0	1.1	Water present in SVE vault.
SVE-3	11/20/2012	1210	-1.19	NA	NE	0.0	0.0	0.5	20.4	13.0	31.9	3.4	28.5	Vacuum would not stabilize during sampling. Highest value observed is listed.
SVE-3	12/19/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well. Could not access.
SVE-3	1/16/2013	1339	-0.55	NM	NE	0.0	0.0	0.2	20.7	4.5	45.4	11.2	34.2	
SVE-3	2/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-3	3/20/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-3	4/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-3	5/22/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-3	6/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-4	2/1/2012	1535	NA	NA	NA	0.0	0.0	1.4	19.7	1.3	7.1	0.0	7.1	
SVE-4	2/2/2012	912	NA	NA	NA	0.0	0.0	0.9	20.0	6.0	4.1	0.0	4.1	
SVE-4	2/7/2012	1414	-2.46	NA	NA	0.0	0.0	1.3	20.0	0.2	0.8	0.0	0.8	
SVE-4	2/15/2012	1349	-5.25	NA	NA	0.0	0.0	1.1	19.9	4.9	10.7	0.0	10.7	
SVE-4	2/17/2012	1022	-2.67	NA	NA	0.0	0.0	1.2	20.2	0.8	5.8	5.8	0.0	
SVE-4	2/22/2012	1645	-2.48	NA	NA	0.0	0.0	1.2	20.9	0.7	3.0	0.0	3.0	
SVE-4	2/29/2012	816	-1.96	NA	NA	0.0	0.0	1.0	20.4	2.4	29.8	8.4	21.3	
SVE-4	3/21/2012	1405	-1.16	NA	NA	0.0	0.0	0.9	19.5	0.3	0.0	0.0	0.0	
SVE-4	4/18/2012	1545	-2.26	NA	NA	0.0	0.0	1.4	18.8	3.0	6.3	0.0	6.3	
SVE-4	5/16/2012	1524	-3.06	NA	NA	0.0	0.0	1.5	19.0	1.0	0.0	0.0	0.0	
SVE-4	6/20/2012	1359	-1.16	0.00	NE	0.0	0.0	1.7	18.6	0.4	3.0	0.0	3.0	Vacuum would not stabilize during sampling. Highest value observed is listed.
SVE-4	7/18/2012	1124	-2.64	0.02	NE	0.0	0.0	1.2	19.2	0.9	4.2	0.0	4.2	
SVE-4	8/15/2012	1455	-2.78	0.00	NA	0.0	0.0	1.3	19.7	0.8	3.0	0.0	3.0	
SVE-4	9/19/2012	825	-4.59	0.00	NE	0.0	0.0	1.3	19.6	0.5	0.7	0.0	0.7	
SVE-4	10/17/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well. Could not access.
SVE-4	11/20/2012	1206	-0.52	NA	NE	0.0	0.0	0.9	20.0	0.7	2.4	0.0	2.4	
SVE-4	12/19/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well. Could not access.
SVE-4	1/16/2013	1328	-2.29	NM	13.78	0.0	0.0	0.7	20.2	0.2	0.4	0.0	0.4	
SVE-4	2/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-4	3/20/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Air Flow	Groundwater	Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Pitot Tube Pressure (Inches of H_20)	Depth to Water (feet)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
SVE-4	4/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-4	5/22/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-4	6/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-5	2/15/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	
SVE-5	2/16/2012	1429	-2.77	NA	NA	84.2	OVR	7.7	2.2	122	92000	64410	27590	
SVE-5	2/17/2012	917	-2.71	NA	NA	82.8	OVR	7.2	3.2	128	100000	71200	28800	
SVE-5	2/22/2012	922	-2.40	NA	NA	OVR	OVR	7.5	2.7	125	103000	69930	33070	
SVE-5	2/29/2012	828	-2.56	NA	NA	OVR	OVR	7.8	2.9	122	74380	54070	20310	
SVE-5	3/21/2012	815	-1.49	NA	NA	65.4	OVR	7.4	4.5	122	87300	57500	29800	
SVE-5	4/18/2012	852	-2.60	0.04	18.79	87.3	OVR	7.3	5.2	112	62000	42600	19400	
SVE-5	5/16/2012	1450	-2.33	NA	NA	85.3	OVR	6.7	5.2	111	32500	24700	7800	
SVE-5	6/20/2012	640	-2.89	0.00	18.82	OVR	OVR	7.5	7.2	94.0	50900	36300	14600	
SVE-5	7/18/2012	550	-3.04	0.00	17.77	84.4	OVR	6.6	8.8	91.6	49300	28100	21200	
SVE-5	8/15/2012	1346	-3.03	0.00	NA	OVR	OVR	7.6	8.4	123	48000	26550	21450	
SVE-5	9/19/2012	1135	-5.22	NA	19.78	80.2	OVR	7.1	9.9	131	29600	18900	10700	
SVE-5	10/17/2012	1004	-5.61	0.00	18.77	80.0	OVR	6.5	10.5	113	41800	21200	20600	
SVE-5	11/20/2012	849	-4.87	0.00	18.79	54.7	OVR	6.1	11.6	162	31700	18200	13500	
SVE-5	12/19/2012	930	-3.00	NA	18.77	33.8	OVR	6.2	11.5	181	18900	10700	8200	
SVE-5	1/16/2013	943	-2.98	NM	18.79	33.6	OVR	6.0	11.8	162	21000	9900	11100	
SVE-5	2/25/2013	950	-3.23	NM	18.78	33.3	OVR	6.0	11.9	173	20200	10700	9500	
SVE-5	3/20/2013	1047	-6.74	NM	18.78	32.9	OVR	5.2	13.2	101	19000	11300	7700	PID rechecked and verified.
SVE-5	4/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	SVE vault underwater. Could not access.
SVE-5	5/22/2013	943	-6.29	0.43	18.82	56.5	OVR	5.2	12.0	114	26300	17900	8400	
SVE-5	6/25/2013	923	-6.18	NM	18.85	59.7	OVR	4.8	12.3	132	27900	16400	11500	
SVE-6	2/15/2012	1617	-2.54	NA	NA	OVR	OVR	8.1	5.9	146	106000	47000	59000	
SVE-6	2/16/2012	1437	-2.77	NA	NA	OVR	OVR	9.4	4.2	142	93300	75300	18000	
SVE-6	2/17/2012	928	-2.67	NA	NA	OVR	OVR	9.9	1.6	147	150000	90200	59800	
SVE-6	2/22/2012	938	-2.37	NA	NA	OVR	OVR	9.6	1.3	143	192000	95000	97000	
SVE-6	2/29/2012	836	-2.63	NA	NA	OVR	OVR	9.1	3.5	140	111000	72580	38420	
SVE-6	3/21/2012	822	-1.51	NA	NA	OVR	OVR	8.0	5.8	131	78000	51100	26900	
SVE-6	4/18/2012	909	-2.63	0.32	22.78	86.5	OVR	7.5	6.0	135	58600	40000	18600	
SVE-6	5/16/2012	1050	-2.78	1.71	NE	71.1	OVR	7.1	7.2	148	49100	36000	13100	
SVE-6	6/20/2012	654	-2.91	0.01	22.83	62.9	OVR	6.9	6.6	126	33570	26500	7070	
SVE-6	7/18/2012	602	-3.07	0.01	22.79	46.9	OVR	7.9	7.6	155	34500	20000	14500	
SVE-6	8/15/2012	1338	-3.03	NA	NA	41.5	OVR	8.9	7.9	191	20600	19000	1600	
SVE-6	9/19/2012	907	-5.23	NA	22.80	26.5	OVR	8.2	10.1	232	12700	8900	3800	
SVE-6	10/17/2012	1015	-5.58	0.00	22.79	33.5	OVR	8.2	9.8	234	17400	15500	1900	
SVE-6	11/20/2012	858	-4.85	0.01	22.59	22.0	OVR	7.7	10.6	327	12700	10200	2500	
SVE-6	12/19/2012	935	-3.04	NA	22.43	11.9	OVR	7.9	10.7	347	8900	6000	2900	
SVE-6	1/16/2013	952	-3.06	NM	22.75	11.0	OVR	7.8	10.6	344	10300	6000	4300	
SVE-6	2/25/2013	1012	-3.25	NM	22.74	8.2	OVR	6.7	12.3	334	7700	4200	3500	
SVE-6	3/20/2013	1216	-6.90	NM	22.77	5.2	OVR	5.8	13.7	222	4400	2900	1500	
SVE-6	4/24/2013	1216	-6.64	0.00	22.75	3.0	61.0	4.8	14.5	229	4140	2470	1670	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Air Flow	Groundwater	Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Pitot Tube Pressure (Inches of H_20)	Depth to Water (feet)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
SVE-6	5/22/2013	956	-6.22	0.15	22.75	4.7	94.0	4.9	13.7	213	3900	2800	1100	
SVE-6	6/24/2013	1502	-5.78	0.27	22.73	3.4	68.0	5.0	13.6	212	3600	2300	1300	
SVE-7	2/15/2012	1627	-2.51	NA	NA	81.0	OVR	12.0	1.1	147	67680	47000	20680	
SVE-7	2/16/2012	1450	-2.75	NA	NA	86.6	OVR	12.2	2.2	151	47470	39200	8270	
SVE-7	2/17/2012	942	-2.67	NA	NA	86.3	OVR	11.0	2.5	154	59100	40700	18400	
SVE-7	2/22/2012	1010	-2.39	NA	NA	OVR	OVR	9.9	2.4	151	71300	50600	20700	
SVE-7	2/29/2012	854	-2.51	NA	NA	OVR	OVR	9.1	2.9	147	78800	50380	28420	
SVE-7	3/21/2012	835	-1.49	NA	NA	85.4	OVR	9.7	3.9	143	74300	41800	32500	
SVE-7	4/18/2012	931	-2.63	0.12	22.71	62.0	OVR	8.9	6.2	152	31300	21000	10300	
SVE-7	5/16/2012	1112	-2.76	2.24	NE	65.5	OVR	8.0	8.7	159	31200	18600	12600	
SVE-7	6/20/2012	718	-2.95	0.01	22.78	63.8	OVR	8.6	8.9	132	26200	17250	8950	
SVE-7	7/18/2012	623	-3.07	0.16	22.71	58.4	OVR	7.9	10.1	159	28900	12000	16900	
SVE-7	8/15/2012	1327	-3.04	NA	NA	45.8	OVR	7.9	10.9	201	20230	11300	8930	
SVE-7	9/19/2012	917	-5.25	NA	22.40	29.4	OVR	6.1	13.3	259	24700	6600	18100	
SVE-7	10/17/2012	1025	-5.67	0.00	22.79	54.3	OVR	5.7	13.0	213	21600	15600	6000	
SVE-7	11/20/2012	911	-4.90	0.01	22.79	23.8	OVR	4.9	14.1	310	14700	7300	7400	
SVE-7	12/19/2012	950	-3.02	NA	22.73	7.8	OVR	4.6	14.6	293	6400	2800	3600	
SVE-7	1/16/2013	1003	-3.12	NM	22.75	7.3	OVR	4.5	14.6	290	7500	3600	3900	
SVE-7	2/25/2013	1022	-3.18	NM	22.76	6.0	OVR	3.9	15.5	288	4500	2200	2300	
SVE-7	3/20/2013	1233	-6.82	NM	22.73	6.3	OVR	3.2	16.7	212	5000	3100	1900	
SVE-7	4/24/2013	1228	-6.63	0.00	22.68	9.3	OVR	3.2	16.3	266	10200	5400	4800	
SVE-7	5/22/2013	1010	-6.10	0.01	22.75	19.4	OVR	4.7	15.3	252	11100	7100	4000	
SVE-7	6/24/2013	1518	-5.59	1.36	22.73	17.4	OVR	4.4	14.4	261	9600	6200	3400	
SVE-8	2/15/2012	1638	-2.57	NA	NA	OVR	OVR	9.0	4.1	346	62000	36200	25800	
SVE-8	2/16/2012	1501	-2.77	NA	NA	OVR	OVR	10.5	1.4	362	71800	39000	32800	
SVE-8	2/17/2012	950	-2.70	NA	NA	OVR	OVR	10.1	1.9	350	71700	49600	22100	
SVE-8	2/22/2012	1036	-2.43	NA	NA	OVR	OVR	8.1	3.0	271	84450	66270	18180	
SVE-8	2/29/2012	907	-2.50	NA	NA	OVR	OVR	7.4	4.9	248	100000	69330	30670	
SVE-8	3/21/2012	845	-1.50	NA	NA	OVR	OVR	6.8	7.3	249	102000	60800	41200	
SVE-8	4/18/2012	952	-2.66	0.31	NE	OVR	OVR	7.0	8.7	305	56000	31900	24100	
SVE-8	5/16/2012	1133	-2.79	0.21	NE	69.5	OVR	6.0	11.0	400	22900	15700	7200	
SVE-8	6/20/2012	735	-2.97	0.01	22.27	48.8	OVR	6.9	9.8	415	13000	1550	11450	
SVE-8	7/18/2012	642	-3.12	0.33	22.23	32.0	OVR	7.0	9.9	531	11800	3100	8700	
SVE-8	8/15/2012	1240	-3.11	0.01	NA	29.7	OVR	7.4	10.3	529	8200	1670	6530	
SVE-8	9/19/2012	928	-5.34	NA	22.23	16.7	OVR	6.3	12.2	726	4620	794	3826	
SVE-8	10/17/2012	1037	-5.74	0.00	22.23	10.9	OVR	6.1	12.4	515	3950	630	3320	
SVE-8	11/20/2012	922	-5.00	0.00	22.25	6.5	OVR	5.9	12.4	557	2900	650	2250	
SVE-8	12/19/2012	1015	-3.25	NA	22.23	3.5	70.0	5.8	12.5	545	1900	370	1530	
SVE-8	1/16/2013	1014	-3.15	NM	22.25	2.2	45.0	5.5	12.5	432	2100	390	1710	
SVE-8	2/25/2013	1031	-3.20	NM	22.22	1.5	31.0	4.4	14.2	328	1450	292	1158	
SVE-8	3/20/2013	1246	-6.89	NM	20.44	0.8	17.0	3.2	16.2	203	1200	250	950	
SVE-8	4/24/2013	1240	-6.78	0.03	18.98	0.6	13.0	3.3	16	197	960	180	780	
SVE-8	5/22/2013	1019	-6.18	0.31	19.07	0.6	13.0	3.6	15.4	152	975	181	794	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Air Flow	Groundwater	Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Pitot Tube Pressure (Inches of H_20)	Depth to Water (feet)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
SVE-8	6/24/2013	1526	-5.68	0.11	18.90	0.7	15.0	5.0	14.0	189	630	155	475	
SVE-9	2/15/2012	1646	-2.61	NA	NA	81.8	OVR	3.8	14.2	440	28720	11960	16760	
SVE-9	2/16/2012	1510	-2.82	NA	NA	OVR	OVR	7.9	5.8	362	69000	24830	44170	
SVE-9	2/17/2012	957	-2.76	NA	NA	OVR	OVR	9.2	3.4	392	126000	36290	89710	
SVE-9	2/22/2012	1056	-2.44	NA	NA	OVR	OVR	9.3	3.2	400	121000	39270	81730	
SVE-9	2/29/2012	925	-2.64	NA	NA	OVR	OVR	8.1	5.1	402	86360	23660	62700	
SVE-9	3/21/2012	855	-1.47	NA	NA	4.3	86.0	1.1	18.3	238	5730	1490	4240	
SVE-9	4/18/2012	1009	-2.66	0.22	22.48	OVR	OVR	7.6	4.5	575	35000	7150	27850	
SVE-9	5/16/2012	1152	-2.82	1.87	NE	37.3	OVR	4.4	12.5	565	10100	1900	8200	
SVE-9	6/20/2012	749	-2.98	0.01	22.56	35.9	OVR	4.3	12.0	522	11850	2550	9300	
SVE-9	7/18/2012	657	-3.14	0.00	22.58	84.0	OVR	7.7	8.3	512	19000	2400	16600	
SVE-9	8/15/2012	1215	-3.25	0.00	NA	OVR	OVR	8.5	8.0	491	16700	4000	12700	
SVE-9	9/19/2012	939	-5.48	NA	21.44	74.3	OVR	7.2	9.7	687	11500	1860	9640	
SVE-9	10/17/2012	1048	-5.88	0.00	22.19	31.3	OVR	6.9	6.8	510	9400	1220	8180	
SVE-9	11/20/2012	933	-5.05	0.01	22.27	32.9	OVR	6.2	10.6	647	8200	1400	6800	
SVE-9	12/19/2012	1040	-3.12	NA	22.53	41.0	OVR	7.3	9.1	830	9300	1300	8000	
SVE-9	1/16/2013	1023	-3.25	NM	22.52	59.7	OVR	7.6	8.4	822	13700	1750	11950	
SVE-9	2/25/2013	1039	-3.35	NM	22.25	43.5	OVR	6.4	10.0	775	10700	1280	9420	
SVE-9	3/20/2013	1300	-7.03	NM	21.72	34.5	OVR	6.2	11.0	765	7300	1200	6100	
SVE-9	4/24/2013	1252	-6.85	0.01	22.21	52.7	OVR	6.4	9.8	810	10300	1700	8600	
SVE-9	5/22/2013	1036	-6.39	0.16	22.08	40.0	OVR	6.2	10.2	723	8200	2100	6100	
SVE-9	6/24/2013	1532	-5.73	0.01	22.24	39.5	OVR	6.7	10.2	604	8150	1600	6550	
SVE-10	2/1/2012	1415	NA	NA	NA	OVR	OVR	8.5	2.5	123	615000	390000	225000	
SVE-10	2/2/2012	955	NA	NA	NA	OVR	OVR	8.2	3.0	115	950000	305000	645000	
SVE-10	2/7/2012	950	-2.89	NA	NA	OVR	OVR	7.9	2.0	101	1000000	768000	232000	
SVE-10	2/15/2012	931	-2.69	NA	NA	OVR	OVR	7.8	3.0	129	862000	289000	573000	
SVE-10	2/22/2012	1126	-2.44	NA	NA	OVR	OVR	7.3	4.9	173	790000	204000	586000	
SVE-10	2/29/2012	942	-1.40	NA	NA	OVR	OVR	5.7	9.4	223	157000	73830	83170	
SVE-10	3/21/2012	904	-1.51	NA	NA	OVR	OVR	8.0	4.8	172	442000	158000	284000	
SVE-10	4/18/2012	1028	-2.56	1.66	22.59	OVR	OVR	8.4	5.2	270	139000	66500	72500	
SVE-10	5/16/2012	1206	-2.73	0.67	NE	OVR	OVR	8.2	6.7	325	69900	46100	23800	
SVE-10	6/20/2012	805	-3.24	0.00	22.65	OVR	OVR	9.1	6.2	317	38700	35100	3600	
SVE-10	7/18/2012	713	-2.93	0.04	22.62	OVR	OVR	8.6	7.2	233	46900	20300	26600	
SVE-10	8/15/2012	1201	-2.94	0.00	NA	OVR	OVR	9.3	6.8	398	30200	10500	19700	
SVE-10	9/19/2012	948	-4.68	NA	22.65	OVR	OVR	7.6	9.4	569	19400	4500	14900	
SVE-10	10/17/2012	1149	-6.87	0.00	22.58	OVR	OVR	7.9	9.5	563	25100	6500	18600	
SVE-10	11/20/2012	943	-4.22	0.01	22.59	71.8	OVR	8.3	9.2	589	13300	5300	8000	
SVE-10	12/19/2012	1055	-2.87	NA	22.57	41.0	OVR	7.7	10.0	650	12200	3800	8400	
SVE-10	1/16/2013	1032	-3.02	NM	22.57	44.3	OVR	7.8	9.4	635	13600	4300	9300	
SVE-10	2/25/2013	1046	-3.20	NM	22.54	51.9	OVR	7.3	10.0	585	16700	6600	10100	
SVE-10	3/20/2013	1314	-6.72	NM	22.55	65.8	OVR	6.3	11.9	440	18900	8900	10000	
SVE-10	4/24/2013	1304	-6.71	0.03	22.56	37.9	OVR	5.5	12.7	472	11200	5500	5700	
SVE-10	5/22/2013	1036	-6.05	0.20	22.52	41.5	OVR	6.2	11.7	411	13400	6600	6800	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Air Flow	Groundwater	Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Pitot Tube Pressure (Inches of H_20)	Depth to Water (feet)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
SVE-10	6/24/2013	1538	-5.35	0.38	22.52	23.9	OVR	6.9	11.3	416	7600	2800	4800	
SVE-11	2/1/2012	1428	NA	NA	NA	OVR	OVR	9.6	1.2	287	205000	100000	105000	
SVE-11	2/2/2012	1002	NA	NA	NA	OVR	OVR	9.5	1.5	270	300000	81400	218600	
SVE-11	2/7/2012	1006	-3.05	NA	NA	OVR	OVR	9.3	1.5	247	379000	125000	254000	
SVE-11	2/15/2012	955	-2.73	NA	NA	OVR	OVR	8.5	1.5	295	135000	90000	45000	
SVE-11	2/22/2012	1148	-2.54	NA	NA	OVR	OVR	8.0	2.1	321	229000	103000	126000	
SVE-11	2/29/2012	1003	-2.58	NA	NA	OVR	OVR	7.9	1.9	316	116000	62000	54000	
SVE-11	3/21/2012	914	-1.53	NA	NA	OVR	OVR	8.1	1.1	329	264000	87000	177000	
SVE-11	4/18/2012	1052	-2.60	0.06	22.78	OVR	OVR	9.0	1.4	410	105000	43700	61300	
SVE-11	5/16/2012	1223	-2.73	1.41	NE	OVR	OVR	10.1	2.4	485	70000	29400	40600	
SVE-11	6/20/2012	821	-3.31	0.00	22.82	OVR	OVR	11.1	1.4	364	61600	36600	25000	
SVE-11	7/18/2012	735	-2.95	0.02	22.77	OVR	OVR	11.2	2.4	240	73400	21500	51900	
SVE-11	8/15/2012	1134	-3.08	0.00	NA	OVR	OVR	11.7	2.3	409	60800	12800	48000	
SVE-11	9/19/2012	958	-5.15	NA	22.78	OVR	OVR	10.3	4.6	508	52400	9700	42700	
SVE-11	10/17/2012	1202	-6.96	0.00	22.77	OVR	OVR	9.9	4.5	584	52900	7900	45000	
SVE-11	11/20/2012	956	-5.14	0.02	22.80	OVR	OVR	9.7	4.8	566	39600	5800	33800	
SVE-11	12/19/2012	1100	-2.96	NA	22.77	OVR	OVR	10.1	4.4	820	29600	7400	22200	
SVE-11	1/16/2013	1042	-3.03	NM	22.78	OVR	OVR	9.6	5.0	750	28200	7100	21100	
SVE-11	2/25/2013	1052	-3.17	NM	22.77	OVR	OVR	9.1	6.0	710	20400	6000	14400	
SVE-11	3/20/2013	1330	-6.86	NM	21.78	OVR	OVR	8.0	8.0	752	22100	4700	17400	
SVE-11	4/24/2013	1316	-6.84	0.06	21.25	OVR	OVR	8.1	8.1	755	15400	3700	11700	
SVE-11	5/22/2013	1046	-6.18	0.04	20.78	OVR	OVR	8.3	7.5	670	14700	4400	10300	
SVE-11	6/24/2013	1545	-5.58	0.52	21.15	OVR	OVR	9.3	6.5	531	18200	4300	13900	
SVE-12	2/1/2012	1455	NA	NA	NA	OVR	OVR	5.0	9.0	190	315000	125000	190000	
SVE-12	2/2/2012	1015	NA	NA	NA	OVR	OVR	4.5	10.0	200	400000	146000	254000	
SVE-12	2/7/2012	1017	-3.15	NA	NA	0.5	11.0	0.2	20.8	78.2	814	240	574	
SVE-12	2/15/2012	1017	NA	NA	NA	OVR	OVR	2.2	15.4	224	78900	48300	30600	
SVE-12	2/22/2012	1444	-2.46	NA	NA	OVR	OVR	2.5	14.9	291	83400	53200	30200	
SVE-12	2/29/2012	1029	-2.61	NA	NA	OVR	OVR	4.0	11.6	288	239000	78410	160590	
SVE-12	3/21/2012	925	-1.55	NA	NA	1.5	31.0	0.2	20.7	115	2990	1360	1630	
SVE-12	4/18/2012	1110	-2.66	0.13	20.69	61.0	OVR	1.2	18.1	395	22000	7330	14670	
SVE-12	5/16/2012	1238	-2.84	1.32	NE	50.0	OVR	1.0	18.1	372	14200	9200	5000	
SVE-12	6/20/2012	842	-3.23	0.00	22.54	OVR	OVR	3.6	12.8	369	62500	17200	45300	
SVE-12	7/18/2012	756	-3.03	0.01	22.68	OVR	OVR	4.3	12.1	238	110000	15500	94500	
SVE-12	8/15/2012	1116	-3.23	0.00	NA	OVR	OVR	5.3	10.8	319	90200	14100	76100	
SVE-12	9/19/2012	1013	-5.31	NA	22.70	OVR	OVR	5.9	10.4	381	84800	15700	69100	
SVE-12	10/17/2012	1251	-7.01	0.00	22.71	OVR	OVR	7.6	7.6	399	135000	18100	116900	
SVE-12	11/20/2012	1006	-4.98	0.10	22.74	OVR	OVR	7.3	6.2	373	134000	14600	119400	
SVE-12	12/19/2012	1120	-3.02	NA	22.69	OVR	OVR	6.1	7.9	625	121000	10900	110100	
SVE-12	1/16/2013	1053	-3.01	NM	22.73	OVR	OVR	4.9	9.5	535	110000	10300	99700	
SVE-12	2/25/2013	1059	-3.22	NM	22.70	OVR	OVR	5.4	7.7	633	108000	8900	99100	
SVE-12	3/20/2013	1346	-7.04	NM	20.48	OVR	OVR	5.6	8.9	690	77200	4200	73000	
SVE-12	4/24/2013	1328	-6.91	0.36	22.71	OVR	OVR	6.9	6.6	635	74000	3100	70900	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Air Flow	Groundwater	Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Pitot Tube Pressure (Inches of H_20)	Depth to Water (feet)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
SVE-12	5/22/2013	1053	-6.35	0.01	20.13	OVR	OVR	4.8	10.2	589	63100	3750	59350	
SVE-12	6/24/2013	1551	-5.82	0.59	21.66	OVR	OVR	7.3	6.5	300	123000	5300	117700	
SVE-13	2/2/2012	1350	NA	NA	NA	OVR	OVR	13.3	2.3	395	61400	29300	32100	
SVE-13	2/3/2012	757	-3.55	NA	NA	OVR	OVR	12.2	2.5	330	104000	43600	60400	
SVE-13	2/7/2012	1028	-2.32	NA	NA	OVR	OVR	10.1	3.1	284	222000	48500	173500	
SVE-13	2/15/2012	1043	-2.40	NA	NA	OVR	OVR	7.5	9.5	375	87700	20000	67700	
SVE-13	2/22/2012	1502	-1.95	NA	NA	OVR	OVR	7.1	8.4	396	87380	51590	35790	
SVE-13	2/29/2012	1056	-1.63	NA	NA	OVR	OVR	7.1	7.8	419	100000	37160	62840	
SVE-13	3/21/2012	941	-1.58	NA	NA	9.6	OVR	3.5	15.6	675	6100	154	5946	
SVE-13	4/18/2012	1129	-2.14	0.07	22.72	OVR	OVR	6.5	10.1	558	35500	10500	25000	
SVE-13	5/16/2012	1310	-2.27	0.00	NE	OVR	OVR	6.2	11.0	675	24300	6600	17700	
SVE-13	6/20/2012	905	-2.46	0.01	22.79	82.1	OVR	7.3	2.5	575	19200	4300	14900	
SVE-13	7/18/2012	828	-2.51	0.03	22.72	53.3	OVR	7.0	11.4	590	15300	3200	12100	
SVE-13	8/15/2012	1100	-2.56	0.01	NA	52.4	OVR	6.9	11.7	576	13280	2960	10320	
SVE-13	9/19/2012	1029	-4.06	NA	22.72	33.5	OVR	6.2	13.1	766	9260	1510	7750	
SVE-13	10/17/2012	1301	-4.34	0.00	22.73	22.1	OVR	6.7	12.4	759	8150	210	7940	
SVE-13	11/20/2012	1018	-3.94	0.01	22.75	11.9	OVR	6.3	12.6	658	4650	1050	3600	
SVE-13	12/19/2012	1135	-2.52	NA	22.72	6.4	OVR	6.3	12.8	620	5000	560	4440	
SVE-13	1/16/2013	1104	-2.50	NM	22.78	5.7	OVR	6.5	12.1	745	5400	490	4910	
SVE-13	2/25/2013	1109	-0.64	NM	22.71	0.2	4.0	0.3	20.7	41.6	143	25.0	118	Valve closed visually 50% at well head.
SVE-13	3/20/2013	1401	-4.39	NM	22.68	0.3	7.0	3.3	16.9	110	380	63.8	316	Valve closed visually 50% at well head.
SVE-13	4/24/2013	1340	-4.55	0.19	22.63	0.3	7.0	3.3	16.7	102	379	52.6	326.4	Valve closed visually 50% at well head.
SVE-13	5/22/2013	1101	-5.02	0.48	22.61	0.8	16.0	4.3	14.9	170	1310	440	870	Valve closed visually 50% at well head.
SVE-13	6/24/2013	1554	-4.59	0.30	22.64	0.9	19.0	5.8	13.1	216	780	210	570	Valve closed visually 50% at well head.
SVE-14	2/2/2012	1358	NA	NA	NA	OVR	OVR	12.1	1.5	259	221000	86200	134800	
SVE-14	2/3/2012	807	-3.53	NA	NA	OVR	OVR	11.9	1.6	230	230000	90000	140000	
SVE-14	2/7/2012	1040	-2.32	NA	NA	OVR	OVR	12.0	1.7	259	123000	64400	58600	
SVE-14	2/15/2012	1105	-2.40	NA	NA	OVR	OVR	10.7	3.4	291	129000	51000	78000	
SVE-14	2/22/2012	1514	-2.20	NA	NA	OVR	OVR	10.1	3.6	396	90500	54560	35940	
SVE-14	2/29/2012	1111	-1.66	NA	NA	OVR	OVR	10.1	3.1	423	89400	29690	59710	
SVE-14	3/21/2012	954	-1.56	NA	NA	12.2	OVR	6.6	8.9	658	5490	477	5013	
SVE-14	4/18/2012	1146	-2.11	0.48	22.41	OVR	OVR	9.7	3.4	515	51800	19200	32600	
SVE-14	5/16/2012	1328	-2.52	0.01	NE	OVR	OVR	9.5	6.6	575	16700	7800	8900	
SVE-14	6/20/2012	1025	-2.35	0.01	22.45	OVR	OVR	10.0	5.1	559	26600	11300	15300	
SVE-14	7/18/2012	852	-2.49	0.02	22.41	78.9	OVR	10.2	6.4	425	24200	8300	15900	
SVE-14	8/15/2012	1043	-2.57	0.01	NA	78.9	OVR	10.4	7.2	461	15600	8200	7400	
SVE-14	9/19/2012	1040	-4.07	NA	22.40	68.1	OVR	9.9	8.2	585	18400	8300	10100	
SVE-14	10/17/2012	1313	-4.34	0.00	22.42	61.5	OVR	9.9	8.2	617	18500	7500	11000	
SVE-14	11/20/2012	1030	-3.88	0.01	22.45	36.8	OVR	9.2	9.1	563	11700	6200	5500	
SVE-14	12/19/2012	1150	-2.53	NA	22.42	26.8	OVR	9.4	9.0	655	10800	4800	6000	
SVE-14	1/16/2013	1115	-2.50	NM	22.41	20.5	OVR	9.0	9.1	648	10300	3800	6500	
SVE-14	2/25/2013	1116	-0.66	NM	22.40	0.1	2.0	5.3	14.0	5.0	122	10.7	111	Valve closed visually 50% at well head.
SVE-14	3/20/2013	1415	-4.21	NM	22.43	5.7	OVR	7.1	12.0	420	3200	1300	1900	Valve closed visually 50% at well head.

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Air Flow	Groundwater	Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Pitot Tube Pressure (Inches of H_20)	Depth to Water (feet)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
SVE-14	4/24/2013	1352	-4.10	0.34	22.41	2.2	44.0	6.1	13.1	355	2500	855	1645	Valve closed visually 50% at well head.
SVE-14	5/22/2013	1109	-4.90	0.11	22.37	8.2	OVR	6.9	11.5	380	4400	2800	1600	Valve closed visually 50% at well head.
SVE-14	6/24/2013	1600	-4.52	0.17	22.40	5.8	OVR	7.7	10.8	408	3080	1600	1480	Valve closed visually 50% at well head.
SVE-15	2/2/2012	1416	NA	NA	NA	OVR	OVR	12.2	2.6	327	61600	47200	14400	
SVE-15	2/3/2012	817	-3.55	NA	NA	OVR	OVR	10.9	4.5	305	92300	55000	37300	
SVE-15	2/7/2012	1047	-2.34	NA	NA	OVR	OVR	10.0	5.1	294	65300	35900	29400	
SVE-15	2/15/2012	1112	-2.33	NA	NA	OVR	OVR	9.2	6.7	364	68900	34250	34650	
SVE-15	2/22/2012	1325	-2.41	NA	NA	OVR	OVR	9.0	5.8	471	55700	30670	25030	
SVE-15	2/29/2012	1329	-1.30	NA	NA	OVR	OVR	9.9	5.9	420	50000	24200	25800	
SVE-15	3/21/2012	959	-1.54	NA	NA	OVR	OVR	8.8	5.8	433	60500	22800	37700	
SVE-15	4/18/2012	1155	-2.11	0.03	NE	OVR	OVR	8.7	5.5	555	36000	11400	24600	
SVE-15	5/16/2012	1335	-2.28	0.01	NE	83.7	OVR	8.7	7.4	660	13900	6100	7800	
SVE-15	6/20/2012	1033	-2.29	0.00	NE	80.3	OVR	9.0	7.3	640	17280	6260	11020	
SVE-15	7/18/2012	859	-2.49	0.13	NE	62.2	OVR	9.2	7.8	475	15700	6200	9500	
SVE-15	8/15/2012	1038	-2.61	0.00	NA	73.6	OVR	9.6	8.1	501	18300	7600	10700	
SVE-15	9/19/2012	1045	-4.05	NA	22.97	59.7	OVR	8.9	9.7	664	15400	5470	9930	
SVE-15	10/17/2012	1319	-4.38	0.00	NE	56.9	OVR	9.2	8.9	720	17100	3930	13170	
SVE-15	11/20/2012	1037	-3.92	0.55	22.97	37.4	OVR	8.1	10.1	651	7400	4050	3350	
SVE-15	12/19/2012	1155	-2.56	NA	NE	33.9	OVR	8.4	10.0	770	12100	5200	6900	
SVE-15	1/16/2013	1120	-2.49	NM	22.79	30.9	OVR	8.0	10.0	770	12000	2800	9200	
SVE-15	2/25/2013	1119	-3.15	NM	22.71	25.4	OVR	6.7	11.9	588	10900	4400	6500	Valve closed visually 50% at well head.
SVE-15	3/20/2013	1422	-5.91	NM	22.72	21.0	OVR	5.8	13.2	675	4400	1700	2700	Valve closed visually 50% at well head.
SVE-15	4/24/2013	1358	-5.97	0.30	22.74	6.4	OVR	4.7	14.7	612	4600	880	3720	Valve closed visually 50% at well head.
SVE-15	5/22/2013	1113	-5.07	0.29	22.76	7.6	OVR	6.1	12.7	541	2800	1300	1500	Valve closed visually 50% at well head.
SVE-15	6/24/2013	1603	-4.68	0.28	22.88	5.9	OVR	7.5	11.2	569	2800	1100	1700	Valve closed visually 50% at well head.
SVE-16	2/2/2012	1407	NA	NA	NA	OVR	OVR	12.4	1.3	381	222000	72500	149500	
SVE-16	2/3/2012	823	-3.59	NA	NA	OVR	OVR	12.8	1.0	364	153000	67000	86000	
SVE-16	2/7/2012	1057	-2.41	NA	NA	OVR	OVR	12.8	1.4	376	86300	55900	30400	
SVE-16	2/15/2012	1119	-2.29	NA	NA	OVR	OVR	12.1	1.7	417	114000	51000	63000	
SVE-16	2/22/2012	1543	-2.09	NA	NA	OVR	OVR	11.3	2.2	480	114000	55800	58200	
SVE-16	2/29/2012	1338	-1.15	NA	NA	OVR	OVR	11.8	2.0	390	92200	49300	42900	
SVE-16	3/21/2012	1003	-1.43	NA	NA	OVR	OVR	11.2	1.6	539	82500	19000	63500	
SVE-16	4/18/2012	1204	-2.13	1.29	22.92	OVR	OVR	11.0	1.7	510	72100	32300	39800	
SVE-16	5/16/2012	1342	-2.29	0.01	NE	OVR	OVR	11.2	2.2	472	59500	35700	23800	
SVE-16	6/20/2012	1040	-2.32	0.00	22.98	OVR	OVR	11.6	2.2	463	48200	35000	13200	
SVE-16	7/18/2012	909	-2.51	0.08	22.91	OVR	OVR	11.4	4.0	270	38600	24800	13800	
SVE-16	8/15/2012	1031	-2.65	0.00	NA	OVR	OVR	11.4	5.1	367	44000	21500	22500	
SVE-16	9/19/2012	1050	-4.15	NA	22.93	OVR	OVR	11.1	5.8	492	39400	21600	17800	
SVE-16	10/17/2012	1325	-4.46	0.00	22.92	82.6	OVR	11.0	6.2	509	33400	27200	6200	
SVE-16	11/20/2012	1044	-3.86	0.48	22.95	50.3	OVR	10.6	6.4	465	23600	3500	20100	
SVE-16	12/19/2012	1245	-2.52	NA	22.92	39.8	OVR	11.1	5.8	555	21400	13700	7700	
SVE-16	1/16/2013	1125	-2.52	NM	22.94	30.8	OVR	10.4	6.4	540	19300	10000	9300	
SVE-16	2/25/2013	1123	-3.09	NM	22.95	30.9	OVR	10.1	6.6	455	15100	6400	8700	Valve closed visually 50% at well head.

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Air Flow	Groundwater	Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Pitot Tube Pressure (Inches of H_20)	Depth to Water (feet)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
SVE-16	3/20/2013	1428	-5.57	NM	22.93	21.5	OVR	8.5	9.1	480	11300	7700	3600	Valve closed visually 50% at well head.
SVE-16	4/24/2013	1404	-5.72	0.12	22.95	17.0	OVR	8.8	8.8	545	8900	5500	3400	Valve closed visually 50% at well head.
SVE-16	5/22/2013	1117	-4.99	0.01	22.90	12.5	OVR	9.3	8.1	435	8100	5900	2200	Valve closed visually 50% at well head.
SVE-16	6/24/2013	1609	-4.58	0.34	22.91	10.2	OVR	10.3	7.6	430	8200	5400	2800	Valve closed visually 50% at well head.
SVE-17	2/6/2012	1405	-2.61	NA	NA	OVR	OVR	13.7	2.6	357	129000	54100	74900	
SVE-17	2/7/2012	1100	-2.50	NA	NA	OVR	OVR	12.5	3.5	364	50000	41800	8200	
SVE-17	2/8/2012	930	-2.85	NA	NA	OVR	OVR	11.0	4.4	376	65000	29900	35100	
SVE-17	2/15/2012	1126	-2.29	NA	NA	OVR	OVR	9.4	6.4	321	65000	51200	13800	
SVE-17	2/22/2012	1552	-2.17	NA	NA	OVR	OVR	8.7	7.0	306	102000	73270	28730	
SVE-17	2/29/2012	1346	-1.16	NA	NA	OVR	OVR	9.2	6.9	242	91500	66300	25200	
SVE-17	3/21/2012	1008	-1.32	NA	NA	5.5	OVR	9.2	2.1	345	13390	7600	5790	
SVE-17	4/18/2012	1216	-2.20	1.48	22.62	OVR	OVR	7.6	8.4	285	70500	50000	20500	
SVE-17	5/16/2012	1352	-2.37	0.03	NE	OVR	OVR	7.4	9.0	300	71300	47900	23400	
SVE-17	6/20/2012	1047	-2.41	0.01	22.62	OVR	OVR	7.6	8.7	324	64000	36500	27500	
SVE-17	7/18/2012	922	-2.61	0.01	22.59	84.1	OVR	7.7	9.1	250	38900	17400	21500	
SVE-17	8/15/2012	1021	-2.78	0.01	NA	82.4	OVR	8.1	9.4	373	25800	12800	13000	
SVE-17	9/19/2012	1056	-4.30	NA	22.56	72.5	OVR	7.6	10.4	533	22400	10600	11800	
SVE-17	10/17/2012	1330	-4.72	0.00	22.55	64.0	OVR	8.2	10.0	602	19100	8400	10700	
SVE-17	11/20/2012	1057	-3.95	0.04	22.56	40.5	OVR	7.4	11.0	555	12100	7100	5000	
SVE-17	12/19/2012	1350	-2.58	NA	22.51	35.0	OVR	7.8	10.7	690	14200	6300	7900	
SVE-17	1/16/2013	1129	-2.60	NM	22.53	27.5	OVR	7.4	10.8	660	13800	6700	7100	
SVE-17	2/25/2013	1127	-1.74	NM	22.52	20.0	OVR	7.1	11.4	550	6800	3050	3750	Valve closed visually 50% at well head.
SVE-17	3/20/2013	1434	-4.83	NM	22.56	17.1	OVR	5.7	13.6	545	6500	3700	2800	Valve closed visually 50% at well head.
SVE-17	4/24/2013	1410	-4.73	0.36	22.55	11.4	OVR	5.5	13.9	590	5100	3000	2100	Valve closed visually 50% at well head.
SVE-17	5/22/2013	1121	-4.86	0.02	22.52	13.6	OVR	6.3	12.5	532	5300	2800	2500	Valve closed visually 50% at well head.
SVE-17	6/24/2013	1612	-4.43	0.32	22.54	13.3	OVR	7.2	11.2	537	7000	3900	3100	Valve closed visually 50% at well head.
SVE-18	2/6/2012	1420	-2.77	NA	21.03	OVR	OVR	12.3	2.8	232	215000	105000	110000	
SVE-18	2/7/2012	1108	-2.69	NA	NA	OVR	OVR	11.8	4.5	209	79900	67200	12700	
SVE-18	2/8/2012	1000	-2.81	NA	20.99	OVR	OVR	11.3	4.8	226	100000	53610	46390	
SVE-18	2/15/2012	1132	-2.45	NA	NA	OVR	OVR	9.6	7.2	185	121000	83600	37400	
SVE-18	2/22/2012	1559	-2.32	NA	NA	OVR	OVR	9.3	6.9	154	180000	132000	48000	
SVE-18	2/29/2012	1354	-1.33	NA	NA	OVR	OVR	10.0	6.8	123	140000	109000	31000	
SVE-18	3/21/2012	1013	-1.31	NA	NA	2.1	43.0	9.4	5.2	237	4100	2560	1540	
SVE-18	4/18/2012	1228	-2.31	0.12	20.81	OVR	OVR	7.5	8.0	177	95400	69500	25900	
SVE-18	5/16/2012	1358	-2.51	0.03	NE	OVR	OVR	6.6	10.0	187	59200	52400	6800	
SVE-18	6/20/2012	1054	-2.54	0.01	20.86	OVR	OVR	6.5	10.4	203	68300	41200	27100	
SVE-18	7/18/2012	930	-2.79	0.00	20.81	69.2	OVR	6.2	11.2	222	36200	23200	13000	
SVE-18	8/15/2012	1013	-3.00	-0.01	NA	58.3	OVR	6.5	12.5	388	18900	11600	7300	
SVE-18	9/19/2012	1101	-4.72	NA	20.82	33.4	OVR	5.5	13.1	561	12300	4100	8200	
SVE-18	10/17/2012	1336	-5.17	0.00	20.89	27.5	OVR	6.0	12.6	612	10400	3000	7400	
SVE-18	11/20/2012	1101	-4.33	0.01	20.62	12.5	OVR	5.3	13.9	576	3700	1100	2600	
SVE-18	12/19/2012	1400	-2.73	NA	20.74	10.8	OVR	6.4	12.4	636	4900	1000	3900	
SVE-18	1/16/2013	1133	-2.78	NM	20.74	7.9	OVR	6.5	12.1	600	5100	1800	3300	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Air Flow	Groundwater	Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Pitot Tube Pressure (Inches of H_20)	Depth to Water (feet)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
SVE-18	2/25/2013	1131	-1.95	NM	20.72	2.9	59.0	6.1	12.8	305	2200	325	1875	Valve closed visually 50% at well head.
SVE-18	3/20/2013	1441	-5.41	NM	20.74	4.8	96.0	5.2	14.2	377	3100	1500	1600	Valve closed visually 50% at well head.
SVE-18	4/24/2013	1416	-5.25	0.43	20.80	5.1	OVR	4.8	14.7	378	8200	3500	4700	Valve closed visually 50% at well head.
SVE-18	5/22/2013	1124	-5.43	0.12	20.93	14.5	OVR	5.9	12.6	207	13500	10700	2800	Valve closed visually 50% at well head.
SVE-18	6/24/2013	1615	-5.10	0.34	20.98	22.5	OVR	6.9	11.1	212	26700	18500	8200	Valve closed visually 50% at well head.
SVE-19	2/6/2012	1428	-0.76	NA	23.75	75.3	OVR	12.2	1.3	81.2	262000	169000	93000	
SVE-19	2/7/2012	1113	-2.93	NA	NA	84.6	OVR	12.7	0.6	86.8	116000	84200	31800	
SVE-19	2/8/2012	1009	-3.36	NA	23.85	64.7	OVR	11.7	2.9	100	120000	89300	30700	
SVE-19	2/15/2012	1139	-2.65	NA	NA	74.9	OVR	11.8	2.9	98.2	100000	84000	16000	
SVE-19	2/22/2012	1609	-2.51	NA	NA	OVR	OVR	11.2	3.4	100	190000	155000	35000	
SVE-19	2/29/2012	1403	-1.38	NA	NA	84.5	OVR	11.8	3.5	79.5	158000	110000	48000	
SVE-19	3/21/2012	1018	-1.36	NA	NA	0.1	3.0	8.4	6.3	25.5	1220	1000	220	
SVE-19	4/18/2012	1237	-2.50	1.91	23.76	47.2	OVR	8.2	6.2	95.0	91000	73200	17800	
SVE-19	5/16/2012	1405	-2.72	0.03	NE	47.1	OVR	7.5	8.8	82.0	28700	10100	18600	
SVE-19	6/20/2012	1101	-2.82	NA	23.58	35.8	OVR	6.5	10.8	71.4	56200	52000	4200	
SVE-19	7/18/2012	939	-3.05	0.01	23.73	41.1	OVR	7.4	10.1	67.3	55400	41100	14300	
SVE-19	8/15/2012	1005	-3.33	0.00	NA	34.2	OVR	7.2	11.2	150	35300	27400	7900	
SVE-19	9/19/2012	1107	-5.33	NA	23.73	16.1	OVR	5.9	12.5	262	13400	9500	3900	
SVE-19	10/17/2012	1342	-5.83	0.00	23.75	14.4	OVR	6.4	12.3	280	13900	6300	7600	
SVE-19	11/20/2012	1106	-4.79	0.00	23.76	2.1	42.0	4.0	14.7	233	2800	1300	1500	
SVE-19	12/19/2012	1405	-2.97	NA	23.74	4.0	80.0	5.4	12.9	278	6400	3800	2600	
SVE-19	1/16/2013	1139	-2.95	NM	23.77	4.3	86.0	5.2	12.8	265	10300	7000	3300	
SVE-19	2/25/2013	1135	-3.45	NM	23.71	4.6	93.0	5.0	13.1	193	8500	5100	3400	
SVE-19	3/20/2013	1448	-7.20	NM	23.70	3.6	73.0	4.4	14.4	150	7400	5800	1600	
SVE-19	4/24/2013	1422	-6.83	0.20	23.77	6.4	OVR	4.2	14.5	122	14800	12200	2600	
SVE-19	5/22/2013	1455	-6.47	0.01	23.77	13.1	OVR	5.2	13.2	83	27900	23500	4400	
SVE-19	6/24/2013	1618	-5.98	0.34	23.75	24.0	OVR	6.0	11.9	98.5	32800	21500	11300	
SVE-20	2/23/2012	953	-3.17	NA	NA	OVR	OVR	12.7	1.0	77.5	1000000	1000000	0.0	
SVE-20	2/29/2012	1419	-3.74	NA	NA	OVR	OVR	12.7	1.1	70.3	1000000	920000	80000	
SVE-20	3/1/2012	1500	-1.08	NA	NA	OVR	OVR	12.6	1.1	102	921000	841000	80000	
SVE-20	3/2/2012	1054	-1.51	NA	NA	OVR	OVR	12.5	1.2	84.7	1000000	955000	45000	Benzene Reading: 38.2 ppm
SVE-20	3/6/2012	1138	-0.20	NA	NA	OVR	OVR	7.2	7.4	69.0	858000	486000	372000	Benzene Reading: 30.0 ppm
SVE-20	3/7/2012	855	-0.11	NA	NA	OVR	OVR	9.7	4.3	65.7	742000	261000	481000	Benzene Reading: 24.9 ppm
SVE-20	3/21/2012	1027	-2.21	NA	NA	OVR	OVR	11.6	0.4	98.5	770000	373000	397000	
SVE-20	4/18/2012	1256	-3.19	0.52	37.92	OVR	OVR	10.4	2.7	92.8	602000	376000	226000	
SVE-20	5/16/2012	1413	-3.42	0.03	NE	OVR	OVR	10.1	4.4	106	390000	270000	120000	
SVE-20	6/20/2012	1107	-3.57	0.01	37.95	OVR	OVR	10.2	4.6	105	210000	198000	12000	
SVE-20	7/18/2012	1002	-3.95	0.02	37.87	OVR	OVR	9.8	5.8	60.5	229000	146000	83000	
SVE-20	8/15/2012	955	-4.47	-0.99	NA	OVR	OVR	11.0	4.6	115	125000	102000	23000	
SVE-20	9/19/2012	1113	-7.67	NA	37.90	OVR	OVR	10.5	6.6	136	200000	160000	40000	
SVE-20	10/17/2012	1348	-7.12	0.00	37.88	OVR	OVR	10.8	7.4	141	248000	212000	36000	
SVE-20	11/20/2012	1112	-13.54	-0.21	37.85	OVR	OVR	9.1	8.6	175	104000	94000	10000	Vacuum would not stabilize during sampling. Highest value observed is listed.
SVE-20	12/19/2012	1420	-3.02	NA	37.89	OVR	OVR	11.3	4.5	195	230000	145000	85000	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Air Flow	Groundwater	Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Pitot Tube Pressure (Inches of H_20)	Depth to Water (feet)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
SVE-20	1/16/2013	1143	-2.95	NM	37.92	OVR	OVR	11.3	5.2	190	218000	140000	78000	
SVE-20	2/25/2013	1139	-3.20	NM	37.90	OVR	OVR	11.6	5.0	159	202000	127000	75000	
SVE-20	3/20/2013	1454	-5.85	NM	37.82	OVR	OVR	11.4	5.5	143	340000	215000	125000	
SVE-20	4/24/2013	1428	-6.15	0.44	37.75	OVR	OVR	10.6	6.2	148	290000	184000	106000	
SVE-20	5/22/2013	1132	-5.35	0.16	37.75	OVR	OVR	11.4	5.0	128	173000	164000	9000	
SVE-20	6/24/2013	1621	-5.70	0.36	37.80	OVR	OVR	11.6	4.7	120	226000	182000	44000	
SVE-21	12/3/2012	1525	-1.74	NM	NM	0.0	0.0	3.1	18.0	1.0	2.5	0.0	2.5	
SVE-21	12/4/2012	1335	-2.67	NM	34.51	0.0	0.0	4.0	17.0	0.5	1.9	0.0	1.9	
SVE-21	12/13/2012	1521	-1.47	NM	34.43	0.0	0.0	3.9	17.3	0.2	0.6	0.0	0.6	
SVE-21	12/19/2012	1505	-1.62	NM	NM	0.0	0.0	4.5	16.7	0.3	1.4	0.0	1.4	
SVE-21	1/16/2013	1559	-2.10	NM	34.43	0.0	0.0	2.9	18.5	0.1	1.1	0.0	1.1	
SVE-21	2/26/2013	1210	-1.91	NM	34.43	0.0	0.0	2.5	18.7	0.1	0.5	0.0	0.5	
SVE-21	3/21/2013	1104	-2.64	NM	34.48	0.0	0.0	2.2	19.5	0.1	0.8	0.0	0.8	
SVE-21	4/25/2013	1145	-2.69	0.01	34.43	0.0	0.0	1.9	19.6	3.4	11.7	0.0	11.7	Tedlar sampled and screened 4/25/13. All other data collected 4/24/13.
SVE-21	5/22/2013	1336	-3.67	0.01	34.35	0.0	0.0	1.7	19.3	5.2	17.2	0.0	17.2	
SVE-21	6/25/2013	719	-3.67	NM	34.35	0.0	0.0	1.7	19.1	0.9	3.0	0.0	3.0	
SVE-22	12/5/2012	1625	-1.57	NM	34.35	0.0	0.0	4.7	16.3	2.0	11.7	5.1	6.6	
SVE-22	12/6/2012	1529	-1.40	NM	34.31	0.0	0.0	4.4	16.3	1.3	12.3	8.2	4.1	
SVE-22	12/13/2012	1350	-1.13	NM	34.35	0.0	0.0	3.5	17.6	0.8	7.7	6.2	1.5	
SVE-22	12/19/2012	1403	-1.18	NM	NM	0.0	0.0	2.8	18.3	0.5	8.6	8.6	0.0	
SVE-22	1/16/2013	1419	-1.26	NM	34.37	0.0	0.0	1.7	19.5	0.4	4.3	0.0	4.3	
SVE-22	2/26/2013	1148	-1.40	NM	34.38	0.0	0.0	1.3	19.8	0.3	9.2	6.5	2.7	
SVE-22	3/21/2013	1029	-1.75	NM	34.39	0.0	0.0	1.2	20.0	0.3	5.4	4.8	0.6	
SVE-22	4/25/2013	1342	-1.67	0.00	34.31	0.0	0.0	1.1	20.0	90.8	175	6.7	168	Tedlar sampled and screened 4/25/13. All other data collected 4/24/13.
SVE-22	5/22/2013	1413	-2.41	0.00	34.33	0.0	0.0	1.0	19.8	72.7	190	0.0	190	
SVE-22	6/25/2013	704	-2.87	NM	34.38	0.0	0.0	1.1	19.8	2.6	14.1	0.0	14.1	
SVE-23	12/6/2012	1541	-1.29	NM	24.67	0.0	0.0	7.2	12.0	3.5	4.3	0.0	4.3	
SVE-23	12/7/2012	1650	-1.28	NM	24.68	NM	NM	NM	NM	NM	NM	NM	NM	Sample depleted when screening conducted on 12/8/12. Could not sample.
SVE-23	12/10/2012	1336	-1.29	NM	24.71	0.0	0.0	4.3	16.0	2.8	4.6	0.0	4.6	
SVE-23	12/13/2012	1432	-1.12	NM	24.71	0.0	0.0	4.5	16.0	0.7	0.2	0.0	0.2	
SVE-23	12/19/2012	1350	-1.17	NM	NM	0.0	0.0	3.5	17.0	0.4	0.7	0.0	0.7	
SVE-23	1/16/2013	1432	-1.25	NM	24.74	0.0	0.0	2.3	18.3	0.4	1.4	0.0	1.4	
SVE-23	2/26/2013	1203	-1.38	NM	24.69	0.1	3.0	2.7	16.9	6.5	745	720	25.0	
SVE-23	3/21/2013	1057	-1.74	NM	24.71	0.1	2.0	2.0	18.3	15.7	800	670	130	
SVE-23	4/25/2013	1352	-1.90	0.00	24.70	0.5	10.0	2.1	18.0	86.8	2500	1800	700	Tedlar sampled and screened 4/25/13. All other data collected 4/24/13.
SVE-23	5/22/2013	1407	-2.47	0.01	24.65	3.3	66.0	2.6	16.8	169	6800	5600	1200	
SVE-23	6/25/2013	711	-2.90	NM	24.67	1.6	32.0	2.3	17.6	61.8	7470	7000	470	
SVE-24	12/10/2012	1322	-0.47	NM	25.25	18.0	OVR	12.4	3.4	1120	36400	23000	13400	
SVE-24	12/11/2012	1330	-0.25	NM	25.27	21.7	OVR	14.7	0.5	1490	31400	17700	13700	
SVE-24	12/12/2012	1637	-0.30	NM	NM	17.5	OVR	14.0	1.2	1420	28100	16500	11600	Vacuum reading surging. Highest observed value listed.
SVE-24	12/13/2012	1031	-0.33	NM	25.23	18.3	OVR	14.6	1.3	1180	31900	19100	12800	Vacuum reading surging. Highest observed value listed.
SVE-24	12/19/2012	1427	-0.30	NM	NM	14.7	OVR	11.5	3.9	1620	27300	17000	10300	
SVE-24	1/16/2013	1359	-0.42	NM	25.22	10.2	OVR	8.9	6.9	1590	23200	11800	11400	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Air Flow	Groundwater	Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Pitot Tube Pressure (Inches of H_20)	Depth to Water (feet)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
SVE-24	2/26/2013	1125	-0.45	NM	25.20	20.8	OVR	9.0	7.0	1533	30500	18600	11900	
SVE-24	3/21/2013	1007	-1.06	NM	25.22	15.4	OVR	8.5	8.1	1840	32400	20700	11700	
SVE-24	4/25/2013	1312	-0.79	0.00	25.25	30.0	OVR	8.1	8.6	1055	61200	37600	23600	Tedlar sampled and screened 4/25/13. All other data collected 4/24/13.
SVE-24	5/22/2013	1347	-2.15	0.00	25.19	71.6	OVR	9.0	8.3	617	92500	76000	16500	
SVE-24	6/25/2013	656	-1.95	NM	25.19	54.1	OVR	8.1	9.7	412	60400	37600	22800	
SVE-25	2/1/2012	1545	NA	NA	NA	OVR	OVR	8.0	6.4	182	165000	83100	81900	
SVE-25	2/2/2012	845	NA	NA	NA	OVR	OVR	7.3	7.3	195	180000	61000	119000	
SVE-25	2/7/2012	1408	-2.88	NA	NA	OVR	OVR	8.4	6.6	217	125000	72000	53000	
SVE-25	2/15/2012	1403	-2.50	NA	NA	34.9	OVR	7.2	9.8	425	15950	6800	9150	
SVE-25	2/17/2012	1025	-2.66	NA	NA	14.3	OVR	6.2	12.5	445	6250	2600	3650	
SVE-25	2/22/2012	1620	-2.43	NA	NA	11.6	OVR	5.7	12.8	424	8180	2990	5190	
SVE-25	2/29/2012	821	-1.96	NA	NA	16.8	OVR	6.8	11.4	431	8470	2770	5700	
SVE-25	3/21/2012	1412	-1.15	NA	NA	9.7	OVR	6.0	12.0	342	3960	1810	2150	
SVE-25	4/18/2012	1545	-2.26	NA	NA	16.2	OVR	5.7	11.8	348	8200	2950	5250	
SVE-25	5/16/2012	1518	-3.09	NA	NA	5.7	OVR	4.8	14.6	305	4750	2250	2500	
SVE-25	6/20/2012	1418	-0.69	0.00	NE	0.0	0.0	0.8	20.0	2.0	7.0	0.0	7.0	Vacuum would not stabilize during sampling. Highest value observed is listed.
SVE-25	7/18/2012	1109	-2.64	0.01	NE	1.8	38.0	3.4	15.9	183	2490	690	1800	
SVE-25	8/15/2012	1432	-2.79	NA	NA	1.7	35.0	3.6	16.0	190	1930	510	1420	
SVE-25	9/19/2012	810	-4.58	NA	NE	3.7	75.0	4.0	15.5	331	4280	1110	3170	
SVE-25	10/17/2012	1438	-0.47	NA	NE	0.0	0.0	1.3	19.2	2.4	10.7	3.5	7.2	Water present in SVE vault.
SVE-25	11/20/2012	1208	-1.28	NA	NE	0.0	0.0	0.3	20.6	3.0	8.4	2.8	5.7	Vacuum would not stabilize during sampling. Highest value observed is listed.
SVE-25	12/19/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well. Could not access.
SVE-25	1/16/2013	1344	-1.27	NM	22.98	0.0	0.0	0.1	20.7	6.5	60.4	10.9	49.5	
SVE-25	2/25/2013	1215	-2.73	NM	NE	1.3	26.0	3.8	16.5	140	2200	510	1690	
SVE-25	3/21/2013	1114	-6.56	NM	23.12	2.5	50.0	4.6	15.5	266	1600	560	1040	Calibration checked and verified.
SVE-25	4/25/2013	1127	-6.10	0.00	22.98	1.1	22.0	4.5	15.5	230	1450	270	1180	Tedlar sampled and screened 4/25/13. All other data collected 4/24/13.
SVE-25	5/22/2013	1325	-6.03	0.08	NE	0.8	16.0	4.6	13.9	145	730	290	440	
SVE-25	6/25/2013	727	-5.97	NM	NE	0.4	8.0	5.0	14.7	97.1	427	103	324	
SVE-26	12/5/2012	1615	-1.77	NM	30.57	0.2	5.0	12.3	4.8	266	1200	670	530	Vacuum reading surging. Highest observed value listed.
SVE-26	12/6/2012	1516	-0.40	NM	30.59	0.5	11.0	10.6	6.5	526	2350	1200	1150	Vacuum reading surging. Highest observed value listed.
SVE-26	12/13/2012	1101	-1.44	NM	30.58	1.4	28.0	10.1	8.0	400	4550	2700	1850	
SVE-26	12/19/2012	1420	-1.48	NM	NM	1.2	24.0	7.9	10.5	385	3800	3300	500	
SVE-26	1/16/2013	1410	-1.69	NM	30.57	0.6	12.0	6.0	12.5	395	2500	1300	1200	
SVE-26	2/26/2013	1148	-1.24	NM	30.48	0.4	9.0	6.1	11.7	322	1730	1000	730	
SVE-26	3/21/2013	1026	-2.22	NM	30.18	0.4	8.0	5.0	13.6	290	1100	580	520	
SVE-26	4/25/2013	1325	-2.14	0.00	30.52	0.2	4.0	4.8	14.4	305	930	320	610	Tedlar sampled and screened 4/25/13. All other data collected 4/24/13.
SVE-26	5/22/2013	1355	-3.05	0.00	30.52	0.3	7.0	4.5	13.9	360	1300	860	440	
SVE-26	6/25/2013	648	-3.27	NM	30.87	0.0	0.0	4.1	15.4	22.0	108	60.3	47.7	
SVE-27	12/3/2012	1410	-1.80	NM	NM	3.0	60.0	11.0	4.0	1940	17400	7800	9600	
SVE-27	12/4/2012	1315	-3.11	NM	29.64	3.7	74.0	11.5	1.5	2295	23400	10100	13300	
SVE-27	12/13/2012	1309	-2.10	NM	30.05	4.7	95.0	11.4	3.3	1640	28300	17300	11000	Vacuum reading surging. Highest observed value listed.
SVE-27	12/19/2012	1440	-2.23	NM	NM	5.5	OVR	10.9	3.7	1860	33600	25200	8400	
SVE-27	1/16/2013	1500	-2.25	NM	29.65	6.9	OVR	9.5	6.8	1066	42800	29400	13400	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Air Flow	Groundwater	Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Pitot Tube Pressure (Inches of H_20)	Depth to Water (feet)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
SVE-27	2/26/2013	1139	-2.40	NM	30.16	10.6	OVR	9.3	7.6	1050	44200	33300	10900	
SVE-27	3/21/2013	1036	-0.92	NM	29.32	6.9	OVR	8.9	7.7	1170	30000	23100	6900	
SVE-27	4/25/2013	1333	-3.46	0.00	29.28	7.0	OVR	9.2	7.5	970	30200	23600	6600	Tedlar sampled and screened 4/25/13. All other data collected 4/24/13.
SVE-27	5/22/2013	1401	-4.38	0.00	29.79	8.8	OVR	9.0	7.5	667	26200	21800	4400	
SVE-27	6/25/2013	630	-4.32	NM	30.18	7.8	OVR	9.1	7.6	320	13400	10200	3200	
SVE-28	2/20/2012	935	-2.45	NA	NA	55.9	OVR	0.4	20.0	99.0	80000	28500	51500	
SVE-28	2/21/2012	1036	-2.73	NA	NA	0.9	18.0	0.1	20.9	150	1462	410	1052	
SVE-28	2/22/2012	957	-1.80	NA	NA	0.0	0.0	0.1	20.8	18.0	98.0	31.1	66.9	
SVE-28	2/29/2012	843	-1.73	NA	NA	0.2	5.0	0.1	20.9	19.7	533	133	400	
SVE-28	3/21/2012	829	-1.47	NA	NA	0.1	3.0	0.1	20.9	23.6	231	61.0	170	
SVE-28	4/18/2012	919	-2.27	0.60	42.62	4.1	83.0	0.0	20.9	47.5	7350	4920	2430	
SVE-28	5/16/2012	1100	-2.50	1.80	42.80	0.1	2.0	0.0	20.9	4.0	63.9	31.5	32.4	
SVE-28	6/20/2012	705	-2.55	0.01	42.81	10.4	OVR	0.1	20.6	51.7	11000	6550	4450	
SVE-28	7/18/2012	610	-2.68	0.00	42.83	1.7	34.0	0.0	20.9	40.4	4720	3100	1620	
SVE-28	8/15/2012	1334	-2.39	0.00	NA	1.8	38.0	0.4	20.2	153	2450	1470	980	
SVE-28	9/19/2012	912	-3.92	NA	44.51	0.8	17.0	7.3	8.7	69.6	2560	1130	1430	
SVE-28	10/17/2012	1020	-4.11	0.00	44.42	0.5	10.0	5.8	10.4	32.7	850	590	260	
SVE-28	11/20/2012	905	-3.73	0.19	44.66	0.3	7.0	5.5	11.3	39.0	905	450	455	
SVE-28	12/19/2012	945	-2.59	NA	45.32	1.7	34.0	7.2	10.2	81.1	2600	1300	1300	
SVE-28	1/16/2013	958	-2.48	NM	45.35	0.4	8.0	7.3	10.0	34.8	1450	970	480	
SVE-28	2/25/2013	1017	-2.60	NM	45.90	1.0	20.0	8.4	9.2	28.1	3000	1550	1450	
SVE-28	3/20/2013	1224	-5.25	NM	46.00	5.9	OVR	8.6	9.4	85.9	8300	5900	2400	
SVE-28	4/24/2013	1222	-5.40	0.00	45.15	6.9	OVR	7.9	9.6	115	8700	4900	3800	
SVE-28	5/22/2013	1007	-4.92	0.29	44.64	46.0	OVR	8.3	7.6	120	26400	21500	4900	
SVE-28	6/24/2013	1512	-4.37	0.29	43.67	4.2	85.0	9.2	6.5	109	6100	4200	1900	
SVE-29	2/20/2012	945	-2.50	NA	NA	OVR	OVR	9.4	1.6	135	643000	225000	418000	
SVE-29	2/21/2012	1047	-2.76	NA	NA	OVR	OVR	9.1	1.3	148	564000	347000	217000	
SVE-29	2/22/2012	1023	-1.85	NA	NA	OVR	OVR	8.6	2.6	140	450000	149000	301000	
SVE-29	2/29/2012	902	-1.70	NA	NA	OVR	OVR	8.4	2.1	148	460000	100000	360000	
SVE-29	3/21/2012	838	-1.59	NA	NA	OVR	OVR	7.9	2.8	133	396000	247000	149000	
SVE-29	4/18/2012	942	-2.31	0.08	33.53	OVR	OVR	6.9	4.6	168	221000	103000	118000	
SVE-29	5/16/2012	1122	-2.47	0.28	NA	OVR	OVR	8.6	1.9	138	283000	129000	154000	
SVE-29	6/20/2012	727	-2.61	0.01	33.59	OVR	OVR	7.5	5.5	140	102000	100000	2000	
SVE-29	7/18/2012	632	-2.73	0.04	33.51	OVR	OVR	6.6	7.2	90.0	175000	88200	86800	
SVE-29	8/15/2012	1252	-2.45	0.00	NA	OVR	OVR	6.9	8.2	108	91800	57500	34300	
SVE-29	9/19/2012	923	-3.94	NA	33.54	OVR	OVR	7.3	8.3	245	74460	34300	40160	
SVE-29	10/17/2012	1032	-4.10	0.00	33.54	OVR	OVR	8.4	6.5	203	122000	61500	60500	
SVE-29	11/20/2012	917	-3.75	0.07	33.59	OVR	OVR	11.3	2.5	215	108000	64600	43400	
SVE-29	12/19/2012	955	-2.64	NA	33.56	OVR	OVR	12.5	1.3	255	132000	71100	60900	
SVE-29	1/16/2013	1008	-2.51	NM	33.59	OVR	OVR	12.8	1.6	230	170000	78500	91500	
SVE-29	2/25/2013	1027	-2.60	NM	33.55	OVR	OVR	13.2	1.8	191	135000	62100	72900	
SVE-29	3/20/2013	1241	-5.13	NM	33.57	OVR	OVR	12.1	3.4	208	160000	77000	83000	
SVE-29	4/24/2013	1234	-5.42	0.34	33.53	OVR	OVR	11.8	3.5	232	206000	70000	136000	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Air Flow	Groundwater	Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Pitot Tube Pressure (Inches of H_20)	Depth to Water (feet)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
SVE-29	5/22/2013	1015	-4.92	0.02	33.49	OVR	OVR	11.4	3.4	174	260000	144000	116000	
SVE-29	6/24/2013	1523	-4.35	0.26	33.49	OVR	OVR	12.0	2.7	101	237000	79700	157300	
SVE-30	2/20/2012	955	-2.38	NA	NA	OVR	OVR	6.4	1.4	116	1000000	384000	616000	
SVE-30	2/21/2012	1057	-2.72	NA	NA	OVR	OVR	6.0	2.9	129	1000000	455000	545000	
SVE-30	2/22/2012	1046	-1.81	NA	NA	OVR	OVR	6.6	1.4	116	1000000	425000	575000	
SVE-30	2/29/2012	918	-1.03	NA	NA	12.4	OVR	0.1	20.9	634	3630	434	3196	
SVE-30	3/21/2012	849	-1.43	NA	NA	OVR	OVR	4.7	6.3	89.3	1000000	590000	410000	
SVE-30	4/18/2012	1001	-2.23	1.52	37.78	OVR	OVR	6.2	1.7	102	1000000	425000	575000	
SVE-30	5/16/2012	1141	-2.48	2.09	NA	OVR	OVR	6.6	1.6	110	1000000	419000	581000	
SVE-30	6/20/2012	743	-2.58	0.00	0.00	OVR	OVR	7.1	0.5	120	353000	201000	152000	
SVE-30	7/18/2012	649	-2.71	0.05	37.81	OVR	OVR	6.9	1.2	59.2	1000000	300000	700000	
SVE-30	8/15/2012	1221	-2.52	0.00	NA	OVR	OVR	7.5	1.1	120	927000	180000	747000	
SVE-30	9/19/2012	934	-3.92	NA	0.00	OVR	OVR	7.8	1.8	148	628000	211000	417000	
SVE-30	10/17/2012	1042	-4.01	0.00	37.80	OVR	OVR	8.4	1.9	156	619000	174000	445000	
SVE-30	11/20/2012	929	-3.68	0.00	37.90	OVR	OVR	9.4	1.0	184	709000	282000	427000	
SVE-30	12/19/2012	1025	-2.73	NA	37.79	OVR	OVR	9.5	1.0	199	690000	224000	466000	
SVE-30	1/16/2013	1019	-2.53	NM	37.82	OVR	OVR	8.9	2.4	175	1000000	250000	750000	
SVE-30	2/25/2013	1035	-2.58	NM	37.77	OVR	OVR	8.5	3.3	146	810000	175000	635000	
SVE-30	3/20/2013	1253	-5.12	NM	37.80	OVR	OVR	9.9	1.0	135	1000000	275000	725000	
SVE-30	4/24/2013	1246	-5.41	0.01	37.85	OVR	OVR	9.5	1.2	153	1000000	263000	737000	
SVE-30	5/22/2013	1023	-4.89	0.16	37.77	OVR	OVR	9.3	1.2	133	1000000	330000	670000	
SVE-30	6/24/2013	1529	-4.33	0.44	37.78	OVR	OVR	9.6	0.8	138	1000000	284000	716000	
SVE-31	2/10/2012	1405	-2.27	NA	NA	OVR	OVR	5.9	1.5	75.2	1000000	1000000	0.0	
SVE-31	2/13/2012	857	-2.58	NA	NA	OVR	OVR	5.8	1.0	92.4	1000000	810000	190000	
SVE-31	2/15/2012	910	-2.32	NA	NA	OVR	OVR	6.3	1.4	100	1000000	612000	388000	
SVE-31	2/22/2012	1114	-1.84	NA	NA	OVR	OVR	6.5	2.7	142	1000000	688000	312000	
SVE-31	2/29/2012	934	-1.33	NA	NA	OVR	OVR	4.5	9.3	187	519000	120000	399000	
SVE-31	3/21/2012	900	-1.43	NA	NA	OVR	OVR	7.8	0.8	160	1000000	1000000	0.0	
SVE-31	4/18/2012	1018	-2.18	0.12	37.72	OVR	OVR	8.3	0.8	215	790000	220000	570000	
SVE-31	5/16/2012	1158	-2.45	0.31	0.00	OVR	OVR	8.8	2.6	265	834000	185000	649000	
SVE-31	6/20/2012	757	-2.58	0.00	37.77	OVR	OVR	7.6	5.5	268	209000	61300	147700	
SVE-31	7/18/2012	704	-2.71	0.02	37.68	OVR	OVR	8.1	5.0	110	275000	125000	150000	
SVE-31	8/15/2012	1207	-2.57	0.00	NA	OVR	OVR	9.2	4.1	206	273000	86000	187000	
SVE-31	9/19/2012	943	-3.92	NA	37.65	OVR	OVR	8.2	4.7	236	322000	116000	206000	
SVE-31	10/17/2012	1053	-4.03	0.00	37.64	OVR	OVR	6.5	9.5	272	221000	82400	138600	
SVE-31	11/20/2012	939	-3.67	0.01	37.35	OVR	OVR	9.3	5.4	333	159000	46000	113000	
SVE-31	12/19/2012	1045	-2.70	NA	37.25	OVR	OVR	11.2	2.7	472	129000	44300	84700	
SVE-31	1/16/2013	1027	-2.58	NM	36.97	OVR	OVR	10.7	1.7	341	490000	50900	439100	
SVE-31	2/25/2013	1043	-2.64	NM	36.89	OVR	OVR	11.1	2.4	462	141000	31800	109200	
SVE-31	3/20/2013	1307	-5.16	NM	36.75	OVR	OVR	10.6	3.6	475	142000	38800	103200	
SVE-31	4/24/2013	1258	-5.42	0.05	37.28	OVR	OVR	10.3	5.2	495	80000	15100	64900	
SVE-31	5/22/2013	1032	-4.92	0.28	37.61	OVR	OVR	9.7	6.2	434	61500	26200	35300	
SVE-31	6/24/2013	1535	-4.30	0.26	37.60	OVR	OVR	9.6	6.0	351	65800	23500	42300	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Air Flow	Groundwater	Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Pitot Tube Pressure (Inches of H_20)	Depth to Water (feet)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
SVE-32	2/10/2012	1356	-2.29	NA	37.81	OVR	OVR	6.3	1.0	102	1000000	845000	155000	
SVE-32	2/13/2012	905	-2.59	NA	NA	OVR	OVR	6.1	1.5	105	1000000	882000	118000	
SVE-32	2/15/2012	945	-2.51	NA	NA	OVR	OVR	6.2	1.8	103	1000000	855000	145000	
SVE-32	2/22/2012	1134	-1.80	NA	NA	OVR	OVR	6.7	1.4	111	1000000	797000	203000	
SVE-32	2/29/2012	952	-1.37	NA	NA	OVR	OVR	6.9	1.7	99.0	1000000	549000	451000	
SVE-32	3/21/2012	910	-1.44	NA	NA	OVR	OVR	7.3	0.9	104	1000000	1000000	0.0	
SVE-32	4/18/2012	1039	-2.10	0.44	NE	OVR	OVR	7.2	1.2	115	1000000	668000	332000	
SVE-32	5/16/2012	1214	-2.34	0.00	NE	OVR	OVR	8.0	1.6	135	1000000	525000	475000	
SVE-32	6/20/2012	812	-2.63	0.00	37.82	OVR	OVR	9.0	0.8	151	973000	167000	806000	
SVE-32	7/18/2012	723	-2.69	0.01	37.77	OVR	OVR	8.6	1.7	65.6	980000	240000	740000	
SVE-32	8/15/2012	1151	-2.61	0.08	NA	OVR	OVR	9.5	1.5	141	447000	171000	276000	
SVE-32	9/19/2012	953	-3.95	NA	37.80	OVR	OVR	8.8	3.7	163	748000	224000	524000	
SVE-32	10/17/2012	1157	-4.17	0.00	37.74	OVR	OVR	9.1	3.8	159	911000	262000	649000	
SVE-32	11/20/2012	949	-3.69	0.01	37.76	OVR	OVR	8.9	4.6	198	440000	204000	236000	
SVE-32	12/19/2012	1059	-2.53	NA	37.74	OVR	OVR	9.6	4.1	250	495000	118000	377000	
SVE-32	1/16/2013	1037	-2.52	NM	37.84	OVR	OVR	9.4	3.9	217	715000	190000	525000	
SVE-32	2/25/2013	1049	-2.63	NM	37.81	OVR	OVR	10.1	3.3	177	365000	164000	201000	
SVE-32	3/20/2013	1322	-5.17	NM	37.78	OVR	OVR	9.5	4.9	184	790000	215000	575000	
SVE-32	4/24/2013	1310	-5.41	0.15	37.87	OVR	OVR	8.8	6.4	206	630000	135000	495000	
SVE-32	5/22/2013	1042	-4.90	0.15	37.88	OVR	OVR	8.3	6.7	183	400000	200000	200000	
SVE-32	6/24/2013	1542	-4.35	0.46	37.70	OVR	OVR	8.4	6.4	185	282000	100000	182000	
SVE-33	2/10/2012	1351	-2.30	NA	37.73	OVR	OVR	8.6	1.5	204	1000000	118000	882000	
SVE-33	2/13/2012	917	-2.59	NA	NA	OVR	OVR	8.5	1.0	212	1000000	146000	854000	
SVE-33	2/15/2012	1005	-2.44	NA	NA	OVR	OVR	8.5	1.7	210	990000	193000	797000	
SVE-33	2/22/2012	1428	-1.91	NA	NA	OVR	OVR	7.6	1.6	169	1000000	690000	310000	
SVE-33	2/29/2012	1011	-1.33	NA	NA	OVR	OVR	7.4	1.3	142	1000000	283000	717000	
SVE-33	3/21/2012	920	-1.41	NA	NA	OVR	OVR	7.4	1.0	144	1000000	1000000	0.0	
SVE-33	4/18/2012	1101	-2.18	0.15	37.59	OVR	OVR	6.8	0.8	148	1000000	542000	458000	
SVE-33	5/16/2012	1234	-2.43	1.11	0.00	OVR	OVR	7.7	0.9	165	1000000	420000	580000	
SVE-33	6/20/2012	835	-2.62	0.00	37.67	OVR	OVR	8.6	0.2	165	1000000	404000	596000	
SVE-33	7/18/2012	744	-2.74	0.01	37.60	OVR	OVR	8.4	1.2	77.1	1000000	375000	625000	
SVE-33	8/15/2012	1128	-2.72	0.01	NA	OVR	OVR	9.2	1.9	154	374000	144000	230000	
SVE-33	9/19/2012	1007	-4.35	NA	37.61	OVR	OVR	8.6	5.6	191	509000	175000	334000	
SVE-33	10/17/2012	1245	-4.33	0.00	37.59	OVR	OVR	7.8	7.6	218	506000	159000	347000	
SVE-33	11/20/2012	1002	-3.87	0.01	37.65	OVR	OVR	7.3	7.7	229	218000	125000	93000	
SVE-33	12/19/2012	1115	-2.66	NA	37.58	OVR	OVR	7.7	8.1	322	340000	128000	212000	
SVE-33	1/16/2013	1049	-2.55	NM	37.63	OVR	OVR	7.5	7.0	245	395000	135000	260000	
SVE-33	2/25/2013	1055	-2.61	NM	37.57	OVR	OVR	7.9	7.2	232	293000	97000	196000	
SVE-33	3/20/2013	1338	-5.28	NM	37.59	OVR	OVR	7.3	9.0	265	315000	96000	219000	
SVE-33	4/24/2013	1322	-5.52	0.11	37.62	OVR	OVR	6.9	9.7	273	318000	84000	234000	
SVE-33	5/22/2013	1049	-5.01	0.07	37.55	OVR	OVR	6.7	8.7	211	294000	164000	130000	
SVE-33	6/24/2013	1548	-4.47	0.27	37.55	OVR	OVR	6.6	8.4	144	686000	161000	525000	
SVE-34	2/13/2012	1331	-2.17	NA	NA	OVR	OVR	10.2	1.0	320	290000	80000	210000	

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SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Air Flow	Groundwater	Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Pitot Tube Pressure (Inches of H_20)	Depth to Water (feet)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
SVE-34	2/14/2012	1552	-2.85	NA	NA	OVR	OVR	10.1	1.4	286	290000	63000	227000	
SVE-34	2/15/2012	1032	-2.71	NA	NA	OVR	OVR	9.9	1.3	298	540000	80400	459600	
SVE-34	2/22/2012	1455	-2.17	NA	NA	OVR	OVR	9.5	2.3	269	840000	166000	674000	
SVE-34	2/29/2012	1048	-1.25	NA	NA	OVR	OVR	9.5	2.0	261	333000	120000	213000	
SVE-34	3/21/2012	930	-1.44	NA	NA	OVR	OVR	9.1	1.9	238	379000	100000	279000	
SVE-34	4/18/2012	1119	-2.38	0.99	44.77	OVR	OVR	8.8	1.5	280	275000	98000	177000	
SVE-34	5/16/2012	1248	-2.55	0.00	44.85	OVR	OVR	9.2	2.4	300	268000	110000	158000	
SVE-34	6/20/2012	857	-2.81	0.00	44.81	OVR	OVR	8.9	4.4	226	172000	70000	102000	
SVE-34	7/18/2012	812	-2.94	0.01	44.82	OVR	OVR	7.9	7.0	110	243000	115000	128000	
SVE-34	8/15/2012	1107	-2.98	0.02	NA	OVR	OVR	8.2	7.1	212	123000	73000	50000	
SVE-34	9/19/2012	1024	-4.65	NA	46.32	OVR	OVR	7.2	9.4	276	145000	56600	88400	
SVE-34	10/17/2012	1256	-4.77	0.00	46.29	OVR	OVR	7.5	9.4	282	161000	62800	98200	
SVE-34	11/20/2012	1012	-4.08	0.01	46.65	OVR	OVR	7.3	9.9	313	80400	60200	20200	
SVE-34	12/19/2012	1130	-2.65	NA	47.16	OVR	OVR	7.5	9.8	435	102000	48500	53500	
SVE-34	1/16/2013	1058	-2.61	NM	47.38	OVR	OVR	8.0	8.9	370	108000	42000	66000	
SVE-34	2/25/2013	1104	-2.69	NM	47.90	OVR	OVR	7.9	9.7	447	58900	25400	33500	
SVE-34	3/20/2013	1353	-5.77	NM	47.70	OVR	OVR	6.9	11.0	422	63900	32800	31100	
SVE-34	4/24/2013	1334	-5.59	0.03	47.51	OVR	OVR	6.3	11.8	365	72300	26300	46000	
SVE-34	5/22/2013	1056	-5.13	0.29	46.67	OVR	OVR	6.6	10.5	245	80400	59000	21400	
SVE-34	6/24/2013	1551	-4.76	0.32	45.44	OVR	OVR	6.9	10.2	223	94800	56700	38100	
SVE-35	2/13/2012	1337	-2.27	NA	NA	OVR	OVR	12.3	1.0	355	96800	46000	50800	
SVE-35	2/14/2012	1600	-2.82	NA	NA	OVR	OVR	12.2	1.5	246	136000	69400	66600	
SVE-35	2/15/2012	1054	-2.77	NA	NA	OVR	OVR	12.0	1.4	228	102000	68400	33600	
SVE-35	2/22/2012	1509	-2.27	NA	NA	OVR	OVR	11.4	1.6	241	171000	110000	61000	
SVE-35	2/29/2012	1104	-1.52	NA	NA	OVR	OVR	11.1	1.9	258	175000	62700	112300	
SVE-35	3/21/2012	947	-1.42	NA	NA	OVR	OVR	11.3	0.7	321	69700	53800	15900	
SVE-35	4/18/2012	1137	-2.35	1.37	42.82	OVR	OVR	10.3	3.1	320	52800	28400	24400	
SVE-35	5/16/2012	1319	-2.55	0.01	42.90	85.3	OVR	9.7	4.9	395	29700	15100	14600	
SVE-35	6/20/2012	1015	-2.67	0.01	42.91	59.6	OVR	9.2	6.7	405	16700	9800	6900	
SVE-35	7/18/2012	837	-2.95	0.11	42.94	35.0	OVR	8.3	8.8	401	17000	6500	10500	
SVE-35	8/15/2012	1051	-3.05	0.00	NA	35.9	OVR	8.4	9.5	394	12800	5100	7700	
SVE-35	9/19/2012	1034	-4.76	NA	44.34	27.8	OVR	8.2	10.4	525	9600	4100	5500	
SVE-35	10/17/2012	1308	-4.88	0.00	44.26	17.5	OVR	7.6	11.8	521	9200	1900	7300	
SVE-35	11/20/2012	1024	-4.14	0.01	44.24	10.2	OVR	7.2	11.7	431	5600	2000	3600	
SVE-35	12/19/2012	1140	-2.67	NA	44.20	4.2	84.0	7.4	12.0	440	3300	1300	2000	
SVE-35	1/16/2013	1109	-2.55	NM	44.37	7.2	OVR	7.9	11.4	481	4100	1920	2180	
SVE-35	2/25/2013	1113	-2.55	NM	44.30	9.3	OVR	7.9	10.9	377	5700	1900	3800	
SVE-35	3/20/2013	1408	-5.09	NM	44.12	13.0	OVR	6.9	13.0	385	8200	4100	4100	
SVE-35	4/24/2013	1346	-5.10	0.23	44.21	8.4	OVR	5.7	13.8	410	8900	4100	4800	
SVE-35	5/22/2013	1105	-4.69	0.34	44.32	5.9	OVR	5.8	13.2	294	3600	2500	1100	
SVE-35	6/24/2013	1557	-4.40	0.37	43.61	3.4	69	5.6	13.5	309	3800	1900	1900	
SVE-36	2/6/2012	1438	-3.05	NA	22.83	75.8	OVR	13.9	0.5	117	160000	105000	55000	
SVE-36	2/7/2012	1121	-3.12	NA	NA	76.9	OVR	13.7	1.0	111	96800	91470	5330	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Air Flow	Groundwater	Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Pitot Tube Pressure (Inches of H_20)	Depth to Water (feet)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
SVE-36	2/8/2012	1022	-3.35	NA	23.60	68.7	OVR	12.5	2.2	117	93940	89730	4210	
SVE-36	2/15/2012	1151	-2.77	NA	NA	74.5	OVR	10.5	4.9	100	120000	93480	26520	
SVE-36	2/22/2012	1618	-2.67	NA	NA	84.2	OVR	10.2	5.4	84.4	200000	183000	17000	
SVE-36	2/29/2012	1411	-1.35	NA	NA	80.9	OVR	10.5	5.5	82.1	120000	97000	23000	
SVE-36	3/21/2012	1022	-1.41	NA	NA	16.4	OVR	6.5	10.1	302	22450	13800	8650	
SVE-36	4/18/2012	1246	-2.64	2.08	22.81	8.4	OVR	6.6	10.4	348	9280	5700	3580	
SVE-36	5/16/2012	1420	-2.88	0.03	0.00	3.8	76.0	6.4	11.8	320	1900	1500	400	
SVE-36	6/20/2012	1115	-2.89	0.05	22.89	1.2	25.0	5.7	12.6	225	2300	572	1728	
SVE-36	7/18/2012	954	-3.24	0.01	22.81	0.6	12.0	5.3	13.6	227	910	100	810	
SVE-36	8/16/2012	1020	-3.51	NA	NA	0.5	12.0	4.8	15.4	243	967	90.0	877	
SVE-36	9/19/2012	1118	-5.77	NA	NE	0.3	13.0	3.2	17.1	235	891	82.0	809	
SVE-36	10/17/2012	1354	-6.39	0.00	22.79	0.4	8.0	3.1	17.4	157	1380	131	1249	
SVE-36	11/20/2012	1119	-5.12	0.26	22.78	0.0	1.0	1.7	18.7	103	249	23.9	225	
SVE-36	12/19/2012	1425	-3.20	NA	22.73	0.0	0.0	3.4	17.1	67.9	190	23.4	167	
SVE-36	1/16/2013	1147	-3.12	NM	22.72	0.0	0.0	2.9	17.4	62.7	115	4.8	110	
SVE-36	2/25/2013	1143	-3.55	NM	22.70	0.0	1.0	2.3	18.2	25.2	85.9	29.9	56.0	
SVE-36	3/20/2013	1459	-7.65	NM	22.69	0.2	5.0	1.9	18.7	30.1	580	506	74.0	
SVE-36	4/24/2013	1434	-7.16	0.28	22.75	0.0	0.0	1.8	18.5	16.4	260	236	24	
SVE-36	5/22/2013	1137	-6.77	0.02	22.75	0.0	0.0	2.2	17.8	21.9	190	167	23	
SVE-36	6/25/2013	944	-6.85	-0.01	22.84	0.0	1.0	2.7	17.4	18.5	58.8	29.9	28.9	

Notes:
1) NM = Not Measured; NA = Not Applicable; NE = Not Encountered; PID = Photo Ionization Detector; THC = Total Hydrocarbon Concentration; PHC = Petroleum Hydrocarbon Concentration; OVR = Over-range; ppmv = Parts Per Million By Volume.

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-01-5	2/15/2012	1641	0.05	0.08	0.0	0.0	3.7	12.4	25.1	64.5	6.7	57.8	
VMP-01-5	2/16/2012	1433	0.06	0.06	0.0	0.0	2.1	20.0	23.7	72.5	23.5	49.0	
VMP-01-5	2/17/2012	1327	0.06	0.07	0.0	0.0	3.2	5.4	7.0	28.2	18.1	10.1	
VMP-01-5	2/22/2012	804	0.04	0.00	42.1	OVR	11.4	1.0	154	22470	7870	14600	
VMP-01-5	2/29/2012	846	-1.11	- 0.24	12.0	OVR	5.0	16.2	186	5430	214	5216	
VMP-01-5	3/21/2012	1356	0.03	0.08	0.0	0.0	1.2	19.0	4.0	3.9	0.0	3.9	
VMP-01-5	4/18/2012	829	-0.14	-0.03	0.0	0.0	1.9	19.5	2.4	1.5	0.0	1.5	
VMP-01-5	5/16/2012	834	-0.09	-0.07	0.0	0.0	2.1	18.9	1.0	6.1	4.4	1.7	
VMP-01-5	6/20/2012	1353	0.07	0.09	0.0	0.0	2.2	18.6	1.0	9.6	5.6	4.0	
VMP-01-5	7/18/2012	1348	0.04	0.05	0.0	0.0	1.4	18.8	0.8	23.6	11.0	12.6	
VMP-01-5	8/15/2012	1404	0.00	0.03	0.0	0.0	1.4	17.7	0.7	7.0	0.0	7.0	
VMP-01-5	9/19/2012	837	-0.04	-0.08	0.0	0.0	0.6	20.4	0.6	4.6	0.0	4.6	
VMP-01-5	10/17/2012	810	-0.09	-0.05	0.0	0.0	1.7	19.5	1.3	48.2	31.8	16.4	
VMP-01-5	11/20/2012	1432	-0.03	-0.02	0.0	0.0	0.5	20.3	0.4	5.4	2.7	2.7	
VMP-01-5	12/19/2012	830	-0.54	-0.06	0.0	0.0	0.5	20.5	0.5	3.8	0.0	3.8	
VMP-01-5	1/16/2013	1345	0.02	- 0.04	OVR	OVR	3.6	12.6	92.5	120000	64200	55800	Resampled and confirmed.
VMP-01-5	2/26/2013	900	0.06	- 0.09	65.0	OVR	4.1	13.0	75.7	49200	33000	16200	
VMP-01-5	3/21/2013	1256	-0.01	0.04	0.0	0.0	0.2	18.6	0.9	1.9	0.0	1.9	VMP reinstalled on 3/6/13.
VMP-01-5	4/24/2013	840	-0.50	-0.36	0.0	0.0	0.7	17.2	0.4	3.0	0.0	3.0	
VMP-01-5	5/23/2013	810	-0.37	0.42	0.0	0.0	1.7	14.6	0.7	1.7	0.0	1.7	
VMP-01-5	6/26/2013	1107	0.11	0.00	0.0	0.0	3.4	13.9	0.5	4.6	0.0	4.6	
VMP-01-8.5	2/15/2012	1642	-0.04	0.10	0.0	0.0	9.5	3.3	26.5	183	126	57.4	
VMP-01-8.5	2/16/2012	1434	4.70	0.08	0.0	0.0	0.2	20.9	15.1	53.8	32.9	20.9	
VMP-01-8.5	2/17/2012	1327	0.11	0.09	0.0	0.0	9.4	1.7	8.6	53.8	35.2	18.6	
VMP-01-8.5	2/22/2012	807	0.04	0.00	35.6	OVR	11.4	1.6	152	19860	6520	13340	
VMP-01-8.5	2/29/2012	847	-1.03	- 0.26	14.6	OVR	6.9	15.0	189	4460	139	4321	
VMP-01-8.5	3/21/2012	1357	0.04	0.10	0.0	0.0	4.3	9.6	4.5	0.0	0.0	0.0	
VMP-01-8.5	4/18/2012	830	-0.08	-0.03	0.0	0.0	2.5	19.2	3.4	2.1	0.0	2.1	
VMP-01-8.5	5/16/2012	839	-0.10	-0.12	0.0	0.0	2.2	19.0	1.1	3.9	0.0	3.9	
VMP-01-8.5	6/20/2012	1354	0.06	0.04	0.0	0.0	5.9	10.9	2.0	1.8	0.0	1.8	
VMP-01-8.5	7/18/2012	1352	0.04	0.07	0.0	0.0	4.2	14.2	2.3	42.1	30.7	11.4	
VMP-01-8.5	8/15/2012	1419	0.01	-0.04	0.0	0.0	5.0	13.9	1.3	4.9	0.0	4.9	
VMP-01-8.5	9/19/2012	838	-0.68	-0.76	0.0	0.0	0.8	20.0	0.9	3.0	0.0	3.0	
VMP-01-8.5	10/17/2012	811	-0.10	0.28	0.0	0.0	3.1	17.1	0.7	3.4	0.0	3.4	
VMP-01-8.5	11/20/2012	1434	-0.02	-0.01	0.0	0.0	1.1	19.4	0.6	3.5	0.0	3.5	
VMP-01-8.5	12/19/2012	835	-0.04	-0.60	0.0	0.0	0.7	20.1	0.8	3.3	0.0	3.3	
VMP-01-8.5	1/16/2013	1350	0.06	- 0.05	1.5	31.0	1.7	19.1	59.1	4200	1800	2400	Resampled and confirmed.
VMP-01-8.5	2/25/2013	900	0.06	- 0.14	0.4	9.0	4.0	14.9	27.3	1100	579	521	
VMP-01-8.5	3/21/2013	1300	-0.02	0.07	0.0	0.0	2.1	18.6	0.5	1.2	0.0	1.2	VMP reinstalled on 3/6/13.

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-01-8.5	4/24/2013	845	-0.52	-0.38	0.0	0.0	2.5	17.4	0.6	3.9	0.0	3.9	
VMP-01-8.5	5/23/2013	811	-0.41	-0.43	0.0	0.0	3.0	16.6	0.3	0.7	0.0	0.7	
VMP-01-8.5	6/26/2013	1111	-0.07	-0.28	0.0	0.0	3.6	15.0	0.6	20.6	20.6	0.0	
VMP-01-23.5	2/15/2012	1643	0.06	0.01	OVR	OVR	9.9	1.7	68.9	132000	127000	5000	
VMP-01-23.5	2/16/2012	1435	0.09	0.14	6.1	OVR	11.6	1.7	45.4	19990	13800	6190	
VMP-01-23.5	2/17/2012	1327	-0.02	0.09	OVR	OVR	10.1	1.2	76.2	161000	88990	72010	
VMP-01-23.5	2/22/2012	808	0.04	- 0.13	OVR	OVR	8.3	1.2	53.5	560000	250000	310000	
VMP-01-23.5	2/29/2012	848	-1.04	- 0.24	OVR	OVR	10.1	1.4	63.7	133000	85100	47900	
VMP-01-23.5	3/21/2012	1358	0.06	0.16	OVR	OVR	9.4	1.5	67.5	64900	46200	18700	
VMP-01-23.5	4/18/2012	831	-0.12	-0.05	OVR	OVR	10.0	1.0	64.6	128000	69100	58900	
VMP-01-23.5	5/16/2012	843	-0.21	-0.24	11.4	OVR	11.6	1.8	41.6	13800	7700	6100	
VMP-01-23.5	6/20/2012	1355	0.05	0.11	16.5	OVR	10.9	1.4	58.3	57600	38600	19000	
VMP-01-23.5	7/18/2012	1349	0.30	0.07	OVR	OVR	6.7	8.3	52.6	38500	23300	15200	
VMP-01-23.5	8/15/2012	1414	0.00	0.00	OVR	OVR	7.0	8.4	128	44900	28900	16000	
VMP-01-23.5	9/19/2012	839	-0.09	-0.09	0.0	1.0	3.1	16.9	4.2	14.3	4.9	9.4	Sample integrity compromised during screening.
VMP-01-23.5	10/17/2012	812	-0.05	-0.26	OVR	OVR	5.3	9.5	70.2	208000	124000	84000	
VMP-01-23.5	11/20/2012	1436	-0.06	-0.04	OVR	OVR	3.2	14.8	125	40300	28500	11800	
VMP-01-23.5	12/19/2012	840	-0.05	-0.06	0.0	1.0	2.5	17.3	1.2	14.5	4.9	9.6	
VMP-01-23.5	1/16/2013	1355	0.05	-0.04	OVR	OVR	4.8	9.0	86.3	220000	105000	115000	Resampled and confirmed.
VMP-01-23.5	2/26/2013	905	0.07	-0.32	OVR	OVR	5.3	7.3	54.0	285000	136000	149000	
VMP-01-23.5	3/21/2013	1304	-0.36	-0.04	OVR	OVR	10.1	1.8	81.4	85700	36700	49000	VMP reinstalled on 3/6/13.
VMP-01-23.5	4/24/2013	850	-0.56	-0.42	0.0	0.0	4.3	14.6	1.4	34.5	32.7	1.8	
VMP-01-23.5	5/23/2013	812	0.00	-1.16	0.0	0.0	4.7	14.1	0.6	1.4	0.0	1.4	
VMP-01-23.5	6/26/2013	1115	0.12	-0.37	OVR	OVR	7.4	1.3	75.06	413000	380000	33000	
VMP-01-38.5	2/15/2012	1644	0.06	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-01-38.5	2/16/2012	1436	0.18	0.03	0.0	0.0	1.2	20.6	20.5	73.9	22.2	51.7	
VMP-01-38.5	2/17/2012	1327	-0.05	0.04	0.0	0.0	1.4	13.7	7.1	10.5	10.5	0	
VMP-01-38.5	2/22/2012	808	0.02	- 0.02	10.5	OVR	4.8	12.6	121	8980	2980	6000	
VMP-01-38.5	2/29/2012	849	-1.02	- 0.33	5.5	OVR	3.4	17.8	150	4625	74.3	4551	
VMP-01-38.5	3/21/2012	1359	-0.03	0.06	0.2	4.0	0.6	20.3	37.2	165	30.8	134	
VMP-01-38.5	4/18/2012	832	-0.44	0.00	0.0	0.0	1.9	19.5	3.2	2.6	0.0	2.6	
VMP-01-38.5	5/16/2012	849	-1.94	-0.23	0.0	0.0	1.4	19.6	1.9	25.8	20.5	5.3	
VMP-01-38.5	6/20/2012	1356	0.03	0.04	0.0	0.0	0.3	20.7	0.5	10.1	4.0	6.1	
VMP-01-38.5	7/18/2012	1353	0.00	0.06	0.1	3.0	1.2	18.4	7.5	436	185	251	
VMP-01-38.5	8/15/2012	1409	-1.19	-0.07	0.0	0.0	1.3	18.6	2.8	89.2	44.2	45.0	
VMP-01-38.5	9/19/2012	840	-0.07	-0.07	0.0	0.0	0.3	20.6	0.9	4.3	0.0	4.3	
VMP-01-38.5	10/17/2012	815	0.00	-0.05	68.1	OVR	0.9	19.9	72.3	35400	24400	11000	
VMP-01-38.5	11/20/2012	1438	-0.04	-0.03	0.2	4.0	0.3	20.3	17.0	375	133	242	
VMP-01-38.5	12/19/2012	845	-0.07	-0.05	0.0	0.0	0.3	20.7	2.2	16.3	0.0	16.3	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-01-38.5	1/16/2013	1400	0.05	-0.04	OVR	OVR	3.1	11.5	87.8	215000	104000	111000	Resampled and confirmed.
VMP-01-38.5	2/25/2013	907	-0.10	-0.02	OVR	OVR	3.3	11.7	65.0	140000	77900	62100	
VMP-01-38.5	3/21/2013	1308	-1.11	-0.50	OVR	OVR	4.0	0.9	25.7	1000000	1000000	0.0	VMP reinstalled on 3/6/13.
VMP-01-38.5	4/24/2013	855	-0.97	-0.70	OVR	OVR	4.2	0.5	37.73	1000000	1000000	0.0	
VMP-01-38.5	5/23/2013	813	-0.67	-0.42	OVR	OVR	4.3	0.9	44.23	1000000	1000000	0.0	
VMP-01-38.5	6/26/2013	1119	0.00	-0.13	OVR	OVR	3.9	1.7	47.17	1000000	1000000	0.0	
VMP-02-5	2/15/2012	1705	-0.11	0.18	0.0	0.0	1.6	19.2	12.0	39.3	2.0	37.3	
VMP-02-5	2/16/2012	1524	0.18	0.17	0.0	0.0	0.5	20.9	4.0	13.3	6.3	6.9	
VMP-02-5	2/17/2012	1356	0.07	0.08	0.0	0.0	4.6	11.4	3.0	15.4	15.3	0.1	
VMP-02-5	2/22/2012	825	-0.01	- 0.01	0.0	0.0	7.6	11.2	10.5	94.0	58.0	36.0	
VMP-02-5	2/29/2012	906	-0.07	- 0.05	0.0	0.0	1.0	20.7	1.0	37.1	3.5	33.6	
VMP-02-5	3/21/2012	1416	0.05	0.06	0.0	0.0	1.1	19.2	0.6	0.0	0.0	0.0	
VMP-02-5	4/18/2012	914	-0.16	-0.09	0.0	0.0	0.1	20.8	0.3	3.0	0.0	3.0	
VMP-02-5	5/16/2012	901	-0.30	-0.30	0.0	0.0	0.1	20.8	0.2	1.7	0.0	1.7	
VMP-02-5	6/20/2012	1419	0.03	0.02	0.0	0.0	0.7	20.0	1.6	5.8	3.1	2.8	
VMP-02-5	7/18/2012	1425	0.04	-0.02	0.0	0.0	1.1	19.1	0.6	2.5	0.0	2.5	
VMP-02-5	8/15/2012	1323	-0.13	0.00	0.0	0.0	3.0	18.1	0.6	3.1	0.0	3.1	
VMP-02-5	9/19/2012	920	-0.25	-0.21	0.0	0.0	0.5	20.6	0.8	2.7	0.0	2.7	
VMP-02-5	10/17/2012	1214	-0.08	-0.07	0.0	0.0	0.2	20.7	0.3	1.7	0.0	1.7	
VMP-02-5	11/20/2012	1458	-0.19	-0.22	0.0	0.0	0.4	20.4	0.1	1.6	0.0	1.6	
VMP-02-5	12/19/2012	900	-0.26	-0.32	0.0	0.0	0.6	20.3	0.2	0.9	0.0	0.9	
VMP-02-5	1/16/2013	1410	-0.04	-0.15	0.0	0.0	0.9	19.7	0.2	1.5	0.0	1.5	
VMP-02-5	2/26/2013	920	-0.07	-0.06	0.2	5.0	2.6	15.4	4.9	1210	1110	100	
VMP-02-5	2/26/2013	1330	-0.08	NM	2.4	47.0	2.2	13.5	25.5	5500	1900	3600	Resampled tedlar and vacuum to confirm readings.
VMP-02-5	3/21/2013	1314	-0.11	-0.04	0.0	0.0	0.2	20.8	0.5	1.2	0.0	1.2	
VMP-02-5	4/24/2013	945	-0.68	-0.49	0.0	0.0	0.4	20.7	0.3	0.2	0.0	0.2	
VMP-02-5	5/23/2013	1256	-0.59	-0.52	0.0	0.0	0.5	20.6	0.4	0.3	0.0	0.3	
VMP-02-5	6/25/2013	1337	-0.09	0.00	0.0	0.0	0.5	20.2	0.3	2.3	0.0	2.3	
VMP-02-8.5	2/15/2012	1706	-0.12	0.22	0.0	0.0	6.4	11.7	16.5	28.3	1.0	27.3	
VMP-02-8.5	2/16/2012	1525	0.36	0.18	0.0	0.0	2.3	18.8	4.3	13.6	3.8	9.8	
VMP-02-8.5	2/17/2012	1356	0.08	0.09	0.0	0.0	8.0	9.8	4.7	25.9	16.2	9.7	
VMP-02-8.5	2/22/2012	825	-0.05	- 0.02	0.0	0.0	0.2	20.8	1.6	10.8	5.5	5.3	
VMP-02-8.5	2/29/2012	906	-0.16	0.06	0.0	0.0	2.7	17.9	11.0	38.2	4.2	34.0	
VMP-02-8.5	3/21/2012	1417	-0.04	0.05	0.0	0.0	6.0	14.0	0.7	0.0	0.0	0.0	
VMP-02-8.5	4/18/2012	915	-0.16	-0.10	0.0	0.0	1.5	19.3	0.4	2.5	0.0	2.5	
VMP-02-8.5	5/16/2012	905	-0.32	-0.31	0.0	0.0	0.9	20.1	0.3	0.8	0.0	0.8	
VMP-02-8.5	6/20/2012	1321	0.02	0.03	0.0	0.0	4.2	16.4	0.9	2.2	0.0	2.2	
VMP-02-8.5	7/18/2012	1430	0.03	-0.02	0.0	0.0	4.7	15.5	0.8	2.3	0.0	2.3	
VMP-02-8.5	8/15/2012	1329	-0.02	0.00	0.0	0.0	5.3	16.0	0.4	1.5	0.0	1.5	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-02-8.5	9/19/2012	921	-0.28	-0.25	0.0	0.0	0.7	20.3	0.5	4.0	0.0	4.0	
VMP-02-8.5	10/17/2012	1216	-0.10	-0.09	0.0	0.0	0.5	20.4	0.6	1.4	0.0	1.4	
VMP-02-8.5	11/20/2012	1500	-0.21	-0.23	0.0	0.0	1.0	19.9	0.2	0.3	0.0	0.3	
VMP-02-8.5	12/19/2012	905	-0.27	-0.34	0.0	0.0	1.6	19.5	0.2	0.3	0.0	0.3	
VMP-02-8.5	1/16/2013	1415	-0.02	-0.16	0.0	0.0	2.5	19.0	0.1	1.7	0.0	1.7	
VMP-02-8.5	2/26/2013	920	-0.07	-0.05	0.0	1.0	2.8	16.6	2.1	350	302	48.0	
VMP-02-8.5	2/26/2013	1330	-0.08	NM	0.1	2.0	2.6	16.6	5.9	670	555	115	Resampled tedlar and vacuum to confirm readings.
VMP-02-8.5	3/21/2013	1318	-0.12	-0.04	0.0	0.0	1.0	20.3	0.2	0.3	0.0	0.3	
VMP-02-8.5	4/24/2013	950	-0.69	-0.50	0.0	0.0	0.8	20.1	0.3	0.4	0.0	0.4	
VMP-02-8.5	5/23/2013	1257	-0.61	-0.53	0.0	0.0	1.1	20.0	0.3	0.3	0.0	0.3	
VMP-02-8.5	6/25/2013	1338	-0.12	-0.01	0.0	0.0	0.9	19.7	0.5	1.6	0.0	1.6	
VMP-02-22	2/15/2012	1707	-0.14	0.32	2.5	51.0	11.8	1.9	28.3	22000	20500	1500	
VMP-02-22	2/16/2012	1526	0.28	0.26	0.0	0.0	8.9	8.1	7.3	1000	1000	0.0	
VMP-02-22	2/17/2012	1357	0.12	0.13	0.7	15.0	10.3	4.9	20.6	6180	5600	580	
VMP-02-22	2/22/2012	826	0.00	- 0.03	1.0	20.0	11.2	3.3	29.3	11550	7490	4060	
VMP-02-22	2/29/2012	907	-0.09	0.12	0.2	4.0	9.7	6.8	18.5	1360	1360	0.0	
VMP-02-22	3/21/2012	1418	0.09	0.08	0.0	0.0	8.5	8.5	8.0	170	162	8.0	
VMP-02-22	4/18/2012	916	-0.22	-0.13	0.0	0.0	6.3	13.5	0.5	3.0	0.0	3.0	
VMP-02-22	5/16/2012	909	-0.42	-0.41	0.0	0.0	5.8	15.1	0.3	0.4	0.0	0.4	
VMP-02-22	6/20/2012	1421	0.05	0.03	0.0	0.0	5.4	14.6	1.6	4.7	0.0	4.7	
VMP-02-22	7/18/2012	1425	0.03	-0.03	0.0	0.0	5.1	14.5	0.7	2.5	0.0	2.5	
VMP-02-22	8/15/2012	1330	-0.04	0.00	0.0	0.0	4.1	17.1	0.4	2.5	0.0	2.5	
VMP-02-22	9/19/2012	922	-0.47	-0.40	0.0	0.0	4.0	17.6	0.6	1.8	0.0	1.8	
VMP-02-22	10/17/2012	1217	-0.23	-0.16	0.0	0.0	3.2	17.5	0.6	1.2	0.0	1.2	
VMP-02-22	11/20/2012	1502	-0.29	-0.32	0.0	0.0	3.5	17.4	0.3	1.0	0.0	1.0	
VMP-02-22	12/19/2012	910	-0.34	-0.44	0.0	0.0	3.2	17.9	0.3	0.5	0.0	0.5	
VMP-02-22	1/16/2013	1420	-0.03	-0.22	0.0	0.0	3.7	16.3	0.3	19.3	14.8	4.5	
VMP-02-22	2/26/2013	925	0.10	-0.08	0.0	0.0	4.0	14.6	3.6	195	150	45.0	
VMP-02-22	2/26/2013	1330	0.12	NM	0.1	3.0	4.2	14.2	4.2	960	787	173	Resampled tedlar and vacuum to confirm readings.
VMP-02-22	3/21/2013	1322	-0.15	-0.05	0.0	0.0	1.7	19.7	0.4	0.8	0.0	0.8	
VMP-02-22	4/24/2013	955	-0.88	-0.63	0.0	0.0	1.7	19.7	0.3	0.5	0.0	0.5	
VMP-02-22	5/23/2013	1258	-0.79	-0.72	0.0	0.0	1.8	19.1	0.3	0.3	0.0	0.3	
VMP-02-22	6/25/2013	1339	-0.16	-0.01	0.0	0.0	2.2	17.6	0.6	0.3	0.0	0.3	
VMP-02-42	2/15/2012	1708	0.37	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-02-42	2/16/2012	1527	5.84	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-02-42	2/17/2012	1357	0.09	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-02-42	2/22/2012	826	-0.05	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-02-42	2/29/2012	909	0.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-02-42	3/21/2012	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-02-42	4/18/2012	917	-3.02	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-02-42	5/16/2012	914	-0.24	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-02-42	6/20/2012	1422	11.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-02-42	7/18/2012	1430	-0.52	-0.07	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-02-42	8/15/2012	1331	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-02-42	9/19/2012	923	12.19	-0.40	OVR	OVR	4.3	1.6	30.9	1000000	944000	56000	
VMP-02-42	10/17/2012	1214	2.57	0.16	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-02-42	11/20/2012	1457	-0.27	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-02-42	12/19/2012	915	-1.71	-0.54	OVR	OVR	4.2	3.6	52.7	1000000	575000	425000	
VMP-02-42	1/16/2013	1425	0.30	-0.02	OVR	OVR	5.2	0.9	40.3	1000000	1000000	0.0	
VMP-02-42	2/26/2013	925	0.41	0.26	OVR	OVR	5.6	2.0	30.3	548000	320000	228000	
VMP-02-42	3/21/2013	1326	0.11	0.30	OVR	OVR	6.4	0.9	28.8	1000000	680000	320000	
VMP-02-42	4/24/2013	1000	-1.27	-0.90	OVR	OVR	5.9	2.5	43.8	767000	450000	317000	
VMP-02-42	5/23/2013	1259	-1.08	-0.99	OVR	OVR	6.2	1.8	43.2	423000	213000	210000	
VMP-02-42	6/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged
VMP-03-5	2/15/2012	1555	-0.28	-0.27	0.0	0.0	1.1	19.9	0.3	2.5	0.0	2.5	
VMP-03-5	2/16/2012	1617	-0.39	-0.36	0.0	0.0	1.1	20.6	0.3	5.5	5.5	0	
VMP-03-5	2/17/2012	936	-0.35	-0.30	0.0	0.0	1.2	20.3	0.3	1.2	0.0	1.2	
VMP-03-5	2/20/2012	949	-0.35	-0.35	0.0	0.0	1.0	20.3	0.3	2.0	0.0	2.0	
VMP-03-5	2/21/2012	853	-0.50	-0.45	0.0	0.0	0.9	20.5	0.3	2.1	0.0	2.1	
VMP-03-5	2/22/2012	924	-0.79	- 0.20	0.0	0.0	1.0	20.7	0.1	0.0	0.0	0.0	
VMP-03-5	2/29/2012	920	-0.17	- 0.23	0.0	0.0	0.9	20.1	0.2	0.0	0.0	0.0	
VMP-03-5	3/21/2012	1513	-0.03	- 0.26	0.0	0.0	1.1	18.7	0.4	0.0	0.0	0.0	
VMP-03-5	4/18/2012	1404	-0.14	-0.11	0.0	0.0	1.1	18.6	1.5	5.7	0.0	5.7	
VMP-03-5	5/16/2012	954	-0.19	-0.19	0.0	0.0	1.1	20.0	0.2	0.9	0.0	0.9	
VMP-03-5	6/20/2012	1511	-0.13	-0.12	0.0	0.0	3.3	18.0	1.1	6.1	0.1	6.0	
VMP-03-5	7/18/2012	1448	-0.03	-0.02	0.0	0.0	0.2	20.5	0.6	7.3	5.2	2.1	
VMP-03-5	8/15/2012	1416	0.00	0.00	0.0	0.0	0.2	20.7	0.6	4.7	0.0	4.7	
VMP-03-5	9/19/2012	1023	-0.28	-0.25	0.0	0.0	0.9	20.2	0.7	5.5	0.0	5.5	
VMP-03-5	10/17/2012	1235	-0.31	-0.10	0.0	0.0	0.3	20.4	0.7	1.9	0.0	1.9	
VMP-03-5	11/20/2012	1405	-0.14	-0.15	0.0	0.0	0.2	20.7	0.2	2.4	0.0	2.4	
VMP-03-5	12/19/2012	1100	-0.14	-0.10	0.0	0.0	0.1	20.7	0.1	1.1	0.0	1.1	
VMP-03-5	1/16/2013	1455	-0.09	-0.11	0.0	0.0	0.1	20.8	0.1	2.8	0.0	2.8	
VMP-03-5	2/26/2013	950	-0.30	-0.22	0.0	0.0	0.2	20.6	0.1	1.9	0.0	1.9	
VMP-03-5	3/21/2013	1035	0.00	-0.83	0.0	0.0	0.0	20.9	0.1	1.5	0.0	1.5	
VMP-03-5	4/24/2013	1100	-0.90	-0.82	0.0	0.0	0.5	20.3	0.3	0.2	0.0	0.2	
VMP-03-5	5/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-install.
VMP-03-5	6/25/2013	1105	0.00	-0.03	0.0	0.0	0.5	15.7	0.4	1.9	0.0	1.9	
VMP-03-10	2/15/2012	1553	-0.30	-0.25	0.0	0.0	1.8	17.7	0.3	6.3	0.8	5.5	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-03-10	2/16/2012	1618	-0.45	-0.41	0.0	0.0	1.4	19.4	1.9	9.2	5.7	3.5	
VMP-03-10	2/17/2012	937	-0.52	-0.34	0.0	0.0	1.3	19.6	1.0	4.3	0.0	4.3	
VMP-03-10	2/20/2012	950	-0.48	-0.42	0.0	0.0	1.0	19.9	0.8	3.2	0.0	3.2	
VMP-03-10	2/21/2012	855	-0.62	-0.59	0.0	0.0	0.8	20.2	0.7	2.5	0.0	2.5	
VMP-03-10	2/22/2012	924	-0.24	- 0.26	0.0	0.0	0.8	20.4	0.4	2.5	0.0	2.5	
VMP-03-10	2/29/2012	921	0.00	-0.32	0.0	0.0	1.0	19.2	0.1	4.9	0.0	4.9	
VMP-03-10	3/21/2012	1516	-0.05	- 0.19	0.0	0.0	0.9	18.3	0.8	0.0	0.0	0.0	
VMP-03-10	4/18/2012	1405	-0.15	-0.12	0.0	0.0	1.6	18.4	0.9	4.9	0.0	4.9	
VMP-03-10	5/16/2012	1006	-0.24	-0.28	0.0	0.0	2.0	18.7	0.3	0.5	0.0	0.5	
VMP-03-10	6/20/2012	1512	-0.30	-0.30	0.0	0.0	0.3	20.8	1.5	10.6	4.3	6.4	
VMP-03-10	7/18/2012	1452	-0.10	-0.08	0.0	0.0	1.8	19.0	1.0	4.3	0.0	4.3	
VMP-03-10	8/15/2012	1417	0.00	-0.10	0.0	0.0	1.4	19.6	0.5	2.8	0.0	2.8	
VMP-03-10	9/19/2012	1024	-0.33	-0.22	0.0	0.0	0.7	20.3	1.0	4.2	0.0	4.2	
VMP-03-10	10/17/2012	1236	-0.18	-0.19	0.0	0.0	0.5	20.0	0.7	1.3	0.0	1.3	
VMP-03-10	11/20/2012	1417	-0.20	-0.21	0.0	0.0	0.5	20.4	0.2	2.0	0.0	2.0	
VMP-03-10	12/19/2012	1115	-0.17	-0.11	0.0	0.0	0.5	20.4	0.2	0.5	0.0	0.5	
VMP-03-10	1/16/2013	1510	-0.15	-0.17	0.0	0.0	0.5	20.4	0.1	1.8	0.0	1.8	
VMP-03-10	2/26/2013	955	-0.31	-0.37	0.0	0.0	0.7	20.2	0.2	0.4	0.0	0.4	
VMP-03-10	3/21/2013	1039	-0.63	-0.56	0.0	0.0	0.3	20.7	0.4	1.2	0.0	1.2	
VMP-03-10	4/24/2013	1105	-0.94	-0.88	0.0	0.0	0.8	19.5	0.3	0.3	0.0	0.3	
VMP-03-10	5/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-install.
VMP-03-10	6/25/2013	1103	-0.84	-0.67	0.0	0.0	1.2	18.7	0.3	1.1	0.0	1.1	
VMP-03-22	2/15/2012	1558	-0.33	-0.30	0.0	0.0	6.3	14.3	0.8	5.5	0.6	5.0	
VMP-03-22	2/16/2012	1619	-1.14	-0.77	0.0	0.0	7.1	13.4	2.1	6.3	3.0	3.4	
VMP-03-22	2/17/2012	938	-0.43	-0.55	0.0	0.0	7.7	13.7	0.9	2.8	0.0	2.8	
VMP-03-22	2/20/2012	951	-1.22	-0.95	0.0	0.0	5.6	17.1	0.8	3.9	0.0	3.9	
VMP-03-22	2/21/2012	854	-2.27	-1.57	0.0	0.0	4.8	17.0	0.5	5.0	0.0	5.0	
VMP-03-22	2/22/2012	923	-0.22	- 0.07	0.0	0.0	5.8	16.4	0.4	2.7	0.0	2.7	
VMP-03-22	2/29/2012	922	-0.27	- 0.04	0.0	1.0	4.7	16.2	1.4	478	440	38.0	
VMP-03-22	3/21/2012	1516	-0.29	-0.20	0.0	0.0	1.6	19.7	0.4	0.0	0.0	0.0	
VMP-03-22	4/18/2012	1406	-0.15	0.00	0.0	0.0	0.0	20.9	0.2	5.1	0.0	5.1	
VMP-03-22	5/16/2012	1010	-0.35	-0.35	0.0	0.0	0.9	20.2	0.5	1.0	0.0	1.0	
VMP-03-22	6/20/2012	1513	-0.14	-0.04	0.0	0.0	0.9	20.3	1.0	5.2	2.1	3.1	
VMP-03-22	7/18/2012	1449	-0.14	-0.12	0.0	0.0	0.8	20.1	0.8	3.7	0.0	3.7	
VMP-03-22	8/15/2012	1418	-0.15	-0.14	0.0	0.0	1.3	19.7	0.8	5.6	0.0	5.6	
VMP-03-22	9/19/2012	1025	-0.44	-0.40	0.0	0.0	3.6	16.8	1.2	5.0	0.0	5.0	
VMP-03-22	10/17/2012	1236	-0.28	-0.28	0.0	0.0	3.1	17.6	0.8	1.8	0.0	1.8	
VMP-03-22	11/20/2012	1421	-0.27	-0.29	0.0	0.0	2.8	18.2	0.2	2.1	0.0	2.1	
VMP-03-22	12/19/2012	1120	-0.22	-0.12	0.0	0.0	2.8	18.3	0.2	0.3	0.0	0.3	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-03-22	1/16/2013	1515	-0.19	-0.22	0.0	0.0	3.5	16.6	0.1	6.8	4.3	2.5	
VMP-03-22	2/26/2013	1005	-0.32	-0.38	0.0	0.0	6.9	12.5	0.5	16.9	16.0	0.9	
VMP-03-22	3/21/2013	1043	-0.72	-0.68	0.0	0.0	1.4	20.0	0.4	0.4	0.0	0.4	
VMP-03-22	4/24/2013	1110	-1.00	-0.97	0.0	0.0	1.6	19.2	0.3	0.4	0.0	0.4	
VMP-03-22	5/23/2013	1324	-1.05	-1.01	0.0	0.0	2.5	19.2	0.3	0.4	0.0	0.4	
VMP-03-22	6/25/2013	1104	-0.84	-0.69	0.0	0.0	2.3	18.6	0.4	0.4	0.0	0.4	
VMP-03-31.5	2/15/2012	1559	-0.40	-0.34	OVR	OVR	6.4	1.7	91.0	1000000	860000	140000	
VMP-03-31.5	2/16/2012	1620	-0.57	-0.41	OVR	OVR	6.4	4.2	107	889000	231000	658000	
VMP-03-31.5	2/17/2012	939	-1.29	-0.35	OVR	OVR	6.5	2.1	103	970000	517000	453000	
VMP-03-31.5	2/20/2012	952	-0.50	-0.34	OVR	OVR	5.9	4.6	105	948000	279000	669000	
VMP-03-31.5	2/21/2012	856	-0.48	-0.48	OVR	OVR	2.4	14.6	155	432000	88520	343480	
VMP-03-31.5	2/22/2012	924	-0.20	- 0.25	OVR	OVR	4.4	7.3	109	930000	302000	628000	
VMP-03-31.5	2/29/2012	923	-0.62	- 0.80	OVR	OVR	5.5	4.8	107	835000	213000	622000	
VMP-03-31.5	3/21/2012	1515	-0.05	-0.15	OVR	OVR	7.2	1.7	99.0	1000000	256000	744000	
VMP-03-31.5	4/18/2012	1407	-0.20	-0.08	OVR	OVR	6.2	1.4	115	1000000	238000	762000	
VMP-03-31.5	5/16/2012	1001	-1.19	-1.16	OVR	OVR	4.2	9.7	175	133000	65900	67100	
VMP-03-31.5	6/20/2012	1514	-0.27	-0.26	OVR	OVR	4.6	5.4	175	100000	40000	60000	
VMP-03-31.5	7/18/2012	1450	-0.41	-0.37	OVR	OVR	5.9	5.5	110	129000	40000	89000	
VMP-03-31.5	8/15/2012	1419	-0.48	-0.39	OVR	OVR	9.0	1.5	197	45600	26800	18800	
VMP-03-31.5	9/19/2012	1026	-1.45	-1.27	OVR	OVR	8.7	3.4	243	38300	17100	21200	
VMP-03-31.5	10/17/2012	1237	-0.94	-0.85	39.1	OVR	6.5	8.2	249	15200	10400	4800	
VMP-03-31.5	11/20/2012	1409	-0.82	-0.86	2.2	45.0	4.7	11.8	165	2800	1400	1400	
VMP-03-31.5	12/19/2012	1105	-0.90	-0.46	0.2	5.0	3.5	15.3	55.6	370	47.7	322	
VMP-03-31.5	1/16/2013	1500	-0.35	-0.56	60.0	OVR	9.6	1.8	295	32000	17900	14100	
VMP-03-31.5	2/26/2013	1000	-0.46	-0.59	OVR	OVR	10.1	0.9	190	58700	25300	33400	
VMP-03-31.5	3/21/2013	1047	-1.24	-1.50	44.0	OVR	9.5	2.7	212	23700	16000	7700	
VMP-03-31.5	4/24/2013	1115	-2.00	-2.00	35.6	OVR	8.7	4.4	329	18400	11000	7400	
VMP-03-31.5	5/23/2013	1325	-2.03	-2.44	55.4	OVR	9.8	1.3	190	35100	21000	14100	
VMP-03-31.5	6/25/2013	1136	-1.27	-1.05	30.3	OVR	6.8	5.7	252	20500	14600	5900	
VMP-03-39	2/15/2012	1557	-1.28	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-03-39	2/16/2012	1621	-12.41	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-03-39	2/17/2012	940	-96.22	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-03-39	2/20/2012	952	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-03-39	2/21/2012	857	-60.70	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-03-39	2/22/2012	925	-0.14	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-03-39	2/29/2012	924	3.27	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-03-39	3/21/2012	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-03-39	4/18/2012	1408	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-03-39	5/16/2012	1015	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-03-39	6/20/2012	1515	0.02	0.01	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-03-39	7/18/2012	1452	0.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-03-39	8/15/2012	1420	-0.27	-0.19	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-03-39	9/19/2012	1027	-1.41	-1.19	OVR	OVR	7.9	2.5	260	38100	34600	3500	
VMP-03-39	10/17/2012	1424	-3.03	-0.84	OVR	OVR	8.8	1.3	226	50600	30300	20300	
VMP-03-39	11/20/2012	1413	-0.83	-0.87	OVR	OVR	9.2	1.2	310	47900	22700	25200	
VMP-03-39	12/19/2012	1110	-0.93	-0.43	OVR	OVR	7.9	2.1	240	450000	205000	245000	
VMP-03-39	1/16/2013	1505	-0.31	-0.53	OVR	OVR	9.0	0.8	220	225000	74800	150200	
VMP-03-39	2/26/2013	950	-0.88	-0.45	19.0	OVR	0.8	19.5	160	12000	4700	7300	Tedlar results are suspect.
VMP-03-39	3/21/2013	1051	-1.81	-1.40	OVR	OVR	9.5	0.8	184	96300	46200	50100	
VMP-03-39	4/24/2013	1120	-2.05	-1.93	78.5	OVR	8.2	3.4	295	32300	18500	13800	
VMP-03-39	5/23/2013	1326	-2.24	-2.16	OVR	OVR	9.4	1.8	198	53800	37300	16500	
VMP-03-39	6/25/2013	1106	-1.10	-0.60	33.9	OVR	8.1	2.4	231	23220	15670	7550	
VMP-04-5	2/1/2012	1708	-0.15	-0.15	0.0	0.0	1.2	20.1	0.6	2.3	0.0	2.3	
VMP-04-5	2/2/2012	1054	-0.17	-0.14	0.0	0.0	0.8	20.9	0.6	1.2	0.0	1.2	
VMP-04-5	2/7/2012	859	-0.15	-0.15	0.0	0.0	0.4	20.9	0.2	0.0	0.0	0.0	
VMP-04-5	2/10/2012	830	-0.11	-0.15	0.0	0.0	0.2	20.9	2.0	10.6	5.8	4.8	
VMP-04-5	2/13/2012	910	-0.13	-0.11	0.0	0.0	0.2	20.9	0.1	0.0	0.0	0.0	
VMP-04-5	2/15/2012	1120	-0.12	-0.12	0.0	0.0	0.2	20.8	0.4	0.0	0.0	0.0	
VMP-04-5	2/22/2012	1327	-0.05	- 0.05	0.0	0.0	0.4	20.8	1.6	4.0	0.0	4.0	
VMP-04-5	2/29/2012	1031	-0.12	- 0.03	0.0	0.0	0.5	20.5	3.3	9.7	0.8	8.9	
VMP-04-5	3/21/2012	1540	-0.05	-0.12	0.0	0.0	0.5	20.0	0.1	0.0	0.0	0.0	
VMP-04-5	4/18/2012	1342	-0.06	-0.06	0.0	0.0	0.4	20.4	0.1	3.1	0.0	3.1	
VMP-04-5	5/16/2012	1133	-0.20	-0.22	0.0	0.0	2.4	18.0	0.6	0.0	0.0	0.0	
VMP-04-5	6/20/2012	1427	-0.08	NM	0.0	0.0	2.3	18.3	1.0	5.4	0.0	5.4	
VMP-04-5	7/18/2012	1512	-0.04	-0.02	0.0	0.0	1.5	18.6	0.5	3.6	0.0	3.6	
VMP-04-5	8/15/2012	1509	-0.27	-0.23	0.0	0.0	1.6	18.6	0.9	4.8	0.0	4.8	
VMP-04-5	9/19/2012	1113	-0.08	-0.08	0.0	0.0	0.8	20.1	0.8	7.5	7.1	0.4	
VMP-04-5	10/17/2012	1310	-0.07	-0.06	0.0	0.0	0.6	20.1	0.6	2.0	0.0	2.0	
VMP-04-5	11/20/2012	1438	-0.06	-0.08	0.0	0.0	0.4	20.4	0.2	0.8	0.0	0.8	
VMP-04-5	12/19/2012	1030	-0.07	-0.05	0.0	0.0	0.4	20.4	0.4	0.5	0.0	0.5	
VMP-04-5	1/16/2013	1525	-0.18	-0.08	0.0	0.0	0.2	20.7	0.1	1.7	0.0	1.7	
VMP-04-5	2/26/2013	1031	-0.08	-0.16	0.0	0.0	0.3	20.5	0.1	0.8	0.0	0.8	
VMP-04-5	3/21/2013	930	-0.15	-0.18	0.0	0.0	0.2	20.8	0.1	1.7	0.0	1.7	
VMP-04-5	4/24/2013	1410	-0.23	-0.18	0.0	0.0	0.5	20.5	0.5	1.1	0.0	1.1	
VMP-04-5	5/23/2013	1009	-0.24	-0.25	0.0	0.0	1.1	19.5	0.4	2.4	0.0	2.4	
VMP-04-5	6/25/2013	1605	0.11	-0.11	0.0	0.0	2.3	18.7	0.7	1.2	0.0	1.2	
VMP-04-12	2/1/2012	1713	-0.23	-0.25	0.0	0.0	3.6	14.6	1.1	3.8	0.0	3.8	
VMP-04-12	2/2/2012	1102	-0.27	-0.23	0.0	0.0	2.5	16.5	0.9	2.3	0.0	2.3	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-04-12	2/7/2012	904	-0.23	-0.25	0.0	0.0	1.2	18.2	0.2	1.6	0.0	1.6	
VMP-04-12	2/10/2012	831	-0.18	-0.24	0.0	0.0	1.4	17.6	2.0	10.6	6.7	3.8	
VMP-04-12	2/13/2012	911	-0.23	-0.16	0.0	0.0	1.3	18.4	0.2	0.0	0.0	0.0	
VMP-04-12	2/15/2012	1121	-0.18	-0.20	0.0	0.0	1.4	18.3	0.6	1.3	0.0	1.3	
VMP-04-12	2/22/2012	1325	-0.09	- 0.09	0.0	0.0	2.1	17.6	2.4	7.3	2.1	5.2	
VMP-04-12	2/29/2012	1032	-0.08	- 0.05	0.0	0.0	2.0	18.0	3.8	20.2	9.5	10.8	
VMP-04-12	3/21/2012	1540	-0.09	-0.16	0.0	0.0	2.7	15.9	0.5	0.0	0.0	0.0	
VMP-04-12	4/18/2012	1343	-0.09	-0.10	0.0	0.0	1.5	19.0	0.5	6.0	0.0	6.0	
VMP-04-12	5/16/2012	1138	-0.30	-0.30	0.0	0.0	2.8	17.7	0.8	0.0	0.0	0.0	
VMP-04-12	6/20/2012	1428	-0.15	NM	0.0	0.0	3.0	17.6	1.0	1.9	0.0	1.9	
VMP-04-12	7/18/2012	1517	-0.09	-0.08	0.0	0.0	2.5	17.5	0.7	3.1	0.0	3.1	
VMP-04-12	8/15/2012	1509	-0.07	-0.10	0.0	0.0	2.9	17.9	1.3	3.4	0.0	3.4	
VMP-04-12	9/19/2012	1114	-0.21	-0.19	0.0	0.0	1.7	19.2	0.8	4.0	0.0	4.0	
VMP-04-12	10/17/2012	1311	-0.22	-0.17	0.0	0.0	1.0	19.7	1.0	1.6	0.0	1.6	
VMP-04-12	11/20/2012	1426	-0.25	-0.24	0.0	0.0	0.7	20.1	0.6	1.4	0.0	1.4	
VMP-04-12	12/19/2012	1035	-0.14	-0.10	0.0	0.0	0.8	20.0	0.3	0.5	0.0	0.5	
VMP-04-12	1/16/2013	1530	-0.10	-0.19	0.0	0.0	0.6	20.3	0.2	2.2	0.0	2.2	
VMP-04-12	2/26/2013	1036	-0.14	-0.01	0.0	0.0	0.8	19.9	0.3	2.9	0.0	2.9	
VMP-04-12	3/21/2013	936	-0.40	0.00	0.0	0.0	0.3	20.7	0.2	1.2	0.0	1.2	
VMP-04-12	4/24/2013	1415	-0.39	-0.34	0.0	0.0	0.6	20.4	0.7	1.5	0.0	1.5	
VMP-04-12	5/23/2013	943	-0.46	-0.44	0.0	0.0	1.2	19.5	0.3	1.5	0.0	1.5	
VMP-04-12	6/25/2013	1606	-0.16	-0.18	0.0	0.0	2.2	18.5	0.7	1.9	0.0	1.9	
VMP-04-23.5	2/1/2012	1717	-0.38	-0.42	OVR	OVR	9.0	0.9	272	300000	79000	221000	
VMP-04-23.5	2/2/2012	1107	-0.85	-0.67	OVR	OVR	8.7	3.0	259	1000000	141000	859000	
VMP-04-23.5	2/7/2012	909	-0.80	-0.74	OVR	OVR	8.3	3.5	223	300000	79000	221000	
VMP-04-23.5	2/10/2012	832	-0.98	-4.14	OVR	OVR	9.6	1.3	275	136000	82000	54000	
VMP-04-23.5	2/13/2012	912	-1.03	-0.85	OVR	OVR	10.0	2.0	298	71500	34720	36780	
VMP-04-23.5	2/15/2012	1122	-1.24	-1.01	OVR	OVR	10.1	2.1	359	93400	28000	65400	
VMP-04-23.5	2/22/2012	1328	-0.99	- 0.58	OVR	OVR	10.6	2.3	431	80900	21510	59390	
VMP-04-23.5	2/29/2012	1033	-0.69	- 0.57	OVR	OVR	11.1	1.8	527	71280	14130	57150	
VMP-04-23.5	3/21/2012	1540	-0.36	-0.46	OVR	OVR	10.5	2.4	442	86300	16900	69400	
VMP-04-23.5	4/18/2012	1344	-0.68	-0.60	OVR	OVR	10.0	1.0	557	61300	14300	47000	
VMP-04-23.5	5/16/2012	1142	-1.42	-1.38	OVR	OVR	10.0	3.9	660	31000	9000	22000	
VMP-04-23.5	6/20/2012	1429	-0.80	NM	OVR	OVR	12.0	0.7	916	25900	9500	16400	
VMP-04-23.5	7/18/2012	1515	-0.93	-0.92	OVR	OVR	11.2	2.4	554	29300	4250	25050	
VMP-04-23.5	8/15/2012	1510	-0.93	-0.99	OVR	OVR	12.5	2.5	412	18100	6000	12100	
VMP-04-23.5	9/19/2012	1115	-1.92	-1.82	OVR	OVR	10.7	9.7	680	18100	4100	14000	
VMP-04-23.5	10/17/2012	1314	-1.60	-1.51	60.5	OVR	8.6	12.4	469	6660	2890	3770	
VMP-04-23.5	11/20/2012	1430	-1.32	-1.42	3.7	74.0	5.8	14.1	330	3300	940	2360	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-04-23.5	12/19/2012	1040	-1.37	-0.90	0.8	16.0	5.8	14.1	120	2500	690	1810	
VMP-04-23.5	1/16/2013	1535	-0.68	-1.40	1.3	26.0	5.9	13.9	155	2150	730	1420	
VMP-04-23.5	2/26/2013	1041	-0.88	-0.98	3.3	66.0	8.1	11.6	180	3400	650	2750	
VMP-04-23.5	3/21/2013	944	-2.02	-2.03	1.7	36.0	4.0	16.2	152	1050	210	840	
VMP-04-23.5	4/24/2013	1420	-2.19	-1.10	1.0	21.0	3.3	17	142	790	42.3	747.7	
VMP-04-23.5	5/23/2013	944	-2.64	-2.54	28.5	OVR	5.4	15.8	704	5690	2320	3370	
VMP-04-23.5	6/25/2013	1607	-1.26	-1.18	14.2	OVR	5.2	16.0	511	3820	1260	2560	
VMP-04-39	2/1/2012	1723	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-04-39	2/2/2012	1112	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-04-39	2/7/2012	857	-1.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-04-39	2/10/2012	833	-0.99	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-04-39	2/13/2012	913	-2.37	-0.83	OVR	OVR	9.3	3.2	281	116000	39100	76900	
VMP-04-39	2/15/2012	1123	-1.23	-0.99	OVR	OVR	9.8	2.4	299	126000	37400	88600	
VMP-04-39	2/22/2012	1328	-0.59	- 0.57	OVR	OVR	9.4	4.4	348	83900	32600	51300	
VMP-04-39	2/29/2012	1034	-0.74	- 0.56	OVR	OVR	10.8	1.5	452	129000	24280	104720	
VMP-04-39	3/21/2012	1540	-0.36	-0.37	OVR	OVR	11.0	1.0	396	162000	32600	129400	
VMP-04-39	4/18/2012	1345	-0.69	-0.59	OVR	OVR	10.1	1.1	475	136000	28000	108000	
VMP-04-39	5/16/2012	1154	-1.42	-1.35	OVR	OVR	9.2	3.2	610	58200	13500	44700	
VMP-04-39	6/20/2012	1430	-0.80	NM	OVR	OVR	8.8	5.3	724	21000	10300	10700	
VMP-04-39	7/18/2012	1519	-0.94	-0.89	OVR	OVR	12.1	1.4	422	54000	12200	41800	
VMP-04-39	8/15/2012	1510	-0.89	-0.97	OVR	OVR	12.0	2.2	260	71200	18500	52700	
VMP-04-39	9/19/2012	1116	-1.94	-1.78	OVR	OVR	10.2	9.0	359	82300	16000	66300	
VMP-04-39	10/17/2012	1315	-1.56	-1.50	OVR	OVR	7.1	13.6	300	66700	25100	41600	
VMP-04-39	11/20/2012	1434	-1.31	-1.41	OVR	OVR	7.0	13.4	416	59800	14300	45500	
VMP-04-39	12/19/2012	1045	-1.37	-0.90	OVR	OVR	8.9	11.1	660	50000	12600	37400	
VMP-04-39	1/16/2013	1540	-0.75	-1.09	OVR	OVR	8.9	11.5	565	45700	14300	31400	
VMP-04-39	2/26/2013	1043	-0.91	-0.97	OVR	OVR	8.9	11.8	590	46300	11200	35100	
VMP-04-39	3/20/2013	952	-2.09	-2.19	OVR	OVR	7.0	15.1	660	26100	5500	20600	
VMP-04-39	4/24/2013	1425	-2.30	-2.04	78.0	OVR	4.7	17.2	820	15200	4300	10900	
VMP-04-39	5/23/2013	945	-2.54	-2.51	78.7	OVR	4.6	16.6	920	10640	4400	6240	
VMP-04-39	6/25/2013	1608	-1.13	-1.16	36.3	OVR	4.0	17.0	566	9730	4420	5310	
VMP-05-5	2/2/2012	1323	-0.08	0.18	0.0	0.0	2.8	19.0	0.4	0.3	0.0	0.3	
VMP-05-5	2/3/2012	825	-0.16	0.26	0.0	0.0	2.1	19.5	0.6	1.7	0.0	1.7	
VMP-05-5	2/7/2012	812	-0.13	-0.06	0.0	0.0	1.4	20.5	0.4	0.0	0.0	0.0	
VMP-05-5	2/13/2012	1504	-0.16	0.37	0.0	0.0	1.1	20.4	0.7	5.2	2.1	3.1	
VMP-05-5	2/14/2012	1553	0.00	0.31	0.0	0.0	1.3	20.6	4.3	11.7	0.0	11.7	
VMP-05-5	2/15/2012	1240	-0.08	-0.06	0.0	0.0	1.0	20.6	2.2	9.3	5.4	3.9	
VMP-05-5	2/22/2012	838	-0.01	- 0.06	0.0	0.0	0.7	20.5	0.3	2.2	0.0	2.2	
VMP-05-5	2/29/2012	817	-0.07	- 0.05	0.0	0.0	0.7	20.9	0.4	2.9	0.0	2.9	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-05-5	3/21/2012	849	-0.08	- 0.06	0.0	0.0	0.6	20.5	0.1	0.0	0.0	0.0	
VMP-05-5	4/18/2012	859	-0.11	-0.09	0.0	0.0	0.3	20.8	2.6	3.5	0.0	3.5	
VMP-05-5	5/16/2012	1151	-0.11	-0.09	0.0	0.0	0.3	20.6	0.8	0.0	0.0	0.0	
VMP-05-5	6/20/2012	1258	-0.06	-0.05	0.0	0.0	0.4	20.7	1.1	3.8	0.0	3.8	
VMP-05-5	7/18/2012	1039	-0.07	-0.05	0.0	0.0	0.4	20.6	0.3	1.7	0.0	1.7	
VMP-05-5	8/15/2012	1000	-0.06	-0.05	0.0	0.0	0.4	20.5	0.8	4.3	0.0	4.3	
VMP-05-5	9/19/2012	1324	-0.05	-0.05	0.0	0.0	0.1	20.8	0.7	1.5	0.0	1.5	
VMP-05-5	10/17/2012	1335	-0.05	-0.03	0.0	0.0	0.2	20.7	0.6	1.6	0.0	1.6	
VMP-05-5	11/20/2012	944	-0.04	-0.02	0.0	0.0	0.2	20.8	0.1	0.4	0.0	0.4	
VMP-05-5	12/19/2012	919	-0.05	-0.08	0.0	0.0	0.2	20.7	0.1	0.3	0.0	0.3	
VMP-05-5	1/16/2013	906	-0.06	-0.04	0.0	0.0	0.1	20.8	0.4	3.5	0.0	3.5	
VMP-05-5	2/25/2013	1030	-0.05	-0.03	0.0	0.0	0.1	20.8	1.5	3.0	0.0	3.0	
VMP-05-5	3/21/2013	1100	-0.07	-0.11	0.0	0.0	0.1	20.8	1.8	2.9	0.0	2.9	
VMP-05-5	4/24/2013	1358	-0.11	-0.15	0.0	0.0	0.1	20.8	0.5	0.4	0.0	0.4	
VMP-05-5	5/23/2013	1325	-0.19	-0.19	0.0	0.0	0.2	20.9	0.3	0.9	0.0	0.9	
VMP-05-5	6/25/2013	1345	-0.10	-0.05	0.0	0.0	0.4	20.4	0.6	1.6	0.0	1.6	
VMP-05-12.5	2/2/2012	1329	-0.07	-0.07	0.0	0.0	4.2	17.5	0.5	0.0	0.0	0.0	
VMP-05-12.5	2/3/2012	831	-0.21	-0.18	0.0	0.0	3.6	18.0	0.7	0.2	0.0	0.2	
VMP-05-12.5	2/7/2012	818	-0.13	-0.21	0.0	0.0	2.5	19.6	0.5	0.0	0.0	0.0	
VMP-05-12.5	2/13/2012	1505	-0.09	-0.07	0.0	0.0	2.2	19.8	0.4	0.0	0.0	0.0	
VMP-05-12.5	2/14/2012	1554	-0.18	-0.25	0.0	0.0	2.1	20.2	3.5	8.1	0.0	8.1	
VMP-05-12.5	2/15/2012	1241	-0.15	-0.18	0.0	0.0	1.4	20.5	1.8	8.3	4.9	3.4	
VMP-05-12.5	2/22/2012	844	-0.08	- 0.10	0.0	0.0	1.1	20.3	0.4	11.4	1.6	9.8	
VMP-05-12.5	2/29/2012	823	-0.14	- 0.11	0.0	0.0	1.1	20.7	0.5	2.9	0.0	2.9	
VMP-05-12.5	3/21/2012	853	-0.14	- 0.12	0.0	0.0	0.8	20.3	0.1	0.0	0.0	0.0	
VMP-05-12.5	4/18/2012	904	-0.20	-0.18	0.0	0.0	0.5	20.4	0.5	2.6	0.0	2.6	
VMP-05-12.5	5/16/2012	1151	-0.22	-0.19	0.0	0.0	0.5	20.4	0.4	0.0	0.0	0.0	
VMP-05-12.5	6/20/2012	1259	-0.15	-0.11	0.0	0.0	0.6	20.5	1.2	2.8	0.0	2.8	
VMP-05-12.5	7/18/2012	1040	-0.17	-0.15	0.0	0.0	0.6	20.4	0.7	2.0	0.0	2.0	
VMP-05-12.5	8/15/2012	1005	-0.15	-0.15	0.0	0.0	0.7	20.7	0.6	3.3	0.0	3.3	
VMP-05-12.5	9/19/2012	1325	-0.17	-0.17	0.0	0.0	0.3	20.5	1.1	1.5	0.0	1.5	
VMP-05-12.5	10/17/2012	1336	-0.19	-0.17	0.0	0.0	0.2	20.6	0.7	1.4	0.0	1.4	
VMP-05-12.5	11/20/2012	947	-0.17	-0.15	0.0	0.0	0.3	20.7	0.3	0.7	0.0	0.7	
VMP-05-12.5	12/19/2012	921	-0.12	-0.18	0.0	0.0	0.1	20.8	0.2	0.3	0.0	0.3	
VMP-05-12.5	1/16/2013	910	-0.14	-0.09	0.0	0.0	0.2	20.7	0.4	2.7	0.0	2.7	
VMP-05-12.5	2/25/2013	1030	-0.12	-0.08	0.0	0.0	0.1	20.8	1.1	2.8	0.0	2.8	
VMP-05-12.5	3/21/2013	1105	-0.24	-0.24	0.0	0.0	0.1	20.8	0.8	1.4	0.0	1.4	
VMP-05-12.5	4/24/2013	1402	-0.31	-0.46	0.0	0.0	0.1	20.8	0.3	0.2	0.0	0.2	
VMP-05-12.5	5/23/2013	1326	-0.42	-0.43	0.0	0.0	0.3	20.8	0.3	0.2	0.0	0.2	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-05-12.5	6/25/2013	1350	-0.29	-0.20	0.0	0.0	0.4	20.4	0.6	1.4	0.0	1.4	
VMP-05-31	2/2/2012	1334	-0.14	-0.27	OVR	OVR	11.3	1.0	229	146000	53300	92700	
VMP-05-31	2/3/2012	837	-0.65	-0.33	OVR	OVR	10.8	1.5	192	100000	27500	72500	
VMP-05-31	2/7/2012	823	-0.75	-0.51	OVR	OVR	11.1	2.5	192	59700	36140	23560	
VMP-05-31	2/13/2012	1506	-0.47	-0.42	76.2	OVR	11.5	1.2	251	38260	20860	17400	
VMP-05-31	2/14/2012	1555	-1.05	-1.10	68.2	OVR	11.6	1.3	246	38900	18600	20300	
VMP-05-31	2/15/2012	1242	-0.70	-0.62	39.5	OVR	10.1	3.3	246	24000	12600	11400	
VMP-05-31	2/22/2012	848	-0.53	- 0.49	3.5	70.0	11.5	1.6	188	6970	4020	2950	
VMP-05-31	2/29/2012	828	-0.66	- 0.54	0.8	17.0	11.4	1.8	112	1280	1080	200	
VMP-05-31	3/21/2012	859	-0.59	- 0.53	0.1	3.0	11.3	1.2	21.7	308	248	60.0	
VMP-05-31	4/18/2012	908	-0.88	-0.87	0.0	0.0	11.4	1.7	8.4	140	110	30.0	
VMP-05-31	5/16/2012	1151	-1.00	-0.88	0.0	0.0	11.8	2.9	5.7	15.3	0.0	15.3	
VMP-05-31	6/20/2012	1300	-0.78	-0.58	0.0	0.0	8.2	12.3	5.0	13.7	1.4	12.3	
VMP-05-31	7/18/2012	1041	-0.88	-0.81	0.0	0.0	6.1	15.0	2.5	11.8	8.3	3.5	
VMP-05-31	8/15/2012	1009	-0.91	-0.90	0.0	0.0	5.9	15.3	1.4	12.6	9.7	2.9	
VMP-05-31	9/19/2012	1326	-1.04	-1.02	0.0	0.0	4.6	16.2	1.2	3.9	0.0	3.9	
VMP-05-31	10/17/2012	1334	-1.17	-1.12	0.0	0.0	4.0	17.4	0.7	6.0	5.2	0.8	
VMP-05-31	11/20/2012	950	-1.23	-1.19	0.0	0.0	3.8	17.6	0.7	8.6	7.9	0.7	
VMP-05-31	12/19/2012	922	-0.77	-1.05	0.0	0.0	4.0	17.3	0.6	5.7	3.9	1.8	
VMP-05-31	1/16/2013	914	-0.79	-0.54	0.0	0.0	3.9	17.9	0.6	5.9	1.7	4.2	
VMP-05-31	2/25/2013	1035	-0.72	-0.54	0.0	0.0	3.1	18.1	1.6	7.6	2.7	4.9	
VMP-05-31	3/21/2013	1112	-1.46	-1.34	0.0	0.0	2.3	19.2	1.2	3.2	0.0	3.2	
VMP-05-31	4/24/2013	1406	-1.69	-1.68	0.0	0.0	2.1	18.8	0.5	1.6	0.0	1.6	
VMP-05-31	5/23/2013	1327	-2.01	-2.06	0.0	0.0	2.1	18.9	0.3	0.5	0.0	0.5	
VMP-05-31	6/25/2013	1357	-1.24	-1.45	0.0	0.0	2.9	17.9	1.0	3.4	0.0	3.4	
VMP-05-40	2/2/2012	1339	-0.22	-0.24	OVR	OVR	8.8	6.6	219	92000	48300	43700	
VMP-05-40	2/3/2012	842	-0.47	-0.32	OVR	OVR	10.8	2.0	184	64400	48000	16400	
VMP-05-40	2/7/2012	829	-0.61	-0.50	66.8	OVR	11.0	2.5	185	32660	20650	12010	
VMP-05-40	2/13/2012	1507	-0.50	-0.42	40.7	OVR	11.9	1.2	251	21740	13890	7850	
VMP-05-40	2/14/2012	1556	-1.01	-1.09	31.2	OVR	11.8	1.5	232	26400	15600	10800	
VMP-05-40	2/15/2012	1243	-0.77	-0.62	17.5	OVR	10.5	3.1	213	16460	9230	7230	
VMP-05-40	2/22/2012	854	-0.58	- 0.48	2.0	41.0	11.6	2.0	168	5010	2410	2600	
VMP-05-40	2/29/2012	833	-0.64	- 0.52	0.7	14.0	11.7	2.4	91.2	1150	776	374	
VMP-05-40	3/21/2012	907	-0.58	- 0.54	0.3	6.0	12.0	1.0	44.1	471	329	142	
VMP-05-40	4/18/2012	913	-0.89	-0.86	0.2	4.0	12.1	1.6	26.5	533	318	215	
VMP-05-40	5/16/2012	1151	-1.00	-0.88	0.0	0.0	9.9	9.7	15.7	74.2	30.5	43.7	
VMP-05-40	6/20/2012	1301	-0.78	-0.57	0.0	0.0	8.1	13.3	4.9	24.6	14.6	10.0	
VMP-05-40	7/18/2012	1042	-0.89	-0.81	0.0	0.0	6.1	15.6	2.9	29.6	21.4	8.3	
VMP-05-40	8/15/2012	1013	-0.91	-0.89	0.0	0.0	6.1	15.1	5.1	31.8	18.1	13.7	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-05-40	9/19/2012	1327	-1.04	-1.01	0.0	0.0	5.0	16.2	2.3	21.0	17.8	3.2	
VMP-05-40	10/17/2012	1340	-1.16	-1.11	0.0	0.0	4.3	17.4	2.8	49.4	40.3	9.1	
VMP-05-40	11/20/2012	953	-1.23	-1.20	0.0	0.0	4.1	17.5	2.5	65.2	52.9	12.4	
VMP-05-40	12/19/2012	923	-0.78	-1.05	0.0	0.0	3.9	17.5	1.3	27.3	18.2	9.1	
VMP-05-40	1/16/2013	918	-0.77	-0.52	0.0	0.0	4.0	17.6	0.9	22.2	16.2	6.0	
VMP-05-40	2/25/2013	1035	-0.73	-0.53	0.0	0.0	3.3	17.9	1.7	9.8	5.1	4.7	
VMP-05-40	3/21/2013	1119	-1.43	-1.37	0.0	0.0	2.9	18.7	1.2	10.3	7.7	2.6	
VMP-05-40	4/24/2013	1410	-1.7	-1.69	0.0	0.0	2.5	18.7	0.5	7.1	5.6	1.5	
VMP-05-40	5/23/2013	1327	-2.02	-2.05	0.0	0.0	2.4	18.9	0.5	24.5	19.4	5.1	
VMP-05-40	6/25/2013	1405	-1.26	-1.52	0.0	0.0	2.6	18.0	1.2	16.6	13.2	3.4	
VMP-06-5	2/2/2012	1356	-0.03	-0.05	0.0	0.0	0.7	20.6	0.3	4.7	0.0	4.7	
VMP-06-5	2/3/2012	900	-0.06	-0.05	0.0	0.0	0.4	20.8	0.5	0.5	0.0	0.5	
VMP-06-5	2/7/2012	936	-0.05	-0.05	0.0	0.0	0.3	20.9	0.2	0.0	0.0	0.0	
VMP-06-5	2/15/2012	1330	-0.03	0.00	0.0	0.0	0.3	20.9	0.4	3.5	0.0	3.5	
VMP-06-5	2/22/2012	1059	0.00	0.00	0.0	0.0	0.6	20.7	0.4	0.0	0.0	0.0	
VMP-06-5	2/29/2012	940	-0.12	- 0.05	0.0	0.0	0.8	20.6	0.4	3.4	0.0	3.4	
VMP-06-5	3/21/2012	956	-0.02	0.01	0.0	0.0	0.4	20.7	0.2	0.0	0.0	0.0	
VMP-06-5	4/18/2012	951	-0.06	-0.05	0.0	0.0	0.1	20.9	0.8	5.7	0.0	5.7	
VMP-06-5	5/16/2012	1214	-0.10	-0.07	0.0	0.0	0.1	20.7	0.9	0.0	0.0	0.0	
VMP-06-5	6/20/2012	1018	-0.06	-0.04	0.0	0.0	0.2	20.6	0.5	4.3	0.0	4.3	
VMP-06-5	7/18/2012	950	-0.06	-0.05	0.0	0.0	0.2	20.8	0.4	1.7	0.0	1.7	
VMP-06-5	8/15/2012	930	-0.03	-0.04	0.0	0.0	0.2	20.8	0.7	3.4	0.0	3.4	
VMP-06-5	9/19/2012	1356	-0.01	-0.04	0.0	0.0	0.1	20.8	0.8	2.3	0.0	2.3	
VMP-06-5	10/17/2012	1332	-0.02	-0.08	0.0	0.0	0.1	20.8	0.3	1.9	0.0	1.9	
VMP-06-5	11/20/2012	1100	-0.01	0.00	0.0	0.0	0.0	20.9	0.1	0.7	0.0	0.7	
VMP-06-5	12/19/2012	1138	-0.02	-0.01	0.0	0.0	0.0	20.9	0.1	0.3	0.0	0.3	
VMP-06-5	1/16/2013	958	-0.03	-0.02	0.0	0.0	0.1	20.8	0.1	1.5	0.0	1.5	
VMP-06-5	2/25/2013	1010	-0.05	-0.04	0.0	0.0	0.0	20.9	0.2	1.8	0.0	1.8	
VMP-06-5	3/20/2013	1557	-0.09	-0.03	0.0	0.0	0.0	20.9	0.4	2.7	0.0	2.7	
VMP-06-5	4/24/2013	1059	-0.21	-0.24	0.0	0.0	0	20.9	0.1	0.2	0.0	0.2	
VMP-06-5	5/23/2013	916	-0.18	-0.19	0.0	0.0	0.1	20.8	0.4	1.9	0.0	1.9	
VMP-06-5	6/25/2013	1545	-0.27	0.00	0.0	0.0	0.5	20.2	0.6	2.8	0.0	2.8	
VMP-06-10	2/2/2012	1402	-0.26	-0.14	0.0	0.0	6.8	13.0	0.3	0.0	0.0	0.0	
VMP-06-10	2/3/2012	905	-0.12	-0.16	0.0	0.0	6.0	14.7	0.5	0.0	0.0	0.0	
VMP-06-10	2/7/2012	943	-0.29	-0.24	0.0	0.0	4.1	18.8	0.2	0.0	0.0	0.0	
VMP-06-10	2/15/2012	1331	-0.19	-0.09	0.0	0.0	2.4	20.0	0.3	2.8	0.0	2.8	
VMP-06-10	2/22/2012	1104	-0.12	- 0.08	0.0	0.0	2.1	20.0	0.3	0.0	0.0	0.0	
VMP-06-10	2/29/2012	945	-0.12	- 0.11	0.0	0.0	2.8	17.6	0.5	0.0	0.0	0.0	
VMP-06-10	3/21/2012	1001	-0.08	- 0.04	0.0	0.0	2.2	18.4	0.2	0.0	0.0	0.0	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-06-10	4/18/2012	956	-0.17	-0.12	0.0	0.0	1.8	19.7	0.6	4.5	0.0	4.5	
VMP-06-10	5/16/2012	1217	-0.19	-0.15	0.0	0.0	1.8	19.2	0.5	0.0	0.0	0.0	
VMP-06-10	6/20/2012	1019	-0.12	-0.12	0.0	0.0	1.9	19.0	0.5	2.0	0.0	2.0	
VMP-06-10	7/18/2012	951	-0.12	-0.12	0.0	0.0	1.4	19.8	0.5	0.0	0.0	0.0	
VMP-06-10	8/15/2012	936	-0.09	-0.11	0.0	0.0	1.2	19.8	0.6	2.2	0.0	2.2	
VMP-06-10	9/19/2012	1357	-0.05	-0.11	0.0	0.0	0.8	20.1	0.7	1.5	0.0	1.5	
VMP-06-10	10/17/2012	1333	-0.09	-0.11	0.0	0.0	0.5	20.4	0.4	0.5	0.0	0.5	
VMP-06-10	11/20/2012	1103	-0.04	-0.22	0.0	0.0	0.3	20.6	0.1	0.1	0.0	0.1	
VMP-06-10	12/19/2012	1139	-0.05	-0.03	0.0	0.0	0.3	20.7	0.1	0.2	0.0	0.2	
VMP-06-10	1/16/2013	1002	-0.08	-0.02	0.0	0.0	0.4	20.5	0.1	1.2	0.0	1.2	
VMP-06-10	2/25/2013	1010	-0.12	-0.08	0.0	0.0	0.3	20.6	0.3	0.9	0.0	0.9	
VMP-06-10	3/20/2013	1604	-0.14	-0.12	0.0	0.0	0.2	20.7	0.4	1.6	0.0	1.6	
VMP-06-10	4/24/2013	1103	-0.46	-0.43	0.0	0.0	0.4	20.5	0.1	0.7	0.0	0.7	
VMP-06-10	5/23/2013	918	-0.39	-0.43	0.0	0.0	0.7	20.0	0.3	0.5	0.0	0.5	
VMP-06-10	6/25/2013	1550	-0.09	0.00	0.0	0.0	1.2	19.5	0.5	0.3	0.0	0.3	
VMP-06-31.5	2/2/2012	1408	-0.17	-0.26	OVR	OVR	12.5	3.0	321	69600	41500	28100	
VMP-06-31.5	2/3/2012	910	-0.26	-0.31	84.6	OVR	14.2	0.9	267	60730	42300	18430	
VMP-06-31.5	2/7/2012	948	-0.36	-0.24	50.3	OVR	13.7	1.6	251	27800	20450	7350	
VMP-06-31.5	2/15/2012	1332	-0.19	0.00	48.5	OVR	12.9	1.6	113	36400	20140	16260	
VMP-06-31.5	2/22/2012	1109	0.00	- 0.01	33.3	OVR	13.3	0.6	354	18800	15040	3760	
VMP-06-31.5	2/29/2012	949	-0.28	- 0.26	21.6	OVR	12.4	1.4	350	17880	10600	7280	
VMP-06-31.5	3/21/2012	1006	-0.19	- 0.06	10.1	OVR	12.6	0.2	365	9200	4230	4970	
VMP-06-31.5	4/18/2012	1000	-1.14	-0.20	1.2	24.0	9.8	4.1	205	1780	900	880	
VMP-06-31.5	5/16/2012	1217	-0.40	-0.33	0.0	0.0	10.9	3.5	41.6	279	143	136	
VMP-06-31.5	6/20/2012	1020	-0.30	-0.30	0.0	0.0	9.6	5.5	14.0	84.0	35.0	49.0	
VMP-06-31.5	7/18/2012	952	-0.29	-0.30	0.0	0.0	7.3	9.1	4.0	44.1	41.2	2.9	
VMP-06-31.5	8/15/2012	950	-0.25	-0.25	0.0	0.0	6.5	9.6	2.0	6.6	5.0	1.6	
VMP-06-31.5	9/19/2012	1358	-0.14	-0.23	0.0	0.0	6.5	10.6	1.5	5.3	2.0	3.3	
VMP-06-31.5	10/17/2012	1334	-0.25	-0.22	0.0	0.0	6.9	11.0	1.5	15.6	15.6	0.0	
VMP-06-31.5	11/20/2012	1106	-0.27	-0.24	0.0	0.0	6.4	12.4	0.6	20.2	20.2	0.0	
VMP-06-31.5	12/19/2012	1140	-0.09	-0.04	0.0	0.0	6.6	12.4	0.3	27.2	27.2	0.0	
VMP-06-31.5	1/16/2013	1006	-0.17	-0.03	0.0	0.0	7.1	11.0	0.3	16.5	16.3	0.2	
VMP-06-31.5	2/25/2013	1015	-0.26	-0.17	0.0	0.0	7.6	10.0	0.4	12.5	12.5	0.0	
VMP-06-31.5	3/20/2013	1610	-0.48	-0.30	0.0	0.0	6.2	12.2	0.6	10.2	10.2	0.0	
VMP-06-31.5	4/24/2013	1107	-1.24	-0.89	0.0	0.0	5.7	14.3	0.3	2.9	0.0	2.9	
VMP-06-31.5	5/23/2013	919	-0.90	-1.01	0.0	0.0	4.4	16.0	0.3	3.9	0.0	3.9	
VMP-06-31.5	6/25/2013	1555	-0.21	-0.08	0.0	0.0	4.4	16.4	0.4	1.9	0.0	1.9	
VMP-06-39	2/2/2012	1420	0.00	0.08	OVR	OVR	14.3	1.0	343	94000	52500	41500	
VMP-06-39	2/3/2012	916	-0.38	-0.48	OVR	OVR	14.5	0.9	287	62500	42000	20500	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-06-39	2/7/2012	952	-0.34	-0.42	67.2	OVR	14.4	0.7	265	43150	29480	13670	
VMP-06-39	2/15/2012	1333	-0.33	0.04	41.0	OVR	13.0	1.4	279	37000	23630	13370	
VMP-06-39	2/22/2012	1114	0.01	- 0.04	29.3	OVR	13.1	1.5	324	24800	16730	8070	
VMP-06-39	2/29/2012	953	-0.31	- 0.26	OVR	OVR	12.2	2.0	103	348000	285000	63000	
VMP-06-39	3/21/2012	NA	-0.32	0.09	16.9	OVR	12.8	0.1	422	13600	5860	7740	
VMP-06-39	4/18/2012	1004	-0.36	-0.24	4.5	91.0	12.0	0.6	375	3900	1400	2500	
VMP-06-39	5/16/2012	1217	-0.39	-0.31	0.5	10.0	12.1	1.5	117	770	322	448	
VMP-06-39	6/20/2012	1021	-0.29	-0.30	0.0	0.0	11.0	4.2	21.0	203	147	56.0	
VMP-06-39	7/18/2012	953	-0.29	-0.30	0.0	0.0	9.6	5.7	6.7	94.6	69.2	25.4	
VMP-06-39	8/15/2012	944	-0.25	-0.24	0.1	2.0	10.3	3.8	43.3	313	313	0.0	
VMP-06-39	9/19/2012	1359	-0.15	-0.23	0.0	0.0	10.7	4.1	16.2	79.4	48.0	31.4	
VMP-06-39	10/17/2012	1335	-0.25	-0.22	0.0	0.0	11.0	4.6	4.3	35.1	13.4	21.7	
VMP-06-39	11/20/2012	1109	-0.28	-0.24	0.0	0.0	12.8	6.3	1.0	27.6	15.9	11.7	
VMP-06-39	12/19/2012	1141	-0.09	-0.05	2.3	46.0	12.6	4.8	126	5000	3600	1400	
VMP-06-39	1/16/2013	1010	-0.18	-0.01	0.0	0.0	11.2	5.5	0.7	77.5	60.5	17.0	
VMP-06-39	2/25/2013	1455	0.13	0.20	0.0	0.0	11.4	4.6	0.4	10.1	0.0	10.1	
VMP-06-39	3/20/2013	1615	-0.26	-0.30	0.0	0.0	10.1	6.8	0.6	19.2	0.0	19.2	
VMP-06-39	4/24/2013	1111	-0.97	-0.88	0.0	0.0	8.9	10.5	0.3	3.0	0.0	3.0	
VMP-06-39	5/23/2013	919	-0.90	-1.01	0.0	0.0	7.5	12.8	0.4	0.8	0.0	0.8	
VMP-06-39	6/25/2013	1600	-0.18	-0.06	0.0	0.0	6.2	14.5	0.6	0.5	0.0	0.5	
VMP-07-5	2/6/2012	1039	-0.14	-0.08	0.0	0.0	5.6	16.3	1.6	0.5	0.0	0.5	
VMP-07-5	2/7/2012	1028	-0.11	-0.12	0.0	0.0	3.7	19.8	4.0	6.6	0.0	6.6	
VMP-07-5	2/8/2012	921	-0.18	-0.19	0.0	0.0	2.5	20.3	2.0	2.7	0.0	2.7	
VMP-07-5	2/15/2012	1410	-0.02	-0.19	0.0	0.0	0.8	20.8	1.2	4.7	0.0	4.7	
VMP-07-5	2/22/2012	1029	-0.05	0.00	0.0	0.0	0.6	20.9	1.2	9.2	7.9	1.3	
VMP-07-5	2/29/2012	1023	-0.08	- 0.07	0.0	0.0	1.5	18.9	1.5	1.4	0.0	1.4	
VMP-07-5	3/21/2012	1029	-0.04	- 0.02	0.0	0.0	0.9	19.5	0.8	0.0	0.0	0.0	
VMP-07-5	4/18/2012	1023	-0.09	-0.23	0.0	0.0	0.5	20.5	0.9	4.7	0.0	4.7	
VMP-07-5	5/16/2012	1407	-0.04	-0.05	0.0	0.0	0.2	20.6	1.0	1.8	0.0	1.8	
VMP-07-5	6/20/2012	945	-0.03	-0.04	0.0	0.0	0.4	20.3	0.4	2.2	0.0	2.2	
VMP-07-5	7/18/2012	1324	0.00	0.00	0.0	0.0	0.3	20.3	0.5	3.5	0.0	3.5	
VMP-07-5	8/15/2012	902	-0.05	-0.23	0.0	0.0	0.5	20.4	0.5	3.9	0.0	3.9	
VMP-07-5	9/19/2012	1426	0.00	-0.03	0.0	0.0	0.3	20.6	0.6	3.0	0.0	3.0	
VMP-07-5	10/17/2012	1025	-0.16	-0.11	0.0	0.0	0.3	20.5	0.3	1.3	0.0	1.3	
VMP-07-5	11/20/2012	1325	-0.06	-0.11	0.0	0.0	0.3	20.5	0.1	0.3	0.0	0.3	
VMP-07-5	12/19/2012	1247	-0.02	-0.01	0.0	0.0	0.3	20.7	0.1	0.9	0.0	0.9	
VMP-07-5	1/16/2013	1023	-0.02	-0.03	0.0	0.0	0.0	20.9	0.1	2.0	0.0	2.0	
VMP-07-5	2/26/2013	1437	-0.63	-2.55	0.0	0.0	1.6	17.9	0.2	4.0	0.0	4.0	
VMP-07-5	3/21/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Unable to sample. Stainless steel tubing broken.

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-07-5	4/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Unable to sample. Stainless steel tubing broken.
VMP-07-5	5/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-install.
VMP-07-5	6/26/2013	1054	-0.07	-0.06	0.0	0.0	0.5	20.3	1.0	2.9	0.0	2.9	
VMP-07-13.5	2/6/2012	1045	-0.32	-0.14	0.0	1.0	6.2	15.4	1.2	0.0	0.0	0.0	
VMP-07-13.5	2/7/2012	1049	-0.20	-0.24	0.0	0.0	4.4	18.6	4.2	4.6	0.0	4.6	
VMP-07-13.5	2/8/2012	926	-0.35	-0.36	0.0	0.0	2.8	19.8	1.9	1.5	0.0	1.5	
VMP-07-13.5	2/15/2012	1411	-0.04	-0.30	0.0	0.0	1.2	20.1	1.2	4.9	0.0	4.9	
VMP-07-13.5	2/22/2012	1035	-0.08	- 0.3	0.0	0.0	1.1	20.1	1.3	6.9	0.0	6.9	
VMP-07-13.5	2/29/2012	1027	-0.15	- 0.16	0.0	0.0	1.8	18.9	1.4	0.9	0.0	0.9	
VMP-07-13.5	3/21/2012	1033	-0.09	- 0.02	0.0	0.0	1.0	19.3	1.0	0.0	0.0	0.0	
VMP-07-13.5	4/18/2012	1026	-0.18	-0.15	0.0	0.0	0.6	20.3	0.8	4.1	0.0	4.1	
VMP-07-13.5	5/16/2012	1413	-0.18	-0.19	0.0	0.0	0.8	20.1	0.9	0.0	0.0	0.0	
VMP-07-13.5	6/20/2012	946	-0.18	-0.18	0.0	0.0	0.9	19.9	0.5	1.4	0.0	1.4	
VMP-07-13.5	7/18/2012	1325	-0.02	0.00	0.0	0.0	1.2	19.5	0.7	2.5	0.0	2.5	
VMP-07-13.5	8/15/2012	906	-0.17	-0.17	0.0	0.0	1.2	19.9	0.5	2.5	0.0	2.5	
VMP-07-13.5	9/19/2012	1429	-0.14	-0.12	0.0	0.0	0.7	20.2	0.5	1.8	0.0	1.8	
VMP-07-13.5	10/17/2012	1026	-0.27	-0.25	0.0	0.0	0.6	20.4	0.6	0.7	0.0	0.7	
VMP-07-13.5	11/20/2012	1328	-0.18	-0.24	0.0	0.0	0.3	20.5	0.2	0.5	0.0	0.5	
VMP-07-13.5	12/19/2012	1248	0.02	-0.01	0.0	0.0	0.3	20.5	0.3	0.1	0.0	0.1	
VMP-07-13.5	1/16/2013	1328	0.00	-1.09	0.0	0.0	0.0	20.9	0.1	2.4	0.0	2.4	
VMP-07-13.5	2/25/2013	1438	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Unable to sample. Stainless steel tubing broken.
VMP-07-13.5	3/21/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Unable to sample. Stainless steel tubing broken.
VMP-07-13.5	4/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Unable to sample. Stainless steel tubing broken.
VMP-07-13.5	5/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-install.
VMP-07-13.5	6/26/2013	1101	-0.12	-0.09	0.0	0.0	0.9	20.0	1.1	2.0	0.0	2.0	
VMP-07-29.5	2/6/2012	1049	-0.60	-0.24	3.4	69.0	16.1	1.0	179	12300	8000	4300	
VMP-07-29.5	2/7/2012	1039	-0.38	-0.54	2.5	50.0	16.0	1.2	161	5470	4230	1240	
VMP-07-29.5	2/8/2012	930	-0.46	-0.10	1.3	26.0	16.2	0.8	136	3830	2980	850	
VMP-07-29.5	2/15/2012	1412	0.12	-0.21	0.3	7.0	15.1	1.2	76.2	1030	805	225	
VMP-07-29.5	2/22/2012	1039	0.08	- 0.07	0.0	0.0	13.5	2.9	15.0	161	95.1	66.1	
VMP-07-29.5	2/29/2012	1031	-0.20	- 0.21	0.0	0.0	11.6	5.5	17.6	85.2	62.7	22.5	
VMP-07-29.5	3/21/2012	1036	-0.01	- 0.03	0.0	0.0	10.9	5.4	19.4	385	262	123	
VMP-07-29.5	4/18/2012	1030	-0.23	-0.18	0.0	0.0	8.1	12.2	1.2	10.2	5.4	4.8	
VMP-07-29.5	5/16/2012	1417	-0.22	-0.22	0.0	0.0	6.3	15.2	2.0	1.5	0.0	1.5	
VMP-07-29.5	6/20/2012	947	-0.21	-0.23	0.0	0.0	5.8	15.8	0.9	2.7	0.0	2.7	
VMP-07-29.5	7/18/2012	1326	-0.02	0.00	0.0	0.0	5.1	16.4	1.2	4.2	0.0	4.2	
VMP-07-29.5	8/15/2012	911	-0.22	-0.23	0.0	0.0	5.5	16.2	0.8	10.2	9.3	0.8	
VMP-07-29.5	9/19/2012	1429	-0.18	-0.15	0.0	0.0	4.8	16.5	0.7	4.8	0.0	4.8	
VMP-07-29.5	10/17/2012	1026	-0.34	-0.31	0.0	0.0	4.5	17.0	0.4	2.3	0.0	2.3	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-07-29.5	11/20/2012	1331	-0.25	-0.31	0.0	0.0	3.8	17.1	0.5	1.5	0.0	1.5	
VMP-07-29.5	12/19/2012	1249	-0.18	-0.02	0.0	0.0	4.2	17.2	0.2	3.5	0.0	3.5	
VMP-07-29.5	1/16/2013	1332	-0.16	-0.06	0.0	0.0	1.3	19.5	0.2	18.0	13.1	4.9	
VMP-07-29.5	2/26/2013	1440	0.00	-0.30	0.0	0.0	3.8	16.2	0.2	3.0	0.0	3.0	
VMP-07-29.5	3/20/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during sampling.
VMP-07-29.5	4/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Unable to sample. Stainless steel tubing broken.
VMP-07-29.5	5/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-install.
VMP-07-29.5	6/26/2013	1106	-0.07	-0.11	0.0	0.0	2.5	18.6	0.9	1.7	0.0	1.7	
VMP-07-38	2/6/2012	1054	-0.32	-0.16	5.9	OVR	16.0	1.2	232	11490	11070	420	
VMP-07-38	2/7/2012	1044	-0.24	-0.28	5.6	OVR	15.9	1.4	259	7940	5800	2140	
VMP-07-38	2/8/2012	935	-0.42	-0.44	2.5	57.0	15.6	1.7	214	6980	4460	2520	
VMP-07-38	2/15/2012	1413	-0.02	-0.36	0.0	1.0	13.6	1.8	16.2	715	696	19.4	
VMP-07-38	2/22/2012	1044	-0.08	0.00	0.2	5.0	14.9	1.0	78.7	395	145	250	
VMP-07-38	2/29/2012	1035	-0.18	0.00	0.3	7.0	14.3	1.0	87.1	403	110	293	
VMP-07-38	3/21/2012	1040	-0.12	- 0.04	0.0	0.0	13.0	2.5	26.8	416	284	132	
VMP-07-38	4/18/2012	1110	-0.21	-0.10	0.0	0.0	7.0	13.0	6.8	11.0	6.0	5.0	
VMP-07-38	5/16/2012	1422	-0.03	-0.06	0.0	0.0	0.5	20.4	0.7	0.5	0.0	0.5	
VMP-07-38	6/20/2012	948	-0.06	-0.06	0.0	0.0	0.8	20.0	0.4	3.5	0.0	3.5	
VMP-07-38	7/18/2012	1327	0.00	0.00	0.0	0.0	0.1	20.7	1.0	4.7	0.0	4.7	
VMP-07-38	8/15/2012	916	-0.04	-0.04	0.0	0.0	0.4	20.5	0.6	3.7	0.0	3.7	
VMP-07-38	9/19/2012	1429	-0.23	-0.03	0.0	0.0	0.5	20.1	0.7	3.4	0.0	3.4	
VMP-07-38	10/17/2012	1030	0.00	-0.13	0.0	0.0	0.8	20.1	0.6	2.2	0.0	2.2	
VMP-07-38	11/20/2012	1334	-0.16	-0.17	0.0	0.0	3.2	18.0	0.4	2.8	0.0	2.8	
VMP-07-38	12/19/2012	1250	-0.03	0.00	0.0	0.0	0.9	20.2	0.1	1.8	0.0	1.8	
VMP-07-38	1/16/2013	1336	-1.63	-0.03	0.0	0.0	1.1	19.7	0.2	4.8	0.0	4.8	
VMP-07-38	2/26/2013	1441	-0.32	-0.36	0.0	0.0	0.5	20.2	0.1	2.0	0.0	2.0	
VMP-07-38	3/20/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during sampling.
VMP-07-38	4/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Unable to sample. Stainless steel tubing broken.
VMP-07-38	5/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-install.
VMP-07-38	6/26/2013	1111	-0.06	-0.10	0.0	0.0	3.5	17.8	1.1	1.4	0.0	1.4	
VMP-09-5	2/6/2012	1108	-0.02	0.00	0.0	0.0	2.0	19.0	1.2	1.0	0.0	1.0	
VMP-09-5	2/7/2012	1100	-0.50	0.00	0.0	0.0	1.4	19.9	1.8	0.3	0.0	0.3	
VMP-09-5	2/8/2012	949	-0.07	-0.01	0.0	0.0	0.9	20.6	0.5	0.0	0.0	0.0	
VMP-09-5	2/15/2012	1458	-0.03	-0.02	0.0	0.0	0.8	20.8	0.9	4.1	0.0	4.1	
VMP-09-5	2/22/2012	1127	0.00	0.00	0.0	0.0	1.0	20.5	1.2	4.3	0.0	4.3	
VMP-09-5	2/29/2012	1319	0.00	- 0.05	0.0	0.0	1.5	19.7	1.5	20.7	1.4	19.3	
VMP-09-5	3/21/2012	1052	-0.01	- 0.01	0.0	0.0	0.8	19.6	0.7	0.0	0.0	0.0	
VMP-09-5	4/18/2012	1051	-0.01	0.00	0.0	0.0	0.3	20.6	0.4	3.0	0.0	3.0	
VMP-09-5	5/16/2012	1303	0.00	-0.04	0.0	0.0	0.4	20.4	0.7	0.0	0.0	0.0	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-09-5	6/20/2012	906	0.00	-0.02	0.0	0.0	0.7	20.1	0.5	2.3	0.0	2.3	
VMP-09-5	7/18/2012	906	-0.02	NM	0.0	0.0	0.5	20.4	0.4	1.4	0.0	1.4	
VMP-09-5	8/15/2012	835	-0.04	-0.02	0.0	0.0	0.5	20.3	0.6	3.2	0.0	3.2	
VMP-09-5	9/19/2012	1131	-0.02	-0.02	0.0	0.0	0.7	20.1	0.5	1.6	0.0	1.6	
VMP-09-5	10/17/2012	1320	-0.01	0.00	0.0	0.0	0.3	20.5	0.6	0.8	0.0	0.8	
VMP-09-5	11/20/2012	1355	-0.04	-0.01	0.0	0.0	0.2	20.7	0.4	0.7	0.0	0.7	
VMP-09-5	12/19/2012	1208	-0.01	0.00	0.0	0.0	0.2	20.8	0.1	0.5	0.0	0.5	
VMP-09-5	1/16/2013	1046	-0.01	-0.02	0.0	0.0	0.1	20.8	0.1	0.8	0.0	0.8	
VMP-09-5	2/25/2013	953	-0.03	0.00	0.0	0.0	0.2	20.7	0.3	0.6	0.0	0.6	
VMP-09-5	3/20/2013	1443	-0.05	0.00	0.0	0.0	0.1	20.8	0.7	2.6	0.0	2.6	
VMP-09-5	4/24/2013	947	-0.12	-0.10	0.0	0.0	0.1	20.5	0.2	0.7	0.0	0.7	
VMP-09-5	5/22/2013	1554	-0.05	-0.05	0.0	0.0	0.2	20.4	0.6	1.7	0.0	1.7	
VMP-09-5	6/26/2013	1323	0.00	0.00	0.0	0.0	0.7	19.5	0.6	0.9	0.0	0.9	
VMP-09-11.5	2/6/2012	1114	-0.05	-0.02	0.0	0.0	6.1	14.3	1.5	0.1	0.0	0.1	
VMP-09-11.5	2/7/2012	1105	-0.13	-0.07	0.0	0.0	4.5	16.8	2.2	0.0	0.0	0.0	
VMP-09-11.5	2/8/2012	954	-0.17	-0.14	0.0	0.0	3.3	18.6	0.7	0.0	0.0	0.0	
VMP-09-11.5	2/15/2012	1459	-0.11	-0.05	0.0	0.0	2.1	19.9	0.8	3.4	0.0	3.4	
VMP-09-11.5	2/22/2012	1131	0.00	0.02	0.0	0.0	2.5	19.0	1.2	1.9	0.0	1.9	
VMP-09-11.5	2/29/2012	1324	0.00	- 0.05	0.0	0.0	0.2	20.9	1.2	14.3	2.2	12.1	
VMP-09-11.5	3/21/2012	1056	-0.04	0.00	0.0	0.0	1.1	19.4	0.6	0.0	0.0	0.0	
VMP-09-11.5	4/18/2012	1056	-0.07	-0.06	0.0	0.0	0.8	20.1	0.4	2.7	0.0	2.7	
VMP-09-11.5	5/16/2012	1303	-0.05	-0.04	0.0	0.0	1.2	19.7	0.9	0.0	0.0	0.0	
VMP-09-11.5	6/20/2012	907	-0.08	-0.50	0.0	0.0	1.4	19.9	0.4	0.8	0.0	0.8	
VMP-09-11.5	7/18/2012	907	-0.12	-0.02	0.0	0.0	1.2	19.8	0.5	0.7	0.0	0.7	
VMP-09-11.5	8/15/2012	840	-0.11	-0.08	0.0	0.0	1.1	19.7	0.5	2.7	0.0	2.7	
VMP-09-11.5	9/19/2012	1132	-0.09	-0.10	0.0	0.0	1.0	19.8	0.7	0.9	0.0	0.9	
VMP-09-11.5	10/17/2012	1321	-0.07	-0.05	0.0	0.0	0.6	20.1	0.4	0.9	0.0	0.9	
VMP-09-11.5	11/20/2012	1358	-0.14	-0.45	0.0	0.0	0.3	20.6	0.2	0.3	0.0	0.3	
VMP-09-11.5	12/19/2012	1209	-0.01	0.06	0.0	0.0	0.4	20.4	0.1	0.3	0.0	0.3	
VMP-09-11.5	1/16/2013	1050	-0.02	-0.03	0.0	0.0	0.3	20.6	0.1	1.1	0.0	1.1	
VMP-09-11.5	2/25/2013	955	-0.08	-0.03	0.0	0.0	0.3	20.6	0.2	0.3	0.0	0.3	
VMP-09-11.5	3/20/2013	1448	-0.09	-0.07	0.0	0.0	0.1	20.8	0.7	2.3	0.0	2.3	
VMP-09-11.5	4/24/2013	951	-0.38	-0.27	0.0	0.0	0.2	20.6	0.3	0.8	0.0	0.8	
VMP-09-11.5	5/22/2013	1555	-0.18	-0.18	0.0	0.0	0.7	20.1	0.5	0.5	0.0	0.5	
VMP-09-11.5	6/26/2013	1328	-0.19	0.00	0.0	0.0	1.4	19.0	0.6	0.6	0.0	0.6	
VMP-09-25.5	2/6/2012	1119	-0.12	-0.07	0.0	0.0	14.9	2.0	1.6	55.0	46.6	8.4	
VMP-09-25.5	2/7/2012	1110	-0.28	-0.19	0.0	0.0	13.6	4.3	2.6	0.1	0.0	0.1	
VMP-09-25.5	2/8/2012	959	-0.38	-0.32	0.0	0.0	11.7	7.3	0.8	0.0	0.0	0.0	
VMP-09-25.5	2/15/2012	1500	-0.25	-0.11	0.0	0.0	9.5	11.1	0.8	81.0	59.0	22.0	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-09-25.5	2/22/2012	1136	0.07	0.05	0.0	0.0	10.1	11.4	1.7	14.4	11.0	3.4	
VMP-09-25.5	2/29/2012	1328	0.00	- 0.02	0.0	0.0	8.4	13.0	2.0	4.2	0.0	4.2	
VMP-09-25.5	3/21/2012	1059	-0.10	0.00	0.0	0.0	5.9	14.6	0.8	0.0	0.0	0.0	
VMP-09-25.5	4/18/2012	1059	-0.16	-0.15	0.0	0.0	3.1	18.5	0.3	2.6	0.0	2.6	
VMP-09-25.5	5/16/2012	1303	-0.16	-0.15	0.0	0.0	2.7	18.2	0.5	0.0	0.0	0.0	
VMP-09-25.5	6/20/2012	908	-0.26	-0.19	0.0	0.0	2.7	18.3	0.4	0.7	0.0	0.7	
VMP-09-25.5	7/18/2012	908	-0.28	-0.31	0.0	0.0	2.9	18.5	0.6	0.0	0.0	0.0	
VMP-09-25.5	8/15/2012	845	-0.25	-0.19	0.0	0.0	2.8	18.7	0.4	2.0	0.0	2.0	
VMP-09-25.5	9/19/2012	1133	-0.23	-0.21	0.0	0.0	2.2	18.9	0.8	1.1	0.0	1.1	
VMP-09-25.5	10/17/2012	1322	-0.17	-0.12	0.0	0.0	1.8	19.4	0.4	0.9	0.0	0.9	
VMP-09-25.5	11/20/2012	1401	-0.31	-0.34	0.0	0.0	1.2	20.0	0.3	0.7	0.0	0.7	
VMP-09-25.5	12/19/2012	1210	-0.01	0.11	0.0	0.0	1.8	19.7	0.2	0.2	0.0	0.2	
VMP-09-25.5	1/16/2013	1357	-0.05	-0.03	0.0	0.0	1.7	19.7	0.1	1.0	0.0	1.0	
VMP-09-25.5	2/25/2013	1000	-0.16	-0.08	0.0	0.0	1.2	19.9	0.3	0.3	0.0	0.3	
VMP-09-25.5	3/20/2013	1459	-0.20	-0.15	0.0	0.0	0.8	20.4	0.4	0.7	0.0	0.7	
VMP-09-25.5	4/24/2013	955	-0.78	-0.57	0.0	0.0	0.6	20.1	0.2	1.2	0.0	1.2	
VMP-09-25.5	5/22/2013	1556	-0.45	-0.44	0.0	0.0	0.8	19.7	0.5	0.6	0.0	0.6	
VMP-09-25.5	6/26/2013	1335	-0.07	-0.06	0.0	0.0	1.4	19.0	0.6	0.7	0.0	0.7	
VMP-09-38.5	2/6/2012	1123	-0.12	-0.04	0.5	10.0	16.3	0.7	39.3	3100	3080	20.0	
VMP-09-38.5	2/7/2012	1115	-0.26	-0.18	0.3	6.0	15.8	1.0	41.0	1800	1280	520	
VMP-09-38.5	2/8/2012	1003	-0.37	-0.31	0.1	3.0	15.2	2.0	29.7	1000	790	210	
VMP-09-38.5	2/15/2012	1501	-0.43	-0.31	0.0	0.0	14.7	1.4	12.0	190	139	50.8	
VMP-09-38.5	2/22/2012	1141	0.22	- 0.21	0.0	0.0	14.5	1.1	17.8	59.6	32.2	27.4	
VMP-09-38.5	2/29/2012	1332	-0.09	- 0.18	0.0	0.0	13.5	2.9	10.5	92.6	63.8	28.8	
VMP-09-38.5	3/21/2012	1109	-0.08	0.00	0.0	0.0	11.5	8.2	1.5	0.0	0.0	0.0	
VMP-09-38.5	4/18/2012	1102	-0.16	-0.15	0.0	0.0	7.2	14.6	0.8	5.2	0.0	5.2	
VMP-09-38.5	5/16/2012	1303	-0.16	-0.15	0.0	0.0	6.2	15.6	0.8	0.0	0.0	0.0	
VMP-09-38.5	6/20/2012	909	-0.29	-0.18	0.0	0.0	5.3	15.9	0.7	1.8	0.0	1.8	
VMP-09-38.5	7/18/2012	909	-0.29	-0.21	0.0	0.0	5.5	16.1	0.7	0.5	0.0	0.5	
VMP-09-38.5	8/15/2012	850	-0.25	-0.19	0.0	0.0	5.7	16.6	0.5	4.9	0.0	4.9	
VMP-09-38.5	9/19/2012	1134	-0.20	-0.23	0.0	0.0	5.7	14.7	0.9	2.3	0.0	2.3	
VMP-09-38.5	10/17/2012	1323	-0.18	-0.09	0.0	0.0	6.3	13.8	12.1	65.9	23.5	42.4	
VMP-09-38.5	11/20/2012	1404	-0.32	-0.35	0.0	0.0	5.5	15.9	0.4	1.0	0.0	1.0	
VMP-09-38.5	12/19/2012	1211	-0.02	0.14	0.0	0.0	5.9	15.5	0.2	0.9	0.0	0.9	
VMP-09-38.5	1/16/2013	1058	-0.04	-0.05	0.0	0.0	5.9	15.9	0.1	1.3	0.0	1.3	
VMP-09-38.5	2/25/2013	1000	-0.17	-0.07	0.0	0.0	5.6	15.7	0.3	0.4	0.0	0.4	
VMP-09-38.5	3/20/2013	1509	-0.20	-0.16	0.0	0.0	4.8	17.4	0.6	1.9	0.0	1.9	
VMP-09-38.5	4/24/2013	959	-0.81	-0.59	0.0	0.0	4	18.1	0.2	0.8	0.0	0.8	
VMP-09-38.5	5/22/2013	1557	-0.46	-0.46	0.0	0.0	4.2	17.7	0.6	0.2	0.0	0.2	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-09-38.5	6/26/2013	1342	-0.08	0.00	0.0	0.0	3.0	18.0	0.5	1.1	0.0	1.1	
VMP-10-5	12/5/2012	1455	-0.01	-0.08	0.0	0.0	1.6	19.1	0.2	1.0	0.0	1.0	Initail sample after Public Works SVE startup.
VMP-10-5	12/6/2012	1317	0.00	-0.01	0.0	0.0	1.2	19.7	0.2	0.3	0.0	0.3	
VMP-10-5	12/13/2012	1353	-0.03	-0.03	0.0	0.0	0.4	20.5	0.1	0.6	0.0	0.6	
VMP-10-5	12/19/2012	1324	-0.04	-0.16	0.0	0.0	0.3	20.6	0.3	0.9	0.0	0.9	
VMP-10-5	1/16/2013	931	-0.03	-0.06	0.0	0.0	0.1	20.9	0.1	0.8	0.0	0.8	
VMP-10-5	2/25/2013	1040	-0.02	-0.06	0.0	0.0	0.1	20.8	0.3	2.1	0.0	2.1	
VMP-10-5	3/20/2013	1403	-0.02	0.00	0.0	0.0	0.0	20.9	0.5	3.1	0.0	3.1	
VMP-10-5	4/25/2013	836	-0.14	-0.01	0.0	0.0	0.2	20.7	0.2	1.9	0.0	1.9	
VMP-10-5	5/22/2013	1432	-0.14	-0.13	0.0	0.0	0.3	20.6	0.5	1.5	0.0	1.5	
VMP-10-5	6/25/2013	1330	-0.11	-0.12	0.0	0.0	0.7	20.6	0.4	0.3	0.0	0.3	
VMP-10-10	12/5/2012	1505	-0.04	-0.09	0.0	0.0	2.2	18.4	0.3	0.8	0.0	0.8	Initail sample after Public Works SVE startup.
VMP-10-10	12/6/2012	1317	-0.03	-0.02	0.0	0.0	2.1	18.5	0.1	1.0	0.0	1.0	
VMP-10-10	12/13/2012	1357	-0.05	-0.02	0.0	0.0	0.8	20.1	0.2	0.4	0.0	0.4	
VMP-10-10	12/19/2012	1328	-0.15	-0.20	0.0	0.0	0.5	20.5	0.2	0.3	0.0	0.3	
VMP-10-10	1/16/2013	932	-0.04	-0.20	0.0	0.0	0.2	20.8	0.1	1.4	0.0	1.4	
VMP-10-10	2/25/2013	1045	-0.03	-0.07	0.0	0.0	0.1	20.7	0.2	1.6	0.0	1.6	
VMP-10-10	3/20/2013	1407	-0.03	0.00	0.0	0.0	0.0	20.9	0.3	1.6	0.0	1.6	
VMP-10-10	4/25/2013	841	-0.15	-0.01	0.0	0.0	0.2	20.7	0.2	0.8	0.0	0.8	
VMP-10-10	5/22/2013	1433	-0.17	-0.17	0.0	0.0	0	20.9	0.4	2.3	0.0	2.3	
VMP-10-10	6/25/2013	1334	-0.13	-0.12	0.0	0.0	0.6	20.6	0.5	0.1	0.0	0.1	
VMP-10-20	12/5/2012	1507	-0.08	-0.11	0.0	0.0	4.1	16.0	0.4	0.2	0.0	0.2	Initail sample after Public Works SVE startup.
VMP-10-20	12/6/2012	1318	-0.04	-0.03	0.0	0.0	3.8	16.4	0.3	0.6	0.0	0.6	
VMP-10-20	12/13/2012	1401	-0.03	-0.03	0.0	0.0	2.5	18.8	0.4	0.3	0.0	0.3	
VMP-10-20	12/19/2012	1332	-0.05	-0.09	0.0	0.0	1.7	19.5	0.2	0.4	0.0	0.4	
VMP-10-20	1/16/2013	933	-0.04	-0.07	0.0	0.0	0.6	20.5	0.2	1.0	0.0	1.0	
VMP-10-20	2/25/2013	1050	-0.03	-0.08	0.0	0.0	0.3	20.6	0.3	1.4	0.0	1.4	
VMP-10-20	3/20/2013	1411	-0.05	-0.01	0.0	0.0	0.2	20.8	0.3	1.4	0.0	1.4	
VMP-10-20	4/25/2013	846	-0.20	-0.03	0.0	0.0	0.2	20.7	0.2	0.4	0.0	0.4	
VMP-10-20	5/22/2013	1434	-0.23	-0.23	0.0	0.0	0.4	20.5	0.5	0.6	0.0	0.6	
VMP-10-20	6/25/2013	1338	-0.21	-0.16	0.0	0.0	0.6	20.4	0.5	0.3	0.0	0.3	
VMP-10-30	12/5/2012	1512	-0.08	-0.11	0.0	0.0	6.1	13.8	0.5	6.2	2.7	3.5	Initail sample after Public Works SVE startup.
VMP-10-30	12/6/2012	1318	-0.04	-0.04	0.0	0.0	5.9	14.0	0.2	1.9	0.0	1.9	
VMP-10-30	12/13/2012	1403	-0.03	-0.04	0.0	0.0	5.2	15.7	0.4	2.0	1.0	1.0	
VMP-10-30	12/19/2012	1336	-0.05	-0.12	0.0	0.0	4.4	16.6	0.3	3.1	0.0	3.1	
VMP-10-30	1/16/2013	934	-0.06	-0.09	0.0	0.0	2.6	18.8	0.2	1.2	0.0	1.2	
VMP-10-30	2/25/2013	1055	-0.04	-0.10	0.0	0.0	1.7	19.2	0.3	1.0	0.0	1.0	
VMP-10-30	3/20/2013	1415	-0.06	-0.01	0.0	0.0	1.5	19.8	0.4	1.2	0.0	1.2	
VMP-10-30	4/25/2013	851	-0.23	-0.03	0.0	0.0	1.2	20.0	0.2	0.2	0.0	0.2	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-10-30	5/22/2013	1435	-0.24	-0.26	0.0	0.0	1.1	19.7	0.6	1.3	0.0	1.3	
VMP-10-30	6/25/2013	1342	-0.19	-0.18	0.0	0.0	1.1	20.1	0.6	0.9	0.0	0.9	
VMP-11-5	12/3/2012	1542	-0.03	-0.02	0.0	0.0	1.4	18.8	0.3	3.3	0.0	3.3	Initail sample after Public Works SVE startup.
VMP-11-5	12/4/2012	1350	-0.05	-0.05	0.0	0.0	1.2	19.9	0.3	1.2	0.0	1.2	
VMP-11-5	12/13/2012	1521	-0.10	-0.04	0.0	0.0	0.7	20.2	0.1	0.5	0.0	0.5	
VMP-11-5	12/19/2012	1433	-0.02	-0.05	0.0	0.0	0.7	20.4	0.4	2.1	0.0	2.1	
VMP-11-5	1/16/2013	1515	-0.01	-0.01	0.0	0.0	0.3	20.6	0.8	6.2	0.0	6.2	
VMP-11-5	2/25/2013	907	-0.03	-0.03	0.0	0.0	0.2	20.7	3.4	8.6	0.0	8.6	
VMP-11-5	3/20/2013	1550	-0.05	-0.05	0.0	0.0	0.1	20.8	1.5	4.3	0.0	4.3	
VMP-11-5	4/25/2013	951	-0.07	0	0.0	0.0	0.3	20.7	0.3	1.1	0.0	1.1	
VMP-11-5	5/23/2013	801	-0.12	-0.16	0.0	0.0	0.7	20.3	0.4	1.0	0.0	1.0	
VMP-11-5	6/25/2013	1620	-0.05	-0.06	0.0	0.0	1.3	19.9	0.5	0.7	0.0	0.7	
VMP-11-8	12/3/2012	1543	-0.05	-0.04	0.0	0.0	2.6	17.4	0.3	2.2	0.0	2.2	Initail sample after Public Works SVE startup.
VMP-11-8	12/4/2012	1351	-0.08	-0.08	0.0	0.0	2.6	18.6	0.4	1.0	0.0	1.0	
VMP-11-8	12/13/2012	1532	-0.11	-0.03	0.0	0.0	1.8	19.0	0.3	0.2	0.0	0.2	
VMP-11-8	12/19/2012	1437	-0.02	-0.07	0.0	0.0	1.8	19.0	0.5	1.4	0.0	1.4	
VMP-11-8	1/16/2013	1519	-0.02	-0.02	0.0	0.0	1.2	19.5	0.6	3.5	0.0	3.5	
VMP-11-8	2/25/2013	914	-0.07	-0.14	0.0	0.0	0.7	20.0	3.6	7.7	0.0	7.7	
VMP-11-8	3/20/2013	1554	-0.08	-0.08	0.0	0.0	0.4	20.6	0.6	2.6	0.0	2.6	
VMP-11-8	4/25/2013	956	-0.01	0.00	0.0	0.0	0.0	20.9	0.3	2.3	0.0	2.3	
VMP-11-8	5/23/2013	817	-0.17	-0.21	0.0	0.0	1.4	19.9	0.4	0.4	0.0	0.4	
VMP-11-8	6/25/2013	1624	-0.09	-0.09	0.0	0.0	2.1	19.3	0.4	0.2	0.0	0.2	
VMP-11-29	12/3/2012	1544	-0.41	-0.35	0.0	0.0	4.8	16.7	0.4	2.9	0.0	2.9	Initail sample after Public Works SVE startup.
VMP-11-29	12/4/2012	1352	-0.54	-0.57	0.0	0.0	5.0	16.7	0.4	0.8	0.0	0.8	
VMP-11-29	12/13/2012	1542	-0.33	-0.29	0.0	0.0	4.7	17.3	0.3	0.4	0.0	0.4	
VMP-11-29	12/19/2012	1441	-0.18	-0.29	0.0	0.0	4.4	17.5	0.4	1.2	0.0	1.2	
VMP-11-29	1/16/2013	1523	-0.10	-0.11	0.0	0.0	3.2	18.6	1.2	9.8	0.0	9.8	
VMP-11-29	2/25/2013	919	-0.38	-0.38	0.0	0.0	2.3	19.2	2.2	5.2	0.0	5.2	
VMP-11-29	3/20/2013	1558	-0.43	-0.40	0.0	0.0	2.0	19.6	0.9	2.2	0.0	2.2	
VMP-11-29	4/25/2013	1001	-0.68	-0.15	0.0	0.0	1.4	19.9	0.3	0.5	0.0	0.5	
VMP-11-29	5/23/2013	808	-0.95	-1.07	0.0	0.0	1.3	19.5	0.5	0.2	0.0	0.2	
VMP-11-29	6/25/2013	1628	-0.57	-0.65	0.0	0.0	1.3	19.8	0.6	0.4	0.0	0.4	
VMP-11-38	12/3/2012	1545	-0.40	-0.36	0.0	0.0	10.6	10.6	0.6	13.8	12.7	1.1	Initail sample after Public Works SVE startup.
VMP-11-38	12/4/2012	1353	-0.52	-0.56	0.0	0.0	9.5	11.9	0.5	7.4	7.3	0.1	
VMP-11-38	12/13/2012	1546	-0.34	-0.28	0.0	0.0	10.2	11.2	0.5	13.6	13.6	0.0	
VMP-11-38	12/19/2012	1445	-0.16	-0.27	0.0	0.0	10.1	11.3	0.5	8.1	8.1	0.0	
VMP-11-38	1/16/2013	1527	-0.10	-0.11	0.0	0.0	8.7	12.9	1.2	12.8	8.5	4.3	
VMP-11-38	2/25/2013	924	-0.38	-0.38	0.0	0.0	7.6	14.1	2.2	11.2	9.4	1.8	
VMP-11-38	3/20/2013	1602	-0.42	-0.38	0.0	0.0	6.4	15.9	1.2	6.1	1.3	4.8	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-11-38	4/25/2013	1006	-0.69	-0.15	0.0	0.0	4.7	17.3	0.6	1.4	0.0	1.4	
VMP-11-38	5/23/2013	808	-0.96	-1.07	0.0	0.0	3.8	17.8	0.4	0.1	0.0	0.1	
VMP-11-38	6/25/2013	1632	-0.55	-0.57	0.0	0.0	3.1	18.8	0.5	0.1	0.0	0.1	
VMP-12-5	2/6/2012	1020	-0.14	-0.07	23.1	OVR	11.9	1.0	35.9	125000	100000	25000	
VMP-12-5	2/7/2012	822	-0.29	-0.21	0.1	3.0	10.8	4.5	21.3	912	880	31.9	
VMP-12-5	2/8/2012	826	-0.28	-0.26	0.0	0.0	5.6	16.6	4.5	9.1	0.0	9.1	
VMP-12-5	2/15/2012	850	-0.12	-0.19	0.0	0.0	3.1	18.0	15.0	101	8.1	92.9	
VMP-12-5	2/22/2012	1025	0.08	0.05	1.8	36.0	4.2	9.4	21.8	15310	12780	2530	
VMP-12-5	2/29/2012	1409	0.07	0.08	OVR	OVR	8.9	1.1	31.1	884000	790000	94000	
VMP-12-5	3/6/2012	925	-0.05	- 0.02	0.2	5.0	8.5	5.0	2.6	1300	1300	0.0	Benzene Reading: 2.8 ppm
VMP-12-5	3/7/2012	850	-0.07	- 0.03	8.9	OVR	9.2	2.8	15.7	49330	35700	13630	Benzene Reading: 0.0 ppm
VMP-12-5	3/21/2012	840	-0.23	- 0.36	0.0	0.0	4.2	12.6	0.4	339	176	163	
VMP-12-5	4/18/2012	1120	-0.35	-0.25	0.0	0.0	2.6	15.3	1.3	4.4	0.0	4.4	
VMP-12-5	5/16/2012	821	-1.28	-1.20	0.0	0.0	2.5	18.5	2.9	3.9	0.0	3.9	
VMP-12-5	6/20/2012	900	-0.28	-0.23	0.0	0.0	0.4	20.5	0.8	0.5	0.0	0.5	
VMP-12-5	7/18/2012	935	-0.20	-0.17	0.0	0.0	0.1	20.8	0.7	3.1	0.0	3.1	
VMP-12-5	8/15/2012	846	-0.30	-0.26	0.0	0.0	0.2	20.8	0.5	4.4	0.0	4.4	
VMP-12-5	9/19/2012	925	-0.65	-0.48	0.0	0.0	0.3	20.2	0.4	1.6	0.0	1.6	
VMP-12-5	10/17/2012	859	-0.54	-0.49	0.0	0.0	0.1	20.8	0.2	1.2	0.0	1.2	
VMP-12-5	11/20/2012	923	-0.79	-0.70	0.0	0.0	0.0	20.9	0.5	2.9	0.0	2.9	
VMP-12-5	12/19/2012	830	-0.46	-0.48	0.0	0.0	0.3	20.1	0.1	0.3	0.0	0.3	
VMP-12-5	1/16/2013	915	-0.37	-0.21	0.0	0.0	0.1	20.6	0.1	0.5	0.0	0.5	
VMP-12-5	2/25/2013	1255	-0.11	0.08	0.0	0.0	0.0	20.9	0.1	0.2	0.0	0.2	
VMP-12-5	3/20/2013	941	-1.21	-1.91	0.0	0.0	0.1	20.0	0.1	0.3	0.0	0.3	
VMP-12-5	4/25/2013	1435	-0.77	-0.74	0.0	0.0	0.2	19.8	0.8	2.5	0.0	2.5	
VMP-12-5	5/22/2013	944	-0.98	-1.02	0.0	0.0	0.3	20.4	0.5	3.0	0.0	3.0	
VMP-12-5	6/25/2013	905	-1.07	-0.92	0.0	0.0	0.8	18.8	0.3	1.2	0.0	1.2	
VMP-12-11.5	2/6/2012	1021	-0.25	-0.17	23.4	OVR	13.7	1.3	28.6	108000	100000	8000	
VMP-12-11.5	2/7/2012	823	-0.67	-0.37	0.1	2.0	7.0	15.2	9.6	1085	744	341	
VMP-12-11.5	2/8/2012	827	-0.56	-0.48	0.0	0.0	3.1	18.3	4.5	831	807	24.5	
VMP-12-11.5	2/15/2012	851	-0.20	-0.17	2.1	43.0	6.3	12.0	9.4	20750	18300	2450	
VMP-12-11.5	2/22/2012	1026	0.13	0.11	OVR	OVR	10.7	3.9	34.5	748000	748000	0.0	
VMP-12-11.5	2/29/2012	1410	0.13	0.09	OVR	OVR	11.2	3.2	32.4	1000000	1000000	0.0	
VMP-12-11.5	3/6/2012	928	-0.13	- 0.09	OVR	OVR	10.9	1.9	30.0	1000000	504000	496000	Benzene Reading: 6.9 ppm
VMP-12-11.5	3/7/2012	851	-0.10	- 0.07	67.2	OVR	9.0	1.9	28.3	185000	73000	112000	Benzene Reading: 5.7 ppm
VMP-12-11.5	3/21/2012	841	-0.50	- 0.05	0.8	16.0	4.4	14.7	0.5	8400	8400	0.0	
VMP-12-11.5	4/18/2012	1121	-0.43	-0.36	1.6	33.0	7.8	8.4	4.4	18000	16100	1900	
VMP-12-11.5	5/16/2012	821	-0.72	-0.69	0.0	0.0	1.7	19.0	3.9	36.4	12.2	24.2	
VMP-12-11.5	6/20/2012	904	-0.65	-0.54	0.0	0.0	0.4	20.4	0.4	0.0	0.0	0.0	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-12-11.5	7/18/2012	939	-0.52	-0.46	0.0	0.0	0.1	20.8	0.8	3.2	0.0	3.2	
VMP-12-11.5	8/15/2012	850	-0.57	-0.48	0.0	0.0	0.2	20.8	0.6	3.6	0.0	3.6	
VMP-12-11.5	9/19/2012	925	-0.98	-0.80	0.0	0.0	0.1	20.7	0.9	3.3	0.0	3.3	
VMP-12-11.5	10/17/2012	900	-0.90	-0.74	0.0	0.0	0.1	20.9	0.3	2.3	0.0	2.3	
VMP-12-11.5	11/20/2012	924	-1.30	-1.16	0.0	0.0	0.0	20.9	0.6	2.4	0.0	2.4	
VMP-12-11.5	12/19/2012	834	-0.55	-0.61	0.0	0.0	0.3	20.6	0.1	0.6	0.0	0.6	
VMP-12-11.5	1/16/2013	920	-0.48	-0.28	0.0	0.0	0.2	20.7	0.1	1.6	0.0	1.6	
VMP-12-11.5	2/25/2013	1259	-0.93	0.05	0.0	0.0	2.9	13.8	0.2	0.8	0.0	0.8	
VMP-12-11.5	3/20/2013	947	-1.22	-1.15	0.0	0.0	1.3	18.3	0.3	2.8	0.0	2.8	
VMP-12-11.5	4/25/2013	1441	-0.75	-0.76	0.0	0.0	5.2	9.9	1.0	33.8	21.5	12.3	
VMP-12-11.5	5/22/2013	945	-1.02	-1.07	0.0	0.0	0.8	19.7	0.5	0.5	0.0	0.5	
VMP-12-11.5	6/25/2013	909	-1.15	-1.03	0.0	0.0	1.1	19.2	0.3	1.1	0.0	1.1	
VMP-12-25	2/6/2012	1022	-0.43	-0.21	OVR	OVR	12.8	0.9	76.3	1000000	453000	547000	
VMP-12-25	2/7/2012	824	-0.85	-0.43	OVR	OVR	12.1	2.0	69.6	821000	525000	296000	
VMP-12-25	2/8/2012	828	-0.59	-0.50	OVR	OVR	12.1	1.5	67.1	684000	598000	86000	
VMP-12-25	2/15/2012	852	-0.19	-0.37	OVR	OVR	12.2	1.5	50.0	850000	850000	0.0	
VMP-12-25	2/22/2012	1027	0.18	0.16	OVR	OVR	12.0	1.3	50.3	1000000	1000000	0.0	
VMP-12-25	2/29/2012	1411	-0.44	-0.34	OVR	OVR	12.4	1.5	50.3	1000000	950000	50000	
VMP-12-25	3/6/2012	931	-0.55	- 0.34	OVR	OVR	11.5	1.3	51.6	1000000	1000000	0.0	Benzene Reading: 23.0 ppm
VMP-12-25	3/7/2012	852	-0.30	- 0.17	OVR	OVR	12.1	1.7	43.7	957000	666000	291000	Benzene Reading: 19.4 ppm
VMP-12-25	3/21/2012	842	-0.60	- 0.62	OVR	OVR	11.5	0.5	37.8	1000000	1000000	0.0	
VMP-12-25	4/18/2012	1122	-0.54	-0.46	OVR	OVR	9.5	1.0	45.0	624000	444000	180000	
VMP-12-25	5/16/2012	822	-0.86	-0.83	OVR	OVR	9.1	2.1	46.1	271000	222000	49000	
VMP-12-25	6/20/2012	908	-0.88	-0.73	48.3	OVR	9.4	1.4	62.0	108000	83000	25000	
VMP-12-25	7/18/2012	949	-0.80	-0.68	30.4	OVR	10.1	1.8	74.5	58500	46700	11800	
VMP-12-25	8/15/2012	855	-0.93	-0.77	12.7	OVR	13.7	0.7	84.0	20800	20200	600	
VMP-12-25	9/19/2012	925	-1.51	-1.30	0.9	18.0	12.4	3.8	29.2	8000	6100	1900	
VMP-12-25	10/17/2012	901	-1.29	-1.17	11.5	OVR	13.5	0.7	98.5	24100	18400	5700	
VMP-12-25	11/20/2012	929	-1.96	-1.84	0.1	2.0	6.0	11.1	24.9	324	83.0	241	
VMP-12-25	12/19/2012	838	-0.67	-0.77	23.2	OVR	13.1	1.1	46.9	106000	91000	15000	
VMP-12-25	1/16/2013	925	-0.61	-0.36	27.0	OVR	12.7	1.3	46.5	116000	93000	23000	
VMP-12-25	2/25/2013	1304	-0.20	-0.80	57.2	OVR	13.0	1.0	29.2	171000	134000	37000	
VMP-12-25	3/20/2013	1000	-0.67	-1.30	34.2	OVR	11.8	1.2	17.4	257000	234000	23000	
VMP-12-25	4/25/2013	1446	-0.70	-0.85	67.7	OVR	11.9	1.2	44.2	243000	213000	30000	
VMP-12-25	5/22/2013	946	-1.17	-1.23	76.3	OVR	12.0	1.0	30.0	540000	500000	40000	
VMP-12-25	6/25/2013	913	-1.33	-1.21	85.0	OVR	12.7	1.4	38.2	433000	347000	86000	
VMP-12-39	2/6/2012	1023	-0.07	0.07	OVR	OVR	12.9	1.0	69.8	1000000	772000	228000	
VMP-12-39	2/7/2012	825	-0.48	-0.40	OVR	OVR	12.3	2.0	57.1	881000	867000	14000	
VMP-12-39	2/8/2012	829	-0.60	-0.51	OVR	OVR	12.2	2.0	60.1	802000	494000	308000	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-12-39	2/15/2012	853	-0.19	-0.39	OVR	OVR	12.5	1.0	45.7	1000000	1000000	0.0	
VMP-12-39	2/22/2012	1028	0.17	0.20	OVR	OVR	12.3	1.2	40.9	1000000	1000000	0.0	
VMP-12-39	2/29/2012	1412	-0.06	0.09	OVR	OVR	11.8	2.5	47.3	1000000	1000000	0.0	
VMP-12-39	3/6/2012	935	-0.03	- 0.03	OVR	OVR	11.8	1.3	57.5	1000000	520000	480000	Benzene Reading: 27.5 ppm
VMP-12-39	3/7/2012	853	-0.10	- 0.03	OVR	OVR	11.8	1.6	49.9	1000000	944000	56000	Benzene Reading: 21.3 ppm
VMP-12-39	3/21/2012	843	-0.63	- 0.66	OVR	OVR	12.3	0.7	42.4	1000000	1000000	0.0	
VMP-12-39	4/18/2012	1123	-0.58	-0.51	OVR	OVR	11.4	1.0	53.3	1000000	800000	200000	
VMP-12-39	5/16/2012	822	-0.93	-0.89	OVR	OVR	10.9	1.5	100	480000	430000	50000	
VMP-12-39	6/20/2012	912	-0.92	-0.79	OVR	OVR	10.1	1.9	117	321000	285000	36000	
VMP-12-39	7/18/2012	944	-0.85	-0.72	OVR	OVR	10.8	1.7	68.0	224000	180000	44000	
VMP-12-39	8/15/2012	900	-0.93	-0.83	OVR	OVR	12.8	0.6	156	142000	122000	20000	
VMP-12-39	9/19/2012	925	-1.57	-1.36	OVR	OVR	13.6	1.5	202	201000	176000	25000	
VMP-12-39	10/17/2012	902	-1.37	-1.24	OVR	OVR	14.0	1.1	151	136000	118000	18000	
VMP-12-39	11/20/2012	930	-2.07	-1.99	69.3	OVR	13.7	0.8	189	146000	117000	29000	
VMP-12-39	12/19/2012	842	-0.71	-0.81	85.0	OVR	14.5	0.8	135	260000	200000	60000	
VMP-12-39	1/16/2013	930	-0.65	-0.05	OVR	OVR	13.9	1.5	100	370000	280000	90000	
VMP-12-39	2/25/2013	1309	-0.23	-0.40	OVR	OVR	14.6	1.5	70.3	560000	233000	327000	
VMP-12-39	3/20/2013	1022	-1.33	-1.20	84.5	OVR	14.0	1.3	26.3	805000	614000	191000	
VMP-12-39	4/25/2013	1451	-0.49	-1.37	OVR	OVR	14.2	0.7	70.6	1000000	1000000	0.0	
VMP-12-39	5/22/2013	947	-2.27	-1.27	OVR	OVR	12.8	3.6	58.0	770000	700000	70000	
VMP-12-39	6/25/2013	917	-1.36	-1.25	OVR	OVR	13.8	2.4	63.9	1000000	1000000	0.0	
VMP-13-5	12/5/2012	1506	-0.10	-0.10	0.0	0.0	0.6	20.4	0.3	1.3	0.0	1.3	Initail sample after Public Works SVE startup.
VMP-13-5	12/6/2012	1413	-0.04	-0.09	0.0	0.0	0.6	20.6	0.1	0.7	0.0	0.7	
VMP-13-5	12/13/2012	1050	-0.06	-0.06	0.0	0.0	0.5	20.7	0.2	0.2	0.0	0.2	
VMP-13-5	12/19/2012	1320	-0.03	-0.06	0.0	0.0	0.3	20.7	0.3	0.6	0.0	0.6	
VMP-13-5	1/16/2013	1433	-0.06	-0.02	0.0	0.0	0.2	20.8	0.2	1.6	0.0	1.6	
VMP-13-5	2/25/2013	940	-0.09	-0.09	0.0	0.0	0.1	20.8	0.3	1.0	0.0	1.0	
VMP-13-5	3/20/2013	1450	-0.10	-0.10	0.0	0.0	0.2	20.8	0.6	2.2	0.0	2.2	
VMP-13-5	4/25/2013	912	-0.20	-0.02	0.0	0.0	0.3	20.6	0.2	0.8	0.0	0.8	
VMP-13-5	5/22/2013	1410	-0.21	-0.24	0.0	0.0	0.6	20.2	0.5	1.0	0.0	1.0	
VMP-13-5	6/25/2013	1420	-0.17	-0.18	0.0	0.0	1.1	20.0	0.5	0.5	0.0	0.5	
VMP-13-10.5	12/5/2012	1507	-0.21	-0.21	0.0	0.0	1.4	19.7	0.4	0.8	0.0	0.8	Initail sample after Public Works SVE startup.
VMP-13-10.5	12/6/2012	1413	-0.14	-0.23	0.0	0.0	1.4	19.7	0.3	2.1	0.0	2.1	
VMP-13-10.5	12/13/2012	1052	-0.15	-0.13	0.0	0.0	1.0	20.4	0.1	0.9	0.0	0.9	
VMP-13-10.5	12/19/2012	1325	-0.11	-0.17	0.0	0.0	0.8	20.5	0.5	0.4	0.0	0.4	
VMP-13-10.5	1/16/2013	1437	-0.16	-0.06	0.0	0.0	0.4	20.6	0.2	1.0	0.0	1.0	
VMP-13-10.5	2/25/2013	945	-0.20	-0.22	0.0	0.0	0.2	20.7	0.3	1.1	0.0	1.1	
VMP-13-10.5	3/20/2013	1454	-0.21	-0.23	0.0	0.0	0.3	20.7	0.4	1.5	0.0	1.5	
VMP-13-10.5	4/25/2013	917	-0.42	-0.07	0.0	0.0	0.3	20.7	0.3	0.9	0.0	0.9	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-13-10.5	5/22/2013	1411	-0.44	-0.48	0.0	0.0	0.5	20.1	0.5	0.7	0.0	0.7	
VMP-13-10.5	6/25/2013	1424	-0.34	-0.36	0.0	0.0	1.0	20.0	0.5	0.4	0.0	0.4	
VMP-13-21.5	12/5/2012	1516	-0.52	-0.46	0.0	0.0	12.0	6.0	0.7	2.6	0.0	2.6	Initail sample after Public Works SVE startup.
VMP-13-21.5	12/6/2012	1414	-0.40	-0.54	0.0	0.0	9.1	11.5	0.7	0.5	0.0	0.5	
VMP-13-21.5	12/13/2012	1054	-0.42	-0.37	0.0	0.0	4.3	18.0	0.3	0.3	0.0	0.3	
VMP-13-21.5	12/19/2012	1330	-0.35	-0.44	0.0	0.0	3.0	19.4	0.5	0.2	0.0	0.2	
VMP-13-21.5	1/16/2013	1441	-0.43	-0.14	0.0	0.0	1.7	20.0	0.2	0.9	0.0	0.9	
VMP-13-21.5	2/25/2013	950	-0.50	-0.49	0.0	0.0	0.9	20.4	0.3	1.3	0.0	1.3	
VMP-13-21.5	3/20/2013	1458	-0.51	-0.55	0.0	0.0	0.6	20.6	0.6	1.6	0.0	1.6	
VMP-13-21.5	4/25/2013	922	-0.87	-0.18	0.0	0.0	0.4	20.5	0.4	0.6	0.0	0.6	
VMP-13-21.5	5/22/2013	1412	-1.06	-1.08	0.0	0.0	0.0	20.9	0.5	3.1	0.0	3.1	
VMP-13-21.5	6/25/2013	1428	-0.94	-0.95	0.0	0.0	0.6	20.3	0.6	0.3	0.0	0.3	
VMP-13-29.5	12/5/2012	1520	-0.41	-0.40	0.0	0.0	15.6	0.9	355	965	525	440	Initail sample after Public Works SVE startup.
VMP-13-29.5	12/6/2012	1415	-0.32	-0.44	0.0	0.0	16.5	1.3	286	417	210	207	
VMP-13-29.5	12/13/2012	1056	-0.30	-0.27	0.0	1.0	13.8	0.7	135	258	110	148	
VMP-13-29.5	12/19/2012	1335	-0.24	-0.34	0.0	0.0	10.9	9.1	1.4	89.9	61.0	28.9	
VMP-13-29.5	1/16/2013	1445	-0.35	-0.12	0.0	0.0	5.9	15.1	69.3	145	60.3	84.7	
VMP-13-29.5	2/25/2013	955	-0.40	-0.43	0.0	0.0	4.0	16.7	265	460	28.1	432	
VMP-13-29.5	3/20/2013	1502	-0.41	-0.42	0.0	0.0	3.5	17.6	190	247	24.1	223	
VMP-13-29.5	4/25/2013	927	-0.77	-0.15	0.0	0.0	2.3	18.7	75.4	107	3.2	103.8	
VMP-13-29.5	5/22/2013	1413	-0.90	-0.92	0.0	0.0	2.1	19.1	1.6	4.6	0.0	4.6	
VMP-13-29.5	6/25/2013	1432	-0.83	-0.84	0.0	0.0	1.1	20.2	0.5	0.1	0.0	0.1	
VMP-14-5	12/11/2012	1504	-0.03	-0.03	0.0	0.0	0.2	20.8	0.3	0.4	0.0	0.4	Initail sample after Public Works SVE startup.
VMP-14-5	12/12/2012	1611	-0.01	0.00	0.0	0.0	0.2	20.8	0.2	0.3	0.0	0.3	
VMP-14-5	12/13/2012	1009	0.00	0.00	0.0	0.0	0.0	20.9	0.1	0.6	0.0	0.6	
VMP-14-5	12/19/2012	1352	-0.01	-0.41	0.0	0.0	0.1	20.6	0.2	0.2	0.0	0.2	
VMP-14-5	1/16/2013	1449	0.00	-0.01	0.0	0.0	0.1	20.8	0.3	1.3	0.0	1.3	
VMP-14-5	2/25/2013	1015	-0.04	0.00	0.0	0.0	0.0	20.9	0.3	0.8	0.0	0.8	
VMP-14-5	3/20/2013	1515	-0.03	-0.04	0.0	0.0	0.0	20.9	0.4	2.3	0.0	2.3	
VMP-14-5	4/25/2013	1120	-0.57	-0.03	0.0	0.0	0.3	20.7	0.5	0.9	0.0	0.9	
VMP-14-5	5/22/2013	1344	-0.11	-0.06	0.0	0.0	0.4	20.4	1.1	3.4	0.0	3.4	
VMP-14-5	6/25/2013	1436	-0.03	-0.06	0.0	0.0	0.5	20.6	0.6	1.1	0.0	1.1	
VMP-14-11.5	12/11/2012	1505	-0.05	-0.04	0.0	0.0	2.0	19.7	0.4	0.6	0.0	0.6	Initail sample after Public Works SVE startup.
VMP-14-11.5	12/12/2012	1614	-0.08	-0.06	0.0	0.0	1.7	19.8	3.2	7.9	0.0	7.9	
VMP-14-11.5	12/13/2012	1009	-0.05	-0.03	0.0	0.0	1.4	20.2	8.9	19.0	0.0	19.0	
VMP-14-11.5	12/19/2012	1356	-0.04	-0.25	0.0	0.0	1.6	19.6	0.9	1.9	0.0	1.9	
VMP-14-11.5	1/16/2013	1453	-0.10	-0.03	0.0	0.0	1.0	19.5	0.3	0.8	0.0	0.8	
VMP-14-11.5	2/25/2013	1020	-0.05	0.00	0.0	0.0	0.6	20.4	3.2	7.0	0.0	7.0	
VMP-14-11.5	3/20/2013	1519	-0.04	-0.05	0.0	0.0	0.4	20.5	0.2	1.7	0.0	1.7	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-14-11.5	4/25/2013	1125	-0.04	-0.15	0.0	0.0	0.4	19.9	0.6	1.1	0.0	1.1	
VMP-14-11.5	5/22/2013	1345	-0.21	-0.16	0.0	0.0	0.4	20.2	0.6	1.1	0.0	1.1	
VMP-14-11.5	6/25/2013	1440	-0.09	-0.12	0.0	0.0	1.4	19.9	0.6	0.3	0.0	0.3	
VMP-14-20	12/11/2012	1506	-0.11	-0.09	56.3	OVR	16.4	1.7	1320	77900	42800	35100	Initail sample after Public Works SVE startup.
VMP-14-20	12/12/2012	1614	-0.10	-0.11	46.5	OVR	14.6	4.1	1210	57000	34400	22600	
VMP-14-20	12/13/2012	1010	-0.02	-0.04	53.1	OVR	16.4	2.4	1030	72900	39900	33000	
VMP-14-20	12/19/2012	1400	-0.16	-0.03	42.5	OVR	14.4	2.4	1350	63500	39200	24300	
VMP-14-20	1/16/2013	1457	-0.68	-0.07	43.5	OVR	13.7	2.9	1150	62900	33800	29100	Manometer reading rechecked and verified.
VMP-14-20	2/25/2013	1025	-0.12	-0.01	19.0	OVR	10.9	5.8	1090	29100	22000	7100	
VMP-14-20	3/20/2013	1523	-0.04	-0.09	14.5	OVR	9.5	6.9	960	26900	19500	7400	
VMP-14-20	4/25/2013	1130	-0.06	-0.22	4.0	80.0	5.9	12.1	463	14600	12300	2300	
VMP-14-20	5/22/2013	1346	-0.38	-0.31	4.1	82.0	3.6	15.5	23.0	45000	42000	3000	
VMP-14-20	6/25/2013	1444	-0.17	-0.22	2.6	53.0	6.6	10.8	127	9940	9450	490	
VMP-14-29	12/11/2012	1507	-0.11	-0.09	81.1	OVR	17.2	0.7	1720	106000	51900	54100	Initail sample after Public Works SVE startup.
VMP-14-29	12/12/2012	1614	-0.10	-0.10	79.0	OVR	17.5	0.5	1710	102000	52700	49300	
VMP-14-29	12/13/2012	1010	-0.11	-0.05	81.3	OVR	17.8	0.7	1370	110000	57800	52200	
VMP-14-29	12/19/2012	1404	0.06	-0.04	76.1	OVR	16.5	1.3	1570	100000	62900	37100	
VMP-14-29	1/16/2013	1501	-0.04	-0.05	83.0	OVR	15.7	1.0	1390	107000	52000	55000	
VMP-14-29	2/25/2013	1030	-0.12	-0.01	67.5	OVR	11.6	4.4	1705	69800	33300	36500	
VMP-14-29	3/20/2013	1527	-0.08	-0.11	85.3	OVR	13.6	0.9	1475	101000	58700	42300	
VMP-14-29	4/25/2013	1135	-0.07	-0.23	OVR	OVR	12.3	0.9	1260	145000	68000	77000	
VMP-14-29	5/22/2013	1347	-0.42	-0.35	OVR	OVR	11.6	1.7	438	533000	370000	163000	
VMP-14-29	6/25/2013	1448	-0.21	-0.22	OVR	OVR	11.2	2.3	689	80530	39110	41420	
VMP-17-5	3/6/2012	1333	-0.05	- 0.02	0.0	0.0	1.1	20.4	0.2	1.1	0.0	1.1	Benzene Reading: 0.0 ppm
VMP-17-5	3/7/2012	1003	0.00	0.03	0.0	0.0	1.2	20.6	0.4	0.0	0.0	0.0	Benzene Reading: 0.0 ppm
VMP-17-5	3/21/2012	1310	0.00	0.00	0.0	0.0	1.2	19.7	1.1	0.0	0.0	0.0	
VMP-17-5	4/18/2012	1131	0.00	0.00	0.0	0.0	1.0	20.5	0.7	4.9	0.0	4.9	
VMP-17-5	5/16/2012	1326	-0.02	-0.01	0.0	0.0	1.2	19.8	0.6	0.0	0.0	0.0	
VMP-17-5	6/20/2012	813	0.00	0.00	0.0	0.0	0.9	20.1	0.1	0.0	0.0	0.0	
VMP-17-5	7/18/2012	837	-0.01	-0.01	0.0	0.0	0.6	20.5	0.4	0.6	0.0	0.6	
VMP-17-5	8/15/2012	820	-0.01	0.00	0.0	0.0	0.5	20.6	0.5	2.4	0.0	2.4	
VMP-17-5	9/19/2012	1117	0.00	0.00	0.0	0.0	0.4	20.5	0.5	1.5	0.0	1.5	
VMP-17-5	10/17/2012	1345	0.00	0.00	0.0	0.0	0.4	20.5	0.4	1.2	0.0	1.2	
VMP-17-5	11/20/2012	1145	-0.04	-0.03	0.0	0.0	0.2	20.8	0.2	1.4	0.0	1.4	
VMP-17-5	12/3/2012	1330	0.00	0.00	0.0	0.0	0.4	20.5	0.2	4.0	0.0	4.0	
VMP-17-5	12/4/2012	1341	-0.09	-0.02	0.0	0.0	0.3	20.7	0.3	1.3	0.0	1.3	
VMP-17-5	12/19/2012	1442	-0.01	-0.02	0.0	0.0	0.3	20.8	0.3	0.8	0.0	0.8	
VMP-17-5	1/16/2013	1154	-0.01	-0.01	0.0	0.0	0.1	20.8	0.1	1.1	0.0	1.1	
VMP-17-5	2/25/2013	1405	0.00	0.00	0.0	0.0	0.0	20.9	0.2	0.7	0.0	0.7	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-17-5	3/20/2013	1607	-0.11	-0.01	0.0	0.0	0.0	20.9	0.1	3.1	0.0	3.1	
VMP-17-5	4/24/2013	841	0.00	0.00	0.0	0.0	0.4	20.6	0.1	0.6	0.0	0.6	
VMP-17-5	5/22/2013	1340	-0.02	0.00	0.0	0.0	0.6	20.3	0.1	0.3	0.0	0.3	
VMP-17-5	6/25/2013	1604	0.00	0.00	0.0	0.0	1.0	20.2	0.3	0.2	0.0	0.2	
VMP-18-8.5	12/3/2012	1623	-0.05	-0.14	0.0	0.0	2.0	19.6	0.2	3.8	0.0	3.8	Initail sample after Public Works SVE startup.
VMP-18-8.5	12/4/2012	1445	-0.26	-0.05	0.0	0.0	1.9	19.9	0.3	1.8	0.0	1.8	
VMP-18-8.5	12/19/2012	1431	-0.13	-0.02	0.0	0.0	2.1	19.9	0.3	0.2	0.0	0.2	
VMP-18-8.5	1/16/2013	1202	-0.08	-0.01	0.0	0.0	0.8	20.4	0.2	1.0	0.0	1.0	
VMP-18-8.5	2/25/2013	857	-0.13	-0.15	0.0	0.0	0.5	20.5	0.3	1.5	0.0	1.5	
VMP-18-8.5	3/20/2013	1354	-0.15	-0.09	0.0	0.0	0.4	20.7	0.4	2.8	0.0	2.8	
VMP-18-8.5	4/24/2013	917	-0.26	-0.10	0.0	0.0	0.9	19.8	0.1	1.8	0.0	1.8	
VMP-18-8.5	5/22/2013	1400	-0.10	-0.06	0.0	0.0	1.3	19.3	0.1	0.4	0.0	0.4	
VMP-18-8.5	6/25/2013	1556	-0.04	0.00	0.0	0.0	1.7	19.2	0.2	0.3	0.0	0.3	
VMP-19-5	3/6/2012	1315	-0.04	- 0.02	0.0	0.0	2.4	19.7	0.3	2.2	0.0	2.2	Benzene Reading: 0.0 ppm
VMP-19-5	3/7/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Car parked over well. Could not sample.
VMP-19-5	3/21/2012	1315	0.00	0.00	0.0	0.0	1.8	19.8	1.0	0.0	0.0	0.0	
VMP-19-5	4/18/2012	1138	-0.03	-0.01	0.0	0.0	1.3	19.9	0.8	2.6	0.0	2.6	
VMP-19-5	5/16/2012	1443	0.00	-0.01	0.0	0.0	1.1	19.8	0.7	0.0	0.0	0.0	
VMP-19-5	6/20/2012	840	-0.03	-0.01	0.0	0.0	1.4	19.7	0.2	0.0	0.0	0.0	
VMP-19-5	7/18/2012	1259	0.00	-0.01	0.0	0.0	0.9	20.1	0.9	3.8	0.0	3.8	
VMP-19-5	8/15/2012	1030	-0.05	-0.02	0.0	0.0	0.5	20.6	0.3	3.4	0.0	3.4	
VMP-19-5	9/19/2012	1405	0.00	0.00	0.0	0.0	0.6	20.2	0.5	2.3	0.0	2.3	
VMP-19-5	10/17/2012	1039	-0.05	0.00	0.0	0.0	0.5	20.5	0.2	1.8	0.0	1.8	
VMP-19-5	11/20/2012	1133	-0.07	-0.07	0.0	0.0	0.2	20.8	0.4	1.3	0.0	1.3	
VMP-19-5	12/3/2012	1614	-0.02	-0.03	0.0	0.0	0.2	20.6	0.3	4.4	0.0	4.4	
VMP-19-5	12/4/2012	1458	-0.04	-0.06	0.0	0.0	0.2	20.7	0.2	3.2	0.0	3.2	
VMP-19-5	12/19/2012	1422	-0.04	-0.04	0.0	0.0	0.2	20.8	0.3	0.5	0.0	0.5	
VMP-19-5	1/16/2013	1145	-0.02	-0.04	0.0	0.0	0.2	20.8	0.1	3.4	0.0	3.4	
VMP-19-5	2/25/2013	849	-0.02	-0.01	0.0	0.0	0.1	20.8	0.4	2.1	0.0	2.1	
VMP-19-5	3/20/2013	1404	-0.05	0.00	0.0	0.0	0.2	20.8	0.5	3.4	0.0	3.4	
VMP-19-5	4/24/2013	906	-0.13	-0.27	0.0	0.0	0.3	20.6	0.1	0.2	0.0	0.2	
VMP-19-5	5/22/2013	1350	-0.11	-0.08	0.0	0.0	0.6	20.2	0.2	0.4	0.0	0.4	
VMP-19-5	6/25/2013	1600	-0.03	0.00	0.0	0.0	0.8	20.3	0.4	0.6	0.0	0.6	
VMP-26-10	2/2/2012	1106	-1.36	-1.20	OVR	OVR	8.2	1.5	414	51800	26500	25300	
VMP-26-10	2/7/2012	940	-1.21	-1.01	0.2	5.0	0.3	20.4	33.3	1636	1351	285	
VMP-26-10	2/10/2012	1136	-0.74	-0.98	0.0	0.0	0.1	20.6	13.0	52.9	10.7	42.2	
VMP-26-10	2/13/2012	959	-1.03	-0.80	35.1	OVR	7.1	4.2	687	9420	2060	7360	
VMP-26-10	2/15/2012	1324	-1.22	-0.97	53.5	OVR	6.4	6.4	765	11490	1170	10320	
VMP-26-10	2/22/2012	1103	-0.77	-0.71	0.0	0.0	0.2	20.7	23.6	33.3	12.1	21.2	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-26-10	2/29/2012	1003	-0.72	-0.72	0.9	18.0	0.9	19.0	229	1340	203	1137	
VMP-26-10	3/21/2012	1005	-0.82	-0.70	0.3	6.0	0.4	20.2	92.6	376	43.5	333	
VMP-26-10	4/18/2012	942	-1.26	-1.10	0.3	6.0	0.5	20.1	85.6	415	15.2	400	
VMP-26-10	5/16/2012	1004	-1.30	-1.35	0.1	3.0	0.4	20.3	51.6	305	11.0	294	
VMP-26-10	6/20/2012	1024	-1.19	-1.22	0.1	2.0	0.1	20.7	26.4	121	0.0	121	
VMP-26-10	7/18/2012	1038	-1.13	-1.03	0.0	0.0	0.0	20.8	17.5	52.4	0.0	52.4	
VMP-26-10	8/15/2012	1018	-1.20	-1.20	0.0	1.0	0.4	20.6	80.0	232	34.9	197	
VMP-26-10	9/19/2012	1108	-1.75	-1.65	0.1	3.0	0.5	20.3	104	316	41.3	275	
VMP-26-10	10/17/2012	1012	-2.01	-2.04	0.1	3.0	1.8	18.9	103	259	36.0	223	
VMP-26-10	11/20/2012	1008	-1.78	-1.55	0.0	0.0	0.1	20.8	9.6	21.4	5.1	16.3	
VMP-26-10	12/19/2012	1128	-0.90	-0.91	0.0	0.0	0.1	20.9	0.5	3.1	0.0	3.1	
VMP-26-10	1/16/2013	1009	-1.04	-0.81	0.0	0.0	2.7	17.1	7.3	34.9	2.5	32.4	
VMP-26-10	2/25/2013	1044	-1.15	-1.07	0.0	0.0	0.0	20.9	0.8	6.3	0.0	6.3	Tedlar results are suspect.
VMP-26-10	2/26/2013	1026	-1.23	-1.30	0.0	0.0	1.2	19.2	18.4	59.6	3.6	56.0	Resample.
VMP-26-10	3/20/2013	1025	-2.48	-0.58	0.0	0.0	1.1	19.8	12.0	25.6	7.5	18.1	
VMP-26-10	4/24/2013	1042	-2.59	-2.59	0.0	0.0	1.3	19.2	21.5	35.7	14.9	20.8	
VMP-26-10	5/22/2013	1100	-2.39	-2.35	0.0	0.0	0.1	20.9	0.7	3.3	0.0	3.3	
VMP-26-10	6/25/2013	1053	-2.26	-2.14	0.0	0.0	2.5	17.9	8.5	38.7	6.0	32.7	
VMP-26-20	2/1/2012	1616	-0.86	-0.80	21.6	OVR	0.9	19.2	200	41200	27000	14200	
VMP-26-20	2/2/2012	1110	-1.21	-1.02	OVR	OVR	7.9	3.9	69.8	858000	425000	433000	
VMP-26-20	2/7/2012	940	-1.11	-0.90	0.0	0.0	0.2	20.9	36.7	221	97.9	123	
VMP-26-20	2/10/2012	1137	-0.69	-0.94	0.0	0.0	0.1	20.6	5.5	13.1	0.0	13.1	
VMP-26-20	2/13/2012	1000	-1.12	-0.85	0.4	9.0	0.1	20.9	23.6	3220	2812	408	
VMP-26-20	2/15/2012	1325	-1.37	-1.09	OVR	OVR	6.5	2.9	74.9	1000000	989000	11000	
VMP-26-20	2/22/2012	1104	-0.87	-0.79	0.0	0.0	0.3	20.8	14.3	51.3	3.3	48.0	
VMP-26-20	2/29/2012	1004	-0.88	-0.90	0.2	5.0	0.1	20.9	90.8	609	4.0	605	
VMP-26-20	3/21/2012	1006	-1.00	-0.82	0.0	0.0	0.1	20.9	34.3	177	3.4	174	
VMP-26-20	4/18/2012	942	-1.49	-1.31	0.0	0.0	0.0	20.9	6.0	41.0	3.0	38.0	
VMP-26-20	5/16/2012	1005	-1.73	-1.27	0.0	0.0	0.0	20.9	1.0	3.6	0.0	3.6	
VMP-26-20	6/20/2012	1025	-0.02	-1.54	0.0	0.0	0.1	20.9	18.1	101	0.0	101	
VMP-26-20	7/18/2012	1039	-1.57	-1.42	0.0	0.0	0.0	20.9	6.1	22.8	3.5	19.3	
VMP-26-20	8/15/2012	1019	-1.69	-1.65	0.0	0.0	0.0	20.9	3.8	18.8	7.4	11.4	
VMP-26-20	9/19/2012	1110	-2.45	-2.45	0.2	4.0	0.4	20.3	44.4	423	143	280	
VMP-26-20	10/17/2012	1013	-2.54	-2.56	30.9	OVR	9.0	7.3	327	11730	7300	4430	
VMP-26-20	11/20/2012	1012	-2.30	-2.02	0.1	2.0	0.4	20.6	39.2	193	68.1	125	
VMP-26-20	12/19/2012	1129	-1.22	-1.18	0.0	0.0	0.0	20.9	1.4	22.2	14.3	7.9	
VMP-26-20	1/16/2013	1014	-1.28	-0.97	14.0	OVR	12.7	1.6	445	7500	2100	5400	
VMP-26-20	2/25/2013	1048	-1.40	-1.28	0.0	0.0	0.0	20.9	0.9	14.3	7.3	7.0	Tedlar results are suspect.
VMP-26-20	2/26/2013	1030	-1.34	-1.44	3.9	79.0	12.1	3.1	205	4100	65.2	4035	Resample.

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-26-20	3/20/2013	1029	-3.00	-0.70	0.1	2.0	5.4	12.7	15.5	131	100	31.0	
VMP-26-20	4/24/2013	1052	-3.05	-3.03	25.7	OVR	11.5	1.8	370	10700	6200	4500	
VMP-26-20	5/22/2013	1101	-2.99	-2.92	0.6	12	1.9	17.1	40.0	2100	200	1900	
VMP-26-20	6/25/2013	1100	-2.93	-2.74	35.7	OVR	11.4	2.8	368	8590	4100	4490	
VMP-26-30	2/1/2012	1617	-0.74	-0.66	OVR	OVR	2.2	14.8	100	235000	127000	108000	
VMP-26-30	2/2/2012	1113	-1.09	-0.89	OVR	OVR	7.2	1.1	53.8	1000000	1000000	0.0	
VMP-26-30	2/7/2012	941	-0.97	-0.76	OVR	OVR	1.1	18.0	87.3	91500	67700	23800	
VMP-26-30	2/10/2012	1138	-0.54	-0.68	0.0	0.0	0.1	20.9	18.0	57.7	7.7	50.0	
VMP-26-30	2/13/2012	1001	-0.99	-0.68	0.7	15.0	0.1	20.9	135	1180	127	1054	
VMP-26-30	2/15/2012	1326	-1.25	-0.94	OVR	OVR	4.2	10.3	81.8	714000	389000	325000	
VMP-26-30	2/22/2012	1105	-0.72	-0.67	0.0	0.0	0.3	20.8	17.7	67.7	0.0	67.7	
VMP-26-30	2/29/2012	1005	-0.85	-0.82	0.4	9.0	0.1	20.9	120	1033	64.3	969	
VMP-26-30	3/21/2012	1006	-0.95	-0.78	0.4	8.0	0.1	20.9	75.3	521	72.6	448	
VMP-26-30	4/18/2012	943	-1.40	-1.21	0.0	1.0	0.1	20.9	8.8	126	54.0	72.0	
VMP-26-30	5/16/2012	1006	-1.63	-1.65	0.0	0.0	0.0	20.9	18.1	100	46.0	54.0	
VMP-26-30	6/20/2012	1026	-1.35	-1.36	0.0	0.0	0.0	20.9	2.0	2.2	0.0	2.2	
VMP-26-30	7/18/2012	1040	-1.44	-1.29	0.0	0.0	0.0	20.9	13.8	54.1	12.3	41.8	
VMP-26-30	8/15/2012	1010	-1.54	-1.49	0.0	0.0	0.0	20.9	7.2	38.5	12.6	25.9	
VMP-26-30	9/19/2012	1112	-2.20	-2.13	0.0	0.0	0.0	20.9	13.3	45.6	12.8	32.8	
VMP-26-30	10/17/2012	1014	-2.20	-2.18	OVR	OVR	3.2	15.7	306	36700	13100	23600	
VMP-26-30	11/20/2012	1016	-2.04	-1.74	0.0	0.0	0.0	20.9	5.6	26.1	4.5	21.6	
VMP-26-30	12/19/2012	1130	-1.08	-1.03	0.0	0.0	0.0	20.9	5.3	26.9	0.0	26.9	
VMP-26-30	1/16/2013	1019	-1.18	-0.86	OVR	OVR	10.4	3.6	400	56700	19300	37400	
VMP-26-30	2/25/2013	1052	-1.26	-1.14	0.0	1.0	0.0	20.9	14.9	65.4	5.2	60.2	Tedlar results are suspect.
VMP-26-30	2/26/2013	1034	-1.19	-1.25	OVR	OVR	12.1	1.2	365	69200	28100	41100	Resample.
VMP-26-30	3/20/2013	1033	-2.52	-0.66	OVR	OVR	10.9	0.9	270	191000	69100	121900	
VMP-26-30	4/24/2013	1105	-2.90	-2.86	OVR	OVR	9.2	0.9	290	500000	100000	400000	
VMP-26-30	5/22/2013	1102	-2.73	-2.68	24.1	OVR	1.1	17.1	295	13900	11500	2400	
VMP-26-30	6/25/2013	1111	-2.66	-2.45	OVR	OVR	11.1	0.8	286	76900	23500	53400	
VMP-26-38	2/1/2012	1618	-0.46	-0.39	OVR	OVR	1.0	17.3	105	133000	95000	38000	
VMP-26-38	2/2/2012	1124	-0.92	-0.71	OVR	OVR	4.3	3.0	39.8	1000000	1000000	0.0	
VMP-26-38	2/7/2012	941	-0.75	-0.54	17.1	OVR	0.3	20.4	107	32960	24800	8160	
VMP-26-38	2/10/2012	1139	-0.30	-0.59	0.0	0.0	0.1	20.9	4.5	14.2	3.2	11.0	
VMP-26-38	2/13/2012	1002	-0.81	-0.45	OVR	OVR	2.5	8.5	50.0	1000000	885000	115000	
VMP-26-38	2/15/2012	1327	-1.10	-0.76	OVR	OVR	3.6	2.1	46.6	1000000	1000000	0.0	
VMP-26-38	2/22/2012	1106	-0.50	-0.49	0.0	0.0	0.3	20.8	21.1	100	9.5	90.5	
VMP-26-38	2/29/2012	1005	-0.77	-0.80	3.4	70.0	0.1	20.9	271	4230	174	4056	
VMP-26-38	3/21/2012	1007	-0.91	-0.78	0.9	19.0	0.1	20.9	117	1500	262	1239	
VMP-26-38	4/18/2012	943	-1.27	-1.12	0.0	1.0	0.0	20.9	8.7	180	131	49.0	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-26-38	5/16/2012	1007	-1.57	-1.63	0.0	0.0	0.0	20.9	7.0	84.7	58.1	26.6	
VMP-26-38	6/20/2012	1027	-1.23	-1.24	0.1	2.0	0.0	20.9	31.4	217	82.5	135	
VMP-26-38	7/18/2012	1041	-1.35	-1.22	0.0	0.0	0.0	20.9	10.6	51.3	26.9	24.4	
VMP-26-38	8/15/2012	1019	-1.40	-1.39	0.0	0.0	0.0	20.9	3.5	45.1	23.8	21.2	
VMP-26-38	9/19/2012	1114	-1.97	-1.89	1.6	33.0	0.0	20.9	113	5320	3790	1530	
VMP-26-38	10/17/2012	1015	-1.84	-1.79	OVR	OVR	2.0	14.8	130	320000	120000	200000	
VMP-26-38	11/20/2012	1020	-1.83	-1.51	0.0	0.0	0.0	20.9	9.0	72.8	27.2	45.7	
VMP-26-38	12/19/2012	1131	-0.98	-0.85	OVR	OVR	5.2	8.1	181	770000	222000	548000	
VMP-26-38	1/16/2013	1024	-1.06	-0.66	OVR	OVR	6.0	9.4	210	180000	67500	112500	
VMP-26-38	2/25/2013	1056	-1.05	-0.92	0.1	2.0	0.0	20.9	46.7	310	45.5	265	Tedlar results are suspect.
VMP-26-38	2/26/2013	1038	-0.87	-0.98	OVR	OVR	3.6	15.9	460	47900	8000	39900	Resample.
VMP-26-38	3/20/2013	1037	-2.56	-0.60	OVR	OVR	1.5	19.7	697	15700	1700	14000	
VMP-26-38	4/24/2013	1119	-2.73	-2.65	66.4	OVR	1.5	19.5	875	9000	1150	7850	
VMP-26-38	5/22/2013	1103	-2.34	-2.34	0.4	9.0	0.2	20.8	90.0	800	348	452	
VMP-26-38	6/25/2013	1122	-2.22	-2.08	3.5	72	1.4	19.3	232	4600	3500	1100	
VMP-27-10	2/1/2012	1555	-0.48	-0.44	OVR	OVR	4.1	7.5	190	75500	50000	25500	
VMP-27-10	2/2/2012	956	-1.10	-0.91	OVR	OVR	6.3	2.5	105	303000	178000	125000	
VMP-27-10	2/7/2012	859	-0.89	-0.62	0.0	0.0	0.1	20.9	16.5	79.0	8.8	70.3	
VMP-27-10	2/10/2012	1154	-0.30	-0.01	0.7	14.0	0.2	20.3	20.0	5115	5011	104	
VMP-27-10	2/13/2012	933	-0.75	-0.29	OVR	OVR	6.6	2.4	65.4	251000	251000	0.0	
VMP-27-10	2/15/2012	1241	-0.99	-0.83	OVR	OVR	6.4	2.2	61.3	328000	209000	119000	
VMP-27-10	2/22/2012	1133	-0.38	-0.33	1.8	37.0	0.7	19.4	39.8	9513	9468	45.0	
VMP-27-10	2/29/2012	1024	-0.72	-0.63	42.3	OVR	2.4	13.5	196	35300	21630	13670	
VMP-27-10	3/21/2012	950	-0.20	-0.72	0.1	3.0	0.2	20.6	20.5	691	472	219	
VMP-27-10	4/18/2012	917	-1.35	-1.00	0.6	13.0	0.4	19.7	67.0	1106	334	772	
VMP-27-10	5/16/2012	940	-1.29	-1.28	0.0	0.0	0.2	20.7	12.7	82.0	17.7	64.3	
VMP-27-10	6/20/2012	1000	-1.01	-0.91	0.0	1.0	0.2	20.8	9.1	39.4	4.2	35.3	
VMP-27-10	7/18/2012	1012	-0.98	-0.95	0.0	0.0	0.1	20.5	18.9	83.3	15.6	67.7	
VMP-27-10	8/15/2012	1042	-0.99	-0.98	0.0	0.0	0.2	20.8	16.7	59.0	13.7	45.3	
VMP-27-10	9/19/2012	1036	-1.25	-1.40	0.2	4.0	2.5	16.9	82.2	359	85.0	274	
VMP-27-10	10/17/2012	943	-1.36	-1.37	0.0	1.0	0.5	20.4	6.5	103	49.1	53.9	
VMP-27-10	11/20/2012	1025	-1.32	-1.13	0.0	0.0	0.2	20.8	2.0	9.5	5.5	4.0	
VMP-27-10	12/19/2012	1103	-0.89	-0.62	0.0	0.0	1.3	19.1	3.6	61.1	33.8	27.3	
VMP-27-10	1/16/2013	1149	-0.76	-0.61	0.0	1.0	9.4	6.4	43.9	196	78.5	118	
VMP-27-10	2/25/2013	1028	-0.97	-0.54	0.0	0.0	0.3	20.5	0.6	7.9	3.7	4.2	Tedlar results are suspect.
VMP-27-10	2/26/2013	941	-0.71	-0.76	0.0	0.0	0.2	20.8	0.5	6.5	3.1	3.4	Resample.
VMP-27-10	3/20/2013	1005	-1.94	-0.47	0.0	0.0	3.9	14.9	1.9	37.5	33.8	3.7	
VMP-27-10	4/24/2013	1350	-2.27	-1.98	0.0	0.0	8.8	5.8	2.2	48.6	45.1	3.5	
VMP-27-10	5/22/2013	1020	-1.37	-1.84	0.0	0.0	0	20.9	0.3	2.2	0.0	2.2	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-27-10	6/25/2013	1020	-1.32	-1.50	0.0	0.0	0.5	20.4	0.8	21.2	5.6	15.6	
VMP-27-20	2/1/2012	1556	-0.46	-0.40	OVR	OVR	1.7	17.0	101	83200	67000	16200	
VMP-27-20	2/2/2012	957	-1.16	-0.95	OVR	OVR	7.8	1.6	54.0	1000000	873000	127000	
VMP-27-20	2/7/2012	859	-0.92	-0.63	0.2	4.0	0.1	20.9	38.4	291	31.2	260	
VMP-27-20	2/10/2012	1155	-0.38	-0.50	0.0	0.0	0.1	20.7	17.0	204	146	58.1	
VMP-27-20	2/13/2012	934	-0.86	-0.37	OVR	OVR	7.3	2.0	50.3	1000000	1000000	0.0	
VMP-27-20	2/15/2012	1242	-1.13	-0.97	OVR	OVR	6.9	2.4	54.9	1000000	1000000	0.0	
VMP-27-20	2/22/2012	1134	-0.44	-0.38	0.0	0.0	0.3	20.9	30.9	231	42.8	188	
VMP-27-20	2/29/2012	1025	-0.80	-0.71	OVR	OVR	1.3	17.8	95.8	124000	79400	44600	
VMP-27-20	3/21/2012	950	-0.23	-0.84	0.0	0.0	0.1	20.9	18.1	122	38.6	83.4	
VMP-27-20	4/18/2012	917	-1.24	-1.17	0.1	3.0	0.1	20.9	15.8	790	661	129	
VMP-27-20	5/16/2012	941	-1.53	-1.54	0.0	0.0	0.0	20.9	6.3	11.4	34.8	-23	
VMP-27-20	6/20/2012	1001	-1.20	-1.13	0.0	0.0	0.0	20.9	9.5	45.8	9.6	36.2	
VMP-27-20	7/18/2012	1013	-1.26	-1.24	0.0	0.0	0.3	20.6	10.1	112	44.2	67.8	
VMP-27-20	8/15/2012	1043	-1.28	-1.26	0.0	0.0	0.0	20.9	3.9	22.1	8.2	13.9	
VMP-27-20	9/19/2012	1038	-1.94	-1.83	0.0	0.0	0.0	20.9	4.5	24.6	6.2	18.4	
VMP-27-20	10/17/2012	944	-1.73	-1.68	0.0	0.0	0.1	20.9	9.6	81.8	21.6	60.2	
VMP-27-20	11/20/2012	1029	-1.65	-1.42	0.0	0.0	0.0	20.9	20.0	88.4	14.0	74.4	
VMP-27-20	12/19/2012	1104	-1.13	-0.80	0.0	0.0	0.0	20.9	7.0	40.3	0.0	40.3	
VMP-27-20	1/16/2013	1154	-0.67	-0.28	OVR	OVR	10.0	1.8	365	80200	29300	50900	
VMP-27-20	2/25/2013	1032	-1.16	-0.89	0.0	0.0	0.0	20.9	2.3	21.3	4.3	17.0	Tedlar results are suspect.
VMP-27-20	2/26/2013	945	-0.79	-0.83	OVR	OVR	9.0	1.3	290	84900	36200	48700	Resample.
VMP-27-20	3/20/2013	1009	-2.26	-0.58	OVR	OVR	8.1	1.5	315	122000	53400	68600	
VMP-27-20	4/24/2013	1357	-2.55	-2.41	OVR	OVR	8.6	0.8	445	163000	50200	112800	
VMP-27-20	5/22/2013	1021	-2.38	-2.36	2.8	56	0.6	19.4	208	6100	3800	2300	
VMP-27-20	6/25/2013	1028	-2.24	-2.19	OVR	OVR	9.9	0.9	294	124000	42000	82000	
VMP-27-30	2/1/2012	1557	-0.46	-0.40	0.0	0.0	0.1	20.9	17.2	137	0.0	137	
VMP-27-30	2/2/2012	958	-1.16	-0.95	OVR	OVR	7.2	2.1	53.1	1000000	1000000	0.0	
VMP-27-30	2/7/2012	900	-0.94	-0.63	OVR	OVR	1.6	16.8	60.0	132000	76060	55940	
VMP-27-30	2/10/2012	1156	-0.39	-0.51	OVR	OVR	0.3	19.7	355	56000	16290	39710	
VMP-27-30	2/13/2012	935	-0.87	-0.38	OVR	OVR	7.1	1.8	45.4	1000000	1000000	0.0	
VMP-27-30	2/15/2012	1243	-1.16	-0.98	OVR	OVR	4.6	8.4	56.8	1000000	532000	468000	
VMP-27-30	2/22/2012	1135	-0.45	-0.40	0.2	4.0	0.2	20.9	54.4	397	73.0	324	
VMP-27-30	2/29/2012	1026	-0.79	-0.73	OVR	OVR	1.4	17.0	98.5	146000	117000	29000	
VMP-27-30	3/21/2012	950	-0.23	-0.83	0.0	0.0	0.1	20.2	18.6	119	37.7	81.3	
VMP-27-30	4/18/2012	917	-1.22	-1.16	0.0	0.0	0.0	20.9	2.2	39.5	18.5	21.0	
VMP-27-30	5/16/2012	942	-1.51	-1.55	0.0	0.0	0.0	20.9	4.6	31.8	10.5	21.3	
VMP-27-30	6/20/2012	1002	-1.24	-1.13	0.0	0.0	0.0	20.9	6.0	32.0	8.8	23.2	
VMP-27-30	7/18/2012	1012	-1.26	-1.24	49.7	OVR	0.8	18.2	77.3	84100	28300	55800	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-27-30	8/15/2012	1044	-1.28	-1.26	0.0	0.0	0.0	20.9	5.1	31.8	9.9	21.9	
VMP-27-30	9/19/2012	1040	-1.96	-1.82	0.0	0.0	0.0	20.9	5.3	22.2	6.1	16.0	
VMP-27-30	10/17/2012	945	-1.75	-1.69	0.0	0.0	0.0	20.9	10.0	86.1	10.6	75.5	
VMP-27-30	11/20/2012	1033	-1.63	-1.42	0.0	0.0	0.0	20.9	4.6	22.4	4.8	17.6	
VMP-27-30	12/19/2012	1105	-1.11	-0.80	0.0	0.0	0.0	20.9	10.0	65.2	2.5	62.8	
VMP-27-30	1/16/2013	1159	-0.65	-0.59	OVR	OVR	7.7	4.9	155	355000	154000	201000	
VMP-27-30	2/25/2013	1036	-1.16	-0.90	0.0	0.0	0.0	20.9	6.0	53.3	7.7	45.6	Tedlar results are suspect.
VMP-27-30	2/26/2013	949	-0.79	-0.83	OVR	OVR	8.8	0.9	174	282000	125000	157000	Resample.
VMP-27-30	3/20/2013	1013	-2.62	-0.57	OVR	OVR	7.3	0.6	107	1000000	520000	480000	
VMP-27-30	4/24/2013	1406	-2.51	-2.41	OVR	OVR	7.9	1.0	240	1000000	173000	827000	
VMP-27-30	5/22/2013	1022	-2.37	-2.35	OVR	OVR	7.9	2.5	209	900000	210000	690000	
VMP-27-30	6/25/2013	1035	-2.22	-2.19	OVR	OVR	9.8	0.7	217	611000	79200	531800	
VMP-27-38	2/1/2012	1558	-0.30	-0.28	80.0	OVR	0.6	19.3	95.3	105000	73200	31800	
VMP-27-38	2/2/2012	959	-1.11	-0.89	OVR	OVR	4.9	1.4	37.3	1000000	1000000	0.0	
VMP-27-38	2/7/2012	900	-0.85	-0.55	OVR	OVR	2.0	13.0	47.6	611000	567000	44000	
VMP-27-38	2/10/2012	1157	-0.27	-0.38	0.0	0.0	0.1	20.9	6.5	27.6	7.7	19.9	
VMP-27-38	2/13/2012	936	-0.49	-0.24	0.4	8.0	0.1	20.9	87.3	823	242	581	
VMP-27-38	2/15/2012	1244	-1.40	-0.91	OVR	OVR	4.3	2.1	38.5	1000000	1000000	0.0	
VMP-27-38	2/22/2012	1136	-0.31	-0.25	OVR	OVR	3.1	8.3	53.7	1000000	875000	125000	
VMP-27-38	2/29/2012	1027	-0.79	-0.70	38.9	OVR	0.4	19.7	63.8	53550	39200	14350	
VMP-27-38	3/21/2012	951	-0.24	-0.86	0.0	0.0	0.1	20.9	5.0	33.9	5.2	28.7	
VMP-27-38	4/18/2012	917	-1.23	-1.14	0.0	0.0	0.0	20.9	0.5	4.8	0.0	4.8	
VMP-27-38	5/16/2012	943	-1.54	-1.45	0.0	0.0	0.0	20.9	0.5	1.3	0.0	1.3	
VMP-27-38	6/20/2012	1003	-1.24	-1.13	0.0	0.0	0.0	20.9	1.0	6.0	3.1	2.9	
VMP-27-38	7/18/2012	1016	-1.23	-0.62	0.0	0.0	0.0	20.9	0.8	28.0	10.7	17.3	
VMP-27-38	8/15/2012	1045	-1.30	-1.28	0.0	0.0	0.0	20.9	0.9	7.9	6.1	1.8	
VMP-27-38	9/19/2012	1042	-1.95	-1.82	0.0	0.0	0.0	20.9	3.8	56.5	39.0	17.5	
VMP-27-38	10/17/2012	946	-1.71	-1.61	0.0	0.0	0.0	20.9	11.5	158	60.5	97.5	
VMP-27-38	11/20/2012	1037	-1.64	-1.40	0.0	0.0	0.0	20.9	1.8	20.4	10.6	9.8	
VMP-27-38	12/19/2012	1106	-1.11	0.77	0.0	0.0	0.0	20.9	50.5	320	13.1	307	
VMP-27-38	1/16/2013	1204	-0.57	-0.49	OVR	OVR	10.0	1.9	252	218000	72200	145800	
VMP-27-38	2/25/2013	1040	-1.07	-0.80	0.0	0.0	0.0	20.9	1.6	15.3	3.3	12.0	Tedlar results are suspect.
VMP-27-38	2/26/2013	953	-0.60	-0.65	OVR	OVR	11.2	2.9	239	74700	42300	32400	Resample.
VMP-27-38	3/20/2013	1017	-2.56	-0.55	9.4	OVR	4.7	14.2	430	3900	1200	2700	Tedlar results are suspect.
VMP-27-38	4/24/2013	1416	-2.43	-2.30	2.8	57.0	2.7	17.8	431	2000	715	1285	
VMP-27-38	5/22/2013	1023	-2.18	-2.18	0.3	6.0	2.2	18.7	41.0	1100	383	717	
VMP-27-38	6/25/2013	1043	-2.02	-2.03	0.8	16.0	2.1	19.0	205	990	190	800	
VMP-28-10	2/1/2012	1632	-1.20	-1.17	OVR	OVR	8.4	4.7	216	150000	85700	64300	
VMP-28-10	2/2/2012	1035	-1.44	-1.23	OVR	OVR	9.6	0.9	196	239000	132000	107000	

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SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-28-10	2/7/2012	1010	-1.01	-1.15	0.1	3.0	0.2	20.8	41.5	287	72.6	214	
VMP-28-10	2/10/2012	1108	-0.04	-0.79	0.5	11.0	0.2	20.6	105	1566	862	704	
VMP-28-10	2/13/2012	1024	0.75	-0.67	OVR	OVR	8.1	1.5	253	128000	60200	67800	
VMP-28-10	2/15/2012	1349	-0.91	-0.75	OVR	OVR	6.1	5.7	266	87200	53820	33380	
VMP-28-10	2/22/2012	1119	-0.58	- 0.62	1.3	27.0	0.6	20.0	128	3998	2430	1568	
VMP-28-10	2/29/2012	1050	-0.99	-0.76	7.3	OVR	0.6	19.5	434	9343	3540	5803	
VMP-28-10	3/21/2012	1029	-0.60	-0.52	45.5	OVR	1.9	15.1	395	35300	9510	25790	
VMP-28-10	4/18/2012	1009	-1.08	-1.01	0.8	17.0	0.3	20.2	141	1781	750	1031	
VMP-28-10	5/16/2012	1011	-1.32	-1.33	0.2	5.0	0.2	20.5	69.3	6200	231	5969	
VMP-28-10	6/20/2012	1056	-1.09	-1.35	10.3	OVR	1.4	18.1	397	7000	825	6175	
VMP-28-10	7/18/2012	1053	-0.88	-0.78	0.6	12.0	0.2	20.4	150	1000	32.5	968	
VMP-28-10	8/15/2012	1106	-0.93	-0.92	2.2	46.0	0.6	20.0	354	7040	1130	5910	
VMP-28-10	9/19/2012	1010	-1.72	-1.69	OVR	OVR	6.1	10.7	776	14200	1080	13120	
VMP-28-10	10/17/2012	1030	-2.11	-2.07	27.3	OVR	3.8	15.0	882	18700	350	18350	
VMP-28-10	11/20/2012	1055	-1.60	-1.59	0.3	6.0	0.3	20.7	211	600	63.8	536	
VMP-28-10	12/19/2012	1150	-0.82	-0.64	17.5	OVR	5.0	14.9	868	4600	480	4120	
VMP-28-10	1/16/2013	1211	-0.70	-0.77	19.0	OVR	13.2	1.5	828	7500	1350	6150	
VMP-28-10	2/25/2013	1103	-0.88	-0.80	0.4	9.0	1.0	19.5	90.4	635	90.4	545	Tedlar results are suspect.
VMP-28-10	2/26/2013	1104	-0.99	-0.92	32.8	OVR	12.0	2.8	800	10400	2600	7800	Resample.
VMP-28-10	3/20/2013	1050	-2.06	-0.46	37.9	OVR	9.8	6.5	1105	4900	680	4220	
VMP-28-10	4/24/2013	1432	-2.02	-1.94	14.6	OVR	10.9	6.4	970	4800	245	4555	
VMP-28-10	5/22/2013	1130	-1.95	-1.80	4.6	94.0	0.7	19.4	100	10100	8100	2000	
VMP-28-10	6/25/2013	1133	-1.87	-1.53	1.6	33.0	4.3	14.9	315	1720	290	1430	
VMP-28-20	2/1/2012	1633	-0.60	-0.52	OVR	OVR	7.7	1.5	145	1000000	195000	805000	
VMP-28-20	2/2/2012	1040	-1.09	-0.83	OVR	OVR	7.9	1.0	133	1000000	342000	658000	
VMP-28-20	2/7/2012	1010	-0.67	-0.73	0.3	6.0	0.1	20.9	55.2	475	62.3	413	
VMP-28-20	2/10/2012	1109	-0.06	-0.69	0.9	19.0	0.1	20.7	164	1425	102	1323	
VMP-28-20	2/13/2012	1025	-0.68	-0.53	OVR	OVR	7.1	3.5	148	1000000	213000	787000	
VMP-28-20	2/15/2012	1350	-0.81	-0.84	OVR	OVR	4.2	12.7	377	52900	25780	27120	
VMP-28-20	2/22/2012	1120	-0.62	- 0.59	0.1	2.0	0.2	20.9	39.7	248	27.2	221	
VMP-28-20	2/29/2012	1051	-0.90	-0.60	4.8	97.0	0.1	20.9	501	5056	130	4926	
VMP-28-20	3/21/2012	1030	-0.81	-0.70	0.0	0.0	0.1	20.9	49.4	243	26.2	217	
VMP-28-20	4/18/2012	1009	-1.25	-1.13	0.2	5.0	0.1	20.9	60.0	490	150	340	
VMP-28-20	5/16/2012	1011	-1.62	-1.61	0.0	0.0	0.0	20.9	15.1	61.8	1.7	60.1	
VMP-28-20	6/20/2012	1100	-1.31	-1.35	7.2	OVR	0.5	19.9	354	6020	864	5156	
VMP-28-20	7/18/2012	1054	-1.35	-1.20	0.0	0.0	0.0	20.9	48.2	115	0.0	115	
VMP-28-20	8/15/2012	1107	-1.40	-1.35	0.1	2.0	0.0	20.9	39.5	177	38.1	139	
VMP-28-20	9/19/2012	1011	-2.28	-2.22	40.0	OVR	2.9	16.5	742	10700	1100	9600	
VMP-28-20	10/17/2012	1031	-2.15	-2.08	5.5	OVR	0.6	20.2	295	6200	2200	4000	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-28-20	11/20/2012	1059	-1.80	-1.74	0.2	4.0	0.0	20.9	118	422	28.9	393	
VMP-28-20	12/19/2012	1151	-1.09	-0.80	79.4	OVR	11.4	5.4	850	16200	4300	11900	
VMP-28-20	1/16/2013	1216	-0.86	-0.63	64.5	OVR	13.0	2.6	490	24900	11100	13800	
VMP-28-20	2/25/2013	1107	-1.13	-1.01	0.0	1.0	0.0	20.9	55.9	200	7.7	192	Tedlar results are suspect.
VMP-28-20	2/26/2013	1108	-1.13	-1.07	OVR	OVR	12.7	0.8	173	178000	120000	58000	Resample.
VMP-28-20	3/20/2013	1054	-2.60	-0.60	23.8	OVR	12.0	5.8	695	4400	865	3535	
VMP-28-20	4/24/2013	1440	-2.30	-2.31	OVR	OVR	13.7	2.4	800	49700	1000	48700	
VMP-28-20	5/22/2013	1131	-2.15	-1.95	OVR	OVR	3.0	17.5	480	93000	2600	90400	
VMP-28-20	6/25/2013	1138	-1.66	-1.26	OVR	OVR	8.1	9.6	416	17400	2000	15400	
VMP-28-30	2/1/2012	1634	-0.43	-0.28	OVR	OVR	7.9	1.6	151	1000000	170000	830000	
VMP-28-30	2/2/2012	1045	-0.94	-0.68	OVR	OVR	6.4	6.1	143	1000000	170000	830000	
VMP-28-30	2/7/2012	1011	-0.53	-0.56	0.0	0.0	0.1	20.9	17.4	78.0	6.5	71.6	
VMP-28-30	2/10/2012	1110	-0.05	-0.63	0.0	0.0	0.1	20.7	16.5	56.6	3.9	52.7	
VMP-28-30	2/13/2012	1026	-0.62	-0.46	OVR	OVR	6.4	5.5	148	1000000	196000	804000	
VMP-28-30	2/15/2012	1351	-1.05	-0.84	0.6	13.0	0.2	20.9	127	1035	26.6	1008	
VMP-28-30	2/22/2012	1121	-0.60	-0.55	0.0	0.0	0.2	20.9	26.7	132	24.1	108	
VMP-28-30	2/29/2012	1052	0.83	-0.52	38.5	OVR	0.6	19.6	281	60700	24280	36420	
VMP-28-30	3/21/2012	1030	-0.84	-0.74	0.0	0.0	0.1	20.9	35.7	170	30.8	139	
VMP-28-30	4/18/2012	1009	-1.27	-1.16	0.0	0.0	0.0	20.9	20.0	115	42.0	73.0	
VMP-28-30	5/16/2012	1011	-1.69	-1.69	0.0	0.0	0.0	20.9	13.1	60.0	NM	NM	Sample depelted before methane screened.
VMP-28-30	6/20/2012	1104	-1.34	-1.36	0.2	4.0	0.0	20.8	36.4	764	465	299	
VMP-28-30	7/18/2012	1055	-1.46	-1.34	0.0	0.0	0.0	20.9	27.7	92.9	27.6	65.3	
VMP-28-30	8/15/2012	1107	-1.50	-1.45	0.0	0.0	0.0	20.9	26.0	125	41.8	83.2	
VMP-28-30	9/19/2012	1012	-1.79	-2.33	0.0	0.0	0.0	20.9	21.0	96.1	26.4	69.7	
VMP-28-30	10/17/2012	1032	-2.07	-2.00	0.1	2.0	0.0	20.9	25.5	124	21.6	102	
VMP-28-30	11/20/2012	1103	-1.78	-1.72	0.0	0.0	0.0	20.9	5.9	27.3	6.3	21.0	
VMP-28-30	12/19/2012	1153	-1.12	-1.13	OVR	OVR	9.1	6.2	325	150000	70300	79700	
VMP-28-30	1/16/2013	1221	-0.83	-0.74	OVR	OVR	8.9	6.6	225	138000	68800	69200	
VMP-28-30	2/25/2013	1111	-1.16	-1.05	0.0	0.0	0.0	20.9	9.6	75.9	23.6	52.3	Tedlar results are suspect.
VMP-28-30	2/26/2013	1112	-1.13	-1.09	OVR	OVR	9.5	1.5	120	585000	230000	355000	Resample.
VMP-28-30	3/20/2013	1058	-2.79	-0.65	OVR	OVR	12.0	2.5	112	329000	168000	161000	
VMP-28-30	4/24/2013	1448	-2.69	-2.66	OVR	OVR	13.5	1	139	497000	251000	246000	
VMP-28-30	5/22/2013	1132	-2.66	-2.52	17.6	OVR	1.4	17.9	46.0	36000	31500	4500	
VMP-28-30	6/25/2013	1143	-2.48	-2.23	OVR	OVR	8.1	7.1	101	169000	94900	74100	
VMP-28-40	2/1/2012	1635	-0.42	-0.27	OVR	OVR	7.1	4.1	155	1000000	240000	760000	
VMP-28-40	2/2/2012	1049	-0.92	-0.66	OVR	OVR	8.0	1.6	144	846000	223000	623000	
VMP-28-40	2/7/2012	1011	-0.49	-0.57	0.0	0.0	0.1	20.9	29.2	90.8	7.0	83.8	
VMP-28-40	2/10/2012	1111	-0.12	-0.62	0.0	0.0	0.1	20.7	25.0	62.9	3.1	59.8	
VMP-28-40	2/13/2012	1027	-0.78	-0.44	OVR	OVR	1.8	14.5	135	76800	49900	26900	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-28-40	2/15/2012	1352	-1.03	-0.84	1.7	35.0	0.3	20.2	44.3	9789	9090	699	
VMP-28-40	2/22/2012	1122	-0.58	- 0.53	0.0	0.0	0.2	20.9	0.8	15.4	3.0	12.5	
VMP-28-40	2/29/2012	1053	-0.09	-0.52	3.2	64.0	0.1	20.9	389	5162	1170	3992	
VMP-28-40	3/21/2012	1030	-0.83	-0.72	0.0	0.0	0.1	20.9	39.3	125	29.0	96.1	
VMP-28-40	4/18/2012	1010	-1.25	-1.13	0.0	0.0	0.0	20.9	11.2	45.0	17.5	27.5	
VMP-28-40	5/16/2012	1013	-1.68	-1.69	0.0	0.0	0.0	20.9	10.0	27.0	7.6	19.4	
VMP-28-40	6/20/2012	1108	-1.33	-1.36	0.0	0.0	0.0	20.9	10.0	41.0	15.3	25.7	
VMP-28-40	7/18/2012	1056	-1.44	-1.34	3.4	70.0	0.2	20.4	101	8950	6660	2290	
VMP-28-40	8/15/2012	1108	-1.48	-1.44	0.0	0.0	0.0	20.9	6.6	39.1	26.1	13.0	
VMP-28-40	9/19/2012	1013	-2.40	-2.31	0.1	2.0	0.0	20.7	32.3	769	583	186	
VMP-28-40	10/17/2012	1033	-1.88	-2.00	1.4	29.0	0.2	20.8	122	3000	1620	1380	
VMP-28-40	11/20/2012	1107	-1.70	-1.64	0.0	0.0	0.0	20.9	0.5	6.7	3.7	3.0	
VMP-28-40	12/19/2012	1154	-1.19	-0.79	0.0	0.0	0.0	20.9	10.5	83.0	17.2	65.8	
VMP-28-40	1/16/2013	1226	-0.82	-0.74	OVR	OVR	7.8	6.6	215	152000	76100	75900	
VMP-28-40	2/25/2013	1115	-1.16	-1.05	0.0	0.0	0.0	20.9	7.4	59.2	16.0	43.2	Tedlar results are suspect.
VMP-28-40	2/26/2013	1116	-1.12	-1.08	OVR	OVR	9.1	1.6	107	730000	266000	464000	Resample.
VMP-28-40	3/20/2013	1102	-2.79	-0.65	10.2	OVR	1.5	18.9	74.8	18700	15500	3200	Tedlar results are suspect.
VMP-28-40	4/24/2013	1458	-2.67	-2.63	OVR	OVR	11.7	0.9	170	770000	395000	375000	
VMP-28-40	5/22/2013	1133	-2.64	-2.52	OVR	OVR	7.5	6.2	104	945000	441000	504000	
VMP-28-40	6/25/2013	1148	-2.49	-2.25	OVR	OVR	7.4	7.3	68.7	172000	94000	78000	
VMP-29-10	12/5/2012	1632	-0.06	-0.09	0.0	0.0	1.3	19.3	1.2	2.9	0.0	2.9	
VMP-29-10	12/6/2012	1353	-0.03	-0.06	0.0	0.0	1.6	18.8	0.5	1.8	0.0	1.8	
VMP-29-10	12/13/2012	1321	-0.01	-0.01	0.0	0.0	3.2	17.3	0.6	0.7	0.0	0.7	
VMP-29-10	12/19/2012	1400	-0.01	-0.06	0.0	0.0	2.6	17.9	0.6	1.4	0.0	1.4	
VMP-29-10	1/16/2013	1003	-0.02	-0.06	0.0	0.0	0.7	20.2	0.2	2.9	0.0	2.9	
VMP-29-10	2/25/2013	1250	-0.08	0.05	0.0	0.0	0.6	20.4	1.6	3.3	0.0	3.3	
VMP-29-10	3/20/2013	1420	-0.03	-0.09	0.0	0.0	0.8	20.2	1.4	3.0	0.0	3.0	
VMP-29-10	4/25/2013	1402	-0.15	-0.08	0.0	0.0	0.6	20.5	2.2	4.3	0.0	4.3	
VMP-29-10	5/22/2013	1420	-0.25	-0.27	0.0	0.0	0.6	20.1	6.2	9.9	0.0	9.9	
VMP-29-10	6/25/2013	1346	-0.21	-0.16	0.0	0.0	0.5	20.4	8.3	11.4	1.2	10.2	
VMP-29-20	12/5/2012	1635	-0.08	-0.10	0.0	0.0	0.6	20.3	1.9	4.9	0.0	4.9	
VMP-29-20	12/6/2012	1353	-0.03	-0.06	0.0	0.0	0.5	20.5	1.1	3.0	0.0	3.0	
VMP-29-20	12/13/2012	1324	-0.01	-0.02	0.0	0.0	5.8	14.0	5.2	5.4	0.0	5.4	
VMP-29-20	12/19/2012	1405	0.00	-0.06	0.0	0.0	6.9	13.0	1.4	0.3	0.0	0.3	
VMP-29-20	1/16/2013	1004	-0.02	-0.07	0.0	0.0	1.0	20.0	0.7	4.7	0.0	4.7	
VMP-29-20	2/25/2013	1255	-0.08	0.05	0.0	0.0	1.2	19.7	1.5	2.5	0.0	2.5	
VMP-29-20	3/20/2013	1424	-0.04	-0.09	0.0	0.0	1.6	19.6	4.4	7.1	0.0	7.1	
VMP-29-20	4/25/2013	1409	-0.15	-0.08	0.0	0.0	0.8	20.4	3.3	5.3	0.0	5.3	
VMP-29-20	5/22/2013	1421	-0.27	-0.30	0.0	0.0	1.2	19.4	3.1	4.9	0.0	4.9	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-29-20	6/25/2013	1350	-0.22	-0.17	0.0	0.0	0.6	20.4	9.5	15.5	1.3	14.2	
VMP-29-30	12/5/2012	1640	-0.10	-0.13	0.0	0.0	2.1	18.6	8.0	12.9	0.0	12.9	
VMP-29-30	12/6/2012	1357	-0.04	-0.06	0.0	0.0	4.7	15.4	15.5	18.4	0.0	18.4	
VMP-29-30	12/13/2012	1337	0.02	-0.02	0.0	0.0	9.3	10.0	8.5	13.8	0.0	13.8	
VMP-29-30	12/19/2012	1415	0.00	-0.06	0.0	0.0	8.5	10.6	2.4	2.6	0.0	2.6	
VMP-29-30	1/16/2013	1005	-0.02	-0.08	0.0	0.0	5.2	15.3	5.4	8.5	0.0	8.5	
VMP-29-30	2/25/2013	1300	-0.10	0.06	0.0	0.0	3.7	16.7	1.5	1.3	0.0	1.3	
VMP-29-30	3/20/2013	1428	-0.05	-0.08	0.0	0.0	2.1	19.0	4.9	7.4	0.0	7.4	
VMP-29-30	4/25/2013	1416	-0.15	-0.10	0.0	0.0	1.6	19.6	3.7	4.9	0.0	4.9	
VMP-29-30	5/22/2013	1422	-0.29	-0.30	0.0	0.0	1.0	19.8	4.7	8.1	0.0	8.1	
VMP-29-30	6/25/2013	1354	-0.23	-0.18	0.0	0.0	0.7	20.3	8.4	13.7	1.7	12.0	
VMP-29-40	12/5/2012	NM	-0.39	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	12/6/2012	1355	-2.33	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	12/13/2012	NM	-0.03	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	12/19/2012	NM	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	12/19/2012	NM	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	1/16/2013	NM	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	2/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	3/20/2013	NM	-0.21	0.00	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	4/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	5/22/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	6/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-10	12/5/2012	1547	-0.11	-0.12	0.0	0.0	0.5	20.6	0.8	2.4	0.0	2.4	
VMP-30-10	12/6/2012	1441	-0.09	-0.09	0.0	0.0	0.0	20.9	0.5	2.2	0.0	2.2	
VMP-30-10	12/13/2012	1106	-0.04	-0.05	0.0	0.0	0.3	20.8	1.7	4.2	0.0	4.2	
VMP-30-10	12/19/2012	1425	-0.04	-0.02	0.0	0.0	0.2	20.8	0.9	2.0	0.0	2.0	
VMP-30-10	1/16/2013	1025	-0.08	-0.06	0.0	0.0	0.0	20.9	0.4	3.6	0.0	3.6	
VMP-30-10	2/25/2013	1315	-0.04	-0.04	0.0	0.0	0.0	20.9	0.9	2.1	0.0	2.1	
VMP-30-10	3/20/2013	1433	-0.08	-0.09	0.0	0.0	0.0	20.9	0.9	3.7	0.0	3.7	
VMP-30-10	4/25/2013	1509	-0.16	-0.15	0.0	0.0	0	20.9	1.0	2.0	0.0	2.0	
VMP-30-10	5/22/2013	1455	-0.27	-0.23	0.0	0.0	0.1	20.8	9.3	15.1	0.0	15.1	
VMP-30-10	6/25/2013	1516	-0.20	-0.18	0.0	0.0	0.1	20.8	6.9	10.5	0.5	10.1	
VMP-30-20	12/5/2012	1547	-0.21	-0.22	0.0	0.0	0.0	20.9	0.4	3.0	0.0	3.0	
VMP-30-20	12/6/2012	1442	-0.17	-0.19	0.0	0.0	0.0	20.9	0.7	2.4	0.0	2.4	
VMP-30-20	12/13/2012	1120	-0.10	-0.14	0.0	0.0	4.1	17.5	12.8	62.7	0.0	62.7	
VMP-30-20	12/19/2012	1430	-0.08	-0.06	0.0	0.0	0.7	20.5	1.7	6.0	0.0	6.0	
VMP-30-20	1/16/2013	1026	-0.20	-0.12	0.0	0.0	0.0	20.9	0.6	4.9	0.0	4.9	
VMP-30-20	2/25/2013	1320	-0.09	-0.10	0.0	0.0	0.3	20.7	2.6	5.0	0.0	5.0	
VMP-30-20	3/20/2013	1437	-0.18	-0.20	0.0	0.0	0.4	20.7	4.9	7.9	0.0	7.9	
VMP-30-20	4/25/2013	1517	-0.28	-0.24	0.0	0.0	0.2	20.7	9.1	12.7	0.0	12.7	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-30-20	5/22/2013	1456	-0.52	-0.47	0.0	0.0	0.2	20.7	10.3	18.3	0.0	18.3	
VMP-30-20	6/25/2013	1520	-0.38	-0.37	0.0	0.0	0.3	20.6	24.3	38.2	2.4	35.8	
VMP-30-30	12/5/2012	1550	-0.23	-0.12	0.0	0.0	0.0	20.9	0.7	3.1	0.0	3.1	
VMP-30-30	12/6/2012	1446	-0.17	-0.19	0.0	0.0	0.0	20.9	0.7	2.5	0.0	2.5	
VMP-30-30	12/13/2012	1121	-0.10	-0.13	0.0	0.0	6.2	15.2	6.3	15.1	0.0	15.1	
VMP-30-30	12/19/2012	1435	-0.05	-0.10	0.0	0.0	1.0	20.1	1.4	4.0	0.0	4.0	
VMP-30-30	1/16/2013	1027	-0.19	-0.13	0.0	0.0	0.0	20.9	0.3	3.5	0.0	3.5	
VMP-30-30	2/25/2013	1325	-0.10	-0.08	0.0	0.0	0.1	20.8	1.3	3.5	0.0	3.5	
VMP-30-30	3/20/2013	1441	-0.21	-0.23	0.0	0.0	0.9	20.5	2.1	4.7	0.0	4.7	
VMP-30-30	4/25/2013	1525	-0.28	-0.24	0.0	0.0	0.3	20.7	1.9	3.4	0.0	3.4	
VMP-30-30	5/22/2013	1457	-0.54	-0.48	0.0	0.0	0.6	20.3	3.3	5.3	0.0	5.3	
VMP-30-30	6/25/2013	1524	-0.40	-0.40	0.0	0.0	0.3	20.6	9.1	14.5	1.8	12.7	
VMP-30-40	12/5/2012	NM	NM	-0.33	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	12/6/2012	1442	0.01	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	12/13/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	12/19/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	1/16/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	2/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	3/20/2013	NM	NM	0.00	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	4/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	5/22/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	6/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-5	2/1/2012	1552	-0.25	-0.30	0.0	0.0	0.5	20.5	0.1	0.6	0.0	0.6	
VMP-31-5	2/2/2012	948	-0.45	-0.35	0.0	0.0	0.3	20.6	0.1	0.5	0.0	0.5	
VMP-31-5	2/7/2012	1401	-0.25	-0.27	0.0	0.0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-31-5	2/10/2012	906	-0.10	-0.38	0.0	0.0	0.2	20.8	1.0	7.5	6.3	1.2	
VMP-31-5	2/13/2012	824	-0.37	-0.29	0.0	0.0	0.3	20.7	0.1	0.0	0.0	0.0	
VMP-31-5	2/15/2012	1626	0.00	-0.47	0.0	0.0	0.3	20.7	0.6	0.0	0.0	0.0	
VMP-31-5	2/16/2012	1607	-1.04	-0.66	0.0	0.0	0.3	20.9	9.3	36.8	3.4	33.4	
VMP-31-5	2/17/2012	912	-0.64	-0.41	0.0	0.0	0.4	20.8	1.1	6.3	5.0	1.3	
VMP-31-5	2/20/2012	935	-0.15	-0.41	0.0	0.0	0.3	20.8	0.8	0.5	0.0	0.5	
VMP-31-5	2/21/2012	830	-0.39	-0.53	0.0	0.0	0.2	20.9	0.5	4.0	0.0	4.0	
VMP-31-5	2/22/2012	1001	-0.25	- 0.21	0.0	0.0	0.4	20.9	0.5	3.5	0.0	3.5	
VMP-31-5	2/29/2012	1019	-0.33	- 0.19	0.0	0.0	0.5	20.4	0.8	6.0	3.1	2.9	
VMP-31-5	3/21/2012	1447	-0.11	-0.11	0.0	0.0	0.5	20.0	0.2	0.0	0.0	0.0	
VMP-31-5	4/18/2012	1446	-0.16	-0.15	0.0	0.0	0.1	20.4	2.0	5.3	0.0	5.3	
VMP-31-5	5/16/2012	1046	-0.40	-0.44	0.0	0.0	1.5	19.0	0.3	0.2	0.0	0.2	
VMP-31-5	6/20/2012	1734	-0.15	-0.16	0.0	0.0	1.6	19.0	0.1	1.5	0.0	1.5	
VMP-31-5	7/18/2012	1508	-0.22	-0.20	0.0	0.0	0.6	19.9	0.9	5.7	4.3	1.4	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-31-5	8/15/2012	1503	-0.21	-0.74	0.0	0.0	0.8	20.0	1.2	4.4	0.0	4.4	
VMP-31-5	9/19/2012	1323	-0.43	-0.59	0.0	0.0	0.7	20.1	0.9	2.4	0.0	2.4	
VMP-31-5	10/17/2012	905	-0.40	0.91	0.0	0.0	0.9	19.5	0.2	1.0	0.0	1.0	
VMP-31-5	11/20/2012	1348	-0.28	-0.22	0.0	0.0	0.4	20.6	0.3	2.3	0.0	2.3	
VMP-31-5	12/19/2012	1140	-0.86	-0.05	0.0	0.0	0.2	20.7	0.2	1.7	0.0	1.7	
VMP-31-5	1/16/2013	1530	-0.45	-0.33	0.0	0.0	0.2	20.7	0.1	2.0	0.0	2.0	
VMP-31-5	2/25/2013	1415	-0.13	-0.16	0.0	0.0	0.2	20.7	0.2	0.3	0.0	0.3	
VMP-31-5	3/21/2013	958	-0.86	-0.83	0.0	0.0	0.1	20.8	0.4	2.1	0.0	2.1	
VMP-31-5	4/24/2013	1315	-1.15	-3.34	0.0	0.0	0.7	20	0.3	1.6	0.0	1.6	
VMP-31-5	5/23/2013	852	-1.50	-1.11	0.0	0.0	0.7	19.8	0.5	1.8	0.0	1.8	
VMP-31-5	6/26/2013	1457	-0.34	-0.28	0.0	0.0	1.9	17.3	0.4	3.8	0.0	3.8	
VMP-31-10	2/1/2012	1559	-0.40	-0.50	0.0	0.0	0.5	20.3	0.2	0.5	0.0	0.5	
VMP-31-10	2/2/2012	954	-0.73	-0.58	0.0	0.0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-31-10	2/7/2012	1405	-0.40	-0.44	0.0	0.0	0.5	20.5	0.2	0.0	0.0	0.0	
VMP-31-10	2/10/2012	907	-0.15	-0.62	0.0	0.0	0.3	20.8	1.0	6.8	6.1	0.7	
VMP-31-10	2/13/2012	825	-0.58	-0.55	0.0	0.0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-31-10	2/15/2012	1628	-0.59	-0.88	0.0	0.0	0.3	20.6	0.5	3.8	0.0	3.8	
VMP-31-10	2/16/2012	1608	-0.40	-0.77	0.0	0.0	0.4	20.9	0.8	4.9	0.0	4.9	
VMP-31-10	2/17/2012	913	-0.83	-0.63	0.0	0.0	0.4	20.8	0.7	3.1	0.0	3.1	
VMP-31-10	2/20/2012	936	-0.14	-0.67	0.0	0.0	0.3	20.8	0.5	3.8	0.0	3.8	
VMP-31-10	2/21/2012	831	-0.90	-0.88	0.0	0.0	0.3	20.9	0.5	3.8	0.0	3.8	
VMP-31-10	2/22/2012	1001	-0.42	- 0.35	0.0	0.0	0.5	20.7	0.4	2.3	0.0	2.3	
VMP-31-10	2/29/2012	1020	-0.35	- 0.37	0.0	0.0	0.5	20.3	0.5	2.5	0.0	2.5	
VMP-31-10	3/21/2012	1448	-0.22	-0.17	0.0	0.0	0.6	20.0	0.3	0.0	0.0	0.0	
VMP-31-10	4/18/2012	1447	-0.29	-0.26	0.0	0.0	0.1	20.9	0.8	5.0	0.0	5.0	
VMP-31-10	5/16/2012	1052	-0.69	-0.66	0.0	0.0	1.9	18.7	0.4	0.0	0.0	0.0	
VMP-31-10	6/20/2012	1739	-0.27	-0.27	0.0	0.0	1.5	19.2	0.6	1.6	0.0	1.6	
VMP-31-10	7/18/2012	1509	-0.37	-0.32	0.0	0.0	0.7	19.9	1.0	6.6	3.3	3.3	
VMP-31-10	8/15/2012	1508	-0.38	-0.46	0.0	0.0	1.0	19.5	1.0	4.5	0.0	4.5	
VMP-31-10	9/19/2012	1324	-0.59	-0.68	0.0	0.0	0.9	19.9	0.9	3.4	0.0	3.4	
VMP-31-10	10/17/2012	905	-0.65	-0.68	0.0	0.0	1.0	19.5	0.3	0.9	0.0	0.9	
VMP-31-10	11/20/2012	1352	-0.41	-0.44	0.0	0.0	0.6	20.0	0.5	1.5	0.0	1.5	
VMP-31-10	12/19/2012	1145	-0.47	-0.08	0.0	0.0	0.2	20.6	0.2	0.7	0.0	0.7	
VMP-31-10	1/16/2013	1535	-0.38	-0.90	0.0	0.0	0.2	20.7	0.1	2.6	0.0	2.6	
VMP-31-10	2/25/2013	1420	-0.17	-0.27	0.0	0.0	0.2	20.7	0.2	0.7	0.0	0.7	
VMP-31-10	3/21/2013	1002	-1.32	-1.35	0.0	0.0	0.1	20.8	0.2	1.3	0.0	1.3	
VMP-31-10	4/24/2013	1320	-1.33	-1.70	0.0	0.0	1.0	19.5	0.3	0.9	0.0	0.9	
VMP-31-10	5/23/2013	853	-2.00	-1.45	0.0	0.0	0.9	19.6	0.5	1.8	0.0	1.8	
VMP-31-10	6/26/2013	1501	-0.45	-0.38	0.0	0.0	2.0	17.3	0.4	3.4	0.0	3.4	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-31-20	2/1/2012	1605	-0.14	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	2/2/2012	1000	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	2/7/2012	1358	-0.67	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	2/10/2012	908	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	2/13/2012	826	-0.78	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	2/15/2012	1627	0.03	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	2/16/2012	1609	-3.84	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	2/17/2012	914	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	2/20/2012	937	-1.07	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	2/21/2012	832	1.05	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	2/22/2012	1001	-0.28	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	2/29/2012	1021	0.19	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	4/18/2012	1445	0.13	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	5/16/2012	1056	-0.07	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	6/20/2012	1740	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	7/18/2012	1510	-0.27	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	8/15/2012	1511	-0.74	-0.88	0.8	17.0	6.1	14.3	252	1000	91.6	908	
VMP-31-20	9/19/2012	1325	-2.20	-1.21	2.5	50.0	6.8	11.0	343	1780	250	1530	
VMP-31-20	10/17/2012	906	-1.03	-0.75	5.8	OVR	10.1	6.2	441	2300	341	1959	
VMP-31-20	11/20/2012	1356	-0.75	-0.79	2.3	46.0	8.6	8.1	383	1960	230	1730	
VMP-31-20	12/19/2012	1150	-0.77	-0.23	0.6	12.0	7.2	12.1	210	1350	180	1170	
VMP-31-20	1/16/2013	1545	-1.16	-0.66	0.2	4.0	6.7	12.4	90.6	765	115	650	
VMP-31-20	2/25/2013	1425	-0.18	-0.15	0.0	0.0	0.1	20.7	2.0	13.9	1.3	12.6	
VMP-31-20	3/21/2013	1006	-0.70	-0.81	0.0	0.0	1.4	19.3	8.0	22.7	13.2	9.5	
VMP-31-20	4/24/2013	1325	-1.05	-0.95	0.0	0.0	0.2	20.7	0.6	2.7	0.0	2.7	
VMP-31-20	5/23/2013	854	-0.66	-0.67	0.0	0.0	0.2	20.5	0.4	2.5	0.0	2.5	
VMP-31-20	6/26/2013	1505	-0.19	-0.17	0.0	0.0	0.7	19.3	0.4	4.0	0.0	4.0	
VMP-31-30	2/1/2012	1605	-1.39	-0.72	OVR	OVR	6.0	0.9	81.1	1000000	742000	258000	
VMP-31-30	2/2/2012	1004	-1.30	-0.97	OVR	OVR	5.8	1.8	75.0	1000000	860000	140000	
VMP-31-30	2/7/2012	1410	-0.67	-0.72	OVR	OVR	6.3	2.7	79.2	1000000	1000000	0.0	
VMP-31-30	2/10/2012	909	-0.26	-1.10	OVR	OVR	5.9	5.0	81.4	897000	285000	612000	
VMP-31-30	2/13/2012	827	-1.06	-1.00	OVR	OVR	8.2	1.8	96.0	428000	169000	259000	
VMP-31-30	2/15/2012	1629	-0.97	-1.02	OVR	OVR	8.8	2.3	101	1000000	226000	774000	
VMP-31-30	2/16/2012	1610	-1.37	-1.29	OVR	OVR	8.5	2.6	121	371000	161000	210000	
VMP-31-30	2/17/2012	915	-1.19	1.02	OVR	OVR	9.8	2.1	125	245000	93200	151800	
VMP-31-30	2/20/2012	938	-0.26	-1.18	OVR	OVR	9.6	1.6	148	167000	85300	81700	
VMP-31-30	2/21/2012	833	-1.57	-1.60	OVR	OVR	9.4	1.4	158	310000	136000	174000	
VMP-31-30	2/22/2012	1002	-0.71	- 0.61	OVR	OVR	9.6	1.9	130	151000	82750	68250	
VMP-31-30	2/29/2012	1022	-0.53	- 0.67	OVR	OVR	10.4	1.3	189	67900	33590	34310	

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Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-31-30	3/21/2012	1448	-0.33	-0.30	OVR	OVR	10.6	0.6	199	93400	46800	46600	
VMP-31-30	4/18/2012	1449	-0.59	-0.52	7.1	OVR	10.3	1.8	114	11300	7800	3500	
VMP-31-30	5/16/2012	1056	-1.32	-1.28	0.8	17.0	10.6	4.1	40.0	2990	2900	90.0	
VMP-31-30	6/20/2012	1744	-0.58	-0.56	0.3	6.0	4.5	15.0	28.3	645	42.0	603	
VMP-31-30	7/18/2012	1511	-0.84	-0.77	0.1	3.0	8.5	7.7	19.0	565	563	2.0	
VMP-31-30	8/15/2012	1515	-0.83	-0.98	0.0	0.0	7.9	10.9	12.3	215	164	51.0	
VMP-31-30	9/19/2012	1326	-1.40	-1.39	0.0	0.0	8.8	10.0	10.3	86.4	56.4	30.0	
VMP-31-30	10/17/2012	906	-1.24	-3.58	0.2	5.0	3.4	17.6	25.7	286	28.8	257	
VMP-31-30	11/20/2012	1400	-0.90	-0.96	0.1	3.0	8.2	12.2	54.0	137	12.9	124	
VMP-31-30	12/19/2012	1155	-0.85	-0.51	2.3	26.0	11.0	8.0	86.0	5600	4250	1350	
VMP-31-30	1/16/2013	1245	-2.60	-2.18	OVR	OVR	12.8	3.0	290	72000	25300	46700	
VMP-31-30	2/25/2013	1430	-0.41	-0.44	OVR	OVR	15.3	0.6	266	34700	7600	27100	
VMP-31-30	3/21/2013	1010	-2.19	-2.14	OVR	OVR	13.6	1.6	266	49800	16100	33700	
VMP-31-30	4/24/2013	1330	-2.40	-2.22	42.6	OVR	12.7	3.3	365	12600	5300	7300	
VMP-31-30	5/23/2013	855	-2.94	-2.62	OVR	OVR	13.1	1.1	266	26900	22100	4800	
VMP-31-30	6/26/2013	1509	-0.73	-0.59	OVR	OVR	10.3	1.1	220	305000	71200	233800	
VMP-32-5	2/1/2012	1513	-0.27	-0.05	0.0	0.0	0.2	20.8	0.3	3.1	0.0	3.1	
VMP-32-5	2/2/2012	918	-0.06	-0.04	0.0	0.0	0.1	20.9	0.3	2.3	0.0	2.3	
VMP-32-5	2/7/2012	842	-0.07	-0.05	0.0	0.0	0.2	20.8	0.1	1.2	0.0	1.2	
VMP-32-5	2/15/2012	1029	-0.05	-0.04	0.0	0.0	0.1	20.9	0.3	0.0	0.0	0.0	
VMP-32-5	2/22/2012	1102	-0.04	- 0.01	0.0	0.0	0.3	20.9	1.0	8.2	3.7	4.5	
VMP-32-5	2/29/2012	1058	0.00	0.00	0.0	0.0	0.2	20.8	0.6	3.3	0.0	3.3	
VMP-32-5	3/21/2012	1322	0.00	0.00	0.0	0.0	0.2	20.6	0.4	0.0	0.0	0.0	
VMP-32-5	4/18/2012	1139	-0.04	0.00	0.0	0.0	0.1	20.7	0.8	2.1	0.0	2.1	
VMP-32-5	5/16/2012	1102	-0.04	-0.04	0.0	0.0	0.3	20.6	0.3	0.2	0.0	0.2	
VMP-32-5	6/20/2012	1508	0.00	-0.01	0.0	0.0	2.2	18.7	0.4	21.3	9.6	11.7	
VMP-32-5	7/18/2012	1428	-0.04	-0.03	0.0	0.0	0.9	19.7	1.2	9.0	4.7	4.3	
VMP-32-5	8/15/2012	1555	-0.03	-0.03	0.0	0.0	1.8	18.9	0.7	4.7	0.0	4.7	
VMP-32-5	9/19/2012	1407	-0.04	-0.04	0.0	0.0	1.1	19.8	0.6	3.6	0.0	3.6	
VMP-32-5	10/17/2012	920	-0.03	-0.03	0.0	0.0	1.0	18.5	0.3	0.5	0.0	0.5	
VMP-32-5	11/20/2012	1328	-0.03	-0.02	0.0	0.0	0.3	20.3	0.3	1.1	0.0	1.1	
VMP-32-5	12/19/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Construction equipment parked on well. Could not access.
VMP-32-5	1/16/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well. Could not access.
VMP-32-5	2/25/2013	1450	0.00	-0.02	0.0	0.0	0.2	20.6	0.2	0.9	0.0	0.9	
VMP-32-5	3/21/2013	940	-0.03	-0.01	0.0	0.0	0.2	20.7	0.3	1.9	0.0	1.9	
VMP-32-5	4/25/2013	1023	0.00	0.00	0.0	0.0	0.5	20.3	0.5	1.0	0.0	1.0	
VMP-32-5	5/23/2013	1424	-0.07	-0.07	0.0	0.0	1.2	20.2	0.3	0.6	0.0	0.6	
VMP-32-5	6/26/2013	1424	0.00	0.00	0.0	0.0	1.7	18.4	0.3	1.2	0.0	1.2	
VMP-32-10	2/1/2012	1519	-0.11	-0.10	0.0	0.0	2.8	18.2	0.3	0.4	0.0	0.4	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-32-10	2/2/2012	923	-0.10	-0.25	0.0	0.0	2.4	18.9	0.2	0.0	0.0	0.0	
VMP-32-10	2/7/2012	843	-0.16	-0.12	0.0	0.0	2.5	18.8	0.2	0.0	0.0	0.0	
VMP-32-10	2/15/2012	1030	-0.12	-0.10	0.0	0.0	2.2	18.8	0.3	0.0	0.0	0.0	
VMP-32-10	2/22/2012	1102	-0.07	- 0.62	0.0	0.0	2.3	19.1	1.3	7.7	0.0	7.7	
VMP-32-10	2/29/2012	1059	-0.08	0.00	0.0	0.0	2.1	18.8	0.6	2.6	0.0	2.6	
VMP-32-10	3/21/2012	1323	-0.04	-0.03	0.0	0.0	2.0	18.5	0.2	0.0	0.0	0.0	
VMP-32-10	4/18/2012	1140	-0.09	-0.06	0.0	0.0	2.2	18.0	0.5	2.2	0.0	2.2	
VMP-32-10	5/16/2012	1109	-0.10	-0.07	0.0	0.0	2.9	17.2	0.5	0.0	0.0	0.0	
VMP-32-10	6/20/2012	1509	-0.01	-0.02	0.0	0.0	3.6	16.2	1.0	4.6	0.0	4.6	
VMP-32-10	7/18/2012	1429	-0.07	-0.05	0.0	0.0	3.2	17.1	0.6	2.7	0.0	2.7	
VMP-32-10	8/15/2012	1550	-0.08	-0.06	0.0	0.0	3.5	17.5	0.9	4.2	0.0	4.2	
VMP-32-10	9/19/2012	1408	-0.07	-0.10	0.0	0.0	3.4	17.2	1.1	4.2	0.0	4.2	
VMP-32-10	10/17/2012	921	-0.05	0.00	0.0	0.0	3.4	17.4	0.4	0.4	0.0	0.4	
VMP-32-10	11/20/2012	1333	-0.05	-0.04	0.0	0.0	2.4	18.4	0.3	0.5	0.0	0.5	
VMP-32-10	12/19/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Construction equipment parked on well. Could not access.
VMP-32-10	1/16/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well. Could not access.
VMP-32-10	2/25/2013	1455	0.00	0.00	0.0	0.0	2.2	18.2	0.2	0.7	0.0	0.7	
VMP-32-10	3/21/2013	944	-0.08	-0.05	0.0	0.0	2.2	18.5	0.2	0.8	0.0	0.8	
VMP-32-10	4/25/2013	1028	0.00	0.00	0.0	0.0	2.4	17.9	0.4	0.5	0.0	0.5	
VMP-32-10	5/23/2013	1425	-0.13	-0.14	0.0	0.0	3.0	17.2	0.3	0.8	0.0	0.8	
VMP-32-10	6/26/2013	1429	0.00	0.00	0.0	0.0	3.7	15.7	0.4	0.4	0.0	0.4	
VMP-32-20	2/1/2012	1523	-0.03	-0.57	0.8	16.0	4.4	16.0	55.5	1280	921	359	
VMP-32-20	2/2/2012	929	-0.75	-0.61	0.0	0.0	3.5	17.3	0.8	5.4	2.0	3.4	
VMP-32-20	2/7/2012	844	-0.70	-0.53	0.0	0.0	3.9	17.3	0.3	2.3	0.0	2.3	
VMP-32-20	2/15/2012	1031	-0.83	-0.64	0.0	0.0	3.7	17.2	0.5	11.3	8.5	2.8	
VMP-32-20	2/22/2012	1103	-0.28	- 0.20	0.1	2.0	3.9	16.8	16.8	522	413	109	
VMP-32-20	2/29/2012	1100	-0.48	- 0.26	0.5	10.0	4.2	16.1	108	788	12.8	775	
VMP-32-20	3/21/2012	840	-0.32	-0.11	0.0	0.0	3.4	16.5	15.6	603	476	128	
VMP-32-20	4/18/2012	1141	-0.44	-0.24	0.0	0.0	3.4	16.4	0.5	2.8	0.0	2.8	
VMP-32-20	5/16/2012	1113	-0.74	-0.68	0.0	0.0	4.2	15.4	0.4	0.0	0.0	0.0	
VMP-32-20	6/20/2012	1510	-0.15	-0.18	0.0	0.0	4.2	15.2	1.5	23.9	21.2	2.7	
VMP-32-20	7/18/2012	1430	-0.35	-0.38	0.0	0.0	4.6	15.1	0.8	18.0	3.9	14.1	
VMP-32-20	8/15/2012	1559	-0.40	-0.42	0.0	0.0	5.0	15.9	1.0	3.5	0.0	3.5	
VMP-32-20	9/19/2012	1409	-0.56	-0.64	0.0	0.0	5.1	15.2	1.1	3.0	0.0	3.0	
VMP-32-20	10/17/2012	922	-0.54	-0.44	0.0	0.0	4.8	16.2	0.4	0.6	0.0	0.6	
VMP-32-20	11/20/2012	1338	-0.41	-0.42	0.0	0.0	4.2	17.0	0.4	0.4	0.0	0.4	
VMP-32-20	12/19/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Construction equipment parked on well. Could not access.
VMP-32-20	1/16/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well. Could not access.
VMP-32-20	2/25/2013	1500	-0.15	-0.11	0.0	0.0	3.7	16.5	0.3	0.7	0.0	0.7	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-32-20	3/21/2013	948	-1.11	-1.03	0.0	0.0	3.6	16.5	0.3	0.4	0.0	0.4	
VMP-32-20	4/25/2013	1033	-0.30	-0.26	0.0	0.0	4	15.7	0.5	0.4	0.0	0.4	
VMP-32-20	5/23/2013	1426	-1.43	-1.48	0.0	0.0	4.5	15.7	0.4	0.1	0.0	0.1	
VMP-32-20	6/26/2013	1433	-0.29	-0.22	0.0	0.0	4.8	14.3	0.4	0.6	0.0	0.6	
VMP-32-30	2/1/2012	1526	-0.40	-0.38	OVR	OVR	10.8	0.8	528	55500	17600	37900	
VMP-32-30	2/2/2012	934	-0.82	-0.63	OVR	OVR	10.8	1.1	493	43800	13500	30300	
VMP-32-30	2/7/2012	845	-0.71	-0.56	OVR	OVR	10.9	1.2	436	81000	19200	61800	
VMP-32-30	2/15/2012	1032	-0.74	-0.58	OVR	OVR	10.0	1.9	450	32600	10700	21900	
VMP-32-30	2/22/2012	1103	-0.30	- 0.22	OVR	OVR	10.3	1.6	489	36700	10440	26260	
VMP-32-30	2/29/2012	1101	-0.53	- 0.36	OVR	OVR	10.2	1.4	526	29600	7770	21830	
VMP-32-30	3/21/2012	1324	-0.26	-0.05	OVR	OVR	10.6	0.5	499	37400	11700	25700	
VMP-32-30	4/18/2012	1142	-0.47	-0.26	84.5	OVR	9.3	1.8	444	26000	8150	17850	
VMP-32-30	5/16/2012	1117	-0.84	-0.76	67.9	OVR	9.4	2.2	480	20500	7100	13400	
VMP-32-30	6/20/2012	1511	-0.16	-0.22	13.0	OVR	10.7	0.5	265	5950	2640	3310	
VMP-32-30	7/18/2012	1431	-0.39	-0.42	21.8	OVR	8.9	3.8	388	9320	3150	6170	
VMP-32-30	8/15/2012	1604	-0.45	-0.48	9.5	OVR	11.3	1.5	325	4700	2400	2300	
VMP-32-30	9/19/2012	1410	-0.64	-0.75	7.1	OVR	11.6	1.7	357	3500	2300	1200	
VMP-32-30	10/17/2012	923	-0.62	-0.54	0.1	3.0	9.8	6.5	17.1	1400	540	860	
VMP-32-30	11/20/2012	1343	-0.92	-0.51	0.1	2.0	12.9	2.6	83.0	480	51.5	429	
VMP-32-30	12/19/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Construction equipment parked on well. Could not access.
VMP-32-30	1/16/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well. Could not access.
VMP-32-30	2/25/2013	1505	-0.15	-0.12	0.0	0.0	13.5	2.6	22.5	123	13.5	109	
VMP-32-30	3/21/2013	952	-1.35	-1.22	2.4	46.0	14.2	1.3	242	1650	790	860	
VMP-32-30	4/25/2013	1038	-0.36	-0.31	22.5	OVR	11.9	3.6	715	6500	1500	5000	
VMP-32-30	5/23/2013	1427	-1.68	-1.72	56.8	OVR	14.0	1.3	746	9600	4000	5600	
VMP-32-30	6/26/2013	1437	-0.39	-0.30	43.6	OVR	13.5	1.6	811	8200	1800	6400	
VMP-33-10	2/15/2012	1555	-0.12	-0.50	0.0	0.0	9.0	3.4	6.5	136	124	12.2	
VMP-33-10	2/16/2012	1323	-0.10	-0.14	0.0	0.0	3.6	15.8	2.7	5.4	0.0	5.4	
VMP-33-10	2/17/2012	1019	-0.26	-0.08	0.0	0.0	3.8	15.7	1.4	2.7	0.0	2.7	
VMP-33-10	2/22/2012	840	0.00	-0.14	0.0	0.0	5.1	10.0	0.7	11.8	0.0	11.8	
VMP-33-10	2/29/2012	842	-0.08	-0.10	0.0	0.0	3.9	15.3	0.5	2.5	0.0	2.5	
VMP-33-10	3/21/2012	839	-0.09	-0.10	0.0	0.0	4.2	17.0	0.1	1.3	0.0	1.3	
VMP-33-10	4/18/2012	1050	-0.05	0.00	0.0	0.0	3.6	17.2	0.4	4.4	0.0	4.4	
VMP-33-10	5/16/2012	1026	-0.13	-0.10	0.0	0.0	2.9	18.1	0.5	0.0	0.0	0.0	
VMP-33-10	6/20/2012	1053	-0.08	-0.08	0.0	0.0	1.9	19.2	0.4	0.0	0.0	0.0	
VMP-33-10	7/18/2012	1112	-0.06	-0.03	0.0	0.0	2.2	18.5	0.9	1.6	0.0	1.6	
VMP-33-10	8/15/2012	927	-0.05	-0.05	0.0	0.0	1.8	19.3	1.0	4.5	0.0	4.5	
VMP-33-10	9/19/2012	1252	0.00	0.00	0.0	0.0	0.7	20.2	0.9	3.5	0.0	3.5	
VMP-33-10	10/17/2012	831	-0.09	-0.08	0.0	0.0	0.5	20.4	0.9	1.3	0.0	1.3	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-33-10	11/20/2012	914	-0.10	-0.07	0.0	0.0	0.3	20.6	0.5	1.6	0.0	1.6	
VMP-33-10	12/19/2012	1001	-0.05	-0.08	0.0	0.0	0.2	20.6	0.1	0.2	0.0	0.2	
VMP-33-10	1/16/2013	1237	0.02	0.00	0.0	0.0	0.3	20.5	0.2	1.2	0.0	1.2	
VMP-33-10	2/25/2013	908	-0.05	-0.05	0.0	0.0	0.0	20.9	0.2	3.5	0.0	3.5	
VMP-33-10	3/20/2013	852	-0.22	-0.16	0.0	0.0	0.1	20.7	0.2	0.5	0.0	0.5	
VMP-33-10	4/24/2013	1524	-0.22	-0.21	0.0	0.0	0	20.9	0.4	1.4	0.0	1.4	
VMP-33-10	5/22/2013	830	-0.15	-0.10	0.0	0.0	0	20.9	0.3	0.5	0.0	0.5	
VMP-33-10	6/25/2013	842	-0.14	-0.16	0.0	0.0	0.2	20.6	0.4	1.1	0.0	1.1	
VMP-33-20	2/15/2012	1601	-0.23	-0.83	OVR	OVR	7.1	3.3	96.5	85280	74660	10620	
VMP-33-20	2/16/2012	1324	-0.38	-0.44	OVR	OVR	7.1	1.4	114	95460	76200	19260	
VMP-33-20	2/17/2012	1019	-0.24	-0.28	90.9	OVR	6.9	2.0	119	76200	55800	20400	
VMP-33-20	2/22/2012	841	0.00	0.09	OVR	OVR	7.4	1.5	100	108000	60600	47400	
VMP-33-20	2/29/2012	843	-0.01	-0.38	31.9	OVR	7.4	1.3	120	39200	35050	4150	
VMP-33-20	3/21/2012	840	-0.32	-0.32	1.1	23.0	7.4	2.7	40.1	5430	4940	490	
VMP-33-20	4/18/2012	1050	-0.17	-0.10	0.4	9.0	9.8	1.1	15.1	3260	3200	60.0	
VMP-33-20	5/16/2012	1027	-0.44	-0.43	0.0	0.0	12.0	1.5	3.1	724	661	63.0	
VMP-33-20	6/20/2012	1054	-0.25	-0.28	0.0	0.0	14.0	1.2	1.5	326	45.5	281	
VMP-33-20	7/18/2012	1113	-0.25	-0.16	0.0	0.0	16.8	3.5	1.1	80.1	3.8	76.3	
VMP-33-20	8/15/2012	928	-0.25	-0.25	0.0	0.0	17.6	6.5	0.8	36.0	1.2	34.8	
VMP-33-20	9/19/2012	1254	-0.18	-0.12	0.0	0.0	14.3	11.2	1.2	25.6	2.1	23.5	
VMP-33-20	10/17/2012	832	-0.38	-0.33	0.0	0.0	11.0	13.4	0.4	2.2	0.0	2.2	
VMP-33-20	11/20/2012	920	-0.42	-0.28	0.0	0.0	8.8	15.5	0.6	1.7	0.0	1.7	
VMP-33-20	12/19/2012	1002	-0.39	-0.34	0.0	0.0	9.2	14.5	0.2	0.4	0.0	0.4	
VMP-33-20	1/16/2013	1242	0.04	0.02	0.0	0.0	9.7	12.2	0.2	0.2	0.0	0.2	
VMP-33-20	2/25/2013	912	-0.21	-0.20	0.0	0.0	5.5	17.7	0.2	1.0	0.0	1.0	
VMP-33-20	3/20/2013	856	-0.83	-0.65	0.0	0.0	3.1	19.5	0.2	0.8	0.0	0.8	
VMP-33-20	4/24/2013	1534	-0.67	-0.66	0.0	0.0	2.1	19.9	0.2	2.3	0.0	2.3	
VMP-33-20	5/22/2013	831	-0.54	-0.49	0.0	0.0	2.1	19.4	0.2	0.5	0.0	0.5	
VMP-33-20	6/25/2013	849	-0.52	-0.65	0.0	0.0	1.8	19.2	0.5	0.3	0.0	0.3	
VMP-33-30	2/15/2012	1605	-0.24	-0.60	OVR	OVR	7.3	1.6	89.7	200000	137000	63000	
VMP-33-30	2/16/2012	1326	-0.48	-0.56	OVR	OVR	7.4	1.7	101	188000	155000	33000	
VMP-33-30	2/17/2012	1019	-0.30	-0.34	OVR	OVR	7.3	1.3	106	249000	118000	131000	
VMP-33-30	2/22/2012	842	0.00	0.15	OVR	OVR	7.5	1.4	86.3	219000	141000	78000	
VMP-33-30	2/29/2012	844	-0.04	-0.06	OVR	OVR	7.4	1.4	111	136000	106000	30000	
VMP-33-30	3/21/2012	840	-1.00	-0.80	74.6	OVR	7.3	1.7	110	114000	89500	24500	
VMP-33-30	4/18/2012	1050	-0.21	-0.11	36.7	OVR	7.7	1.0	111	50900	40700	10200	
VMP-33-30	5/16/2012	1028	-0.56	-0.56	7.3	OVR	9.2	0.8	73.6	24200	20000	4200	
VMP-33-30	6/20/2012	1055	-0.30	-0.35	3.6	73.0	9.8	0.1	34.3	14100	11940	2160	
VMP-33-30	7/18/2012	1114	-0.31	-0.20	2.5	50.0	10.5	1.4	30.7	11900	9910	1990	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-33-30	8/15/2012	929	-0.32	-0.31	2.0	21.0	10.8	2.1	36.0	9100	7400	1700	
VMP-33-30	9/19/2012	1256	-0.24	-0.15	1.2	24.0	12.2	1.0	31.3	5900	4700	1200	
VMP-33-30	10/17/2012	833	-0.48	-0.40	0.7	15.0	10.9	1.6	19.0	4400	3240	1160	
VMP-33-30	11/20/2012	924	-0.54	-0.36	0.2	5.0	10.5	1.3	18.0	2460	2100	360	
VMP-33-30	12/19/2012	1003	-0.52	-0.46	0.0	1.0	14.4	1.6	3.9	735	680	55.0	
VMP-33-30	1/16/2013	1247	0.05	0.07	0.0	0.0	14.9	2.8	1.7	550	460	90.0	
VMP-33-30	2/25/2013	916	-0.26	-0.26	0.0	0.0	13.6	5.7	1.0	41.7	17.3	24.4	
VMP-33-30	3/20/2013	900	0.00	-0.84	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during sampling.
VMP-33-30	4/24/2013	1536	-0.82	-0.81	0.0	0.0	9.7	11.3	0.6	2.1	0.0	2.1	
VMP-33-30	5/22/2013	832	-0.65	-0.61	0.0	0.0	9.1	11.6	0.6	1.8	0.0	1.8	
VMP-33-30	6/25/2013	855	-0.62	-0.79	0.0	0.0	7.8	12.2	1.5	4.0	0.0	4.0	
VMP-34-10	2/15/2012	1615	-0.40	-0.38	OVR	OVR	9.2	1.3	49.4	315000	271000	44000	
VMP-34-10	2/16/2012	1347	-0.86	-0.97	23.4	OVR	7.8	5.8	36.6	69300	66100	3200	
VMP-34-10	2/17/2012	1054	-0.60	-0.50	19.0	OVR	9.7	2.0	31.8	68900	68000	900	
VMP-34-10	2/20/2012	1057	-0.49	-0.37	9.5	OVR	8.7	3.9	17.6	66900	59800	7100	
VMP-34-10	2/21/2012	1018	-1.03	-1.06	48.7	OVR	8.9	3.9	38.2	211000	105000	106000	
VMP-34-10	2/22/2012	908	0.00	0.06	OVR	OVR	9.1	1.7	50.4	199000	199000	0.0	
VMP-34-10	2/29/2012	922	-0.45	-0.50	OVR	OVR	8.9	1.4	46.2	367000	268000	99000	
VMP-34-10	3/21/2012	915	-0.54	-0.49	OVR	OVR	7.8	4.2	30.0	212000	210000	2000	
VMP-34-10	4/18/2012	1032	-0.36	-0.33	12.8	OVR	5.9	6.0	11.5	74000	64000	10000	
VMP-34-10	5/16/2012	1044	-0.69	-0.68	3.1	64.0	2.6	16.0	11.0	24300	20400	3900	
VMP-34-10	6/20/2012	859	-0.60	-0.43	0.8	17.0	1.9	18.9	4.8	2300	1170	1130	
VMP-34-10	7/18/2012	933	-0.48	-0.49	0.3	6.0	2.0	18.0	8.3	2730	2600	130	
VMP-34-10	8/15/2012	902	-0.46	-0.47	0.0	0.0	0.3	20.7	2.0	75.0	6.3	68.7	
VMP-34-10	9/19/2012	1207	-0.55	-0.49	0.0	0.0	1.8	17.0	1.8	5.0	0.0	5.0	
VMP-34-10	10/17/2012	907	-0.61	-0.58	0.0	0.0	2.8	14.8	0.4	7.9	7.9	0.0	
VMP-34-10	11/20/2012	929	-0.66	-0.50	0.0	0.0	2.9	14.5	0.4	6.6	6.4	0.2	
VMP-34-10	12/19/2012	1042	-0.63	-0.44	0.0	0.0	2.2	15.8	0.6	3.4	0.0	3.4	
VMP-34-10	1/16/2013	923	-0.33	-0.05	0.0	0.0	3.5	12.2	1.3	5.0	0.0	5.0	
VMP-34-10	2/25/2013	943	-0.45	-0.35	0.0	0.0	3.2	13.3	0.2	4.1	0.0	4.1	
VMP-34-10	3/20/2013	933	-1.42	-0.28	0.0	0.0	0.8	19.0	0.3	1.9	0.0	1.9	
VMP-34-10	4/24/2013	1546	-1.28	-1.27	0.0	0.0	1.2	18.3	0.5	1.2	0.0	1.2	
VMP-34-10	5/22/2013	915	-1.16	-1.09	0.0	0.0	0.2	20.6	0.5	0.4	0.0	0.4	
VMP-34-10	6/25/2013	936	-1.00	-0.98	0.0	0.0	0.8	19.0	0.5	2.0	0.0	2.0	
VMP-34-20	2/15/2012	1620	-0.36	-0.30	OVR	OVR	7.9	1.4	53.9	1000000	704000	296000	
VMP-34-20	2/16/2012	1348	-0.91	-1.02	OVR	OVR	7.2	2.8	56.2	1000000	946000	54000	
VMP-34-20	2/17/2012	1054	-0.57	-0.47	OVR	OVR	7.8	1.3	60.5	1000000	1000000	0.0	
VMP-34-20	2/20/2012	1102	-0.51	-0.39	OVR	OVR	7.6	1.9	59.1	1000000	925000	75000	
VMP-34-20	2/21/2012	1019	-1.21	-1.28	OVR	OVR	7.6	1.3	60.3	1000000	1000000	0.0	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-34-20	2/22/2012	909	0.13	0.22	OVR	OVR	8.1	0.9	49.2	1000000	820000	180000	
VMP-34-20	2/29/2012	923	-0.49	-0.50	OVR	OVR	7.5	1.2	51.2	1000000	833000	167000	
VMP-34-20	3/21/2012	915	-0.68	-0.59	OVR	OVR	7.0	0.7	46.5	1000000	1000000	0.0	
VMP-34-20	4/18/2012	1032	-0.36	-0.34	OVR	OVR	6.0	1.2	47.5	1000000	1000000	0.0	
VMP-34-20	5/16/2012	1045	-0.88	-0.88	OVR	OVR	6.4	1.3	52.1	1000000	1000000	0.0	
VMP-34-20	6/20/2012	900	-0.78	-0.58	OVR	OVR	7.2	0.9	72.0	1000000	1000000	0.0	
VMP-34-20	7/18/2012	934	-0.65	-0.64	OVR	OVR	8.2	1.4	42.2	1000000	420000	580000	
VMP-34-20	8/15/2012	903	-0.60	-0.60	OVR	OVR	9.6	2.5	91.2	180000	152000	28000	
VMP-34-20	9/19/2012	1208	-0.61	-0.57	OVR	OVR	10.1	2.0	94.6	179000	152000	27000	
VMP-34-20	10/17/2012	908	-0.70	-0.65	OVR	OVR	7.1	1.9	65.2	1000000	650000	350000	
VMP-34-20	11/20/2012	933	-0.83	-0.62	OVR	OVR	10.8	1.1	158	159000	135000	24000	
VMP-34-20	12/19/2012	1043	-0.79	-0.53	OVR	OVR	11.3	0.8	142	105000	81200	23800	
VMP-34-20	1/16/2013	928	-0.42	0.00	OVR	OVR	10.7	0.7	121	395000	191000	204000	
VMP-34-20	2/25/2013	947	-0.49	-0.37	OVR	OVR	9.9	1.4	107	617000	164000	453000	
VMP-34-20	3/20/2013	937	-1.71	-0.35	OVR	OVR	9.7	1.3	93.8	260000	154000	106000	
VMP-34-20	4/24/2013	1550	-1.43	-1.47	OVR	OVR	9.9	0.9	140	851000	277000	574000	
VMP-34-20	5/22/2013	916	-1.38	-1.31	OVR	OVR	8.0	3.4	119	615000	256000	359000	
VMP-34-20	6/25/2013	941	-1.14	-1.10	OVR	OVR	9.5	1.0	122	476000	342000	134000	
VMP-34-30	2/15/2012	1625	-0.27	-0.30	OVR	OVR	7.2	1.5	51.4	1000000	561000	439000	
VMP-34-30	2/16/2012	1349	-0.95	-1.03	OVR	OVR	7.0	2.2	59.6	1000000	878000	122000	
VMP-34-30	2/17/2012	1054	-0.59	-0.45	OVR	OVR	7.2	1.4	62.6	1000000	800000	200000	
VMP-34-30	2/20/2012	1103	-0.53	-0.42	OVR	OVR	7.2	1.8	60.8	1000000	936000	64000	
VMP-34-30	2/21/2012	1020	-1.26	-1.33	OVR	OVR	7.1	1.4	62.0	1000000	1000000	0.0	
VMP-34-30	2/22/2012	910	0.15	0.23	OVR	OVR	7.3	1.0	50.7	1000000	669000	331000	
VMP-34-30	2/29/2012	924	-0.49	-0.53	OVR	OVR	6.9	1.2	53.1	1000000	881000	119000	
VMP-34-30	3/21/2012	916	-0.68	-0.64	OVR	OVR	6.5	0.6	51.6	1000000	1000000	0.0	
VMP-34-30	4/18/2012	1032	-0.38	-0.35	OVR	OVR	5.7	0.9	52.0	1000000	1000000	0.0	
VMP-34-30	5/16/2012	1046	-0.93	-0.96	OVR	OVR	5.4	1.5	56.1	1000000	1000000	0.0	
VMP-34-30	6/20/2012	901	-0.84	-0.62	OVR	OVR	5.3	1.3	78.0	1000000	1000000	0.0	
VMP-34-30	7/18/2012	935	-0.70	-0.70	OVR	OVR	5.2	1.5	37.3	1000000	1000000	0.0	
VMP-34-30	8/15/2012	903	-0.66	-0.67	OVR	OVR	6.0	1.5	70.0	838000	664000	174000	
VMP-34-30	9/19/2012	1210	-0.65	-0.62	OVR	OVR	6.7	1.5	82.6	1000000	536000	464000	
VMP-34-30	10/17/2012	909	-0.70	-0.64	OVR	OVR	9.6	1.7	84.6	775000	371000	404000	
VMP-34-30	11/20/2012	937	-0.90	-0.68	OVR	OVR	7.9	1.3	108	1000000	804000	196000	
VMP-34-30	12/19/2012	1044	-0.80	-0.59	OVR	OVR	8.7	1.2	118	1000000	765000	235000	
VMP-34-30	1/16/2013	933	-0.44	0.03	OVR	OVR	9.0	0.9	88.6	1000000	610000	390000	
VMP-34-30	2/25/2013	951	-0.50	-0.37	OVR	OVR	8.9	1.3	87.3	1000000	485000	515000	
VMP-34-30	3/20/2013	941	-1.81	-0.38	OVR	OVR	8.9	1.2	70.1	1000000	855000	145000	
VMP-34-30	4/24/2013	1555	-1.45	NM	OVR	OVR	8.9	1.3	110	1000000	774000	226000	

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Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-34-30	5/22/2013	917	-1.43	-1.37	OVR	OVR	7.7	3.1	105	1000000	772000	228000	
VMP-34-30	6/25/2013	947	-1.19	-1.16	OVR	OVR	8.3	0.9	89.2	1000000	540000	460000	
VMP-35-10	2/1/2012	1521	-0.59	-0.02	0.0	0.0	0.2	20.7	4.9	46.6	26.7	19.9	
VMP-35-10	2/2/2012	1031	-0.28	-0.25	0.0	0.0	0.2	21.0	2.4	10.9	3.1	7.9	
VMP-35-10	2/7/2012	840	-0.27	-0.24	0.0	0.0	0.2	20.9	3.5	2.0	0.0	2.0	
VMP-35-10	2/10/2012	1036	-0.15	-0.05	0.0	0.0	0.1	20.8	2.0	15.0	5.5	9.5	
VMP-35-10	2/13/2012	909	-0.13	0.02	0.0	0.0	0.1	20.9	0.3	2.1	0.0	2.1	
VMP-35-10	2/15/2012	1305	-0.27	-0.26	0.0	0.0	0.1	20.9	16.3	88.5	6.7	81.8	
VMP-35-10	2/22/2012	1005	-0.16	-0.10	0.0	0.0	0.3	20.9	0.7	8.8	0.0	8.8	
VMP-35-10	2/29/2012	944	-0.31	-0.31	0.1	3.0	0.3	20.9	53.4	347	32.7	314	
VMP-35-10	3/21/2012	932	-0.32	-0.30	0.0	0.0	0.1	20.9	0.1	10.2	3.9	6.3	
VMP-35-10	4/18/2012	854	-0.35	-0.42	0.0	0.0	0.0	20.9	0.5	5.4	0.0	5.4	
VMP-35-10	5/16/2012	900	-0.48	-0.44	0.0	0.0	0.0	20.8	0.4	3.3	0.0	3.3	
VMP-35-10	6/20/2012	925	-0.37	-0.33	0.0	0.0	0.0	20.9	0.4	6.3	0.0	6.3	
VMP-35-10	7/18/2012	952	-0.38	-0.35	0.0	0.0	0.0	20.9	0.9	8.6	3.4	5.3	
VMP-35-10	8/15/2012	952	-0.37	-0.38	0.0	0.0	0.0	20.9	0.7	5.2	4.7	0.5	
VMP-35-10	9/19/2012	1143	-0.47	-0.45	0.0	0.0	0.0	20.9	0.8	3.3	0.0	3.3	
VMP-35-10	10/17/2012	926	-0.56	-0.55	0.0	0.0	0.0	20.9	0.3	3.2	0.0	3.2	
VMP-35-10	11/20/2012	955	-0.52	-0.40	0.0	0.0	0.0	20.9	0.5	4.8	0.0	4.8	
VMP-35-10	12/19/2012	1051	-0.34	-0.22	0.0	0.0	0.0	20.9	0.6	3.3	0.0	3.3	
VMP-35-10	1/16/2013	947	-0.30	-0.13	0.0	0.0	0.0	20.9	0.3	3.5	0.0	3.5	
VMP-35-10	2/25/2013	1007	-0.37	-0.32	0.0	0.0	0.0	20.9	0.3	3.5	0.0	3.5	
VMP-35-10	3/20/2013	948	-0.97	-0.19	0.0	0.0	0.0	20.8	0.8	3.9	0.0	3.9	
VMP-35-10	4/25/2013	917	-1.02	-0.98	0.0	0.0	0	20.9	0.3	2.2	0.0	2.2	
VMP-35-10	5/22/2013	938	-0.92	-0.89	0.0	0.0	0	20.9	0.6	1.5	0.0	1.5	
VMP-35-10	6/25/2013	958	-0.80	-0.73	0.0	0.0	0	20.9	0.5	3.6	0.0	3.6	
VMP-35-20	2/1/2012	1522	-0.36	-0.09	OVR	OVR	7.7	2.2	140	230000	155000	75000	
VMP-35-20	2/2/2012	1032	-0.88	-0.76	OVR	OVR	6.7	6.2	106	166000	125000	41000	
VMP-35-20	2/7/2012	840	-0.83	-0.70	OVR	OVR	7.4	5.1	102	174000	155000	19000	
VMP-35-20	2/10/2012	1037	-0.59	-0.02	OVR	OVR	6.9	5.0	117	189000	136000	53000	
VMP-35-20	2/13/2012	910	-0.57	-0.05	OVR	OVR	6.8	4.8	107	255000	161000	94000	
VMP-35-20	2/15/2012	1306	-0.71	-0.65	OVR	OVR	6.5	2.6	110	736000	266000	470000	
VMP-35-20	2/22/2012	1006	-0.42	-0.29	OVR	OVR	8.1	1.7	144	800000	205000	595000	
VMP-35-20	2/29/2012	945	-0.80	-0.80	OVR	OVR	7.4	4.8	136	233000	123000	110000	
VMP-35-20	3/21/2012	932	-0.85	-0.80	33.4	OVR	4.2	10.3	51.1	137000	113000	24000	
VMP-35-20	4/18/2012	854	-0.98	-1.07	20.5	OVR	3.5	11.2	100	31600	24900	6700	
VMP-35-20	5/16/2012	921	-1.32	-1.26	20.7	OVR	2.0	15.6	180	17600	11200	6400	
VMP-35-20	6/20/2012	926	-1.08	-0.95	2.5	50.0	1.0	18.2	86.0	2840	2600	240	
VMP-35-20	7/18/2012	953	-1.08	-1.03	0.9	19.0	1.0	18.4	53.6	3534	2039	1495	

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Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-35-20	8/15/2012	953	-1.01	-1.10	9.0	OVR	1.8	17.0	252	7030	2790	4240	
VMP-35-20	9/19/2012	1145	-1.38	-1.33	6.7	OVR	1.6	17.7	307	5800	1500	4300	
VMP-35-20	10/17/2012	927	-1.39	-1.35	20.7	OVR	4.0	14.1	383	6100	1600	4500	
VMP-35-20	11/20/2012	959	-1.34	-1.08	1.9	38.0	2.6	16.4	214	1500	635	865	
VMP-35-20	12/19/2012	1055	-0.93	-0.69	1.4	28.0	2.2	17.1	175	1320	510	810	
VMP-35-20	1/16/2013	950	-0.82	-0.37	0.7	14.0	2.8	16.3	106	1820	1100	720	
VMP-35-20	2/25/2013	1011	-0.95	-0.78	1.0	20.0	1.9	17.9	60.1	2470	1440	1030	
VMP-35-20	3/20/2013	952	-2.33	-0.48	0.0	1.0	0.4	20.5	14.9	260	162	98.0	
VMP-35-20	4/25/2013	924	-2.35	-2.27	0.2	4.00	0.5	20	31.3	720	390	330	
VMP-35-20	5/22/2013	939	-2.09	-2.04	0.0	0.0	0.3	20.7	5.0	148	111	37.0	
VMP-35-20	6/25/2013	1004	-1.95	-1.87	0.0	0.0	0.5	20.5	5.1	67.6	42.4	25.2	
VMP-35-30	2/1/2012	1523	-0.33	-0.08	0.0	0.0	0.2	20.9	4.1	40.0	20.6	19.4	
VMP-35-30	2/2/2012	1033	-1.01	-0.88	OVR	OVR	3.7	2.5	38.8	1000000	1000000	0.0	
VMP-35-30	2/7/2012	840	-0.85	-0.75	OVR	OVR	3.8	1.5	35.9	1000000	1000000	0.0	
VMP-35-30	2/10/2012	1037	-0.51	20.10	OVR	OVR	3.5	2.0	39.4	1000000	1000000	0.0	
VMP-35-30	2/13/2012	911	-0.46	0.11	OVR	OVR	3.4	2.0	34.3	1000000	1000000	0.0	
VMP-35-30	2/15/2012	1307	-0.57	-0.53	OVR	OVR	3.6	1.6	41.7	1000000	1000000	0.0	
VMP-35-30	2/22/2012	1007	-0.28	-0.20	OVR	OVR	3.6	2.1	44.0	1000000	1000000	0.0	
VMP-35-30	2/29/2012	946	-0.78	-0.77	OVR	OVR	3.5	1.7	48.2	1000000	1000000	0.0	
VMP-35-30	3/21/2012	932	-0.95	-0.92	OVR	OVR	3.3	0.9	50.5	1000000	1000000	0.0	
VMP-35-30	4/18/2012	854	-1.04	-1.12	OVR	OVR	3.1	0.8	45.0	1000000	1000000	0.0	
VMP-35-30	5/16/2012	922	-1.50	-1.46	OVR	OVR	3.1	1.0	50.0	1000000	1000000	0.0	
VMP-35-30	6/20/2012	927	-1.25	-1.04	OVR	OVR	3.0	0.6	65.0	1000000	1000000	0.0	
VMP-35-30	7/18/2012	954	-1.28	-1.20	OVR	OVR	2.8	1.6	34.5	1000000	1000000	0.0	
VMP-35-30	8/15/2012	953	-1.25	-1.26	OVR	OVR	3.3	2.0	62.0	1000000	1000000	0.0	
VMP-35-30	9/19/2012	1147	-1.60	-1.57	OVR	OVR	3.6	3.1	65.6	1000000	762000	238000	
VMP-35-30	10/17/2012	928	-1.57	-1.49	OVR	OVR	4.5	1.2	52.2	1000000	1000000	0.0	
VMP-35-30	11/20/2012	1003	-1.57	-1.27	OVR	OVR	4.5	2.8	95.0	1000000	419000	581000	
VMP-35-30	12/19/2012	1059	-1.17	-0.84	OVR	OVR	5.4	1.3	96.2	1000000	1000000	0.0	
VMP-35-30	1/16/2013	953	-0.95	-0.46	OVR	OVR	5.8	0.8	66.3	1000000	1000000	0.0	
VMP-35-30	2/25/2013	1015	-1.09	-0.83	OVR	OVR	5.8	1.8	52.1	1000000	770000	230000	
VMP-35-30	3/20/2013	956	-2.67	-0.56	OVR	OVR	6.0	1.6	46.7	1000000	1000000	0.0	
VMP-35-30	4/25/2013	930	-2.64	-2.55	OVR	OVR	6.6	0.4	95.0	1000000	1000000	0.0	
VMP-35-30	5/22/2013	940	-2.30	-2.24	OVR	OVR	5.7	3.3	108	1000000	961000	39000	
VMP-35-30	6/25/2013	1010	-2.16	-2.03	OVR	OVR	5.9	1.0	83.9	1000000	574000	426000	
VMP-36-10	2/1/2012	1649	-0.34	-0.29	0.0	0.0	0.3	20.6	4.7	18.0	0.0	18.0	
VMP-36-10	2/2/2012	917	-0.74	-0.60	0.0	0.0	0.2	20.8	1.7	6.4	0.0	6.4	
VMP-36-10	2/7/2012	1003	-0.41	-0.36	0.0	0.0	0.2	20.9	2.4	7.6	0.0	7.6	
VMP-36-10	2/10/2012	1023	-0.36	-0.01	0.0	0.0	0.1	20.8	1.7	8.3	4.3	4.0	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-36-10	2/13/2012	1049	0.00	-0.10	0.0	0.0	0.2	20.8	0.5	2.5	0.0	2.5	
VMP-36-10	2/15/2012	1222	-0.44	-0.21	0.0	0.0	0.2	20.9	2.6	14.7	4.7	10.0	
VMP-36-10	2/22/2012	804	0.00	- 0.25	0.0	0.0	0.4	20.5	1.4	6.9	3.9	3.0	
VMP-36-10	2/29/2012	1346	-0.06	0.06	0.0	0.0	0.9	20.2	12.5	57.7	0.0	57.7	
VMP-36-10	3/21/2012	1100	-0.24	- 0.23	0.0	0.0	0.3	20.7	2.9	33.9	0.0	33.9	
VMP-36-10	4/18/2012	845	-0.36	-0.11	0.0	0.0	0.1	20.9	0.2	2.2	0.0	2.2	
VMP-36-10	5/16/2012	955	-0.65	-0.64	0.0	0.0	0.2	20.7	0.6	1.0	0.0	1.0	
VMP-36-10	6/20/2012	1036	-0.17	-0.35	0.0	0.0	0.1	20.6	1.0	0.8	0.0	0.8	
VMP-36-10	7/18/2012	1115	-0.20	-0.14	0.0	0.0	0.1	20.8	1.0	5.4	0.0	5.4	
VMP-36-10	8/15/2012	1045	-0.24	-0.21	0.0	0.0	0.2	20.7	1.0	7.2	5.6	1.6	
VMP-36-10	9/19/2012	1004	-0.42	-0.44	0.0	0.0	0.1	20.8	0.6	3.3	0.0	3.3	
VMP-36-10	10/17/2012	1021	-0.50	-0.47	0.0	0.0	0.1	20.8	0.6	4.2	0.0	4.2	
VMP-36-10	11/20/2012	1042	-0.40	-0.38	0.0	0.0	0.1	20.8	0.5	2.8	0.0	2.8	
VMP-36-10	12/19/2012	1005	-0.48	-0.44	0.0	0.0	0.1	20.8	0.7	3.2	0.0	3.2	
VMP-36-10	1/16/2013	1110	-0.16	-0.07	0.0	0.0	0.1	20.8	0.2	2.0	0.0	2.0	
VMP-36-10	2/25/2013	1430	0.18	0.15	0.0	0.0	0.2	19.8	0.4	1.8	0.0	1.8	
VMP-36-10	3/20/2013	1140	-0.18	-0.17	0.0	0.0	0.0	20.9	0.8	2.9	0.0	2.9	
VMP-36-10	4/25/2013	1051	-1.00	-1.01	0.0	0.0	0	20.9	0.2	1.8	0.0	1.8	
VMP-36-10	5/22/2013	1103	-0.85	-0.81	0.0	0.0	0	20.9	0.5	1.5	0.0	1.5	
VMP-36-10	6/25/2013	1021	-0.79	-0.79	0.0	0.0	0.2	20.8	0.3	2.5	0.0	2.5	
VMP-36-20	2/1/2012	1650	-0.53	-0.05	OVR	OVR	8.2	3.6	98.6	1000000	770000	230000	
VMP-36-20	2/2/2012	918	-0.92	-0.57	OVR	OVR	8.7	1.5	80.0	1000000	480000	520000	
VMP-36-20	2/7/2012	1004	-0.68	-0.63	OVR	OVR	8.7	1.3	81.7	919000	558000	361000	
VMP-36-20	2/10/2012	1024	-0.59	-0.54	OVR	OVR	8.2	1.5	74.3	1000000	930000	70000	
VMP-36-20	2/13/2012	1050	-0.20	0.15	OVR	OVR	8.2	1.5	67.6	1000000	931000	69000	
VMP-36-20	2/15/2012	1223	-1.21	0.14	OVR	OVR	8.3	1.2	76.5	1000000	1000000	0.0	
VMP-36-20	2/22/2012	805	-0.60	- 0.26	OVR	OVR	8.6	0.9	81.5	1000000	470000	530000	
VMP-36-20	2/29/2012	1347	-0.35	0.14	OVR	OVR	8.2	1.6	100	1000000	710000	290000	
VMP-36-20	3/21/2012	1101	0.05	0.50	OVR	OVR	8.0	0.6	118	1000000	1000000	0.0	
VMP-36-20	4/18/2012	845	-0.60	-0.19	OVR	OVR	7.4	1.2	142	752000	324000	428000	
VMP-36-20	5/16/2012	955	-1.05	-1.06	OVR	OVR	7.1	2.8	180	735000	217000	518000	
VMP-36-20	6/20/2012	1041	-0.63	-0.56	OVR	OVR	6.7	3.0	189	266000	105000	161000	
VMP-36-20	7/18/2012	1119	-0.37	-0.25	OVR	OVR	5.9	6.5	95.0	416000	123000	293000	
VMP-36-20	8/15/2012	1050	-0.42	-0.36	OVR	OVR	9.5	1.1	149	183000	106000	77000	
VMP-36-20	9/19/2012	1004	-0.78	-0.77	OVR	OVR	8.3	3.4	245	264000	54200	209800	
VMP-36-20	10/17/2012	1022	-0.90	-0.82	OVR	OVR	8.4	1.1	235	253000	37100	215900	
VMP-36-20	11/20/2012	1046	-0.72	-0.68	OVR	OVR	8.5	1.0	349	262000	41400	220600	
VMP-36-20	12/19/2012	1010	-0.84	-0.74	OVR	OVR	9.1	0.9	410	180000	41100	138900	
VMP-36-20	1/16/2013	1115	-0.27	-0.18	OVR	OVR	8.9	1.5	318	153000	37200	115800	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-36-20	2/25/2013	1434	0.13	0.24	OVR	OVR	8.8	1.1	233	106000	29100	76900	
VMP-36-20	3/20/2013	1144	-0.34	-0.32	OVR	OVR	5.9	6.7	387	91600	19700	71900	
VMP-36-20	4/25/2013	1057	-1.69	-1.57	10.9	OVR	3.6	12.2	220	6500	3100	3400	
VMP-36-20	5/22/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-36-20	6/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-36-30	2/1/2012	1651	-0.25	-0.23	OVR	OVR	8.1	1.0	140	1000000	425000	575000	
VMP-36-30	2/2/2012	920	-1.08	-0.87	OVR	OVR	8.0	1.5	130	1000000	472000	528000	
VMP-36-30	2/7/2012	1005	-0.57	-0.49	OVR	OVR	8.2	1.2	131	1000000	521000	479000	
VMP-36-30	2/10/2012	1025	-0.98	-0.35	OVR	OVR	7.6	2.0	122	1000000	1000000	0.0	
VMP-36-30	2/13/2012	1051	-0.36	-0.17	OVR	OVR	6.6	3.0	104	1000000	263000	737000	
VMP-36-30	2/15/2012	1224	-1.61	-0.89	OVR	OVR	6.2	1.6	95.0	1000000	986000	14000	
VMP-36-30	2/22/2012	806	-0.71	- 0.73	OVR	OVR	5.0	1.4	70.3	1000000	1000000	0.0	
VMP-36-30	2/29/2012	1348	-0.19	0.13	OVR	OVR	5.0	1.6	63.9	1000000	785000	215000	
VMP-36-30	3/21/2012	1102	-0.67	- 0.59	OVR	OVR	4.4	0.4	38.9	1000000	1000000	0.0	
VMP-36-30	4/18/2012	845	-1.20	-0.32	OVR	OVR	4.3	1.1	69.0	1000000	1000000	0.0	
VMP-36-30	5/16/2012	955	-1.65	-1.65	OVR	OVR	5.2	1.6	78.2	1000000	1000000	0.0	
VMP-36-30	6/20/2012	1046	-1.34	-1.24	OVR	OVR	4.9	3.0	96.4	1000000	402000	598000	
VMP-36-30	7/18/2012	1123	-1.32	-1.19	OVR	OVR	5.7	1.7	48.4	1000000	675000	325000	
VMP-36-30	8/15/2012	1055	-1.45	-1.38	OVR	OVR	7.1	1.0	103	1000000	373000	627000	
VMP-36-30	9/19/2012	1005	-2.22	-2.17	OVR	OVR	7.8	1.9	144	1000000	402000	598000	
VMP-36-30	10/17/2012	1023	-2.00	-1.90	NM	NM	NM	NM	NM	NM	NM	NM	Pullback during purge. Could not sample.
VMP-36-30	11/20/2012	1050	-1.69	-1.63	OVR	OVR	8.2	0.8	201	648000	311000	337000	
VMP-36-30	12/19/2012	1015	-1.63	-1.57	OVR	OVR	8.5	0.6	185	1000000	333000	667000	
VMP-36-30	1/16/2013	1120	-0.88	-0.77	OVR	OVR	8.3	1.2	142	740000	275000	465000	
VMP-36-30	2/25/2013	1338	-0.24	-0.28	OVR	OVR	8.9	1.3	136	719000	199000	520000	
VMP-36-30	3/20/2013	1148	-0.63	-0.61	OVR	OVR	8.7	1.2	139	890000	240000	650000	
VMP-36-30	4/25/2013	1102	-2.75	-2.63	OVR	OVR	9.4	0.5	240	810000	242000	568000	
VMP-36-30	5/22/2013	1105	-2.63	-2.54	OVR	OVR	9.0	1.4	247	484000	157000	327000	
VMP-36-30	6/25/2013	1025	-2.56	NM	OVR	OVR	8.6	1.8	192	624000	198000	426000	
VMP-37-10	2/2/2012	1348	0.00	-0.24	OVR	OVR	4.8	12.4	270	100000	38700	61300	
VMP-37-10	2/3/2012	857	-0.26	-0.24	OVR	OVR	2.0	17.5	428	44400	20970	23430	
VMP-37-10	2/7/2012	947	-0.31	0.04	38.1	OVR	1.5	18.2	369	21390	14950	6440	
VMP-37-10	2/13/2012	1352	0.12	0.10	OVR	OVR	3.6	10.0	285	84640	48610	36030	
VMP-37-10	2/14/2012	1531	-0.70	-0.57	11.5	OVR	0.8	20.8	458	11300	4860	6440	
VMP-37-10	2/15/2012	1042	-0.65	-0.40	7.1	OVR	0.5	20.3	466	7800	2290	5510	
VMP-37-10	2/22/2012	824	0.00	- 0.08	0.0	0.0	0.2	20.8	27.8	119	8.1	111	
VMP-37-10	2/29/2012	1330	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Stainless Steel Broken and Venting. Could not sample.
VMP-37-10	3/21/2012	1035	-0.25	- 0.14	11.9	OVR	0.9	18.5	404	16200	9000	7200	
VMP-37-10	4/18/2012	917	-0.46	-0.42	4.8	97.0	0.4	20.1	375	6225	2050	4175	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-37-10	5/16/2012	936	-0.55	-0.53	1.4	28.0	0.3	20.3	275	2600	790	1810	
VMP-37-10	6/20/2012	1019	-0.34	-0.40	2.3	48.0	0.3	20.3	307	3261	752	2509	
VMP-37-10	7/18/2012	1053	-0.31	-0.23	1.6	32.0	0.4	19.9	298	3500	1035	2465	
VMP-37-10	8/15/2012	1022	-0.32	-0.30	1.1	23.0	0.3	20.6	238	1440	276	1164	
VMP-37-10	9/19/2012	955	-0.56	-0.42	0.6	12.0	0.1	20.8	153	594	37.7	556	
VMP-37-10	10/17/2012	1002	-0.38	-0.51	0.2	5.0	0.2	20.6	101	418	49.9	368	
VMP-37-10	11/20/2012	1020	-0.46	-0.35	0.2	4.0	0.2	20.7	138	411	47.3	364	
VMP-37-10	12/19/2012	950	-0.42	-0.45	0.2	4.0	0.2	20.5	105	458	67.8	390	
VMP-37-10	1/16/2013	1050	-0.24	-0.11	0.2	5.0	0.2	20.6	160	710	129	581	
VMP-37-10	2/25/2013	1410	-0.08	0.29	1.9	39.0	0.5	19.0	345	2300	580	1720	
VMP-37-10	3/20/2013	1207	-0.80	-0.52	0.0	0.0	0.0	20.9	3.9	11.5	0.0	11.5	
VMP-37-10	4/25/2013	1112	-0.96	-0.79	0.0	0.0	0.3	19.7	4.9	97.5	83.3	14.2	
VMP-37-10	5/22/2013	1045	-0.80	-0.78	0.0	0.0	0	20.9	0.5	1.3	0.0	1.3	
VMP-37-10	6/25/2013	1002	-0.79	-0.73	0.0	0.0	0.4	20.2	10.4	50.8	16.5	34.3	
VMP-37-20	2/2/2012	1349	-0.26	-0.27	OVR	OVR	10.7	2.0	152	790000	300000	490000	
VMP-37-20	2/3/2012	857	-0.43	-0.39	OVR	OVR	10.6	1.5	147	834000	226000	608000	
VMP-37-20	2/7/2012	948	-0.49	-0.37	OVR	OVR	9.9	3.0	152	539000	156000	383000	
VMP-37-20	2/13/2012	1353	-0.06	0.69	OVR	OVR	10.2	2.0	157	651000	232000	419000	
VMP-37-20	2/14/2012	1532	-1.24	-1.10	OVR	OVR	7.4	6.5	193	367000	164000	203000	
VMP-37-20	2/15/2012	1043	-1.18	-0.78	OVR	OVR	7.8	6.0	193	294000	111000	183000	
VMP-37-20	2/22/2012	825	-0.46	- 0.34	OVR	OVR	8.2	3.7	219	238000	156000	82000	
VMP-37-20	2/29/2012	1332	-0.20	-0.22	OVR	OVR	8.9	2.2	235	451000	126000	325000	
VMP-37-20	3/21/2012	1034	-0.51	- 0.36	OVR	OVR	2.7	14.6	305	65700	28000	37700	
VMP-37-20	4/18/2012	918	-0.04	-0.82	OVR	OVR	5.4	4.9	391	135000	46000	89000	
VMP-37-20	5/16/2012	936	-0.70	-1.03	OVR	OVR	6.2	6.2	465	100000	29800	70200	
VMP-37-20	6/20/2012	1028	-0.79	-0.81	OVR	OVR	6.8	5.7	513	68100	20000	48100	
VMP-37-20	7/18/2012	1057	-0.85	-0.72	OVR	OVR	7.4	6.8	204	101000	18600	82400	
VMP-37-20	8/15/2012	1027	-0.89	-0.84	OVR	OVR	8.6	7.0	252	57600	11500	46100	
VMP-37-20	9/19/2012	955	-1.46	-1.27	OVR	OVR	7.1	9.0	438	64800	11400	53400	
VMP-37-20	10/17/2012	1003	-1.13	-1.22	OVR	OVR	5.7	10.2	379	48900	10100	38800	
VMP-37-20	11/20/2012	1022	-1.17	-0.95	OVR	OVR	5.8	8.3	442	71300	9700	61600	
VMP-37-20	12/19/2012	954	-0.96	-0.97	OVR	OVR	6.8	5.7	775	50900	10800	40100	
VMP-37-20	1/16/2013	1055	-0.62	-0.44	OVR	OVR	6.9	5.7	625	47400	7500	39900	
VMP-37-20	2/25/2013	1414	0.14	-0.04	OVR	OVR	8.3	2.5	666	40700	11400	29300	
VMP-37-20	3/20/2013	1213	-1.52	-1.32	OVR	OVR	4.9	10.5	690	17500	2100	15400	
VMP-37-20	4/25/2013	1118	-1.74	-1.64	74.4	OVR	5.7	10.1	792	12000	1100	10900	
VMP-37-20	5/22/2013	1046	-1.69	-1.63	40.7	OVR	4.5	14.1	614	6800	800	6000	
VMP-37-20	6/25/2013	1006	-1.68	-1.65	36.1	OVR	6.1	11.3	596	7600	620	6980	
VMP-37-30	2/2/2012	1349	-0.06	-0.31	OVR	OVR	10.0	1.3	165	920000	212000	708000	

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SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-37-30	2/3/2012	857	-0.46	-0.46	OVR	OVR	10.3	1.0	151	970000	200000	770000	
VMP-37-30	2/7/2012	949	-0.75	-0.42	OVR	OVR	10.1	2.0	136	944000	266000	678000	
VMP-37-30	2/13/2012	1354	-0.45	-0.36	OVR	OVR	10.3	1.0	129	1000000	233000	767000	
VMP-37-30	2/14/2012	1533	-2.15	-1.38	OVR	OVR	9.7	2.0	129	1000000	239000	761000	
VMP-37-30	2/15/2012	1044	-1.45	-1.06	OVR	OVR	9.9	2.0	126	1000000	347000	653000	
VMP-37-30	2/22/2012	826	-0.88	- 0.53	OVR	OVR	9.8	1.2	114	1000000	338000	662000	
VMP-37-30	2/29/2012	1334	-0.04	-0.08	OVR	OVR	9.4	1.1	123	1000000	462000	538000	
VMP-37-30	3/21/2012	1037	-0.16	- 0.49	OVR	OVR	9.3	1.0	142	1000000	1000000	0.0	
VMP-37-30	4/18/2012	919	-0.38	-0.27	OVR	OVR	8.8	1.5	217	205000	130000	75000	
VMP-37-30	5/16/2012	937	-1.39	-1.34	OVR	OVR	9.0	1.3	240	141000	84000	57000	
VMP-37-30	6/20/2012	1028	-1.08	-1.10	OVR	OVR	8.6	1.5	233	71000	36500	34500	
VMP-37-30	7/18/2012	1101	-1.16	-1.03	OVR	OVR	10.1	1.2	212	55000	37500	17500	
VMP-37-30	8/15/2012	1032	-1.22	-1.18	57.3	OVR	12.1	0.8	330	18600	11300	7300	
VMP-37-30	9/19/2012	955	-2.02	-1.82	37.0	OVR	11.8	1.4	446	18400	10100	8300	
VMP-37-30	10/17/2012	1004	-1.62	-1.75	30.6	OVR	11.9	1.2	392	12400	9400	3000	
VMP-37-30	11/20/2012	1024	-1.60	-1.33	22.7	OVR	11.7	1.5	458	9100	5800	3300	
VMP-37-30	12/19/2012	958	-1.28	-1.31	18.7	OVR	12.5	0.9	330	19800	13800	6000	
VMP-37-30	1/16/2013	1100	-0.88	-0.66	8.7	OVR	11.3	3.1	252	12000	8500	3500	
VMP-37-30	2/25/2013	1418	-0.01	-0.19	3.1	62.0	12.2	2.2	205	6200	3900	2300	
VMP-37-30	3/20/2013	1220	-2.04	-1.88	2.0	41.0	10.5	4.9	145	3200	2200	1000	
VMP-37-30	4/25/2013	1124	-2.26	-2.20	2.9	59.0	9.3	5.5	189	6300	5400	900	
VMP-37-30	5/22/2013	1046	-2.25	-2.19	12.8	OVR	11.5	1.7	25.5	72700	70000	2700	
VMP-37-30	6/25/2013	1010	-2.21	-2.18	7.6	OVR	11.6	2.4	46.3	28600	22600	6000	
VMP-38-10	2/2/2012	1409	-0.25	-0.25	6.1	OVR	1.8	18.4	264	4020	794	3226	
VMP-38-10	2/3/2012	923	-0.05	-0.10	45.1	OVR	8.2	1.2	436	21100	11200	9900	
VMP-38-10	2/7/2012	931	-0.32	-0.25	15.2	OVR	5.5	1.8	632	7120	1500	5620	
VMP-38-10	2/15/2012	1014	-0.44	-0.34	5.9	OVR	8.0	4.2	400	3440	1100	2340	
VMP-38-10	2/22/2012	851	0.15	-0.30	3.4	69.0	7.1	6.7	340	2260	125	2135	
VMP-38-10	2/29/2012	918	-0.18	- 0.22	4.7	93.0	8.8	2.8	435	2790	188	2602	
VMP-38-10	3/21/2012	1008	-0.10	- 0.11	0.2	4.0	12.1	1.2	82.5	625	307	318	
VMP-38-10	4/18/2012	944	-0.11	-0.26	0.0	0.0	8.5	10.0	26.8	80.0	25.3	54.7	
VMP-38-10	5/16/2012	919	-0.39	-0.37	0.0	0.0	8.9	8.9	7.3	50.0	24.7	25.3	
VMP-38-10	6/20/2012	1004	-0.20	-0.28	0.0	0.0	11.7	4.9	30.7	121	45.5	75.5	
VMP-38-10	7/18/2012	1034	-0.24	-0.19	0.0	0.0	14.2	2.9	9.1	32.6	14.6	18.0	
VMP-38-10	8/15/2012	1000	-0.26	-0.24	0.0	0.0	13.5	4.0	0.9	25.3	10.0	15.3	
VMP-38-10	9/19/2012	940	-0.39	-0.27	0.0	0.0	9.1	10.0	0.6	2.7	0.0	2.7	
VMP-38-10	10/17/2012	1040	-0.30	-0.35	0.0	0.0	8.9	7.8	0.7	2.3	0.0	2.3	
VMP-38-10	11/20/2012	1045	-0.29	-0.22	0.0	0.0	6.3	11.5	0.2	1.7	0.0	1.7	
VMP-38-10	12/19/2012	934	-0.31	-0.26	0.0	0.0	5.7	13.2	0.6	2.3	0.0	2.3	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-38-10	1/16/2013	1025	-0.26	-0.31	0.0	0.0	3.4	15.4	0.3	1.3	0.0	1.3	
VMP-38-10	2/25/2013	1350	-0.16	-0.05	0.0	0.0	2.9	16.3	0.5	0.4	0.0	0.4	
VMP-38-10	3/20/2013	1139	-0.82	-0.40	0.0	0.0	1.3	19.9	0.7	1.6	0.0	1.6	
VMP-38-10	4/25/2013	1332	-0.38	-0.36	0.0	0.0	1.8	18.6	0.4	0.7	0.0	0.7	
VMP-38-10	5/22/2013	848	-0.53	-0.47	0.0	0.0	3.1	15.7	0.5	0.3	0.0	0.3	
VMP-38-10	6/25/2013	947	-0.44	-0.43	0.0	0.0	5.5	12.8	0.5	1.7	0.0	1.7	
VMP-38-20	2/2/2012	1409	-0.38	-0.14	OVR	OVR	13.5	1.2	254	107000	85500	21500	
VMP-38-20	2/3/2012	923	-0.01	-0.16	OVR	OVR	13.6	1.3	266	160000	76400	83600	
VMP-38-20	2/7/2012	932	-0.50	-0.37	OVR	OVR	12.7	2.8	298	87000	51200	35800	
VMP-38-20	2/15/2012	1015	-0.70	-0.55	OVR	OVR	12.2	1.5	409	65900	27200	38700	
VMP-38-20	2/22/2012	852	-0.15	- 0.11	OVR	OVR	10.6	2.3	500	58400	13700	44700	
VMP-38-20	2/29/2012	922	-0.33	- 0.34	OVR	OVR	8.6	5.4	555	52800	7870	44930	
VMP-38-20	3/21/2012	1009	-0.29	- 0.24	OVR	OVR	10.5	0.6	493	132000	24200	107800	
VMP-38-20	4/18/2012	945	-0.55	-0.41	OVR	OVR	11.9	1.2	616	53000	7300	45700	
VMP-38-20	5/16/2012	915	-0.66	-0.65	OVR	OVR	13.8	0.8	645	46400	5000	41400	
VMP-38-20	6/20/2012	1008	-0.38	-0.49	OVR	OVR	13.7	0.8	737	36000	6000	30000	
VMP-38-20	7/18/2012	1038	-0.45	-0.35	OVR	OVR	12.8	1.0	401	52400	3400	49000	
VMP-38-20	8/15/2012	1010	-0.46	-0.41	OVR	OVR	14.4	1.9	450	19200	4100	15100	
VMP-38-20	9/19/2012	940	-0.72	-0.58	OVR	OVR	16.5	1.8	753	30100	4000	26100	
VMP-38-20	10/17/2012	1041	-0.62	-0.60	OVR	OVR	15.9	0.8	646	24300	3450	20850	
VMP-38-20	11/20/2012	1047	-0.55	-0.44	OVR	OVR	15.9	1.2	772	15500	5400	10100	
VMP-38-20	12/19/2012	938	-0.56	-0.47	60.9	OVR	16.3	0.9	1030	11600	1850	9750	
VMP-38-20	1/16/2013	1030	-0.43	-0.15	54.3	OVR	15.7	1.1	870	11200	2400	8800	
VMP-38-20	2/25/2013	1354	0.02	-0.08	46.7	OVR	15.7	1.1	920	8300	5400	2900	
VMP-38-20	3/20/2013	1148	-0.97	-0.75	5.6	OVR	15.4	1.6	466	2000	650	1350	
VMP-38-20	4/25/2013	1337	-0.53	-0.72	43.2	OVR	15.3	1.2	1200	6800	750	6050	
VMP-38-20	5/22/2013	852	-1.09	-0.94	24.6	OVR	12.8	3.8	1014	2000	395	1605	
VMP-38-20	6/25/2013	951	-0.78	-0.20	14.1	OVR	13.3	3.1	841	3300	425	2875	
VMP-38-30	2/2/2012	1409	-0.10	-0.59	OVR	OVR	13.2	1.5	184	415000	180000	235000	
VMP-38-30	2/3/2012	923	-0.11	-0.31	OVR	OVR	13.3	1.5	173	309000	150000	159000	
VMP-38-30	2/7/2012	933	-0.47	-0.12	OVR	OVR	13.2	1.0	186	204000	113000	91000	
VMP-38-30	2/15/2012	1016	-0.70	-0.56	OVR	OVR	13.8	1.5	218	200000	121000	79000	
VMP-38-30	2/22/2012	853	0.19	0.42	OVR	OVR	13.5	1.2	277	120000	70700	49300	
VMP-38-30	2/29/2012	923	-0.31	- 0.33	OVR	OVR	13.2	1.3	374	169000	68720	100280	
VMP-38-30	3/21/2012	1010	-0.29	0.28	OVR	OVR	12.5	0.8	331	210000	83300	126700	
VMP-38-30	4/18/2012	945	-0.05	-0.33	OVR	OVR	10.5	1.0	461	83500	34400	49100	
VMP-38-30	5/16/2012	915	-0.68	-0.66	0.1	2.0	8.7	9.7	7.0	54.3	30.2	24.1	Well damaged during sampling event.
VMP-38-30	6/20/2012	1012	0.00	-0.74	OVR	OVR	11.0	0.1	763	34300	11200	23100	Well repaired before sampling.
VMP-38-30	7/18/2012	1042	-0.08	-0.21	OVR	OVR	11.4	1.1	515	26000	9600	16400	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-38-30	8/15/2012	1005	-0.42	-0.36	86.3	OVR	12.7	0.9	522	14500	7300	7200	
VMP-38-30	9/19/2012	940	-0.64	-0.49	51.8	OVR	13.0	1.7	746	19000	8800	10200	
VMP-38-30	10/17/2012	1043	-0.60	-0.45	48.7	OVR	13.7	1.0	683	11300	6200	5100	
VMP-38-30	11/20/2012	1049	-0.44	-0.37	38.2	OVR	12.8	1.1	717	8400	4700	3700	
VMP-38-30	12/19/2012	942	-0.51	-0.46	17.1	OVR	15.4	1.2	630	12800	7500	5300	
VMP-38-30	1/16/2013	1035	-0.37	0.07	11.8	OVR	11.9	6.4	534	8660	4900	3760	
VMP-38-30	2/25/2013	1358	0.16	-0.51	16.9	OVR	15.9	1.4	450	11600	6100	5500	
VMP-38-30	3/20/2013	1158	-1.23	-0.91	23.1	OVR	13.0	4.4	810	4200	680	3520	
VMP-38-30	4/25/2013	1343	-0.85	-0.73	51.9	OVR	13	3.9	1120	6600	560	6040	
VMP-38-30	5/22/2013	853	-1.04	-0.98	49.4	OVR	13.1	3.1	1014	2000	550	1450	
VMP-38-30	6/25/2013	955	-0.92	-0.93	24.4	OVR	13.2	3.1	900	3900	350	3550	
VMP-39-10	2/6/2012	1104	-0.30	-0.26	54.5	OVR	11.5	7.2	442	20200	8000	12200	
VMP-39-10	2/7/2012	910	-0.42	-0.32	19.6	OVR	3.2	17.8	557	9460	184	9276	
VMP-39-10	2/8/2012	909	-0.44	-0.43	9.5	OVR	2.1	18.8	557	6530	64.5	6466	
VMP-39-10	2/15/2012	942	-0.29	-0.30	2.9	59.0	2.2	18.4	432	3000	21.0	2979	
VMP-39-10	2/22/2012	913	-0.09	- 0.11	0.7	14.0	2.4	17.4	203	948	34.9	913	
VMP-39-10	2/29/2012	957	-0.24	- 0.21	0.4	8.0	4.9	14.3	161	910	322	588	
VMP-39-10	3/21/2012	948	-0.06	- 0.13	0.9	18.0	11.9	2.8	152	2250	1050	1200	
VMP-39-10	4/18/2012	1012	-0.32	-0.27	0.0	0.0	5.0	15.6	37.4	185	23.5	162	
VMP-39-10	5/16/2012	857	-0.36	-0.41	0.0	0.0	4.8	15.3	19.4	89.4	22.8	66.6	
VMP-39-10	6/20/2012	942	-0.25	-0.30	0.0	0.0	2.7	17.0	11.0	58.0	24.8	33.2	
VMP-39-10	7/18/2012	1017	-0.20	-0.19	0.0	0.0	0.9	19.5	5.0	25.5	10.8	14.7	
VMP-39-10	8/15/2012	930	-0.21	-0.23	0.0	0.0	1.1	19.5	2.7	22.5	15.4	7.1	
VMP-39-10	9/19/2012	907	-0.44	-0.40	0.0	0.0	0.5	20.3	0.8	5.9	5.7	0.2	
VMP-39-10	10/17/2012	945	-0.30	-0.29	0.0	0.0	0.4	20.3	1.0	5.4	4.4	1.0	
VMP-39-10	11/20/2012	1104	-0.29	-0.25	0.0	0.0	0.5	20.3	1.7	8.0	3.7	4.3	
VMP-39-10	12/19/2012	916	-0.68	-0.23	0.0	0.0	0.5	20.0	0.2	3.7	0.0	3.7	
VMP-39-10	1/16/2013	1005	-0.17	-0.05	0.0	0.0	0.4	20.3	0.4	4.6	0.0	4.6	
VMP-39-10	2/25/2013	1335	-0.21	0.01	0.0	0.0	0.5	19.4	0.4	7.0	4.4	2.6	
VMP-39-10	3/20/2013	1117	-0.71	-0.38	0.0	0.0	0.0	20.9	0.5	4.3	0.0	4.3	
VMP-39-10	4/25/2013	1355	-0.42	-0.39	0.0	0.0	1	20	0.8	2.6	0.0	2.6	
VMP-39-10	5/22/2013	918	-0.57	-0.57	0.0	0.0	0.5	20.5	0.5	0.4	0.0	0.4	
VMP-39-10	6/25/2013	934	-0.50	-0.51	0.0	0.0	2.1	18.6	0.4	4.1	0.0	4.1	
VMP-39-20	2/6/2012	1105	-0.28	-0.36	OVR	OVR	14.3	1.2	186	189000	189000	0.0	
VMP-39-20	2/7/2012	911	-0.62	-0.46	OVR	OVR	12.9	3.8	179	103000	101000	2000	
VMP-39-20	2/8/2012	910	-0.60	-0.66	OVR	OVR	14.5	1.6	200	169000	100000	69000	
VMP-39-20	2/15/2012	943	-0.42	-0.47	27.9	OVR	4.9	12.8	201	32580	22930	9650	
VMP-39-20	2/22/2012	914	-0.09	- 0.14	OVR	OVR	13.8	1.8	365	100000	48800	51200	
VMP-39-20	2/29/2012	958	-0.41	- 0.32	OVR	OVR	12.1	3.6	375	77900	41150	36750	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-39-20	3/21/2012	949	-0.15	- 0.24	OVR	OVR	11.1	4.8	439	78000	18600	59400	
VMP-39-20	4/18/2012	1013	-0.48	-0.41	OVR	OVR	11.8	2.0	520	52000	22000	30000	
VMP-39-20	5/16/2012	857	-0.63	-0.70	OVR	OVR	12.8	1.3	570	56500	21400	35100	
VMP-39-20	6/20/2012	946	-0.46	-0.49	OVR	OVR	12.7	0.9	571	46200	19300	26900	
VMP-39-20	7/18/2012	1021	-0.43	-0.38	OVR	OVR	13.6	1.6	311	66300	11200	55100	
VMP-39-20	8/15/2012	940	-0.45	-0.44	OVR	OVR	15.8	0.5	426	22500	6000	16500	
VMP-39-20	9/19/2012	907	-0.89	-0.80	OVR	OVR	14.5	2.3	688	32400	7200	25200	
VMP-39-20	10/17/2012	946	-0.67	-0.60	OVR	OVR	14.9	1.4	535	31900	7300	24600	
VMP-39-20	11/20/2012	1106	-0.58	-0.50	OVR	OVR	16.1	1.4	638	26300	5400	20900	
VMP-39-20	12/19/2012	920	-0.40	-0.50	OVR	OVR	16.3	1.2	930	14600	5000	9600	
VMP-39-20	1/16/2013	1010	-0.12	-0.07	9.0	OVR	3.5	17.0	545	4040	1000	3040	
VMP-39-20	2/25/2013	1339	-0.02	0.05	82.0	OVR	16.2	1.4	785	12600	6200	6400	
VMP-39-20	3/20/2013	1123	-0.17	-0.05	10.4	OVR	3.3	16.7	510	7400	2700	4700	
VMP-39-20	4/25/2013	1401	-0.58	-0.69	0.6	13.0	7.3	13.1	155	1300	850	450	
VMP-39-20	5/22/2013	919	-0.97	-1.04	9.7	OVR	7.0	14.8	184	10100	9600	500	
VMP-39-20	6/25/2013	938	-0.79	-0.90	1.2	25.0	10.4	12.0	61.5	6400	4800	1600	
VMP-39-30	2/6/2012	1106	-0.44	-0.23	OVR	OVR	15.2	1.0	253	110000	75000	35000	
VMP-39-30	2/7/2012	912	-0.50	-0.33	OVR	OVR	14.6	1.5	245	78000	60050	17950	
VMP-39-30	2/8/2012	911	-0.51	-0.51	OVR	OVR	14.9	1.3	248	111000	63000	48000	
VMP-39-30	2/15/2012	944	-0.29	-0.32	OVR	OVR	14.4	1.5	265	95000	60700	34300	
VMP-39-30	2/22/2012	915	0.00	- 0.04	OVR	OVR	14.7	1.2	379	68900	54200	14700	
VMP-39-30	2/29/2012	959	-0.28	- 0.20	OVR	OVR	13.0	3.4	414	68600	30940	37660	
VMP-39-30	3/21/2012	950	-0.18	- 0.15	OVR	OVR	13.0	0.3	402	186000	66000	120000	
VMP-39-30	4/18/2012	1014	0.00	-0.28	OVR	OVR	12.2	1.5	655	36800	8700	28100	
VMP-39-30	5/16/2012	857	-0.54	-0.60	OVR	OVR	12.9	1.0	818	24400	4200	20200	
VMP-39-30	6/20/2012	951	-0.36	-0.64	OVR	OVR	12.5	1.2	829	24500	6400	18100	
VMP-39-30	7/18/2012	1025	-0.48	-0.48	OVR	OVR	13.0	1.5	542	29900	3900	26000	
VMP-39-30	8/15/2012	945	-0.33	-0.62	OVR	OVR	15.8	0.6	583	15450	6200	9250	
VMP-39-30	9/19/2012	907	-0.71	-0.59	OVR	OVR	16.3	1.4	816	14200	5700	8500	
VMP-39-30	10/17/2012	947	-0.45	-0.40	OVR	OVR	16.4	0.6	758	13000	4200	8800	
VMP-39-30	11/20/2012	1108	-0.42	-0.34	81.4	OVR	17.4	1.2	874	13200	2900	10300	
VMP-39-30	12/19/2012	924	-0.28	-0.38	28.6	OVR	18.5	0.7	880	10300	4100	6200	
VMP-39-30	1/16/2013	1015	-0.23	0.07	29.1	OVR	18.2	0.9	817	11300	4600	6700	
VMP-39-30	2/25/2013	1343	0.06	0.14	32.7	OVR	18.7	0.8	856	6600	3700	2900	
VMP-39-30	3/20/2013	1126	-0.73	-0.45	9.6	OVR	18.8	0.9	629	2900	1250	1650	
VMP-39-30	4/25/2013	1406	-0.56	-0.50	30.3	OVR	17.8	0.9	1150	5900	680	5220	
VMP-39-30	5/22/2013	920	-0.84	-0.82	24.3	OVR	17.6	0.6	860	2400	1800	600	
VMP-39-30	6/25/2013	942	-0.78	-0.56	6.7	OVR	9.5	9.6	602	1880	560	1320	
VMP-40-10	2/6/2012	1047	-0.31	-0.12	0.6	12.0	0.7	20.1	12.2	5080	5080	0.0	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-40-10	2/7/2012	854	-0.49	-0.41	0.0	1.0	0.2	20.9	7.8	237	221	16.1	
VMP-40-10	2/8/2012	848	-0.65	-0.52	0.0	0.0	0.2	20.9	2.0	34.3	14.3	20.0	
VMP-40-10	2/15/2012	920	-0.14	-0.39	0.0	1.0	0.3	20.6	10.6	1306	1264	42.0	
VMP-40-10	2/22/2012	949	0.20	0.13	OVR	OVR	11.8	2.1	15.4	711000	464000	247000	
VMP-40-10	2/29/2012	1030	-0.16	- 0.19	1.4	29.0	0.9	19.7	53.0	13200	18050	-4850	
VMP-40-10	3/6/2012	1009	-0.02	- 0.49	5.6	OVR	2.1	15.7	6.5	38000	12000	26000	Benzene Reading: 0.0 ppm
VMP-40-10	3/7/2012	911	-0.06	- 0.11	0.7	15.0	0.6	20.4	5.6	6320	443	5877	Benzene Reading: 0.0 ppm
VMP-40-10	3/21/2012	904	-0.33	- 0.28	0.1	3.0	0.2	20.6	0.4	1250	1250	0.0	
VMP-40-10	4/18/2012	1045	-0.27	-0.21	0.0	0.0	0.1	20.9	0.5	105	105	0.0	
VMP-40-10	5/16/2012	839	-0.53	-0.52	0.0	0.0	0.1	20.8	0.3	33.0	33.0	0	
VMP-40-10	6/20/2012	924	-0.40	-0.34	0.0	0.0	1.2	20.6	0.6	14.7	14.2	0.5	
VMP-40-10	7/18/2012	1000	-0.33	-0.26	0.0	0.0	0.1	20.6	0.9	8.7	6.5	2.2	
VMP-40-10	8/15/2012	915	-0.37	-0.34	0.0	0.0	0.1	20.8	0.7	7.7	7.4	0.3	
VMP-40-10	9/19/2012	848	-0.74	-0.67	0.0	0.0	0.0	20.8	0.4	2.7	0.0	2.7	
VMP-40-10	10/17/2012	923	-0.56	-0.49	0.0	0.0	0.1	20.9	0.5	3.1	0.0	3.1	
VMP-40-10	11/20/2012	1001	-0.79	-0.61	0.0	0.0	0.0	20.9	0.7	2.5	0.0	2.5	
VMP-40-10	12/19/2012	859	-0.36	-0.46	0.0	0.0	0.1	20.7	0.3	0.9	0.0	0.9	
VMP-40-10	1/16/2013	945	-0.21	-0.03	0.0	0.0	2.5	12.9	0.7	37.2	31.1	6.1	
VMP-40-10	2/25/2013	1320	0.19	0.30	0.1	2.0	6.8	4.5	3.8	935	715	220	
VMP-40-10	3/20/2013	1039	-0.79	-0.85	0.0	0.0	0.0	20.9	0.4	3.6	0.0	3.6	
VMP-40-10	4/25/2013	1415	-0.51	-0.46	0.0	0.0	0.4	20.5	0.4	23.4	22.5	0.9	
VMP-40-10	5/22/2013	1026	-0.67	-0.73	0.0	0.0	0	20.9	0.5	0.4	0.0	0.4	
VMP-40-10	6/25/2013	921	-0.68	-0.47	0.0	0.0	0.8	19.8	0.4	1.2	0.0	1.2	
VMP-40-20	2/6/2012	1048	0.62	0.65	OVR	OVR	12.7	1.3	55.6	1000000	1000000	0.0	
VMP-40-20	2/7/2012	855	-0.44	-0.47	OVR	OVR	12.8	1.2	53.1	749000	666000	83000	
VMP-40-20	2/8/2012	849	0.07	-0.61	OVR	OVR	12.4	1.5	49.5	880000	306000	574000	
VMP-40-20	2/15/2012	921	-0.18	-0.43	OVR	OVR	12.7	1.0	39.5	990000	664000	326000	
VMP-40-20	2/22/2012	950	0.22	0.13	OVR	OVR	12.7	1.4	37.8	843000	598000	245000	
VMP-40-20	2/29/2012	1031	-0.22	- 0.24	OVR	OVR	11.6	2.0	50.1	1000000	727000	273000	
VMP-40-20	3/6/2012	1015	-0.06	-0.27	OVR	OVR	11.2	1.2	46.0	856000	772000	84000	Benzene Reading: 11.2 ppm
VMP-40-20	3/7/2012	912	-0.52	- 0.21	OVR	OVR	12.2	0.9	36.6	993000	610000	383000	Benzene Reading: 8.3 ppm
VMP-40-20	3/21/2012	905	-0.47	- 0.64	OVR	OVR	11.9	0.7	34.7	1000000	1000000	0.0	
VMP-40-20	4/18/2012	1046	-0.32	-0.25	OVR	OVR	10.6	1.5	36.5	1000000	833000	167000	
VMP-40-20	5/16/2012	839	-0.62	-0.63	OVR	OVR	11.4	1.4	33.7	1000000	1000000	0.0	
VMP-40-20	6/20/2012	928	-0.45	-0.39	OVR	OVR	11.4	0.6	41.7	1000000	1000000	0.0	
VMP-40-20	7/18/2012	1008	-0.40	-0.31	OVR	OVR	10.8	1.7	32.4	363000	360000	3000	
VMP-40-20	8/15/2012	920	-0.43	-0.40	OVR	OVR	12.5	0.5	75.4	91700	70000	21700	
VMP-40-20	9/19/2012	849	-0.85	-0.78	OVR	OVR	11.0	1.8	130	160000	102000	58000	
VMP-40-20	10/17/2012	924	-0.64	-0.52	88.0	OVR	11.3	0.5	119	101000	85400	15600	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-40-20	11/20/2012	1003	-0.90	-0.68	84.8	OVR	10.9	0.7	204	76700	68100	8600	
VMP-40-20	12/19/2012	903	-0.42	-0.51	58.0	OVR	11.0	0.9	121	124000	99000	25000	
VMP-40-20	1/16/2013	950	-0.25	0.00	67.2	OVR	11.0	0.9	93.2	122000	93000	29000	
VMP-40-20	2/25/2013	1324	0.21	0.35	78.0	OVR	10.9	1.0	58.0	83000	68300	14700	
VMP-40-20	3/20/2013	1044	-0.95	-0.60	66.9	OVR	11.7	0.8	26.1	176000	147000	29000	
VMP-40-20	4/25/2013	1420	-0.60	-0.55	OVR	OVR	11.4	0.7	42.8	542000	460000	82000	
VMP-40-20	5/22/2013	1027	-0.81	-0.88	OVR	OVR	9.1	4.7	33.0	402000	330000	72000	
VMP-40-20	6/25/2013	925	-0.91	-0.79	OVR	OVR	11.1	1.8	44.2	526000	501000	25000	
VMP-40-30	2/6/2012	1049	-0.05	-0.71	OVR	OVR	13.7	1.0	52.6	1000000	587000	413000	
VMP-40-30	2/7/2012	856	-0.04	-0.44	OVR	OVR	13.8	1.0	48.8	532000	438000	94000	
VMP-40-30	2/8/2012	850	-0.70	-0.60	OVR	OVR	15.5	1.0	47.3	628000	392000	236000	
VMP-40-30	2/15/2012	922	-0.19	-0.62	OVR	OVR	12.7	2.0	38.2	614000	614000	0.0	
VMP-40-30	2/22/2012	951	0.62	0.18	OVR	OVR	13.2	1.0	38.6	934000	624000	310000	
VMP-40-30	2/29/2012	1032	-0.16	- 0.21	OVR	OVR	12.8	1.2	44.8	1000000	838000	162000	
VMP-40-30	3/6/2012	1020	-0.58	0.02	OVR	OVR	12.7	0.9	41.8	1000000	945000	55000	Benzene Reading: 10.5 ppm
VMP-40-30	3/7/2012	913	-0.61	- 0.18	OVR	OVR	13.1	1.2	35.5	1000000	902000	98000	Benzene Reading: 9.8 ppm
VMP-40-30	3/21/2012	906	-0.36	- 0.42	OVR	OVR	12.6	0.4	34.7	1000000	1000000	0.0	
VMP-40-30	4/18/2012	1047	-0.44	-0.85	OVR	OVR	11.6	4.3	35.0	1000000	1000000	0.0	
VMP-40-30	5/16/2012	839	-0.38	-0.66	OVR	OVR	11.4	0.9	25.8	1000000	1000000	0.0	
VMP-40-30	6/20/2012	932	-0.10	-1.04	OVR	OVR	10.7	0.3	32.0	1000000	1000000	0.0	
VMP-40-30	7/18/2012	1004	-0.44	-0.49	OVR	OVR	9.9	1.6	19.4	1000000	1000000	0.0	
VMP-40-30	8/15/2012	925	-0.58	-0.37	OVR	OVR	11.1	0.9	37.0	390000	292000	98000	
VMP-40-30	9/19/2012	849	-0.85	-0.84	OVR	OVR	10.5	1.7	47.4	274000	163000	111000	
VMP-40-30	10/17/2012	925	0.00	-0.52	OVR	OVR	11.1	0.7	52.3	188000	120000	68000	
VMP-40-30	11/20/2012	1005	-0.93	-0.71	61.2	OVR	11.8	0.6	80.8	102000	102000	0.0	
VMP-40-30	12/19/2012	907	-0.46	-0.97	84.4	OVR	10.8	1.7	73.6	204000	160000	44000	
VMP-40-30	1/16/2013	955	-0.26	0.04	OVR	OVR	11.1	1.6	63.5	220000	162000	58000	
VMP-40-30	2/25/2013	1328	0.25	0.55	87.7	OVR	11.5	0.7	36.7	153000	86600	66400	
VMP-40-30	3/20/2013	1057	-0.95	-0.53	OVR	OVR	11.7	1.1	25.5	330000	267000	63000	
VMP-40-30	4/25/2013	1426	-0.54	-0.54	OVR	OVR	11.4	0.8	44.2	1000000	670000	330000	
VMP-40-30	5/22/2013	1028	-0.82	-0.90	OVR	OVR	10.8	1.0	41.0	1000000	1000000	0.0	
VMP-40-30	6/25/2013	929	-0.91	-0.80	OVR	OVR	10.2	1.9	43.4	1000000	1000000	0.0	
VMP-41-10	12/13/2012	1426	-0.01	-0.03	0.0	0.0	2.7	18.2	0.2	0.5	0.0	0.5	Initail sample after Public Works SVE startup.
VMP-41-10	12/19/2012	1312	0.01	-0.02	0.0	0.0	1.9	19.1	0.2	0.1	0.0	0.1	
VMP-41-10	1/16/2013	905	0.00	-0.04	0.0	0.0	0.5	20.7	0.1	1.6	0.0	1.6	
VMP-41-10	2/25/2013	1115	-0.06	-0.07	0.0	0.0	0.2	20.7	0.2	1.5	0.0	1.5	
VMP-41-10	3/20/2013	1350	-0.02	-0.05	0.0	0.0	0.2	20.8	1.3	4.4	0.0	4.4	
VMP-41-10	4/25/2013	1326	0.00	-0.06	0.0	0.0	0.3	20.6	0.4	0.8	0.0	0.8	
VMP-41-10	5/22/2013	1448	-0.16	-0.18	0.0	0.0	0.6	20.3	0.5	0.7	0.0	0.7	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-41-10	6/25/2013	1318	-0.12	-0.09	0.0	0.0	0.6	20.2	0.6	0.2	0.0	0.2	
VMP-41-20	12/13/2012	1438	-0.04	-0.03	0.0	0.0	4.7	15.9	0.1	0.7	0.0	0.7	Initail sample after Public Works SVE startup.
VMP-41-20	12/19/2012	1316	0.00	-0.01	0.0	0.0	3.6	17.6	0.3	0.3	0.0	0.3	
VMP-41-20	1/16/2013	906	0.00	-0.02	0.0	0.0	2.8	18.5	0.1	1.9	0.0	1.9	
VMP-41-20	2/25/2013	1110	-0.07	-0.07	0.0	0.0	0.5	20.5	0.3	1.2	0.0	1.2	
VMP-41-20	3/20/2013	1354	-0.02	-0.08	0.0	0.0	0.3	20.7	0.7	2.0	0.0	2.0	
VMP-41-20	4/25/2013	1334	0.00	-0.06	0.0	0.0	0.3	20.6	0.5	0.7	0.0	0.7	
VMP-41-20	5/22/2013	1449	-0.17	-0.20	0.0	0.0	0.4	20.4	0.7	0.9	0.0	0.9	
VMP-41-20	6/25/2013	1322	-0.13	-0.09	0.0	0.0	0.6	20.3	0.6	0.3	0.0	0.3	
VMP-41-30	12/13/2012	1443	-0.02	-0.03	0.0	0.0	7.0	13.1	0.1	1.0	0.0	1.0	Initail sample after Public Works SVE startup.
VMP-41-30	12/19/2012	1320	-0.02	-0.02	0.0	0.0	5.8	14.8	0.3	0.2	0.0	0.2	
VMP-41-30	1/16/2013	907	0.00	-0.08	0.0	0.0	2.4	19.1	0.2	1.1	0.0	1.1	
VMP-41-30	2/25/2013	1120	-0.07	-0.08	0.0	0.0	1.1	20.0	0.3	1.5	0.0	1.5	
VMP-41-30	3/20/2013	1358	-0.01	-0.08	0.0	0.0	0.9	20.4	0.6	1.4	0.0	1.4	
VMP-41-30	4/25/2013	1339	0.00	-0.06	0.0	0.0	0.6	20.2	0.4	0.8	0.0	0.8	
VMP-41-30	5/22/2013	1450	-0.19	-0.21	0.0	0.0	0.6	20.0	0.7	0.6	0.0	0.6	
VMP-41-30	6/25/2013	1326	-0.13	-0.10	0.0	0.0	0.9	20.3	0.7	0.2	0.0	0.2	
VMP-42-10	2/16/2012	816	-0.16	-0.23	0.0	0.0	6.7	12.8	0.5	3.6	0.0	3.6	
VMP-42-10	2/17/2012	1426	-0.01	-0.01	0.0	0.0	7.0	13.8	0.9	15.1	15.1	0.0	
VMP-42-10	2/20/2012	1402	0.00	3.29	0.0	0.0	6.2	15.3	0.8	10.1	7.7	2.5	
VMP-42-10	2/21/2012	815	-0.08	-0.12	0.0	0.0	5.0	16.9	1.2	7.9	7.9	0	
VMP-42-10	2/22/2012	900	-0.02	- 0.02	0.0	0.0	5.5	16.2	0.7	17.2	14.2	3.0	
VMP-42-10	2/29/2012	944	0.00	0.00	0.0	0.0	4.2	17.8	0.7	2.6	0.0	2.6	
VMP-42-10	3/21/2012	1443	0.00	0.00	0.0	0.0	3.4	18.3	0.5	0.0	0.0	0.0	
VMP-42-10	4/18/2012	1017	-0.04	0.00	0.0	0.0	2.4	18.9	0.2	1.8	0.0	1.8	
VMP-42-10	5/16/2012	932	-0.10	-0.13	0.0	0.0	2.2	19.1	0.3	0.0	0.0	0.0	
VMP-42-10	6/20/2012	1405	-0.05	-0.04	0.0	0.0	2.4	18.7	1.0	2.7	0.0	2.7	
VMP-42-10	7/18/2012	1514	0.00	0.00	0.0	0.0	2.3	18.6	0.6	2.7	0.0	2.7	
VMP-42-10	8/15/2012	1439	0.01	-0.04	0.0	0.0	2.3	19.0	1.1	4.1	0.0	4.1	
VMP-42-10	9/19/2012	942	-0.05	-0.08	0.0	0.0	1.6	19.5	0.5	1.8	0.0	1.8	
VMP-42-10	10/17/2012	827	0.00	-0.09	0.0	0.0	1.0	19.9	0.4	0.7	0.0	0.7	
VMP-42-10	11/20/2012	1527	-0.07	-0.08	0.0	0.0	0.7	20.1	0.2	1.8	0.0	1.8	
VMP-42-10	12/19/2012	1005	-0.11	-0.03	0.0	0.0	0.5	20.4	0.1	0.6	0.0	0.6	
VMP-42-10	1/16/2013	1510	0.00	-0.10	0.0	0.0	0.5	20.5	0.2	0.8	0.0	0.8	
VMP-42-10	2/25/2013	1520	0.08	0.08	0.0	0.0	0.6	20.6	0.2	0.6	0.0	0.6	
VMP-42-10	3/21/2013	1100	-0.10	-0.05	0.0	0.0	0.2	20.8	0.6	1.3	0.0	1.3	
VMP-42-10	4/24/2013	1015	-0.22	-0.18	0.0	0.0	0.3	20.5	0.3	0.3	0.0	0.3	
VMP-42-10	5/23/2013	835	-0.15	-0.19	0.0	0.0	0.7	20.2	0.5	0.6	0.0	0.6	
VMP-42-10	6/26/2013	1135	-0.06	0.00	0.0	0.0	1.0	19.6	0.2	0.8	0.0	0.8	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-42-20	2/16/2012	817	-0.18	-0.73	4.6	93.0	13.5	1.4	96.3	9580	6940	2640	
VMP-42-20	2/17/2012	1426	-0.01	-0.01	43.6	OVR	13.2	1.2	189	29100	15610	13490	
VMP-42-20	2/20/2012	1403	-0.07	-0.20	36.3	OVR	13.6	0.9	190	27370	12140	15230	
VMP-42-20	2/21/2012	816	-0.37	-0.42	1.3	27.0	13.9	1.4	76.6	3040	2030	1010	
VMP-42-20	2/22/2012	900	0.00	- 0.02	12.0	OVR	14.0	1.1	169	14000	5170	8830	
VMP-42-20	2/29/2012	945	-0.26	0.11	1.2	23.0	14.1	1.1	79.2	3100	1360	1740	
VMP-42-20	3/21/2012	1444	-0.12	0.00	0.2	5.0	14.2	0.8	11.5	1100	950	150	
VMP-42-20	4/18/2012	1018	-0.19	-0.10	0.0	0.0	9.4	9.8	0.3	2.2	0.0	2.2	
VMP-42-20	5/16/2012	937	-0.35	-0.37	0.0	0.0	7.5	13.5	0.4	1.0	0.0	1.0	
VMP-42-20	6/20/2012	1410	-0.09	-0.06	0.0	0.0	7.1	13.4	1.0	1.9	0.0	1.9	
VMP-42-20	7/18/2012	1515	-0.01	0.00	0.0	0.0	6.5	14.0	0.5	1.4	0.0	1.4	
VMP-42-20	8/15/2012	1444	-0.03	-0.06	0.0	0.0	6.7	15.3	1.0	2.8	0.0	2.8	
VMP-42-20	9/19/2012	943	-0.34	-0.31	0.0	0.0	5.2	16.6	0.7	0.9	0.0	0.9	
VMP-42-20	10/17/2012	828	-0.26	-0.28	0.0	0.0	4.4	17.4	0.5	0.2	0.0	0.2	
VMP-42-20	11/20/2012	1532	-0.23	-0.28	0.0	0.0	3.5	18.1	0.3	0.2	0.0	0.2	
VMP-42-20	12/19/2012	1010	-0.27	-0.10	0.0	0.0	3.3	18.4	0.2	0.9	0.0	0.9	
VMP-42-20	1/16/2013	1315	0.03	-0.24	0.0	0.0	2.9	18.6	0.2	1.1	0.0	1.1	
VMP-42-20	2/25/2013	1525	0.18	0.03	0.0	0.0	3.6	18.2	0.2	0.8	0.0	0.8	
VMP-42-20	3/21/2013	1104	-0.35	-0.17	0.0	0.0	1.4	20.1	0.2	0.3	0.0	0.3	
VMP-42-20	4/24/2013	1020	-0.63	-0.53	0.0	0.0	1.1	19.7	0.2	0.1	0.0	0.1	
VMP-42-20	5/23/2013	836	-0.56	-0.57	0.0	0.0	1.3	19.1	0.5	0.2	0.0	0.2	
VMP-42-20	6/26/2013	1139	-0.09	0.04	0.0	0.0	1.9	18.7	0.3	0.6	0.0	0.6	
VMP-42-30	2/16/2012	818	-0.66	-1.20	OVR	OVR	11.6	1.9	161	63100	43060	20040	
VMP-42-30	2/17/2012	1426	0.15	NM	NM	NM	NM	NM	NM	NM	NM	NM	Pullback during purge.
VMP-42-30	2/20/2012	1404	-0.23	-0.39	OVR	OVR	11.6	1.2	183	71800	36860	34940	
VMP-42-30	2/21/2012	817	-0.68	-0.73	OVR	OVR	11.7	1.7	188	96700	42600	54100	
VMP-42-30	2/22/2012	900	-0.02	0.05	OVR	OVR	11.9	1.9	161	88630	32020	56610	
VMP-42-30	2/29/2012	946	-0.28	- 0.23	OVR	OVR	12.3	1.4	203	54000	18440	35560	
VMP-42-30	3/21/2012	1445	0.09	0.07	48.0	OVR	12.5	0.9	197	25900	10300	15600	
VMP-42-30	4/18/2012	1019	-0.25	-0.12	9.7	OVR	10.9	1.0	129	8500	4260	4240	
VMP-42-30	5/16/2012	943	-0.58	-0.30	2.6	46.0	10.1	1.4	88.5	2000	1300	700	
VMP-42-30	6/20/2012	1415	-0.09	-0.02	0.7	13.0	10.0	0.1	49.5	1000	0.0	1000	
VMP-42-30	7/18/2012	1516	-0.02	0.00	0.1	3.0	9.1	1.2	33.0	413	255	158	
VMP-42-30	8/15/2012	1448	-0.03	-0.07	0.0	0.0	10.4	1.5	11.9	165	145	20.0	
VMP-42-30	9/19/2012	944	-0.62	-0.56	0.0	0.0	10.1	8.6	3.0	4.7	0.0	4.7	
VMP-42-30	10/17/2012	829	-0.41	-0.42	0.0	0.0	9.5	11.0	2.1	14.5	14.3	0.2	
VMP-42-30	11/20/2012	1534	-0.46	-0.52	0.0	0.0	7.3	14.0	0.7	6.0	4.3	1.8	
VMP-42-30	12/19/2012	1015	-0.54	-0.14	0.0	0.0	7.7	13.9	0.4	3.7	0.0	3.7	
VMP-42-30	1/16/2013	1515	-0.01	-0.39	0.0	0.0	6.8	14.7	0.4	3.7	0.0	3.7	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-42-30	2/25/2013	1530	0.43	0.30	0.0	0.0	6.1	15.7	0.4	1.2	0.0	1.2	
VMP-42-30	3/21/2013	1108	-0.70	-0.26	0.0	0.0	4.3	18.0	0.3	0.5	0.0	0.5	
VMP-42-30	4/24/2013	1025	-1.23	-1.00	0.0	0.0	2.6	19.1	0.3	0.2	0.0	0.2	
VMP-42-30	5/23/2013	837	-1.10	-1.15	0.0	0.0	3.0	18.3	0.5	0.3	0.0	0.3	
VMP-42-30	6/26/2013	1143	-0.06	0.18	0.0	0.0	3.0	17.8	0.3	0.9	0.0	0.9	
VMP-43-10	2/1/2012	1430	-0.95	-0.94	0.0	0.0	0.4	20.5	0.2	1.2	0.0	1.2	
VMP-43-10	2/2/2012	851	1.24	-1.05	0.0	0.0	0.4	20.4	1.0	3.1	0.0	3.1	
VMP-43-10	2/7/2012	901	-1.00	-0.89	0.0	0.0	0.5	20.4	0.2	0.0	0.0	0.0	
VMP-43-10	2/10/2012	856	-0.24	-0.98	0.0	0.0	0.2	20.7	1.4	8.1	6.5	1.6	
VMP-43-10	2/13/2012	811	-0.92	-0.92	0.0	0.0	0.3	20.7	0.7	1.0	0.0	1.0	
VMP-43-10	2/16/2012	754	-1.62	-1.75	0.0	0.0	0.4	20.6	0.9	4.5	0.0	4.5	
VMP-43-10	2/17/2012	847	-1.02	-0.81	0.0	0.0	0.4	20.9	3.0	2.9	0.0	2.9	
VMP-43-10	2/22/2012	1032	-0.02	- 0.66	0.0	0.0	0.4	20.9	0.6	2.5	0.0	2.5	
VMP-43-10	2/29/2012	1046	0.00	- 0.68	0.0	0.0	0.5	20.4	0.8	2.8	0.0	2.8	
VMP-43-10	3/21/2012	1500	-0.35	- 0.33	0.0	0.0	0.9	19.0	0.8	0.0	0.0	0.0	
VMP-43-10	4/18/2012	1101	-0.99	-0.89	0.0	0.0	0.7	19.5	0.6	2.9	0.0	2.9	
VMP-43-10	5/16/2012	1029	-1.09	-1.03	0.0	0.0	1.2	19.6	0.2	3.8	0.0	3.8	
VMP-43-10	6/20/2012	1435	-0.30	-0.30	0.0	0.0	1.6	19.2	0.6	4.0	0.0	4.0	
VMP-43-10	7/18/2012	1502	-0.22	-0.18	0.0	0.0	0.7	19.8	0.8	5.5	3.8	1.6	
VMP-43-10	8/15/2012	1530	-0.85	-0.92	0.0	0.0	0.7	20.1	1.0	4.3	0.0	4.3	
VMP-43-10	9/19/2012	1137	-1.56	-1.56	0.0	0.0	0.0	20.9	1.3	3.5	0.0	3.5	
VMP-43-10	10/17/2012	853	-0.14	-0.67	0.0	0.0	0.5	19.9	0.4	1.5	0.0	1.5	
VMP-43-10	11/20/2012	1315	-0.50	-0.55	0.0	0.0	0.3	20.6	0.3	1.3	0.0	1.3	
VMP-43-10	12/19/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Construction equipment parked on well. Could not access.
VMP-43-10	1/16/2013	1620	-0.72	-0.52	0.0	0.0	0.5	20.4	0.1	2.0	0.0	2.0	
VMP-43-10	2/25/2013	1435	-0.66	-0.63	0.0	0.0	0.1	20.8	0.3	1.2	0.0	1.2	
VMP-43-10	3/21/2013	925	-2.12	-2.60	0.0	0.0	0.1	20.9	0.3	1.4	0.0	1.4	
VMP-43-10	4/24/2013	1345	-2.53	-2.08	0.0	0.0	0.3	20.7	0.4	0.7	0.0	0.7	
VMP-43-10	5/23/2013	1407	-1.75	-2.36	0.0	0.0	0.7	20.2	0.3	0.7	0.0	0.7	
VMP-43-10	6/26/2013	1443	-0.90	-0.19	0.0	0.0	0.6	19.9	0.5	3.1	0.0	3.1	
VMP-43-20	2/1/2012	1438	-1.28	-1.06	OVR	OVR	10.3	1.6	161	442000	115000	327000	
VMP-43-20	2/2/2012	859	-1.64	-1.35	OVR	OVR	10.0	1.1	115	1000000	385000	615000	
VMP-43-20	2/7/2012	902	-1.30	-1.18	OVR	OVR	9.2	2.0	96.4	1000000	739000	261000	
VMP-43-20	2/10/2012	857	-0.33	-3.32	OVR	OVR	6.3	6.0	87.6	659000	469000	190000	
VMP-43-20	2/13/2012	812	-1.33	-1.28	0.3	6.0	5.1	15.2	29.6	1513	78.3	1435	
VMP-43-20	2/16/2012	755	-2.25	-4.57	0.0	1.0	5.0	16.1	18.2	392	259	133	
VMP-43-20	2/17/2012	848	-6.27	-1.27	0.1	3.0	4.8	16.3	22.5	305	176	129	
VMP-43-20	2/22/2012	1033	-0.66	- 0.87	0.1	2.0	4.5	16.7	22.9	368	191	178	
VMP-43-20	2/29/2012	1048	-0.07	- 0.93	0.5	11.0	4.9	15.5	77.3	1375	547	828	

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SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-43-20	3/21/2012	1501	-0.35	- 0.30	0.1	2.0	5.1	14.4	19.8	315	29.2	286	
VMP-43-20	4/18/2012	1102	-1.05	-0.90	0.0	0.0	3.8	16.0	10.9	127	54.0	73.0	
VMP-43-20	5/16/2012	1033	-1.33	-1.28	0.0	0.0	3.2	17.0	14.6	115	53.5	61.5	
VMP-43-20	6/20/2012	1440	-0.43	-0.43	0.0	0.0	3.5	16.6	8.8	36.4	13.5	22.9	
VMP-43-20	7/18/2012	1503	-0.20	-0.19	0.0	0.0	2.8	17.5	5.1	35.4	17.8	17.7	
VMP-43-20	8/15/2012	1535	-0.82	-1.01	0.0	0.0	3.0	18.3	3.0	24.5	13.7	10.8	
VMP-43-20	9/19/2012	1138	-1.78	-1.70	0.0	0.0	2.5	18.3	3.5	26.5	20.2	6.3	
VMP-43-20	10/17/2012	853	-1.03	-0.33	0.0	0.0	2.3	18.5	0.9	7.6	5.2	2.4	
VMP-43-20	11/20/2012	1319	-0.77	-0.84	0.0	0.0	2.3	18.3	1.0	11.7	8.3	3.4	
VMP-43-20	12/19/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Construction equipment parked on well. Could not access.
VMP-43-20	1/16/2013	1625	-0.74	-0.71	0.0	0.0	3.0	17.6	0.4	19.9	15.1	4.8	
VMP-43-20	2/25/2013	1440	-0.55	-0.51	0.0	0.0	2.5	18.2	0.6	16.4	14.5	1.9	
VMP-43-20	3/21/2013	929	-2.29	-2.07	0.0	0.0	1.7	19.4	0.4	12.0	10.9	1.1	
VMP-43-20	4/24/2013	1350	-2.45	-3.08	0.0	0.0	1.4	19.4	0.6	9.1	8.1	1.1	
VMP-43-20	5/23/2013	1408	-2.01	-2.86	0.0	0.0	2.4	18.5	0.6	10.3	9.1	1.2	
VMP-43-20	6/26/2013	1447	-1.28	-1.55	0.0	0.0	2.7	17.2	0.7	11.9	11.1	0.8	
VMP-43-30	2/1/2012	1445	-0.96	-0.73	OVR	OVR	8.5	1.0	98.2	1000000	1000000	0.0	
VMP-43-30	2/2/2012	904	-1.26	-1.08	OVR	OVR	8.3	2.0	88.0	1000000	320000	680000	
VMP-43-30	2/7/2012	903	-1.05	-0.92	OVR	OVR	7.7	6.2	113	850000	272000	578000	
VMP-43-30	2/10/2012	858	-0.27	-1.14	3.3	65.0	2.8	16.8	43.7	16100	16000	100	
VMP-43-30	2/13/2012	813	-1.09	-1.03	OVR	OVR	9.6	1.3	155	269000	107000	162000	
VMP-43-30	2/16/2012	756	-2.12	-4.20	OVR	OVR	10.7	1.4	234	80600	43130	37470	
VMP-43-30	2/17/2012	849	-13.12	-0.98	38.7	OVR	10.3	1.7	236	25830	21550	4280	
VMP-43-30	2/22/2012	1033	-0.85	- 0.64	0.5	11.0	10.0	5.4	62.8	2330	2100	230	
VMP-43-30	2/29/2012	1047	-0.32	- 0.76	0.0	1.0	8.2	9.1	43.2	922	475	446	
VMP-43-30	3/21/2012	1502	-0.40	- 0.45	0.2	4.0	9.3	7.5	52.4	108	0.0	108	
VMP-43-30	4/18/2012	1103	-1.26	-0.42	0.0	0.0	4.1	15.3	2.6	24.3	5.1	19.2	
VMP-43-30	5/16/2012	1038	-1.50	-1.46	0.0	0.0	2.6	17.7	4.0	14.6	5.8	8.8	
VMP-43-30	6/20/2012	1445	-0.44	-0.44	0.0	0.0	2.7	17.6	3.3	3.0	0.0	3.0	
VMP-43-30	7/18/2012	1504	-0.29	-0.25	0.0	0.0	2.1	18.3	1.0	10.0	7.6	2.4	
VMP-43-30	8/15/2012	1540	-1.20	-1.28	0.0	0.0	2.3	18.7	0.7	9.1	7.3	1.8	
VMP-43-30	9/19/2012	1139	-2.26	-2.12	0.0	0.0	1.5	19.5	0.8	4.8	0.0	4.8	
VMP-43-30	10/17/2012	853	-0.96	-1.01	0.0	0.0	0.5	19.9	0.3	1.1	0.0	1.1	
VMP-43-30	11/20/2012	1323	-0.77	-0.84	0.0	0.0	1.9	18.4	0.2	1.2	0.0	1.2	
VMP-43-30	12/19/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Construction equipment parked on well. Could not access.
VMP-43-30	1/16/2013	1630	-0.75	-0.72	0.0	0.0	2.4	17.8	0.3	7.7	3.6	4.1	
VMP-43-30	2/25/2013	1445	-0.81	-0.84	0.0	0.0	2.1	18.1	0.3	4.6	0.0	4.6	
VMP-43-30	3/21/2013	933	-2.83	-2.53	0.0	0.0	2.6	17.9	0.3	9.1	8.2	0.9	
VMP-43-30	4/24/2013	1355	-2.95	-3.08	0.0	0.0	2.5	17.9	0.4	4.0	0.0	4.0	

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SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-43-30	5/23/2013	1409	-3.15	-3.43	0.0	0.0	3.0	18.0	0.3	1.7	0.0	1.7	
VMP-43-30	6/26/2013	1451	-1.15	-0.95	0.0	0.0	2.7	17.3	0.4	2.5	0.0	2.5	
VMP-44-10	2/2/2012	1456	-0.02	-0.09	OVR	OVR	10.2	1.0	562	49000	20000	29000	
VMP-44-10	2/3/2012	909	-0.29	0.11	79.7	OVR	9.9	1.0	494	29600	11200	18400	
VMP-44-10	2/7/2012	1109	0.25	-0.05	80.8	OVR	9.6	1.5	528	26600	11000	15600	
VMP-44-10	2/13/2012	1446	-0.24	-0.22	63.5	OVR	9.6	1.3	522	24900	11290	13610	
VMP-44-10	2/14/2012	1622	-0.12	-0.12	30.8	OVR	7.1	6.7	534	14400	3550	10850	
VMP-44-10	2/15/2012	1431	-0.11	-0.36	79.0	OVR	7.5	3.0	715	18100	5450	12650	
VMP-44-10	2/22/2012	911	-0.15	0.00	44.7	OVR	7.9	2.5	674	13100	3740	9360	
VMP-44-10	2/29/2012	1405	0.24	- 0.32	76.0	OVR	9.1	1.4	753	17930	2300	15630	
VMP-44-10	3/21/2012	827	-0.42	- 0.07	30.6	OVR	8.1	4.7	643	10400	545	9855	
VMP-44-10	4/18/2012	837	-0.11	-0.10	19.1	OVR	8.5	7.3	561	7000	2850	4150	
VMP-44-10	5/16/2012	1325	-0.11	-0.10	12.7	OVR	9.6	7.3	625	4500	159	4341	
VMP-44-10	6/20/2012	1359	-0.02	-0.05	28.0	OVR	14.2	1.9	704	4900	477	4423	
VMP-44-10	7/18/2012	1428	0.00	-0.10	35.7	OVR	16.1	1.7	654	9240	350	8890	
VMP-44-10	8/15/2012	1100	-0.07	-0.05	34.0	OVR	14.9	3.0	488	6600	1080	5520	
VMP-44-10	9/19/2012	1511	-0.07	-0.06	7.1	OVR	8.0	9.8	510	2200	160	2040	
VMP-44-10	10/17/2012	953	-0.13	-0.08	3.8	76.0	9.6	5.9	435	1540	231	1309	
VMP-44-10	11/20/2012	910	-0.02	-0.04	0.7	16.0	8.2	7.8	233	653	71.6	581	
VMP-44-10	12/19/2012	838	-0.10	-0.11	0.0	0.0	1.3	18.7	4.8	28.3	5.5	22.8	
VMP-44-10	1/16/2013	1313	-0.01	0.00	0.2	5.0	4.3	12.3	110	310	12.7	297	Resampled and confirmed.
VMP-44-10	2/25/2013	1055	-0.01	-0.02	0.2	4.0	4.2	12.6	35.0	262	13.0	249	
VMP-44-10	3/21/2013	1019	-0.29	-0.72	0.0	0.0	0.0	20.9	0.4	2.0	0.0	2.0	Result is suspect.
VMP-44-10	4/24/2013	1418	-0.09	-0.10	0.0	0.0	1.8	18.1	27.5	107	24.9	82.1	
VMP-44-10	5/23/2013	1359	-0.05	-0.06	0.0	0.0	3.6	17.4	20.0	90.0	28.9	61.1	
VMP-44-10	6/25/2013	1450	0.00	0.00	0.0	0.0	4.0	16.5	1.1	34.0	32.6	1.4	
VMP-44-20	2/2/2012	1501	-0.16	-0.04	OVR	OVR	13.4	0.6	427	32000	18700	13300	
VMP-44-20	2/3/2012	914	-0.11	-0.15	78.7	OVR	13.1	0.9	384	34000	16500	17500	
VMP-44-20	2/7/2012	1110	-0.14	-0.11	61.4	OVR	13.1	1.2	440	20610	9700	10910	
VMP-44-20	2/13/2012	1447	-0.28	-0.29	32.5	OVR	12.7	1.1	443	14140	7670	6470	
VMP-44-20	2/14/2012	1623	-0.16	-0.62	25.2	OVR	11.9	2.0	390	13790	7800	5990	
VMP-44-20	2/15/2012	1432	-0.28	-0.54	36.3	OVR	12.1	1.2	577	13100	5480	7620	
VMP-44-20	2/22/2012	920	-0.26	- 0.25	16.2	OVR	11.7	1.2	445	12640	4770	7870	
VMP-44-20	2/29/2012	1409	-0.04	- 0.05	19.6	OVR	11.5	0.9	489	11100	3230	7870	
VMP-44-20	3/21/2012	831	-0.07	- 0.40	15.2	OVR	11.9	0.0	503	7820	2180	5640	
VMP-44-20	4/18/2012	847	-0.22	-0.07	5.6	OVR	11.4	2.4	342	3040	716	2324	
VMP-44-20	5/16/2012	1330	-0.31	-0.49	5.6	OVR	11.9	3.8	398	2700	110	2590	
VMP-44-20	6/20/2012	1400	-0.05	-0.24	6.6	OVR	14.1	2.2	353	2480	266	2214	
VMP-44-20	7/18/2012	1429	0.00	0.00	8.5	OVR	15.2	3.1	453	1720	218	1502	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-44-20	8/15/2012	1110	-0.32	-0.30	5.3	OVR	17.2	2.8	334	2460	380	2080	
VMP-44-20	9/19/2012	1512	-0.49	-0.49	3.0	61.0	15.6	4.6	316	1770	184	1586	
VMP-44-20	10/17/2012	955	-0.83	-0.74	1.2	26.0	13.6	5.1	173	1020	146	874	
VMP-44-20	11/20/2012	912	-0.72	-0.71	0.4	9.0	12.5	5.6	131	456	71.8	384	
VMP-44-20	12/19/2012	841	-0.58	-0.47	0.2	5.0	11.7	5.9	80.7	255	57.8	197	
VMP-44-20	1/16/2013	841	-0.48	-0.40	0.0	1.0	10.5	6.6	47.2	346	126	220	
VMP-44-20	2/25/2013	1055	-0.37	-0.32	0.1	1.0	8.5	8.5	21.6	325	296	29.5	
VMP-44-20	3/21/2013	1026	-0.85	-0.81	0.0	0.0	6.2	11.9	24.9	179	122	57.0	
VMP-44-20	4/24/2013	1422	-0.82	-0.78	0.0	0.0	5.9	12	24.9	81.6	15.5	66.1	
VMP-44-20	5/23/2013	1359	-0.07	-0.07	0.0	0.0	4.0	14.2	0.6	65.3	45.2	20.1	
VMP-44-20	6/25/2013	1455	0.00	0.00	0.0	0.0	2.6	14.5	0.6	16.2	16.2	0.0	
VMP-44-30	2/2/2012	1505	-0.24	-0.07	OVR	OVR	8.8	3.5	207	195000	72000	123000	
VMP-44-30	2/3/2012	919	-0.26	-0.26	OVR	OVR	9.9	1.0	207	155000	50600	104400	
VMP-44-30	2/7/2012	1111	0.64	-0.23	OVR	OVR	9.9	2.0	233	98700	57000	41700	
VMP-44-30	2/13/2012	1448	-0.51	-0.58	OVR	OVR	10.9	1.5	247	55900	25880	30020	
VMP-44-30	2/14/2012	1624	-1.25	-1.28	77.1	OVR	11.1	1.1	219	39900	31000	8900	
VMP-44-30	2/15/2012	1433	-0.57	-1.09	78.4	OVR	11.3	0.8	315	33680	22690	10990	
VMP-44-30	2/22/2012	925	-0.57	- 0.55	14.8	OVR	10.2	4.3	220	18420	9970	8450	
VMP-44-30	2/29/2012	1414	-0.20	0.00	13.2	OVR	11.8	0.9	268	12540	6260	6280	
VMP-44-30	3/21/2012	836	-0.77	- 0.73	2.9	59.0	10.3	1.5	182	5080	2700	2380	
VMP-44-30	4/18/2012	850	-1.13	-1.06	0.4	8.0	10.1	2.6	70.5	1380	920	460	
VMP-44-30	5/16/2012	1334	-1.00	-0.98	0.1	2.0	10.5	3.4	42.5	401	220	181	
VMP-44-30	6/20/2012	1359	-0.72	-0.76	0.0	0.0	10.6	5.1	24.0	207	83.4	124	
VMP-44-30	7/18/2012	1430	0.00	0.00	0.0	0.0	8.4	9.8	30.4	380	67.7	312	
VMP-44-30	8/15/2012	1105	-0.11	-1.07	0.0	0.0	7.9	11.8	19.1	586	253	333	
VMP-44-30	9/19/2012	1513	-0.19	-1.23	0.0	0.0	6.1	14.7	13.4	46.7	15.5	31.2	
VMP-44-30	10/17/2012	958	-1.71	-1.58	0.0	0.0	5.1	16.5	7.0	35.9	22.3	13.6	
VMP-44-30	11/20/2012	914	-1.42	-1.47	0.0	0.0	4.5	17.6	9.2	52.6	6.7	45.9	
VMP-44-30	12/19/2012	848	-1.14	-0.99	0.0	0.0	4.7	16.8	9.7	69.2	30.6	38.6	
VMP-44-30	1/16/2013	846	-0.98	-0.03	0.0	0.0	1.4	19.9	2.0	20.9	9.0	11.9	
VMP-44-30	2/25/2013	1100	-0.90	-0.37	0.0	0.0	3.5	17.9	5.9	46.3	17.0	29.3	
VMP-44-30	3/21/2013	1033	-1.91	-1.81	0.0	0.0	2.7	18.9	2.2	17.2	5.1	12.1	
VMP-44-30	4/24/2013	1426	-2.06	-1.66	0.0	0.0	0.4	20.6	0.7	3.3	0.0	3.3	
VMP-44-30	5/23/2013	1359	-2.36	-2.48	0.0	0.0	1.7	19.5	1.9	17.0	2.6	14.4	
VMP-44-30	6/25/2013	1500	-1.43	-1.36	0.0	0.0	1.9	19.0	0.5	4.5	0.0	4.5	
VMP-45-10	2/2/2012	1433	-0.30	-0.21	0.0	0.0	6.1	14.8	12.4	35.0	0.0	35.0	
VMP-45-10	2/3/2012	931	-0.19	-0.25	NM	NM	NM	NM	NM	NM	NM	NM	Tedlar overfilled and popped. Could not sample.
VMP-45-10	2/7/2012	1128	-0.15	-0.06	0.0	0.0	3.4	19.1	1.8	5.0	0.0	5.0	
VMP-45-10	2/15/2012	1444	-0.18	0.05	0.0	0.0	1.9	20.2	0.3	1.8	0.0	1.8	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-45-10	2/22/2012	1424	0.00	- 0.04	0.0	0.0	1.5	20.5	0.4	0.0	0.0	0.0	
VMP-45-10	2/29/2012	903	-0.14	- 0.15	0.0	0.0	2.2	18.1	3.5	12.3	2.8	9.5	
VMP-45-10	3/21/2012	928	-0.16	- 0.11	0.0	0.0	0.9	20.2	0.2	0.0	0.0	0.0	
VMP-45-10	4/18/2012	929	-0.20	-0.16	0.0	0.0	0.8	20.2	0.2	2.6	0.0	2.6	
VMP-45-10	5/16/2012	1346	-0.21	-0.19	0.0	0.0	0.8	20.1	0.7	0.0	0.0	0.0	
VMP-45-10	6/20/2012	1054	-0.16	-0.18	0.0	0.0	0.8	20.5	0.4	2.3	0.0	2.3	
VMP-45-10	7/18/2012	1359	0.00	0.00	0.0	0.0	0.6	20.1	0.6	7.7	2.2	5.5	
VMP-45-10	8/15/2012	1125	-0.18	-0.18	0.0	0.0	0.7	20.4	0.5	2.3	0.0	2.3	
VMP-45-10	9/19/2012	1453	-0.12	-0.10	0.0	0.0	0.5	20.5	0.6	0.8	0.0	0.8	
VMP-45-10	10/17/2012	1010	-0.22	-0.21	0.0	0.0	0.3	20.6	0.3	0.9	0.0	0.9	
VMP-45-10	11/20/2012	1025	-0.18	-0.13	0.0	0.0	0.2	20.8	0.4	0.3	0.0	0.3	
VMP-45-10	12/19/2012	1057	-0.11	-0.06	0.0	0.0	0.2	20.8	0.2	0.5	0.0	0.5	
VMP-45-10	1/16/2013	935	-0.12	NM	0.0	0.0	0.1	20.9	0.0	1.8	0.0	1.8	
VMP-45-10	2/25/2013	1115	-0.10	-0.11	0.0	0.0	0.1	20.9	0.2	0.7	0.0	0.7	
VMP-45-10	3/20/2013	1535	-0.22	-0.20	0.0	0.0	0.1	20.8	0.7	1.9	0.0	1.9	
VMP-45-10	4/24/2013	1322	-0.48	-0.45	0.0	0.0	0.2	20.7	0.3	0.4	0.0	0.4	
VMP-45-10	5/23/2013	1037	-0.43	-0.58	0.0	0.0	0.4	20.3	0.3	0.9	0.0	0.9	
VMP-45-10	6/25/2013	1520	-0.16	-0.41	0.0	0.0	0.7	20.1	0.5	0.8	0.0	0.8	
VMP-45-20	2/2/2012	1437	-0.21	-0.55	63.2	OVR	13.6	0.7	385	32400	18200	14200	
VMP-45-20	2/3/2012	936	-0.77	-0.78	34.9	OVR	13.5	0.7	326	24900	14100	10800	
VMP-45-20	2/7/2012	1129	-0.34	-0.20	26.9	OVR	12.5	1.7	427	11190	6420	4770	
VMP-45-20	2/15/2012	1445	-0.80	-0.38	9.3	OVR	8.4	5.4	566	3750	530	3220	
VMP-45-20	2/22/2012	1429	-0.15	- 0.15	4.7	95.0	7.6	6.0	475	2240	174	2066	
VMP-45-20	2/29/2012	908	-0.23	- 0.25	3.4	63.0	6.3	9.7	367	1860	128	1732	
VMP-45-20	3/21/2012	933	-0.25	0.00	1.4	29.0	7.0	8.7	250	1260	100	1160	
VMP-45-20	4/18/2012	933	-0.38	-0.01	0.4	9.0	4.8	14.9	111	515	0.0	515	
VMP-45-20	5/16/2012	1351	-0.36	-0.36	0.3	6.0	4.4	16.0	94.3	380	0.0	380	
VMP-45-20	6/20/2012	1055	-0.10	-0.25	0.0	0.0	4.0	16.9	41.1	215	0.0	215	
VMP-45-20	7/18/2012	1401	0.00	0.00	0.0	0.0	3.9	16.6	38.1	153	8.1	145	
VMP-45-20	8/15/2012	1130	-0.36	-0.33	0.0	0.0	3.4	17.4	27.2	67.4	9.2	58.2	
VMP-45-20	9/19/2012	1454	-0.25	-0.17	0.0	0.0	2.6	18.5	9.5	20.4	3.9	16.5	
VMP-45-20	10/17/2012	1011	-0.47	-0.42	0.0	0.0	2.5	18.6	4.7	19.6	3.9	15.7	
VMP-45-20	11/20/2012	1028	-0.41	-0.31	0.0	0.0	2.1	18.9	2.3	17.3	11.5	5.9	
VMP-45-20	12/19/2012	1059	-0.22	-0.19	0.0	0.0	2.4	18.6	1.9	11.8	7.2	4.6	
VMP-45-20	1/16/2013	939	-0.36	NM	0.0	0.0	2.2	18.7	1.2	15.7	10.6	5.1	
VMP-45-20	2/25/2013	1115	-0.20	-0.21	0.0	0.0	1.9	18.8	0.9	12.7	8.7	4.0	
VMP-45-20	3/20/2013	1539	-0.41	-0.43	0.0	0.0	1.0	20.0	0.8	5.4	1.2	4.2	
VMP-45-20	4/24/2013	1326	-0.90	-0.85	0.0	0.0	1	19.8	0.6	3.6	0.0	3.6	
VMP-45-20	5/23/2013	1038	-0.85	-1.14	0.0	0.0	1.0	19.5	0.7	2.3	0.0	2.3	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-45-20	6/25/2013	1526	-0.25	-0.51	0.0	0.0	0.8	20.0	0.5	2.2	0.0	2.2	
VMP-45-30	2/2/2012	1443	-0.21	-0.28	OVR	OVR	13.2	1.0	340	106000	53000	53000	
VMP-45-30	2/3/2012	942	-0.20	-0.31	OVR	OVR	12.5	2.0	312	72800	40600	32200	
VMP-45-30	2/7/2012	1130	-0.53	-0.13	OVR	OVR	13.1	1.3	395	56800	28760	28040	
VMP-45-30	2/15/2012	1446	-0.38	-0.42	OVR	OVR	11.4	1.2	561	52500	20800	31700	
VMP-45-30	2/22/2012	1434	-0.15	-0.10	86.6	OVR	10.2	1.2	616	31180	11790	19390	
VMP-45-30	2/29/2012	913	-0.29	- 0.29	65.3	OVR	10.0	1.4	598	16640	9820	6820	
VMP-45-30	3/21/2012	940	-0.33	- 0.25	33.4	OVR	12.3	0.0	789	12680	3560	9120	
VMP-45-30	4/18/2012	937	-0.45	-0.38	7.3	OVR	9.8	4.7	639	3570	200	3370	
VMP-45-30	5/16/2012	1355	-0.42	-0.42	1.5	30.0	8.9	7.3	450	1400	130	1270	
VMP-45-30	6/20/2012	1056	-0.37	-0.41	0.3	7.0	8.7	7.8	209	277	53.5	224	
VMP-45-30	7/18/2012	1400	0.00	0.00	0.1	2.0	7.3	9.4	143	86.0	54.0	32.0	
VMP-45-30	8/15/2012	1135	-0.43	-0.38	0.0	1.0	7.0	12.6	60.0	71.0	35.2	35.8	
VMP-45-30	9/19/2012	1455	-0.33	-0.29	0.0	0.0	4.9	15.2	42.8	87.7	37.7	50.0	
VMP-45-30	10/17/2012	1012	-0.57	-0.51	0.0	0.0	4.2	16.4	22.5	54.9	6.6	48.3	
VMP-45-30	11/20/2012	1031	-0.50	-0.40	0.0	0.0	3.7	17.2	9.0	19.1	5.8	13.3	
VMP-45-30	12/19/2012	1100	-0.29	-0.19	0.0	0.0	3.7	17.3	10.1	20.9	4.0	16.9	
VMP-45-30	1/16/2013	944	-0.29	NM	0.0	0.0	3.2	17.5	5.9	17.8	5.1	12.7	
VMP-45-30	2/25/2013	1115	-0.25	-0.25	0.0	0.0	2.9	17.7	5.1	19.6	5.1	14.5	
VMP-45-30	3/20/2013	1544	-0.50	-0.50	0.0	0.0	1.8	19.1	1.2	4.8	0.0	4.8	
VMP-45-30	4/24/2013	1330	-1.25	-0.99	0.0	0.0	1.6	19.1	5.0	6.3	0.0	6.3	
VMP-45-30	5/23/2013	1038	-1.12	-1.31	0.0	0.0	1.7	18.8	3.3	4.2	0.0	4.2	
VMP-45-30	6/25/2013	1532	-0.35	-0.23	0.0	0.0	1.4	19.5	1.4	3.0	0.0	3.0	
VMP-46-10	2/15/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-10	2/16/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-10	2/17/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-10	2/20/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-10	2/21/2012	958	-1.25	-0.78	1.0	20.0	1.0	20.6	146	1379	37.3	1342	
VMP-46-10	2/22/2012	936	0.12	0.11	0.6	12.0	0.2	20.8	45.4	1036	298	738	
VMP-46-10	2/29/2012	901	-0.33	-0.38	0.3	6.0	2.6	18.0	93.9	744	58.6	685	
VMP-46-10	3/21/2012	900	-0.40	-0.39	0.0	0.0	1.8	19.3	0.5	18.3	4.6	13.7	
VMP-46-10	4/18/2012	829	-0.36	-0.27	0.0	1.0	1.5	19.2	0.8	115	78.0	37.0	
VMP-46-10	5/16/2012	900	-0.50	-0.52	0.0	0.0	1.0	20.0	0.3	1.5	0.0	1.5	
VMP-46-10	6/20/2012	840	-0.48	-0.45	0.0	0.0	0.6	20.3	0.4	0.0	0.0	0.0	
VMP-46-10	7/18/2012	919	-0.46	-0.37	0.0	0.0	0.7	20.2	0.7	1.9	0.0	1.9	
VMP-46-10	8/15/2012	836	-0.39	-0.31	0.0	0.0	0.5	20.7	0.9	4.8	0.0	4.8	
VMP-46-10	9/19/2012	1228	-0.33	-0.25	0.0	0.0	0.2	20.6	0.7	5.1	0.0	5.1	
VMP-46-10	10/17/2012	848	-0.40	-0.45	0.0	0.0	0.7	20.1	0.4	2.2	0.0	2.2	
VMP-46-10	11/20/2012	942	-0.53	-0.36	0.0	0.0	0.4	20.6	0.6	2.6	0.0	2.6	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-46-10	12/19/2012	1021	-0.43	-0.36	0.0	0.0	0.2	20.7	0.3	0.3	0.0	0.3	
VMP-46-10	1/16/2013	902	-0.28	-0.19	0.0	0.0	0.4	20.0	0.3	1.0	0.0	1.0	
VMP-46-10	2/25/2013	NM	NM	-11.20	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during sampling.
VMP-46-10	3/20/2013	916	-0.83	-0.83	0.0	0.0	0.1	20.8	0.2	0.9	0.0	0.9	
VMP-46-10	4/25/2013	1018	-0.76	-0.71	0.0	1.0	0	20.9	17.5	130	0.0	130	
VMP-46-10	5/22/2013	853	-0.50	-0.47	0.0	0.0	0	20.9	0.6	1.2	0.0	1.2	
VMP-46-10	6/25/2013	906	-0.54	-0.53	0.0	0.0	0.1	20.9	0.4	1.8	0.0	1.8	
VMP-46-20	2/15/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-20	2/16/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-20	2/17/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-20	2/20/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-20	2/21/2012	959	-1.06	-1.09	OVR	OVR	7.1	2.6	78.6	1000000	811000	189000	
VMP-46-20	2/22/2012	937	0.19	0.17	OVR	OVR	7.7	1.2	64.3	923000	374000	549000	
VMP-46-20	2/29/2012	902	-0.45	-0.51	OVR	OVR	7.4	1.2	67.7	1000000	405000	595000	
VMP-46-20	3/21/2012	900	-0.55	-0.53	OVR	OVR	7.3	0.6	66.1	1000000	438000	562000	
VMP-46-20	4/18/2012	829	-0.49	-0.38	OVR	OVR	6.4	1.9	70.0	775000	359000	416000	
VMP-46-20	5/16/2012	901	-0.36	-0.74	OVR	OVR	8.0	1.0	82.1	510000	241000	269000	
VMP-46-20	6/20/2012	841	0.02	-0.64	OVR	OVR	9.7	0.5	82.0	136000	85300	50700	
VMP-46-20	7/18/2012	920	-0.64	-0.52	OVR	OVR	10.1	1.5	56.0	203000	124000	79000	
VMP-46-20	8/15/2012	837	-0.55	-0.51	OVR	OVR	12.7	1.5	107	149000	100000	49000	
VMP-46-20	9/19/2012	1230	-0.47	-2.22	OVR	OVR	13.6	1.7	148	94500	89700	4800	
VMP-46-20	10/17/2012	849	-0.52	-0.63	OVR	OVR	12.9	1.1	124	168000	111000	57000	
VMP-46-20	11/20/2012	946	-0.75	-0.51	OVR	OVR	12.8	1.4	326	85700	56000	29700	
VMP-46-20	12/19/2012	1022	-0.66	-0.52	57.2	OVR	12.7	1.4	190	70600	60000	10600	
VMP-46-20	1/16/2013	907	-0.38	-0.25	OVR	OVR	12.6	0.9	235	76500	65000	11500	
VMP-46-20	2/25/2013	927	-0.47	-0.44	OVR	OVR	12.0	0.8	223	86700	44800	41900	
VMP-46-20	3/20/2013	920	-1.41	-1.25	18.5	OVR	9.2	6.7	145	24200	19900	4300	
VMP-46-20	4/25/2013	1024	-1.48	-1.37	27.5	OVR	9.8	4.8	255	24500	16700	7800	
VMP-46-20	5/22/2013	854	-0.98	-0.95	49.6	OVR	10.3	3.3	230	31200	28100	3100	
VMP-46-20	6/25/2013	912	-0.96	-0.94	40.1	OVR	9.9	4.7	277	25300	15500	9800	
VMP-46-30	2/15/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-30	2/16/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-30	2/17/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-30	2/20/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-30	2/21/2012	1000	-1.06	-1.06	OVR	OVR	7.5	2.4	77.6	906000	747000	159000	
VMP-46-30	2/22/2012	937	0.17	0.17	OVR	OVR	8.0	1.4	64.3	1000000	1000000	0.0	
VMP-46-30	2/29/2012	903	-0.47	-0.50	OVR	OVR	7.5	1.4	69.3	1000000	533000	467000	
VMP-46-30	3/21/2012	900	-0.56	-0.54	OVR	OVR	6.9	0.6	71.1	1000000	1000000	0.0	
VMP-46-30	4/18/2012	830	-0.49	-0.39	OVR	OVR	6.2	1.2	71.5	1000000	448000	552000	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-46-30	5/16/2012	902	-0.70	-0.76	OVR	OVR	6.4	0.5	83.1	1000000	610000	390000	
VMP-46-30	6/20/2012	842	-0.69	-0.65	OVR	OVR	6.3	1.6	106	565000	305000	260000	
VMP-46-30	7/18/2012	921	-0.64	-0.13	OVR	OVR	6.2	1.8	55.4	1000000	283000	717000	
VMP-46-30	8/15/2012	837	-0.59	-0.53	OVR	OVR	7.8	1.8	121	392000	225000	167000	
VMP-46-30	9/19/2012	1231	-0.51	-2.53	OVR	OVR	9.3	1.9	152	669000	260000	409000	
VMP-46-30	10/17/2012	850	-0.56	-0.61	OVR	OVR	10.7	1.0	119	414000	336000	78000	
VMP-46-30	11/20/2012	950	-0.76	-0.51	OVR	OVR	11.7	1.4	223	256000	216000	40000	
VMP-46-30	12/19/2012	1023	-0.68	-0.53	OVR	OVR	11.9	1.9	242	310000	155000	155000	
VMP-46-30	1/16/2013	912	-0.42	-0.23	OVR	OVR	12.5	0.8	180	215000	114000	101000	
VMP-46-30	2/25/2013	931	-0.37	-0.43	OVR	OVR	11.5	1.4	210	179000	79100	99900	
VMP-46-30	3/20/2013	924	-1.33	-1.15	8.1	OVR	1.2	18.8	150	9600	6000	3600	Results suspect due to higher than expected oxygen concentrations in Tedlar.
VMP-46-30	4/25/2013	1029	-1.12	-1.05	0.3	6.0	1.5	18.8	79.9	329	79.1	249.9	
VMP-46-30	5/22/2013	855	-0.92	-0.88	17.3	OVR	5.6	11.6	278	8500	6600	1900	
VMP-46-30	6/25/2013	919	-0.96	-0.94	0.1	2.0	8.8	7.9	17.5	163	92.6	70.4	
VMP-47-5	3/21/2013	1234	0.02	0.12	0.0	0.0	10.9	3.6	10.9	152	0.0	152	Initial monthly sample after installation.
VMP-47-5	4/24/2013	1535	-0.07	0.00	0.0	0.0	10.8	6.3	34.1	118.5	27.5	91.0	
VMP-47-5	5/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-install.
VMP-47-5	6/25/2013	1011	-0.03	0.00	OVR	OVR	10.2	0.6	120	115000	76300	38700	
VMP-47-10	3/21/2013	1238	0.03	0.10	0.0	0.0	10.9	5.4	2.8	96.9	0.0	96.9	Initial monthly sample after installation.
VMP-47-10	4/24/2013	1540	-0.05	0.00	0.0	0.0	12.1	3.6	30.6	76.1	4.2	71.9	
VMP-47-10	5/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-install.
VMP-47-10	6/25/2013	1012	-0.04	0.08	88.1	OVR	11.0	0.8	150	68600	44900	23700	
VMP-47-20	3/21/2013	1242	0.13	0.41	4.1	80.0	12.2	1.0	57.8	4800	3250	1550	Initial monthly sample after installation.
VMP-47-20	4/24/2013	1545	-0.18	-0.07	0.3	6.0	12.7	1.4	40.2	310.5	160	150.5	
VMP-47-20	5/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-install.
VMP-47-20	6/25/2013	1013	-0.08	0.14	87.6	OVR	10.9	0.6	135	65900	41700	24200	
VMP-47-30	3/21/2013	1246	0.18	0.55	4.9	99.0	12.2	0.8	37.5	12200	10200	2000	Initial monthly sample after installation.
VMP-47-30	4/24/2013	1550	-0.23	-0.08	0.0	1.0	11.1	5	36.8	146	44.2	101.8	
VMP-47-30	5/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-install.
VMP-47-30	6/25/2013	1014	-0.09	0.16	OVR	OVR	9.5	0.6	115	130000	84100	45900	
VMP-48-5	2/26/2013	1339	0.00	-0.01	0.0	0.0	0.1	20.2	0.2	4.5	0.0	4.5	Initial monthly sample after installation.
VMP-48-5	3/21/2013	1447	0.00	0.00	0.0	0.0	0.4	20.3	0.3	2.9	0.0	2.9	
VMP-48-5	4/24/2013	1508	0.00	0.00	0.0	0.0	0.8	17.9	0.6	1.6	0.0	1.6	
VMP-48-5	5/23/2013	1111	0.00	0.00	0.0	0.0	3.2	15.3	0.4	0.0	0.0	0.0	
VMP-48-5	6/26/2013	1122	0.00	0.00	0.0	0.0	6.4	9.1	0.5	0.0	0.0	0.0	
VMP-48-10	2/26/2013	1343	-0.03	-0.05	0.0	0.0	2.4	18.4	0.1	0.5	0.0	0.5	Initial monthly sample after installation.
VMP-48-10	3/21/2013	1449	-0.04	0.00	0.0	0.0	1.8	19.2	0.2	0.7	0.0	0.7	
VMP-48-10	4/24/2013	1513	-0.04	-0.02	0.0	0.0	1.2	18.2	0.6	0.8	0.0	0.8	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-48-10	5/23/2013	1112	-0.07	-0.09	0.0	0.0	2.9	16.1	0.4	0.7	0.0	0.7	
VMP-48-10	6/26/2013	1126	0.0	0.08	0.0	0.0	4.0	15.8	0.4	0.7	0.0	0.7	
VMP-48-20	2/26/2013	1345	-0.03	-0.72	0.0	0.0	4.1	17.9	0.2	1.2	0.0	1.2	Initial monthly sample after installation.
VMP-48-20	3/21/2013	1454	0.00	0.00	0.0	0.0	3.4	18.6	0.2	0.2	0.0	0.2	
VMP-48-20	4/24/2013	1518	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-48-20	5/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-48-20	6/26/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-48-30	2/26/2013	1347	-0.17	-0.30	0.0	0.0	11.2	1.3	2.3	26.0	0.0	26.0	Initial monthly sample after installation.
VMP-48-30	3/21/2013	1456	0.09	0.05	0.0	0.0	11.1	1.9	1.9	13.8	0.0	13.8	
VMP-48-30	4/24/2013	1523	-0.43	-0.30	0.0	0.0	11.4	3	1.7	8.2	2.8	5.4	
VMP-48-30	5/23/2013	1114	-0.56	-0.68	0.0	0.0	10.8	5.1	1.3	4.3	0.0	4.3	
VMP-48-30	6/26/2013	1130	-0.16	0.33	0.0	0.0	9.9	7.3	1.1	9.9	0.6	9.3	
VMP-49-5	2/26/2013	1358	-0.21	-0.23	0.0	0.0	0.9	20.0	8.3	74.8	18.2	56.6	Initial monthly sample after installation.
VMP-49-5	3/21/2013	1508	-0.02	-0.20	0.0	0.0	0.4	20.6	0.3	0.2	0.0	0.2	
VMP-49-5	4/24/2013	1642	-0.45	-0.46	0.0	0.0	0.6	20.3	0.5	0.6	0.0	0.6	
VMP-49-5	5/23/2013	1053	-0.44	-0.53	0.0	0.0	1.0	19.7	0.5	0.6	0.0	0.6	
VMP-49-5	6/25/2013	1534	-0.25	-0.19	0.0	0.0	1.5	19.0	0.6	0.1	0.0	0.1	
VMP-49-10	2/26/2013	1402	-0.18	-0.20	0.0	0.0	0.1	20.4	0.2	0.3	0.0	0.3	Initial monthly sample after installation.
VMP-49-10	3/21/2013	1510	-0.17	-0.19	0.0	0.0	0.5	20.5	0.2	0.9	0.0	0.9	
VMP-49-10	4/24/2013	1647	-0.40	-0.40	0.0	0.0	1.2	19	0.5	0.9	0.0	0.9	
VMP-49-10	5/23/2013	1054	-0.40	-0.56	0.0	0.0	2.4	17.3	0.4	1.0	0.0	1.0	
VMP-49-10	6/25/2013	1535	-0.35	-0.18	0.0	0.0	3.7	15.8	0.6	0.7	0.0	0.7	
VMP-49-20	2/26/2013	1404	-0.03	-0.03	0.0	0.0	0.2	20.4	0.1	1.1	0.0	1.1	Initial monthly sample after installation.
VMP-49-20	3/21/2013	1512	-0.02	-0.02	0.0	0.0	0.4	20.5	0.2	1.1	0.0	1.1	
VMP-49-20	4/24/2013	1652	0.00	0.00	0.0	0.0	1.5	18.5	0.5	1.2	0.0	1.2	
VMP-49-20	5/23/2013	1055	0.00	-0.03	0.0	0.0	2.6	16.7	0.4	0.8	0.0	0.8	
VMP-49-20	6/25/2013	1536	-0.03	-0.02	0.0	0.0	4.7	14.3	0.7	1.0	0.0	1.0	
VMP-49-30	2/26/2013	1406	-0.54	-0.66	19.5	OVR	10.7	2.3	220	13000	6400	6600	Initial monthly sample after installation.
VMP-49-30	3/21/2013	1514	-0.41	-0.44	5.8	OVR	8.2	3.1	219	2100	325	1775	
VMP-49-30	4/24/2013	1657	-0.98	-1.00	0.0	0.0	4	13.5	2.2	12.1	6.2	5.9	
VMP-49-30	5/23/2013	1056	-1.16	-1.46	0.0	0.0	11.9	3.7	5.0	258	257	1.0	
VMP-49-30	6/25/2013	1537	-0.44	-0.22	83.3	OVR	7.7	1.4	268	37650	22510	15140	
VMP-50-5	2/26/2013	1108	0.00	0.00	0.0	0.0	1.4	19.2	0.6	2.8	0.0	2.8	Initial monthly sample after installation.
VMP-50-5	3/21/2013	1527	0.00	0.00	0.0	0.0	0.9	20.1	0.4	0.8	0.0	0.8	
VMP-50-5	4/24/2013	1437	0.00	0.00	0.0	0.0	1.7	18.4	0.9	1.3	0.0	1.3	
VMP-50-5	5/23/2013	1032	0.00	0.00	0.0	0.0	3.1	15.9	0.5	0.6	0.0	0.6	
VMP-50-5	6/26/2013	1513	0.00	0.00	0.0	0.0	4.7	13.4	0.6	1.1	0.0	1.1	
VMP-50-10	2/26/2013	1114	-0.02	0.00	0.0	0.0	3.9	17.0	0.4	0.3	0.0	0.3	Initial monthly sample after installation.
VMP-50-10	3/21/2013	1529	0.00	0.00	0.0	0.0	3.1	18.1	0.3	0.3	0.0	0.3	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-50-10	4/24/2013	1442	0.00	0.00	0.0	0.0	2.6	18.3	0.8	0.6	0.0	0.6	
VMP-50-10	5/23/2013	1033	0.00	0.00	0.0	0.0	2.8	17.0	0.4	0.6	0.0	0.6	
VMP-50-10	6/26/2013	1517	0.00	0.00	0.0	0.0	3.1	16.1	0.7	1.3	0.0	1.3	
VMP-50-20	2/26/2013	1121	-0.08	0.00	0.2	5.0	14.6	3.5	46.7	350	93.5	257	Initial monthly sample after installation.
VMP-50-20	3/21/2013	1531	0.00	-0.02	0.0	0.0	12.4	6.3	31.4	86.3	38.2	48.1	
VMP-50-20	4/24/2013	1447	-0.18	-0.08	0.0	0.0	10.2	9.4	12.5	36.8	18.2	18.6	
VMP-50-20	5/23/2013	1035	-0.07	-0.15	0.0	0.0	9.6	8.8	20.0	56.6	40.1	16.5	
VMP-50-20	6/26/2013	1521	0.00	0.04	0.0	0.0	10.0	8.9	20.2	61.9	24.1	37.8	
VMP-50-30	2/26/2013	1117	-2.73	-0.70	20.0	OVR	6.9	15.3	566	8300	1670	6630	Initial monthly sample after installation.
VMP-50-30	3/21/2013	1533	-1.21	-1.01	16.7	OVR	5.4	17.1	685	8200	3800	4400	
VMP-50-30	4/24/2013	1452	-1.96	-1.56	10.9	OVR	3.8	18.2	633	7300	733	6567	
VMP-50-30	5/23/2013	1034	-1.83	-1.96	14.6	OVR	3.8	17.5	665	2590	660	1930	
VMP-50-30	6/26/2013	1525	-0.98	-0.23	16.2	OVR	3.5	17.4	655	3400	940	2460	
VMP-51-5	2/25/2013	1440	0.02	0.02	0.0	0.0	0.4	20.6	0.2	1.2	0.0	1.2	Initial monthly sample after installation.
VMP-51-5	3/21/2013	1144	-0.04	0.00	0.0	0.0	0.4	20.6	0.5	2.0	0.0	2.0	
VMP-51-5	4/24/2013	1338	-0.09	-0.08	0.0	0.0	1	19.7	0.5	1.3	0.0	1.3	
VMP-51-5	5/23/2013	1112	-0.07	-0.09	0.0	0.0	0.7	20.2	0.2	1.1	0.0	1.1	
VMP-51-5	6/25/2013	1421	0.00	0.00	0.0	0.0	2.8	17.4	0.4	2.0	0.0	2.0	
VMP-51-10	2/25/2013	1440	0.00	0.00	0.0	0.0	0.6	20.3	0.2	0.5	0.0	0.5	Initial monthly sample after installation.
VMP-51-10	3/21/2013	1154	0.00	0.00	0.0	0.0	0.4	20.6	0.5	1.6	0.0	1.6	
VMP-51-10	4/24/2013	1342	-0.22	-0.20	0.0	0.0	1.0	19.5	0.6	0.9	0.0	0.9	
VMP-51-10	5/23/2013	1112	0.00	-0.20	0.0	0.0	1.3	19.5	0.3	0.5	0.0	0.5	
VMP-51-10	6/25/2013	1426	0.00	0.00	0.0	0.0	2.5	17.7	0.6	0.8	0.0	0.8	
VMP-51-20	2/25/2013	1445	0.10	0.11	0.0	0.0	2.9	19.2	0.3	0.5	0.0	0.5	Initial monthly sample after installation.
VMP-51-20	3/21/2013	1154	-0.18	-0.17	0.0	0.0	2.0	19.7	0.6	0.5	0.0	0.5	
VMP-51-20	4/24/2013	1346	-0.50	-0.44	0.0	0.0	1.8	19.4	0.6	0.3	0.0	0.3	
VMP-51-20	5/23/2013	1113	-0.41	-0.59	0.0	0.0	1.8	18.9	0.3	0.1	0.0	0.1	
VMP-51-20	6/25/2013	1431	-0.06	-0.12	0.0	0.0	2.2	18.4	0.5	0.2	0.0	0.2	
VMP-51-30	2/25/2013	1445	0.10	0.09	0.0	0.0	3.5	18.5	0.3	0.9	0.0	0.9	Initial monthly sample after installation.
VMP-51-30	3/21/2013	1159	-0.16	-0.17	0.0	0.0	3.1	18.8	0.7	0.7	0.0	0.7	
VMP-51-30	4/24/2013	1350	-0.51	-0.45	0.0	0.0	2.6	19	0.7	0.4	0.0	0.4	
VMP-51-30	5/23/2013	1113	-0.44	-0.59	0.0	0.0	2.2	18.9	0.3	0.2	0.0	0.2	
VMP-51-30	6/25/2013	1438	-0.14	-0.46	0.0	0.0	2.5	18.3	0.6	0.1	0.0	0.1	
VMP-52-5	2/25/2013	1420	0.00	-0.02	0.0	0.0	1.1	18.9	0.4	0.6	0.0	0.6	Initial monthly sample after installation.
VMP-52-5	3/21/2013	1524	0.00	0.00	0.0	0.0	0.8	18.5	0.5	1.4	0.0	1.4	
VMP-52-5	4/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-52-5	5/23/2013	956	0.00	0.00	0.0	0.0	3.1	14.2	0.4	0.1	0.0	0.1	
VMP-52-5	6/25/2013	1607	0.00	0.00	0.0	0.0	4.8	11.0	0.9	1.0	0.0	1.0	
VMP-52-10	2/25/2013	1420	0.05	0.02	0.0	0.0	1.8	17.3	0.4	2.5	0.0	2.5	Initial monthly sample after installation.

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-52-10	3/21/2013	1531	0.03	0.00	0.0	0.0	1.5	18.6	0.6	1.2	0.0	1.2	
VMP-52-10	4/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-52-10	5/23/2013	956	0.32	-0.11	0.0	0.0	3.2	16.2	0.5	0.3	0.0	0.3	
VMP-52-10	6/25/2013	1613	0.00	0.00	0.0	0.0	4.1	14.7	0.8	3.2	0.0	3.2	
VMP-52-20	2/25/2013	1425	0.27	0.05	0.0	0.0	5.6	13.6	0.6	3.6	0.0	3.6	Initial monthly sample after installation.
VMP-52-20	3/21/2013	1541	-0.03	-0.05	0.0	0.0	5.0	15.4	0.6	2.1	0.0	2.1	
VMP-52-20	4/24/2013	1128	-0.53	-0.46	0.0	0.0	4.1	17.2	0.6	0.7	0.0	0.7	
VMP-52-20	5/23/2013	957	-0.50	-0.62	0.0	0.0	3.5	17.3	0.5	0.4	0.0	0.4	
VMP-52-20	6/25/2013	1617	0.07	0.00	0.0	0.0	2.9	17.4	0.7	1.2	0.0	1.2	
VMP-52-30	2/25/2013	1425	0.32	0.48	0.0	0.0	6.0	13.0	0.7	6.1	5.7	0.4	Initial monthly sample after installation.
VMP-52-30	3/21/2013	1546	-0.03	-0.17	0.0	0.0	6.4	13.4	0.9	4.1	0.0	4.1	
VMP-52-30	4/24/2013	1132	-0.51	-0.45	0.0	0.0	5.3	16	0.7	1.0	0.0	1.0	
VMP-52-30	5/23/2013	958	-0.51	-0.64	0.0	0.0	4.3	16.4	0.6	1.0	0.0	1.0	
VMP-52-30	6/25/2013	1622	0.00	0.12	0.0	0.0	3.7	17.0	0.7	0.5	0.0	0.5	
VMP-53-5	2/25/2013	1355	0.00	0.00	0.0	0.0	0.4	20.6	0.4	0.5	0.0	0.5	Initial monthly sample after installation.
VMP-53-5	3/21/2013	1449	0.00	0.00	0.0	0.0	0.4	20.6	0.5	0.8	0.0	0.8	
VMP-53-5	4/24/2013	1009	0.00	0.00	0.0	0.0	0.8	20.2	0.3	0.2	0.0	0.2	
VMP-53-5	5/22/2013	1610	0.00	0.00	0.0	0.0	1.3	19.5	0.5	1.1	0.0	1.1	
VMP-53-5	6/26/2013	1414	0.00	0.00	0.0	0.0	2.1	18.5	0.4	0.9	0.0	0.9	
VMP-53-10	2/25/2013	1355	-0.44	0.11	0.0	0.0	0.5	20.5	0.4	0.7	0.0	0.7	Initial monthly sample after installation.
VMP-53-10	3/21/2013	1453	0.00	0.00	0.0	0.0	0.4	20.6	0.6	1.1	0.0	1.1	
VMP-53-10	4/24/2013	1013	-0.06	-0.05	0.0	0.0	0.5	20.4	0.3	0.3	0.0	0.3	
VMP-53-10	5/22/2013	1611	0.00	0.00	0.0	0.0	1.0	19.9	0.6	1.1	0.0	1.1	
VMP-53-10	6/26/2013	1420	0.00	0.00	0.0	0.0	1.6	18.8	0.5	1.6	0.0	1.6	
VMP-53-20	2/25/2013	1400	0.05	0.08	0.0	0.0	1.6	19.8	0.4	1.1	0.0	1.1	Initial monthly sample after installation.
VMP-53-20	3/21/2013	1459	0.00	0.00	0.0	0.0	1.1	20.2	0.6	0.4	0.0	0.4	
VMP-53-20	4/24/2013	1018	-0.27	-0.27	0.0	0.0	0.8	20.1	0.3	0.1	0.0	0.1	
VMP-53-20	5/22/2013	1612	-0.20	-0.18	0.0	0.0	1.1	19.5	0.6	1.1	0.0	1.1	
VMP-53-20	6/26/2013	1426	-0.06	0.00	0.0	0.0	1.6	18.7	0.6	1.6	0.0	1.6	
VMP-53-30	2/25/2013	1400	-0.66	0.25	0.0	0.0	3.2	18.6	0.4	0.7	0.0	0.7	Initial monthly sample after installation.
VMP-53-30	3/21/2013	1503	0.00	0.00	0.0	0.0	2.8	19.1	0.5	0.4	0.0	0.4	
VMP-53-30	4/24/2013	1022	-0.30	-0.31	0.0	0.0	2.4	19.2	0.3	0.1	0.0	0.1	
VMP-53-30	5/22/2013	1613	-0.22	-0.20	0.0	0.0	2.5	18.7	0.6	0.6	0.0	0.6	
VMP-53-30	6/26/2013	1433	-0.08	0.00	0.0	0.0	2.6	18.1	0.8	1.5	0.0	1.5	
VMP-54-5	2/25/2013	1335	-0.12	-0.19	0.0	0.0	1.7	18.7	0.4	0.9	0.0	0.9	Initial monthly sample after installation.
VMP-54-5	3/21/2013	1414	0.00	0.03	0.0	0.0	2.0	18.8	0.5	0.3	0.0	0.3	
VMP-54-5	4/24/2013	1030	0.00	0.00	0.0	0.0	2.7	17.8	0.4	0.2	0.0	0.2	
VMP-54-5	5/23/2013	840	0.00	-0.02	0.0	0.0	3.7	16.6	0.5	0.5	0.0	0.5	
VMP-54-5	6/26/2013	1000	0.00	0.00	0.0	0.0	4.8	15.5	0.7	0.1	0.0	0.1	

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TABLE 10
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH4 (ppmv)	PHC (ppmv)	
VMP-54-10	2/25/2013	1340	0.02	-0.01	0.0	0.0	2.8	17.5	0.5	1.5	0.0	1.5	Initial monthly sample after installation.
VMP-54-10	3/21/2013	1418	0.00	0.04	0.0	0.0	2.9	17.7	0.6	0.6	0.0	0.6	
VMP-54-10	4/24/2013	1034	0.00	0.00	0.0	0.0	2.6	18	0.5	0.2	0.0	0.2	
VMP-54-10	5/23/2013	841	0.00	-0.02	0.0	0.0	2.0	18.4	0.5	0.7	0.0	0.7	
VMP-54-10	6/26/2013	1006	0.00	0.00	0.0	0.0	1.6	19.0	0.6	0.9	0.0	0.9	
VMP-54-20	2/25/2013	1335	0.02	0.02	0.0	0.0	3.5	16.6	0.5	0.6	0.0	0.6	Initial monthly sample after installation.
VMP-54-20	3/21/2013	1423	0.05	0.07	0.0	0.0	3.3	16.9	0.6	0.7	0.0	0.7	
VMP-54-20	4/24/2013	1038	0.00	0.00	0.0	0.0	2.8	16.9	0.6	0.2	0.0	0.2	
VMP-54-20	5/23/2013	841	-0.04	-0.03	0.0	0.0	3.1	16.6	0.5	0.1	0.0	0.1	
VMP-54-20	6/26/2013	1011	0.00	0.00	0.0	0.0	2.9	16.5	0.7	0.4	0.0	0.4	
VMP-54-30	2/25/2013	1340	0.04	0.03	0.0	0.0	4.9	14.6	0.5	1.3	0.0	1.3	Initial monthly sample after installation.
VMP-54-30	3/21/2013	1427	0.07	0.06	0.0	0.0	4.8	15.2	0.6	0.6	0.0	0.6	
VMP-54-30	4/24/2013	1042	0.00	0.00	0.0	0.0	3.9	16	0.6	0.4	0.0	0.4	
VMP-54-30	5/23/2013	842	-0.05	-0.07	0.0	0.0	3.1	16.3	0.5	0.2	0.0	0.2	
VMP-54-30	6/26/2013	1017	0.00	0.00	0.0	0.0	3.2	16.2	0.7	0.0	0.0	0.0	
VMP-55-5	3/21/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	4/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-5	5/22/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-5	6/26/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-10	3/21/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	4/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-10	5/22/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-10	6/26/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-20	3/21/2013	1343	0.33	0.40	OVR	OVR	20.9	1.1	25.5	252000	206000	46000	Initial monthly sample after installation.
VMP-55-20	4/25/2013	1557	-0.06	0.06	OVR	OVR	20.6	0.7	44.8	460000	335000	125000	
VMP-55-20	5/22/2013	1321	-0.14	-0.19	OVR	OVR	20.3	1.4	35.0	410000	300000	110000	
VMP-55-20	6/26/2013	1515	0.45	0.53	OVR	OVR	19.9	1.1	39.9	235000	149000	86000	
VMP-55-30	3/21/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	4/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-30	5/22/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-30	6/26/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.

Notes:
1) NM = Not Measured, PID - Photo Ionization Detector; THC = Total Hydrocarbon Concentration; PHC = Petroleum Hydrocarbon Concentration;
OVR = Over-range; ppmv = Parts Per Million By Volume.

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Acetone			Allyl chloride (3-Chloropropene)			alpha-Chlorotoluene			Benzene			Bromodichloromethane		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE Public Works Header	PWHeader-121912	12/19/2012	7	U		9.3	U		3.8	U		700			5	U	
SVE Public Works Header	PWHeader-SVE-01162013	1/16/2013	14	U		18	U		7.7	U		1200			9.9	U	
SVE Public Works Header	PWHeader-SVE-02202013	2/20/2013	13	U		18	U		7.3	U		1300			9.4	U	
SVE Public Works Header	PWHeader-SVE-03012013	3/1/2013	14	J		36	U		15	U		1600			19	U	
SVE Public Works Header	PWHeader-SVE-04012013	4/1/2013	14	U		19	U		7.8	U		920			10	U	
SVE Public Works Header	PWHeader-SVE-05022013	5/2/2013	71	U		37	U		15	U		1200			20	U	
SVE Public Works Header	PWHeader-SVE-06032013	6/3/2013	15	U		19	U		8	U		1100			10	U	
SVE Refinery Header	HEADER-SVE-020912	2/9/2012	150	U		200	U		83	U		130			110	U	
SVE Refinery Header	HEADER-SVE-021712	2/17/2012	80	U		100	U		170	U		170			56	U	
SVE Refinery Header	HEADER-SVE-030112	3/1/2012	6.5	J		93	U		150	U		150			50	U	
SVE Refinery Header	HEADER-SVE-030812	3/8/2012	36	U		48	U		79	U		120			26	U	
SVE Refinery Header	HEADER-SVE-032312	3/23/2012	20	U		26	U		43	U		63			14	U	
SVE Refinery Header	HEADER-SVE-032812	3/28/2012	9.5	U		12	U		21	U		61			6.7	U	
SVE Refinery Header	MainHeader-SVE-113012	11/30/2012	15	U		19	U		8	U		44			10	U	
SVE Refinery Header	MainHeader-121912	12/19/2012	14	U		18	U		7.7	U		81			10	U	
SVE Refinery Header	MainHeader-SVE-01162013	1/16/2013	9.4	J		37	U		15	U		110			20	U	
SVE Refinery Header	MainHeader-SVE-02202013	2/20/2013	43	U		56	U		23	U		94			30	U	
SVE Refinery Header	MainHeader-SVE-03012013	3/1/2013	19	J		73	U		30	U		97			39	U	
SVE Refinery Header	WFLHeader-SVE-04012013	4/1/2013	24	U		32	U		13	U		89			17	U	
SVE Refinery Header	WFLHeader-SVE-05022013	5/2/2013	120	U		62	U		26	U		58			33	U	
SVE Refinery Header	WFLHeader-SVE-06032013	6/3/2013	14	U		19	U		7.8	U		60			10	U	
SVE RTO Exhaust	EXH-SVE-013112	1/31/2012	0.83			0.87	U		0.12	J		0.53			0.46	U	
SVE RTO Exhaust	EXH-SVE-020112	2/1/2012	0.023			0.014	U		0.006	J	U	0.019			0.0016	J	
SVE RTO Exhaust	EXH-SVE-020212	2/2/2012	0.027			0.02	U		0.0083	U		0.081			0.011	U	
SVE RTO Exhaust	EXH-SVE-020712	2/7/2012	0.023			0.011	U		0.0047	U		0.14			0.0061	U	
SVE RTO Exhaust	EXH-SVE-020912	2/9/2012	0.064		J	0.074	U	UJ	0.031	U	UJ	0.48		J	0.0048	J	J
SVE RTO Exhaust	EXH-SVE-021412	2/14/2012	0.058	J		0.12	U		0.19	U		0.64			0.063	U	
SVE RTO Exhaust	EXH-SVE-021712	2/17/2012	0.26		J	0.22	U	UJ	0.36	U	UJ	3.2		J	0.12	U	UJ
SVE RTO Exhaust	EXH-SVE-022112	2/21/2012	0.62	J		1.1	U		0.46	U		8.4			0.6	U	
SVE RTO Exhaust	EXH-SVE-022412	2/24/2012	0.044	J		0.024	U		0.01	U		0.67			0.013	U	
SVE RTO Exhaust	EXH-SVE-022712	2/27/2012	0.12			0.024	U		0.01	U		1.5			0.013	U	
SVE RTO Exhaust	EXH-SVE-030112	3/1/2012	1.2	U		1.6	U		2.6	U		4.4			0.84	U	
SVE RTO Exhaust	EXH-SVE-032312	3/23/2012	0.44			0.034	U		0.014	U		0.34			0.018	U	
SVE RTO Exhaust	EXH-SVE-04192012	4/19/2012	0.063			0.012	U		0.0051	U		0.14			0.0066	U	
SVE RTO Exhaust	EXH-SVE-05172012	5/17/2012	0.085	J		0.48	U		0.2	U		1.9			0.26	U	
SVE RTO Exhaust	EXH-SVE-06212012	6/21/2012	0.9	J		1.5	U		0.64	U		1.5			0.82	U	
SVE RTO Exhaust	EXH-SVE-08312012	8/31/2012	4.4			0.79	U		0.33	U		1.7			0.42	U	
SVE RTO Exhaust	EXH-SVE-09282012	9/28/2012	1.1	U		1.5	U		0.61	U		1.4			0.79	U	
SVE RTO Exhaust	EXH-SVE-10252012	10/25/2012	0.3	J		2	U		0.82	U		1.9			1.1	U	
SVE RTO Exhaust	EXH-SVE-113012	11/30/2012	0.15			0.038	U		0.016	J	U	0.058			0.02	U	
SVE RTO Exhaust	EXH-SVE-120312	12/3/2012	0.19	J		0.4	U		0.16	U		4.9			0.21	U	
SVE RTO Exhaust	EXH-SVE-120412	12/4/2012	0.1			0.019	U		0.008	J	U	0.78			0.01	U	
SVE RTO Exhaust	EXH-SVE-120512	12/5/2012	0.17	J		0.35	U		0.14	U		4.1			0.19	U	
SVE RTO Exhaust	EXH-SVE-121012	12/10/2012	0.041	J		0.16	U		0.067	U		0.52			0.087	U	
SVE RTO Exhaust	EXH-SVE-121212	12/12/2012	0.062	J		0.17	U		0.07	U		3.4			0.09	U	
SVE RTO Exhaust	EXH-SVE-121712	12/17/2012	0.046			0.018	U		0.0075	U		0.17			0.0097	U	
SVE RTO Exhaust	EXH-SVE-121912	12/19/2012	0.065	J		0.34	U		0.14	U		4.7			0.18	U	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE Public Works Header	PWHeader-121912	12/19/2012	7.6	U		2.9	U		1.6	U		590			8.7	U	
SVE Public Works Header	PWHeader-SVE-01162013	1/16/2013	15	U		5.7	U		3.3	U		990			17	U	
SVE Public Works Header	PWHeader-SVE-02202013	2/20/2013	14	U		5.5	UJ	UJ	3.1	U		880			17	U	
SVE Public Works Header	PWHeader-SVE-03012013	3/1/2013	30	U		110	U		6.3	U		890			34	U	
SVE Public Works Header	PWHeader-SVE-04012013	4/1/2013	16	U		5.9	U		3.4	U		940			18	U	
SVE Public Works Header	PWHeader-SVE-05022013	5/2/2013	31	U		120	U		6.6	U		800			35	U	
SVE Public Works Header	PWHeader-SVE-06032013	6/3/2013	16	U		6	U		3.4	U		990			18	U	
SVE Refinery Header	HEADER-SVE-020912	2/9/2012	170	U		62	U		36	U		11000			190	U	
SVE Refinery Header	HEADER-SVE-021712	2/17/2012	350	U		33	U		18	U		8600			99	U	
SVE Refinery Header	HEADER-SVE-030112	3/1/2012	310	U		29	U		16	U		4000			88	U	
SVE Refinery Header	HEADER-SVE-030812	3/8/2012	39	U		15	U		8.4	U		2900			45	U	
SVE Refinery Header	HEADER-SVE-032312	3/23/2012	21	U		8	U		4.6	U		1800			24	U	
SVE Refinery Header	HEADER-SVE-032812	3/28/2012	10	U		3.9	U		2.2	U		1700			12	U	
SVE Refinery Header	MainHeader-SVE-113012	11/30/2012	16	U		6	U		3.4	U		1500			18	U	
SVE Refinery Header	MainHeader-121912	12/19/2012	15	U		5.8	U		3.3	U		3000			18	U	
SVE Refinery Header	MainHeader-SVE-01162013	1/16/2013	31	U		11	U		6.5	U		4200			35	U	
SVE Refinery Header	MainHeader-SVE-02202013	2/20/2013	47	U		18	UJ	UJ	10	U		3500			53	U	
SVE Refinery Header	MainHeader-SVE-03012013	3/1/2013	60	U		220	U		13	U		4400			68	U	
SVE Refinery Header	WFLHeader-SVE-04012013	4/1/2013	26	U		9.9	U		5.7	U		3300			30	U	
SVE Refinery Header	WFLHeader-SVE-05022013	5/2/2013	51	U		190	U		11	U		2700			58	U	
SVE Refinery Header	WFLHeader-SVE-06032013	6/3/2013	16	U		5.8	U		3.3	U		3400			18	U	
SVE RTO Exhaust	EXH-SVE-013112	1/31/2012	0.72	U		0.27	U		0.15	U		34			0.12	J	
SVE RTO Exhaust	EXH-SVE-020112	2/1/2012	0.012	U		0.0045	U		0.0025	U		0.15			0.0039	J	
SVE RTO Exhaust	EXH-SVE-020212	2/2/2012	0.017	U		0.0062	U		0.0036	U		0.59			0.0034	J	
SVE RTO Exhaust	EXH-SVE-020712	2/7/2012	0.0094	U		0.0036	U		0.002	U		0.2			0.0055	J	
SVE RTO Exhaust	EXH-SVE-020912	2/9/2012	0.062	U	UJ	0.023	U	UJ	0.013	U	UJ	0.29		J	0.0095	J	J
SVE RTO Exhaust	EXH-SVE-021412	2/14/2012	0.39	U		0.036	U		0.021	U		11			0.015	J	
SVE RTO Exhaust	EXH-SVE-021712	2/17/2012	0.72	U	UJ	0.068	U	UJ	0.039	U	UJ	6.9		J	0.14	J	J
SVE RTO Exhaust	EXH-SVE-022112	2/21/2012	0.92	U		3.5	U		0.2	U		27			1	U	
SVE RTO Exhaust	EXH-SVE-022412	2/24/2012	0.02	U		0.076	U		0.0043	U		0.36			0.018	J	
SVE RTO Exhaust	EXH-SVE-022712	2/27/2012	0.02	U		0.076	U		0.0043	U		0.3			0.089		
SVE RTO Exhaust	EXH-SVE-030112	3/1/2012	5.2	U		0.49	U		0.28	U		100			1.5	U	
SVE RTO Exhaust	EXH-SVE-032312	3/23/2012	0.028	U		0.1	U		0.0059	U		1.2			0.29		
SVE RTO Exhaust	EXH-SVE-04192012	4/19/2012	0.01	U		0.038	U		0.0022	U		0.32			0.017		
SVE RTO Exhaust	EXH-SVE-05172012	5/17/2012	0.39	U		0.15	U		0.084	U		50			0.45	U	
SVE RTO Exhaust	EXH-SVE-06212012	6/21/2012	1.3	U		4.8	U		0.27	U		45			1.4	U	
SVE RTO Exhaust	EXH-SVE-08312012	8/31/2012	0.65	U		2.4	U		0.14	U		32			0.21	J	
SVE RTO Exhaust	EXH-SVE-09282012	9/28/2012	1.2	U		0.46	U		0.26	U		22			1.4	U	
SVE RTO Exhaust	EXH-SVE-10252012	10/25/2012	1.6	U		0.62	U		0.35	U		31			1.9	U	
SVE RTO Exhaust	EXH-SVE-113012	11/30/2012	0.031	U		0.014	J		0.0067	U		1.8			0.095		
SVE RTO Exhaust	EXH-SVE-120312	12/3/2012	0.33	U		0.13	J		0.07	U		22			0.1	J	
SVE RTO Exhaust	EXH-SVE-120412	12/4/2012	0.016	U		0.06	J	U	0.0034	U		0.4			0.077		
SVE RTO Exhaust	EXH-SVE-120512	12/5/2012	0.29	U		0.1	J		0.062	U		12			0.12	J	
SVE RTO Exhaust	EXH-SVE-121012	12/10/2012	0.13	U		0.05	U		0.029	U		0.28			0.15	U	
SVE RTO Exhaust	EXH-SVE-121212	12/12/2012	0.14	U		0.052	U		0.03	U		16			0.015	J	
SVE RTO Exhaust	EXH-SVE-121712	12/17/2012	0.015	U		0.056	U		0.0023	J		0.26			0.01	J	
SVE RTO Exhaust	EXH-SVE-121912	12/19/2012	0.28	U		0.1	U		0.06	U		19			0.32	U	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE Public Works Header	PWHeader-121912	12/19/2012	2.3	U		4.6	U		3.4	U		6.3	U		7.8	U	
SVE Public Works Header	PWHeader-SVE-01162013	1/16/2013	4.6	U		9.3	U		6.8	U		13	U		16	U	
SVE Public Works Header	PWHeader-SVE-02202013	2/20/2013	4.4	U		8.9	U		6.5	U		12	U		15	U	
SVE Public Works Header	PWHeader-SVE-03012013	3/1/2013	22	J		18	U		13	U		24	U		30	U	
SVE Public Works Header	PWHeader-SVE-04012013	4/1/2013	4.7	U		9.5	U		7	U		13	U		16	U	
SVE Public Works Header	PWHeader-SVE-05022013	5/2/2013	37	U		19	U		14	U		25	U		31	U	
SVE Public Works Header	PWHeader-SVE-06032013	6/3/2013	4.8	U		9.7	U		7.1	U		13	U		16	U	
SVE Refinery Header	HEADER-SVE-020912	2/9/2012	200	U		100	U		74	U		140	U		170	U	
SVE Refinery Header	HEADER-SVE-021712	2/17/2012	26	U		53	U		39	U		72	U		89	U	
SVE Refinery Header	HEADER-SVE-030112	3/1/2012	23	U		12	J		34	U		63	U		79	U	
SVE Refinery Header	HEADER-SVE-030812	3/8/2012	12	U		24	U		18	U		32	U		40	U	
SVE Refinery Header	HEADER-SVE-032312	3/23/2012	6.4	U		13	U		9.5	U		18	U		22	U	
SVE Refinery Header	HEADER-SVE-032812	3/28/2012	3.1	U		6.3	U		4.6	U		8.6	U		11	U	
SVE Refinery Header	MainHeader-SVE-113012	11/30/2012	4.8	U		9.8	U		7.2	U		13	U		16	U	
SVE Refinery Header	MainHeader-121912	12/19/2012	4.6	U		9.3	U		6.8	U		13	U		16	U	
SVE Refinery Header	MainHeader-SVE-01162013	1/16/2013	9.2	U		19	U		14	U		25	U		31	U	
SVE Refinery Header	MainHeader-SVE-02202013	2/20/2013	14	U		28	U		21	U		38	U		48	U	
SVE Refinery Header	MainHeader-SVE-03012013	3/1/2013	25	J		36	U		27	U		49	U		61	U	
SVE Refinery Header	WFLHeader-SVE-04012013	4/1/2013	8	U		16	U		12	U		22	U		27	U	
SVE Refinery Header	WFLHeader-SVE-05022013	5/2/2013	62	U		31	U		23	U		42	U		52	U	
SVE Refinery Header	WFLHeader-SVE-06032013	6/3/2013	4.7	U		9.5	U		6.9	U		13	U		16	U	
SVE RTO Exhaust	EXH-SVE-013112	1/31/2012	0.56	J		0.44	U		0.32	U		0.59	U		0.73	U	
SVE RTO Exhaust	EXH-SVE-020112	2/1/2012	0.014	U		0.0072	U		0.0053	U		0.0098	U		0.012	U	
SVE RTO Exhaust	EXH-SVE-020212	2/2/2012	0.02	U		0.01	U		0.0074	U		0.014	U		0.017	U	
SVE RTO Exhaust	EXH-SVE-020712	2/7/2012	0.011	U		0.0058	U		0.0042	U		0.0078	U		0.0096	U	
SVE RTO Exhaust	EXH-SVE-020912	2/9/2012	0.074	U	UJ	0.037	U	UJ	0.027	U	UJ	0.051	U	UJ	0.063	U	UJ
SVE RTO Exhaust	EXH-SVE-021412	2/14/2012	0.029	U		0.059	U		0.043	U		0.08	U		0.099	U	
SVE RTO Exhaust	EXH-SVE-021712	2/17/2012	0.054	U	UJ	0.11	U	UJ	0.08	U	UJ	0.15	U	UJ	0.18	U	UJ
SVE RTO Exhaust	EXH-SVE-022112	2/21/2012	0.35	J		0.56	U		0.41	U		0.76	U		0.94	U	
SVE RTO Exhaust	EXH-SVE-022412	2/24/2012	0.024	J	U	0.012	U		0.009	U		0.017	U		0.021	U	
SVE RTO Exhaust	EXH-SVE-022712	2/27/2012	0.024	J	U	0.012	U		0.009	U		0.017	U		0.021	U	
SVE RTO Exhaust	EXH-SVE-030112	3/1/2012	0.39	U		0.48	J		0.58	U		1.1	U		1.3	U	
SVE RTO Exhaust	EXH-SVE-032312	3/23/2012	0.033	U		0.017	U		0.012	U		0.023	U		0.028	U	
SVE RTO Exhaust	EXH-SVE-04192012	4/19/2012	0.012	J	U	0.0062	U		0.0045	U		0.0083	U		0.01	U	
SVE RTO Exhaust	EXH-SVE-05172012	5/17/2012	0.12	U		0.24	U		0.18	U		0.32	U		0.4	U	
SVE RTO Exhaust	EXH-SVE-06212012	6/21/2012	0.76	J		0.77	U		0.57	U		1	U		1.3	U	
SVE RTO Exhaust	EXH-SVE-08312012	8/31/2012	1			0.4	U		0.29	U		0.54	U		0.66	U	
SVE RTO Exhaust	EXH-SVE-09282012	9/28/2012	0.37	U		0.74	U		0.54	U		1	U		1.2	U	
SVE RTO Exhaust	EXH-SVE-10252012	10/25/2012	0.5	U		1	U		0.73	U		1.4	U		1.7	U	
SVE RTO Exhaust	EXH-SVE-113012	11/30/2012	0.015	J		0.019	U		0.014	U		0.026	U		0.032	U	
SVE RTO Exhaust	EXH-SVE-120312	12/3/2012	0.4	U		0.2	U		0.15	U		0.27	U		0.34	U	
SVE RTO Exhaust	EXH-SVE-120412	12/4/2012	0.019	J	U	0.0098	U		0.0072	U		0.013	U		0.016	U	
SVE RTO Exhaust	EXH-SVE-120512	12/5/2012	0.35	U		0.18	U		0.13	U		0.24	U		0.3	U	
SVE RTO Exhaust	EXH-SVE-121012	12/10/2012	0.04	U		0.081	U		0.06	U		0.11	U		0.14	U	
SVE RTO Exhaust	EXH-SVE-121212	12/12/2012	0.042	U		0.085	U		0.062	U		0.12	U		0.14	U	
SVE RTO Exhaust	EXH-SVE-121712	12/17/2012	0.018	U		0.0092	U		0.0067	U		0.012	U		0.015	U	
SVE RTO Exhaust	EXH-SVE-121912	12/19/2012	0.084	U		0.17	U		0.12	U		0.23	U		0.28	U	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Chloroform			Chloromethane			Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE Public Works Header	PWHeader-121912	12/19/2012	3.6	U		6.1	U		30			5.7	U		4.4	U	
SVE Public Works Header	PWHeader-SVE-01162013	1/16/2013	7.2	U		12	U		48			11	U		8.9	U	
SVE Public Works Header	PWHeader-SVE-02202013	2/20/2013	6.9	U		12	U		64			11	U		8.5	U	
SVE Public Works Header	PWHeader-SVE-03012013	3/1/2013	14	U		59	U		60			22	U		17	U	
SVE Public Works Header	PWHeader-SVE-04012013	4/1/2013	7.4	U		12	U		49			12	U		9.1	U	
SVE Public Works Header	PWHeader-SVE-05022013	5/2/2013	14	U		62	U		48			23	U		18	U	
SVE Public Works Header	PWHeader-SVE-06032013	6/3/2013	7.5	U		13	U		62			12	U		9.2	U	
SVE Refinery Header	HEADER-SVE-020912	2/9/2012	79	U		130	U		520			120	U		97	U	
SVE Refinery Header	HEADER-SVE-021712	2/17/2012	41	U		69	U		570			64	U		50	U	
SVE Refinery Header	HEADER-SVE-030112	3/1/2012	36	U		62	U		660			57	U		45	U	
SVE Refinery Header	HEADER-SVE-030812	3/8/2012	19	U		32	U		410			29	U		23	U	
SVE Refinery Header	HEADER-SVE-032312	3/23/2012	10	U		17	U		220			16	U		12	U	
SVE Refinery Header	HEADER-SVE-032812	3/28/2012	4.9	U		8.3	U		190			7.7	U		6	U	
SVE Refinery Header	MainHeader-SVE-113012	11/30/2012	7.6	U		13	U		180			12	U		9.3	U	
SVE Refinery Header	MainHeader-121912	12/19/2012	7.2	U		12	U		290			11	U		8.9	U	
SVE Refinery Header	MainHeader-SVE-01162013	1/16/2013	14	U		24	U		410			23	U		18	U	
SVE Refinery Header	MainHeader-SVE-02202013	2/20/2013	22	U		37	U		380			35	U		27	U	
SVE Refinery Header	MainHeader-SVE-03012013	3/1/2013	28	U		120	U		440			44	U		35	U	
SVE Refinery Header	WFLHeader-SVE-04012013	4/1/2013	12	U		21	U		320			20	U		15	U	
SVE Refinery Header	WFLHeader-SVE-05022013	5/2/2013	24	U		100	U		140			38	U		30	U	
SVE Refinery Header	WFLHeader-SVE-06032013	6/3/2013	7.3	U		12	U		190			12	U		9	U	
SVE RTO Exhaust	EXH-SVE-013112	1/31/2012	0.34	U		0.57	U		2.8			0.12	J		0.1	J	
SVE RTO Exhaust	EXH-SVE-020112	2/1/2012	0.0056	U		0.0095	U		0.0093			0.0088	J	U	0.0069	J	U
SVE RTO Exhaust	EXH-SVE-020212	2/2/2012	0.0079	U		0.013	U		0.078			0.012	U		0.0097	U	
SVE RTO Exhaust	EXH-SVE-020712	2/7/2012	0.0045	U		0.0076	U		0.038			0.007	U		0.0055	U	
SVE RTO Exhaust	EXH-SVE-020912	2/9/2012	0.029	U	UJ	0.049	U	UJ	0.013	J	J	0.046	U	UJ	0.036	U	UJ
SVE RTO Exhaust	EXH-SVE-021412	2/14/2012	0.046	U		0.077	U		1.1			0.072	U		0.056	U	
SVE RTO Exhaust	EXH-SVE-021712	2/17/2012	0.085	U	UJ	0.14	U		3.5		J	0.13	U	UJ	0.1	U	UJ
SVE RTO Exhaust	EXH-SVE-022112	2/21/2012	0.44	U		1.8	U		22			0.69	U		0.54	U	
SVE RTO Exhaust	EXH-SVE-022412	2/24/2012	0.0096	U		0.04	U		0.25			0.015	U		0.012	U	
SVE RTO Exhaust	EXH-SVE-022712	2/27/2012	0.0096	U		0.04	U		0.1			0.015	U		0.012	U	
SVE RTO Exhaust	EXH-SVE-030112	3/1/2012	0.86			1	U		13			0.96	U		0.75	U	
SVE RTO Exhaust	EXH-SVE-032312	3/23/2012	0.013	U		0.055	U		0.21			0.02	U		0.016	U	
SVE RTO Exhaust	EXH-SVE-04192012	4/19/2012	0.0048	U		0.02	U		0.1			0.0075	U		0.0059	U	
SVE RTO Exhaust	EXH-SVE-05172012	5/17/2012	0.19	U		0.32	U		3.6			0.29	U		0.23	U	
SVE RTO Exhaust	EXH-SVE-06212012	6/21/2012	0.6	U		2.5	U		3.1			0.94	U		0.74	U	
SVE RTO Exhaust	EXH-SVE-08312012	8/31/2012	0.31	U		1.3	U		3			0.48	U		0.38	U	
SVE RTO Exhaust	EXH-SVE-09282012	9/28/2012	0.58	U		0.97	U		2.2			0.91	U		0.71	U	
SVE RTO Exhaust	EXH-SVE-10252012	10/25/2012	0.78	U		1.3	U		2.9			1.2	U		0.96	U	
SVE RTO Exhaust	EXH-SVE-113012	11/30/2012	0.015	U		0.062	U		0.13			0.023	U		0.018	U	
SVE RTO Exhaust	EXH-SVE-120312	12/3/2012	0.16	U		0.66	U		1.9			0.24	U		0.19	U	
SVE RTO Exhaust	EXH-SVE-120412	12/4/2012	0.0076	U		0.032	U		0.11			0.012	U		0.0093	U	
SVE RTO Exhaust	EXH-SVE-120512	12/5/2012	0.14	U		0.58	U		1.4			0.22	U		0.17	U	
SVE RTO Exhaust	EXH-SVE-121012	12/10/2012	0.063	U		0.11	U		0.08			0.1	U		0.078	U	
SVE RTO Exhaust	EXH-SVE-121212	12/12/2012	0.066	U		0.11	U		1.7			0.1	U		0.081	U	
SVE RTO Exhaust	EXH-SVE-121712	12/17/2012	0.0071	U		0.03	U		0.034			0.011	U		0.0087	U	
SVE RTO Exhaust	EXH-SVE-121912	12/19/2012	0.13	U		0.22	U		2.2			0.21	U		0.16	U	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE Public Works Header	PWHeader-121912	12/19/2012	4.4	U		4.4	U		3.6	U		3	U		3	U	
SVE Public Works Header	PWHeader-SVE-01162013	1/16/2013	8.9	U		8.9	U		7.3	U		6	U		6	U	
SVE Public Works Header	PWHeader-SVE-02202013	2/20/2013	8.5	U		8.5	U		7	U		5.7	U		5.7	U	
SVE Public Works Header	PWHeader-SVE-03012013	3/1/2013	17	U		17	U		14	U		12	U		12	U	
SVE Public Works Header	PWHeader-SVE-04012013	4/1/2013	9.1	U		9.1	U		7.5	U		6.1	U		6.1	U	
SVE Public Works Header	PWHeader-SVE-05022013	5/2/2013	18	U		18	U		15	U		12	U		12	U	
SVE Public Works Header	PWHeader-SVE-06032013	6/3/2013	9.2	U		9.2	U		7.6	U		6.2	U		6.2	U	
SVE Refinery Header	HEADER-SVE-020912	2/9/2012	97	U		97	U		80	U		65	U		65	U	
SVE Refinery Header	HEADER-SVE-021712	2/17/2012	50	U		50	U		42	U		34	U		34	U	
SVE Refinery Header	HEADER-SVE-030112	3/1/2012	45	U		45	U		37	U		30	U		30	U	
SVE Refinery Header	HEADER-SVE-030812	3/8/2012	23	U		23	U		19	U		15	U		15	U	
SVE Refinery Header	HEADER-SVE-032312	3/23/2012	12	U		12	U		10	U		8.3	U		8.3	U	
SVE Refinery Header	HEADER-SVE-032812	3/28/2012	6	U		6	U		5	U		4.1	U		4.1	U	
SVE Refinery Header	MainHeader-SVE-113012	11/30/2012	9.3	U		9.3	U		7.7	U		6.3	U		6.3	U	
SVE Refinery Header	MainHeader-121912	12/19/2012	8.9	U		8.9	U		7.3	U		6	U		6	U	
SVE Refinery Header	MainHeader-SVE-01162013	1/16/2013	18	U		18	U		15	U		12	U		12	U	
SVE Refinery Header	MainHeader-SVE-02202013	2/20/2013	27	U		27	U		22	U		18	U		18	U	
SVE Refinery Header	MainHeader-SVE-03012013	3/1/2013	35	U		35	U		29	U		23	U		23	U	
SVE Refinery Header	WFLHeader-SVE-04012013	4/1/2013	15	U		15	U		13	U		10	U		10	U	
SVE Refinery Header	WFLHeader-SVE-05022013	5/2/2013	30	U		30	U		24	U		20	U		20	U	
SVE Refinery Header	WFLHeader-SVE-06032013	6/3/2013	9	U		9	U		7.4	U		6.1	U		6.1	U	
SVE RTO Exhaust	EXH-SVE-013112	1/31/2012	0.11	J		0.14	J		0.34	U		0.28	U		0.28	U	
SVE RTO Exhaust	EXH-SVE-020112	2/1/2012	0.0069	J	U	0.0069	J	U	0.0013	J		0.0046	U		0.0046	J	U
SVE RTO Exhaust	EXH-SVE-020212	2/2/2012	0.0097	U		0.0097	J	U	0.008	U		0.0065	U		0.0065	U	
SVE RTO Exhaust	EXH-SVE-020712	2/7/2012	0.0055	U		0.0055	J	U	0.0045	U		0.0037	U		0.0037	U	
SVE RTO Exhaust	EXH-SVE-020912	2/9/2012	0.036	U	UJ	0.036	U	UJ	0.029	U	UJ	0.024	U	UJ	0.024	U	UJ
SVE RTO Exhaust	EXH-SVE-021412	2/14/2012	0.056	U		0.056	U		0.046	U		0.038	U		0.038	U	
SVE RTO Exhaust	EXH-SVE-021712	2/17/2012	0.1	U	UJ	0.1	U	UJ	0.086	U	UJ	0.071	U	UJ	0.071	U	UJ
SVE RTO Exhaust	EXH-SVE-022112	2/21/2012	0.54	U		0.54	U		0.44	U		0.36	U		0.36	U	
SVE RTO Exhaust	EXH-SVE-022412	2/24/2012	0.012	U		0.012	U		0.0097	U		0.0079	U		0.0079	U	
SVE RTO Exhaust	EXH-SVE-022712	2/27/2012	0.012	U		0.012	U		0.0097	U		0.0079	U		0.0079	U	
SVE RTO Exhaust	EXH-SVE-030112	3/1/2012	0.75	U		0.75	U		0.62	U		0.51	U		0.51	U	
SVE RTO Exhaust	EXH-SVE-032312	3/23/2012	0.016	U		0.016	U		0.013	U		0.011	U		0.011	U	
SVE RTO Exhaust	EXH-SVE-04192012	4/19/2012	0.0059	U		0.0059	J	U	0.0048	U		0.004	U		0.004	J	U
SVE RTO Exhaust	EXH-SVE-05172012	5/17/2012	0.23	U		0.23	U		0.19	U		0.15	U		0.15	U	
SVE RTO Exhaust	EXH-SVE-06212012	6/21/2012	0.74	U		0.74	U		0.61	U		0.5	U		0.5	U	
SVE RTO Exhaust	EXH-SVE-08312012	8/31/2012	0.38	U		0.38	U		0.31	U		0.26	U		0.25	U	
SVE RTO Exhaust	EXH-SVE-09282012	9/28/2012	0.71	U		0.71	U		0.58	U		0.48	U		0.48	U	
SVE RTO Exhaust	EXH-SVE-10252012	10/25/2012	0.96	U		0.96	U		0.79	U		0.64	U		0.64	U	
SVE RTO Exhaust	EXH-SVE-113012	11/30/2012	0.018	U		0.018	J	U	0.015	U		0.012	U		0.012	U	
SVE RTO Exhaust	EXH-SVE-120312	12/3/2012	0.19	U		0.19	U		0.16	U		0.13	U		0.13	U	
SVE RTO Exhaust	EXH-SVE-120412	12/4/2012	0.0093	J	U	0.0093	J	U	0.0077	U		0.0063	U		0.0063	U	
SVE RTO Exhaust	EXH-SVE-120512	12/5/2012	0.17	U		0.17	U		0.14	U		0.11	U		0.11	U	
SVE RTO Exhaust	EXH-SVE-121012	12/10/2012	0.078	U		0.078	U		0.064	U		0.052	U		0.052	U	
SVE RTO Exhaust	EXH-SVE-121212	12/12/2012	0.081	U		0.081	U		0.067	U		0.055	U		0.055	U	
SVE RTO Exhaust	EXH-SVE-121712	12/17/2012	0.0087	U		0.0087	J	U	0.0072	U		0.0059	U		0.0059	U	
SVE RTO Exhaust	EXH-SVE-121912	12/19/2012	0.16	U		0.16	U		0.13	U		0.11	U		0.11	U	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE Public Works Header	PWHeader-121912	12/19/2012	2.9	U		2.9	U		2.9	U		0.91	J		3.4	U	
SVE Public Works Header	PWHeader-SVE-01162013	1/16/2013	5.9	U		1.6	J		5.9	U		1.6	J		6.8	U	
SVE Public Works Header	PWHeader-SVE-02202013	2/20/2013	5.6	U		5.6	U		5.6	U		2.2	J		6.5	U	
SVE Public Works Header	PWHeader-SVE-03012013	3/1/2013	11	U		11	U		11	U		3.3	J		13	U	
SVE Public Works Header	PWHeader-SVE-04012013	4/1/2013	6	U		6	U		6	U		1.4	J		7	U	
SVE Public Works Header	PWHeader-SVE-05022013	5/2/2013	12	U		12	U		12	U		100	U		14	U	
SVE Public Works Header	PWHeader-SVE-06032013	6/3/2013	6.1	U		6.1	U		6.1	U		5.4	U		7.1	U	
SVE Refinery Header	HEADER-SVE-020912	2/9/2012	64	U		64	U		64	U		56	U		74	U	
SVE Refinery Header	HEADER-SVE-021712	2/17/2012	33	U		33	U		33	U		8.2	J		39	U	
SVE Refinery Header	HEADER-SVE-030112	3/1/2012	30	U		30	U		30	U		7.8	J		34	U	
SVE Refinery Header	HEADER-SVE-030812	3/8/2012	15	U		15	U		15	U		3.2	J		18	U	
SVE Refinery Header	HEADER-SVE-032312	3/23/2012	8.2	U		8.2	U		8.2	U		7.2	U		9.5	U	
SVE Refinery Header	HEADER-SVE-032812	3/28/2012	4	U		4	U		4	U		3.5	U		4.6	U	
SVE Refinery Header	MainHeader-SVE-113012	11/30/2012	6.2	U		6.2	U		6.2	U		5.4	U		7.2	U	
SVE Refinery Header	MainHeader-121912	12/19/2012	5.9	U		5.9	U		5.9	U		1.3	J		6.9	U	
SVE Refinery Header	MainHeader-SVE-01162013	1/16/2013	12	U		12	U		12	U		4.6	J		14	U	
SVE Refinery Header	MainHeader-SVE-02202013	2/20/2013	18	U		18	U		18	U		8.9	J		21	U	
SVE Refinery Header	MainHeader-SVE-03012013	3/1/2013	23	U		23	U		23	U		5.2	J		27	U	
SVE Refinery Header	WFLHeader-SVE-04012013	4/1/2013	10	U		10	U		10	U		2.9	J		12	U	
SVE Refinery Header	WFLHeader-SVE-05022013	5/2/2013	20	U		20	U		20	U		170	U		23	U	
SVE Refinery Header	WFLHeader-SVE-06032013	6/3/2013	6	U		6	U		6	U		5.2	U		7	U	
SVE RTO Exhaust	EXH-SVE-013112	1/31/2012	0.28	U		0.28	U		0.28	U		0.26			0.32	U	
SVE RTO Exhaust	EXH-SVE-020112	2/1/2012	0.0046	U		0.0046	U		0.0046	U		0.004	J	U	0.0053	U	
SVE RTO Exhaust	EXH-SVE-020212	2/2/2012	0.0064	U		0.0064	U		0.0064	U		0.0056	J	U	0.0074	U	
SVE RTO Exhaust	EXH-SVE-020712	2/7/2012	0.0036	U		0.0036	U		0.0036	U		0.0051			0.0042	U	
SVE RTO Exhaust	EXH-SVE-020912	2/9/2012	0.024	U	UJ	0.024	U	UJ	0.024	U	UJ	0.0097	J	J	0.027	U	UJ
SVE RTO Exhaust	EXH-SVE-021412	2/14/2012	0.037	U		0.037	U		0.037	U		0.011	J		0.043	U	
SVE RTO Exhaust	EXH-SVE-021712	2/17/2012	0.069	U	UJ	0.069	U	UJ	0.069	U	UJ	0.061	U	UJ	0.081	U	UJ
SVE RTO Exhaust	EXH-SVE-022112	2/21/2012	0.35	U		0.35	U		0.35	U		3.1	U		0.41	U	
SVE RTO Exhaust	EXH-SVE-022412	2/24/2012	0.0078	U		0.0078	U		0.0078	U		0.068	J	U	0.009	U	
SVE RTO Exhaust	EXH-SVE-022712	2/27/2012	0.0078	U		0.0078	U		0.0078	U		0.068	J	U	0.009	U	
SVE RTO Exhaust	EXH-SVE-030112	3/1/2012	0.5	U		0.5	U		0.5	U		0.42			0.58	U	
SVE RTO Exhaust	EXH-SVE-032312	3/23/2012	0.011	U		0.011	U		0.011	U		0.0038	J		0.012	U	
SVE RTO Exhaust	EXH-SVE-04192012	4/19/2012	0.0039	U		0.0039	U		0.0039	U		0.0021	J		0.0045	U	
SVE RTO Exhaust	EXH-SVE-05172012	5/17/2012	0.15	U		0.15	U		0.15	U		0.13	U		0.18	U	
SVE RTO Exhaust	EXH-SVE-06212012	6/21/2012	0.49	U		0.49	U		0.49	U		0.34	J		0.57	U	
SVE RTO Exhaust	EXH-SVE-08312012	8/31/2012	0.25	U		0.25	U		0.25	U		0.23	J		0.29	U	
SVE RTO Exhaust	EXH-SVE-09282012	9/28/2012	0.47	U		0.47	U		0.47	U		0.41	U		0.54	U	
SVE RTO Exhaust	EXH-SVE-10252012	10/25/2012	0.63	U		0.63	U		0.63	U		0.55	U		0.74	U	
SVE RTO Exhaust	EXH-SVE-113012	11/30/2012	0.012	U		0.012	U		0.012	U		0.1	U		0.014	U	
SVE RTO Exhaust	EXH-SVE-120312	12/3/2012	0.13	U		0.13	U		0.13	U		1.1	U		0.15	U	
SVE RTO Exhaust	EXH-SVE-120412	12/4/2012	0.0062	U		0.0062	U		0.0062	U		0.054	J	U	0.0072	U	
SVE RTO Exhaust	EXH-SVE-120512	12/5/2012	0.11	U		0.11	U		0.11	U		0.98	U		0.13	U	
SVE RTO Exhaust	EXH-SVE-121012	12/10/2012	0.051	U		0.051	U		0.051	U		0.045	U		0.06	U	
SVE RTO Exhaust	EXH-SVE-121212	12/12/2012	0.054	U		0.054	U		0.054	U		0.047	U		0.062	U	
SVE RTO Exhaust	EXH-SVE-121712	12/17/2012	0.0058	U		0.0058	U		0.0058	U		0.05	J	U	0.0067	U	
SVE RTO Exhaust	EXH-SVE-121912	12/19/2012	0.11	U		0.11	U		0.11	U		0.018	J		0.12	U	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane			Ethanol			Ethylbenzene		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE Public Works Header	PWHeader-121912	12/19/2012	3.4	U		3.4	U		11	U		5.6	U		0.79	J	
SVE Public Works Header	PWHeader-SVE-01162013	1/16/2013	6.7	U		6.7	U		21	U		11	U		6.4	U	
SVE Public Works Header	PWHeader-SVE-02202013	2/20/2013	6.4	U		6.4	U		20	U		11	U		2.1	J	
SVE Public Works Header	PWHeader-SVE-03012013	3/1/2013	13	U		13	U		41	U		22	U		3	J	
SVE Public Works Header	PWHeader-SVE-04012013	4/1/2013	6.9	U		6.9	U		22	U		11	U		1.1	J	
SVE Public Works Header	PWHeader-SVE-05022013	5/2/2013	14	U		14	U		43	U		20	J		12	J	
SVE Public Works Header	PWHeader-SVE-06032013	6/3/2013	7	U		7	U		22	U		12	U		6.5	J	
SVE Refinery Header	HEADER-SVE-020912	2/9/2012	73	U		73	U		230	U		120	U		70	U	
SVE Refinery Header	HEADER-SVE-021712	2/17/2012	38	U		38	U		120	U		63	U		6.4	J	
SVE Refinery Header	HEADER-SVE-030112	3/1/2012	34	U		34	U		110	U		56	U		16	J	
SVE Refinery Header	HEADER-SVE-030812	3/8/2012	17	U		17	U		55	U		29	U		5.4	J	
SVE Refinery Header	HEADER-SVE-032312	3/23/2012	9.3	U		9.3	U		30	U		16	U		14		
SVE Refinery Header	HEADER-SVE-032812	3/28/2012	4.6	U		4.6	U		14	U		7.6	U		18		
SVE Refinery Header	MainHeader-SVE-113012	11/30/2012	7	U		7	U		22	U		12	U		11		
SVE Refinery Header	MainHeader-121912	12/19/2012	6.7	U		6.7	U		21	U		11	U		17		
SVE Refinery Header	MainHeader-SVE-01162013	1/16/2013	13	U		13	U		43	U		4.2	J	J	14		
SVE Refinery Header	MainHeader-SVE-02202013	2/20/2013	20	U		20	U		65	U		34	U		22		
SVE Refinery Header	MainHeader-SVE-03012013	3/1/2013	26	U		26	U		84	U		44	U		35		
SVE Refinery Header	WFLHeader-SVE-04012013	4/1/2013	12	U		12	U		37	U		4.3	J		54		
SVE Refinery Header	WFLHeader-SVE-05022013	5/2/2013	22	U		22	U		71	U		37	U		28		
SVE Refinery Header	WFLHeader-SVE-06032013	6/3/2013	6.8	U		6.8	U		22	U		11	U		17		
SVE RTO Exhaust	EXH-SVE-013112	1/31/2012	0.32	U		0.32	U		1	U		0.28	J		0.15	J	
SVE RTO Exhaust	EXH-SVE-020112	2/1/2012	0.0052	U		0.0052	J	U	0.016	U		0.016			0.0025	J	
SVE RTO Exhaust	EXH-SVE-020212	2/2/2012	0.0073	U		0.0073	U		0.023	U		0.019			0.011		
SVE RTO Exhaust	EXH-SVE-020712	2/7/2012	0.0042	U		0.0042	U		0.013	U		0.023			0.004	J	
SVE RTO Exhaust	EXH-SVE-020912	2/9/2012	0.027	U	UJ	0.027	U	UJ	0.086	U	UJ	0.084		J	0.026	U	UJ
SVE RTO Exhaust	EXH-SVE-021412	2/14/2012	0.042	U		0.042	U		0.13	U		0.04	J		0.044		
SVE RTO Exhaust	EXH-SVE-021712	2/17/2012	0.079	U	UJ	0.079	U	UJ	0.25	U	UJ	0.56		J	0.21		J
SVE RTO Exhaust	EXH-SVE-022112	2/21/2012	0.41	U		0.41	U		1.3	U		0.67	U		3.3		
SVE RTO Exhaust	EXH-SVE-022412	2/24/2012	0.0089	U		0.0089	U		0.028	U		0.045			0.015		
SVE RTO Exhaust	EXH-SVE-022712	2/27/2012	0.0089	U		0.0089	U		0.028	U		0.1			0.0076	J	
SVE RTO Exhaust	EXH-SVE-030112	3/1/2012	0.57	U		0.57	U		1.8	U		0.94	U		1.1		
SVE RTO Exhaust	EXH-SVE-032312	3/23/2012	0.012	U		0.012	U		0.039	U		0.05			0.016		
SVE RTO Exhaust	EXH-SVE-04192012	4/19/2012	0.0044	U		0.0044	U		0.014	U		0.017		J	0.16		
SVE RTO Exhaust	EXH-SVE-05172012	5/17/2012	0.17	U		0.17	U		0.55	U		0.29	U		0.17		
SVE RTO Exhaust	EXH-SVE-06212012	6/21/2012	0.56	U		0.56	U		1.8	U		0.93	U	UJ	0.27	J	
SVE RTO Exhaust	EXH-SVE-08312012	8/31/2012	0.28	U		0.28	U		0.91	U		0.18	J	J	0.42		
SVE RTO Exhaust	EXH-SVE-09282012	9/28/2012	0.54	U		0.54	U		1.7	U		0.89	U		0.51	U	
SVE RTO Exhaust	EXH-SVE-10252012	10/25/2012	0.72	U		0.72	U		2.3	U		1.2	U		0.18	J	
SVE RTO Exhaust	EXH-SVE-113012	11/30/2012	0.014	U		0.014	J	U	0.044	U		0.015	J		0.014		
SVE RTO Exhaust	EXH-SVE-120312	12/3/2012	0.14	U		0.14	U		0.46	U		0.24	U		0.049	J	
SVE RTO Exhaust	EXH-SVE-120412	12/4/2012	0.007	U		0.007	U		0.022	U		0.013			0.12		
SVE RTO Exhaust	EXH-SVE-120512	12/5/2012	0.13	U		0.13	U		0.41	U		0.21	U		0.15		
SVE RTO Exhaust	EXH-SVE-121012	12/10/2012	0.059	U		0.059	U		0.19	U		0.098	U		0.052	J	
SVE RTO Exhaust	EXH-SVE-121212	12/12/2012	0.061	U		0.061	U		0.19	U		0.1	J	U	0.12		
SVE RTO Exhaust	EXH-SVE-121712	12/17/2012	0.0066	U		0.0066	U		0.021	U		0.027			0.019		
SVE RTO Exhaust	EXH-SVE-121912	12/19/2012	0.12	U		0.12	U		0.39	U		0.2	U		0.21		

TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE Public Works Header	PWHeader-121912	12/19/2012	3.6	U		5.7	U		5.2	U		19			32	U	
SVE Public Works Header	PWHeader-SVE-01162013	1/16/2013	7.3	U		11	U		10	U		30			63	U	
SVE Public Works Header	PWHeader-SVE-02202013	2/20/2013	6.9	U		11	U		9.8	U		40			60	U	
SVE Public Works Header	PWHeader-SVE-03012013	3/1/2013	14	U		22	U		20	U		40			120	U	
SVE Public Works Header	PWHeader-SVE-04012013	4/1/2013	7.4	U		12	U		10	U		32			65	U	
SVE Public Works Header	PWHeader-SVE-05022013	5/2/2013	15	U		23	U		21	U		76			130	U	
SVE Public Works Header	PWHeader-SVE-06032013	6/3/2013	7.6	U		12	U		11	U		62			66	U	
SVE Refinery Header	HEADER-SVE-020912	2/9/2012	79	U		120	U		110	U		350			690	U	
SVE Refinery Header	HEADER-SVE-021712	2/17/2012	41	U		64	U		59	U		370			360	U	
SVE Refinery Header	HEADER-SVE-030112	3/1/2012	7.7	J		57	U		52	U		500			320	U	
SVE Refinery Header	HEADER-SVE-030812	3/8/2012	19	U		29	U		27	U		240			160	U	
SVE Refinery Header	HEADER-SVE-032312	3/23/2012	2.6	J		16	U		14	U		200			88	U	
SVE Refinery Header	HEADER-SVE-032812	3/28/2012	2.7	J		7.7	U		7	U		190			43	U	
SVE Refinery Header	MainHeader-SVE-113012	11/30/2012	7.6	U		12	U		11	U		250			66	U	
SVE Refinery Header	MainHeader-121912	12/19/2012	7.3	U		11	U		10	U		330			63	U	
SVE Refinery Header	MainHeader-SVE-01162013	1/16/2013	14	U		23	U		21	U		420			130	U	
SVE Refinery Header	MainHeader-SVE-02202013	2/20/2013	9.3	J		35	U		32	U		490			190	U	
SVE Refinery Header	MainHeader-SVE-03012013	3/1/2013	28	U		44	U		40	U		400			250	U	
SVE Refinery Header	WFLHeader-SVE-04012013	4/1/2013	23			20	U		18	U		380			110	U	
SVE Refinery Header	WFLHeader-SVE-05022013	5/2/2013	11	J		38	U		35	U		240			210	U	
SVE Refinery Header	WFLHeader-SVE-06032013	6/3/2013	7	J		12	U		10	U		230			64	U	
SVE RTO Exhaust	EXH-SVE-013112	1/31/2012	0.34	U		0.53	U		0.48	U		3			3	U	
SVE RTO Exhaust	EXH-SVE-020112	2/1/2012	0.0056	J	U	0.0088	U		0.008	U		0.0094			0.049	U	
SVE RTO Exhaust	EXH-SVE-020212	2/2/2012	0.0036	J		0.012	U		0.011	U		0.067			0.069	U	
SVE RTO Exhaust	EXH-SVE-020712	2/7/2012	0.0045	J	U	0.007	U		0.0064	U		0.029			0.039	U	
SVE RTO Exhaust	EXH-SVE-020912	2/9/2012	0.029	U	UJ	0.046	U	UJ	0.042	U	UJ	0.008	J	J	0.25	U	UJ
SVE RTO Exhaust	EXH-SVE-021412	2/14/2012	0.0064	J		0.072	U		0.065	U		0.91			0.4	U	
SVE RTO Exhaust	EXH-SVE-021712	2/17/2012	0.034	J	J	0.13	U	UJ	0.12	U	UJ	1.5		J	0.75	U	UJ
SVE RTO Exhaust	EXH-SVE-022112	2/21/2012	0.27	J		0.68	U		0.62	U		27			3.8	U	
SVE RTO Exhaust	EXH-SVE-022412	2/24/2012	0.0081	J		0.015	U		0.014	U		0.18			0.084	U	
SVE RTO Exhaust	EXH-SVE-022712	2/27/2012	0.0025	J		0.015	U		0.014	U		0.12			0.084	U	
SVE RTO Exhaust	EXH-SVE-030112	3/1/2012	0.1	J		0.96	U		0.88	U		11			5.4	U	
SVE RTO Exhaust	EXH-SVE-032312	3/23/2012	0.0055	J		0.02	U		0.019	U		0.32			0.11	U	
SVE RTO Exhaust	EXH-SVE-04192012	4/19/2012	0.094		J	0.0075	U		0.0068	U		0.15			0.042	U	
SVE RTO Exhaust	EXH-SVE-05172012	5/17/2012	0.19	U		0.29	U		0.27	U		3.9			1.6	U	
SVE RTO Exhaust	EXH-SVE-06212012	6/21/2012	0.6	U		0.94	U		0.86	U		4			5.2	U	
SVE RTO Exhaust	EXH-SVE-08312012	8/31/2012	0.087	J		0.48	U		0.44	U		3.4			2.7	U	
SVE RTO Exhaust	EXH-SVE-09282012	9/28/2012	0.58	U		0.9	U		0.82	U		2.2			5	U	
SVE RTO Exhaust	EXH-SVE-10252012	10/25/2012	0.78	U		1.2	U		1.1	U		2.9			6.8	U	
SVE RTO Exhaust	EXH-SVE-113012	11/30/2012	0.0061	J		0.023	U		0.021	U		0.14			0.13	U	
SVE RTO Exhaust	EXH-SVE-120312	12/3/2012	0.16	U		0.24	U		0.22	U		2.3			1.4	U	
SVE RTO Exhaust	EXH-SVE-120412	12/4/2012	0.022			0.012	U		0.011	U		0.22			0.066	U	
SVE RTO Exhaust	EXH-SVE-120512	12/5/2012	0.14	U		0.22	U		0.2	U		2			1.2	U	
SVE RTO Exhaust	EXH-SVE-121012	12/10/2012	0.064	U		0.099	U		0.09	U		0.14			0.55	U	
SVE RTO Exhaust	EXH-SVE-121212	12/12/2012	0.066	U		0.1	U		0.094	U		2.1			0.58	U	
SVE RTO Exhaust	EXH-SVE-121712	12/17/2012	0.01			0.011	U		0.01	U		0.044			0.062	U	
SVE RTO Exhaust	EXH-SVE-121912	12/19/2012	0.045	J		0.21	U		0.19	U		2.4			1.2	U	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE Public Works Header	PWHeader-121912	12/19/2012	140			12	U		1400			3.6	U		3	U	
SVE Public Works Header	PWHeader-SVE-01162013	1/16/2013	230			24	U		2300			7.3	U		6.1	U	
SVE Public Works Header	PWHeader-SVE-02202013	2/20/2013	260			23	U		2200			6.9	U		23	U	
SVE Public Works Header	PWHeader-SVE-03012013	3/1/2013	260			47	U		2500			14	U		12	U	
SVE Public Works Header	PWHeader-SVE-04012013	4/1/2013	220			25	U		2100			7.4	U		6.2	U	
SVE Public Works Header	PWHeader-SVE-05022013	5/2/2013	280			49	U		2300			15	U		12	U	
SVE Public Works Header	PWHeader-SVE-06032013	6/3/2013	280			25	U		2200			7.6	U		6.3	U	
SVE Refinery Header	HEADER-SVE-020912	2/9/2012	2200			260	U		15000			79	U		66	U	
SVE Refinery Header	HEADER-SVE-021712	2/17/2012	3600			140	U		19000			41	U		34	U	
SVE Refinery Header	HEADER-SVE-030112	3/1/2012	2000			120	U		10000			37	U		30	U	
SVE Refinery Header	HEADER-SVE-030812	3/8/2012	1100			62	U		6100			19	U		16	U	
SVE Refinery Header	HEADER-SVE-032312	3/23/2012	880			34	U		3500			10	U		8.4	U	
SVE Refinery Header	HEADER-SVE-032812	3/28/2012	760			16	U		2900			1.1	J		4.1	U	
SVE Refinery Header	MainHeader-SVE-113012	11/30/2012	810			25	U		2100			7.6	U		6.4	U	
SVE Refinery Header	MainHeader-121912	12/19/2012	1300			24	U		4100			7.3	U		6.1	U	
SVE Refinery Header	MainHeader-SVE-01162013	1/16/2013	2200			48	U		6800			14	U		12	U	
SVE Refinery Header	MainHeader-SVE-02202013	2/20/2013	2000			74	U		5200			22	U		74	U	
SVE Refinery Header	MainHeader-SVE-03012013	3/1/2013	2300			95	U		5800			28	U		24	U	
SVE Refinery Header	WFLHeader-SVE-04012013	4/1/2013	1400			42	U		4900			3.9	J		10	U	
SVE Refinery Header	WFLHeader-SVE-05022013	5/2/2013	990			81	U		4100			24	U		20	U	
SVE Refinery Header	WFLHeader-SVE-06032013	6/3/2013	1000			25	U		4200			7.4	U		6.2	U	
SVE RTO Exhaust	EXH-SVE-013112	1/31/2012	11			1.1	U		61			0.34	U		0.28	U	
SVE RTO Exhaust	EXH-SVE-020112	2/1/2012	0.033			0.019	U		0.21			0.0011	J		0.0051		
SVE RTO Exhaust	EXH-SVE-020212	2/2/2012	0.19			0.026	U		0.81			0.0026	J		0.015		
SVE RTO Exhaust	EXH-SVE-020712	2/7/2012	0.06			0.015	U		0.35			0.0016	J		0.013		
SVE RTO Exhaust	EXH-SVE-020912	2/9/2012	0.043		J	0.097	U	UJ	0.4		J	0.029	U	UJ	0.024	U	UJ
SVE RTO Exhaust	EXH-SVE-021412	2/14/2012	6			0.15	U		27			0.046	U		0.038	U	
SVE RTO Exhaust	EXH-SVE-021712	2/17/2012	5.8		J	0.29	U	UJ	15		J	0.021	J	J	0.072	U	UJ
SVE RTO Exhaust	EXH-SVE-022112	2/21/2012	66			1.5	U		85			0.22	J		0.37	U	
SVE RTO Exhaust	EXH-SVE-022412	2/24/2012	0.43			0.032	U		1.3			0.0024	J		0.022		
SVE RTO Exhaust	EXH-SVE-022712	2/27/2012	0.31			0.012	J		0.74			0.011			0.054		
SVE RTO Exhaust	EXH-SVE-030112	3/1/2012	36			2	U		240			0.081	J		0.51	U	
SVE RTO Exhaust	EXH-SVE-032312	3/23/2012	0.65			0.046			2.4			0.0036	J		0.032		
SVE RTO Exhaust	EXH-SVE-04192012	4/19/2012	0.23			0.016	U		0.54			0.033			0.041		
SVE RTO Exhaust	EXH-SVE-05172012	5/17/2012	15			0.62	U		74			0.19	U		0.16	U	
SVE RTO Exhaust	EXH-SVE-06212012	6/21/2012	14			2	U		65			0.6	U		0.5	U	
SVE RTO Exhaust	EXH-SVE-08312012	8/31/2012	14			1	U		56			0.31	U		0.26	U	
SVE RTO Exhaust	EXH-SVE-09282012	9/28/2012	10			1.9	U		43			0.58	U		0.48	U	
SVE RTO Exhaust	EXH-SVE-10252012	10/25/2012	13			2.6	U		55			0.78	U		0.65	U	
SVE RTO Exhaust	EXH-SVE-113012	11/30/2012	0.84			0.012	J		3			0.015	U		0.012	U	
SVE RTO Exhaust	EXH-SVE-120312	12/3/2012	12			0.52	U		35			0.16	U		0.13	U	
SVE RTO Exhaust	EXH-SVE-120412	12/4/2012	0.46			0.013	J		0.74			0.0094			0.0018	J	
SVE RTO Exhaust	EXH-SVE-120512	12/5/2012	7.6			0.46	U		21			0.14	U		0.12	U	
SVE RTO Exhaust	EXH-SVE-121012	12/10/2012	0.29			0.21	U		0.52			0.064	U		0.053	U	
SVE RTO Exhaust	EXH-SVE-121212	12/12/2012	7.9			0.22	U		27			0.014	J		0.055	U	
SVE RTO Exhaust	EXH-SVE-121712	12/17/2012	0.14			0.024	U		0.41			0.0081			0.0061		
SVE RTO Exhaust	EXH-SVE-121912	12/19/2012	10			0.44	U	UJ	34			0.13	U		0.11	U	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE Public Works Header	PWHeader-121912	12/19/2012	2.7	U		7.3	U		3.6	U		3.2	U		5.1	U	
SVE Public Works Header	PWHeader-SVE-01162013	1/16/2013	5.3	U		14	U		7.3	U		6.3	U		10	U	
SVE Public Works Header	PWHeader-SVE-02202013	2/20/2013	5.1	U		14	U		6.9	U		6	U		9.7	U	
SVE Public Works Header	PWHeader-SVE-03012013	3/1/2013	10	U		28	U		14	U		12	U		20	U	
SVE Public Works Header	PWHeader-SVE-04012013	4/1/2013	5.5	U		15	U		7.4	U		6.4	U		10	U	
SVE Public Works Header	PWHeader-SVE-05022013	5/2/2013	11	U		9.2	J		3.2	J		5.6	J		20	U	
SVE Public Works Header	PWHeader-SVE-06032013	6/3/2013	5.6	U		15	U		7.6	U		6.6	U		10	U	
SVE Refinery Header	HEADER-SVE-020912	2/9/2012	58	U		160	U		79	U		68	U		110	U	
SVE Refinery Header	HEADER-SVE-021712	2/17/2012	30	U		82	U		41	U		36	U		58	U	
SVE Refinery Header	HEADER-SVE-030112	3/1/2012	27	U		73	U		37	U		32	U		51	U	
SVE Refinery Header	HEADER-SVE-030812	3/8/2012	14	U		38	U		19	U		16	U		26	U	
SVE Refinery Header	HEADER-SVE-032312	3/23/2012	7.4	U		1.3	J		10	U		8.8	U		14	U	
SVE Refinery Header	HEADER-SVE-032812	3/28/2012	3.6	U		9.9	U		1.5	J		4.3	U		6.9	U	
SVE Refinery Header	MainHeader-SVE-113012	11/30/2012	5.6	U		15	U		7.6	U		6.6	U		11	U	
SVE Refinery Header	MainHeader-121912	12/19/2012	0.67	J		14	U		7.3	U		6.3	U		10	U	
SVE Refinery Header	MainHeader-SVE-01162013	1/16/2013	1.3	J		1.8	J		14	U		13	U		20	U	
SVE Refinery Header	MainHeader-SVE-02202013	2/20/2013	16	U		3.8	J		22	U		19	U		31	U	
SVE Refinery Header	MainHeader-SVE-03012013	3/1/2013	21	U		57	U		28	U		25	U		40	U	
SVE Refinery Header	WFLHeader-SVE-04012013	4/1/2013	9.2	U		25	U		4.8	J		11	U		18	U	
SVE Refinery Header	WFLHeader-SVE-05022013	5/2/2013	18	U		11	J		24	U		4.9	J		34	U	
SVE Refinery Header	WFLHeader-SVE-06032013	6/3/2013	5.4	U		15	U		7.4	U		6.4	U		10	U	
SVE RTO Exhaust	EXH-SVE-013112	1/31/2012	0.25	U		0.24	J		0.048	J		0.3	U		0.48	U	
SVE RTO Exhaust	EXH-SVE-020112	2/1/2012	0.0041	U		0.0031	J		0.0056	J	U	0.0049	U		0.0079	U	
SVE RTO Exhaust	EXH-SVE-020212	2/2/2012	0.0058	U		0.002	J		0.0032	J		0.0068	U		0.011	U	
SVE RTO Exhaust	EXH-SVE-020712	2/7/2012	0.0033	U		0.0046	J		0.0014	J		0.0039	U		0.0063	U	
SVE RTO Exhaust	EXH-SVE-020912	2/9/2012	0.021	U	UJ	0.013	J	J	0.029	U	UJ	0.025	U	UJ	0.041	U	UJ
SVE RTO Exhaust	EXH-SVE-021412	2/14/2012	0.034	U		0.0076	J		0.046	U		0.04	U		0.064	U	
SVE RTO Exhaust	EXH-SVE-021712	2/17/2012	0.063	U	UJ	0.099	J	J	0.019	J	J	0.074	U	UJ	0.12	U	UJ
SVE RTO Exhaust	EXH-SVE-022112	2/21/2012	0.32	U		0.23	J		0.37	J		0.12	J		0.61	U	
SVE RTO Exhaust	EXH-SVE-022412	2/24/2012	0.0071	U		0.01	J		0.0016	J		0.0083	U		0.013	U	
SVE RTO Exhaust	EXH-SVE-022712	2/27/2012	0.0071	U		0.022			0.0096	U		0.0083	U		0.013	U	
SVE RTO Exhaust	EXH-SVE-030112	3/1/2012	0.45	U		1.2	U		0.62	U		0.53	U		0.86	U	
SVE RTO Exhaust	EXH-SVE-032312	3/23/2012	0.0097	U		0.0098	J		0.0026	J		0.011	U		0.018	U	
SVE RTO Exhaust	EXH-SVE-04192012	4/19/2012	0.0035	U		0.0044	J		0.034			0.0042	U		0.0067	U	
SVE RTO Exhaust	EXH-SVE-05172012	5/17/2012	0.14	U		0.38	U		0.19	U		0.16	U		0.26	U	
SVE RTO Exhaust	EXH-SVE-06212012	6/21/2012	0.44	U		0.26	J		0.6	U		0.12	J		0.84	U	
SVE RTO Exhaust	EXH-SVE-08312012	8/31/2012	0.23	U		0.18	J		0.046	J		0.094	J		0.43	U	
SVE RTO Exhaust	EXH-SVE-09282012	9/28/2012	0.42	U		1.2	U		0.58	U		0.5	U		0.81	U	
SVE RTO Exhaust	EXH-SVE-10252012	10/25/2012	0.58	U		1.6	U		0.78	U		0.68	U		1.1	U	
SVE RTO Exhaust	EXH-SVE-113012	11/30/2012	0.011	U		0.03	U		0.015	J	U	0.013	U		0.021	U	
SVE RTO Exhaust	EXH-SVE-120312	12/3/2012	0.12	U		0.31	U		0.16	U		0.14	U		0.22	U	
SVE RTO Exhaust	EXH-SVE-120412	12/4/2012	0.0056	U		0.015	U		0.0066	J		0.0066	U		0.011	U	
SVE RTO Exhaust	EXH-SVE-120512	12/5/2012	0.1	U		0.28	U		0.14	U		0.12	U		0.19	U	
SVE RTO Exhaust	EXH-SVE-121012	12/10/2012	0.047	U		0.13	U		0.064	U		0.055	U		0.089	U	
SVE RTO Exhaust	EXH-SVE-121212	12/12/2012	0.049	U		0.0084	J		0.066	U		0.058	U		0.093	U	
SVE RTO Exhaust	EXH-SVE-121712	12/17/2012	0.0052	U		0.0076	J		0.0037	J		0.0062	U		0.01	U	
SVE RTO Exhaust	EXH-SVE-121912	12/19/2012	0.097	U		0.15	J		0.13	U		0.12	U		0.18	U	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE Public Works Header	PWHeader-121912	12/19/2012	0.81	J		2.2	U		1.1	J		22	U		4	U	
SVE Public Works Header	PWHeader-SVE-01162013	1/16/2013	24			4.4	U		1.2	J		44	U		8.1	U	
SVE Public Works Header	PWHeader-SVE-02202013	2/20/2013	9.6	U		4.2	U		7.4			42	U		7.7	U	
SVE Public Works Header	PWHeader-SVE-03012013	3/1/2013	19	U		8.4	U		3.3	J		5.6	J		16	U	
SVE Public Works Header	PWHeader-SVE-04012013	4/1/2013	10	U		4.5	U		1.3	J		45	U		8.3	U	
SVE Public Works Header	PWHeader-SVE-05022013	5/2/2013	20	U		8.8	U		5	J		88	U		16	U	
SVE Public Works Header	PWHeader-SVE-06032013	6/3/2013	10	U		4.5	U		3.2	J		46	U		8.4	U	
SVE Refinery Header	HEADER-SVE-020912	2/9/2012	110	U		47	U		140			480	U		88	U	
SVE Refinery Header	HEADER-SVE-021712	2/17/2012	57	U		25	U		40			250	U		46	U	
SVE Refinery Header	HEADER-SVE-030112	3/1/2012	50	U		22	U		46			220	U		41	U	
SVE Refinery Header	HEADER-SVE-030812	3/8/2012	14	J		11	U		14	J		110	U		21	U	
SVE Refinery Header	HEADER-SVE-032312	3/23/2012	14	U		6.1	U		46			61	U		11	U	
SVE Refinery Header	HEADER-SVE-032812	3/28/2012	0.96	J		3	U		60			30	U		5.5	U	
SVE Refinery Header	MainHeader-SVE-113012	11/30/2012	10	U		4.6	U		52			46	U		8.5	U	
SVE Refinery Header	MainHeader-121912	12/19/2012	1.1	J		4.4	U		76			44	U		8.1	U	
SVE Refinery Header	MainHeader-SVE-01162013	1/16/2013	20	U		8.7	U		100			88	U		16	U	
SVE Refinery Header	MainHeader-SVE-02202013	2/20/2013	31	U		13	U		120			130	U		25	U	
SVE Refinery Header	MainHeader-SVE-03012013	3/1/2013	39	U		17	U		97			170	U		32	U	
SVE Refinery Header	WFLHeader-SVE-04012013	4/1/2013	17	U		7.5	U		83			76	U		14	U	
SVE Refinery Header	WFLHeader-SVE-05022013	5/2/2013	34	U		14	U		64			150	U		27	U	
SVE Refinery Header	WFLHeader-SVE-06032013	6/3/2013	10	U		4.4	U		41			45	U		8.2	U	
SVE RTO Exhaust	EXH-SVE-013112	1/31/2012	0.47	U		0.2	U		0.57			0.4	J		0.38	U	
SVE RTO Exhaust	EXH-SVE-020112	2/1/2012	0.0078	U		0.0034	U		0.0047			0.034	J	U	0.0063	U	
SVE RTO Exhaust	EXH-SVE-020212	2/2/2012	0.011	U		0.0047	U		0.014			0.048	U		0.0088	U	
SVE RTO Exhaust	EXH-SVE-020712	2/7/2012	0.0062	U		0.0027	U		0.006			0.027	U		0.005	U	
SVE RTO Exhaust	EXH-SVE-020912	2/9/2012	0.04	U	UJ	0.018	U	UJ	0.0073	J	J	0.18	U	UJ	0.032	U	UJ
SVE RTO Exhaust	EXH-SVE-021412	2/14/2012	0.063	U		0.028	U		0.13			0.28	U		0.051	U	
SVE RTO Exhaust	EXH-SVE-021712	2/17/2012	0.12	U	UJ	0.052	U	UJ	0.22		J	0.52	U	UJ	0.095	U	UJ
SVE RTO Exhaust	EXH-SVE-022112	2/21/2012	0.61	U		0.26	U		7			2.6	U		0.49	U	
SVE RTO Exhaust	EXH-SVE-022412	2/24/2012	0.013	U		0.0058	U		0.057			0.058	U		0.011	U	
SVE RTO Exhaust	EXH-SVE-022712	2/27/2012	0.013	U		0.0058	U		0.022			0.058	U		0.011	U	
SVE RTO Exhaust	EXH-SVE-030112	3/1/2012	0.85	U		0.37	U		1.9			3.7	U		0.68	U	
SVE RTO Exhaust	EXH-SVE-032312	3/23/2012	0.018	U		0.0079	U		0.036			0.08	U		0.015	U	
SVE RTO Exhaust	EXH-SVE-04192012	4/19/2012	0.0066	U		0.0029	U		0.19			0.029	J	U	0.0053	U	
SVE RTO Exhaust	EXH-SVE-05172012	5/17/2012	0.26	U		0.11	U		0.84			1.1	U		0.21	U	
SVE RTO Exhaust	EXH-SVE-06212012	6/21/2012	0.83	U		0.36	U		0.92			3.6	U		0.67	U	
SVE RTO Exhaust	EXH-SVE-08312012	8/31/2012	0.43	U		0.18	U		2.7			1.9	U		0.34	U	
SVE RTO Exhaust	EXH-SVE-09282012	9/28/2012	0.8	U		0.35	U		0.4	J		3.5	U		0.64	U	
SVE RTO Exhaust	EXH-SVE-10252012	10/25/2012	1.1	U		0.47	U		0.79			4.7	U		0.87	U	
SVE RTO Exhaust	EXH-SVE-113012	11/30/2012	0.02	U		0.0089	U		0.025			0.09	U		0.016	U	
SVE RTO Exhaust	EXH-SVE-120312	12/3/2012	0.22	U		0.094	U		0.3			0.95	U		0.17	U	
SVE RTO Exhaust	EXH-SVE-120412	12/4/2012	0.01	U		0.0046	U		0.18			0.046	U		0.0085	U	
SVE RTO Exhaust	EXH-SVE-120512	12/5/2012	0.19	U		0.083	U		0.51			0.84	U		0.15	U	
SVE RTO Exhaust	EXH-SVE-121012	12/10/2012	0.088	U		0.038	U		0.15			0.38	U		0.071	U	
SVE RTO Exhaust	EXH-SVE-121212	12/12/2012	0.092	U		0.04	U		0.41			0.4	U		0.074	U	
SVE RTO Exhaust	EXH-SVE-121712	12/17/2012	0.0099	U		0.0043	U		0.026			0.043	U		0.0079	U	
SVE RTO Exhaust	EXH-SVE-121912	12/19/2012	0.18	U		0.08	U		0.63			0.8	U		0.15	U	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	1,1,2-Trichloroethane			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE Public Works Header	PWHeader-121912	12/19/2012	4	U		0.37	J		4.2	U		3.6	U		3.6	U	
SVE Public Works Header	PWHeader-SVE-01162013	1/16/2013	8.1	U		1.9	J		8.3	U		7.3	U		7.3	U	
SVE Public Works Header	PWHeader-SVE-02202013	2/20/2013	7.7	U		7.6	U		7.9	U		1.6	J		6.9	U	
SVE Public Works Header	PWHeader-SVE-03012013	3/1/2013	16	U		15	U		16	U		14	U		14	U	
SVE Public Works Header	PWHeader-SVE-04012013	4/1/2013	8.3	U		8.1	U		8.5	U		7.4	U		7.4	U	
SVE Public Works Header	PWHeader-SVE-05022013	5/2/2013	16	U		16	U		17	U		15	U		15	U	
SVE Public Works Header	PWHeader-SVE-06032013	6/3/2013	8.4	U		8.3	U		8.6	U		7.6	U		7.6	U	
SVE Refinery Header	HEADER-SVE-020912	2/9/2012	88	U		86	U		90	U		79	U		79	U	
SVE Refinery Header	HEADER-SVE-021712	2/17/2012	46	U		45	U		47	U		160	U		41	U	
SVE Refinery Header	HEADER-SVE-030112	3/1/2012	41	U		40	U		6.8	J		13	J		37	U	
SVE Refinery Header	HEADER-SVE-030812	3/8/2012	21	U		20	U		21	U		19	U		19	U	
SVE Refinery Header	HEADER-SVE-032312	3/23/2012	11	U		11	U		12	U		1.8	J		10	U	
SVE Refinery Header	HEADER-SVE-032812	3/28/2012	5.5	U		5.4	U		5.6	U		1.7	J		0.92	J	
SVE Refinery Header	MainHeader-SVE-113012	11/30/2012	8.5	U		16			8.7	U		7.6	U		7.6	U	
SVE Refinery Header	MainHeader-121912	12/19/2012	8.1	U		8	U		8.3	U		7.3	U		7.3	U	
SVE Refinery Header	MainHeader-SVE-01162013	1/16/2013	16	U		16	U		17	U		14	U		14	U	
SVE Refinery Header	MainHeader-SVE-02202013	2/20/2013	25	U		24	U		25	U		6.5	J		22	U	
SVE Refinery Header	MainHeader-SVE-03012013	3/1/2013	32	U		31	U		32	U		28	U		28	U	
SVE Refinery Header	WFLHeader-SVE-04012013	4/1/2013	14	U		14	U		14	U		13			9.6	J	
SVE Refinery Header	WFLHeader-SVE-05022013	5/2/2013	27	U		27	U		28	U		5.6	J		24	U	
SVE Refinery Header	WFLHeader-SVE-06032013	6/3/2013	8.2	U		8.1	U		8.4	U		4	J		7.4	U	
SVE RTO Exhaust	EXH-SVE-013112	1/31/2012	0.38	U		0.37	U		0.39	U		0.1	J		0.057	J	
SVE RTO Exhaust	EXH-SVE-020112	2/1/2012	0.0063	U		0.0062	J	U	0.0065	U		0.0056	J	U	0.0056	J	U
SVE RTO Exhaust	EXH-SVE-020212	2/2/2012	0.0088	U		0.0086	U		0.009	U		0.0051	J		0.0079	J	U
SVE RTO Exhaust	EXH-SVE-020712	2/7/2012	0.005	U		0.0049	J	U	0.0051	U		0.0025	J		0.0045	J	U
SVE RTO Exhaust	EXH-SVE-020912	2/9/2012	0.032	U	UJ	0.032	U	UJ	0.033	U	UJ	0.029	U	UJ	0.029	U	UJ
SVE RTO Exhaust	EXH-SVE-021412	2/14/2012	0.051	U		0.05	U		0.052	U		0.18	U		0.046	U	
SVE RTO Exhaust	EXH-SVE-021712	2/17/2012	0.095	U	UJ	0.094	U	UJ	0.098	U	UJ	0.019	J	J	0.015	J	J
SVE RTO Exhaust	EXH-SVE-022112	2/21/2012	0.49	U		0.48	U		0.5	U		0.36	J		0.25	J	
SVE RTO Exhaust	EXH-SVE-022412	2/24/2012	0.011	U		0.01	U		0.011	U		0.016			0.0056	J	
SVE RTO Exhaust	EXH-SVE-022712	2/27/2012	0.011	U		0.01	U		0.011	U		0.0096	U		0.0096	U	
SVE RTO Exhaust	EXH-SVE-030112	3/1/2012	0.68	U		1			0.47	J		2.5	U		0.62	U	
SVE RTO Exhaust	EXH-SVE-032312	3/23/2012	0.015	U		0.014	U		0.015	U		0.0056	J		0.0019	J	
SVE RTO Exhaust	EXH-SVE-04192012	4/19/2012	0.0053	U		0.009			0.0055	U		0.084			0.032		
SVE RTO Exhaust	EXH-SVE-05172012	5/17/2012	0.21	U		0.2	U		0.21	U		0.19	U		0.19	U	
SVE RTO Exhaust	EXH-SVE-06212012	6/21/2012	0.67	U		0.66	U		0.69	U		0.6	U		0.6	U	
SVE RTO Exhaust	EXH-SVE-08312012	8/31/2012	0.34	U		0.34	U		0.35	U		0.31	U		0.31	U	
SVE RTO Exhaust	EXH-SVE-09282012	9/28/2012	0.64	U		0.63	U		0.66	U		0.58	U		0.58	U	
SVE RTO Exhaust	EXH-SVE-10252012	10/25/2012	0.87	U		0.86	U		0.9	U		0.78	U		0.78	U	
SVE RTO Exhaust	EXH-SVE-113012	11/30/2012	0.016	U		0.016	U		0.017	U		0.005	J		0.015	U	
SVE RTO Exhaust	EXH-SVE-120312	12/3/2012	0.17	U		0.17	U		0.18	U		0.16	U		0.16	U	
SVE RTO Exhaust	EXH-SVE-120412	12/4/2012	0.0085	U		0.0084	U		0.0087	U		0.0086			0.009		
SVE RTO Exhaust	EXH-SVE-120512	12/5/2012	0.15	U		0.15	U		0.16	U		0.14	U		0.14	U	
SVE RTO Exhaust	EXH-SVE-121012	12/10/2012	0.071	U		0.07	U		0.073	U		0.064	U		0.064	U	
SVE RTO Exhaust	EXH-SVE-121212	12/12/2012	0.074	U		0.072	U		0.076	U		0.066	U		0.066	U	
SVE RTO Exhaust	EXH-SVE-121712	12/17/2012	0.0079	U		0.0078	U		0.0082	U		0.0089			0.004	J	
SVE RTO Exhaust	EXH-SVE-121912	12/19/2012	0.15	U		0.14	U		0.15	U		0.028	J		0.13	U	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylene			o-Xylenes			TPH (C2-C10)		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE Public Works Header	PWHeader-121912	12/19/2012	120			1.9	U		0.97	J		3.2	U		12000		
SVE Public Works Header	PWHeader-SVE-01162013	1/16/2013	210			3.8	U		6.4	U		6.4	U		17000		
SVE Public Works Header	PWHeader-SVE-02202013	2/20/2013	240			3.6	U		3.1	J		0.99	J		15000		
SVE Public Works Header	PWHeader-SVE-03012013	3/1/2013	260			7.3	U		3	J		12	U		16000		
SVE Public Works Header	PWHeader-SVE-04012013	4/1/2013	150			3.9	U		1.2	J		6.6	U		11000		
SVE Public Works Header	PWHeader-SVE-05022013	5/2/2013	310			7.6	U		10	J		13	U		17000		
SVE Public Works Header	PWHeader-SVE-06032013	6/3/2013	340			3.9	U		7.3			6.7	U		16000		
SVE Refinery Header	HEADER-SVE-020912	2/9/2012	1600			41	U		70	U		70	U				
SVE Refinery Header	HEADER-SVE-021712	2/17/2012	1900			21	U		9.5	J		36	U				
SVE Refinery Header	HEADER-SVE-030112	3/1/2012	2300			19	U		36			8.3	J				
SVE Refinery Header	HEADER-SVE-030812	3/8/2012	1300			9.8	U		9.2	J		16	U		70000		
SVE Refinery Header	HEADER-SVE-032312	3/23/2012	740			5.3	U		26			4.8	J		34000		
SVE Refinery Header	HEADER-SVE-032812	3/28/2012	700			2.6	U		34			6			32000		
SVE Refinery Header	MainHeader-SVE-113012	11/30/2012	1000			4	U		24			4.6	J		30000		J
SVE Refinery Header	MainHeader-121912	12/19/2012	1500			3.8	U		32			6.9			54000		J
SVE Refinery Header	MainHeader-SVE-01162013	1/16/2013	1800			7.6	U		24			4	J		58000		J
SVE Refinery Header	MainHeader-SVE-02202013	2/20/2013	2000			12	U		48			12	J		54000		J
SVE Refinery Header	MainHeader-SVE-03012013	3/1/2013	2200			15	U		71			15	J		55000		J
SVE Refinery Header	WFLHeader-SVE-04012013	4/1/2013	1200			6.5	U		160			46			48000		J
SVE Refinery Header	WFLHeader-SVE-05022013	5/2/2013	1200			13	U		75			20	J		42000		
SVE Refinery Header	WFLHeader-SVE-06032013	6/3/2013	1100			3.8	U		48			12			37000		
SVE RTO Exhaust	EXH-SVE-013112	1/31/2012	8.2			0.18	U		0.29	J		0.072	J				
SVE RTO Exhaust	EXH-SVE-020112	2/1/2012	0.024			0.0029	U		0.0062			0.0018	J				
SVE RTO Exhaust	EXH-SVE-020212	2/2/2012	0.43			0.0041	U		0.026			0.0051	J				
SVE RTO Exhaust	EXH-SVE-020712	2/7/2012	0.12			0.0023	U		0.0086			0.0018	J				
SVE RTO Exhaust	EXH-SVE-020912	2/9/2012	0.025	J	J	0.015	U	UJ	0.026	U	UJ	0.026	U	UJ			
SVE RTO Exhaust	EXH-SVE-021412	2/14/2012	3.2			0.024	U		0.072			0.013	J				
SVE RTO Exhaust	EXH-SVE-021712	2/17/2012	23		J	0.045	U	UJ	0.42		J	0.097		J			
SVE RTO Exhaust	EXH-SVE-022112	2/21/2012	83			0.23	U		6			1			2700		
SVE RTO Exhaust	EXH-SVE-022412	2/24/2012	1.1			0.005	U		0.065			0.017			38		
SVE RTO Exhaust	EXH-SVE-022712	2/27/2012	0.36			0.005	U		0.013			0.0034	J		22		
SVE RTO Exhaust	EXH-SVE-030112	3/1/2012	41			0.32	U		1.7			0.19	J				
SVE RTO Exhaust	EXH-SVE-032312	3/23/2012	0.82			0.0068	U		0.031			0.0068	J		49		
SVE RTO Exhaust	EXH-SVE-04192012	4/19/2012	0.4			0.0025	U		0.4			0.11			20		
SVE RTO Exhaust	EXH-SVE-05172012	5/17/2012	14			0.098	U		0.31			0.052	J		780		
SVE RTO Exhaust	EXH-SVE-06212012	6/21/2012	13			0.31	U		0.47	J		0.53	U		740		
SVE RTO Exhaust	EXH-SVE-08312012	8/31/2012	13			0.16	U		0.73			0.2	J		690		
SVE RTO Exhaust	EXH-SVE-09282012	9/28/2012	11			0.3	U		0.15	J		0.51	U		680		
SVE RTO Exhaust	EXH-SVE-10252012	10/25/2012	13			0.41	U		0.32	J		0.074	J		610		
SVE RTO Exhaust	EXH-SVE-113012	11/30/2012	0.92			0.0077	U		0.033			0.0098	J		26		
SVE RTO Exhaust	EXH-SVE-120312	12/3/2012	11			0.082	U		0.11	J		0.14	U		310		J
SVE RTO Exhaust	EXH-SVE-120412	12/4/2012	0.63			0.004	U		0.35			0.096			19		
SVE RTO Exhaust	EXH-SVE-120512	12/5/2012	8.8			0.072	U		0.33			0.064	J		230		
SVE RTO Exhaust	EXH-SVE-121012	12/10/2012	0.38			0.033	U		0.11			0.022	J		13		
SVE RTO Exhaust	EXH-SVE-121212	12/12/2012	9.4			0.034	U		0.26			0.052	J		310		
SVE RTO Exhaust	EXH-SVE-121712	12/17/2012	0.18			0.0037	U		0.052			0.014			6		
SVE RTO Exhaust	EXH-SVE-121912	12/19/2012	11			0.069	U		0.47			0.11	J		390		

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	TPH (Gasoline Range)			BTU			Butane			Isopentane			Acetylene		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier
SVE Public Works Header	PWHeader-121912	12/19/2012							0.033			0.069			0.003	U	
SVE Public Works Header	PWHeader-SVE-01162013	1/16/2013				0.042			0.089						0.003	U	
SVE Public Works Header	PWHeader-SVE-02202013	2/20/2013				0.038			0.084						0.0028	U	
SVE Public Works Header	PWHeader-SVE-03012013	3/1/2013				0.041			0.093						0.0029	U	
SVE Public Works Header	PWHeader-SVE-04012013	4/1/2013				0.032			0.07						0.003	U	
SVE Public Works Header	PWHeader-SVE-05022013	5/2/2013				0.046			0.1						0.003	U	
SVE Public Works Header	PWHeader-SVE-06032013	6/3/2013				0.044			0.096						0.0031	U	
SVE Refinery Header	HEADER-SVE-020912	2/9/2012	99000						0.61			0.6			0.0016	U	
SVE Refinery Header	HEADER-SVE-021712	2/17/2012	97000						0.45			0.57			0.002	U	
SVE Refinery Header	HEADER-SVE-030112	3/1/2012	91000						0.23			0.32			0.0018	U	
SVE Refinery Header	HEADER-SVE-030812	3/8/2012							0.2			0.3			0.0019	U	
SVE Refinery Header	HEADER-SVE-032312	3/23/2012							0.1			0.13			0.0021	U	
SVE Refinery Header	HEADER-SVE-032812	3/28/2012							0.095			0.12			0.002	U	
SVE Refinery Header	MainHeader-SVE-113012	11/30/2012							0.084			0.1			0.0031	U	
SVE Refinery Header	MainHeader-121912	12/19/2012							0.18			0.22			0.003	U	
SVE Refinery Header	MainHeader-SVE-01162013	1/16/2013				0.2			0.24						0.003	U	
SVE Refinery Header	MainHeader-SVE-02202013	2/20/2013				0.16			0.2						0.0029	U	
SVE Refinery Header	MainHeader-SVE-03012013	3/1/2013				0.19			0.22						0.0029	U	
SVE Refinery Header	WFLHeader-SVE-04012013	4/1/2013				0.16			0.18						0.0026	U	
SVE Refinery Header	WFLHeader-SVE-05022013	5/2/2013				0.16			0.19						0.003	U	
SVE Refinery Header	WFLHeader-SVE-06032013	6/3/2013				0.14			0.17						0.003	U	
SVE RTO Exhaust	EXH-SVE-013112	1/31/2012	480						0.0018			0.0023			0.0014	U	
SVE RTO Exhaust	EXH-SVE-020112	2/1/2012	1.9						0.0023	U		0.0023	U		0.0023	U	
SVE RTO Exhaust	EXH-SVE-020212	2/2/2012	15						0.0016	U		0.000034	J		0.0016	U	
SVE RTO Exhaust	EXH-SVE-020712	2/7/2012	7.2						0.0014	U		0.0014	U		0.0014	U	
SVE RTO Exhaust	EXH-SVE-020912	2/9/2012	5.2		J				0.0091	U	UJ	0.0091	U	UJ	0.0091	U	UJ
SVE RTO Exhaust	EXH-SVE-021412	2/14/2012	180						0.00054	J		0.00071	J		0.0019	U	
SVE RTO Exhaust	EXH-SVE-021712	2/17/2012	430		J				0.00035	J	J	0.00038	J		0.0035	U	UJ
SVE RTO Exhaust	EXH-SVE-022112	2/21/2012							0.0013	J		0.0031			0.0018	U	
SVE RTO Exhaust	EXH-SVE-022412	2/24/2012							0.002	U		0.000046	J		0.002	U	
SVE RTO Exhaust	EXH-SVE-022712	2/27/2012							0.002	U		0.002	U		0.002	U	
SVE RTO Exhaust	EXH-SVE-030112	3/1/2012	1700						0.005			0.0064			0.0019	U	
SVE RTO Exhaust	EXH-SVE-032312	3/23/2012							0.000068	J		0.000094	J		0.002	U	
SVE RTO Exhaust	EXH-SVE-04192012	4/19/2012							0.0034	U		0.0034	U		0.0034	U	
SVE RTO Exhaust	EXH-SVE-05172012	5/17/2012				1.9	U		0.002			0.0024			0.0019	U	
SVE RTO Exhaust	EXH-SVE-06212012	6/21/2012							0.0019	J		0.0022			0.002	U	
SVE RTO Exhaust	EXH-SVE-08312012	8/31/2012							0.0013	J		0.0018	J		0.003	U	
SVE RTO Exhaust	EXH-SVE-09282012	9/28/2012							0.0013	J		0.0017	J		0.0028	U	
SVE RTO Exhaust	EXH-SVE-10252012	10/25/2012							0.0016	J		0.0021	J		0.0032	U	
SVE RTO Exhaust	EXH-SVE-113012	11/30/2012							0.000088	J		0.0001	J		0.003	U	
SVE RTO Exhaust	EXH-SVE-120312	12/3/2012							0.00097	J		0.0012	J		0.0032	U	
SVE RTO Exhaust	EXH-SVE-120412	12/4/2012							0.0031	U		0.0031	U		0.0031	U	
SVE RTO Exhaust	EXH-SVE-120512	12/5/2012							0.00051	J		0.00068	J		0.0028	U	
SVE RTO Exhaust	EXH-SVE-121012	12/10/2012							0.0026	U		0.0026	U		0.0026	U	
SVE RTO Exhaust	EXH-SVE-121212	12/12/2012							0.00078	J		0.001	J		0.0027	U	
SVE RTO Exhaust	EXH-SVE-121712	12/17/2012							0.0029	U		0.0029	U		0.0029	U	
SVE RTO Exhaust	EXH-SVE-121912	12/19/2012							0.00092	J		0.0012	J		0.0027	U	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	C6+			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
			Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier
SVE Public Works Header	PWHeader-121912	12/19/2012	0.11			5.9			0.03	U		0.00019	J		0.003	U	
SVE Public Works Header	PWHeader-SVE-01162013	1/16/2013	0.15			7.2			0.15	U		0.00024	J		0.003	U	
SVE Public Works Header	PWHeader-SVE-02202013	2/20/2013	0.15			6			0.14	U		0.00023	J		0.0028	U	
SVE Public Works Header	PWHeader-SVE-03012013	3/1/2013	0.18			6.3			0.029	U		0.00027	J		0.0029	U	
SVE Public Works Header	PWHeader-SVE-04012013	4/1/2013	0.2			4.6			0.03	U		0.00017	J		0.003	U	
SVE Public Works Header	PWHeader-SVE-05022013	5/2/2013	0.19			5.4			0.03	U		0.00024	J		0.003	U	
SVE Public Works Header	PWHeader-SVE-06032013	6/3/2013	0.14			5.6			0.031	U		0.00027	J		0.0031	U	
SVE Refinery Header	HEADER-SVE-020912	2/9/2012	0.79			8.1			0.016	U		0.0032			0.000039	J	
SVE Refinery Header	HEADER-SVE-021712	2/17/2012	0.9			7			0.02	U		0.0024			0.002	U	
SVE Refinery Header	HEADER-SVE-030112	3/1/2012	0.7			7.9			0.018	U		0.0016	J		0.000072	J	
SVE Refinery Header	HEADER-SVE-030812	3/8/2012	0.56			8.1			0.019	U		0.0018	J		0.00011	J	
SVE Refinery Header	HEADER-SVE-032312	3/23/2012	0.26			2.2			0.021	U		0.0006	J		0.0021	U	
SVE Refinery Header	HEADER-SVE-032812	3/28/2012	0.26			2.2			0.02	U		0.0006	J		0.002	U	
SVE Refinery Header	MainHeader-SVE-113012	11/30/2012	0.31			3.1			0.031	U		0.00044	J		0.0031	U	
SVE Refinery Header	MainHeader-121912	12/19/2012	0.56			7			0.03	U		0.00089	J		0.003	U	
SVE Refinery Header	MainHeader-SVE-01162013	1/16/2013	0.68			7.4			0.15	U		0.00089	J		0.003	U	
SVE Refinery Header	MainHeader-SVE-02202013	2/20/2013	0.59			6.6			0.14	U		0.00076	J		0.0029	U	
SVE Refinery Header	MainHeader-SVE-03012013	3/1/2013	0.63			7			0.029	U		0.00084	J		0.0029	U	
SVE Refinery Header	WFLHeader-SVE-04012013	4/1/2013	0.53			6			0.026	U		0.00067	J		0.0026	U	
SVE Refinery Header	WFLHeader-SVE-05022013	5/2/2013	0.48			5.8			0.03	U		0.00071	J		0.003	U	
SVE Refinery Header	WFLHeader-SVE-06032013	6/3/2013	0.37			5.9			0.03	U		0.00063	J		0.003	U	
SVE RTO Exhaust	EXH-SVE-013112	1/31/2012	0.0034	J		1			0.014	U		0.0014	U		0.000058	J	
SVE RTO Exhaust	EXH-SVE-020112	2/1/2012	0.023	U		0.27			0.023	U		0.0023	U		0.0023	U	
SVE RTO Exhaust	EXH-SVE-020212	2/2/2012	0.016	U		0.56			0.016	U		0.0016	U		0.0016	U	
SVE RTO Exhaust	EXH-SVE-020712	2/7/2012	0.014	U		0.57			0.014	U		0.0014	U		0.0014	U	
SVE RTO Exhaust	EXH-SVE-020912	2/9/2012	0.091	U	UJ	0.45		J	0.091	U	UJ	0.0091	U	UJ	0.0091	U	UJ
SVE RTO Exhaust	EXH-SVE-021412	2/14/2012	0.00096	J		1.1			0.019	U		0.0019	U		0.0019	U	
SVE RTO Exhaust	EXH-SVE-021712	2/17/2012	0.0025	J	J	1		J	0.035	U	UJ	0.0035	U	UJ	0.0035	U	UJ
SVE RTO Exhaust	EXH-SVE-022112	2/21/2012	0.021			0.94			0.018	U		0.0018	U		0.0018	U	
SVE RTO Exhaust	EXH-SVE-022412	2/24/2012	0.02	U		0.25			0.02	U		0.002	U		0.002	U	
SVE RTO Exhaust	EXH-SVE-022712	2/27/2012	0.02	U		0.64			0.02	U		0.002	U		0.002	U	
SVE RTO Exhaust	EXH-SVE-030112	3/1/2012	0.015	J		0.27			0.019	U		0.000048	J		0.0019	U	
SVE RTO Exhaust	EXH-SVE-032312	3/23/2012	0.00081	J		0.84			0.02	U		0.002	U		0.002	U	
SVE RTO Exhaust	EXH-SVE-04192012	4/19/2012	0.034	J	U	0.77			0.034	U		0.0034	U		0.0034	U	
SVE RTO Exhaust	EXH-SVE-05172012	5/17/2012	0.0046	J		0.9			0.019	U		0.0019	U		0.0019	U	
SVE RTO Exhaust	EXH-SVE-06212012	6/21/2012	0.0044	J		0.85			0.02	U		0.002	U		0.0001	J	
SVE RTO Exhaust	EXH-SVE-08312012	8/31/2012	0.0037	J		0.94			0.03	U		0.003	U		0.000075	J	
SVE RTO Exhaust	EXH-SVE-09282012	9/28/2012	0.0039	J		1.2			0.028	U		0.0028	U		0.0001	J	
SVE RTO Exhaust	EXH-SVE-10252012	10/25/2012	0.0047	J		1.2			0.032	U		0.0032	U		0.00015	J	
SVE RTO Exhaust	EXH-SVE-113012	11/30/2012		J		1.2			0.03	U		0.003	U		0.003	U	
SVE RTO Exhaust	EXH-SVE-120312	12/3/2012	0.0024	J		0.65			0.032	U		0.0032	U		0.0032	U	
SVE RTO Exhaust	EXH-SVE-120412	12/4/2012	0.031	U		0.86			0.031	U		0.0031	U		0.0031	U	
SVE RTO Exhaust	EXH-SVE-120512	12/5/2012	0.0017	J		0.74			0.028	U		0.0028	U		0.0028	U	
SVE RTO Exhaust	EXH-SVE-121012	12/10/2012	0.026	U		0.78			0.026	U		0.0026	U		0.0026	U	
SVE RTO Exhaust	EXH-SVE-121212	12/12/2012	0.0027	J		0.64			0.027	U		0.0027	U		0.0027	U	
SVE RTO Exhaust	EXH-SVE-121712	12/17/2012	0.029	U		0.78			0.029	U		0.0029	U		0.0029	U	
SVE RTO Exhaust	EXH-SVE-121912	12/19/2012	0.0028	J		0.69			0.027	U		0.0027	U		0.0027	U	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Hydrogen			Isobutane			Methane			Neopentane			Nitrogen		
			Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier
SVE Public Works Header	PWHeader-121912	12/19/2012	0.03	U		0.0037			3.1			0.0002	J		77		
SVE Public Works Header	PWHeader-SVE-01162013	1/16/2013	0.03	U		0.0045			4.1			0.00024	J		76		
SVE Public Works Header	PWHeader-SVE-02202013	2/20/2013	0.028	U		0.0042			3.9			0.00029	J		78		
SVE Public Works Header	PWHeader-SVE-03012013	3/1/2013	0.029	U		0.0045			4.3			0.00025	J		75		
SVE Public Works Header	PWHeader-SVE-04012013	4/1/2013	0.03	U		0.0035			3.6			0.003	U		75		
SVE Public Works Header	PWHeader-SVE-05022013	5/2/2013	0.03	U		0.0047			4.5			0.003	U		76		
SVE Public Works Header	PWHeader-SVE-06032013	6/3/2013	0.031	U		0.0048			4.4			0.0031	U		76		
SVE Refinery Header	HEADER-SVE-020912	2/9/2012	0.016	U		0.069			12			0.0021			71		
SVE Refinery Header	HEADER-SVE-021712	2/17/2012	0.02	U		0.059			8.5			0.0019	J		74		
SVE Refinery Header	HEADER-SVE-030112	3/1/2012	0.018	U		0.035			6.9			0.0012	J		78		
SVE Refinery Header	HEADER-SVE-030812	3/8/2012	0.019	U		0.034			6			0.0012	J		78		
SVE Refinery Header	HEADER-SVE-032312	3/23/2012	0.021	U		0.013			2.1			0.00065	J		78		
SVE Refinery Header	HEADER-SVE-032812	3/28/2012	0.02	U		0.012			2			0.00042	J		78		
SVE Refinery Header	MainHeader-SVE-113012	11/30/2012	0.031	U		0.0096			1.5			0.00036	J		78		
SVE Refinery Header	MainHeader-121912	12/19/2012	0.03	U		0.02			3.2			0.00079	J		78		
SVE Refinery Header	MainHeader-SVE-01162013	1/16/2013	0.03	U		0.022			3.3			0.00089	J		78		
SVE Refinery Header	MainHeader-SVE-02202013	2/20/2013	0.029	U		0.018			2.8			0.00081	J		78		
SVE Refinery Header	MainHeader-SVE-03012013	3/1/2013	0.029	U		0.021			3.1			0.00081	J		77		
SVE Refinery Header	WFLHeader-SVE-04012013	4/1/2013	0.026	U		0.018			2.7			0.00032	J		77		
SVE Refinery Header	WFLHeader-SVE-05022013	5/2/2013	0.03	U		0.018			2.8			0.00035	J		78		
SVE Refinery Header	WFLHeader-SVE-06032013	6/3/2013	0.03	U		0.016			2.8			0.003	U		78		
SVE RTO Exhaust	EXH-SVE-013112	1/31/2012	0.014	U		0.00022	J		0.034			0.0014	U		79		
SVE RTO Exhaust	EXH-SVE-020112	2/1/2012	0.023	U		0.0023	U		0.00018	J		0.0023	U		80		
SVE RTO Exhaust	EXH-SVE-020212	2/2/2012	0.016	U		0.0016	U		0.00075			0.0016	U		78		
SVE RTO Exhaust	EXH-SVE-020712	2/7/2012	0.014	U		0.0014	U		0.00045			0.0014	U		78		
SVE RTO Exhaust	EXH-SVE-020912	2/9/2012	0.091	U	UJ	0.0091	U	UJ	0.00048	J	J	0.0091	U	UJ	84		J
SVE RTO Exhaust	EXH-SVE-021412	2/14/2012	0.019	U		0.000068	J		0.01			0.0019	U		79		
SVE RTO Exhaust	EXH-SVE-021712	2/17/2012	0.035	U	UJ	0.0035	U	UJ	0.0013		J	0.0035	U	UJ	80		J
SVE RTO Exhaust	EXH-SVE-022112	2/21/2012	0.018	U		0.00011	J		0.0037			0.0018	U		79		
SVE RTO Exhaust	EXH-SVE-022412	2/24/2012	0.02	U		0.002	U		0.00083			0.002	U		84		
SVE RTO Exhaust	EXH-SVE-022712	2/27/2012	0.02	U		0.002	U		0.00031			0.002	U		79		
SVE RTO Exhaust	EXH-SVE-030112	3/1/2012	0.019	U		0.0009	J		0.21			0.0019	U		78		
SVE RTO Exhaust	EXH-SVE-032312	3/23/2012	0.02	U		0.002	U		0.0016			0.002	U		79		
SVE RTO Exhaust	EXH-SVE-04192012	4/19/2012	0.034	U		0.0034	U		0.00042			0.0034	U		79		
SVE RTO Exhaust	EXH-SVE-05172012	5/17/2012	0.019	U		0.00025	J		0.059			0.0019	U		80		
SVE RTO Exhaust	EXH-SVE-06212012	6/21/2012	0.02	U		0.00024	J		0.057			0.002	U		79		
SVE RTO Exhaust	EXH-SVE-08312012	8/31/2012	0.03	U		0.00016	J		0.035			0.003	U		81		
SVE RTO Exhaust	EXH-SVE-09282012	9/28/2012	0.028	U		0.00015	J		0.037			0.0028	U		80		
SVE RTO Exhaust	EXH-SVE-10252012	10/25/2012	0.032	U		0.00019	J		0.044			0.0032	U		80		
SVE RTO Exhaust	EXH-SVE-113012	11/30/2012	0.03	U		0.003	U		0.0022			0.003	U		79		
SVE RTO Exhaust	EXH-SVE-120312	12/3/2012	0.032	U		0.00012	J		0.023			0.0032	U		79		
SVE RTO Exhaust	EXH-SVE-120412	12/4/2012	0.031	U		0.0031	U		0.00044			0.0031	U		79		
SVE RTO Exhaust	EXH-SVE-120512	12/5/2012	0.028	U		0.0028	U		0.012			0.0028	U		79		
SVE RTO Exhaust	EXH-SVE-121012	12/10/2012	0.026	U		0.0026	U		0.00031			0.0026	U		79		
SVE RTO Exhaust	EXH-SVE-121212	12/12/2012	0.027	U		0.0001	J		0.019			0.0027	U		80		
SVE RTO Exhaust	EXH-SVE-121712	12/17/2012	0.029	U		0.0029	U		0.00037			0.0029	U		79		
SVE RTO Exhaust	EXH-SVE-121912	12/19/2012	0.027	U		0.00011	J		0.023			0.0027	U		79		

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Oxygen			Pentane			Propane		
			Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier
SVE Public Works Header	PWHeader-121912	12/19/2012	14			0.029			0.00013	J	
SVE Public Works Header	PWHeader-SVE-01162013	1/16/2013	12			0.038			0.00013	J	
SVE Public Works Header	PWHeader-SVE-02202013	2/20/2013	12			0.035			0.00011	J	
SVE Public Works Header	PWHeader-SVE-03012013	3/1/2013	14			0.039			0.00013	J	
SVE Public Works Header	PWHeader-SVE-04012013	4/1/2013	16			0.029			0.0001	J	
SVE Public Works Header	PWHeader-SVE-05022013	5/2/2013	14			0.045			0.00013	J	
SVE Public Works Header	PWHeader-SVE-06032013	6/3/2013	14			0.042			0.00016	J	
SVE Refinery Header	HEADER-SVE-020912	2/9/2012	6.9			0.19			0.0038		
SVE Refinery Header	HEADER-SVE-021712	2/17/2012	8.1			0.22			0.0034		
SVE Refinery Header	HEADER-SVE-030112	3/1/2012	6			0.1			0.002		
SVE Refinery Header	HEADER-SVE-030812	3/8/2012	6.8			0.091			0.0021		
SVE Refinery Header	HEADER-SVE-032312	3/23/2012	17			0.056			0.00078	J	
SVE Refinery Header	HEADER-SVE-032812	3/28/2012	17			0.04			0.00075	J	
SVE Refinery Header	MainHeader-SVE-113012	11/30/2012	17			0.036			0.00063	J	
SVE Refinery Header	MainHeader-121912	12/19/2012	11			0.078			0.0013	J	
SVE Refinery Header	MainHeader-SVE-01162013	1/16/2013	10			0.091			0.0013	J	
SVE Refinery Header	MainHeader-SVE-02202013	2/20/2013	11			0.077			0.0012	J	
SVE Refinery Header	MainHeader-SVE-03012013	3/1/2013	12			0.084			0.0013	J	
SVE Refinery Header	WFLHeader-SVE-04012013	4/1/2013	13			0.067			0.0011	J	
SVE Refinery Header	WFLHeader-SVE-05022013	5/2/2013	12			0.066			0.0011	J	
SVE Refinery Header	WFLHeader-SVE-06032013	6/3/2013	13			0.061			0.001	J	
SVE RTO Exhaust	EXH-SVE-013112	1/31/2012	20			0.00076	J		0.0014	U	
SVE RTO Exhaust	EXH-SVE-020112	2/1/2012	20			0.0023	U		0.0023	U	
SVE RTO Exhaust	EXH-SVE-020212	2/2/2012	21			0.0016	U		0.0016	U	
SVE RTO Exhaust	EXH-SVE-020712	2/7/2012	21			0.0014	U		0.0014	U	
SVE RTO Exhaust	EXH-SVE-020912	2/9/2012	15		J	0.0091	U	UJ	0.0091	U	UJ
SVE RTO Exhaust	EXH-SVE-021412	2/14/2012	20			0.00031	J		0.0019	U	
SVE RTO Exhaust	EXH-SVE-021712	2/17/2012	19		J	0.00015	J	J	0.0035	U	UJ
SVE RTO Exhaust	EXH-SVE-022112	2/21/2012	20			0.0016	J		0.0018	U	
SVE RTO Exhaust	EXH-SVE-022412	2/24/2012	16			0.002	U		0.002	U	
SVE RTO Exhaust	EXH-SVE-022712	2/27/2012	20			0.002	U		0.002	U	
SVE RTO Exhaust	EXH-SVE-030112	3/1/2012	21			0.0017	J		0.000056	J	
SVE RTO Exhaust	EXH-SVE-032312	3/23/2012	20			0.002	U		0.002	U	
SVE RTO Exhaust	EXH-SVE-04192012	4/19/2012	20			0.0034	U		0.0034	U	
SVE RTO Exhaust	EXH-SVE-05172012	5/17/2012	19			0.00079	J		0.0019	U	
SVE RTO Exhaust	EXH-SVE-06212012	6/21/2012	20			0.00073	J		0.002	U	
SVE RTO Exhaust	EXH-SVE-08312012	8/31/2012	18			0.00065	J		0.003	U	
SVE RTO Exhaust	EXH-SVE-09282012	9/28/2012	19			0.00064	J		0.0028	U	
SVE RTO Exhaust	EXH-SVE-10252012	10/25/2012	19			0.00076	J		0.0032	U	
SVE RTO Exhaust	EXH-SVE-113012	11/30/2012	20			0.003	U		0.003	U	
SVE RTO Exhaust	EXH-SVE-120312	12/3/2012	20			0.00053	J		0.0032	U	
SVE RTO Exhaust	EXH-SVE-120412	12/4/2012	20			0.0031	U		0.0031	U	
SVE RTO Exhaust	EXH-SVE-120512	12/5/2012	20			0.00026	J		0.0028	U	
SVE RTO Exhaust	EXH-SVE-121012	12/10/2012	20			0.0026	U		0.0026	U	
SVE RTO Exhaust	EXH-SVE-121212	12/12/2012	19			0.00039	J		0.0027	U	
SVE RTO Exhaust	EXH-SVE-121712	12/17/2012	20			0.0029	U		0.0029	U	
SVE RTO Exhaust	EXH-SVE-121912	12/19/2012	20			0.00043	J		0.0027	U	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Acetone			Allyl chloride (3-Chloropropene)			alpha-Chlorotoluene			Benzene			Bromodichloromethane		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE RTO Exhaust	EXH-SVE-01162013	1/16/2013	0.014	J		0.018	U		0.0073	U		0.29			0.0094	U	
SVE RTO Exhaust	EXH-SVE-02202013	2/20/2013	0.041	J		0.22	U		0.093	U		5.4			0.12	U	
SVE RTO Exhaust	EXH-SVE-03012013	3/1/2013	0.15	J		0.44	U		0.18	U		6.6			0.24	U	
SVE RTO Exhaust	EXH-SVE-04012013	4/1/2013	0.033			0.018	U		0.0074	U		0.48			0.0096	U	
SVE RTO Exhaust	EXH-SVE-05022013	5/2/2013	1.4	U		0.74	U		0.3	U		4.4			0.4	U	
SVE RTO Exhaust	EXH-SVE-06032013	6/3/2013	0.045			0.02	U		0.0081	U		0.19			0.01	U	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE RTO Exhaust	EXH-SVE-01162013	1/16/2013	0.014	U		0.055	U		0.0031	U		0.51			0.0034	J	
SVE RTO Exhaust	EXH-SVE-02202013	2/20/2013	0.19	U		0.07	UJ	UJ	0.04	U		19			0.21	U	
SVE RTO Exhaust	EXH-SVE-03012013	3/1/2013	0.37	U		1.4	U		0.078	U		24			0.42	U	
SVE RTO Exhaust	EXH-SVE-04012013	4/1/2013	0.015	U		0.003	J		0.0031			0.46			0.01	J	
SVE RTO Exhaust	EXH-SVE-05022013	5/2/2013	0.61	U		2.3	U		0.078	J		26			0.7	U	
SVE RTO Exhaust	EXH-SVE-06032013	6/3/2013	0.016	U		0.061	U		0.0035	U		0.45			0.011	J	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE RTO Exhaust	EXH-SVE-01162013	1/16/2013	0.018	J	U	0.0089	U		0.0065	U		0.012	U		0.015	U	
SVE RTO Exhaust	EXH-SVE-02202013	2/20/2013	0.056	U		0.11	U		0.083	U		0.15	U		0.19	U	
SVE RTO Exhaust	EXH-SVE-03012013	3/1/2013	0.14	J		0.22	U		0.16	U		0.3	U		0.37	U	
SVE RTO Exhaust	EXH-SVE-04012013	4/1/2013	0.018	J	U	0.009	U		0.0066	J	U	0.012	U		0.015	U	
SVE RTO Exhaust	EXH-SVE-05022013	5/2/2013	0.73	U		0.37	U		0.27	U		0.5	U		0.62	U	
SVE RTO Exhaust	EXH-SVE-06032013	6/3/2013	0.0042	J		0.0098	U		0.0036	J		0.013	U		0.016	U	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Chloroform			Chloromethane			Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE RTO Exhaust	EXH-SVE-01162013	1/16/2013	0.0069	U		0.029	U		0.072			0.011	U		0.0085	U	
SVE RTO Exhaust	EXH-SVE-02202013	2/20/2013	0.088	U		0.15	U		2.2			0.14	U		0.11	U	
SVE RTO Exhaust	EXH-SVE-03012013	3/1/2013	0.17	U		0.73	U		2.6			0.27	U		0.21	U	
SVE RTO Exhaust	EXH-SVE-04012013	4/1/2013	0.007	U		0.03	U		0.077			0.011	U		0.0086	U	
SVE RTO Exhaust	EXH-SVE-05022013	5/2/2013	0.29	U		1.2	U		1.6			0.45	U		0.35	U	
SVE RTO Exhaust	EXH-SVE-06032013	6/3/2013	0.0076	U		0.032	U		0.037			0.012	U		0.0094	U	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE RTO Exhaust	EXH-SVE-01162013	1/16/2013	0.0085	J	U	0.0085	J	U	0.007	U		0.0057	U		0.0057	U	
SVE RTO Exhaust	EXH-SVE-02202013	2/20/2013	0.11	U		0.11	U		0.089	U		0.073	U		0.073	U	
SVE RTO Exhaust	EXH-SVE-03012013	3/1/2013	0.21	U		0.21	U		0.18	U		0.14	U		0.14	U	
SVE RTO Exhaust	EXH-SVE-04012013	4/1/2013	0.0086	U		0.0086	U		0.0071	U		0.0058	U		0.0058	U	
SVE RTO Exhaust	EXH-SVE-05022013	5/2/2013	0.35	U		0.35	U		0.29	U		0.24	U		0.24	U	
SVE RTO Exhaust	EXH-SVE-06032013	6/3/2013	0.0094	U		0.0094	U		0.0077	U		0.0063	U		0.0022	J	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE RTO Exhaust	EXH-SVE-01162013	1/16/2013	0.0056	U		0.0056	U		0.0056	U		0.049	J	U	0.0065	U	
SVE RTO Exhaust	EXH-SVE-02202013	2/20/2013	0.072	U		0.072	U		0.072	U		0.03	J		0.083	U	
SVE RTO Exhaust	EXH-SVE-03012013	3/1/2013	0.14	U		0.14	U		0.14	U		0.027	J		0.16	U	
SVE RTO Exhaust	EXH-SVE-04012013	4/1/2013	0.0057	U		0.0057	U		0.0057	U		0.0017	J		0.0066	U	
SVE RTO Exhaust	EXH-SVE-05022013	5/2/2013	0.23	U		0.23	U		0.23	U		2	U		0.27	U	
SVE RTO Exhaust	EXH-SVE-06032013	6/3/2013	0.0062	U		0.0062	U		0.0062	U		0.0027	J		0.0072	U	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane			Ethanol			Ethylbenzene		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE RTO Exhaust	EXH-SVE-01162013	1/16/2013	0.0064	U		0.0064	U		0.02	U		0.0057	J	J	0.0097		
SVE RTO Exhaust	EXH-SVE-02202013	2/20/2013	0.082	U		0.082	U		0.26	U		0.14	U		0.1		
SVE RTO Exhaust	EXH-SVE-03012013	3/1/2013	0.16	U		0.16	U		0.51	U		0.27	U		0.25		
SVE RTO Exhaust	EXH-SVE-04012013	4/1/2013	0.0065	U		0.0065	U		0.021	U		0.011	U		0.022		
SVE RTO Exhaust	EXH-SVE-05022013	5/2/2013	0.27	U		0.27	U		0.85	U		0.44	U		0.2	J	
SVE RTO Exhaust	EXH-SVE-06032013	6/3/2013	0.0071	U		0.0071	U		0.022	U		0.015			0.016		

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE RTO Exhaust	EXH-SVE-01162013	1/16/2013	0.002	J		0.011	U		0.0098	U		0.072			0.06	U	
SVE RTO Exhaust	EXH-SVE-02202013	2/20/2013	0.089	U		0.14	U		0.13	U		2.8			0.77	U	
SVE RTO Exhaust	EXH-SVE-03012013	3/1/2013	0.17	U		0.27	U		0.25	U		2.8			1.5	U	
SVE RTO Exhaust	EXH-SVE-04012013	4/1/2013	0.012			0.011	U		0.01	U		0.14			0.061	U	
SVE RTO Exhaust	EXH-SVE-05022013	5/2/2013	0.14	J		0.45	U		0.41	U		2.5			2.5	U	
SVE RTO Exhaust	EXH-SVE-06032013	6/3/2013	0.011			0.012	U		0.011	U		0.064			0.067	U	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE RTO Exhaust	EXH-SVE-01162013	1/16/2013	0.31			0.023	U		1			0.0021	J		0.0058	U	
SVE RTO Exhaust	EXH-SVE-02202013	2/20/2013	11			0.3	U		31			0.089	U		0.3	U	
SVE RTO Exhaust	EXH-SVE-03012013	3/1/2013	12			0.58	U		36			0.17	U		0.14	U	
SVE RTO Exhaust	EXH-SVE-04012013	4/1/2013	0.34			0.023	U		0.87			0.0024	J		0.0058	U	
SVE RTO Exhaust	EXH-SVE-05022013	5/2/2013	11			0.97	U		46			0.29	U		0.24	U	
SVE RTO Exhaust	EXH-SVE-06032013	6/3/2013	0.19			0.026	U		0.76			0.0018	J		0.0064	U	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE RTO Exhaust	EXH-SVE-01162013	1/16/2013	0.0051	U		0.0017	J		0.0015	J		0.006	U		0.0097	U	
SVE RTO Exhaust	EXH-SVE-02202013	2/20/2013	0.065	U		0.18	U		0.089	U		0.077	U		0.12	U	
SVE RTO Exhaust	EXH-SVE-03012013	3/1/2013	0.13	U		0.35	U		0.019	J		0.15	U		0.24	U	
SVE RTO Exhaust	EXH-SVE-04012013	4/1/2013	0.0052	U		0.014	U		0.0028	J		0.0011	J		0.0098	U	
SVE RTO Exhaust	EXH-SVE-05022013	5/2/2013	0.21	U		0.58	U		0.29	U		0.25	U		0.4	U	
SVE RTO Exhaust	EXH-SVE-06032013	6/3/2013	0.0056	U		0.0094	J		0.0025	J		0.0012	J		0.0074	J	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE RTO Exhaust	EXH-SVE-01162013	1/16/2013	0.0052	J		0.0042	U		0.029			0.042	J	U	0.0077	U	
SVE RTO Exhaust	EXH-SVE-02202013	2/20/2013	0.12	U		0.053	U		0.58			0.54	U		0.098	U	
SVE RTO Exhaust	EXH-SVE-03012013	3/1/2013	0.059	J		0.1	U		0.67			1	U		0.19	U	
SVE RTO Exhaust	EXH-SVE-04012013	4/1/2013	0.0097	U		0.0042	U		0.041			0.042	U	UJ	0.0078	U	
SVE RTO Exhaust	EXH-SVE-05022013	5/2/2013	0.4	U		0.17	U		0.7			1.8	U		0.32	U	
SVE RTO Exhaust	EXH-SVE-06032013	6/3/2013	0.011	U		0.0046	U		0.031			0.046	U		0.0085	U	

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TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	1,1,2-Trichloroethane			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE RTO Exhaust	EXH-SVE-01162013	1/16/2013	0.0077	U		0.0076	U		0.0079	U		0.0029	J		0.0013	J	
SVE RTO Exhaust	EXH-SVE-02202013	2/20/2013	0.098	U		0.097	U		0.1	U		0.089	U		0.089	U	
SVE RTO Exhaust	EXH-SVE-03012013	3/1/2013	0.19	U		0.19	U		0.2	U		0.17	U		0.17	U	
SVE RTO Exhaust	EXH-SVE-04012013	4/1/2013	0.0078	U		0.0077	U		0.008	U		0.0076			0.0041	J	
SVE RTO Exhaust	EXH-SVE-05022013	5/2/2013	0.32	U		0.32	U		0.33	U		0.085	J		0.078	J	
SVE RTO Exhaust	EXH-SVE-06032013	6/3/2013	0.008	J		0.0084	U		0.0088	U		0.0074	J		0.004	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylene			o-Xylenes			TPH (C2-C10)		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (mg/m3)	Lab Qualifier	URS Qualifier
SVE RTO Exhaust	EXH-SVE-01162013	1/16/2013	0.36			0.0036	U		0.022			0.0049	J		7.4		
SVE RTO Exhaust	EXH-SVE-02202013	2/20/2013	11			0.046	U		0.14			0.013	J		360		
SVE RTO Exhaust	EXH-SVE-03012013	3/1/2013	12			0.091	U		0.53			0.11	J		340		J
SVE RTO Exhaust	EXH-SVE-04012013	4/1/2013	0.53			0.0036	U		0.064			0.016			14		
SVE RTO Exhaust	EXH-SVE-05022013	5/2/2013	13			0.15	U		0.53			0.16	J		280		
SVE RTO Exhaust	EXH-SVE-06032013	6/3/2013	0.25			0.004	U		0.041			0.014			7		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	TPH (Gasoline Range)			BTU			Butane			Isopentane			Acetylene		
			Result (mg/m3)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier
SVE RTO Exhaust	EXH-SVE-01162013	1/16/2013				0.0028	U		0.0028	U					0.0028	U	
SVE RTO Exhaust	EXH-SVE-02202013	2/20/2013				0.00082	J		0.0011	J					0.0058	U	
SVE RTO Exhaust	EXH-SVE-03012013	3/1/2013				0.00085	J		0.0011	J					0.0028	U	
SVE RTO Exhaust	EXH-SVE-04012013	4/1/2013				0.0029	U		0.0029	U					0.0029	U	
SVE RTO Exhaust	EXH-SVE-05022013	5/2/2013				0.00087	J		0.0011	J					0.003	U	
SVE RTO Exhaust	EXH-SVE-06032013	6/3/2013				0.0031	U		0.0031	U					0.0031	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	C6+			Carbon Dioxide			Carbon Monoxide			Ethane			Ethene		
			Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier
SVE RTO Exhaust	EXH-SVE-01162013	1/16/2013	0.028	U		0.73			0.14	U		0.0028	U		0.0028	U	
SVE RTO Exhaust	EXH-SVE-02202013	2/20/2013	0.0026	J		0.71			0.29	U		0.0058	U		0.0058	U	
SVE RTO Exhaust	EXH-SVE-03012013	3/1/2013	0.0028	J		0.73			0.028	U		0.0028	U		0.0028	U	
SVE RTO Exhaust	EXH-SVE-04012013	4/1/2013	0.029	U		0.8			0.029	U		0.0029	U		0.0029	U	
SVE RTO Exhaust	EXH-SVE-05022013	5/2/2013	0.0021	J		0.78			0.03	U		0.003	U		0.003	U	
SVE RTO Exhaust	EXH-SVE-06032013	6/3/2013	0.031	U		0.95			0.031	U		0.0031	U		0.0031	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Hydrogen			Isobutane			Methane			Neopentane			Nitrogen		
			Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier
SVE RTO Exhaust	EXH-SVE-01162013	1/16/2013	0.028	U		0.0028	U		0.0005			0.0028	U		79		
SVE RTO Exhaust	EXH-SVE-02202013	2/20/2013	0.058	U		0.000095	J		0.021			0.0058	U		78		
SVE RTO Exhaust	EXH-SVE-03012013	3/1/2013	0.028	U		0.000094	J		0.022			0.0028	U		78		
SVE RTO Exhaust	EXH-SVE-04012013	4/1/2013	0.029	U		0.0029	U		0.00066			0.0029	U		79		
SVE RTO Exhaust	EXH-SVE-05022013	5/2/2013	0.03	U		0.000097	J		0.023			0.003	U		79		
SVE RTO Exhaust	EXH-SVE-06032013	6/3/2013	0.031	U		0.0031	U		0.00043			0.0031	U		79		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 11
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Oxygen			Pentane			Propane		
			Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier	Result (%)	Lab Qualifier	URS Qualifier
SVE RTO Exhaust	EXH-SVE-01162013	1/16/2013	20			0.0028	U		0.0028	U	
SVE RTO Exhaust	EXH-SVE-02202013	2/20/2013	21			0.00043	J		0.0058	U	
SVE RTO Exhaust	EXH-SVE-03012013	3/1/2013	21			0.00043	J		0.0028	U	
SVE RTO Exhaust	EXH-SVE-04012013	4/1/2013	20			0.0029	U		0.0029	U	
SVE RTO Exhaust	EXH-SVE-05022013	5/2/2013	20			0.00044	J		0.003	U	
SVE RTO Exhaust	EXH-SVE-06032013	6/3/2013	20			0.0031	U		0.0031	U	

Notes
Lab Qualifiers
J = Estimated value; results between the MDL and RL
U = Compound analyzed for but not detected above the RL
URS Qualifiers
J = Estimated detection
UJ = Estimated non-detect
U = Non-detect due to blank contamination

The following EVS descriptions and assumptions apply to **Figures 9** through **12**:

Plan View Model Output – The data input for the plan view model was not limited by depth and was modeled in three dimensions (3D). The bottom surface of the resulting model was limited to the potentiometric groundwater surface elevation. The two dimensional (2D) appearance of the figures created from the 3D model was achieved by displaying an aerial view of horizontal slices through the model. The horizontal slices were taken parallel to the ground surface that was created from GPS survey data, rather than at single elevation plane. The result of this is a surface that accurately represents soil vapor concentrations at discreet depths measured from ground surface.

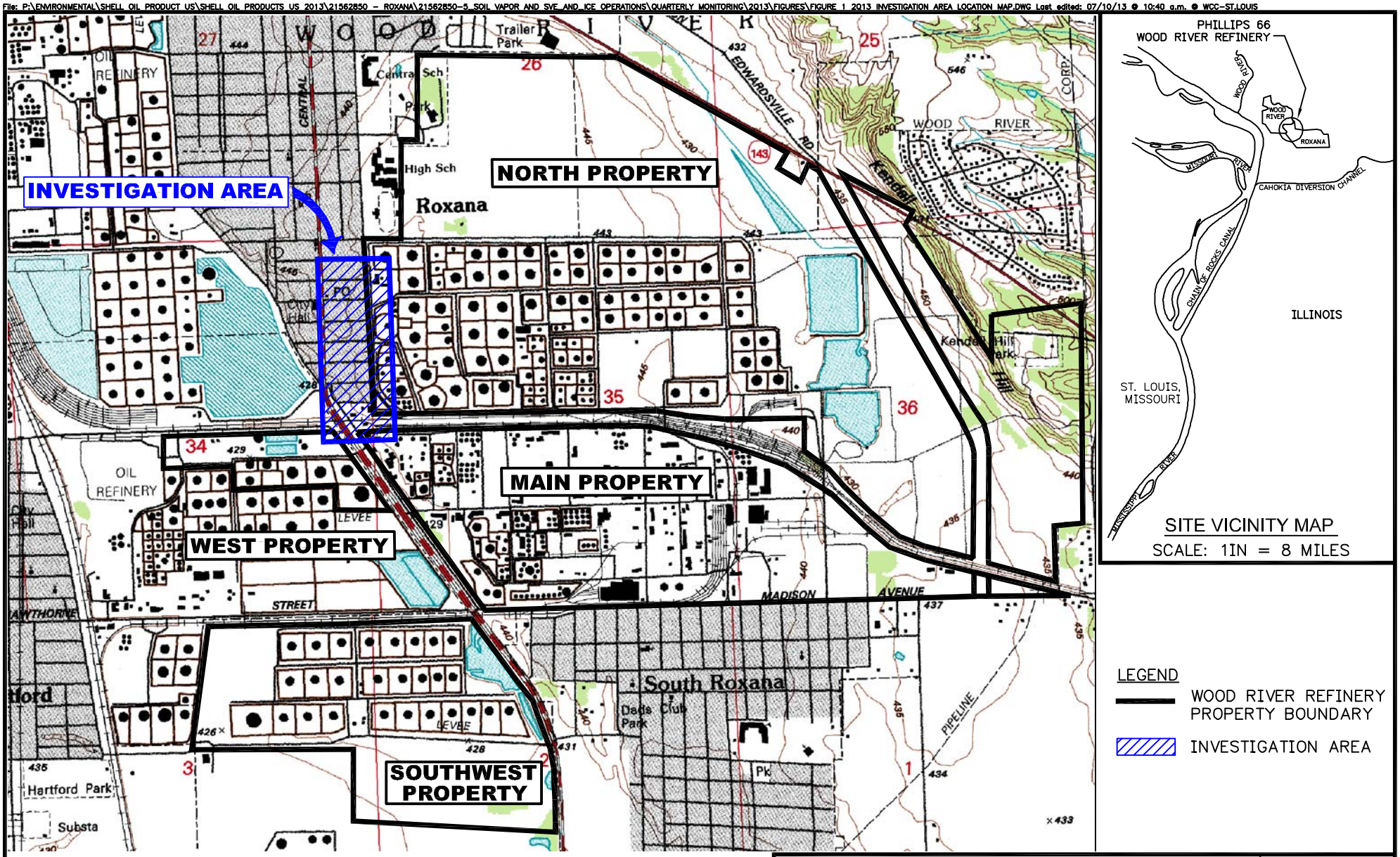
Inward Kriging / Boundary Cut-off – This method of Kriging limits the horizontal extent of data modeling to the extent of the data on the x/y plane in a convex hull. The model is bounded by the VMPs.

Vertical Cut-off – The bottom surface of this model is based on the 3Q12 groundwater gauging data collected in Roxana. The groundwater gauging data was used to model a 2D surface that represents the interface between the top surface of groundwater and the bottom surface of soil vapor.

Duplicate Samples – Analytical concentrations from duplicate samples collected at the same location and depth were averaged.

Detection Limits – In cases where the lab reported a non-detect, half the value of the lab detection limit was used in the model. This conservative method is based on the assumption that the soil is likely not free of benzene but the quantity contained is lower than detectable at the analyzed dilution. Data are posted where non-detect.

File: P:\ENVIRONMENTAL\SHELL OIL PRODUCT US\SHELL OIL PRODUCTS US 2013\21562850 - ROXANA\21562850-5 SOIL VAPOR AND SVE AND ICE OPERATIONS\QUARTERLY MONITORING\2013\FIGURES\FIGURE 1 2Q13 INVESTIGATION AREA LOCATION MAP.DWG Last edited: 07/10/13 @ 10:40 a.m. @ WCC-ST.LOUIS



SITE VICINITY MAP
SCALE: 1IN = 8 MILES

LEGEND
- WOOD RIVER REFINERY PROPERTY BOUNDARY
- INVESTIGATION AREA

CONTOUR INTERVAL = 5 FT

Ø 2ØØØ
SCALE FEET

N

SOURCE:
MAP PROVIDED FROM ELECTRONIC USGS DIGITAL RASTER GRAPHIC 7.5 MINUTE TOPOGRAPHIC MAP OF WOOD RIVER, ILL-MO REVISED 1994.

SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 21562850
URS	
DRN. BY: djd July 2013 DSGN. BY: djd CHKD. BY: kh	2Q13 Investigation Area Location Map
	FIG. NO. 1

File: P:\ENVIRONMENTAL\SHELL OIL PRODUCT US\SHELL OIL PRODUCTS US 2013\21562850 – ROXANA\21562850-5_SOIL VAPOR AND SVE_AND_ICE OPERATIONS\QUARTERLY MONITORING\2013\FIGURES\FIGURE 2 2Q13 VAPOR MONITORING SAMPLING POINT LOCATIONS.DWG Last edited: JUL. 10, 13 @ 10:41 a.m. by: david_deguire

LEGEND

- VAPOR MONITORING POINT LOCATIONS
- VAPOR MONITORING POINT LOCATION (NOT USED FOR QUARTERLY SAMPLING)

NOTE:
VMP 47 THROUGH VMP-55 WERE ADDED TO THE QUARTERLY ROXANA SOIL VAPOR MONITORING PROGRAM IN 1Q13.

TYDEMAN AVE
FIRST ST
SECOND ST
THIRD ST
FOURTH ST
FIFTH ST
SIXTH ST
SEVENTH ST
EIGHTH ST
S. CENTRAL AVE (HIGHWAY 111)
CHAFFER ST
RAND AVENUE

VILLAGE OF ROXANA

NORTH PROPERTY

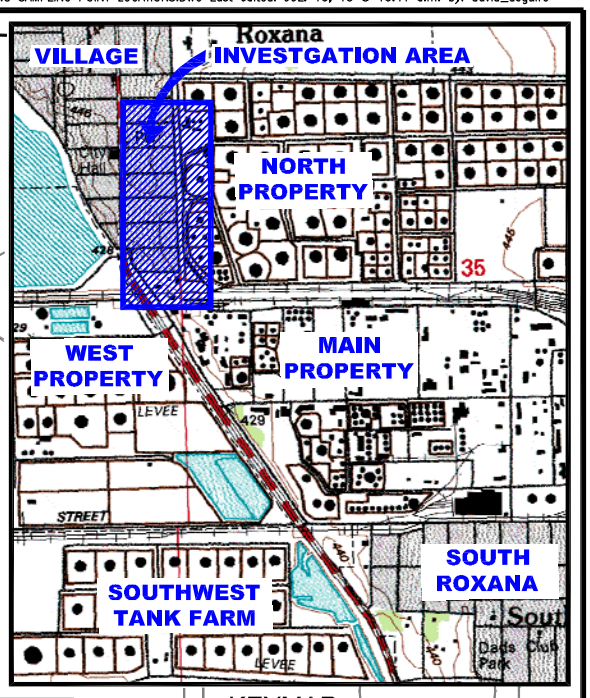
VMP-47
VMP-1
VMP-2
VMP-20
VMP-48
VMP-33
VMP-46
VMP-42
VMP-34
VMP-21
VMP-49
VMP-3
VMP-31
VMP-35
VMP-32
VMP-43
VMP-27
VMP-26
VMP-22
VMP-50
VMP-4
VMP-28
VMP-36
VMP-44
VMP-23
VMP-51
VMP-5
VMP-37
VMP-45
VMP-52
VMP-6
VMP-38
VMP-7
VMP-24
VMP-39
VMP-8
VMP-9
VMP-54
VMP-53
VMP-40
VMP-18
VMP-19
VMP-41
VMP-10
VMP-17
VMP-11
VMP-12
VMP-29
PUBLIC WORKS YARD
VMP-30
VMP-13
VMP-55
VMP-14
VMP-25
VMP-15
VMP-16

A-28
A-33
A-27

WOOD RIVER REFINERY

BP

1986 APPROXIMATE BENZENE RELEASE SITE



KEYMAP
1" = 2,500'

0 200
SCALE FEET
N

SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 21562850
URS	
DRN. BY: djd July 2013 DSGN. BY: djd CHKD. BY: kh	2Q13 Vapor Monitoring Point Sampling Locations
	FIG. NO. 2

NOTES:

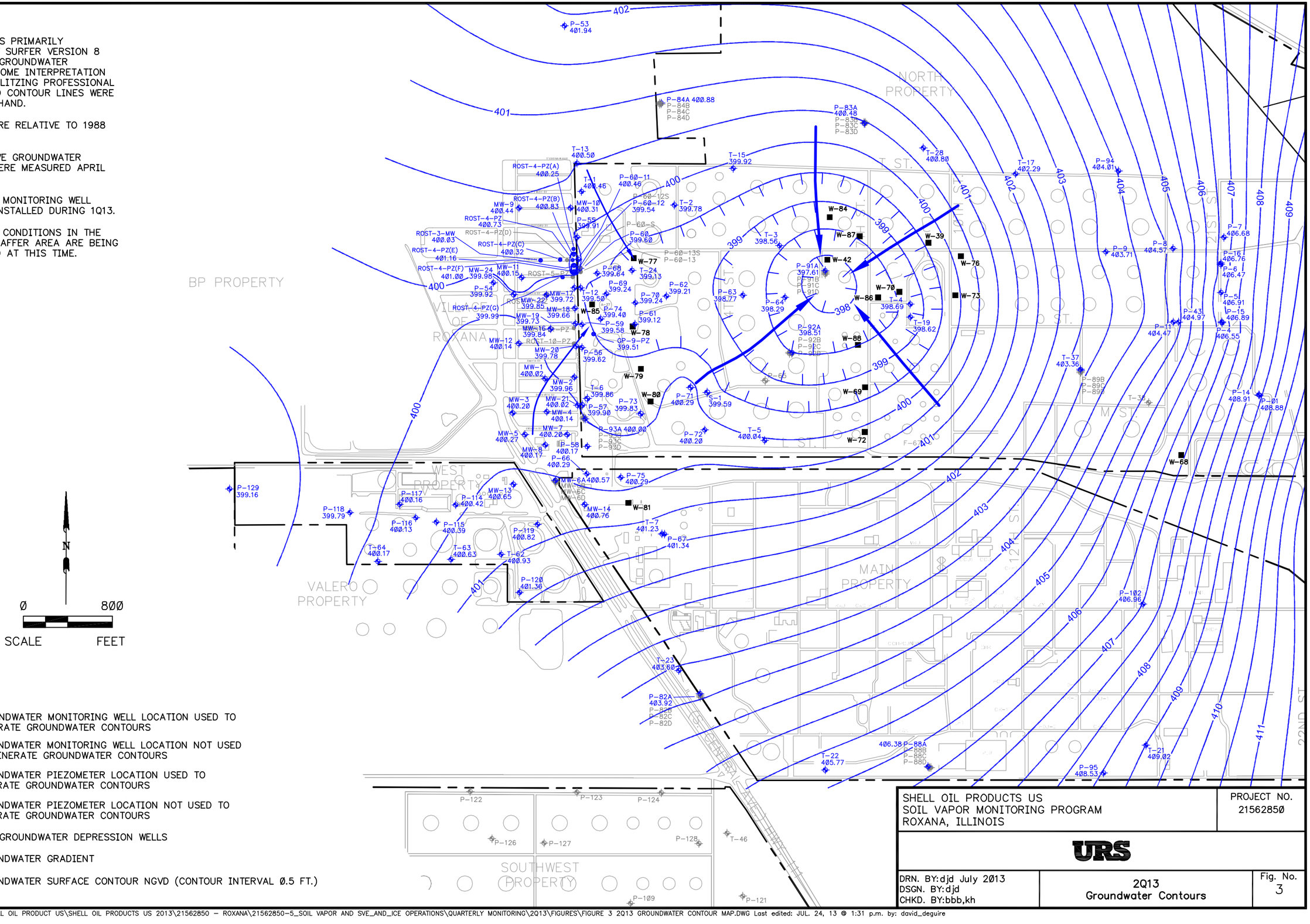
1) CONTOUR LINES PRIMARILY GENERATED BY SURFER VERSION 8 MODELING OF GROUNDWATER ELEVATIONS. SOME INTERPRETATION WAS DONE UTILITZING PROFESSIONAL JUDGMENT AND CONTOUR LINES WERE MODIFIED BY HAND.

2) ELEVATIONS ARE RELATIVE TO 1988 USGS DATUM.

3) COMPREHENSIVE GROUNDWATER ELEVATIONS WERE MEASURED APRIL 1–3, 2013.

4) GROUNDWATER MONITORING WELL MW–24 WAS INSTALLED DURING 1Q13.

5) GROUNDWATER CONDITIONS IN THE THIRD AND CHAFFER AREA ARE BEING RE–EVALUATED AT THIS TIME.



LEGEND

- GROUNDWATER MONITORING WELL LOCATION USED TO GENERATE GROUNDWATER CONTOURS
- GROUNDWATER MONITORING WELL LOCATION NOT USED TO GENERATE GROUNDWATER CONTOURS
- GROUNDWATER PIEZOMETER LOCATION USED TO GENERATE GROUNDWATER CONTOURS
- GROUNDWATER PIEZOMETER LOCATION NOT USED TO GENERATE GROUNDWATER CONTOURS
- WRR GROUNDWATER DEPRESSION WELLS
- GROUNDWATER GRADIENT
- 407 — GROUNDWATER SURFACE CONTOUR NGVD (CONTOUR INTERVAL 0.5 FT.)

SHELL OIL PRODUCTS US
SOIL VAPOR MONITORING PROGRAM
ROXANA, ILLINOIS

PROJECT NO. 21562850

URS

DRN. BY:djd July 2013
DSGN. BY:djd
CHKD. BY:bbb,kh

2Q13
Groundwater Contours

Fig. No. 3

File: P:\ENVIRONMENTAL\SHELL OIL PRODUCT US\SHELL OIL PRODUCTS US 2013\21562850 – ROXANA\21562850–5_SOIL VAPOR AND SVE_AND_ICE OPERATIONS\QUARTERLY MONITORING\2Q13\FIGURES\FIGURE 3 2Q13 GROUNDWATER CONTOUR MAP.DWG Last edited: JUL. 24, 13 @ 1:31 p.m. by: david_deguire

File: P:\ENVIRONMENTAL\SHELL OIL PRODUCT US\SHELL OIL PRODUCTS US 2013\21562850 – ROXANA\21562850-5_SOIL VAPOR AND SVE_AND_ICE OPERATIONS\QUARTERLY MONITORING\2013\FIGURES\FIGURE 4 VAPOR PORT SCREEN COMPARISON TO GW ELEVATIONS (2Q13)..DWG Last edited: JUL. 24, 13 @ 1:33 p.m. by: david_deguire

NOTES:

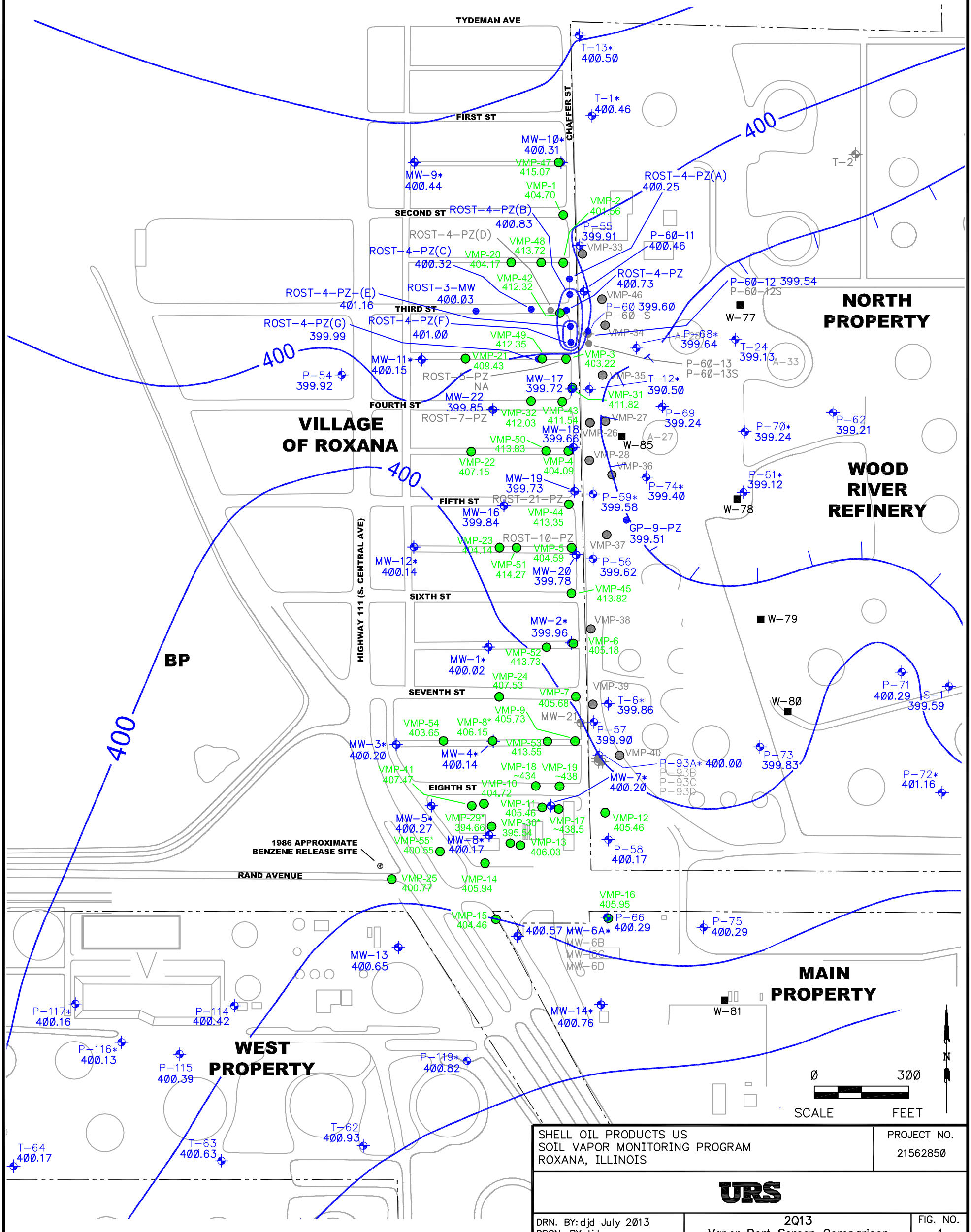
1. COMPREHENSIVE GROUNDWATER ELEVATIONS WERE MEASURED APRIL 1–3, 2Ø13.
2. CONTOUR LINES PRIMARILY GENERATED BY SURFER VERSION 8 MODELING OF GROUNDWATER ELEVATIONS. SOME INTERPRETATION WAS DONE UTILIZING PROFESSIONAL JUDGMENT AND CONTOUR LINES WERE MODIFIED BY HAND.
3. ELEVATIONS ARE RELATIVE TO 1988 USGS DATUM.

---

* INDICATES THAT THE LNAPL AND/OR WATER LEVEL IS ABOVE THE TOP OF THE GROUNDWATER MONITORING WELL SCREEN OR THE DEEPEST VAPOR MONITORING POINT SCREEN.

LEGEND

- GROUNDWATER MONITORING WELL LOCATION USED TO GENERATE GROUNDWATER CONTOURS
- GROUNDWATER PIEZOMETER LOCATION USED TO GENERATE GROUNDWATER CONTOURS
- VAPOR MONITORING POINT LOCATION (ELEVATION OF TOP OF THE DEEPEST VAPOR MONITORING POINT SCREEN)
- WRR GROUNDWATER DEPRESSION WELLS
- GROUNDWATER MONITORING WELL LOCATION NOT USED TO GENERATE GROUNDWATER CONTOURS
- GROUNDWATER PIEZOMETER LOCATION NOT USED TO GENERATE GROUNDWATER CONTOURS
- VAPOR MONITORING POINT LOCATION (NOT USED FOR QUARTERLY SAMPLING)
- –401– GROUNDWATER SURFACE CONTOUR NGVD (CONTOUR INTERVAL Ø.5 FT)



SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 21562850
URS	
DRN. BY: djd July 2013 DSGN. BY: djd CHKD. BY: kh	2Q13 Vapor Port Screen Comparison to Groundwater Elevations
	FIG. NO. 4

File: P:\ENVIRONMENTAL\SHELL OIL PRODUCT US\SHELL OIL PRODUCTS US 2013\21562850 – ROXANA\21562850-5_SOIL VAPOR AND SVE_AND_ICE OPERATIONS\QUARTERLY MONITORING\2013\FIGURES\FIGURE 5 SUMMARY OF BENZENE SOIL VAPOR ANALYTICAL RESULTS (VILLAGE).DWG Last edited: JUL. 15, 13 @ 2:52 p.m. by: david_deguire

Location	Depth	Benzene (mg/m³) 1Q13	2Q13
VMP-48	5 ft	**0.0048**	<0.0043
	10 ft	**0.0087**	**0.011**
	20 ft	**0.002 J**	Not Sampled[1]
	30 ft	**0.097 / 0.12**	**0.0022**

Location	Depth	Benzene (mg/m³) 1Q13 (Initial Sample)	1Q13 (Resample[5])	2Q13
VMP-47	5 ft	**0.0018 J**	<15	**6.3 J**
	10 ft	**0.0051**	**0.11 J**	<9.2
	20 ft	<4	<9.5	<9.3 / <8.7
	30 ft	<2.9	<15	<9.3

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13 (Initial Sample[4])	1Q13 (Resample[5])	2Q13
VMP-1	5 ft	**0.084**	<0.0073	**0.015 J**	**4.7**	**0.0021 J**
	8.5 ft	**0.058**	**0.0037 J**	<0.08	**0.05 J**	**0.002 J**
	23.5 ft	< 19	<38	**0.0088 J**	**14 J**	**0.0069 J / 0.0062 J**
	38.5 ft	**0.042**	**0.71 J**	**0.01 J**	**11 J**	<120

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-20	5 ft	**0.048**	**0.0082**	**0.035**	**0.0036 J**
	10 ft	**0.0033**	**0.005**	**0.0018 J**	<0.0041
	25 ft	**0.001 J**	**0.0014 J**	<0.0039	**0.0029 J**
	39.5 ft	Not Sampled[1]	**0.28 J**	**0.24 J**	**0.18 J**

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-2	5 ft	**0.067**	**0.17**	**0.0026 J**	<0.0041
	8.5 ft	**0.087 / 0.084**	**0.014**	**0.0022 J**	**0.008 / 0.0064**
	22 ft	**0.19**	**0.0066**	**0.0018 J**	**0.015**
	42 ft	Not Sampled[1]	Not Sampled[1]	<42	**7.7 J**

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-21	5 ft	**0.003 J**	**0.0018 J**	**0.002 J**	**0.0031 J**
	10 ft	**0.0018 J**	**0.0076**	**0.041 / 0.035**	**0.001 J**
	25 ft	**0.00098 J**	**0.0078**	**0.035 / 0.043**	<0.0047
	33 ft	**0.0011 J**	**0.012**	**0.0024 J**	**0.0018 J**

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-42	10 ft	**0.038**	**0.046**	**0.0023 J**	<0.0049
	20 ft	**0.038**	**0.0067 / 0.008**	**0.0063**	<0.0049
	30 ft	**0.077 J**	**0.011 / 0.0072**	<0.0044	<0.0044

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-3	5 ft	**0.13**	Not Sampled[3]	Not Sampled[3]	**0.0019 J**
	10 ft	**0.0049**	**0.066**	<0.0045	**0.016**
	22 ft	**0.0093**	**0.14**	**0.052**	**0.0026 J / 0.0021 J**
	31.5 ft	< 18	**0.32 J**	<8.2	**3.9 J**
	39 ft	Not Sampled[1]	**47 J**	**20 J**	**11**

Location	Depth	Benzene (mg/m³) 1Q13	2Q13
VMP-49	5 ft	<0.0043	**0.0093 J**
	10 ft	**0.033**	**0.023 J / 0.0066 J**
	20 ft	<0.0041	**0.002 J**
	30 ft	**0.4**	<0.41

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-31	5 ft	**0.0043**	**0.015**	**0.0017 J**	**0.021**
	10 ft	**0.0026 J**	**0.02**	**0.024**	**0.0013 J**
	20 ft	Not Sampled[1]	**0.64 J**	<0.063	Not Sampled[3]
	30 ft	< 0.3	**0.044 J**	<4.5	**45**

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-43	10 ft	**0.044**	**0.022**	Not Sampled[3]	0.0022 J
	20 ft	**0.077**	**0.0026 J**	**0.0021 J**	**0.005**
	30 ft	**0.063**	**0.29**	**0.12**	<0.0049 J

Location	Depth	Benzene (mg/m³) 2Q12	3Q12	4Q12	1Q13
VMP-32	5 ft	**0.047**	**0.091**	**0.0037 J**	**0.0042**
	10 ft	**0.0032**	**0.044**	**0.026**	**0.0051**
	20 ft	**0.034 J**	**0.0085**	**0.0014 J**	**0.0027 J**
	30 ft	**35**	**16**	**0.074 J**	<0.18

Location	Depth	Benzene (mg/m³) 1Q13	2Q13
VMP-50	5 ft	**0.0017 J**	**0.014**
	10 ft	**0.0026 J**	**0.052**
	20 ft	**0.011 J**	**0.019**
	30 ft	**92**	**100**

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-22	5 ft	**0.0012 J**	**0.0025 J / 0.0045**	**0.0093**	<0.004
	10 ft	< 0.0035 / < 0.0034	**0.015**	**0.0018 J**	**0.0016 J**
	18 ft	**0.029**	**0.0036 J**	**0.002 J**	<0.0046
	38 ft	**0.074**	**0.0096**	**0.0026 J**	<0.0047

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-4	5 ft	**0.28**	**0.31**	**0.0057**	**0.0026 J**
	12 ft	**0.02**	**0.004 J / 0.0038 J**	**0.0069 / 0.013**	**0.0023 J**
	23.5 ft	**56**	**1.6 J**	**0.28 J**	**9.9**
	39 ft	**50**	**28 J /26 J**	**25**	**14**

Location	Depth	Benzene (mg/m³) 1Q13	2Q13
VMP-51	5 ft	<0.0044	**0.00088 J**
	10 ft	<0.0044	**0.0012 J**
	20 ft	**0.0053**	**0.00093 J**
	30 ft	**0.056 / 0.091**	<0.0046 J

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-44	10 ft	**4.2 J / 3.3 J[2]**	**1.1**	**0.53**	**0.094 J**
	20 ft	**3 J**	**1.5 J**	**0.065 J**	**0.064 J**
	30 ft	**14 / 14**	**4 / 3.9**	**0.037 J**	**0.96**

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-23	5 ft	**0.0024 J**	**0.011**	**0.0019 J**	**0.0017 J**
	10 ft	**0.0014 J**	**0.011**	<0.0039	<0.0042
	25 ft	**0.0027 J**	**0.0095**	<0.004	**0.0019 J**
	40 ft	**0.0081**	**0.018**	<0.0041	**0.018 / 0.014**

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-5	5 ft	**0.0028 J**	**0.0043**	**0.014**	**0.003 J**
	12.5 ft	**0.0018 J**	**0.015**	**0.0021 J**	**0.0031 J**
	31 ft	**0.0044**	**0.0078**	<0.045	**0.007**
	40 ft	< 0.032	**0.011**	**0.0037 J / 0.0037 J**	**0.0036 J**

Location	Depth	Benzene (mg/m³) 1Q13	2Q13
VMP-52	5 ft	**0.073**	**0.012 J / 0.022 J**
	10 ft	<0.0038	**0.003 J**
	20 ft	**0.076 J / 0.012 J**	<0.0048 J
	30 ft	**0.0017 J**	**0.036**

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-45	10 ft	**0.005**	**0.0036 J**	**0.016**	<0.0046 J
	20 ft	**0.018 J**	**0.0053**	<0.0042	**0.013 / 0.016**
	30 ft	< 0.03	**0.0052 / 0.0051**	**0.0058 J**	**0.0062 J**

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-24	5 ft	**0.043**	**0.081**	**0.0088**	<0.0048
	10 ft	**0.0078**	**0.00099 J**	**0.0072**	**0.0053 J**
	22 ft	**0.033**	**0.0013 J**	<0.0045	**0.016 / 0.0098**
	34 ft	**0.1**	**0.0067**	**0.0068**	**0.056**

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-6	5 ft	**0.0097**	**0.003 J**	**0.037**	Not Sampled[3]
	10 ft	**0.0081**	**0.0066**	**0.046**	**0.0026 J**
	31.5 ft	**0.016**	**0.0049**	**0.004 J**	**0.0026 J**
	39 ft	**0.02 / 0.016**	**0.0082 J**	**0.066**	**0.0087 / 0.0036 J**

Location	Depth	Benzene (mg/m³) 1Q13	2Q13
VMP-54	5 ft	**0.0024 J**	**0.0093**
	10 ft	<0.0045	**0.0014 J**
	20 ft	**0.0028 J / 0.036**	**0.0013 J**
	30 ft	**0.014 J / 0.0045 J**	**0.014 / 0.018**

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-7	5 ft	**0.12**	**0.0024 J**	Not Sampled[3]	**0.0027 J**
	13.5 ft	**0.0087**	**0.0058**	**0.002 J**	**0.0063**
	29.5 ft	**0.031 / 0.032**	**0.0098**	Not Sampled[3]	**0.0082**
	38 ft	Not Sampled[3]	**0.012**	Not Sampled[3]	**0.0022 J**

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-8	5 ft	**0.00084 J / 0.064[2]**	**0.0031 J / 0.0038 J**	**0.00077 J**	<0.0046 J
	9.5 ft	< 0.003 / < 0.0028	**0.021**	**0.0011 J** / <0.0043	**0.0035 J**
	23.5 ft	**0.0028 J**	**0.018**	**0.01**	**0.00097 J**
	35.5 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13 (Initial Sample)	1Q13 (Resample[2])	2Q13
VMP-9	5 ft	**0.067**	**0.0037 J**	**0.0046**	**0.012 J**	**0.0041 J**
	11.5 ft	**0.017**	**0.0066**	**0.002 J / 0.0015 J**		<0.0048
	25.5 ft	**0.062 / 0.061**	**0.005**	**0.0018 J**		**0.011 / 0.0073**
	38.5 ft	**0.21**	**1.2**	**0.0018 J**		**0.0023 J**

Location	Depth	Benzene (mg/m³) 1Q13	2Q13 (Initial Sample)	2Q13 (Resample[6])
VMP-53	5 ft	<0.0041	<0.0053	**0.0021 J**
	10 ft	**0.059 / 0.017**	**27**	**0.0045 J**
	20 ft	**0.086**	<0.0046	**0.0038 J**
	30 ft	<0.0043	**0.028**	**0.0048 J**

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-19	5 ft	**0.082**	**0.0033 J**	**1.5**	<0.0054

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-18	8.5 ft	**0.12**	**0.0064**	**0.025**	<0.0049

TYDEMAN AVE
FIRST ST
SECOND ST
THIRD ST
FOURTH ST
FIFTH ST
SIXTH ST
SEVENTH ST
EIGHTH ST
CHAFFER ST
HIGHWAY 111 (S. CENTRAL AVE)
VILLAGE OF ROXANA
NORTH PROPERTY
WEST PROPERTY
BP
WOOD RIVER REFINERY
PUBLIC WORKS YARD
RAND AVENUE
1986 APPROXIMATE BENZENE RELEASE SITE
VMP-1
VMP-2
VMP-3
VMP-4
VMP-5
VMP-6
VMP-7
VMP-8
VMP-9
VMP-10
VMP-11
VMP-12
VMP-13
VMP-14
VMP-15
VMP-16
VMP-17
VMP-18
VMP-19
VMP-20
VMP-21
VMP-22
VMP-23
VMP-24
VMP-25
VMP-29
VMP-30
VMP-31
VMP-32
VMP-36
VMP-37
VMP-38
VMP-41
VMP-42
VMP-43
VMP-44
VMP-45
VMP-47
VMP-48
VMP-49
VMP-50
VMP-51
VMP-52
VMP-53
VMP-54
VMP-55

NOTES:

1. Not Sampled[1] = VMP SCREEN SUBMERGED BELOW WATER TABLE. NO SAMPLE COLLECTED.
2. Resample[2] = VMP RESAMPLED DUE TO ISSUES WITH CANISTER AT THE LABORATORY.
3. Not Sampled[3] = FAILED HELIUM LEAK TEST.
4. DATA NOT REPRESENTATIVE BASED ON INTEGRITY ASSESSMENT[4].
5. GRAB SAMPLE TAKEN[5].
6. J = RESULT IS ESTIMATED
   < = NOT DETECTED AT INDICATED REPORTING LIMIT.
7. MULTIPLE RESULTS (e.g., 44Ø/41Ø) INDICATE DUPLICATE SAMPLES.
8. VMP-47 THROUGH VMP-55 WERE ADDED TO THE QUARTERLY ROXANA SOIL VAPOR MONITORING PROGRAM IN 1Q13.
9. Resample[6] = VMP RESAMPLED DUE TO ANOMALOUS READINGS AT THE LABORATORY.

LEGEND

- VAPOR MONITORING POINT LOCATION
- VAPOR MONITORING POINT LOCATION (NOT USED FOR QUARTERLY SAMPLING)
- BENZENE CONCENTRATION > SCREENING CRITERION (Ø.37 mg/m³), FOR RESIDENTIAL.

Ø 2ØØ
SCALE FEET
N

SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 21562850
URS		
DRN. BY: djd July 2Ø13 DSGN. BY: djd CHKD. BY: kh	2Q13 Summary of Benzene Soil Vapor Analytical Results – Village of Roxana	FIG. NO. 5

LEGEND

- VAPOR MONITORING POINT LOCATION
- VAPOR MONITORING POINT LOCATION (NOT USED FOR QUARTERLY SAMPLING)
- BENZENE CONCENTRATION > SCREENING CRITERION (2.8 mg/m³), FOR INDUSTRIAL/COMMERCIAL.

NOTES:

1. Not Sampled[1] = VMP SCREEN SUBMERGED UNDER WATER TABLE. NO SAMPLE TAKEN.
2. Not Sampled[3] = FAILED HELIUM LEAK TEST.
3. J = RESULT IS ESTIMATED
   < = NOT DETECTED AT INDICATED REPORTING LIMIT.
4. MULTIPLE RESULTS (e.g., 440/410) INDICATE DUPLICATE SAMPLES.
5. VMP-47 THROUGH VMP-55 WERE ADDED TO THE QUARTERLY ROXANA SOIL VAPOR MONITORING PROGRAM IN 1Q13.

VMP-34 VMP-3 VMP-21 VMP-49 VMP-35 VMP-31 VMP-32 VMP-43 VMP-27 VMP-26 VMP-50 VMP-22 VMP-4 VMP-28 VMP-36 VMP-44 VMP-37 VMP-51 VMP-5 VMP-45 VMP-38 VMP-6 VMP-52 VMP-54 VMP-8 VMP-53 VMP-40 VMP-18 VMP-19 VMP-41 VMP-10 VMP-11 VMP-17 VMP-12 VMP-29 VMP-55 VMP-30 VMP-13 VMP-14 VMP-25 VMP-15 VMP-16

A-28 A-27

FOURTH ST
FIFTH ST
SIXTH ST
EIGHTH ST
CHAFFER ST
HIGHWAY 111 (S. CENTRAL AVE)
RAND AVENUE

VILLAGE
VILLAGE OF ROXANA
NORTH PROPERTY
WOOD RIVER REFINERY
PUBLIC WORKS YARD
MAIN PROPERTY
WEST PROPERTY
BP

1986 APPROXIMATE BENZENE RELEASE SITE

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-10	5 ft	0.0025 J	1.9	0.0017 J / <0.005	0.01
	10 ft	0.01	0.95	0.018	0.036 J
	20 ft	0.0084	0.16	0.0078	< 0.005
	30 ft	0.013	0.029	0.0091	0.0047

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-11	5 ft	0.006	0.003 J	<0.23	<0.0048
	8 ft	0.0017 J	0.012 / 0.012	<0.31	<0.0045
	29 ft	0.018	0.0015 J	0.049	<0.0046 J
	38 ft	170	0.01	0.0074	0.0027 J

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-41	10 ft	0.16	0.034	0.0018 J	0.021
	20 ft	0.039 / 0.044	0.027 / 0.027	0.0044 J	<0.0043 J / <0.0045 J
	30 ft	0.34	0.041	0.0077	0.0055

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-17	5 ft	0.11	0.0043 J	0.71 / 1	<0.0046

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-29	10 ft	< 0.034	0.47	0.053	0.023
	20 ft	0.066 J / 0.047 J	0.12	0.026	0.12
	30 ft	0.057 J	0.11 J	0.084	0.16
	40 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-30	10 ft	0.016 J	0.016	0.0018 J	0.057
	20 ft	2.1	0.35	0.11	0.39
	30 ft	7.2	5.4	1.4	1.2
	40 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-25	5 ft	0.21	0.0017 J	0.0048	0.023
	9.5 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]
	21 ft	48	48 J	95	61
	31 ft	Not Sampled[1]	Not Sampled[1]	90	Not Sampled[1]

Location	Depth	Benzene (mg/m³) 1Q13	2Q13
VMP-55	5 ft	Not Sampled[1]	Not Sampled[1]
	10 ft	Not Sampled[1]	Not Sampled[1]
	20 ft	1.3 J	<18
	30 ft	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-13	5 ft	0.0039 / 0.004	0.017	0.0038 J	0.0043
	10.5 ft	0.0078	0.025 / 0.023	0.0021 J	0.018
	21.5 ft	0.009	0.088	0.0088	<0.0047
	29.5 ft	2,600	630	580	31

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-15	5 ft	0.005	0.013	0.004 J	0.0044 J
	21.5 ft	0.25 J	0.24 J / 0.24 J	0.0077 J	0.22 J
	25.5 ft	0.024 J	0.034	<0.14	<1.9
	29 ft	0.17 J	0.026	<0.086	<0.94

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-14	5 ft	0.43	0.025	<0.0043	0.0063
	11.5 ft	< 1	0.0039 J	<0.0041	0.0086
	20 ft	13,000	9,400	12,000	23 J / 63 J
	29 ft	21,000	9,400	13,000 J / 54,000 J	30,000

SCALE 0 200 FEET

N

SHELL OIL PRODUCTS US
SOIL VAPOR MONITORING PROGRAM
ROXANA, ILLINOIS

PROJECT NO. 21562850

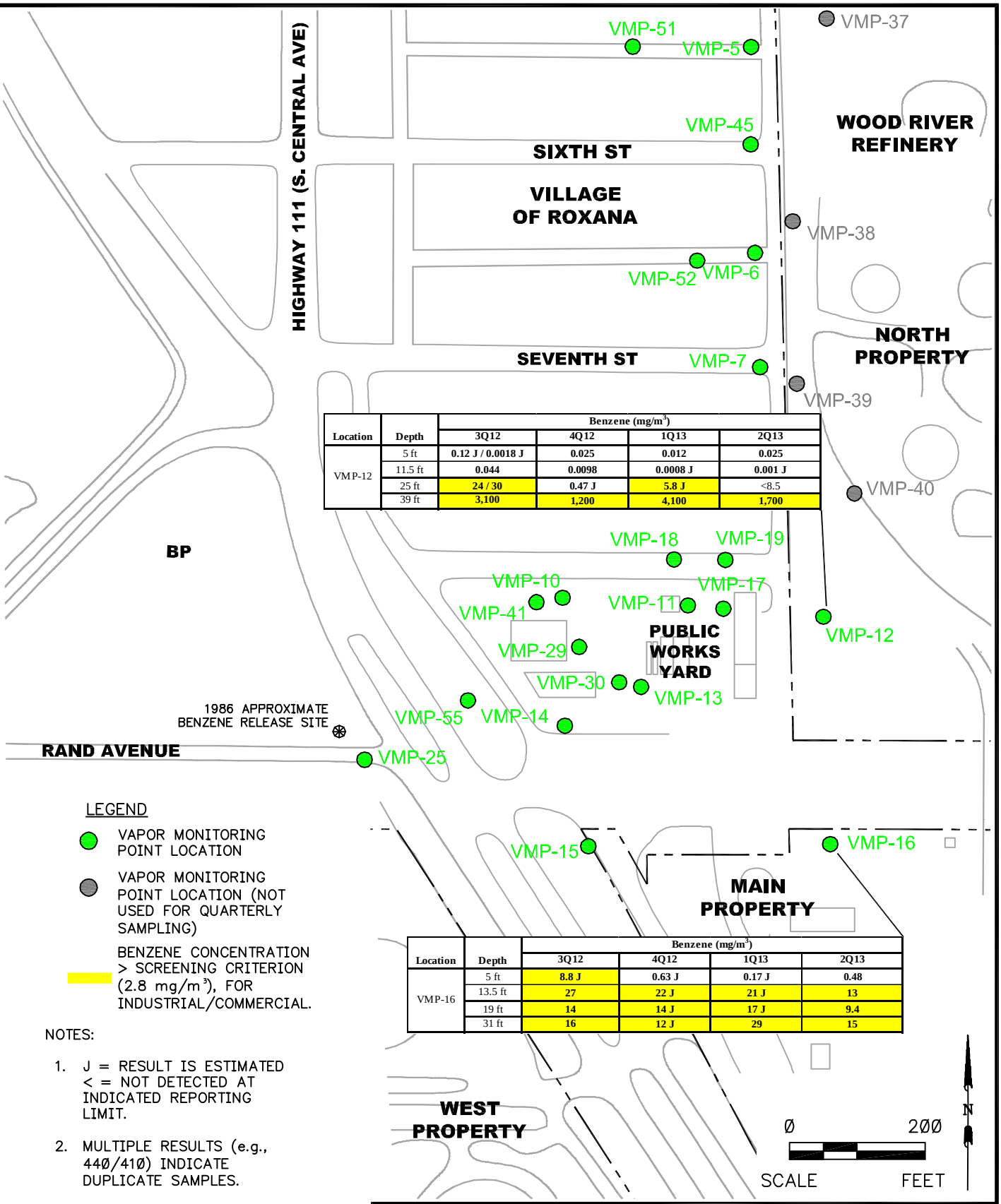
URS

DRN. BY: djd July 2013
DSGN. BY: djd
CHKD. BY: kh

2Q13 Summary of Benzene Soil Vapor Analytical Results– Roxana Public Works Yard Area

FIG. NO. 6

File: P:\ENVIRONMENTAL\SHELL OIL PRODUCT US\SHELL OIL PRODUCTS US 2013\21562850 - ROXANA\21562850-5_SOIL VAPOR AND SVE_AND_ICE OPERATIONS\QUARTERLY MONITORING\2013\FIGURES\FIGURE 6 SUMMARY OF BENZENE SOIL VAPOR ANALYTICAL RESULTS (PUBLIC WORKS YARD).DWG Last edited: JUL. 24, 13 @ 1:52 p.m. by: dovid_deguire



Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-12	5 ft	0.12 J / 0.0018 J	0.025	0.012	0.025
	11.5 ft	0.044	0.0098	0.0008 J	0.001 J
	25 ft	24 / 30	0.47 J	5.8 J	<8.5
	39 ft	3,100	1,200	4,100	1,700

Location	Depth	Benzene (mg/m³) 3Q12	4Q12	1Q13	2Q13
VMP-16	5 ft	8.8 J	0.63 J	0.17 J	0.48
	13.5 ft	27	22 J	21 J	13
	19 ft	14	14 J	17 J	9.4
	31 ft	16	12 J	29	15

LEGEND

- VAPOR MONITORING POINT LOCATION
- VAPOR MONITORING POINT LOCATION (NOT USED FOR QUARTERLY SAMPLING)
- BENZENE CONCENTRATION > SCREENING CRITERION (2.8 mg/m³), FOR INDUSTRIAL/COMMERCIAL.

NOTES:

1. J = RESULT IS ESTIMATED < = NOT DETECTED AT INDICATED REPORTING LIMIT.
2. MULTIPLE RESULTS (e.g., 440/410) INDICATE DUPLICATE SAMPLES.
3. VMP-47 THROUGH VMP-55 WERE ADDED TO THE QUARTERLY ROXANA SOIL VAPOR MONITORING PROGRAM IN 1Q13.

SHELL OIL PRODUCTS US
SOIL VAPOR MONITORING PROGRAM
ROXANA, ILLINOIS

PROJECT NO. 21562850

URS

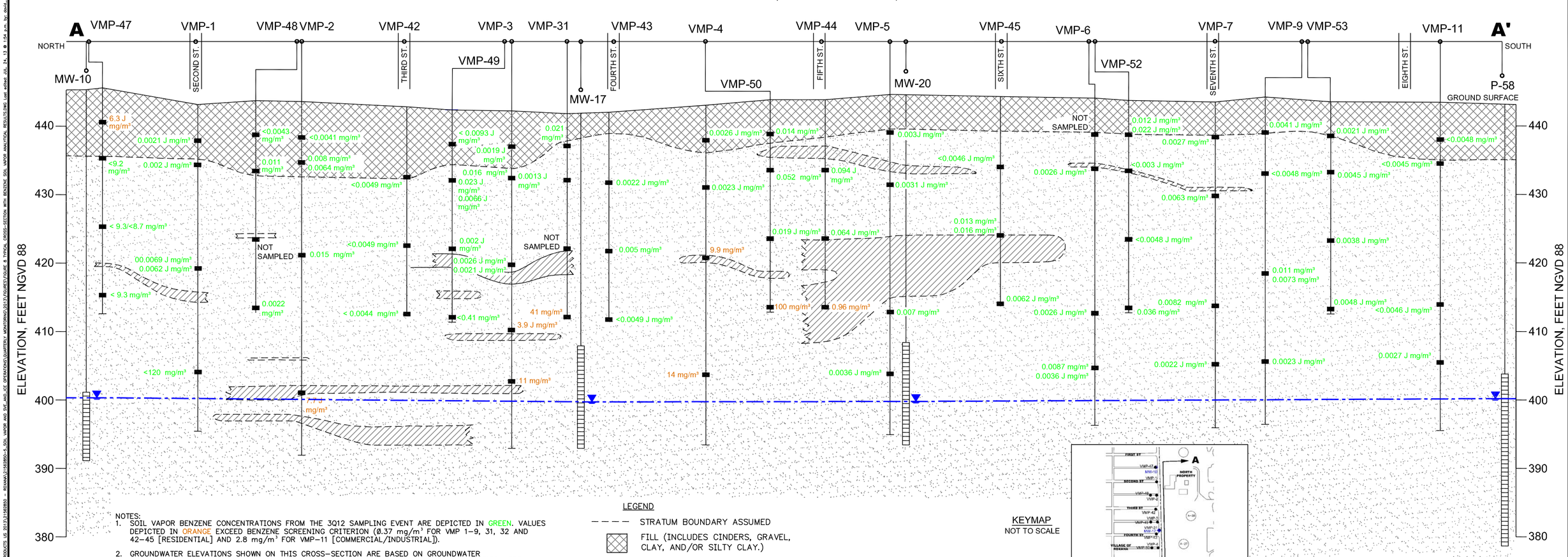
DRN. BY: djd July 2013
DSGN. BY: djd
CHKD. BY: kh

2Q13 Summary of Benzene Soil Vapor Analytical Results – WRR

FIG. NO. 7

File: P:\ENVIRONMENTAL\SHELL OIL PRODUCT US\SHELL OIL PRODUCTS US 2013\21562850 - ROXANA\21562850-5_SOIL VAPOR AND SVE_AND_ICE OPERATIONS\QUARTERLY MONITORING\2013\FIGURES\FIGURE 7 SUMMARY OF BENZENE SOIL VAPOR ANALYTICAL RESULTS (WRR).DWG Last edited: JUL. 10, 13 @ 10:46 a.m. by: david_deguire

PLAN VIEW (DEPICTING OFFSETS)



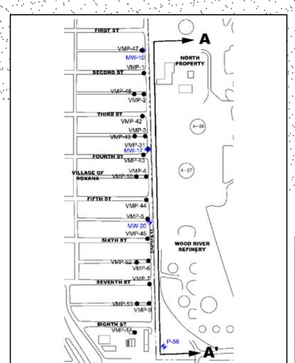
NOTES:

1. SOIL VAPOR BENZENE CONCENTRATIONS FROM THE 3Q12 SAMPLING EVENT ARE DEPICTED IN GREEN. VALUES DEPICTED IN ORANGE EXCEED BENZENE SCREENING CRITERION (0.37 mg/m³ FOR VMP 1–9, 31, 32 AND 42–45 [RESIDENTIAL] AND 2.8 mg/m³ FOR VMP–11 [COMMERCIAL/INDUSTRIAL]).
2. GROUNDWATER ELEVATIONS SHOWN ON THIS CROSS–SECTION ARE BASED ON GROUNDWATER GAUGING DATA COLLECTED ON JANUARY 2–4 AND 7–8, 2013. ADDITIONAL GAUGING ACTIVITIES WERE CONDUCTED ON APRIL 1–3, 2013.
3. THIS CROSS–SECTION IS PRIMARILY BASED ON THE INTERPRETATION OF CPT DATA COLLECTED BY URS DURING THE 2006 AND 2009 INVESTIGATION ACTIVITIES. BORING LOGS DEVELOPED DURING OTHER DRILLING TECHNIQUES (E.G. AUGER AND GEOPROBE) WERE USED TO SUPPLEMENT CPT DATA.
4. THE DEPTH AND THE THICKNESS OF INDIVIDUAL STRATA WERE OBSERVED IN CPT LOGS GENERATED AT NEARBY LOCATIONS. THEREFORE, WELL SCREENS MAY APPEAR TO BE PARTIALLY WITHIN CLAY LAYERS OR SHALLOW/DEEPER WITHIN A PERMEABLE STRATUM THAN ACTUAL CONDITIONS DUE TO MAP PROJECTIONS.
5. CROSS–SECTION TRACE LINE SHOWS DISTANCE AND DIRECTION EACH POINT WAS PROJECTED TO CONSTRUCT THIS CROSS–SECTION.
6. VMP–53 RESAMPLED DUE TO ANOMALOUS READINGS AT THE LABORATORY.

LEGEND

- STRATUM BOUNDARY ASSUMED
- FILL (INCLUDES CINDERS, GRAVEL, CLAY, AND/OR SILTY CLAY.)
- CLAY PROJECTED BETWEEN POINTS (INCLUDES SILTY CLAY AND SANDY CLAY)
- SAND PROJECTED BETWEEN POINTS (INCLUDES SILTY SAND AND CLAYEY SAND)
- VAPOR PORT SCREENS
- GROUNDWATER WELL SCREEN
- GROUNDWATER WATER LEVEL
- POTENTIOMETRIC SURFACE – ESTIMATED

KEYMAP
NOT TO SCALE



Ø 10Ø
VERTICAL SCALE FEET
Ø 100
APPROXIMATE HORIZONTAL SCALE FEET

SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 21562850
URS		
DRN. BY: djd July 2013 DSGN. BY: djd CHKD. BY: kh	2Q13 Cross–Section with Benzene Soil Vapor Analytical Results – Chaffer Street	FIG. NO. 8

File: P:\ENVIRONMENTAL\SHELL OIL PRODUCT US\SHELL OIL PRODUCTS US 2013\21562850 – ROXANA\21562850–5_SOIL VAPOR AND SVE_AND_ICE OPERATIONS\QUARTERLY MONITORING\2013\FIGURES\FIGURE 8 TYPICAL CROSS–SECTION WITH BENZENE SOIL VAPOR ANALYTICAL RESULTS.DWG Last edited: JUL 24, 13 @ 1:54 p.m. by: dosd_dagupa

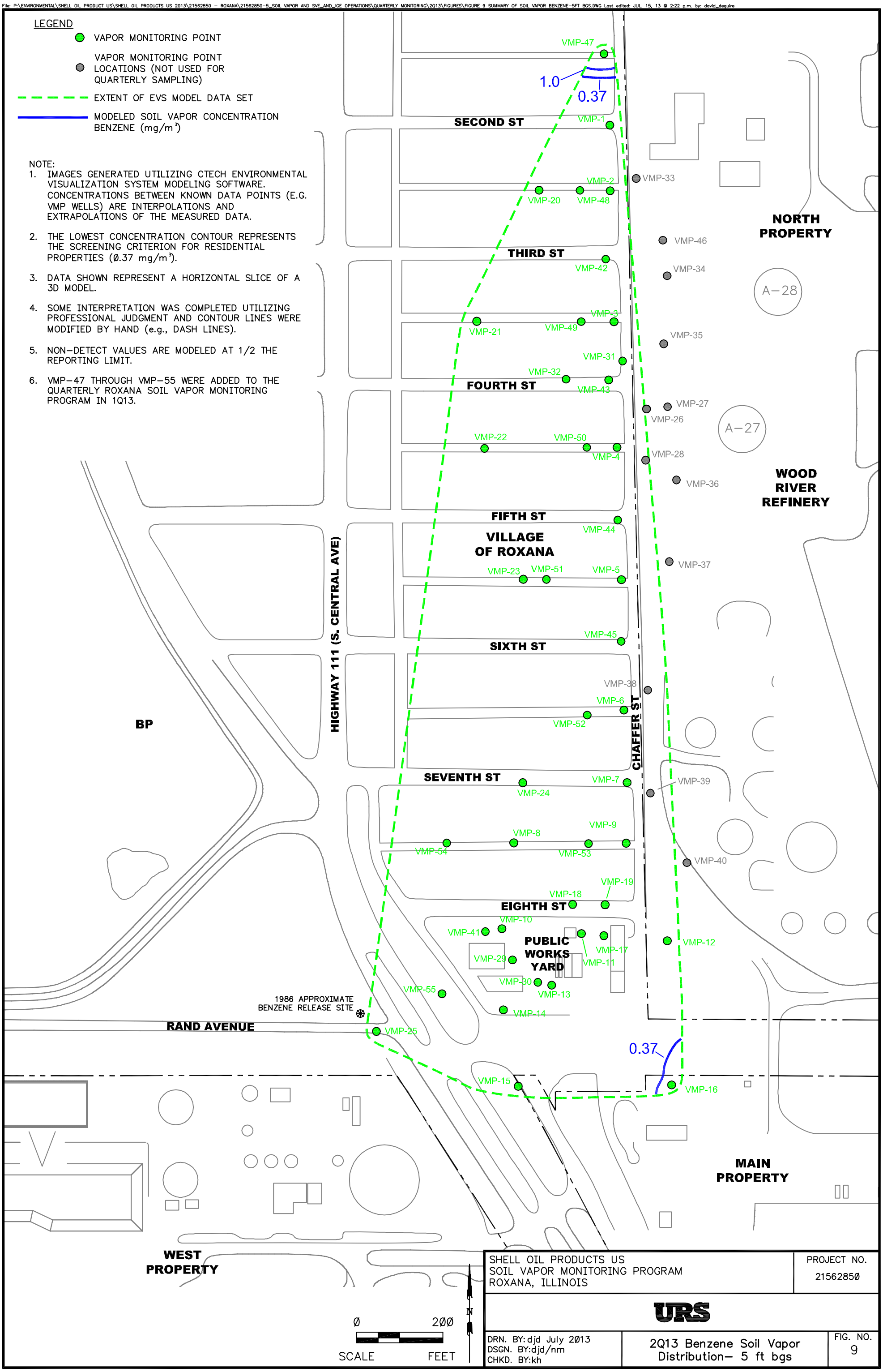
File: P:\ENVIRONMENTAL\SHELL OIL PRODUCT US\SHELL OIL PRODUCTS US 2013\21562850 – ROXANA\21562850-5_SOIL VAPOR AND SVE_AND_ICE OPERATIONS\QUARTERLY MONITORING\2013\FIGURES\FIGURE 9 SUMMARY OF SOIL VAPOR BENZENE-5FT BGS.DWG Last edited: JUL. 15, 13 @ 2:22 p.m. by: david_deguire

LEGEND

- VAPOR MONITORING POINT
- VAPOR MONITORING POINT LOCATIONS (NOT USED FOR QUARTERLY SAMPLING)
- EXTENT OF EVS MODEL DATA SET
- MODELED SOIL VAPOR CONCENTRATION BENZENE (mg/m^3)

NOTE:

1. IMAGES GENERATED UTILIZING CTECH ENVIRONMENTAL VISUALIZATION SYSTEM MODELING SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF THE MEASURED DATA.
2. THE LOWEST CONCENTRATION CONTOUR REPRESENTS THE SCREENING CRITERION FOR RESIDENTIAL PROPERTIES (Ø.37 mg/m^3).
3. DATA SHOWN REPRESENT A HORIZONTAL SLICE OF A 3D MODEL.
4. SOME INTERPRETATION WAS COMPLETED UTILIZING PROFESSIONAL JUDGMENT AND CONTOUR LINES WERE MODIFIED BY HAND (e.g., DASH LINES).
5. NON-DETECT VALUES ARE MODELED AT 1/2 THE REPORTING LIMIT.
6. VMP-47 THROUGH VMP-55 WERE ADDED TO THE QUARTERLY ROXANA SOIL VAPOR MONITORING PROGRAM IN 1Q13.



SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 21562850
URS		
DRN. BY: djd July 2013 DSGN. BY: djd/nm CHKD. BY: kh	2Q13 Benzene Soil Vapor Distribution– 5 ft bgs	FIG. NO. 9

File: P:\ENVIRONMENTAL\SHELL OIL PRODUCT US\SHELL OIL PRODUCTS US 2013\21562850 – ROXANA\21562850-5_SOIL VAPOR AND SVE_AND_ICE OPERATIONS\QUARTERLY MONITORING\2013\FIGURES\FIGURE 10 SUMMARY OF SOIL VAPOR BENZENE 10FT BGS.DWG Last edited: JUL. 15, 13 @ 2:26 p.m. by: david_deguire

LEGEND

- VAPOR MONITORING POINT
- VAPOR MONITORING POINT LOCATIONS (NOT USED FOR QUARTERLY SAMPLING)
- EXTENT OF EVS MODEL DATA SET
- MODELED SOIL VAPOR CONCENTRATION BENZENE (mg/m^3)

NOTE:

1. IMAGES GENERATED UTILIZING CTECH ENVIRONMENTAL VISUALIZATION SYSTEM MODELING SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF THE MEASURED DATA.
2. THE LOWEST CONCENTRATION CONTOUR REPRESENTS THE SCREENING CRITERION FOR RESIDENTIAL PROPERTIES (Ø.37 mg/m^3).
3. DATA SHOWN REPRESENT A HORIZONTAL SLICE OF A 3D MODEL.
4. SOME INTERPRETATION WAS COMPLETED UTILIZING PROFESSIONAL JUDGMENT AND CONTOUR LINES WERE MODIFIED BY HAND (e.g., DASH LINES).
5. NON-DETECT VALUES ARE MODELED AT 1/2 THE REPORTING LIMIT.
6. VMP-47 THROUGH VMP-55 WERE ADDED TO THE QUARTERLY ROXANA SOIL VAPOR MONITORING PROGRAM IN 1Q13.

VMP-47, 1.0, 0.37, SECOND ST, VMP-1, VMP-33, VMP-2, VMP-20, VMP-48, NORTH PROPERTY, VMP-46, THIRD ST, VMP-42, VMP-34, A-28, VMP-21, VMP-49, VMP-3, VMP-35, VMP-31, VMP-32, FOURTH ST, VMP-43, VMP-27, VMP-26, A-27, VMP-22, VMP-50, VMP-4, VMP-28, VMP-36, WOOD RIVER REFINERY, FIFTH ST, VMP-44, VILLAGE OF ROXANA, VMP-37, VMP-23, VMP-51, VMP-5, VMP-45, SIXTH ST, HIGHWAY 111 (S. CENTRAL AVE), VMP-38, VMP-6, VMP-52, BP, SEVENTH ST, VMP-7, VMP-24, VMP-39, CHAFFEE ST, VMP-8, VMP-9, VMP-54, VMP-53, VMP-40, VMP-18, VMP-19, EIGHTH ST, VMP-41, VMP-11, PUBLIC WORKS YARD, VMP-10, VMP-17, VMP-12, VMP-29, VMP-30, VMP-13, VMP-55, VMP-14, 1986 APPROXIMATE BENZENE RELEASE SITE, RAND AVENUE, VMP-25, 0.37, 1.0, VMP-15, VMP-16, MAIN PROPERTY, WEST PROPERTY

Ø 200Ø
SCALE FEET

N

SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 21562850
URS	
DRN. BY:djd July 2013 DSGN. BY:nm CHKD. BY:kh	2Q13 Benzene Soil Vapor Distribution– 10 ft bgs FIG. NO. 10

File: P:\ENVIRONMENTAL\SHELL OIL PRODUCT US\SHELL OIL PRODUCTS US 2013\21562850 – ROXANA\21562850-5_SOIL VAPOR AND SVE_AND_ICE OPERATIONS\QUARTERLY MONITORING\2013\FIGURES\FIGURE 11 SUMMARY OF SOIL VAPOR BENZENE 25FT BGS.DWG Last edited: JUL. 15, 13 @ 2:36 p.m. by: david_deguire

LEGEND

- VAPOR MONITORING POINT
- VAPOR MONITORING POINT LOCATIONS (NOT USED FOR QUARTERLY SAMPLING)
- EXTENT OF EVS MODEL DATA SET
- MODELED SOIL VAPOR CONCENTRATION BENZENE (mg/m^3)

NOTE:

1. IMAGES GENERATED UTILIZING CTECH ENVIRONMENTAL VISUALIZATION SYSTEM MODELING SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF THE MEASURED DATA.
2. THE LOWEST CONCENTRATION CONTOUR REPRESENTS THE SCREENING CRITERION FOR RESIDENTIAL PROPERTIES (Ø.37 mg/m^3).
3. DATA SHOWN REPRESENT A HORIZONTAL SLICE OF A 3D MODEL.
4. SOME INTERPRETATION WAS COMPLETED UTILIZING PROFESSIONAL JUDGMENT AND CONTOUR LINES WERE MODIFIED BY HAND (e.g., DASH LINES).
5. NON-DETECT VALUES ARE MODELED AT 1/2 THE REPORTING LIMIT.
6. VMP-47 THROUGH VMP-55 WERE ADDED TO THE QUARTERLY ROXANA SOIL VAPOR MONITORING PROGRAM IN 1Q13.

SECOND ST
THIRD ST
FOURTH ST
FIFTH ST
SIXTH ST
SEVENTH ST
EIGHTH ST
VILLAGE OF ROXANA
HIGHWAY 111 (S. CENTRAL AVE)
CHAFFER ST
RAND AVENUE
1986 APPROXIMATE BENZENE RELEASE SITE
BP
NORTH PROPERTY
WOOD RIVER REFINERY
MAIN PROPERTY
WEST PROPERTY
PUBLIC WORKS YARD
A-28
A-27

VMP-47, VMP-1, VMP-2, VMP-20, VMP-48, VMP-33, VMP-46, VMP-34, VMP-42, VMP-3, VMP-21, VMP-49, VMP-35, VMP-31, VMP-32, VMP-43, VMP-27, VMP-26, VMP-22, VMP-50, VMP-4, VMP-28, VMP-36, VMP-44, VMP-37, VMP-23, VMP-51, VMP-5, VMP-45, VMP-38, VMP-6, VMP-52, VMP-7, VMP-24, VMP-39, VMP-54, VMP-8, VMP-9, VMP-53, VMP-40, VMP-18, VMP-19, VMP-41, VMP-10, VMP-11, VMP-17, VMP-12, VMP-29, VMP-30, VMP-13, VMP-55, VMP-14, VMP-25, VMP-16, VMP-15

1.0
0.37
0.37
1.0
0.37
1.0
100.0
10.0
1,000.0
10.0
0.37

< 0.14 mg/m³ AT 25.5 ft

Ø 200
SCALE FEET
N

SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 21562850
URS		
DRN. BY: djd July 2013 DSGN. BY: djd/nm CHKD. BY: kh	2Q13 Benzene Soil Vapor Distribution– 25 ft bgs	FIG. NO. 11

File: P:\ENVIRONMENTAL\SHELL OIL PRODUCT US\SHELL OIL PRODUCTS US 2013\21562850 – ROXANA\21562850-5_SOIL VAPOR AND SVE_AND_ICE OPERATIONS\QUARTERLY MONITORING\2Q13\FIGURES\FIGURE 12 DISSOLVED PHASE BENZENE CONCENTRATIONS IN GROUNDWATER.DWG Last edited: JUL. 10, 13 @ 10:56 a.m. by: david_deguire

LEGEND

- GROUNDWATER MONITORING WELL SAMPLING LOCATION
- GROUNDWATER MONITORING WELL LOCATION NOT SAMPLED
- GROUNDWATER MONITORING WELL LNAPL THICKNESS
- GROUNDWATER PIEZOMETER SAMPLING LOCATION
- GROUNDWATER PIEZOMETER LOCATION NOT SAMPLED
- GROUNDWATER PIEZOMETER LNAPL THICKNESS
- LNAPL THICKNESS CONTOUR (FEET)
- EXTENT OF EVS MODEL DATA SET
- 50.0 GROUNDWATER CONCENTRATION BENZENE (mg/L)

LNAPL THICKNESS WAS MEASURED DURING THE COMPREHENSIVE GROUNDWATER MONITORING GAUGING EVENT ON APRIL 1–3, 2013. REFER TO TABLE 1 FOR GROUNDWATER GAUGING INFORMATION.

NOTES:

1. IMAGES GENERATED UTILIZING CTECH ENVIRONMENTAL VISUALIZATION SYSTEM MODELING SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. GROUNDWATER MONITORING WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF THE MEASURED DATA. SOME INTERPRETATION WAS COMPLETED UTILIZING PROFESSIONAL JUDGEMENT AND CONTOUR LINES WERE MODIFIED BY HAND.
2. ALL RESULTS SHOWN IN mg/L.
3. ANALYTICAL REPORTING LIMITS ARE SHOWN FOR SAMPLES WITH NON-DETECT RESULTS (e.g., <0.0005 mg/L).
4. J = THE TARGET ANALYTE WAS DETECTED BELOW THE REPORTING LIMIT AND THE RESULT IS ESTIMATED.
   U = RESULTS IS NON-DETECT.
5. NON-DETECT VALUES ARE MODELED AT HALF THE REPORTING LIMIT.
6. MULTIPLE RESULTS (e.g. 475/499) INDICATE DUPLICATE SAMPLES.
7. GROUNDWATER MONITORING WELLS MW-16 AND MW-22 WERE ADDED TO THE INTERIM GROUNDWATER MONITORING PROGRAM IN 1Q13.
8. GROUNDWATER MONITORING WELLS ROST-4-PZ(A), ROST-4-PZ(F), ROST-4-PZ(G), MW-18, AND MW-21 ARE NOT PART OF THE INTERIM GROUNDWATER MONITORING PROGRAM BUT WERE SPLIT SAMPLED WITH THE IEPA IN 2Q13.
9. GROUNDWATER MONITORING WELLS ROST-3-MW, MW-22, AND MW-24 WERE ALSO SPLIT SAMPLED WITH THE IEPA IN 2Q13.

SECOND ST
THIRD ST
FOURTH ST
FIFTH ST
SIXTH ST
SEVENTH ST
EIGHTH ST
CHAFFEE ST
HIGHWAY 111 (S. CENTRAL AVE)
RAND AVENUE
VILLAGE OF ROXANA
NORTH PROPERTY
WOOD RIVER REFINERY
MAIN PROPERTY
WEST PROPERTY
PUBLIC WORKS YARD
BP
1986 APPROXIMATE BENZENE RELEASE SITE

MW-9 <0.0005
MW-10 0.00067
P-55 0.434
P-60-11
ROST-4-PZ(A) 0.208
ROST-4-PZ(C) 0.0153J
ROST-3-MW 0.0605
ROST-4-PZ 0.08
ROST-4-PZ(F) 0.15
ROST-4-PZ(G) 0.0228
P-60 0.08
P-60-S 0.06
0.01
0.10
P-68 0.14
A-28
0.01
T-24 0.06
MW-11 0.00065U
P-54 0.0028
MW-17
T-12 1.61
P-69
MW-24 0.0029
MW-22 1.5
0.5
A-27
P-70
MW-18 0.183J
P-59 15/13.4
P-74 0.144
1.00
P-61 1.86*
MW-9
50.0
0.5
NORTH PROPERTY
MW-16 0.00058U
MW-12 0.00088U
MW-20
P-56 0.131
MW-1 0.0004J
MW-2 0.0174
0.005
0.5
T-6
MW-3 0.008
MW-4 64.2/72.9
MW-21 368/364
P-57 141
5.0
500.0
50.0
P-93A 120/120
P-93B 618
P-93C <0.0005
P-93D <0.0005
P-73
MW-5 0.0018
MW-7 475/499
MW-8 969
P-58 532
0.005
5.0
0.5
0.05
MW-13 0.0102J
P-66 0.0444
P-75
MW-6A 0.0017
MW-6B 0.00043J
MW-6C 0.00062
MW-6D 0.00055
MAIN PROPERTY
P-114 <0.0005
MW-14 0.0125J
P-116
P-115

0 200 SCALE FEET

N

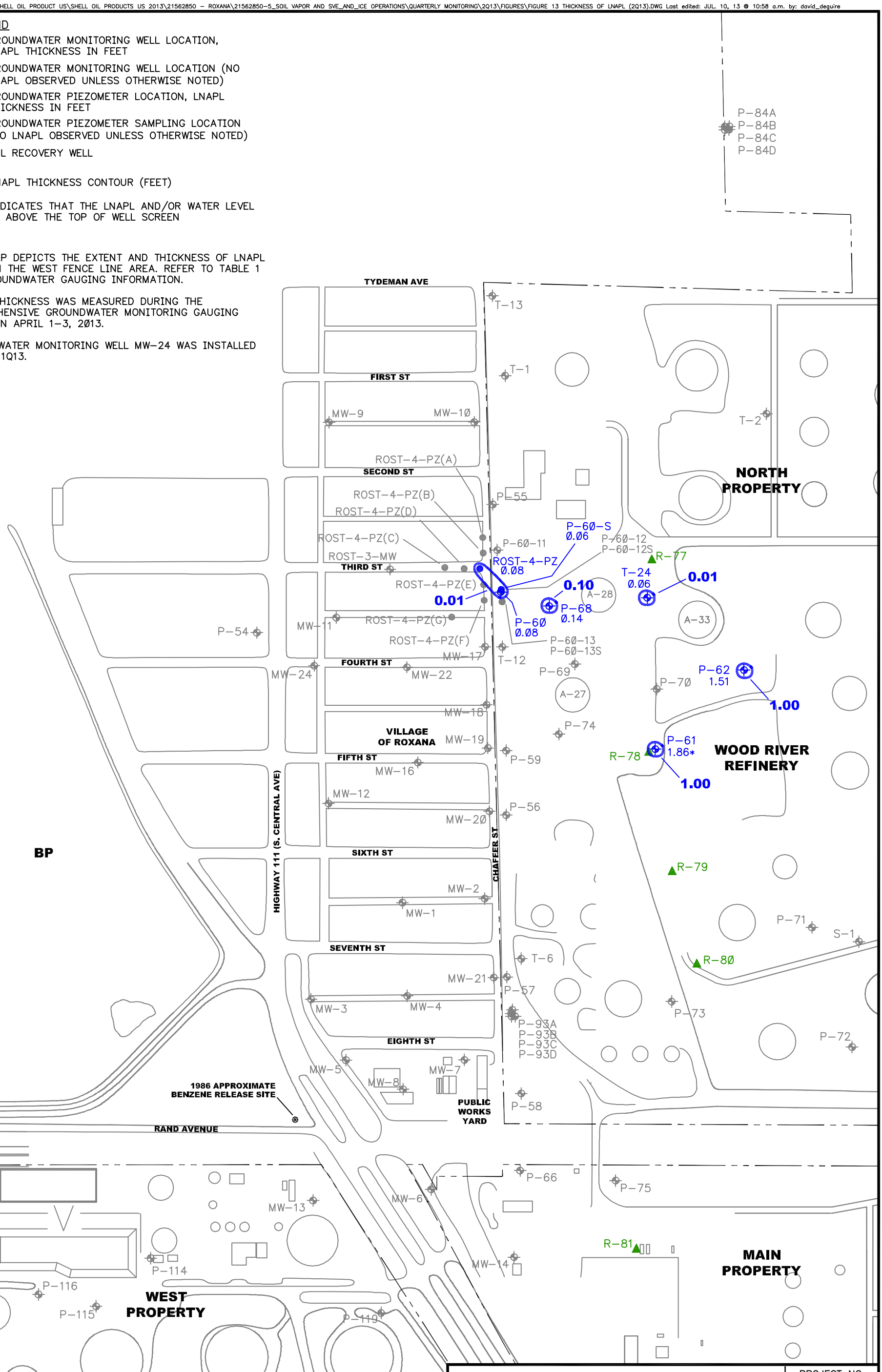
SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 21562850
URS	
DRN. BY: djd July 2013 DSGN. BY: nm/lr CHKD. BY: kh	2Q13 Dissolved Phase Benzene Concentrations in Groundwater
	FIG. NO. 12

File: P:\ENVIRONMENTAL\SHELL OIL PRODUCT US\SHELL OIL PRODUCTS US 2013\21562850 – ROXANA\21562850-5_SOIL VAPOR AND SVE_AND_ICE OPERATIONS\QUARTERLY MONITORING\2Q13\FIGURES\FIGURE 13 THICKNESS OF LNAPL (2Q13).DWG Last edited: JUL. 10, 13 @ 10:58 a.m. by: david_deguire

LEGEND

- GROUNDWATER MONITORING WELL LOCATION, LNAPL THICKNESS IN FEET
- GROUNDWATER MONITORING WELL LOCATION (NO LNAPL OBSERVED UNLESS OTHERWISE NOTED)
- GROUNDWATER PIEZOMETER LOCATION, LNAPL THICKNESS IN FEET
- GROUNDWATER PIEZOMETER SAMPLING LOCATION (NO LNAPL OBSERVED UNLESS OTHERWISE NOTED)
- OIL RECOVERY WELL
- LNAPL THICKNESS CONTOUR (FEET)
- * INDICATES THAT THE LNAPL AND/OR WATER LEVEL IS ABOVE THE TOP OF WELL SCREEN

NOTE:
1. THIS MAP DEPICTS THE EXTENT AND THICKNESS OF LNAPL BENEATH THE WEST FENCE LINE AREA. REFER TO TABLE 1 FOR GROUNDWATER GAUGING INFORMATION.
2. LNAPL THICKNESS WAS MEASURED DURING THE COMPREHENSIVE GROUNDWATER MONITORING GAUGING EVENT ON APRIL 1–3, 2Ø13.
3. GROUNDWATER MONITORING WELL MW–24 WAS INSTALLED DURING 1Q13.



SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 21562850
URS		
DRN. BY: djd July 2013 DSGN. BY: lr CHKD. BY: kh	2Q13 Thickness of LNAPL – West Fenceline	FIG. NO. 13

(S. CENTRAL AVE) HIGHWAY 111

VILLAGE OF ROXANA

1986 APPROXIMATE BENZENE RELEASE SITE

EIGHTH ST | SEVENTH ST | SIXTH ST | FIFTH ST | FOURTH ST | THIRD ST | SECOND ST

CHAFFER ST

PUBLIC WORKS PROPERTY

VMP-1 VMP-2 VMP-3 VMP-4 VMP-5 VMP-6 VMP-7 VMP-8 VMP-9 VMP-10 VMP-11 VMP-12 VMP-13 VMP-14 VMP-15 VMP-16 VMP-17 VMP-18 VMP-19 VMP-20 VMP-21 VMP-22 VMP-23 VMP-24 VMP-25 VMP-26 VMP-27 VMP-28 VMP-29 VMP-30 VMP-31 VMP-32 VMP-33 VMP-34 VMP-35 VMP-36 VMP-37 VMP-38 VMP-39 VMP-40 VMP-41 VMP-42 VMP-43 VMP-44 VMP-45 VMP-46 VMP-47 VMP-48 VMP-49 VMP-50 VMP-51 VMP-52 VMP-53 VMP-54 VMP-55

SVE-1 SVE-2 SVE-3 SVE-4 SVE-5 SVE-6 SVE-7 SVE-8 SVE-9 SVE-10 SVE-11 SVE-12 SVE-13 SVE-14 SVE-15 SVE-16 SVE-17 SVE-18 SVE-19 SVE-20 SVE-21 SVE-22 SVE-23 SVE-24 SVE-25 SVE-26 SVE-27 SVE-28 SVE-29 SVE-30 SVE-31 SVE-32 SVE-33 SVE-34 SVE-35 SVE-36

CONEX

RTO

ABOVE GROUND STORAGE TANKS

ASPHALT PARKING

OMC BUILDING

BUILDING

METER SHELTER

MAIN PROPERTY

WOOD RIVER REFINERY

NORTH PROPERTY

F-73 F-74 F-76 F-77 F-78 A-22 A-27 A-28

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

LEGEND:

- SVE EXTRACTION WELL (SEE TABLE FOR COLOR LEGEND)
- VAPOR MONITORING POINT (VMP)
- PROPERTY BOUNDARY

N

80 0 80

SCALE IN FEET

SHELL OIL PRODUCTS US
SOIL VAPOR MONITORING PROGRAM
ROXANA, ILLINOIS

PROJECT NO. 21562850

URS

DRN. BY: djd July 2013
DSGN. BY: lv
CHKD. BY: kh

2Q13 SVE System Layout

FIG. NO. 14

File: P:\ENVIRONMENTAL\SHELL OIL PRODUCT US\SHELL OIL PRODUCTS US 2013\21562850 - ROXANA\21562850-5_SOIL VAPOR AND SVE_AND_ICE OPERATIONS\QUARTERLY MONITORING\2013\FIGURES\FIGURE 14 SVE SYSTEM LAYOUT.DWG Last edited: JUL. 10, 13 @ 11:09 a.m. by: david_deguire

Roxana Soil Vapor Quarterly – 2nd Quarter 2013 Data Review

Laboratory SDG: 1304593A,B

Data Reviewer: Melissa Mansker

Peer Reviewer: Elizabeth Kunkel

Date Reviewed: 6/11/2013

Guidance: USEPA National Functional Guidelines for Superfund Organic Methods Data Review 2008

Sample Identification	Sample Identification
VMP-20-5-041913	VMP-20-10-041913
VMP-20-25-041913	VMP-22-5-041913
VMP-22-10-041913	VMP-22-18-042213
VMP-22-38-042213	VMP-23-5-042213
VMP-23-10-042213	VMP-23-25-042213
VMP-23-40-042213	VMP-23-40-042213-Dup

1.0 Data Package Completeness

Were all items delivered as specified in the QAPP and COC as appropriate?

Yes

2.0 Laboratory Case Narrative \ Cooler Receipt Form

Were problems noted in the laboratory case narrative or cooler receipt form?

Yes, the laboratory case narrative indicated results for 4-ethyltoluene in samples VMP-20-5-041913, VMP-20-25-041913, VMP-22-10-041913, VMP-22-38-042213, VMP-23-5-042213, VMP-23-25-042213, and field duplicate pair VMP-23-40-042213/VMP-23-40-042213-Dup may be biased high due to co-elution with a non-target analyte. Although not indicated in the laboratory case narrative, analytes were detected in the method blank. These issues are addressed further in the appropriate sections below.

No issues or discrepancies were noted in the cooler receipt form.

3.0 Holding Times

Were samples extracted/analyzed within applicable limits?

Yes

4.0 Blank Contamination

Were any analytes detected in the Blanks?

Yes

Blank ID	Parameter	Analyte	Concentration/ Amount
1304593A-13A	TO-15	Carbon disulfide	0.54 ppbv / 1.7 µg/m^3
1304593A-13A	TO-15	Methylene chloride	0.33 ppbv / 1.2 µg/m^3
1304593A-13A	TO-15	trans-1,2-Dichloroethene	0.13 ppbv / 0.52 µg/m^3
1304593A-13A	TO-15	cis-1,3-Dichloropropene	0.12 ppbv / 0.53 µg/m^3

Blank ID	Parameter	Analyte	Concentration/ Amount
1304593A-13A	TO-15	Toluene	0.055 ppbv / 0.21 µg/m^3
1304593A-13A	TO-15	trans-1,3-Dichloropropene	0.18 ppbv / 0.81 µg/m^3
1304593A-13A	TO-15	Tetrachloroethene	0.074 ppbv / 0.50 µg/m^3
1304593A-13A	TO-15	1,2-Dibromoethane (EDB)	0.15 ppbv / 1.2 µg/m^3
1304593A-13A	TO-15	o-Xylene	0.12 ppbv / 0.54 µg/m^3
1304593A-13A	TO-15	Styrene	0.12 ppbv / 0.50 µg/m^3
1304593A-13A	TO-15	Cumene	0.21 ppbv / 1.0 µg/m^3
1304593A-13A	TO-15	1,1,2,2-Tetrachloroethane	0.099 ppbv / 0.68 µg/m^3
1304593A-13A	TO-15	Propylbenzene	0.17 ppbv / 0.85 µg/m^3
1304593A-13A	TO-15	4-Ethyltoluene	0.16 ppbv / 0.77 µg/m^3
1304593A-13A	TO-15	1,3,5-Trimethylbenzene	0.30 ppbv / 1.5 µg/m^3
1304593A-13A	TO-15	1,2,4-Trimethylbenzene	0.25 ppbv / 1.2 µg/m^3
1304593A-13A	TO-15	1,3-Dichlorobenzene	0.28 ppbv / 1.7 µg/m^3
1304593A-13A	TO-15	1,4-Dichlorobenzene	0.33 ppbv / 2.0 µg/m^3
1304593A-13A	TO-15	alpha-Chlorotoulene	0.18 ppbv / 0.93 µg/m^3
1304593A-13A	TO-15	1,2-Dichlorobenzene	0.32 ppbv / 1.9 µg/m^3
1304593A-13A	TO-15	1,2,4-Trichlorobenzene	1.0 ppbv / 7.7 µg/m^3
1304593A-13A	TO-15	Hexachlorobutadiene	0.73 ppbv / 7.8 µg/m^3
1304593B-13A	Natural gases	Oxygen	0.012%
1304593B-13A	Natural gases	Nitrogen	0.060%
1304593B-13B	Natural gases	Helium	0.014%

Qualifications due to blank contamination are included in the table below. Analytical data that were reported non-detect or at concentrations greater than five times (5X) the associated blank concentration did not require qualification.

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-20-5-041913	TO-15	Carbon disulfide	-	**U**
VMP-20-5-041913	TO-15	Tetrachloroethene	-	**U**
VMP-20-5-041913	TO-15	Cumene	-	**U**
VMP-20-5-041913	TO-15	Propylbenzene	-	**U**
VMP-20-5-041913	TO-15	1,3,5-Trimethylbenzene	-	**U**
VMP-20-5-041913	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-20-5-041913	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-20-5-041913	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-20-10-041913	TO-15	Carbon disulfide	-	**U**
VMP-20-10-041913	TO-15	Toluene	-	**U**
VMP-20-10-041913	TO-15	Tetrachloroethene	-	**U**
VMP-20-10-041913	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-20-10-041913	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-20-10-041913	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-20-25-041913	TO-15	Carbon disulfide	-	**U**
VMP-20-25-041913	TO-15	Tetrachloroethene	-	**U**

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-20-25-041913	TO-15	Propylbenzene	-	**U**
VMP-20-25-041913	TO-15	1,3,5-Trimethylbenzene	-	**U**
VMP-20-25-041913	TO-15	1,2,4-Trimethylbenzene	-	**U**
VMP-20-25-041913	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-20-25-041913	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-20-25-041913	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-22-5-041913	TO-15	Carbon disulfide	-	**U**
VMP-22-5-041913	TO-15	Methylene chloride	-	**U**
VMP-22-5-041913	TO-15	Tetrachloroethene	-	**U**
VMP-22-5-041913	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-22-5-041913	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-22-5-041913	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-22-10-041913	TO-15	Carbon disulfide	-	**U**
VMP-22-10-041913	TO-15	Methylene chloride	-	**U**
VMP-22-10-041913	TO-15	Tetrachloroethene	-	**U**
VMP-22-10-041913	TO-15	Cumene	-	**U**
VMP-22-10-041913	TO-15	1,3,5-Trimethylbenzene	-	**U**
VMP-22-10-041913	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-22-10-041913	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-22-18-042213	TO-15	Carbon disulfide	-	**U**
VMP-22-18-042213	TO-15	Toluene	-	**U**
VMP-22-18-042213	TO-15	Tetrachloroethene	-	**U**
VMP-22-18-042213	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-22-38-042213	TO-15	Carbon disulfide	-	**U**
VMP-22-38-042213	TO-15	Tetrachloroethene	-	**U**
VMP-22-38-042213	TO-15	Cumene	-	**U**
VMP-22-38-042213	TO-15	1,3,5-Trimethylbenzene	-	**U**
VMP-22-38-042213	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-22-38-042213	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-23-5-042213	TO-15	Carbon disulfide	-	**U**
VMP-23-5-042213	TO-15	Tetrachloroethene	-	**U**
VMP-23-5-042213	TO-15	Cumene	-	**U**
VMP-23-5-042213	TO-15	Propylbenzene	-	**U**
VMP-23-5-042213	TO-15	1,3,5-Trimethylbenzene	-	**U**
VMP-23-5-042213	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-23-5-042213	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-23-10-042213	TO-15	Carbon disulfide	-	**U**
VMP-23-10-042213	TO-15	Toluene	-	**U**
VMP-23-25-042213	TO-15	Carbon disulfide	-	**U**
VMP-23-25-042213	TO-15	Methylene chloride	-	**U**
VMP-23-25-042213	TO-15	Tetrachloroethene	-	**U**
VMP-23-25-042213	TO-15	Cumene	-	**U**
VMP-23-25-042213	TO-15	Propylbenzene	-	**U**

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-23-25-042213	TO-15	1,3,5-Trimethylbenzene	-	**U**
VMP-23-25-042213	TO-15	1,2,4-Trimethylbenzene	-	**U**
VMP-23-40-042213	TO-15	Carbon disulfide	-	**U**
VMP-23-40-042213	TO-15	Tetrachloroethene	-	**U**
VMP-23-40-042213	TO-15	1,3,5-Trimethylbenzene	-	**U**
VMP-23-40-042213	TO-15	1,2,4-Trimethylbenzene	-	**U**
VMP-23-40-042213-Dup	TO-15	Carbon disulfide	-	**U**
VMP-23-40-042213-Dup	TO-15	Tetrachloroethene	-	**U**

5.0 Laboratory Control Sample

Were LCS recoveries within evaluation criteria?

Yes

6.0 Surrogate Recoveries

Were surrogate recoveries within evaluation criteria?

Yes

7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

Were MS/MSD samples analyzed as part of this SDG?

MS/MSD samples are not applicable for vapor samples, due to the inability to spike the samples.

8.0 Laboratory Duplicate Results

Were laboratory duplicate samples collected as part of this SDG?

No

9.0 Field Duplicate Results

Were field duplicate samples collected as part of this SDG?

Yes

Field ID	Field Duplicate ID
VMP-23-40-042213	VMP-23-40-042213-Dup

Were field duplicate sample RPDs within evaluation criteria?

Yes

10.0 Sample Dilutions

For samples that were diluted and nondetect, were undiluted results also reported?

Not applicable; analytes were detected in samples that were diluted.

11.0 Additional Qualifications

Were additional qualifications applied?

Yes, results for 4-ethyltoluene in samples VMP-20-5-041913, VMP-20-25-041913, VMP-22-10-041913, VMP-22-38-042213, VMP-23-5-042213, VMP-23-25-042213, and field duplicate pair VMP-23-40-042213/VMP-23-40-042213-Dup may be biased high due to co-elution with a non-target analyte. Qualification of 4-ethyltoluene in these samples is included in the table below.

Sample ID	Parameter	Analyte	Qualification
VMP-20-5-041913	TO-15	4-Ethyltoluene	**J**
VMP-20-25-041913	TO-15	4-Ethyltoluene	**J**
VMP-22-10-041913	TO-15	4-Ethyltoluene	**J**
VMP-22-38-042213	TO-15	4-Ethyltoluene	**J**
VMP-23-5-042213	TO-15	4-Ethyltoluene	**J**
VMP-23-25-042213	TO-15	4-Ethyltoluene	**J**
VMP-23-40-042213	TO-15	4-Ethyltoluene	**J**
VMP-23-40-042213-Dup	TO-15	4-Ethyltoluene	**J**

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5/10/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1304593A

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 4/26/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

Reviewed on 6/11/2013

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WORK ORDER #: 1304593A

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	04/26/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/10/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-20-5-041913	Modified TO-15	6.1 "Hg	14.7 psi
02A	VMP-20-10-041913	Modified TO-15	6.5 "Hg	14.8 psi
03A	VMP-20-25-041913	Modified TO-15	7.6 "Hg	14.7 psi
04A	VMP-22-5-041913	Modified TO-15	5.9 "Hg	15.2 psi
05A	VMP-22-10-041913	Modified TO-15	7.3 "Hg	14.9 psi
06A	VMP-22-18-042213	Modified TO-15	9 "Hg	14.9 psi
07A	VMP-22-38-042213	Modified TO-15	9.6 "Hg	14.6 psi
08A	VMP-23-5-042213	Modified TO-15	8.4 "Hg	14.4 psi
09A	VMP-23-10-042213	Modified TO-15	7.3 "Hg	14.7 psi
10A	VMP-23-25-042213	Modified TO-15	8.2 "Hg	14.8 psi
11A	VMP-23-40-042213	Modified TO-15	8.4 "Hg	15.2 psi
12A	VMP-23-40-042213-Dup	Modified TO-15	8.4 "Hg	15.2 psi
13A	Lab Blank	Modified TO-15	NA	NA
14A	CCV	Modified TO-15	NA	NA
15A	LCS	Modified TO-15	NA	NA
15AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 05/10/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
URS Corporation
Workorder# 1304593A

Twelve 1 Liter Summa Canister samples were received on April 26, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per client project requirements, the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified (0.2 ppbv for compounds reported at 0.5 ppbv and 0.8 ppbv for compounds reported at 2.0 ppbv) may be false positives.

The reported result for 4-Ethyltoluene in samples VMP-20-5-041913, VMP-20-25-041913, VMP-22-10-041913, VMP-22-38-042213, VMP-23-5-042213, VMP-23-25-042213, VMP-23-40-042213 and VMP-23-40-042213-Dup may be biased high due to co-elution with a non target compound with similar characteristic ions. Both the primary and secondary ion for 4-Ethyltoluene exhibited potential interference.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-20-5-041913

Lab ID#: 1304593A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.2	0.56 J	6.2	2.8 J
Freon 11	1.2	0.45 J	7.0	2.5 J
Acetone	12	4.2 J	30	9.9 J
2-Propanol	5.0	3.3 J	12	8.1 J
Carbon Disulfide	5.0	~~1.1 J~~ U	16	~~3.5 J~~ U
Hexane	1.2	2.8	4.4	10
Cyclohexane	1.2	2.0	4.3	6.8
2,2,4-Trimethylpentane	1.2	25	5.9	120
Benzene	1.2	1.1 J	4.0	3.6 J
Heptane	1.2	1.1 J	5.1	4.6 J
Toluene	1.2	1.7	4.7	6.6
Tetrachloroethene	1.2	~~0.35 J~~ U	8.5	~~2.4 J~~ U
Ethyl Benzene	1.2	1.4	5.4	5.9
m,p-Xylene	1.2	3.4	5.4	14
o-Xylene	1.2	1.5	5.4	6.6
Cumene	1.2	~~0.26 J~~ U	6.2	~~1.3 J~~ U
Propylbenzene	1.2	~~0.59 J~~ U	6.2	~~2.9 J~~ U
4-Ethyltoluene	1.2	1.8 J	6.2	9.1 J
1,3,5-Trimethylbenzene	1.2	~~0.54 J~~ U	6.2	~~2.7 J~~ U
1,2,4-Trimethylbenzene	1.2	1.8	6.2	8.8
1,3-Dichlorobenzene	1.2	~~0.30 J~~ U	7.5	~~1.8 J~~ U
1,4-Dichlorobenzene	1.2	~~0.37 J~~ U	7.5	~~2.2 J~~ U
1,2,4-Trichlorobenzene	5.0	~~0.58 J~~ U	37	~~4.3 J~~ U
Butane	5.0	17	12	41
Isopentane	5.0	26	15	76

Client Sample ID: VMP-20-10-041913

Lab ID#: 1304593A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	0.45 J	6.3	2.2 J
Freon 11	1.3	0.62 J	7.2	3.5 J
Acetone	13	3.8 J	30	9.1 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-20-10-041913

Lab ID#: 1304593A-02A

2-Propanol	5.1	4.5 J	12	11 J
Carbon Disulfide	5.1	~~1.2 J~~ U	16	~~3.6 J~~ U
2,2,4-Trimethylpentane	1.3	11	6.0	51
Toluene	1.3	~~0.14 J~~ U	4.8	~~0.54 J~~ U
Tetrachloroethene	1.3	~~0.35 J~~ U	8.7	~~2.4 J~~ U
1,3-Dichlorobenzene	1.3	~~0.21 J~~ U	7.7	~~1.2 J~~ U
1,4-Dichlorobenzene	1.3	~~0.27 J~~ U	7.7	~~1.6 J~~ U
1,2,4-Trichlorobenzene	5.1	~~0.51 J~~ U	38	~~3.8 J~~ U
Butane	5.1	3.2 J	12	7.5 J
Isopentane	5.1	1.7 J	15	4.9 J

Client Sample ID: VMP-20-25-041913

Lab ID#: 1304593A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	0.50 J	6.6	2.5 J
Freon 11	1.3	1.7	7.5	9.8
Acetone	13	5.1 J	32	12 J
2-Propanol	5.3	2.6 J	13	6.4 J
Carbon Disulfide	5.3	~~1.2 J~~ U	17	~~3.8 J~~ U
Hexane	1.3	1.9	4.7	6.8
Cyclohexane	1.3	0.66 J	4.6	2.3 J
2,2,4-Trimethylpentane	1.3	16	6.2	76
Benzene	1.3	0.92 J	4.3	2.9 J
Heptane	1.3	0.61 J	5.5	2.5 J
Toluene	1.3	1.1 J	5.0	4.2 J
Tetrachloroethene	1.3	~~0.35 J~~ U	9.0	~~2.4 J~~ U
Ethyl Benzene	1.3	0.76 J	5.8	3.3 J
m,p-Xylene	1.3	1.8	5.8	7.9
o-Xylene	1.3	0.74 J	5.8	3.2 J
Propylbenzene	1.3	~~0.47 J~~ U	6.6	~~2.3 J~~ U
4-Ethyltoluene	1.3	1.4 J	6.6	7.0 J
1,3,5-Trimethylbenzene	1.3	~~0.39 J~~ U	6.6	~~1.9 J~~ U
1,2,4-Trimethylbenzene	1.3	~~1.2 J~~ U	6.6	~~5.8 J~~ U
1,3-Dichlorobenzene	1.3	~~0.23 J~~ U	8.0	~~1.4 J~~ U

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-20-25-041913

Lab ID#: 1304593A-03A

1,4-Dichlorobenzene	1.3	0.28 J	8.0	1.7 J
1,2,4-Trichlorobenzene	5.3	0.53 J	40	4.0 J
Butane	5.3	2.7 J	13	6.4 J
Isopentane	5.3	5.6	16	17

Client Sample ID: VMP-22-5-041913

Lab ID#: 1304593A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	0.44 J	6.2	2.2 J
Freon 11	1.3	0.25 J	7.1	1.4 J
Ethanol	5.1	4.1 J	9.5	7.6 J
Acetone	13	9.9 J	30	23 J
2-Propanol	5.1	3.8 J	12	9.4 J
Carbon Disulfide	5.1	1.1 J	16	3.5 J
Methylene Chloride	13	1.5 J	44	5.1 J
Hexane	1.3	0.59 J	4.4	2.1 J
Cyclohexane	1.3	3.2	4.4	11
2,2,4-Trimethylpentane	1.3	14	5.9	68
Heptane	1.3	0.37 J	5.2	1.5 J
Toluene	1.3	1.0 J	4.8	3.8 J
Tetrachloroethene	1.3	0.35 J	8.6	2.3 J
1,3-Dichlorobenzene	1.3	0.20 J	7.6	1.2 J
1,4-Dichlorobenzene	1.3	0.28 J	7.6	1.7 J
1,2,4-Trichlorobenzene	5.1	0.46 J	38	3.4 J
Isopentane	5.1	3.2 J	15	9.6 J

Client Sample ID: VMP-22-10-041913

Lab ID#: 1304593A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	0.44 J	6.6	2.2 J
Freon 11	1.3	0.26 J	7.5	1.5 J
Acetone	13	7.3 J	32	17 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-22-10-041913

Lab ID#: 1304593A-05A

2-Propanol	5.3	1.2 J	13	3.0 J
Carbon Disulfide	5.3	~~1.1 J~~ U	17	~~3.4 J~~ U
Methylene Chloride	13	~~0.25 J~~ U	46	~~0.86 J~~ U
Hexane	1.3	1.7	4.7	6.0
2-Butanone (Methyl Ethyl Ketone)	5.3	0.86 J	16	2.5 J
Cyclohexane	1.3	0.69 J	4.6	2.4 J
2,2,4-Trimethylpentane	1.3	12	6.2	57
Benzene	1.3	0.49 J	4.3	1.6 J
Heptane	1.3	1.3 J	5.5	5.4 J
Toluene	1.3	2.9	5.0	11
Tetrachloroethene	1.3	~~0.25 J~~ U	9.0	~~1.7 J~~ U
Ethyl Benzene	1.3	2.4	5.8	11
m,p-Xylene	1.3	6.5	5.8	28
o-Xylene	1.3	3.2	5.8	14
Cumene	1.3	~~0.42 J~~ U	6.6	~~2.0 J~~ U
Propylbenzene	1.3	0.94 J	6.6	4.6 J
4-Ethyltoluene	1.3	2.6 J	6.6	13 J
1,3,5-Trimethylbenzene	1.3	~~0.79 J~~ U	6.6	~~3.9 J~~ U
1,2,4-Trimethylbenzene	1.3	2.0	6.6	9.8
1,4-Dichlorobenzene	1.3	~~0.24 J~~ U	8.0	~~1.4 J~~ U
1,2,4-Trichlorobenzene	5.3	~~0.43 J~~ U	40	~~3.2 J~~ U
Butane	5.3	1.7 J	13	4.0 J
Isopentane	5.3	4.2 J	16	12 J

Client Sample ID: VMP-22-18-042213

Lab ID#: 1304593A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.51 J	7.1	2.5 J
Freon 11	1.4	0.24 J	8.1	1.4 J
Acetone	14	11 J	34	25 J
2-Propanol	5.7	1.2 J	14	3.0 J
Carbon Disulfide	5.7	~~1.2 J~~ U	18	~~3.7 J~~ U
Hexane	1.4	0.26 J	5.0	0.93 J
Tetrahydrofuran	1.4	0.19 J	4.2	0.55 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-22-18-042213

Lab ID#: 1304593A-06A

Chloroform	1.4	0.95 J	7.0	4.6 J
2,2,4-Trimethylpentane	1.4	20	6.7	92
Toluene	1.4	~~0.18 J~~ U	5.4	~~0.70 J~~ U
Tetrachloroethene	1.4	~~0.23 J~~ U	9.7	~~1.6 J~~ U
1,2,4-Trichlorobenzene	5.7	~~0.44 J~~ U	43	~~3.3 J~~ U

Client Sample ID: VMP-22-38-042213

Lab ID#: 1304593A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.44 J	7.2	2.2 J
Freon 11	1.5	0.23 J	8.2	1.3 J
Acetone	15	3.8 J	35	9.0 J
Carbon Disulfide	5.9	~~1.2 J~~ U	18	~~3.6 J~~ U
Hexane	1.5	0.67 J	5.2	2.4 J
Chloroform	1.5	4.1	7.2	20
2,2,4-Trimethylpentane	1.5	4.8	6.8	23
Heptane	1.5	1.0 J	6.0	4.1 J
Toluene	1.5	3.0	5.5	11
Tetrachloroethene	1.5	~~0.24 J~~ U	9.9	~~1.6 J~~ U
Ethyl Benzene	1.5	3.3	6.4	14
m,p-Xylene	1.5	8.5	6.4	37
o-Xylene	1.5	4.3	6.4	19
Cumene	1.5	~~0.58 J~~ U	7.2	~~2.9 J~~ U
Propylbenzene	1.5	1.2 J	7.2	6.0 J
4-Ethyltoluene	1.5	3.9 J	7.2	19 J
1,3,5-Trimethylbenzene	1.5	~~1.0 J~~ U	7.2	~~5.1 J~~ U
1,2,4-Trimethylbenzene	1.5	2.2	7.2	11
1,4-Dichlorobenzene	1.5	~~0.23 J~~ U	8.8	~~1.4 J~~ U
1,2,4-Trichlorobenzene	5.9	~~0.47 J~~ U	43	~~3.5 J~~ U
Isopentane	5.9	1.3 J	17	3.8 J

Client Sample ID: VMP-23-5-042213

Lab ID#: 1304593A-08A

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-23-5-042213

Lab ID#: 1304593A-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.47 J	6.8	2.3 J
Freon 11	1.4	0.22 J	7.7	1.2 J
Acetone	14	6.6 J	32	16 J
2-Propanol	5.5	2.5 J	13	6.0 J
Carbon Disulfide	5.5	~~1.1 J~~ U	17	~~3.5 J~~ U
Hexane	1.4	1.2 J	4.8	4.1 J
Cyclohexane	1.4	0.52 J	4.7	1.8 J
2,2,4-Trimethylpentane	1.4	12	6.4	58
Benzene	1.4	0.54 J	4.4	1.7 J
Heptane	1.4	1.2 J	5.6	5.0 J
Toluene	1.4	2.2	5.2	8.5
Tetrachloroethene	1.4	~~0.22 J~~ U	9.3	~~1.5 J~~ U
Ethyl Benzene	1.4	2.1	5.9	9.0
m,p-Xylene	1.4	5.6	5.9	24
o-Xylene	1.4	2.8	5.9	12
Cumene	1.4	~~0.29 J~~ U	6.7	~~1.4 J~~ U
Propylbenzene	1.4	~~0.74 J~~ U	6.7	~~3.6 J~~ U
4-Ethyltoluene	1.4	2.1 J	6.7	10 J
1,3,5-Trimethylbenzene	1.4	~~0.67 J~~ U	6.7	~~3.3 J~~ U
1,2,4-Trimethylbenzene	1.4	1.4	6.7	7.2
1,3-Dichlorobenzene	1.4	~~0.18 J~~ U	8.2	~~1.1 J~~ U
1,2,4-Trichlorobenzene	5.5	~~0.36 J~~ U	41	~~2.7 J~~ U
Isopentane	5.5	3.5 J	16	10 J

Client Sample ID: VMP-23-10-042213

Lab ID#: 1304593A-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	0.48 J	6.6	2.4 J
Freon 11	1.3	0.21 J	7.4	1.2 J
Acetone	13	4.0 J	31	9.4 J
2-Propanol	5.3	2.8 J	13	6.9 J
Carbon Disulfide	5.3	~~0.98 J~~ U	16	~~3.0 J~~ U

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-23-10-042213

Lab ID#: 1304593A-09A

Hexane	1.3	0.36 J	4.7	1.3 J
Chloroform	1.3	0.59 J	6.5	2.9 J
2,2,4-Trimethylpentane	1.3	14	6.2	67
Toluene	1.3	0.12 J	5.0	0.45 J
Tetrachloroethene	1.3	0.40 J	9.0	2.7 J

Client Sample ID: VMP-23-25-042213

Lab ID#: 1304593A-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.47 J	6.8	2.3 J
Freon 11	1.4	0.25 J	7.8	1.4 J
Acetone	14	10 J	33	24 J
2-Propanol	5.5	0.59 J	14	1.4 J
Carbon Disulfide	5.5	0.83 J	17	2.6 J
Methylene Chloride	14	0.40 J	48	1.4 J
Hexane	1.4	1.3 J	4.9	4.5 J
Chloroform	1.4	0.82 J	6.7	4.0 J
Cyclohexane	1.4	0.96 J	4.8	3.3 J
2,2,4-Trimethylpentane	1.4	7.9	6.4	37
Benzene	1.4	0.60 J	4.4	1.9 J
Heptane	1.4	1.2 J	5.6	4.9 J
Toluene	1.4	1.9	5.2	7.0
Tetrachloroethene	1.4	0.20 J	9.4	1.3 J
Ethyl Benzene	1.4	1.7	6.0	7.3
m,p-Xylene	1.4	3.9	6.0	17
o-Xylene	1.4	1.8	6.0	7.7
Cumene	1.4	0.25 J	6.8	1.2 J
Propylbenzene	1.4	0.57 J	6.8	2.8 J
4-Ethyltoluene	1.4	1.4 J	6.8	7.1 J
1,3,5-Trimethylbenzene	1.4	0.33 J	6.8	1.6 J
1,2,4-Trimethylbenzene	1.4	0.82 J	6.8	4.0 J
Isopentane	5.5	2.0 J	16	5.9 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-23-40-042213

Lab ID#: 1304593A-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.40 J	7.0	2.0 J
Freon 11	1.4	0.39 J	7.9	2.2 J
Acetone	14	4.0 J	33	9.4 J
Carbon Disulfide	5.6	~~1.1 J~~ U	18	~~3.4 J~~ U
Hexane	1.4	6.9	5.0	24
Chloroform	1.4	1.1 J	6.9	5.3 J
Cyclohexane	1.4	2.2	4.8	7.6
2,2,4-Trimethylpentane	1.4	4.3	6.6	20
Benzene	1.4	5.5	4.5	18
Heptane	1.4	5.8	5.8	24
Toluene	1.4	2.2	5.3	8.2
Tetrachloroethene	1.4	~~0.22 J~~ U	9.6	~~1.5 J~~ U
Ethyl Benzene	1.4	3.7	6.1	16
m,p-Xylene	1.4	6.3	6.1	27
o-Xylene	1.4	3.1	6.1	14
4-Ethyltoluene	1.4	1.2 J J	6.9	6.1 J J
1,3,5-Trimethylbenzene	1.4	~~0.30 J~~ U	6.9	~~1.5 J~~ U
1,2,4-Trimethylbenzene	1.4	~~0.43 J~~ U	6.9	~~2.1 J~~ U
Butane	5.6	12	13	28
Isopentane	5.6	14	17	41

Client Sample ID: VMP-23-40-042213-Dup

Lab ID#: 1304593A-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.46 J	7.0	2.3 J
Freon 11	1.4	0.41 J	7.9	2.3 J
Acetone	14	5.5 J	33	13 J
Carbon Disulfide	5.6	~~0.94 J~~ U	18	~~2.9 J~~ U
Hexane	1.4	5.8	5.0	20
2-Butanone (Methyl Ethyl Ketone)	5.6	2.5 J	17	7.4 J
Chloroform	1.4	1.1 J	6.9	5.6 J
Cyclohexane	1.4	2.0	4.8	7.0

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-23-40-042213-Dup

Lab ID#: 1304593A-12A

2,2,4-Trimethylpentane	1.4	3.1	6.6	15
Benzene	1.4	4.4	4.5	14
Heptane	1.4	4.0	5.8	16
Toluene	1.4	1.6	5.3	6.2
Tetrachloroethene	1.4	~~0.21 J~~ U	9.6	~~1.4 J~~ U
Ethyl Benzene	1.4	2.3	6.1	9.9
m,p-Xylene	1.4	4.5	6.1	20
o-Xylene	1.4	1.9	6.1	8.4
4-Ethyltoluene	1.4	0.79 J J	6.9	3.9 J J
Butane	5.6	11	13	25
Isopentane	5.6	15	17	44

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Client Sample ID: VMP-20-5-041913

Lab ID#: 1304593A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p043011	**Date of Collection:**	4/19/13 9:45:00 AM
Dil. Factor:	2.51	**Date of Analysis:**	4/30/13 03:22 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.2	0.56 J	6.2	2.8 J
Freon 114	1.2	Not Detected	8.8	Not Detected
Chloromethane	12	Not Detected	26	Not Detected
Vinyl Chloride	1.2	Not Detected	3.2	Not Detected
1,3-Butadiene	1.2	Not Detected	2.8	Not Detected
Bromomethane	12	Not Detected	49	Not Detected
Chloroethane	5.0	Not Detected	13	Not Detected
Freon 11	1.2	0.45 J	7.0	2.5 J
Ethanol	5.0	Not Detected	9.4	Not Detected
Freon 113	1.2	Not Detected	9.6	Not Detected
1,1-Dichloroethene	1.2	Not Detected	5.0	Not Detected
Acetone	12	4.2 J	30	9.9 J
2-Propanol	5.0	3.3 J	12	8.1 J
Carbon Disulfide	5.0	~~1.1 J~~ U	16	~~3.5 J~~ U
3-Chloropropene	5.0	Not Detected	16	Not Detected
Methylene Chloride	12	Not Detected	44	Not Detected
Methyl tert-butyl ether	1.2	Not Detected	4.5	Not Detected
trans-1,2-Dichloroethene	1.2	Not Detected	5.0	Not Detected
Hexane	1.2	2.8	4.4	10
1,1-Dichloroethane	1.2	Not Detected	5.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.0	Not Detected	15	Not Detected
cis-1,2-Dichloroethene	1.2	Not Detected	5.0	Not Detected
Tetrahydrofuran	1.2	Not Detected	3.7	Not Detected
Chloroform	1.2	Not Detected	6.1	Not Detected
1,1,1-Trichloroethane	1.2	Not Detected	6.8	Not Detected
Cyclohexane	1.2	2.0	4.3	6.8
Carbon Tetrachloride	1.2	Not Detected	7.9	Not Detected
2,2,4-Trimethylpentane	1.2	25	5.9	120
Benzene	1.2	1.1 J	4.0	3.6 J
1,2-Dichloroethane	1.2	Not Detected	5.1	Not Detected
Heptane	1.2	1.1 J	5.1	4.6 J
Trichloroethene	1.2	Not Detected	6.7	Not Detected
1,2-Dichloropropane	1.2	Not Detected	5.8	Not Detected
1,4-Dioxane	5.0	Not Detected	18	Not Detected
Bromodichloromethane	1.2	Not Detected	8.4	Not Detected
cis-1,3-Dichloropropene	1.2	Not Detected	5.7	Not Detected
4-Methyl-2-pentanone	1.2	Not Detected	5.1	Not Detected
Toluene	1.2	1.7	4.7	6.6
trans-1,3-Dichloropropene	1.2	Not Detected	5.7	Not Detected
1,1,2-Trichloroethane	1.2	Not Detected	6.8	Not Detected
Tetrachloroethene	1.2	~~0.35 J~~ U	8.5	~~2.4 J~~ U
2-Hexanone	5.0	Not Detected	20	Not Detected

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Client Sample ID: VMP-20-5-041913

Lab ID#: 1304593A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p043011	**Date of Collection:**	4/19/13 9:45:00 AM
Dil. Factor:	2.51	**Date of Analysis:**	4/30/13 03:22 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.2	Not Detected	11	Not Detected
1,2-Dibromoethane (EDB)	1.2	Not Detected	9.6	Not Detected
Chlorobenzene	1.2	Not Detected	5.8	Not Detected
Ethyl Benzene	1.2	1.4	5.4	5.9
m,p-Xylene	1.2	3.4	5.4	14
o-Xylene	1.2	1.5	5.4	6.6
Styrene	1.2	Not Detected	5.3	Not Detected
Bromoform	1.2	Not Detected	13	Not Detected
Cumene	1.2	~~0.26 J~~	6.2	~~1.3 J~~
1,1,2,2-Tetrachloroethane	1.2	Not Detected	8.6	Not Detected
Propylbenzene	1.2	~~0.59 J~~	6.2	~~2.9 J~~
4-Ethyltoluene	1.2	1.8 J	6.2	9.1 J
1,3,5-Trimethylbenzene	1.2	~~0.54 J~~	6.2	~~2.7 J~~
1,2,4-Trimethylbenzene	1.2	1.8	6.2	8.8
1,3-Dichlorobenzene	1.2	~~0.30 J~~	7.5	~~1.8 J~~
1,4-Dichlorobenzene	1.2	~~0.37 J~~	7.5	~~2.2 J~~
alpha-Chlorotoluene	1.2	Not Detected	6.5	Not Detected
1,2-Dichlorobenzene	1.2	Not Detected	7.5	Not Detected
1,2,4-Trichlorobenzene	5.0	~~0.58 J~~	37	~~4.3 J~~
Hexachlorobutadiene	5.0	Not Detected	54	Not Detected
Butane	5.0	17	12	41
Isopentane	5.0	26	15	76

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: VMP-20-10-041913

Lab ID#: 1304593A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043012**	**Date of Collection: 4/19/13 10:32:00 AM**	
Dil. Factor:	**2.56**	**Date of Analysis: 4/30/13 03:54 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	0.45 J	6.3	2.2 J
Freon 114	1.3	Not Detected	8.9	Not Detected
Chloromethane	13	Not Detected	26	Not Detected
Vinyl Chloride	1.3	Not Detected	3.3	Not Detected
1,3-Butadiene	1.3	Not Detected	2.8	Not Detected
Bromomethane	13	Not Detected	50	Not Detected
Chloroethane	5.1	Not Detected	14	Not Detected
Freon 11	1.3	0.62 J	7.2	3.5 J
Ethanol	5.1	Not Detected	9.6	Not Detected
Freon 113	1.3	Not Detected	9.8	Not Detected
1,1-Dichloroethene	1.3	Not Detected	5.1	Not Detected
Acetone	13	3.8 J	30	9.1 J
2-Propanol	5.1	4.5 J	12	11 J
Carbon Disulfide	5.1	~~1.2 J~~	16	~~3.6 J~~
3-Chloropropene	5.1	Not Detected	16	Not Detected
Methylene Chloride	13	Not Detected	44	Not Detected
Methyl tert-butyl ether	1.3	Not Detected	4.6	Not Detected
trans-1,2-Dichloroethene	1.3	Not Detected	5.1	Not Detected
Hexane	1.3	Not Detected	4.5	Not Detected
1,1-Dichloroethane	1.3	Not Detected	5.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.1	Not Detected	15	Not Detected
cis-1,2-Dichloroethene	1.3	Not Detected	5.1	Not Detected
Tetrahydrofuran	1.3	Not Detected	3.8	Not Detected
Chloroform	1.3	Not Detected	6.2	Not Detected
1,1,1-Trichloroethane	1.3	Not Detected	7.0	Not Detected
Cyclohexane	1.3	Not Detected	4.4	Not Detected
Carbon Tetrachloride	1.3	Not Detected	8.0	Not Detected
2,2,4-Trimethylpentane	1.3	11	6.0	51
Benzene	1.3	Not Detected	4.1	Not Detected
1,2-Dichloroethane	1.3	Not Detected	5.2	Not Detected
Heptane	1.3	Not Detected	5.2	Not Detected
Trichloroethene	1.3	Not Detected	6.9	Not Detected
1,2-Dichloropropane	1.3	Not Detected	5.9	Not Detected
1,4-Dioxane	5.1	Not Detected	18	Not Detected
Bromodichloromethane	1.3	Not Detected	8.6	Not Detected
cis-1,3-Dichloropropene	1.3	Not Detected	5.8	Not Detected
4-Methyl-2-pentanone	1.3	Not Detected	5.2	Not Detected
Toluene	1.3	~~0.14 J~~	4.8	~~0.54 J~~
trans-1,3-Dichloropropene	1.3	Not Detected	5.8	Not Detected
1,1,2-Trichloroethane	1.3	Not Detected	7.0	Not Detected
Tetrachloroethene	1.3	~~0.35 J~~	8.7	~~2.4 J~~
2-Hexanone	5.1	Not Detected	21	Not Detected

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Client Sample ID: VMP-20-10-041913

Lab ID#: 1304593A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043012**	**Date of Collection: 4/19/13 10:32:00 AM**	
Dil. Factor:	**2.56**	**Date of Analysis: 4/30/13 03:54 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.3	Not Detected	11	Not Detected
1,2-Dibromoethane (EDB)	1.3	Not Detected	9.8	Not Detected
Chlorobenzene	1.3	Not Detected	5.9	Not Detected
Ethyl Benzene	1.3	Not Detected	5.6	Not Detected
m,p-Xylene	1.3	Not Detected	5.6	Not Detected
o-Xylene	1.3	Not Detected	5.6	Not Detected
Styrene	1.3	Not Detected	5.4	Not Detected
Bromoform	1.3	Not Detected	13	Not Detected
Cumene	1.3	Not Detected	6.3	Not Detected
1,1,2,2-Tetrachloroethane	1.3	Not Detected	8.8	Not Detected
Propylbenzene	1.3	Not Detected	6.3	Not Detected
4-Ethyltoluene	1.3	Not Detected	6.3	Not Detected
1,3,5-Trimethylbenzene	1.3	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.3	Not Detected	6.3	Not Detected
1,3-Dichlorobenzene	1.3	~~0.21 J~~ 4	7.7	~~1.2 J~~ 4
1,4-Dichlorobenzene	1.3	~~0.27 J~~ 4	7.7	~~1.6 J~~ 4
alpha-Chlorotoluene	1.3	Not Detected	6.6	Not Detected
1,2-Dichlorobenzene	1.3	Not Detected	7.7	Not Detected
1,2,4-Trichlorobenzene	5.1	~~0.51 J~~ 4	38	~~3.8 J~~ 4
Hexachlorobutadiene	5.1	Not Detected	55	Not Detected
Butane	5.1	3.2 J	12	7.5 J
Isopentane	5.1	1.7 J	15	4.9 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VMP-20-25-041913

Lab ID#: I304593A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043013**	**Date of Collection:**	**4/19/13 11:18:00 AM**
Dil. Factor:	**2.67**	**Date of Analysis:**	**4/30/13 04:24 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	0.50 J	6.6	2.5 J
Freon 114	1.3	Not Detected	9.3	Not Detected
Chloromethane	13	Not Detected	28	Not Detected
Vinyl Chloride	1.3	Not Detected	3.4	Not Detected
1,3-Butadiene	1.3	Not Detected	3.0	Not Detected
Bromomethane	13	Not Detected	52	Not Detected
Chloroethane	5.3	Not Detected	14	Not Detected
Freon 11	1.3	1.7	7.5	9.8
Ethanol	5.3	Not Detected	10	Not Detected
Freon 113	1.3	Not Detected	10	Not Detected
1,1-Dichloroethene	1.3	Not Detected	5.3	Not Detected
Acetone	13	5.1 J	32	12 J
2-Propanol	5.3	2.6 J	13	6.4 J
Carbon Disulfide	5.3	~~1.2 J~~	17	~~3.8 J~~
3-Chloropropene	5.3	Not Detected	17	Not Detected
Methylene Chloride	13	Not Detected	46	Not Detected
Methyl tert-butyl ether	1.3	Not Detected	4.8	Not Detected
trans-1,2-Dichloroethene	1.3	Not Detected	5.3	Not Detected
Hexane	1.3	1.9	4.7	6.8
1,1-Dichloroethane	1.3	Not Detected	5.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.3	Not Detected	16	Not Detected
cis-1,2-Dichloroethene	1.3	Not Detected	5.3	Not Detected
Tetrahydrofuran	1.3	Not Detected	3.9	Not Detected
Chloroform	1.3	Not Detected	6.5	Not Detected
1,1,1-Trichloroethane	1.3	Not Detected	7.3	Not Detected
Cyclohexane	1.3	0.66 J	4.6	2.3 J
Carbon Tetrachloride	1.3	Not Detected	8.4	Not Detected
2,2,4-Trimethylpentane	1.3	16	6.2	76
Benzene	1.3	0.92 J	4.3	2.9 J
1,2-Dichloroethane	1.3	Not Detected	5.4	Not Detected
Heptane	1.3	0.61 J	5.5	2.5 J
Trichloroethene	1.3	Not Detected	7.2	Not Detected
1,2-Dichloropropane	1.3	Not Detected	6.2	Not Detected
1,4-Dioxane	5.3	Not Detected	19	Not Detected
Bromodichloromethane	1.3	Not Detected	8.9	Not Detected
cis-1,3-Dichloropropene	1.3	Not Detected	6.0	Not Detected
4-Methyl-2-pentanone	1.3	Not Detected	5.5	Not Detected
Toluene	1.3	1.1 J	5.0	4.2 J
trans-1,3-Dichloropropene	1.3	Not Detected	6.0	Not Detected
1,1,2-Trichloroethane	1.3	Not Detected	7.3	Not Detected
Tetrachloroethene	1.3	~~0.35 J~~	9.0	~~2.4 J~~
2-Hexanone	5.3	Not Detected	22	Not Detected

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Client Sample ID: VMP-20-25-041913

Lab ID#: 1304593A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043013**	**Date of Collection: 4/19/13 11:18:00 AM**	
Dil. Factor:	**2.67**	**Date of Analysis: 4/30/13 04:24 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.3	Not Detected	11	Not Detected
1,2-Dibromoethane (EDB)	1.3	Not Detected	10	Not Detected
Chlorobenzene	1.3	Not Detected	6.1	Not Detected
Ethyl Benzene	1.3	0.76 J	5.8	3.3 J
m,p-Xylene	1.3	1.8	5.8	7.9
o-Xylene	1.3	0.74 J	5.8	3.2 J
Styrene	1.3	Not Detected	5.7	Not Detected
Bromoform	1.3	Not Detected	14	Not Detected
Cumene	1.3	Not Detected	6.6	Not Detected
1,1,2,2-Tetrachloroethane	1.3	Not Detected	9.2	Not Detected
Propylbenzene	1.3	~~0.47 J~~ U	6.6	~~2.3 J~~ U
4-Ethyltoluene	1.3	1.4 J	6.6	7.0 J
1,3,5-Trimethylbenzene	1.3	~~0.39 J~~ U	6.6	~~1.9 J~~ U
1,2,4-Trimethylbenzene	1.3	~~1.2 J~~ U	6.6	~~5.8 J~~ U
1,3-Dichlorobenzene	1.3	~~0.23 J~~ U	8.0	~~1.4 J~~ U
1,4-Dichlorobenzene	1.3	~~0.28 J~~ U	8.0	~~1.7 J~~ U
alpha-Chlorotoluene	1.3	Not Detected	6.9	Not Detected
1,2-Dichlorobenzene	1.3	Not Detected	8.0	Not Detected
1,2,4-Trichlorobenzene	5.3	~~0.53 J~~ U	40	~~4.0 J~~ U
Hexachlorobutadiene	5.3	Not Detected	57	Not Detected
Butane	5.3	2.7 J	13	6.4 J
Isopentane	5.3	5.6	16	17

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VMP-22-5-041913

Lab ID#: 1304593A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043014**	**Date of Collection:**	**4/19/13 2:14:00 PM**
Dil. Factor:	**2.53**	**Date of Analysis:**	**4/30/13 04:53 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	0.44 J	6.2	2.2 J
Freon 114	1.3	Not Detected	8.8	Not Detected
Chloromethane	13	Not Detected	26	Not Detected
Vinyl Chloride	1.3	Not Detected	3.2	Not Detected
1,3-Butadiene	1.3	Not Detected	2.8	Not Detected
Bromomethane	13	Not Detected	49	Not Detected
Chloroethane	5.1	Not Detected	13	Not Detected
Freon 11	1.3	0.25 J	7.1	1.4 J
Ethanol	5.1	4.1 J	9.5	7.6 J
Freon 113	1.3	Not Detected	9.7	Not Detected
1,1-Dichloroethene	1.3	Not Detected	5.0	Not Detected
Acetone	13	9.9 J	30	23 J
2-Propanol	5.1	3.8 J	12	9.4 J
Carbon Disulfide	5.1	~~1.1 J~~	16	~~3.5 J~~
3-Chloropropene	5.1	Not Detected	16	Not Detected
Methylene Chloride	13	~~1.5 J~~	44	~~5.1 J~~
Methyl tert-butyl ether	1.3	Not Detected	4.6	Not Detected
trans-1,2-Dichloroethene	1.3	Not Detected	5.0	Not Detected
Hexane	1.3	0.59 J	4.4	2.1 J
1,1-Dichloroethane	1.3	Not Detected	5.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.1	Not Detected	15	Not Detected
cis-1,2-Dichloroethene	1.3	Not Detected	5.0	Not Detected
Tetrahydrofuran	1.3	Not Detected	3.7	Not Detected
Chloroform	1.3	Not Detected	6.2	Not Detected
1,1,1-Trichloroethane	1.3	Not Detected	6.9	Not Detected
Cyclohexane	1.3	3.2	4.4	11
Carbon Tetrachloride	1.3	Not Detected	8.0	Not Detected
2,2,4-Trimethylpentane	1.3	14	5.9	68
Benzene	1.3	Not Detected	4.0	Not Detected
1,2-Dichloroethane	1.3	Not Detected	5.1	Not Detected
Heptane	1.3	0.37 J	5.2	1.5 J
Trichloroethene	1.3	Not Detected	6.8	Not Detected
1,2-Dichloropropane	1.3	Not Detected	5.8	Not Detected
1,4-Dioxane	5.1	Not Detected	18	Not Detected
Bromodichloromethane	1.3	Not Detected	8.5	Not Detected
cis-1,3-Dichloropropene	1.3	Not Detected	5.7	Not Detected
4-Methyl-2-pentanone	1.3	Not Detected	5.2	Not Detected
Toluene	1.3	1.0 J	4.8	3.8 J
trans-1,3-Dichloropropene	1.3	Not Detected	5.7	Not Detected
1,1,2-Trichloroethane	1.3	Not Detected	6.9	Not Detected
Tetrachloroethene	1.3	~~0.35 J~~	8.6	~~2.3 J~~
2-Hexanone	5.1	Not Detected	21	Not Detected

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Client Sample ID: VMP-22-5-041913

Lab ID#: 1304593A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043014**	**Date of Collection: 4/19/13 2:14:00 PM**	
Dil. Factor:	**2.53**	**Date of Analysis: 4/30/13 04:53 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.3	Not Detected	11	Not Detected
1,2-Dibromoethane (EDB)	1.3	Not Detected	9.7	Not Detected
Chlorobenzene	1.3	Not Detected	5.8	Not Detected
Ethyl Benzene	1.3	Not Detected	5.5	Not Detected
m,p-Xylene	1.3	Not Detected	5.5	Not Detected
o-Xylene	1.3	Not Detected	5.5	Not Detected
Styrene	1.3	Not Detected	5.4	Not Detected
Bromoform	1.3	Not Detected	13	Not Detected
Cumene	1.3	Not Detected	6.2	Not Detected
1,1,2,2-Tetrachloroethane	1.3	Not Detected	8.7	Not Detected
Propylbenzene	1.3	Not Detected	6.2	Not Detected
4-Ethyltoluene	1.3	Not Detected	6.2	Not Detected
1,3,5-Trimethylbenzene	1.3	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.3	Not Detected	6.2	Not Detected
1,3-Dichlorobenzene	1.3	~~0.20 J~~ cq	7.6	~~1.2 J~~ cq
1,4-Dichlorobenzene	1.3	~~0.28 J~~ cq	7.6	~~1.7 J~~ cq
alpha-Chlorotoluene	1.3	Not Detected	6.5	Not Detected
1,2-Dichlorobenzene	1.3	Not Detected	7.6	Not Detected
1,2,4-Trichlorobenzene	5.1	~~0.46 J~~ cq	38	~~3.4 J~~ cq
Hexachlorobutadiene	5.1	Not Detected	54	Not Detected
Butane	5.1	Not Detected	12	Not Detected
Isopentane	5.1	3.2 J	15	9.6 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VMP-22-10-041913

Lab ID#: 1304593A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p043015	**Date of Collection:**	4/19/13 3:00:00 PM
Dil. Factor:	2.67	**Date of Analysis:**	4/30/13 05:22 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	0.44 J	6.6	2.2 J
Freon 114	1.3	Not Detected	9.3	Not Detected
Chloromethane	13	Not Detected	28	Not Detected
Vinyl Chloride	1.3	Not Detected	3.4	Not Detected
1,3-Butadiene	1.3	Not Detected	3.0	Not Detected
Bromomethane	13	Not Detected	52	Not Detected
Chloroethane	5.3	Not Detected	14	Not Detected
Freon 11	1.3	0.26 J	7.5	1.5 J
Ethanol	5.3	Not Detected	10	Not Detected
Freon 113	1.3	Not Detected	10	Not Detected
1,1-Dichloroethene	1.3	Not Detected	5.3	Not Detected
Acetone	13	7.3 J	32	17 J
2-Propanol	5.3	1.2 J	13	3.0 J
Carbon Disulfide	5.3	~~1.1 J~~ 4	17	~~3.4 J~~ 4
3-Chloropropene	5.3	Not Detected	17	Not Detected
Methylene Chloride	13	~~0.25 J~~ 4	46	~~0.86 J~~ 4
Methyl tert-butyl ether	1.3	Not Detected	4.8	Not Detected
trans-1,2-Dichloroethene	1.3	Not Detected	5.3	Not Detected
Hexane	1.3	1.7	4.7	6.0
1,1-Dichloroethane	1.3	Not Detected	5.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.3	0.86 J	16	2.5 J
cis-1,2-Dichloroethene	1.3	Not Detected	5.3	Not Detected
Tetrahydrofuran	1.3	Not Detected	3.9	Not Detected
Chloroform	1.3	Not Detected	6.5	Not Detected
1,1,1-Trichloroethane	1.3	Not Detected	7.3	Not Detected
Cyclohexane	1.3	0.69 J	4.6	2.4 J
Carbon Tetrachloride	1.3	Not Detected	8.4	Not Detected
2,2,4-Trimethylpentane	1.3	12	6.2	57
Benzene	1.3	0.49 J	4.3	1.6 J
1,2-Dichloroethane	1.3	Not Detected	5.4	Not Detected
Heptane	1.3	1.3 J	5.5	5.4 J
Trichloroethene	1.3	Not Detected	7.2	Not Detected
1,2-Dichloropropane	1.3	Not Detected	6.2	Not Detected
1,4-Dioxane	5.3	Not Detected	19	Not Detected
Bromodichloromethane	1.3	Not Detected	8.9	Not Detected
cis-1,3-Dichloropropene	1.3	Not Detected	6.0	Not Detected
4-Methyl-2-pentanone	1.3	Not Detected	5.5	Not Detected
Toluene	1.3	2.9	5.0	11
trans-1,3-Dichloropropene	1.3	Not Detected	6.0	Not Detected
1,1,2-Trichloroethane	1.3	Not Detected	7.3	Not Detected
Tetrachloroethene	1.3	~~0.25 J~~ 4	9.0	~~1.7 J~~ 4
2-Hexanone	5.3	Not Detected	22	Not Detected

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Client Sample ID: VMP-22-10-041913

Lab ID#: 1304593A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043015**	**Date of Collection: 4/19/13 3:00:00 PM**	
Dil. Factor:	**2.67**	**Date of Analysis: 4/30/13 05:22 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.3	Not Detected	11	Not Detected
1,2-Dibromoethane (EDB)	1.3	Not Detected	10	Not Detected
Chlorobenzene	1.3	Not Detected	6.1	Not Detected
Ethyl Benzene	1.3	2.4	5.8	11
m,p-Xylene	1.3	6.5	5.8	28
o-Xylene	1.3	3.2	5.8	14
Styrene	1.3	Not Detected	5.7	Not Detected
Bromoform	1.3	Not Detected	14	Not Detected
Cumene	1.3	~~0.42 J~~	6.6	~~2.0 J~~
1,1,2,2-Tetrachloroethane	1.3	Not Detected	9.2	Not Detected
Propylbenzene	1.3	0.94 J	6.6	4.6 J
4-Ethyltoluene	1.3	2.6 J	6.6	13 J
1,3,5-Trimethylbenzene	1.3	~~0.79 J~~	6.6	~~3.9 J~~
1,2,4-Trimethylbenzene	1.3	2.0	6.6	9.8
1,3-Dichlorobenzene	1.3	Not Detected	8.0	Not Detected
1,4-Dichlorobenzene	1.3	~~0.24 J~~	8.0	~~1.4 J~~
alpha-Chlorotoluene	1.3	Not Detected	6.9	Not Detected
1,2-Dichlorobenzene	1.3	Not Detected	8.0	Not Detected
1,2,4-Trichlorobenzene	5.3	~~0.43 J~~	40	~~3.2 J~~
Hexachlorobutadiene	5.3	Not Detected	57	Not Detected
Butane	5.3	1.7 J	13	4.0 J
Isopentane	5.3	4.2 J	16	12 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: VMP-22-18-042213

Lab ID#: 1304593A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043016**	**Date of Collection:**	**4/22/13 2:55:00 PM**
Dil. Factor:	**2.87**	**Date of Analysis:**	**4/30/13 05:53 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.51 J	7.1	2.5 J
Freon 114	1.4	Not Detected	10	Not Detected
Chloromethane	14	Not Detected	30	Not Detected
Vinyl Chloride	1.4	Not Detected	3.7	Not Detected
1,3-Butadiene	1.4	Not Detected	3.2	Not Detected
Bromomethane	14	Not Detected	56	Not Detected
Chloroethane	5.7	Not Detected	15	Not Detected
Freon 11	1.4	0.24 J	8.1	1.4 J
Ethanol	5.7	Not Detected	11	Not Detected
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Acetone	14	11 J	34	25 J
2-Propanol	5.7	1.2 J	14	3.0 J
Carbon Disulfide	5.7	~~1.2 J~~	18	~~3.7 J~~
3-Chloropropene	5.7	Not Detected	18	Not Detected
Methylene Chloride	14	Not Detected	50	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.2	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Hexane	1.4	0.26 J	5.0	0.93 J
1,1-Dichloroethane	1.4	Not Detected	5.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.7	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Tetrahydrofuran	1.4	0.19 J	4.2	0.55 J
Chloroform	1.4	0.95 J	7.0	4.6 J
1,1,1-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Cyclohexane	1.4	Not Detected	4.9	Not Detected
Carbon Tetrachloride	1.4	Not Detected	9.0	Not Detected
2,2,4-Trimethylpentane	1.4	20	6.7	92
Benzene	1.4	Not Detected	4.6	Not Detected
1,2-Dichloroethane	1.4	Not Detected	5.8	Not Detected
Heptane	1.4	Not Detected	5.9	Not Detected
Trichloroethene	1.4	Not Detected	7.7	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.6	Not Detected
1,4-Dioxane	5.7	Not Detected	21	Not Detected
Bromodichloromethane	1.4	Not Detected	9.6	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.9	Not Detected
Toluene	1.4	~~0.18 J~~	5.4	~~0.70 J~~
trans-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Tetrachloroethene	1.4	~~0.23 J~~	9.7	~~1.6 J~~
2-Hexanone	5.7	Not Detected	24	Not Detected

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Client Sample ID: VMP-22-18-042213

Lab ID#: 1304593A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043016**	**Date of Collection: 4/22/13 2:55:00 PM**	
Dil. Factor:	**2.87**	**Date of Analysis: 4/30/13 05:53 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	Not Detected	6.6	Not Detected
Ethyl Benzene	1.4	Not Detected	6.2	Not Detected
m,p-Xylene	1.4	Not Detected	6.2	Not Detected
o-Xylene	1.4	Not Detected	6.2	Not Detected
Styrene	1.4	Not Detected	6.1	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	Not Detected	7.0	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.8	Not Detected
Propylbenzene	1.4	Not Detected	7.0	Not Detected
4-Ethyltoluene	1.4	Not Detected	7.0	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.4	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,2,4-Trichlorobenzene	5.7	~~0.44 J~~	43	~~3.3 J~~
Hexachlorobutadiene	5.7	Not Detected	61	Not Detected
Butane	5.7	Not Detected	14	Not Detected
Isopentane	5.7	Not Detected	17	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: VMP-22-38-042213

Lab ID#: 1304593A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p043017	**Date of Collection:**	4/22/13 3:37:00 PM
Dil. Factor:	2.93	**Date of Analysis:**	4/30/13 06:22 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.44 J	7.2	2.2 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	Not Detected	30	Not Detected
Vinyl Chloride	1.5	Not Detected	3.7	Not Detected
1,3-Butadiene	1.5	Not Detected	3.2	Not Detected
Bromomethane	15	Not Detected	57	Not Detected
Chloroethane	5.9	Not Detected	15	Not Detected
Freon 11	1.5	0.23 J	8.2	1.3 J
Ethanol	5.9	Not Detected	11	Not Detected
Freon 113	1.5	Not Detected	11	Not Detected
1,1-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Acetone	15	3.8 J	35	9.0 J
2-Propanol	5.9	Not Detected	14	Not Detected
Carbon Disulfide	5.9	1.2 J	18	3.6 J
3-Chloropropene	5.9	Not Detected	18	Not Detected
Methylene Chloride	15	Not Detected	51	Not Detected
Methyl tert-butyl ether	1.5	Not Detected	5.3	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Hexane	1.5	0.67 J	5.2	2.4 J
1,1-Dichloroethane	1.5	Not Detected	5.9	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.9	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.3	Not Detected
Chloroform	1.5	4.1	7.2	20
1,1,1-Trichloroethane	1.5	Not Detected	8.0	Not Detected
Cyclohexane	1.5	Not Detected	5.0	Not Detected
Carbon Tetrachloride	1.5	Not Detected	9.2	Not Detected
2,2,4-Trimethylpentane	1.5	4.8	6.8	23
Benzene	1.5	Not Detected	4.7	Not Detected
1,2-Dichloroethane	1.5	Not Detected	5.9	Not Detected
Heptane	1.5	1.0 J	6.0	4.1 J
Trichloroethene	1.5	Not Detected	7.9	Not Detected
1,2-Dichloropropane	1.5	Not Detected	6.8	Not Detected
1,4-Dioxane	5.9	Not Detected	21	Not Detected
Bromodichloromethane	1.5	Not Detected	9.8	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.6	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.0	Not Detected
Toluene	1.5	3.0	5.5	11
trans-1,3-Dichloropropene	1.5	Not Detected	6.6	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.0	Not Detected
Tetrachloroethene	1.5	0.24 J	9.9	1.6 J
2-Hexanone	5.9	Not Detected	24	Not Detected

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Client Sample ID: VMP-22-38-042213

Lab ID#: 1304593A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043017**	**Date of Collection: 4/22/13 3:37:00 PM**	
Dil. Factor:	**2.93**	**Date of Analysis: 4/30/13 06:22 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	11	Not Detected
Chlorobenzene	1.5	Not Detected	6.7	Not Detected
Ethyl Benzene	1.5	3.3	6.4	14
m,p-Xylene	1.5	8.5	6.4	37
o-Xylene	1.5	4.3	6.4	19
Styrene	1.5	Not Detected	6.2	Not Detected
Bromoform	1.5	Not Detected	15	Not Detected
Cumene	1.5	~~0.58 J~~	7.2	~~2.9 J~~
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	1.2 J	7.2	6.0 J
4-Ethyltoluene	1.5	3.9 J	7.2	19 J
1,3,5-Trimethylbenzene	1.5	~~1.0 J~~	7.2	~~5.1 J~~
1,2,4-Trimethylbenzene	1.5	2.2	7.2	11
1,3-Dichlorobenzene	1.5	Not Detected	8.8	Not Detected
1,4-Dichlorobenzene	1.5	~~0.23 J~~	8.8	~~1.4 J~~
alpha-Chlorotoluene	1.5	Not Detected	7.6	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	8.8	Not Detected
1,2,4-Trichlorobenzene	5.9	~~0.47 J~~	43	~~3.5 J~~
Hexachlorobutadiene	5.9	Not Detected	62	Not Detected
Butane	5.9	Not Detected	14	Not Detected
Isopentane	5.9	1.3 J	17	3.8 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VMP-23-S-042213

Lab ID#: 1304593A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043018**	**Date of Collection: 4/22/13 9:47:00 AM**	
Dil. Factor:	**2.74**	**Date of Analysis: 4/30/13 07:02 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.47 J	6.8	2.3 J
Freon 114	1.4	Not Detected	9.6	Not Detected
Chloromethane	14	Not Detected	28	Not Detected
Vinyl Chloride	1.4	Not Detected	3.5	Not Detected
1,3-Butadiene	1.4	Not Detected	3.0	Not Detected
Bromomethane	14	Not Detected	53	Not Detected
Chloroethane	5.5	Not Detected	14	Not Detected
Freon 11	1.4	0.22 J	7.7	1.2 J
Ethanol	5.5	Not Detected	10	Not Detected
Freon 113	1.4	Not Detected	10	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Acetone	14	6.6 J	32	16 J
2-Propanol	5.5	2.5 J	13	6.0 J
Carbon Disulfide	5.5	~~1.1 J~~	17	~~3.5 J~~
3-Chloropropene	5.5	Not Detected	17	Not Detected
Methylene Chloride	14	Not Detected	48	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Hexane	1.4	1.2 J	4.8	4.1 J
1,1-Dichloroethane	1.4	Not Detected	5.5	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.5	Not Detected	16	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.0	Not Detected
Chloroform	1.4	Not Detected	6.7	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.5	Not Detected
Cyclohexane	1.4	0.52 J	4.7	1.8 J
Carbon Tetrachloride	1.4	Not Detected	8.6	Not Detected
2,2,4-Trimethylpentane	1.4	12	6.4	58
Benzene	1.4	0.54 J	4.4	1.7 J
1,2-Dichloroethane	1.4	Not Detected	5.5	Not Detected
Heptane	1.4	1.2 J	5.6	5.0 J
Trichloroethene	1.4	Not Detected	7.4	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.3	Not Detected
1,4-Dioxane	5.5	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.2	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.2	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.6	Not Detected
Toluene	1.4	2.2	5.2	8.5
trans-1,3-Dichloropropene	1.4	Not Detected	6.2	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.5	Not Detected
Tetrachloroethene	1.4	~~0.22 J~~	9.3	~~1.5 J~~
2-Hexanone	5.5	Not Detected	22	Not Detected

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Client Sample ID: VMP-23-5-042213

Lab ID#: 1304593A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043018**	**Date of Collection:**	**4/22/13 9:47:00 AM**
Dil. Factor:	**2.74**	**Date of Analysis:**	**4/30/13 07:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	10	Not Detected
Chlorobenzene	1.4	Not Detected	6.3	Not Detected
Ethyl Benzene	1.4	2.1	5.9	9.0
m,p-Xylene	1.4	5.6	5.9	24
o-Xylene	1.4	2.8	5.9	12
Styrene	1.4	Not Detected	5.8	Not Detected
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	~~0.29 J~~	6.7	~~1.4 J~~
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.4	Not Detected
Propylbenzene	1.4	~~0.74 J~~	6.7	~~3.6 J~~
4-Ethyltoluene	1.4	2.1 J	6.7	10 J
1,3,5-Trimethylbenzene	1.4	~~0.67 J~~	6.7	~~3.3 J~~
1,2,4-Trimethylbenzene	1.4	1.4	6.7	7.2
1,3-Dichlorobenzene	1.4	~~0.18 J~~	8.2	~~1.1 J~~
1,4-Dichlorobenzene	1.4	Not Detected	8.2	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.1	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.2	Not Detected
1,2,4-Trichlorobenzene	5.5	~~0.36 J~~	41	~~2.7 J~~
Hexachlorobutadiene	5.5	Not Detected	58	Not Detected
Butane	5.5	Not Detected	13	Not Detected
Isopentane	5.5	3.5 J	16	10 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: VMP-23-10-042213

Lab ID#: 1304593A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043019**	**Date of Collection: 4/22/13 10:38:00 AM**	
Dil. Factor:	**2.65**	**Date of Analysis: 4/30/13 07:49 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	0.48 J	6.6	2.4 J
Freon 114	1.3	Not Detected	9.3	Not Detected
Chloromethane	13	Not Detected	27	Not Detected
Vinyl Chloride	1.3	Not Detected	3.4	Not Detected
1,3-Butadiene	1.3	Not Detected	2.9	Not Detected
Bromomethane	13	Not Detected	51	Not Detected
Chloroethane	5.3	Not Detected	14	Not Detected
Freon 11	1.3	0.21 J	7.4	1.2 J
Ethanol	5.3	Not Detected	10	Not Detected
Freon 113	1.3	Not Detected	10	Not Detected
1,1-Dichloroethene	1.3	Not Detected	5.2	Not Detected
Acetone	13	4.0 J	31	9.4 J
2-Propanol	5.3	2.8 J	13	6.9 J
Carbon Disulfide	5.3	~~0.98 J~~	16	~~3.0 J~~
3-Chloropropene	5.3	Not Detected	16	Not Detected
Methylene Chloride	13	Not Detected	46	Not Detected
Methyl tert-butyl ether	1.3	Not Detected	4.8	Not Detected
trans-1,2-Dichloroethene	1.3	Not Detected	5.2	Not Detected
Hexane	1.3	0.36 J	4.7	1.3 J
1,1-Dichloroethane	1.3	Not Detected	5.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.3	Not Detected	16	Not Detected
cis-1,2-Dichloroethene	1.3	Not Detected	5.2	Not Detected
Tetrahydrofuran	1.3	Not Detected	3.9	Not Detected
Chloroform	1.3	0.59 J	6.5	2.9 J
1,1,1-Trichloroethane	1.3	Not Detected	7.2	Not Detected
Cyclohexane	1.3	Not Detected	4.6	Not Detected
Carbon Tetrachloride	1.3	Not Detected	8.3	Not Detected
2,2,4-Trimethylpentane	1.3	14	6.2	67
Benzene	1.3	Not Detected	4.2	Not Detected
1,2-Dichloroethane	1.3	Not Detected	5.4	Not Detected
Heptane	1.3	Not Detected	5.4	Not Detected
Trichloroethene	1.3	Not Detected	7.1	Not Detected
1,2-Dichloropropane	1.3	Not Detected	6.1	Not Detected
1,4-Dioxane	5.3	Not Detected	19	Not Detected
Bromodichloromethane	1.3	Not Detected	8.9	Not Detected
cis-1,3-Dichloropropene	1.3	Not Detected	6.0	Not Detected
4-Methyl-2-pentanone	1.3	Not Detected	5.4	Not Detected
Toluene	1.3	~~0.12 J~~	5.0	~~0.45 J~~
trans-1,3-Dichloropropene	1.3	Not Detected	6.0	Not Detected
1,1,2-Trichloroethane	1.3	Not Detected	7.2	Not Detected
Tetrachloroethene	1.3	0.40 J	9.0	2.7 J
2-Hexanone	5.3	Not Detected	22	Not Detected

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Client Sample ID: VMP-23-10-042213

Lab ID#: 1304593A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043019**	**Date of Collection: 4/22/13 10:38:00 AM**	
Dil. Factor:	**2.65**	**Date of Analysis: 4/30/13 07:49 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.3	Not Detected	11	Not Detected
1,2-Dibromoethane (EDB)	1.3	Not Detected	10	Not Detected
Chlorobenzene	1.3	Not Detected	6.1	Not Detected
Ethyl Benzene	1.3	Not Detected	5.8	Not Detected
m,p-Xylene	1.3	Not Detected	5.8	Not Detected
o-Xylene	1.3	Not Detected	5.8	Not Detected
Styrene	1.3	Not Detected	5.6	Not Detected
Bromoform	1.3	Not Detected	14	Not Detected
Cumene	1.3	Not Detected	6.5	Not Detected
1,1,2,2-Tetrachloroethane	1.3	Not Detected	9.1	Not Detected
Propylbenzene	1.3	Not Detected	6.5	Not Detected
4-Ethyltoluene	1.3	Not Detected	6.5	Not Detected
1,3,5-Trimethylbenzene	1.3	Not Detected	6.5	Not Detected
1,2,4-Trimethylbenzene	1.3	Not Detected	6.5	Not Detected
1,3-Dichlorobenzene	1.3	Not Detected	8.0	Not Detected
1,4-Dichlorobenzene	1.3	Not Detected	8.0	Not Detected
alpha-Chlorotoluene	1.3	Not Detected	6.8	Not Detected
1,2-Dichlorobenzene	1.3	Not Detected	8.0	Not Detected
1,2,4-Trichlorobenzene	5.3	Not Detected	39	Not Detected
Hexachlorobutadiene	5.3	Not Detected	56	Not Detected
Butane	5.3	Not Detected	12	Not Detected
Isopentane	5.3	Not Detected	16	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VMP-23-25-042213

Lab ID#: 1304593A-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043020**	**Date of Collection: 4/22/13 11:47:00 AM**	
Dil. Factor:	**2.76**	**Date of Analysis: 4/30/13 08:28 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.47 J	6.8	2.3 J
Freon 114	1.4	Not Detected	9.6	Not Detected
Chloromethane	14	Not Detected	28	Not Detected
Vinyl Chloride	1.4	Not Detected	3.5	Not Detected
1,3-Butadiene	1.4	Not Detected	3.0	Not Detected
Bromomethane	14	Not Detected	54	Not Detected
Chloroethane	5.5	Not Detected	14	Not Detected
Freon 11	1.4	0.25 J	7.8	1.4 J
Ethanol	5.5	Not Detected	10	Not Detected
Freon 113	1.4	Not Detected	10	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.5	Not Detected
Acetone	14	10 J	33	24 J
2-Propanol	5.5	0.59 J	14	1.4 J
Carbon Disulfide	5.5	~~0.83 J~~ u	17	~~2.6 J~~ u
3-Chloropropene	5.5	Not Detected	17	Not Detected
Methylene Chloride	14	~~0.40 J~~ u	48	~~1.4 J~~ u
Methyl tert-butyl ether	1.4	Not Detected	5.0	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.5	Not Detected
Hexane	1.4	1.3 J	4.9	4.5 J
1,1-Dichloroethane	1.4	Not Detected	5.6	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.5	Not Detected	16	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.5	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.1	Not Detected
Chloroform	1.4	0.82 J	6.7	4.0 J
1,1,1-Trichloroethane	1.4	Not Detected	7.5	Not Detected
Cyclohexane	1.4	0.96 J	4.8	3.3 J
Carbon Tetrachloride	1.4	Not Detected	8.7	Not Detected
2,2,4-Trimethylpentane	1.4	7.9	6.4	37
Benzene	1.4	0.60 J	4.4	1.9 J
1,2-Dichloroethane	1.4	Not Detected	5.6	Not Detected
Heptane	1.4	1.2 J	5.6	4.9 J
Trichloroethene	1.4	Not Detected	7.4	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.4	Not Detected
1,4-Dioxane	5.5	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.2	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.3	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.6	Not Detected
Toluene	1.4	1.9	5.2	7.0
trans-1,3-Dichloropropene	1.4	Not Detected	6.3	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.5	Not Detected
Tetrachloroethene	1.4	~~0.20 J~~ u	9.4	~~1.3 J~~ u
2-Hexanone	5.5	Not Detected	23	Not Detected

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Client Sample ID: VMP-23-25-042213

Lab ID#: 1304593A-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043020**	**Date of Collection: 4/22/13 11:47:00 AM**	
Dil. Factor:	**2.76**	**Date of Analysis: 4/30/13 08:28 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	Not Detected	6.4	Not Detected
Ethyl Benzene	1.4	1.7	6.0	7.3
m,p-Xylene	1.4	3.9	6.0	17
o-Xylene	1.4	1.8	6.0	7.7
Styrene	1.4	Not Detected	5.9	Not Detected
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	~~0.25 J~~	6.8	~~1.2 J~~
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.5	Not Detected
Propylbenzene	1.4	~~0.57 J~~	6.8	~~2.8 J~~
4-Ethyltoluene	1.4	1.4 J	6.8	7.1 J
1,3,5-Trimethylbenzene	1.4	~~0.33 J~~	6.8	~~1.6 J~~
1,2,4-Trimethylbenzene	1.4	~~0.82 J~~	6.8	~~4.0 J~~
1,3-Dichlorobenzene	1.4	Not Detected	8.3	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.3	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.1	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.3	Not Detected
1,2,4-Trichlorobenzene	5.5	Not Detected	41	Not Detected
Hexachlorobutadiene	5.5	Not Detected	59	Not Detected
Butane	5.5	Not Detected	13	Not Detected
Isopentane	5.5	2.0 J	16	5.9 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VMP-23-40-042213

Lab ID#: 1304593A-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p043021	Date of Collection:	4/22/13 12:43:00 PM
Dil. Factor:	2.82	Date of Analysis:	4/30/13 08:59 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.40 J	7.0	2.0 J
Freon 114	1.4	Not Detected	9.8	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.1	Not Detected
Bromomethane	14	Not Detected	55	Not Detected
Chloroethane	5.6	Not Detected	15	Not Detected
Freon 11	1.4	0.39 J	7.9	2.2 J
Ethanol	5.6	Not Detected	11	Not Detected
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Acetone	14	4.0 J	33	9.4 J
2-Propanol	5.6	Not Detected	14	Not Detected
Carbon Disulfide	5.6	~~1.1 J~~	18	~~3.4 J~~
3-Chloropropene	5.6	Not Detected	18	Not Detected
Methylene Chloride	14	Not Detected	49	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.1	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Hexane	1.4	6.9	5.0	24
1,1-Dichloroethane	1.4	Not Detected	5.7	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.6	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
Chloroform	1.4	1.1 J	6.9	5.3 J
1,1,1-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Cyclohexane	1.4	2.2	4.8	7.6
Carbon Tetrachloride	1.4	Not Detected	8.9	Not Detected
2,2,4-Trimethylpentane	1.4	4.3	6.6	20
Benzene	1.4	5.5	4.5	18
1,2-Dichloroethane	1.4	Not Detected	5.7	Not Detected
Heptane	1.4	5.8	5.8	24
Trichloroethene	1.4	Not Detected	7.6	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.5	Not Detected
1,4-Dioxane	5.6	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.4	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.8	Not Detected
Toluene	1.4	2.2	5.3	8.2
trans-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Tetrachloroethene	1.4	~~0.22 J~~	9.6	~~1.5 J~~
2-Hexanone	5.6	Not Detected	23	Not Detected

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Client Sample ID: VMP-23-40-042213

Lab ID#: 1304593A-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043021**	**Date of Collection: 4/22/13 12:43:00 PM**	
Dil. Factor:	**2.82**	**Date of Analysis: 4/30/13 08:59 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	Not Detected	6.5	Not Detected
Ethyl Benzene	1.4	3.7	6.1	16
m,p-Xylene	1.4	6.3	6.1	27
o-Xylene	1.4	3.1	6.1	14
Styrene	1.4	Not Detected	6.0	Not Detected
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	Not Detected	6.9	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.7	Not Detected
Propylbenzene	1.4	Not Detected	6.9	Not Detected
4-Ethyltoluene	1.4	1.2 J	6.9	6.1 J
1,3,5-Trimethylbenzene	1.4	0.30 J	6.9	1.5 J
1,2,4-Trimethylbenzene	1.4	0.43 J	6.9	2.1 J
1,3-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.3	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
1,2,4-Trichlorobenzene	5.6	Not Detected	42	Not Detected
Hexachlorobutadiene	5.6	Not Detected	60	Not Detected
Butane	5.6	12	13	28
Isopentane	5.6	14	17	41

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VMP-23-40-042213-Dup

Lab ID#: 1304593A-12A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p043022	**Date of Collection:**	4/22/13 12:43:00 PM
Dil. Factor:	2.82	**Date of Analysis:**	4/30/13 09:29 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.46 J	7.0	2.3 J
Freon 114	1.4	Not Detected	9.8	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.1	Not Detected
Bromomethane	14	Not Detected	55	Not Detected
Chloroethane	5.6	Not Detected	15	Not Detected
Freon 11	1.4	0.41 J	7.9	2.3 J
Ethanol	5.6	Not Detected	11	Not Detected
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Acetone	14	5.5 J	33	13 J
2-Propanol	5.6	Not Detected	14	Not Detected
Carbon Disulfide	5.6	~~0.94 J~~	18	~~2.9 J~~
3-Chloropropene	5.6	Not Detected	18	Not Detected
Methylene Chloride	14	Not Detected	49	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.1	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Hexane	1.4	5.8	5.0	20
1,1-Dichloroethane	1.4	Not Detected	5.7	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.6	2.5 J	17	7.4 J
cis-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
Chloroform	1.4	1.1 J	6.9	5.6 J
1,1,1-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Cyclohexane	1.4	2.0	4.8	7.0
Carbon Tetrachloride	1.4	Not Detected	8.9	Not Detected
2,2,4-Trimethylpentane	1.4	3.1	6.6	15
Benzene	1.4	4.4	4.5	14
1,2-Dichloroethane	1.4	Not Detected	5.7	Not Detected
Heptane	1.4	4.0	5.8	16
Trichloroethene	1.4	Not Detected	7.6	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.5	Not Detected
1,4-Dioxane	5.6	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.4	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.8	Not Detected
Toluene	1.4	1.6	5.3	6.2
trans-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Tetrachloroethene	1.4	~~0.21 J~~	9.6	~~1.4 J~~
2-Hexanone	5.6	Not Detected	23	Not Detected

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Client Sample ID: VMP-23-40-042213-Dup

Lab ID#: 1304593A-12A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043022**	**Date of Collection: 4/22/13 12:43:00 PM**	
Dil. Factor:	**2.82**	**Date of Analysis: 4/30/13 09:29 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	Not Detected	6.5	Not Detected
Ethyl Benzene	1.4	2.3	6.1	9.9
m,p-Xylene	1.4	4.5	6.1	20
o-Xylene	1.4	1.9	6.1	8.4
Styrene	1.4	Not Detected	6.0	Not Detected
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	Not Detected	6.9	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.7	Not Detected
Propylbenzene	1.4	Not Detected	6.9	Not Detected
4-Ethyltoluene	1.4	0.79 J	6.9	3.9 J
1,3,5-Trimethylbenzene	1.4	Not Detected	6.9	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	6.9	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.3	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
1,2,4-Trichlorobenzene	5.6	Not Detected	42	Not Detected
Hexachlorobutadiene	5.6	Not Detected	60	Not Detected
Butane	5.6	11	13	25
Isopentane	5.6	15	17	44

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1304593A-13A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043005a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/30/13 11:33 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	0.54 J	6.2	1.7 J
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	0.33 J	17	1.2 J
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	0.13 J	2.0	0.52 J
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	0.12 J	2.3	0.53 J
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	0.055 J	1.9	0.21 J
trans-1,3-Dichloropropene	0.50	0.18 J	2.3	0.81 J
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	0.074 J	3.4	0.50 J
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1304593A-13A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043005a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/30/13 11:33 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	0.15 J	3.8	1.2 J
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	0.12 J	2.2	0.54 J
Styrene	0.50	0.12 J	2.1	0.50 J
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	0.21 J	2.4	1.0 J
1,1,2,2-Tetrachloroethane	0.50	0.099 J	3.4	0.68 J
Propylbenzene	0.50	0.17 J	2.4	0.85 J
4-Ethyltoluene	0.50	0.16 J	2.4	0.77 J
1,3,5-Trimethylbenzene	0.50	0.30 J	2.4	1.5 J
1,2,4-Trimethylbenzene	0.50	0.25 J	2.4	1.2 J
1,3-Dichlorobenzene	0.50	0.28 J	3.0	1.7 J
1,4-Dichlorobenzene	0.50	0.33 J	3.0	2.0 J
alpha-Chlorotoluene	0.50	0.18 J	2.6	0.93 J
1,2-Dichlorobenzene	0.50	0.32 J	3.0	1.9 J
1,2,4-Trichlorobenzene	2.0	1.0 J	15	7.7 J
Hexachlorobutadiene	2.0	0.73 J	21	7.8 J
Butane	2.0	Not Detected	4.8	Not Detected
Isopentane	2.0	Not Detected	5.9	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: CCV

Lab ID#: 1304593A-14A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043002**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/30/13 09:35 AM**	

Compound	%Recovery
Freon 12	86
Freon 114	86
Chloromethane	90
Vinyl Chloride	88
1,3-Butadiene	92
Bromomethane	96
Chloroethane	95
Freon 11	86
Ethanol	104
Freon 113	87
1,1-Dichloroethene	92
Acetone	95
2-Propanol	92
Carbon Disulfide	83
3-Chloropropene	90
Methylene Chloride	97
Methyl tert-butyl ether	79
trans-1,2-Dichloroethene	87
Hexane	99
1,1-Dichloroethane	90
2-Butanone (Methyl Ethyl Ketone)	98
cis-1,2-Dichloroethene	89
Tetrahydrofuran	99
Chloroform	92
1,1,1-Trichloroethane	87
Cyclohexane	89
Carbon Tetrachloride	89
2,2,4-Trimethylpentane	98
Benzene	95
1,2-Dichloroethane	92
Heptane	98
Trichloroethene	90
1,2-Dichloropropane	101
1,4-Dioxane	98
Bromodichloromethane	97
cis-1,3-Dichloropropene	98
4-Methyl-2-pentanone	109
Toluene	99
trans-1,3-Dichloropropene	94
1,1,2-Trichloroethane	95
Tetrachloroethene	88
2-Hexanone	101

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Client Sample ID: CCV
Lab ID#: 1304593A-14A
EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043002**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/30/13 09:35 AM**	

Compound	%Recovery
Dibromochloromethane	95
1,2-Dibromoethane (EDB)	96
Chlorobenzene	96
Ethyl Benzene	98
m,p-Xylene	99
o-Xylene	98
Styrene	102
Bromoform	98
Cumene	97
1,1,2,2-Tetrachloroethane	100
Propylbenzene	98
4-Ethyltoluene	102
1,3,5-Trimethylbenzene	103
1,2,4-Trimethylbenzene	99
1,3-Dichlorobenzene	98
1,4-Dichlorobenzene	95
alpha-Chlorotoluene	99
1,2-Dichlorobenzene	100
1,2,4-Trichlorobenzene	99
Hexachlorobutadiene	99
Butane	95
Isopentane	95

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	107	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: LCS
Lab ID#: 1304593A-15A
EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043003**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/30/13 10:18 AM**	

Compound	%Recovery
Freon 12	86
Freon 114	87
Chloromethane	90
Vinyl Chloride	92
1,3-Butadiene	95
Bromomethane	92
Chloroethane	94
Freon 11	84
Ethanol	73
Freon 113	87
1,1-Dichloroethene	96
Acetone	93
2-Propanol	89
Carbon Disulfide	104
3-Chloropropene	104
Methylene Chloride	93
Methyl tert-butyl ether	79
trans-1,2-Dichloroethene	98
Hexane	97
1,1-Dichloroethane	89
2-Butanone (Methyl Ethyl Ketone)	96
cis-1,2-Dichloroethene	90
Tetrahydrofuran	92
Chloroform	91
1,1,1-Trichloroethane	84
Cyclohexane	89
Carbon Tetrachloride	86
2,2,4-Trimethylpentane	95
Benzene	90
1,2-Dichloroethane	86
Heptane	95
Trichloroethene	87
1,2-Dichloropropane	96
1,4-Dioxane	90
Bromodichloromethane	90
cis-1,3-Dichloropropene	91
4-Methyl-2-pentanone	98
Toluene	93
trans-1,3-Dichloropropene	87
1,1,2-Trichloroethane	89
Tetrachloroethene	83
2-Hexanone	91

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Client Sample ID: LCS

Lab ID#: 1304593A-15A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043003**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/30/13 10:18 AM**	

Compound	%Recovery
Dibromochloromethane	88
1,2-Dibromoethane (EDB)	91
Chlorobenzene	92
Ethyl Benzene	92
m,p-Xylene	97
o-Xylene	94
Styrene	91
Bromoform	90
Cumene	93
1,1,2,2-Tetrachloroethane	100
Propylbenzene	96
4-Ethyltoluene	96
1,3,5-Trimethylbenzene	98
1,2,4-Trimethylbenzene	95
1,3-Dichlorobenzene	98
1,4-Dichlorobenzene	93
alpha-Chlorotoluene	87
1,2-Dichlorobenzene	99
1,2,4-Trichlorobenzene	108
Hexachlorobutadiene	103
Butane	88
Isopentane	92

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	107	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	104	70-130

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Client Sample ID: LCSD

Lab ID#: 1304593A-15AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043004**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/30/13 10:53 AM**	

Compound	%Recovery
Freon 12	80
Freon 114	82
Chloromethane	87
Vinyl Chloride	88
1,3-Butadiene	89
Bromomethane	89
Chloroethane	91
Freon 11	80
Ethanol	70
Freon 113	84
1,1-Dichloroethene	94
Acetone	88
2-Propanol	88
Carbon Disulfide	101
3-Chloropropene	100
Methylene Chloride	89
Methyl tert-butyl ether	78
trans-1,2-Dichloroethene	98
Hexane	86
1,1-Dichloroethane	87
2-Butanone (Methyl Ethyl Ketone)	92
cis-1,2-Dichloroethene	86
Tetrahydrofuran	87
Chloroform	87
1,1,1-Trichloroethane	81
Cyclohexane	84
Carbon Tetrachloride	81
2,2,4-Trimethylpentane	93
Benzene	88
1,2-Dichloroethane	82
Heptane	90
Trichloroethene	84
1,2-Dichloropropane	94
1,4-Dioxane	86
Bromodichloromethane	87
cis-1,3-Dichloropropene	90
4-Methyl-2-pentanone	100
Toluene	90
trans-1,3-Dichloropropene	84
1,1,2-Trichloroethane	85
Tetrachloroethene	80
2-Hexanone	88

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Client Sample ID: LCSD

Lab ID#: 1304593A-15AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p043004**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/30/13 10:53 AM**	

Compound	%Recovery
Dibromochloromethane	85
1,2-Dibromoethane (EDB)	88
Chlorobenzene	87
Ethyl Benzene	89
m,p-Xylene	92
o-Xylene	90
Styrene	87
Bromoform	86
Cumene	89
1,1,2,2-Tetrachloroethane	96
Propylbenzene	92
4-Ethyltoluene	91
1,3,5-Trimethylbenzene	93
1,2,4-Trimethylbenzene	91
1,3-Dichlorobenzene	94
1,4-Dichlorobenzene	90
alpha-Chlorotoluene	83
1,2-Dichlorobenzene	94
1,2,4-Trichlorobenzene	103
Hexachlorobutadiene	97
Butane	89
Isopentane	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	103	70-130

1304593

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CH ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian

INCIDENT # (ENV SERVICES): 9 7 2 1 8 6 4 0
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 04/25/13
PAGE: 1 of 2

PO #:
SAP #: 3 4 0 0 8 1

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA
State: IL
GLOBAL ID NO.:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST. LOUIS, MO 63110
LAB/DELIVERY ADDRESS: Air Toxics LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO: 314-743-4179
E-MAIL:
CONSULTANT PROJECT MANAGER: Roxana Soil Vapor
TELEPHONE: 314-429-0100
FAX: 314-429-0462
E-MAIL TO CONTACT: Robert.Mooshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:
DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

Turn Around Time: ☑ Normal ☐ Rush Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N2 He

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946				
DH	VMP-20-5-041913	04/19/13	915-945	6046	-29	-7.5			X	X					
CG	VMP-20-10-041913	04/19/13	1002-1032	36435	-29.5	-7.5			X	X					
BA	VMP-20-25-041913	04/19/13	1048-1118	14529	-29	8.5			X	X					
CM	VMP-22-5-041913	04/19/13	1344-1414	3033	-27	-6			X	X					
CS	VMP-22-10-041913	04/19/13	1430-1500	37402	-30	-8.5			X	X					
CW	VMP-22-18-042213	04/22/13	1425-1455	15755	-30	-9.5			X	X					
CH	VMP-22-38-042213	04/22/13	1507-1537	36497	-30	-11			X	X					

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	FEDEX	4/25/13	1730
	Matthew ATL	4/26/13	1000
	Fedex		

05/2006 Revision

Custody Seal Intact?
(Y) N None Temp NA

130593

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box: ☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL ☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES ☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian

INCIDENT # (ENV SERVICES): 9 7 2 1 5 6 4 0 ☐ CHECK IF NO INCIDENT # APPLIES

DATE: 04/25/13

PAGE: 2 of 2

PO #:

SAP #: 3 4 0 0 6 1

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA

State: IL

GLOBAL ID NO:

ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300, ST. LOUIS, MO 63110

EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis

PHONE NO: 314-743-4179

E-MAIL:

CONSULTANT PROJECT NAME: Roxana Soil Vapor

Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719

TELEPHONE: 314-429-0100

FAX: 314-429-0462

EDF To Contact E-MAIL: Robert.Mooshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ LIST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY):

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

Lab Use Only	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
	VMP-23-5-042213	04/22/13	917-947	1359	-30	-9.5			X	X	
	VMP-23-10-042213	04/22/13	1008-1038	5526	-30	-6			X	X	
	VMP-23-25-042213	04/22/13	1114-1147	2117	-30	-8.5			X	X	
	VMP-23-40-042213	04/22/13	1209-1243	25278	-30	-8			X	X	
	VMP-23-40-042213 -Dup	04/22/13	1209-1243	37755	-30	-9			X	X	

Turn Around Time: ☑ Normal ☐ Rush ☐ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N2 He

ADDITIONAL NOTES:

- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	FEDEX	4/25/13	1730
Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	BD Dettaker ATL	4/26/13	1000
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

05/2006 Revision

7 days
Custody Seal Intact
Y N None Temp NA

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5/10/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1304593B

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 4/26/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1304593B

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	04/26/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/10/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-20-5-041913	Modified ASTM D-1946	6.1 "Hg	14.7 psi
02A	VMP-20-10-041913	Modified ASTM D-1946	6.5 "Hg	14.8 psi
03A	VMP-20-25-041913	Modified ASTM D-1946	7.6 "Hg	14.7 psi
04A	VMP-22-5-041913	Modified ASTM D-1946	5.9 "Hg	15.2 psi
05A	VMP-22-10-041913	Modified ASTM D-1946	7.3 "Hg	14.9 psi
06A	VMP-22-18-042213	Modified ASTM D-1946	9 "Hg	14.9 psi
07A	VMP-22-38-042213	Modified ASTM D-1946	9.6 "Hg	14.6 psi
08A	VMP-23-5-042213	Modified ASTM D-1946	8.4 "Hg	14.4 psi
09A	VMP-23-10-042213	Modified ASTM D-1946	7.3 "Hg	14.7 psi
10A	VMP-23-25-042213	Modified ASTM D-1946	8.2 "Hg	14.8 psi
11A	VMP-23-40-042213	Modified ASTM D-1946	8.4 "Hg	15.2 psi
12A	VMP-23-40-042213-Dup	Modified ASTM D-1946	8.4 "Hg	15.2 psi
13A	Lab Blank	Modified ASTM D-1946	NA	NA
13B	Lab Blank	Modified ASTM D-1946	NA	NA
14A	LCS	Modified ASTM D-1946	NA	NA
14AA	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY: Heidi Rayos DATE: 05/10/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified ASTM D-1946
URS Corporation
Workorder# 1304593B

Twelve 1 Liter Summa Canister samples were received on April 26, 2013. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane and fixed gases in air using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Since Nitrogen is used to pressurize samples, the reported Nitrogen values are calculated by adding all the sample components and subtracting from 100%.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*ASTM D-1946*	*ATL Modifications*
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

The reporting limit for Nitrogen was raised from 0.10% to 0.50%.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-20-5-041913

Lab ID#: 1304593B-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	18
Nitrogen	0.25	77
Carbon Dioxide	0.025	3.4
Helium	0.12	1.4

Client Sample ID: VMP-20-10-041913

Lab ID#: 1304593B-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.26	18
Nitrogen	0.26	78
Carbon Dioxide	0.026	3.8
Helium	0.13	0.19

Client Sample ID: VMP-20-25-041913

Lab ID#: 1304593B-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	18
Nitrogen	0.27	78
Carbon Dioxide	0.027	4.1
Helium	0.13	0.076 J

Client Sample ID: VMP-22-5-041913

Lab ID#: 1304593B-04A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	21
Nitrogen	0.25	79
Carbon Dioxide	0.025	0.30

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-22-10-041913

Lab ID#: 1304593B-05A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	21
Nitrogen	0.27	79
Carbon Dioxide	0.027	0.38
Helium	0.13	0.019 J

Client Sample ID: VMP-22-18-042213

Lab ID#: 1304593B-06A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	20
Nitrogen	0.29	79
Carbon Dioxide	0.029	1.2

Client Sample ID: VMP-22-38-042213

Lab ID#: 1304593B-07A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	19
Nitrogen	0.29	77
Carbon Dioxide	0.029	3.6
Helium	0.15	0.012 J

Client Sample ID: VMP-23-5-042213

Lab ID#: 1304593B-08A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	21
Nitrogen	0.27	79
Methane	0.00027	0.00011 J
Carbon Dioxide	0.027	0.34

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-23-10-042213

Lab ID#: 1304593B-09A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.26	21
Nitrogen	0.26	79
Carbon Dioxide	0.026	0.36

Client Sample ID: VMP-23-25-042213

Lab ID#: 1304593B-10A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	20
Nitrogen	0.28	78
Carbon Dioxide	0.028	1.6
Helium	0.14	0.015 J

Client Sample ID: VMP-23-40-042213

Lab ID#: 1304593B-11A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	18
Nitrogen	0.28	77
Carbon Dioxide	0.028	4.6
Helium	0.14	0.037 J

Client Sample ID: VMP-23-40-042213-Dup

Lab ID#: 1304593B-12A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	18
Nitrogen	0.28	77
Carbon Dioxide	0.028	4.7
Helium	0.14	0.032 J

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Client Sample ID: VMP-20-5-041913

Lab ID#: 1304593B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050107**	**Date of Collection:**	**4/19/13 9:45:00 AM**
Dil. Factor:	**2.51**	**Date of Analysis:**	**5/1/13 12:21 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	18
Nitrogen	0.25	77
Carbon Monoxide	0.025	Not Detected
Methane	0.00025	Not Detected
Carbon Dioxide	0.025	3.4
Ethane	0.0025	Not Detected
Ethene	0.0025	Not Detected
Helium	0.12	1.4

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-20-10-041913

Lab ID#: 1304593B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050108**	**Date of Collection:**	**4/19/13 10:32:00 AM**
Dil. Factor:	**2.56**	**Date of Analysis:**	**5/1/13 12:47 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.26	18
Nitrogen	0.26	78
Carbon Monoxide	0.026	Not Detected
Methane	0.00026	Not Detected
Carbon Dioxide	0.026	3.8
Ethane	0.0026	Not Detected
Ethene	0.0026	Not Detected
Helium	0.13	0.19

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-20-25-041913

Lab ID#: 1304593B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050109**	**Date of Collection:**	**4/19/13 11:18:00 AM**
Dil. Factor:	**2.67**	**Date of Analysis:**	**5/1/13 01:20 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	18
Nitrogen	0.27	78
Carbon Monoxide	0.027	Not Detected
Methane	0.00027	Not Detected
Carbon Dioxide	0.027	4.1
Ethane	0.0027	Not Detected
Ethene	0.0027	Not Detected
Helium	0.13	0.076 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-22-5-041913

Lab ID#: 1304593B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050110**	**Date of Collection:**	**4/19/13 2:14:00 PM**
Dil. Factor:	**2.53**	**Date of Analysis:**	**5/1/13 01:49 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	21
Nitrogen	0.25	79
Carbon Monoxide	0.025	Not Detected
Methane	0.00025	Not Detected
Carbon Dioxide	0.025	0.30
Ethane	0.0025	Not Detected
Ethene	0.0025	Not Detected
Helium	0.13	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-22-10-041913

Lab ID#: 1304593B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050111**	**Date of Collection:**	**4/19/13 3:00:00 PM**
Dil. Factor:	**2.67**	**Date of Analysis:**	**5/1/13 03:02 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	21
Nitrogen	0.27	79
Carbon Monoxide	0.027	Not Detected
Methane	0.00027	Not Detected
Carbon Dioxide	0.027	0.38
Ethane	0.0027	Not Detected
Ethene	0.0027	Not Detected
Helium	0.13	0.019 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-22-18-042213

Lab ID#: 1304593B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10050112	Date of Collection:	4/22/13 2:55:00 PM
Dil. Factor:	2.87	Date of Analysis:	5/1/13 03:29 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	20
Nitrogen	0.29	79
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	Not Detected
Carbon Dioxide	0.029	1.2
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-22-38-042213

Lab ID#: 1304593B-07A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050113**	**Date of Collection:**	**4/22/13 3:37:00 PM**
Dil. Factor:	**2.93**	**Date of Analysis:**	**5/1/13 03:53 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	19
Nitrogen	0.29	77
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	Not Detected
Carbon Dioxide	0.029	3.6
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.15	0.012 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-23-5-042213

Lab ID#: 1304593B-08A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050114**	**Date of Collection: 4/22/13 9:47:00 AM**	
Dil. Factor:	**2.74**	**Date of Analysis: 5/1/13 04:17 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	21
Nitrogen	0.27	79
Carbon Monoxide	0.027	Not Detected
Methane	0.00027	0.00011 J
Carbon Dioxide	0.027	0.34
Ethane	0.0027	Not Detected
Ethene	0.0027	Not Detected
Helium	0.14	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-23-10-042213

Lab ID#: 1304593B-09A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050115**	**Date of Collection:**	**4/22/13 10:38:00 AM**
Dil. Factor:	**2.65**	**Date of Analysis:**	**5/1/13 04:44 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.26	21
Nitrogen	0.26	79
Carbon Monoxide	0.026	Not Detected
Methane	0.00026	Not Detected
Carbon Dioxide	0.026	0.36
Ethane	0.0026	Not Detected
Ethene	0.0026	Not Detected
Helium	0.13	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-23-25-042213

Lab ID#: 1304593B-10A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050116**	**Date of Collection:**	**4/22/13 11:47:00 AM**
Dil. Factor:	**2.76**	**Date of Analysis:**	**5/1/13 05:05 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	20
Nitrogen	0.28	78
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	Not Detected
Carbon Dioxide	0.028	1.6
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	0.015 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-23-40-042213

Lab ID#: 1304593B-11A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050117**	**Date of Collection:**	**4/22/13 12:43:00 PM**
Dil. Factor:	**2.82**	**Date of Analysis:**	**5/1/13 05:27 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	18
Nitrogen	0.28	77
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	Not Detected
Carbon Dioxide	0.028	4.6
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	0.037 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-23-40-042213-Dup

Lab ID#: 1304593B-12A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050118**	**Date of Collection:**	**4/22/13 12:43:00 PM**
Dil. Factor:	**2.82**	**Date of Analysis:**	**5/1/13 05:49 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	18
Nitrogen	0.28	77
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	Not Detected
Carbon Dioxide	0.028	4.7
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	0.032 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: Lab Blank

Lab ID#: 1304593B-13A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050105a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/1/13 11:18 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	0.012 J
Nitrogen	0.10	0.060 J
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected
Ethane	0.0010	Not Detected
Ethene	0.0010	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

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Client Sample ID: Lab Blank

Lab ID#: 1304593B-13B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050104ca**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/1/13 10:39 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.050	0.014 J

J = Estimated value.

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCS

Lab ID#: 1304593B-14A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/1/13 09:37 AM**	

Compound	%Recovery
Oxygen	104
Nitrogen	100
Carbon Monoxide	100
Methane	99
Carbon Dioxide	101
Ethane	98
Ethene	98
Helium	99

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCSD

Lab ID#: 1304593B-14AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050128**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/1/13 09:59 PM**	

Compound	%Recovery
Oxygen	103
Nitrogen	101
Carbon Monoxide	100
Methane	100
Carbon Dioxide	101
Ethane	99
Ethene	99
Helium	99

Container Type: NA - Not Applicable

1304593

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD. Project Name: Roxana Soil Vapor Project # 21562850.04002 Lab Vendor #	Please Check Appropriate Box: ☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL ☐ MOTIVA SD&CH ☐ CONSULTANT ☐ LUBES ☐ SHELL PIPELINE ☐ OTHER	Print Bill To Contact Name: Robert Mooshegian PO #:	INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0 ☐ CHECK IF NO INCIDENT # APPLIES SAP #: 3 4 0 0 6 1 DATE: 04/25/13 PAGE: 1 of 2
SAMPLING COMPANY: URS CORPORATION	LOG CODE:	SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA	State: IL GLOBAL ID NO:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST. LOUIS, MO 63110		EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis	PHONE NO: 314-743-4179 E-MAIL: CONSULTANT PROJECT NAME: Roxana Soil Vapor
Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719			
TELEPHONE: 314-429-0100	FAX: 314-429-0462	SEND TO CONSULTANT E-MAIL: Robert.Mooshegian@urs.com	

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946			
01A	VMP-20-5-041913	04/19/13	915-945	8046	-29	-7.5			X	X				
02A	VMP-20-10-041913	04/19/13	1002-1032	36435	-29.5	-7.5			X	X				
03A	VMP-20-25-041913	04/19/13	1048-1118	14529	29	8.5			X	X				
04A	VMP-22-5-041913	04/19/13	1344-1414	3033	-27	-6			X	X				
05A	VMP-22-10-041913	04/19/13	1430-1500	37402	-30	-8.5			X	X				
06A	VMP-22-18-042213	04/22/13	1425-1455	15755	-30	-9.5			X	X				
07A	VMP-22-38-042213	04/22/13	1507-1537	36497	-30	-11			X	X				

Turn Around Time: ☑ Normal ☐ Rush ☐ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

ADDITIONAL NOTES:

- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

Relinquished by: (Signature)	Received by: (Signature) FEDEX	Date: 4/25/13	Time: 730
Relinquished by: (Signature)	Received by: (Signature)	Date: 4/26/13	Time: 1000
Relinquished by: (Signature)	Received by: (Signature) Fedex	Date:	Time:

05/2006 Revision

Custody Seal Intact?
(Y) N None Temp NA

130593

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER _____

Print Bill To Contact Name: Robert Mooshegian
PO #:
INCIDENT # (ENV SERVICES): 9 7 2 1 8 6 4 0
SAP #: 3 4 0 0 6 1
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 04/25/13
PAGE: 2 of 2

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA
State: IL
GLOBAL ID NO.:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300, ST. LOUIS, MO 63110
EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO: 314-743-4179
E-MAIL:
CONSULTANT PROJECT NAME#: Roxana Soil Vapor
Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
TELEPHONE: 314-429-0100
FAX: 314-429-0462
Bill To Contact E-MAIL: Robert.Mooshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS)
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ EDF AGENCY:

DELIVERABLES ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY): _____

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Hellium	ASTM D-1946					
01	VMP-23-5-042213	04/22/13	917-947	1359	-30	-9.5			X	X						
02	VMP-23-10-042213	04/22/13	1008-1038	5526	-30	-8			X	X						
03	VMP-23-25-042213	04/22/13	1114-1147	2117	-30	-8.5			X	X						
04	VMP-23-40-042213	04/22/13	1209-1243	25278	-30	-8			X	X						
05	VMP-23-40-042213 -Dup	04/22/13	1209-1243	37755	-30	-9			X	X						

Turn Around Time:
☑ Normal
☐ Rush
Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N2 He

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	FEDEX	4/25/13	1733
Relinquished by: (Signature)	Received by: (Signature) BD Duffaker ATL	Date 4/26/13	Time 1000
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

05/2006 Revision

7 days
Custody Seal Intact
Y N None Temp NA

Roxana Soil Vapor Quarterly – 2nd Quarter 2013 Data Review

Laboratory SDG: 1304602A,B

Data Reviewer: Melissa Mansker

Peer Reviewer: Elizabeth Kunkel

Date Reviewed: 6/12/2013

Guidance: USEPA National Functional Guidelines for Superfund Organic Methods Data Review 2008

Sample Identification	Sample Identification
VMP-16-5-042313	VMP-16-13.5-042313
VMP-16-19-042313	VMP-16-31-042313
VMP-20-39.5-041913	

1.0 Data Package Completeness

Were all items delivered as specified in the QAPP and COC as appropriate?

Yes

2.0 Laboratory Case Narrative \ Cooler Receipt Form

Were problems noted in the laboratory case narrative or cooler receipt form?

Yes, the laboratory case narrative indicated samples VMP-16-13.5-042313 and VMP-16-19-042313 were diluted and re-analyzed to bring the highest level target analytes within the calibration range of the instrument. Results for the highest level target analytes were reported from the re-analysis diluted runs and the remaining compounds were reported from the original analyses. Samples were diluted due to high levels of target analytes. Although not indicated in the laboratory case narrative, analytes were detected in the method blank. These issues are addressed further in the appropriate sections below.

No issues or discrepancies were noted in the cooler receipt form.

3.0 Holding Times

Were samples extracted/analyzed within applicable limits?

Yes

4.0 Blank Contamination

Were any analytes detected in the Blanks?

Yes

Blank ID	Parameter	Analyte	Concentration/ Amount
1304602A-06A	TO-15	Methylene chloride	0.60 ppbv / 2.1 µg/m^3
1304602B-06A	Natural gases	Oxygen	0.012%
1304602B-06A	Natural gases	Nitrogen	0.060%
1304602B-06B	Natural gases	Helium	0.014%

Analytical data that were reported non-detect or at concentrations greater than five times

(5X) the associated blank concentration did not require qualification. No qualification of data was required.

5.0 Laboratory Control Sample

Were LCS recoveries within evaluation criteria?

Yes

6.0 Surrogate Recoveries

Were surrogate recoveries within evaluation criteria?

Yes

7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

Were MS/MSD samples analyzed as part of this SDG?

MS/MSD samples are not applicable for vapor samples, due to the inability to spike the samples.

8.0 Laboratory Duplicate Results

Were laboratory duplicate samples collected as part of this SDG?

No

9.0 Field Duplicate Results

Were field duplicate samples collected as part of this SDG?

No

10.0 Sample Dilutions

For samples that were diluted and nondetect, were undiluted results also reported?

Not applicable; analytes were detected in samples that were diluted.

11.0 Additional Qualifications

Were additional qualifications applied?

No

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5/8/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1304602A

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 4/26/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

Reviewed on
6/12/2013

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WORK ORDER #: 1304602A

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	04/26/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/08/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-16-5-042313	Modified TO-15	6.3 "Hg	14.8 psi
02A	VMP-16-13.5-042313	Modified TO-15	6.3 "Hg	15.2 psi
02B	VMP-16-13.5-042313	Modified TO-15	6.3 "Hg	15.2 psi
03A	VMP-16-19-042313	Modified TO-15	4.9 "Hg	15.1 psi
03B	VMP-16-19-042313	Modified TO-15	4.9 "Hg	15.1 psi
04A	VMP-16-31-042313	Modified TO-15	6.1 "Hg	14.9 psi
05A	VMP-20-39.5-041913	Modified TO-15	7.3 "Hg	14.5 psi
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: _____ DATE: 05/08/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effeetive date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
URS Corporation
Workorder# 1304602A

Five 1 Liter Summa Canister samples were received on April 26, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per client project requirements, the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

Due to high-level target compounds, samples VMP-16-13.5-042313 and VMP-16-19-042313 were analyzed twice. In the "A" fraction, the sample was diluted to bring the highest-level compounds within the calibration range. The "B" fraction is also reported by client request and may be reported with "E" flags indicating the compound exceeds the calibration range. Both runs and associated QC are reported.

Dilution was performed on all of the samples due to the presence of high level target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS

Client Sample ID: VMP-16-5-042313

Lab ID#: 1304602A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
2-Propanol	850	45 J	2100	110 J
Methylene Chloride	210	22 J	730	78 J
Cyclohexane	210	360	730	1200
2,2,4-Trimethylpentane	210	210000	990	980000
Benzene	210	150 J	680	480 J
Toluene	210	1300	800	5100
Butane	850	460 J	2000	1100 J
Isopentane	850	13000	2500	40000

Client Sample ID: VMP-16-13.5-042313 * Use these results only. All other data was reported from the 129x dilution analysis

Lab ID#: 1304602A-02A

DF = 645

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Methylene Chloride	3200	380 J	11000	1300 J
Hexane	3200	720 J	11000	2500 J
Cyclohexane	3200	28000	11000	97000
* 2,2,4-Trimethylpentane	3200	1800000	15000	8200000
Benzene	3200	4100	10000	13000
Toluene	3200	2600 J	12000	9800 J
Tetrachloroethene	3200	1500 J	22000	10000 J
Propylbenzene	3200	500 J	16000	2400 J
Butane	13000	80000	31000	190000
* Isopentane	13000	860000	38000	2500000

Client Sample ID: VMP-16-13.5-042313 * Do not use this data. Use all other data.

Lab ID#: 1304602A-02B

DF = 129

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Methylene Chloride	640	75 J	2200	260 J
Cyclohexane	640	30000	2200	100000
* ~~2,2,4-Trimethylpentane~~	~~640~~	~~1600000 E~~	~~3000~~	~~7600000 E~~
Benzene	640	4000	2100	13000
Toluene	640	2200	2400	8100

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS

Client Sample ID: VMP-16-13.5-042313

Lab ID#: 1304602A-02B

Ethyl Benzene	640	250 J	2800	1100 J
m,p-Xylene	640	140 J	2800	600 J
Cumene	640	290 J	3200	1400 J
Propylbenzene	640	550 J	3200	2700 J
Butane	2600	82000	6100	200000
~~Isopentane~~	~~2600~~	~~830000 E~~	~~7600~~	~~2400000 E~~

Client Sample ID: VMP-16-19-042313 *Use these results only. All other data was reported from the 242x dilution analysis

Lab ID#: 1304602A-03A

DF = 605

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Methylene Chloride	3000	290 J	10000	1000 J
Methyl tert-butyl ether	3000	810 J	11000	2900 J
Hexane	3000	1100 J	11000	4000 J
Cyclohexane	3000	48000	10000	160000
* 2,2,4-Trimethylpentane	3000	1800000	14000	8600000
Benzene	3000	3800	9700	12000
Toluene	3000	2300 J	11000	8700 J
Tetrachloroethene	3000	910 J	20000	6200 J
Ethyl Benzene	3000	15000	13000	65000
m,p-Xylene	3000	4800	13000	21000
Cumene	3000	4900	15000	24000
Propylbenzene	3000	11000	15000	52000
4-Ethyltoluene	3000	2200 J	15000	11000 J
1,3,5-Trimethylbenzene	3000	1100 J	15000	5200 J
1,2,4-Trimethylbenzene	3000	4200	15000	20000
Butane	12000	100000	29000	240000
Isopentane	12000	1100000	36000	3400000

Client Sample ID: VMP-16-19-042313 * Do not use this data. Use all of the data.

Lab ID#: 1304602A-03B

DF = 242

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Methylene Chloride	1200	200 J	4200	690 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS

Client Sample ID: VMP-16-19-042313

Lab ID#: 1304602A-03B

Methyl tert-butyl ether	1200	650 J	4400	2300 J
Hexane	1200	1100 J	4300	4000 J
Cyclohexane	1200	38000	4200	130000
~~2,2,4-Trimethylpentane~~	~~1200~~	~~1500000 E~~	~~5600~~	~~6900000 E~~
Benzene	1200	2900	3900	9400
Toluene	1200	1100 J	4600	4200 J
Tetrachloroethene	1200	1100 J	8200	7200 J
Ethyl Benzene	1200	14000	5200	61000
m,p-Xylene	1200	4700	5200	20000
o-Xylene	1200	150 J	5200	660 J
Cumene	1200	4800	5900	24000
Propylbenzene	1200	9800	5900	48000
4-Ethyltoluene	1200	2200	5900	11000
1,3,5-Trimethylbenzene	1200	1000 J	5900	4900 J
1,2,4-Trimethylbenzene	1200	4000	5900	20000
Butane	4800	82000	12000	200000
Isopentane	4800	880000	14000	2600000

Client Sample ID: VMP-16-31-042313

Lab ID#: 1304602A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Methylene Chloride	3200	300 J	11000	1000 J
Methyl tert-butyl ether	3200	950 J	11000	3400 J
Hexane	3200	1600 J	11000	5600 J
Cyclohexane	3200	72000	11000	250000
2,2,4-Trimethylpentane	3200	2500000	15000	12000000
Benzene	3200	4700	10000	15000
Toluene	3200	2500 J	12000	9500 J
Tetrachloroethene	3200	970 J	21000	6600 J
Ethyl Benzene	3200	14000	14000	60000
m,p-Xylene	3200	1600 J	14000	6900 J
Cumene	3200	8200	16000	40000
Propylbenzene	3200	17000	16000	85000
4-Ethyltoluene	3200	1000 J	16000	5200 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS

Client Sample ID: VMP-16-31-042313

Lab ID#: 1304602A-04A

1,2,4-Trimethylbenzene	3200	2000 J	16000	9900 J
Butane	13000	120000	30000	290000
Isopentane	13000	1400000	37000	4200000

Client Sample ID: VMP-20-39.5-041913

Lab ID#: 1304602A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
2-Propanol	660	54 J	1600	130 J
Methylene Chloride	160	17 J	570	60 J
Cyclohexane	160	140 J	570	470 J
2,2,4-Trimethylpentane	160	82000	770	380000
Benzene	160	57 J	520	180 J
Toluene	160	300	620	1100
Butane	660	440 J	1600	1000 J
Isopentane	660	2700	1900	7900

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Client Sample ID: VMP-16-5-042313

Lab ID#: 1304602A-01A

EPA METHOD TO-15 GC/MS

File Name:	**14050310**	**Date of Collection:**	**4/23/13 9:45:00 AM**
Dil. Factor:	**42.3**	**Date of Analysis:**	**5/3/13 01:19 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	210	Not Detected	1000	Not Detected
Freon 114	210	Not Detected	1500	Not Detected
Chloromethane	850	Not Detected	1700	Not Detected
Vinyl Chloride	210	Not Detected	540	Not Detected
1,3-Butadiene	210	Not Detected	470	Not Detected
Bromomethane	210	Not Detected	820	Not Detected
Chloroethane	850	Not Detected	2200	Not Detected
Freon 11	210	Not Detected	1200	Not Detected
Ethanol	850	Not Detected	1600	Not Detected
Freon 113	210	Not Detected	1600	Not Detected
1,1-Dichloroethene	210	Not Detected	840	Not Detected
Acetone	850	Not Detected	2000	Not Detected
2-Propanol	850	45 J	2100	110 J
Carbon Disulfide	210	Not Detected	660	Not Detected
3-Chloropropene	850	Not Detected	2600	Not Detected
Methylene Chloride	210	22 J	730	78 J
Methyl tert-butyl ether	210	Not Detected	760	Not Detected
trans-1,2-Dichloroethene	210	Not Detected	840	Not Detected
Hexane	210	Not Detected	740	Not Detected
1,1-Dichloroethane	210	Not Detected	860	Not Detected
2-Butanone (Methyl Ethyl Ketone)	850	Not Detected	2500	Not Detected
cis-1,2-Dichloroethene	210	Not Detected	840	Not Detected
Tetrahydrofuran	210	Not Detected	620	Not Detected
Chloroform	210	Not Detected	1000	Not Detected
1,1,1-Trichloroethane	210	Not Detected	1200	Not Detected
Cyclohexane	210	360	730	1200
Carbon Tetrachloride	210	Not Detected	1300	Not Detected
2,2,4-Trimethylpentane	210	210000	990	980000
Benzene	210	150 J	680	480 J
1,2-Dichloroethane	210	Not Detected	860	Not Detected
Heptane	210	Not Detected	870	Not Detected
Trichloroethene	210	Not Detected	1100	Not Detected
1,2-Dichloropropane	210	Not Detected	980	Not Detected
1,4-Dioxane	850	Not Detected	3000	Not Detected
Bromodichloromethane	210	Not Detected	1400	Not Detected
cis-1,3-Dichloropropene	210	Not Detected	960	Not Detected
4-Methyl-2-pentanone	210	Not Detected	870	Not Detected
Toluene	210	1300	800	5100
trans-1,3-Dichloropropene	210	Not Detected	960	Not Detected
1,1,2-Trichloroethane	210	Not Detected	1200	Not Detected
Tetrachloroethene	210	Not Detected	1400	Not Detected
2-Hexanone	850	Not Detected	3500	Not Detected

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Client Sample ID: VMP-16-5-042313

Lab ID#: 1304602A-01A

EPA METHOD TO-15 GC/MS

File Name:	**14050310**	**Date of Collection: 4/23/13 9:45:00 AM**	
Dil. Factor:	**42.3**	**Date of Analysis: 5/3/13 01:19 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	210	Not Detected	1800	Not Detected
1,2-Dibromoethane (EDB)	210	Not Detected	1600	Not Detected
Chlorobenzene	210	Not Detected	970	Not Detected
Ethyl Benzene	210	Not Detected	920	Not Detected
m,p-Xylene	210	Not Detected	920	Not Detected
o-Xylene	210	Not Detected	920	Not Detected
Styrene	210	Not Detected	900	Not Detected
Bromoform	210	Not Detected	2200	Not Detected
Cumene	210	Not Detected	1000	Not Detected
1,1,2,2-Tetrachloroethane	210	Not Detected	1400	Not Detected
Propylbenzene	210	Not Detected	1000	Not Detected
4-Ethyltoluene	210	Not Detected	1000	Not Detected
1,3,5-Trimethylbenzene	210	Not Detected	1000	Not Detected
1,2,4-Trimethylbenzene	210	Not Detected	1000	Not Detected
1,3-Dichlorobenzene	210	Not Detected	1300	Not Detected
1,4-Dichlorobenzene	210	Not Detected	1300	Not Detected
alpha-Chlorotoluene	210	Not Detected	1100	Not Detected
1,2-Dichlorobenzene	210	Not Detected	1300	Not Detected
1,2,4-Trichlorobenzene	850	Not Detected	6300	Not Detected
Hexachlorobutadiene	850	Not Detected	9000	Not Detected
Butane	850	460 J	2000	1100 J
Isopentane	850	13000	2500	40000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	120	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	97	70-130

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*Use these results only. All other data was reported from the 129X dilution analysis

Client Sample ID: VMP-16-13.5-042313

Lab ID#: 1304602A-02A

EPA METHOD TO-15 GC/MS

File Name:	**14050317**	**Date of Collection: 4/23/13 10:37:00 AM**	
Dil. Factor:	**645**	**Date of Analysis: 5/3/13 05:47 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	3200	Not Detected	16000	Not Detected
Freon 114	3200	Not Detected	22000	Not Detected
Chloromethane	13000	Not Detected	27000	Not Detected
Vinyl Chloride	3200	Not Detected	8200	Not Detected
1,3-Butadiene	3200	Not Detected	7100	Not Detected
Bromomethane	3200	Not Detected	12000	Not Detected
Chloroethane	13000	Not Detected	34000	Not Detected
Freon 11	3200	Not Detected	18000	Not Detected
Ethanol	13000	Not Detected	24000	Not Detected
Freon 113	3200	Not Detected	25000	Not Detected
1,1-Dichloroethene	3200	Not Detected	13000	Not Detected
Acetone	13000	Not Detected	31000	Not Detected
2-Propanol	13000	Not Detected	32000	Not Detected
Carbon Disulfide	3200	Not Detected	10000	Not Detected
3-Chloropropene	13000	Not Detected	40000	Not Detected
Methylene Chloride	3200	380 J	11000	1300 J
Methyl tert-butyl ether	3200	Not Detected	12000	Not Detected
trans-1,2-Dichloroethene	3200	Not Detected	13000	Not Detected
Hexane	3200	720 J	11000	2500 J
1,1-Dichloroethane	3200	Not Detected	13000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	13000	Not Detected	38000	Not Detected
cis-1,2-Dichloroethene	3200	Not Detected	13000	Not Detected
Tetrahydrofuran	3200	Not Detected	9500	Not Detected
Chloroform	3200	Not Detected	16000	Not Detected
1,1,1-Trichloroethane	3200	Not Detected	18000	Not Detected
Cyclohexane	3200	28000	11000	97000
Carbon Tetrachloride	3200	Not Detected	20000	Not Detected
* 2,2,4-Trimethylpentane	3200	1800000	15000	8200000
Benzene	3200	4100	10000	13000
1,2-Dichloroethane	3200	Not Detected	13000	Not Detected
Heptane	3200	Not Detected	13000	Not Detected
Trichloroethene	3200	Not Detected	17000	Not Detected
1,2-Dichloropropane	3200	Not Detected	15000	Not Detected
1,4-Dioxane	13000	Not Detected	46000	Not Detected
Bromodichloromethane	3200	Not Detected	22000	Not Detected
cis-1,3-Dichloropropene	3200	Not Detected	15000	Not Detected
4-Methyl-2-pentanone	3200	Not Detected	13000	Not Detected
Toluene	3200	2600 J	12000	9800 J
trans-1,3-Dichloropropene	3200	Not Detected	15000	Not Detected
1,1,2-Trichloroethane	3200	Not Detected	18000	Not Detected
Tetrachloroethene	3200	1500 J	22000	10000 J
2-Hexanone	13000	Not Detected	53000	Not Detected

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Client Sample ID: VMP-16-13.5-042313

Lab ID#: 1304602A-02A

EPA METHOD TO-15 GC/MS

File Name:	**14050317**	**Date of Collection: 4/23/13 10:37:00 AM**	
Dil. Factor:	**645**	**Date of Analysis: 5/3/13 05:47 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	3200	Not Detected	27000	Not Detected
1,2-Dibromoethane (EDB)	3200	Not Detected	25000	Not Detected
Chlorobenzene	3200	Not Detected	15000	Not Detected
Ethyl Benzene	3200	Not Detected	14000	Not Detected
m,p-Xylene	3200	Not Detected	14000	Not Detected
o-Xylene	3200	Not Detected	14000	Not Detected
Styrene	3200	Not Detected	14000	Not Detected
Bromoform	3200	Not Detected	33000	Not Detected
Cumene	3200	Not Detected	16000	Not Detected
1,1,2,2-Tetrachloroethane	3200	Not Detected	22000	Not Detected
Propylbenzene	3200	500 J	16000	2400 J
4-Ethyltoluene	3200	Not Detected	16000	Not Detected
1,3,5-Trimethylbenzene	3200	Not Detected	16000	Not Detected
1,2,4-Trimethylbenzene	3200	Not Detected	16000	Not Detected
1,3-Dichlorobenzene	3200	Not Detected	19000	Not Detected
1,4-Dichlorobenzene	3200	Not Detected	19000	Not Detected
alpha-Chlorotoluene	3200	Not Detected	17000	Not Detected
1,2-Dichlorobenzene	3200	Not Detected	19000	Not Detected
1,2,4-Trichlorobenzene	13000	Not Detected	96000	Not Detected
Hexachlorobutadiene	13000	Not Detected	140000	Not Detected
Butane	13000	80000	31000	190000
Isopentane	13000	860000	38000	2500000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	98	70-130

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*Do not use this data. Use all other data.

Client Sample ID: VMP-16-13.5-042313

Lab ID#: 1304602A-02B

EPA METHOD TO-15 GC/MS

File Name:	**14050311**	**Date of Collection:**	**4/23/13 10:37:00 AM**
Dil. Factor:	**129**	**Date of Analysis:**	**5/3/13 01:47 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	640	Not Detected	3200	Not Detected
Freon 114	640	Not Detected	4500	Not Detected
Chloromethane	2600	Not Detected	5300	Not Detected
Vinyl Chloride	640	Not Detected	1600	Not Detected
1,3-Butadiene	640	Not Detected	1400	Not Detected
Bromomethane	640	Not Detected	2500	Not Detected
Chloroethane	2600	Not Detected	6800	Not Detected
Freon 11	640	Not Detected	3600	Not Detected
Ethanol	2600	Not Detected	4900	Not Detected
Freon 113	640	Not Detected	4900	Not Detected
1,1-Dichloroethene	640	Not Detected	2600	Not Detected
Acetone	2600	Not Detected	6100	Not Detected
2-Propanol	2600	Not Detected	6300	Not Detected
Carbon Disulfide	640	Not Detected	2000	Not Detected
3-Chloropropene	2600	Not Detected	8100	Not Detected
Methylene Chloride	640	75 J	2200	260 J
Methyl tert-butyl ether	640	Not Detected	2300	Not Detected
trans-1,2-Dichloroethene	640	Not Detected	2600	Not Detected
Hexane	640	Not Detected	2300	Not Detected
1,1-Dichloroethane	640	Not Detected	2600	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2600	Not Detected	7600	Not Detected
cis-1,2-Dichloroethene	640	Not Detected	2600	Not Detected
Tetrahydrofuran	640	Not Detected	1900	Not Detected
Chloroform	640	Not Detected	3100	Not Detected
1,1,1-Trichloroethane	640	Not Detected	3500	Not Detected
Cyclohexane	640	30000	2200	100000
Carbon Tetrachloride	640	Not Detected	4000	Not Detected
~~2,2,4-Trimethylpentane~~	~~640~~	~~1600000 E~~	~~3000~~	~~7600000 E~~
Benzene	640	4000	2100	13000
1,2-Dichloroethane	640	Not Detected	2600	Not Detected
Heptane	640	Not Detected	2600	Not Detected
Trichloroethene	640	Not Detected	3500	Not Detected
1,2-Dichloropropane	640	Not Detected	3000	Not Detected
1,4-Dioxane	2600	Not Detected	9300	Not Detected
Bromodichloromethane	640	Not Detected	4300	Not Detected
cis-1,3-Dichloropropene	640	Not Detected	2900	Not Detected
4-Methyl-2-pentanone	640	Not Detected	2600	Not Detected
Toluene	640	2200	2400	8100
trans-1,3-Dichloropropene	640	Not Detected	2900	Not Detected
1,1,2-Trichloroethane	640	Not Detected	3500	Not Detected
Tetrachloroethene	640	Not Detected	4400	Not Detected
2-Hexanone	2600	Not Detected	10000	Not Detected

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Client Sample ID: VMP-16-13.5-042313

Lab ID#: 1304602A-02B

EPA METHOD TO-15 GC/MS

File Name:	**14050311**	**Date of Collection:**	**4/23/13 10:37:00 AM**
Dil. Factor:	**129**	**Date of Analysis:**	**5/3/13 01:47 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	640	Not Detected	5500	Not Detected
1,2-Dibromoethane (EDB)	640	Not Detected	5000	Not Detected
Chlorobenzene	640	Not Detected	3000	Not Detected
Ethyl Benzene	640	250 J	2800	1100 J
m,p-Xylene	640	140 J	2800	600 J
o-Xylene	640	Not Detected	2800	Not Detected
Styrene	640	Not Detected	2700	Not Detected
Bromoform	640	Not Detected	6700	Not Detected
Cumene	640	290 J	3200	1400 J
1,1,2,2-Tetrachloroethane	640	Not Detected	4400	Not Detected
Propylbenzene	640	550 J	3200	2700 J
4-Ethyltoluene	640	Not Detected	3200	Not Detected
1,3,5-Trimethylbenzene	640	Not Detected	3200	Not Detected
1,2,4-Trimethylbenzene	640	Not Detected	3200	Not Detected
1,3-Dichlorobenzene	640	Not Detected	3900	Not Detected
1,4-Dichlorobenzene	640	Not Detected	3900	Not Detected
alpha-Chlorotoluene	640	Not Detected	3300	Not Detected
1,2-Dichlorobenzene	640	Not Detected	3900	Not Detected
1,2,4-Trichlorobenzene	2600	Not Detected	19000	Not Detected
Hexachlorobutadiene	2600	Not Detected	28000	Not Detected
Butane	2600	82000	6100	200000
~~Isopentane~~	~~2600~~	~~830000 E~~	~~7600~~	~~2400000 E~~

J = Estimated value.
E = Exceeds instrument calibration range.
Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	126	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VMP-16-19-042313

Lab ID#: I304602A-03A

EPA METHOD TO-15 GC/MS

File Name:	**14050318**	**Date of Collection:**	**4/23/13 11:30:00 AM**
Dil. Factor:	**605**	**Date of Analysis:**	**5/3/13 06:14 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	3000	Not Detected	15000	Not Detected
Freon 114	3000	Not Detected	21000	Not Detected
Chloromethane	12000	Not Detected	25000	Not Detected
Vinyl Chloride	3000	Not Detected	7700	Not Detected
1,3-Butadiene	3000	Not Detected	6700	Not Detected
Bromomethane	3000	Not Detected	12000	Not Detected
Chloroethane	12000	Not Detected	32000	Not Detected
Freon 11	3000	Not Detected	17000	Not Detected
Ethanol	12000	Not Detected	23000	Not Detected
Freon 113	3000	Not Detected	23000	Not Detected
1,1-Dichloroethene	3000	Not Detected	12000	Not Detected
Acetone	12000	Not Detected	29000	Not Detected
2-Propanol	12000	Not Detected	30000	Not Detected
Carbon Disulfide	3000	Not Detected	9400	Not Detected
3-Chloropropene	12000	Not Detected	38000	Not Detected
Methylene Chloride	3000	290 J	10000	1000 J
Methyl tert-butyl ether	3000	810 J	11000	2900 J
trans-1,2-Dichloroethene	3000	Not Detected	12000	Not Detected
Hexane	3000	1100 J	11000	4000 J
1,1-Dichloroethane	3000	Not Detected	12000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	12000	Not Detected	36000	Not Detected
cis-1,2-Dichloroethene	3000	Not Detected	12000	Not Detected
Tetrahydrofuran	3000	Not Detected	8900	Not Detected
Chloroform	3000	Not Detected	15000	Not Detected
1,1,1-Trichloroethane	3000	Not Detected	16000	Not Detected
Cyclohexane	3000	48000	10000	160000
Carbon Tetrachloride	3000	Not Detected	19000	Not Detected
* 2,2,4-Trimethylpentane	3000	1800000	14000	8600000
Benzene	3000	3800	9700	12000
1,2-Dichloroethane	3000	Not Detected	12000	Not Detected
Heptane	3000	Not Detected	12000	Not Detected
Trichloroethene	3000	Not Detected	16000	Not Detected
1,2-Dichloropropane	3000	Not Detected	14000	Not Detected
1,4-Dioxane	12000	Not Detected	44000	Not Detected
Bromodichloromethane	3000	Not Detected	20000	Not Detected
cis-1,3-Dichloropropene	3000	Not Detected	14000	Not Detected
4-Methyl-2-pentanone	3000	Not Detected	12000	Not Detected
Toluene	3000	2300 J	11000	8700 J
trans-1,3-Dichloropropene	3000	Not Detected	14000	Not Detected
1,1,2-Trichloroethane	3000	Not Detected	16000	Not Detected
Tetrachloroethene	3000	910 J	20000	6200 J
2-Hexanone	12000	Not Detected	50000	Not Detected

Client Sample ID: VMP-I6-19-042313

Lab ID#: 1304602A-03A

EPA METHOD TO-15 GC/MS

File Name:	**14050318**	**Date of Collection:**	**4/23/13 11:30:00 AM**
Dil. Factor:	**605**	**Date of Analysis:**	**5/3/13 06:14 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	3000	Not Detected	26000	Not Detected
1,2-Dibromoethane (EDB)	3000	Not Detected	23000	Not Detected
Chlorobenzene	3000	Not Detected	14000	Not Detected
Ethyl Benzene	3000	15000	13000	65000
m,p-Xylene	3000	4800	13000	21000
o-Xylene	3000	Not Detected	13000	Not Detected
Styrene	3000	Not Detected	13000	Not Detected
Bromoform	3000	Not Detected	31000	Not Detected
Cumene	3000	4900	15000	24000
1,1,2,2-Tetrachloroethane	3000	Not Detected	21000	Not Detected
Propylbenzene	3000	11000	15000	52000
4-Ethyltoluene	3000	2200 J	15000	11000 J
1,3,5-Trimethylbenzene	3000	1100 J	15000	5200 J
1,2,4-Trimethylbenzene	3000	4200	15000	20000
1,3-Dichlorobenzene	3000	Not Detected	18000	Not Detected
1,4-Dichlorobenzene	3000	Not Detected	18000	Not Detected
alpha-Chlorotoluene	3000	Not Detected	16000	Not Detected
1,2-Dichlorobenzene	3000	Not Detected	18000	Not Detected
1,2,4-Trichlorobenzene	12000	Not Detected	90000	Not Detected
Hexachlorobutadiene	12000	Not Detected	130000	Not Detected
Butane	12000	100000	29000	240000
Isopentane	12000	1100000	36000	3400000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	115	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VMP-I6-19-042313

Lab ID#: 1304602A-03B

EPA METHOD TO-15 GC/MS

File Name:	**14050316**	**Date of Collection: 4/23/13 11:30:00 AM**	
Dil. Factor:	**242**	**Date of Analysis: 5/3/13 05:13 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1200	Not Detected	6000	Not Detected
Freon 114	1200	Not Detected	8400	Not Detected
Chloromethane	4800	Not Detected	10000	Not Detected
Vinyl Chloride	1200	Not Detected	3100	Not Detected
1,3-Butadiene	1200	Not Detected	2700	Not Detected
Bromomethane	1200	Not Detected	4700	Not Detected
Chloroethane	4800	Not Detected	13000	Not Detected
Freon 11	1200	Not Detected	6800	Not Detected
Ethanol	4800	Not Detected	9100	Not Detected
Freon 113	1200	Not Detected	9300	Not Detected
1,1-Dichloroethene	1200	Not Detected	4800	Not Detected
Acetone	4800	Not Detected	11000	Not Detected
2-Propanol	4800	Not Detected	12000	Not Detected
Carbon Disulfide	1200	Not Detected	3800	Not Detected
3-Chloropropene	4800	Not Detected	15000	Not Detected
Methylene Chloride	1200	200 J	4200	690 J
Methyl tert-butyl ether	1200	650 J	4400	2300 J
trans-1,2-Dichloroethene	1200	Not Detected	4800	Not Detected
Hexane	1200	1100 J	4300	4000 J
1,1-Dichloroethane	1200	Not Detected	4900	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4800	Not Detected	14000	Not Detected
cis-1,2-Dichloroethene	1200	Not Detected	4800	Not Detected
Tetrahydrofuran	1200	Not Detected	3600	Not Detected
Chloroform	1200	Not Detected	5900	Not Detected
1,1,1-Trichloroethane	1200	Not Detected	6600	Not Detected
Cyclohexane	1200	38000	4200	130000
Carbon Tetrachloride	1200	Not Detected	7600	Not Detected
~~2,2,4-Trimethylpentane~~	~~1200~~	~~1500000 E~~	~~5600~~	~~6900000 E~~
Benzene	1200	2900	3900	9400
1,2-Dichloroethane	1200	Not Detected	4900	Not Detected
Heptane	1200	Not Detected	5000	Not Detected
Trichloroethene	1200	Not Detected	6500	Not Detected
1,2-Dichloropropane	1200	Not Detected	5600	Not Detected
1,4-Dioxane	4800	Not Detected	17000	Not Detected
Bromodichloromethane	1200	Not Detected	8100	Not Detected
cis-1,3-Dichloropropene	1200	Not Detected	5500	Not Detected
4-Methyl-2-pentanone	1200	Not Detected	5000	Not Detected
Toluene	1200	1100 J	4600	4200 J
trans-1,3-Dichloropropene	1200	Not Detected	5500	Not Detected
1,1,2-Trichloroethane	1200	Not Detected	6600	Not Detected
Tetrachloroethene	1200	1100 J	8200	7200 J
2-Hexanone	4800	Not Detected	20000	Not Detected

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Client Sample ID: VMP-16-19-042313
Lab ID#: 1304602A-03B
EPA METHOD TO-15 GC/MS

File Name:	**14050316**	**Date of Collection:**	**4/23/13 11:30:00 AM**
Dil. Factor:	**242**	**Date of Analysis:**	**5/3/13 05:13 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1200	Not Detected	10000	Not Detected
1,2-Dibromoethane (EDB)	1200	Not Detected	9300	Not Detected
Chlorobenzene	1200	Not Detected	5600	Not Detected
Ethyl Benzene	1200	14000	5200	61000
m,p-Xylene	1200	4700	5200	20000
o-Xylene	1200	150 J	5200	660 J
Styrene	1200	Not Detected	5200	Not Detected
Bromoform	1200	Not Detected	12000	Not Detected
Cumene	1200	4800	5900	24000
1,1,2,2-Tetrachloroethane	1200	Not Detected	8300	Not Detected
Propylbenzene	1200	9800	5900	48000
4-Ethyltoluene	1200	2200	5900	11000
1,3,5-Trimethylbenzene	1200	1000 J	5900	4900 J
1,2,4-Trimethylbenzene	1200	4000	5900	20000
1,3-Dichlorobenzene	1200	Not Detected	7300	Not Detected
1,4-Dichlorobenzene	1200	Not Detected	7300	Not Detected
alpha-Chlorotoluene	1200	Not Detected	6300	Not Detected
1,2-Dichlorobenzene	1200	Not Detected	7300	Not Detected
1,2,4-Trichlorobenzene	4800	Not Detected	36000	Not Detected
Hexachlorobutadiene	4800	Not Detected	52000	Not Detected
Butane	4800	82000	12000	200000
Isopentane	4800	880000	14000	2600000

J = Estimated value.
E = Exceeds instrument calibration range.
Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	121	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VMP-16-31-042313

Lab ID#: 1304602A-04A

EPA METHOD TO-15 GC/MS

File Name:	**14050319**	**Date of Collection:**	**4/23/13 12:17:00 PM**
Dil. Factor:	**632**	**Date of Analysis:**	**5/3/13 06:46 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	3200	Not Detected	16000	Not Detected
Freon 114	3200	Not Detected	22000	Not Detected
Chloromethane	13000	Not Detected	26000	Not Detected
Vinyl Chloride	3200	Not Detected	8100	Not Detected
1,3-Butadiene	3200	Not Detected	7000	Not Detected
Bromomethane	3200	Not Detected	12000	Not Detected
Chloroethane	13000	Not Detected	33000	Not Detected
Freon 11	3200	Not Detected	18000	Not Detected
Ethanol	13000	Not Detected	24000	Not Detected
Freon 113	3200	Not Detected	24000	Not Detected
1,1-Dichloroethene	3200	Not Detected	12000	Not Detected
Acetone	13000	Not Detected	30000	Not Detected
2-Propanol	13000	Not Detected	31000	Not Detected
Carbon Disulfide	3200	Not Detected	9800	Not Detected
3-Chloropropene	13000	Not Detected	40000	Not Detected
Methylene Chloride	3200	300 J	11000	1000 J
Methyl tert-butyl ether	3200	950 J	11000	3400 J
trans-1,2-Dichloroethene	3200	Not Detected	12000	Not Detected
Hexane	3200	1600 J	11000	5600 J
1,1-Dichloroethane	3200	Not Detected	13000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	13000	Not Detected	37000	Not Detected
cis-1,2-Dichloroethene	3200	Not Detected	12000	Not Detected
Tetrahydrofuran	3200	Not Detected	9300	Not Detected
Chloroform	3200	Not Detected	15000	Not Detected
1,1,1-Trichloroethane	3200	Not Detected	17000	Not Detected
Cyclohexane	3200	72000	11000	250000
Carbon Tetrachloride	3200	Not Detected	20000	Not Detected
2,2,4-Trimethylpentane	3200	2500000	15000	12000000
Benzene	3200	4700	10000	15000
1,2-Dichloroethane	3200	Not Detected	13000	Not Detected
Heptane	3200	Not Detected	13000	Not Detected
Trichloroethene	3200	Not Detected	17000	Not Detected
1,2-Dichloropropane	3200	Not Detected	15000	Not Detected
1,4-Dioxane	13000	Not Detected	46000	Not Detected
Bromodichloromethane	3200	Not Detected	21000	Not Detected
cis-1,3-Dichloropropene	3200	Not Detected	14000	Not Detected
4-Methyl-2-pentanone	3200	Not Detected	13000	Not Detected
Toluene	3200	2500 J	12000	9500 J
trans-1,3-Dichloropropene	3200	Not Detected	14000	Not Detected
1,1,2-Trichloroethane	3200	Not Detected	17000	Not Detected
Tetrachloroethene	3200	970 J	21000	6600 J
2-Hexanone	13000	Not Detected	52000	Not Detected

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Client Sample ID: VMP-16-31-042313

Lab ID#: 1304602A-04A

EPA METHOD TO-15 GC/MS

File Name:	**14050319**	**Date of Collection: 4/23/13 12:17:00 PM**	
Dil. Factor:	**632**	**Date of Analysis: 5/3/13 06:46 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	3200	Not Detected	27000	Not Detected
1,2-Dibromoethane (EDB)	3200	Not Detected	24000	Not Detected
Chlorobenzene	3200	Not Detected	14000	Not Detected
Ethyl Benzene	3200	14000	14000	60000
m,p-Xylene	3200	1600 J	14000	6900 J
o-Xylene	3200	Not Detected	14000	Not Detected
Styrene	3200	Not Detected	13000	Not Detected
Bromoform	3200	Not Detected	33000	Not Detected
Cumene	3200	8200	16000	40000
1,1,2,2-Tetrachloroethane	3200	Not Detected	22000	Not Detected
Propylbenzene	3200	17000	16000	85000
4-Ethyltoluene	3200	1000 J	16000	5200 J
1,3,5-Trimethylbenzene	3200	Not Detected	16000	Not Detected
1,2,4-Trimethylbenzene	3200	2000 J	16000	9900 J
1,3-Dichlorobenzene	3200	Not Detected	19000	Not Detected
1,4-Dichlorobenzene	3200	Not Detected	19000	Not Detected
alpha-Chlorotoluene	3200	Not Detected	16000	Not Detected
1,2-Dichlorobenzene	3200	Not Detected	19000	Not Detected
1,2,4-Trichlorobenzene	13000	Not Detected	94000	Not Detected
Hexachlorobutadiene	13000	Not Detected	130000	Not Detected
Butane	13000	120000	30000	290000
Isopentane	13000	1400000	37000	4200000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	120	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VMP-20-39.5-041913

Lab ID#: 1304602A-05A

EPA METHOD TO-15 GC/MS

File Name:	**14050313**	**Date of Collection: 4/19/13 12:06:00 PM**	
Dil. Factor:	**32.9**	**Date of Analysis: 5/3/13 03:11 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	160	Not Detected	810	Not Detected
Freon 114	160	Not Detected	1200	Not Detected
Chloromethane	660	Not Detected	1400	Not Detected
Vinyl Chloride	160	Not Detected	420	Not Detected
1,3-Butadiene	160	Not Detected	360	Not Detected
Bromomethane	160	Not Detected	640	Not Detected
Chloroethane	660	Not Detected	1700	Not Detected
Freon 11	160	Not Detected	920	Not Detected
Ethanol	660	Not Detected	1200	Not Detected
Freon 113	160	Not Detected	1300	Not Detected
1,1-Dichloroethene	160	Not Detected	650	Not Detected
Acetone	660	Not Detected	1600	Not Detected
2-Propanol	660	54 J	1600	130 J
Carbon Disulfide	160	Not Detected	510	Not Detected
3-Chloropropene	660	Not Detected	2000	Not Detected
Methylene Chloride	160	17 J	570	60 J
Methyl tert-butyl ether	160	Not Detected	590	Not Detected
trans-1,2-Dichloroethene	160	Not Detected	650	Not Detected
Hexane	160	Not Detected	580	Not Detected
1,1-Dichloroethane	160	Not Detected	660	Not Detected
2-Butanone (Methyl Ethyl Ketone)	660	Not Detected	1900	Not Detected
cis-1,2-Dichloroethene	160	Not Detected	650	Not Detected
Tetrahydrofuran	160	Not Detected	480	Not Detected
Chloroform	160	Not Detected	800	Not Detected
1,1,1-Trichloroethane	160	Not Detected	900	Not Detected
Cyclohexane	160	140 J	570	470 J
Carbon Tetrachloride	160	Not Detected	1000	Not Detected
2,2,4-Trimethylpentane	160	82000	770	380000
Benzene	160	57 J	520	180 J
1,2-Dichloroethane	160	Not Detected	660	Not Detected
Heptane	160	Not Detected	670	Not Detected
Trichloroethene	160	Not Detected	880	Not Detected
1,2-Dichloropropane	160	Not Detected	760	Not Detected
1,4-Dioxane	660	Not Detected	2400	Not Detected
Bromodichloromethane	160	Not Detected	1100	Not Detected
cis-1,3-Dichloropropene	160	Not Detected	750	Not Detected
4-Methyl-2-pentanone	160	Not Detected	670	Not Detected
Toluene	160	300	620	1100
trans-1,3-Dichloropropene	160	Not Detected	750	Not Detected
1,1,2-Trichloroethane	160	Not Detected	900	Not Detected
Tetrachloroethene	160	Not Detected	1100	Not Detected
2-Hexanone	660	Not Detected	2700	Not Detected

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Client Sample ID: VMP-20-39.5-041913

Lab ID#: 1304602A-05A

EPA METHOD TO-15 GC/MS

File Name:	**14050313**	**Date of Collection:**	**4/19/13 12:06:00 PM**
Dil. Factor:	**32.9**	**Date of Analysis:**	**5/3/13 03:11 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	160	Not Detected	1400	Not Detected
1,2-Dibromoethane (EDB)	160	Not Detected	1300	Not Detected
Chlorobenzene	160	Not Detected	760	Not Detected
Ethyl Benzene	160	Not Detected	710	Not Detected
m,p-Xylene	160	Not Detected	710	Not Detected
o-Xylene	160	Not Detected	710	Not Detected
Styrene	160	Not Detected	700	Not Detected
Bromoform	160	Not Detected	1700	Not Detected
Cumene	160	Not Detected	810	Not Detected
1,1,2,2-Tetrachloroethane	160	Not Detected	1100	Not Detected
Propylbenzene	160	Not Detected	810	Not Detected
4-Ethyltoluene	160	Not Detected	810	Not Detected
1,3,5-Trimethylbenzene	160	Not Detected	810	Not Detected
1,2,4-Trimethylbenzene	160	Not Detected	810	Not Detected
1,3-Dichlorobenzene	160	Not Detected	990	Not Detected
1,4-Dichlorobenzene	160	Not Detected	990	Not Detected
alpha-Chlorotoluene	160	Not Detected	850	Not Detected
1,2-Dichlorobenzene	160	Not Detected	990	Not Detected
1,2,4-Trichlorobenzene	660	Not Detected	4900	Not Detected
Hexachlorobutadiene	660	Not Detected	7000	Not Detected
Butane	660	440 J	1600	1000 J
Isopentane	660	2700	1900	7900

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: Lab Blank
Lab ID#: 1304602A-06A
EPA METHOD TO-15 GC/MS

File Name:	14050306a	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/3/13 11:17 AM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 114	5.0	Not Detected	35	Not Detected
Chloromethane	20	Not Detected	41	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,3-Butadiene	5.0	Not Detected	11	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	20	Not Detected	53	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Ethanol	20	Not Detected	38	Not Detected
Freon 113	5.0	Not Detected	38	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
Acetone	20	Not Detected	48	Not Detected
2-Propanol	20	Not Detected	49	Not Detected
Carbon Disulfide	5.0	Not Detected	16	Not Detected
3-Chloropropene	20	Not Detected	63	Not Detected
Methylene Chloride	5.0	0.60 J	17	2.1 J
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Hexane	5.0	Not Detected	18	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
2-Butanone (Methyl Ethyl Ketone)	20	Not Detected	59	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Tetrahydrofuran	5.0	Not Detected	15	Not Detected
Chloroform	5.0	Not Detected	24	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	27	Not Detected
Cyclohexane	5.0	Not Detected	17	Not Detected
Carbon Tetrachloride	5.0	Not Detected	31	Not Detected
2,2,4-Trimethylpentane	5.0	Not Detected	23	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Heptane	5.0	Not Detected	20	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,4-Dioxane	20	Not Detected	72	Not Detected
Bromodichloromethane	5.0	Not Detected	34	Not Detected
cis-1,3-Dichloropropene	5.0	Not Detected	23	Not Detected
4-Methyl-2-pentanone	5.0	Not Detected	20	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
trans-1,3-Dichloropropene	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
2-Hexanone	20	Not Detected	82	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1304602A-06A

EPA METHOD TO-15 GC/MS

File Name:	**14050306a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/3/13 11:17 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	5.0	Not Detected	42	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	38	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Styrene	5.0	Not Detected	21	Not Detected
Bromoform	5.0	Not Detected	52	Not Detected
Cumene	5.0	Not Detected	24	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	34	Not Detected
Propylbenzene	5.0	Not Detected	24	Not Detected
4-Ethyltoluene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
alpha-Chlorotoluene	5.0	Not Detected	26	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2,4-Trichlorobenzene	20	Not Detected	150	Not Detected
Hexachlorobutadiene	20	Not Detected	210	Not Detected
Butane	20	Not Detected	48	Not Detected
Isopentane	20	Not Detected	59	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: CCV
Lab ID#: 1304602A-07A
EPA METHOD TO-15 GC/MS

File Name:	**14050302**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/3/13 09:08 AM**	

Compound	%Recovery
Freon 12	108
Freon 114	109
Chloromethane	103
Vinyl Chloride	87
1,3-Butadiene	83
Bromomethane	98
Chloroethane	104
Freon 11	108
Ethanol	106
Freon 113	101
1,1-Dichloroethene	110
Acetone	110
2-Propanol	109
Carbon Disulfide	101
3-Chloropropene	105
Methylene Chloride	108
Methyl tert-butyl ether	110
trans-1,2-Dichloroethene	109
Hexane	111
1,1-Dichloroethane	110
2-Butanone (Methyl Ethyl Ketone)	111
cis-1,2-Dichloroethene	105
Tetrahydrofuran	116
Chloroform	108
1,1,1-Trichloroethane	107
Cyclohexane	112
Carbon Tetrachloride	108
2,2,4-Trimethylpentane	112
Benzene	113
1,2-Dichloroethane	110
Heptane	118
Trichloroethene	108
1,2-Dichloropropane	111
1,4-Dioxane	112
Bromodichloromethane	108
cis-1,3-Dichloropropene	108
4-Methyl-2-pentanone	119
Toluene	108
trans-1,3-Dichloropropene	108
1,1,2-Trichloroethane	109
Tetrachloroethene	109
2-Hexanone	117

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Client Sample ID: CCV
Lab ID#: 1304602A-07A
EPA METHOD TO-15 GC/MS

File Name:	**14050302**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/3/13 09:08 AM**	

Compound	%Recovery
Dibromochloromethane	111
1,2-Dibromoethane (EDB)	111
Chlorobenzene	107
Ethyl Benzene	112
m,p-Xylene	110
o-Xylene	114
Styrene	119
Bromoform	113
Cumene	114
1,1,2,2-Tetrachloroethane	108
Propylbenzene	111
4-Ethyltoluene	112
1,3,5-Trimethylbenzene	111
1,2,4-Trimethylbenzene	108
1,3-Dichlorobenzene	104
1,4-Dichlorobenzene	108
alpha-Chlorotoluene	119
1,2-Dichlorobenzene	107
1,2,4-Trichlorobenzene	92
Hexachlorobutadiene	95
Butane	98
Isopentane	106

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: LCS
Lab ID#: 1304602A-08A
EPA METHOD TO-15 GC/MS

File Name:	**14050303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/3/13 09:31 AM**	

Compound	%Recovery
Freon 12	103
Freon 114	102
Chloromethane	103
Vinyl Chloride	81
1,3-Butadiene	74
Bromomethane	104
Chloroethane	99
Freon 11	103
Ethanol	109
Freon 113	100
1,1-Dichloroethene	112
Acetone	102
2-Propanol	103
Carbon Disulfide	118
3-Chloropropene	108
Methylene Chloride	101
Methyl tert-butyl ether	103
trans-1,2-Dichloroethene	115
Hexane	103
1,1-Dichloroethane	104
2-Butanone (Methyl Ethyl Ketone)	106
cis-1,2-Dichloroethene	101
Tetrahydrofuran	100
Chloroform	103
1,1,1-Trichloroethane	104
Cyclohexane	105
Carbon Tetrachloride	102
2,2,4-Trimethylpentane	104
Benzene	106
1,2-Dichloroethane	102
Heptane	106
Trichloroethene	102
1,2-Dichloropropane	103
1,4-Dioxane	101
Bromodichloromethane	101
cis-1,3-Dichloropropene	101
4-Methyl-2-pentanone	112
Toluene	99
trans-1,3-Dichloropropene	100
1,1,2-Trichloroethane	102
Tetrachloroethene	102
2-Hexanone	106

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Client Sample ID: LCS
Lab ID#: 1304602A-08A
EPA METHOD TO-15 GC/MS

File Name:	**14050303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/3/13 09:31 AM**	

Compound	%Recovery
Dibromochloromethane	102
1,2-Dibromoethane (EDB)	104
Chlorobenzene	101
Ethyl Benzene	103
m,p-Xylene	104
o-Xylene	105
Styrene	108
Bromoform	103
Cumene	108
1,1,2,2-Tetrachloroethane	104
Propylbenzene	106
4-Ethyltoluene	104
1,3,5-Trimethylbenzene	104
1,2,4-Trimethylbenzene	102
1,3-Dichlorobenzene	101
1,4-Dichlorobenzene	99
alpha-Chlorotoluene	108
1,2-Dichlorobenzene	102
1,2,4-Trichlorobenzene	99
Hexachlorobutadiene	95
Butane	86
Isopentane	100

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: LCSD
Lab ID#: 1304602A-08AA
EPA METHOD TO-15 GC/MS

File Name:	**14050304**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/3/13 10:01 AM**	

Compound	%Recovery
Freon 12	100
Freon 114	99
Chloromethane	100
Vinyl Chloride	81
1,3-Butadiene	74
Bromomethane	102
Chloroethane	98
Freon 11	99
Ethanol	105
Freon 113	93
1,1-Dichloroethene	104
Acetone	100
2-Propanol	99
Carbon Disulfide	115
3-Chloropropene	107
Methylene Chloride	99
Methyl tert-butyl ether	101
trans-1,2-Dichloroethene	114
Hexane	102
1,1-Dichloroethane	101
2-Butanone (Methyl Ethyl Ketone)	102
cis-1,2-Dichloroethene	98
Tetrahydrofuran	99
Chloroform	101
1,1,1-Trichloroethane	101
Cyclohexane	103
Carbon Tetrachloride	99
2,2,4-Trimethylpentane	101
Benzene	105
1,2-Dichloroethane	101
Heptane	106
Trichloroethene	101
1,2-Dichloropropane	102
1,4-Dioxane	100
Bromodichloromethane	100
cis-1,3-Dichloropropene	98
4-Methyl-2-pentanone	106
Toluene	99
trans-1,3-Dichloropropene	97
1,1,2-Trichloroethane	102
Tetrachloroethene	100
2-Hexanone	106

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Client Sample ID: LCSD
Lab ID#: 1304602A-08AA
EPA METHOD TO-15 GC/MS

File Name:	**14050304**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/3/13 10:01 AM**	

Compound	%Recovery
Dibromochloromethane	101
1,2-Dibromoethane (EDB)	103
Chlorobenzene	100
Ethyl Benzene	103
m,p-Xylene	104
o-Xylene	104
Styrene	107
Bromoform	100
Cumene	107
1,1,2,2-Tetrachloroethane	102
Propylbenzene	104
4-Ethyltoluene	102
1,3,5-Trimethylbenzene	103
1,2,4-Trimethylbenzene	100
1,3-Dichlorobenzene	100
1,4-Dichlorobenzene	100
alpha-Chlorotoluene	109
1,2-Dichlorobenzene	101
1,2,4-Trichlorobenzene	102
Hexachlorobutadiene	97
Butane	87
Isopentane	97

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	101	70-130

1304602

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Moosheglan
PO #:
INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0
SAP #: 3 4 0 0 5 ·
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 04/25/13
PAGE: 1 of 1

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS, Street and City: 900 SOUTH CENTRAL AVE – ROXANA
State: IL
GLOBAL ID NO:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST LOUIS, MO 63110
PROJ DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO.: 314-743-4179
E-MAIL: Elizabeth_Kunkel@URSCorp.com
CONSULTANT PROJECT NAME#: Roxana Soil Vapor
INVOICE TO: Air Toxics, LTD 180 Blue Ravine Road Suite B, Folsom, CA 95630-4719
B. Lehan, L. Rathnow
TELEPHONE: 314-429-0100
FAX: 314-429-0462
EDD To (Contact E-MAIL): Robert.Moosheglan@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND
☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY
DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)
☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
01A	VMP-16-5-042313	04/23/13	0915-0945	34632	-29.5	-8			X	X	
02A	VMP-16-13.5-042313	04/23/13	1007-1037	6024	-30	-8			X	X	
03A	VMP-16-19-042313	04/23/13	1100-1130	31768	-29.5	-7			X	X	
04A	VMP-16-31-042313	04/23/13	1147-1217	37312	-30	-7.5			X	X	
05A	VMP-20-39.5-041913	04/19/13	1135-1206	35550	-30	-8.5			X	X	

Turn Around Time: ☑ Normal ☐ Rush Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N2 He

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

7 coolers
Custody Seal Intact? (Y) N None Temp

Relinquished by (Signature)	Received by (Signature)	Date	Time
	FEDEX	4/25/13	1730
	BL Duffelen ATL	4/26/13	1000

05/2/05 Revision

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5/10/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1304602B

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 4/26/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1304602B

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	04/26/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/10/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-16-5-042313	Modified ASTM D-1946	6.3 "Hg	14.8 psi
02A	VMP-16-13.5-042313	Modified ASTM D-1946	6.3 "Hg	15.2 psi
03A	VMP-16-19-042313	Modified ASTM D-1946	4.9 "Hg	15.1 psi
04A	VMP-16-31-042313	Modified ASTM D-1946	6.1 "Hg	14.9 psi
05A	VMP-20-39.5-041913	Modified ASTM D-1946	7.3 "Hg	14.5 psi
06A	Lab Blank	Modified ASTM D-1946	NA	NA
06B	Lab Blank	Modified ASTM D-1946	NA	NA
07A	LCS	Modified ASTM D-1946	NA	NA
07AA	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 05/10/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD. SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified ASTM D-1946
URS Corporation
Workorder# 1304602B

Five 1 Liter Summa Canister samples were received on April 26, 2013. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane and fixed gases in air using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Since Nitrogen is used to pressurize samples, the reported Nitrogen values are calculated by adding all the sample components and subtracting from 100%.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*ASTM D-1946*	*ATL Modifications*
Calibration	A single point calibration is performed using a reference standard elosely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Referenee Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% aceuraey.
Sample Injection Volume	Components whose concentrations are in exeess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

The reporting limit for Nitrogen was raised from 0.10% to 0.50%.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-16-5-042313

Lab ID#: 1304602B-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	13
Nitrogen	1.3	77
Methane	0.00025	0.00038
Carbon Dioxide	0.025	10
Helium	0.13	0.24

Client Sample ID: VMP-16-13.5-042313

Lab ID#: 1304602B-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.26	1.5
Nitrogen	1.3	64
Methane	0.00026	20
Carbon Dioxide	0.026	14
Ethane	0.0026	0.00056 J

Client Sample ID: VMP-16-19-042313

Lab ID#: 1304602B-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.24	1.2
Nitrogen	1.2	60
Methane	0.00024	23
Carbon Dioxide	0.024	15
Ethane	0.0024	0.00054 J

Client Sample ID: VMP-16-31-042313

Lab ID#: 1304602B-04A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	1.5
Nitrogen	1.3	56

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-16-31-042313

Lab ID#: 1304602B-04A

Methane	0.00025	26
Carbon Dioxide	0.025	15
Ethane	0.0025	0.00063 J

Client Sample ID: VMP-20-39.5-041913

Lab ID#: 1304602B-05A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.26	2.3
Nitrogen	1.3	87
Methane	0.00026	0.014
Carbon Dioxide	0.026	11

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Client Sample ID: VMP-16-5-042313

Lab ID#: 1304602B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050121**	**Date of Collection:**	**4/23/13 9:45:00 AM**
Dil. Factor:	**2.54**	**Date of Analysis:**	**5/1/13 07:04 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	13
Nitrogen	1.3	77
Carbon Monoxide	0.025	Not Detected
Methane	0.00025	0.00038
Carbon Dioxide	0.025	10
Ethane	0.0025	Not Detected
Ethene	0.0025	Not Detected
Helium	0.13	0.24

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-16-13.5-042313

Lab ID#: 1304602B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050122**	**Date of Collection:**	**4/23/13 10:37:00 AM**
Dil. Factor:	**2.58**	**Date of Analysis:**	**5/1/13 07:31 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.26	1.5
Nitrogen	1.3	64
Carbon Monoxide	0.026	Not Detected
Methane	0.00026	20
Carbon Dioxide	0.026	14
Ethane	0.0026	0.00056 J
Ethene	0.0026	Not Detected
Helium	0.13	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-16-19-042313

Lab ID#: 1304602B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050123**	**Date of Collection:**	**4/23/13 11:30:00 AM**
Dil. Factor:	**2.42**	**Date of Analysis:**	**5/1/13 07:54 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.24	1.2
Nitrogen	1.2	60
Carbon Monoxide	0.024	Not Detected
Methane	0.00024	23
Carbon Dioxide	0.024	15
Ethane	0.0024	0.00054 J
Ethene	0.0024	Not Detected
Helium	0.12	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-16-31-042313

Lab ID#: 1304602B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050124**	**Date of Collection:**	**4/23/13 12:17:00 PM**
Dil. Factor:	**2.53**	**Date of Analysis:**	**5/1/13 08:23 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	1.5
Nitrogen	1.3	56
Carbon Monoxide	0.025	Not Detected
Methane	0.00025	26
Carbon Dioxide	0.025	15
Ethane	0.0025	0.00063 J
Ethene	0.0025	Not Detected
Helium	0.13	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-20-39.5-041913

Lab ID#: 1304602B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050126**	**Date of Collection:**	**4/19/13 12:06:00 PM**
Dil. Factor:	**2.63**	**Date of Analysis:**	**5/1/13 09:14 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.26	2.3
Nitrogen	1.3	87
Carbon Monoxide	0.026	Not Detected
Methane	0.00026	0.014
Carbon Dioxide	0.026	11
Ethane	0.0026	Not Detected
Ethene	0.0026	Not Detected
Helium	0.13	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: Lab Blank

Lab ID#: 1304602B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050105a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/1/13 11:18 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	0.012 J
Nitrogen	0.50	0.060 J
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected
Ethane	0.0010	Not Detected
Ethene	0.0010	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

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Client Sample ID: Lab Blank

Lab ID#: 1304602B-06B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050104ca**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/1/13 10:39 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.050	0.014 J

J = Estimated value.

Container Type: NA - Not Applicable

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Client Sample ID: LCS

Lab ID#: 1304602B-07A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/1/13 09:37 AM**	

Compound	%Recovery
Oxygen	104
Nitrogen	100
Carbon Monoxide	100
Methane	99
Carbon Dioxide	101
Ethane	98
Ethene	98
Helium	99

Container Type: NA - Not Applicable

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Client Sample ID: LCSD

Lab ID#: 1304602B-07AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050128**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/1/13 09:59 PM**	

Compound	%Recovery
Oxygen	104
Nitrogen	101
Carbon Monoxide	100
Methane	100
Carbon Dioxide	101
Ethane	99
Ethene	99
Helium	99

Container Type: NA - Not Applicable

1304602

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian

INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0 ☐ CHECK IF NO INCIDENT # APPLIES

DATE: 04/25/13

PAGE: 1 of 1

PO #:

SAP #: 3 4 0 0 6 -

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE -- ROXANA

State: IL

GLOBAL ID NO:

ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST. LOUIS, MO 63110

PROJ DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis

PHONE NO: 314-743-4179

E-MAIL: Elizabeth_Kunkel@URSCorp.com

CONSULTANT PROJECT NAME: Roxana Soil Vapor

LABORATORY ADDRESS: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719

B. Lehan, L. Rathnow

TELEPHONE: 314-429-0100

FAX: 314-429-0462

Bill To Contact E-MAIL: Robert.Mooshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY):

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
01A	VMP-16-5-042313	04/23/13	0915-0945	34632	-29.5	-8			X	X	
02A	VMP-16-13.5-042313	04/23/13	1007-1037	8024	-30	-8			X	X	
03A	VMP-16-19-042313	04/23/13	1100-1130	31768	-29.5	-7			X	X	
04A	VMP-16-31-042313	04/23/13	1147-1217	37312	-30	-7.5			X	X	
05A	VMP-20-39.5-041913	04/19/13	1138-1206	35550	-30	-8.5			X	X	

Turn Around Time:
☑ Normal
☐ Rush
Specify

Lab Use Only
Pressurized By:
Date:
Pressurization Gas: N_2 He

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

7 day

Custody Seal Intact?
Y N None Temp____

4/25/13

Relinquished by (Signature)	Received by: (Signature)	Date	Time
	FEDEX	4/25/13	1730
Relinquished by (Signature)	Received by: (Signature)	Date	Time
	4/26/13 1000		
Relinquished by (Signature)	Received by: (Signature)	Date	Time

05/2/08 Revision

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5/8/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1304602A

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 4/26/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

Reviewed on
6/12/2013

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WORK ORDER #: 1304602A

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	04/26/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/08/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-16-5-042313	Modified TO-15	6.3 "Hg	14.8 psi
02A	VMP-16-13.5-042313	Modified TO-15	6.3 "Hg	15.2 psi
02B	VMP-16-13.5-042313	Modified TO-15	6.3 "Hg	15.2 psi
03A	VMP-16-19-042313	Modified TO-15	4.9 "Hg	15.1 psi
03B	VMP-16-19-042313	Modified TO-15	4.9 "Hg	15.1 psi
04A	VMP-16-31-042313	Modified TO-15	6.1 "Hg	14.9 psi
05A	VMP-20-39.5-041913	Modified TO-15	7.3 "Hg	14.5 psi
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: _____ DATE: 05/08/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effeetive date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
URS Corporation
Workorder# 1304602A

Five 1 Liter Summa Canister samples were received on April 26, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per client project requirements, the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

Due to high-level target compounds, samples VMP-16-13.5-042313 and VMP-16-19-042313 were analyzed twice. In the "A" fraction, the sample was diluted to bring the highest-level compounds within the calibration range. The "B" fraction is also reported by client request and may be reported with "E" flags indicating the compound exceeds the calibration range. Both runs and associated QC are reported.

Dilution was performed on all of the samples due to the presence of high level target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS

Client Sample ID: VMP-16-5-042313

Lab ID#: 1304602A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
2-Propanol	850	45 J	2100	110 J
Methylene Chloride	210	22 J	730	78 J
Cyclohexane	210	360	730	1200
2,2,4-Trimethylpentane	210	210000	990	980000
Benzene	210	150 J	680	480 J
Toluene	210	1300	800	5100
Butane	850	460 J	2000	1100 J
Isopentane	850	13000	2500	40000

Client Sample ID: VMP-16-13.5-042313 * Use these results only. All other data was reported from the 129x dilution analysis

Lab ID#: 1304602A-02A

DF = 645

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Methylene Chloride	3200	380 J	11000	1300 J
Hexane	3200	720 J	11000	2500 J
Cyclohexane	3200	28000	11000	97000
* 2,2,4-Trimethylpentane	3200	1800000	15000	8200000
Benzene	3200	4100	10000	13000
Toluene	3200	2600 J	12000	9800 J
Tetrachloroethene	3200	1500 J	22000	10000 J
Propylbenzene	3200	500 J	16000	2400 J
Butane	13000	80000	31000	190000
* Isopentane	13000	860000	38000	2500000

Client Sample ID: VMP-16-13.5-042313 * Do not use this data. Use all other data.

Lab ID#: 1304602A-02B

DF = 129

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Methylene Chloride	640	75 J	2200	260 J
Cyclohexane	640	30000	2200	100000
* ~~2,2,4-Trimethylpentane~~	~~640~~	~~1600000 E~~	~~3000~~	~~7600000 E~~
Benzene	640	4000	2100	13000
Toluene	640	2200	2400	8100

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS

Client Sample ID: VMP-16-13.5-042313

Lab ID#: 1304602A-02B

Ethyl Benzene	640	250 J	2800	1100 J
m,p-Xylene	640	140 J	2800	600 J
Cumene	640	290 J	3200	1400 J
Propylbenzene	640	550 J	3200	2700 J
Butane	2600	82000	6100	200000
~~Isopentane~~	~~2600~~	~~830000 E~~	~~7600~~	~~2400000 E~~

Client Sample ID: VMP-16-19-042313 *Use these results only. All other data was reported from the 242x dilution analysis

Lab ID#: 1304602A-03A

DF = 605

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Methylene Chloride	3000	290 J	10000	1000 J
Methyl tert-butyl ether	3000	810 J	11000	2900 J
Hexane	3000	1100 J	11000	4000 J
Cyclohexane	3000	48000	10000	160000
* 2,2,4-Trimethylpentane	3000	1800000	14000	8600000
Benzene	3000	3800	9700	12000
Toluene	3000	2300 J	11000	8700 J
Tetrachloroethene	3000	910 J	20000	6200 J
Ethyl Benzene	3000	15000	13000	65000
m,p-Xylene	3000	4800	13000	21000
Cumene	3000	4900	15000	24000
Propylbenzene	3000	11000	15000	52000
4-Ethyltoluene	3000	2200 J	15000	11000 J
1,3,5-Trimethylbenzene	3000	1100 J	15000	5200 J
1,2,4-Trimethylbenzene	3000	4200	15000	20000
Butane	12000	100000	29000	240000
Isopentane	12000	1100000	36000	3400000

Client Sample ID: VMP-16-19-042313 * Do not use this data. Use all of the data.

Lab ID#: 1304602A-03B

DF = 242

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Methylene Chloride	1200	200 J	4200	690 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS

Client Sample ID: VMP-16-19-042313

Lab ID#: 1304602A-03B

Methyl tert-butyl ether	1200	650 J	4400	2300 J
Hexane	1200	1100 J	4300	4000 J
Cyclohexane	1200	38000	4200	130000
~~2,2,4-Trimethylpentane~~	~~1200~~	~~1500000 E~~	~~5600~~	~~6900000 E~~
Benzene	1200	2900	3900	9400
Toluene	1200	1100 J	4600	4200 J
Tetrachloroethene	1200	1100 J	8200	7200 J
Ethyl Benzene	1200	14000	5200	61000
m,p-Xylene	1200	4700	5200	20000
o-Xylene	1200	150 J	5200	660 J
Cumene	1200	4800	5900	24000
Propylbenzene	1200	9800	5900	48000
4-Ethyltoluene	1200	2200	5900	11000
1,3,5-Trimethylbenzene	1200	1000 J	5900	4900 J
1,2,4-Trimethylbenzene	1200	4000	5900	20000
Butane	4800	82000	12000	200000
Isopentane	4800	880000	14000	2600000

Client Sample ID: VMP-16-31-042313

Lab ID#: 1304602A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Methylene Chloride	3200	300 J	11000	1000 J
Methyl tert-butyl ether	3200	950 J	11000	3400 J
Hexane	3200	1600 J	11000	5600 J
Cyclohexane	3200	72000	11000	250000
2,2,4-Trimethylpentane	3200	2500000	15000	12000000
Benzene	3200	4700	10000	15000
Toluene	3200	2500 J	12000	9500 J
Tetrachloroethene	3200	970 J	21000	6600 J
Ethyl Benzene	3200	14000	14000	60000
m,p-Xylene	3200	1600 J	14000	6900 J
Cumene	3200	8200	16000	40000
Propylbenzene	3200	17000	16000	85000
4-Ethyltoluene	3200	1000 J	16000	5200 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS

Client Sample ID: VMP-16-31-042313

Lab ID#: 1304602A-04A

1,2,4-Trimethylbenzene	3200	2000 J	16000	9900 J
Butane	13000	120000	30000	290000
Isopentane	13000	1400000	37000	4200000

Client Sample ID: VMP-20-39.5-041913

Lab ID#: 1304602A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
2-Propanol	660	54 J	1600	130 J
Methylene Chloride	160	17 J	570	60 J
Cyclohexane	160	140 J	570	470 J
2,2,4-Trimethylpentane	160	82000	770	380000
Benzene	160	57 J	520	180 J
Toluene	160	300	620	1100
Butane	660	440 J	1600	1000 J
Isopentane	660	2700	1900	7900

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Client Sample ID: VMP-16-5-042313

Lab ID#: 1304602A-01A

EPA METHOD TO-15 GC/MS

File Name:	**14050310**	**Date of Collection:**	**4/23/13 9:45:00 AM**
Dil. Factor:	**42.3**	**Date of Analysis:**	**5/3/13 01:19 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	210	Not Detected	1000	Not Detected
Freon 114	210	Not Detected	1500	Not Detected
Chloromethane	850	Not Detected	1700	Not Detected
Vinyl Chloride	210	Not Detected	540	Not Detected
1,3-Butadiene	210	Not Detected	470	Not Detected
Bromomethane	210	Not Detected	820	Not Detected
Chloroethane	850	Not Detected	2200	Not Detected
Freon 11	210	Not Detected	1200	Not Detected
Ethanol	850	Not Detected	1600	Not Detected
Freon 113	210	Not Detected	1600	Not Detected
1,1-Dichloroethene	210	Not Detected	840	Not Detected
Acetone	850	Not Detected	2000	Not Detected
2-Propanol	850	45 J	2100	110 J
Carbon Disulfide	210	Not Detected	660	Not Detected
3-Chloropropene	850	Not Detected	2600	Not Detected
Methylene Chloride	210	22 J	730	78 J
Methyl tert-butyl ether	210	Not Detected	760	Not Detected
trans-1,2-Dichloroethene	210	Not Detected	840	Not Detected
Hexane	210	Not Detected	740	Not Detected
1,1-Dichloroethane	210	Not Detected	860	Not Detected
2-Butanone (Methyl Ethyl Ketone)	850	Not Detected	2500	Not Detected
cis-1,2-Dichloroethene	210	Not Detected	840	Not Detected
Tetrahydrofuran	210	Not Detected	620	Not Detected
Chloroform	210	Not Detected	1000	Not Detected
1,1,1-Trichloroethane	210	Not Detected	1200	Not Detected
Cyclohexane	210	360	730	1200
Carbon Tetrachloride	210	Not Detected	1300	Not Detected
2,2,4-Trimethylpentane	210	210000	990	980000
Benzene	210	150 J	680	480 J
1,2-Dichloroethane	210	Not Detected	860	Not Detected
Heptane	210	Not Detected	870	Not Detected
Trichloroethene	210	Not Detected	1100	Not Detected
1,2-Dichloropropane	210	Not Detected	980	Not Detected
1,4-Dioxane	850	Not Detected	3000	Not Detected
Bromodichloromethane	210	Not Detected	1400	Not Detected
cis-1,3-Dichloropropene	210	Not Detected	960	Not Detected
4-Methyl-2-pentanone	210	Not Detected	870	Not Detected
Toluene	210	1300	800	5100
trans-1,3-Dichloropropene	210	Not Detected	960	Not Detected
1,1,2-Trichloroethane	210	Not Detected	1200	Not Detected
Tetrachloroethene	210	Not Detected	1400	Not Detected
2-Hexanone	850	Not Detected	3500	Not Detected

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Client Sample ID: VMP-16-5-042313

Lab ID#: 1304602A-01A

EPA METHOD TO-15 GC/MS

File Name:	**14050310**	**Date of Collection: 4/23/13 9:45:00 AM**	
Dil. Factor:	**42.3**	**Date of Analysis: 5/3/13 01:19 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	210	Not Detected	1800	Not Detected
1,2-Dibromoethane (EDB)	210	Not Detected	1600	Not Detected
Chlorobenzene	210	Not Detected	970	Not Detected
Ethyl Benzene	210	Not Detected	920	Not Detected
m,p-Xylene	210	Not Detected	920	Not Detected
o-Xylene	210	Not Detected	920	Not Detected
Styrene	210	Not Detected	900	Not Detected
Bromoform	210	Not Detected	2200	Not Detected
Cumene	210	Not Detected	1000	Not Detected
1,1,2,2-Tetrachloroethane	210	Not Detected	1400	Not Detected
Propylbenzene	210	Not Detected	1000	Not Detected
4-Ethyltoluene	210	Not Detected	1000	Not Detected
1,3,5-Trimethylbenzene	210	Not Detected	1000	Not Detected
1,2,4-Trimethylbenzene	210	Not Detected	1000	Not Detected
1,3-Dichlorobenzene	210	Not Detected	1300	Not Detected
1,4-Dichlorobenzene	210	Not Detected	1300	Not Detected
alpha-Chlorotoluene	210	Not Detected	1100	Not Detected
1,2-Dichlorobenzene	210	Not Detected	1300	Not Detected
1,2,4-Trichlorobenzene	850	Not Detected	6300	Not Detected
Hexachlorobutadiene	850	Not Detected	9000	Not Detected
Butane	850	460 J	2000	1100 J
Isopentane	850	13000	2500	40000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	120	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	97	70-130

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*Use these results only. All other data was reported from the 129X dilution analysis

Client Sample ID: VMP-16-13.5-042313

Lab ID#: 1304602A-02A

EPA METHOD TO-15 GC/MS

File Name:	**14050317**	**Date of Collection: 4/23/13 10:37:00 AM**	
Dil. Factor:	**645**	**Date of Analysis: 5/3/13 05:47 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	3200	Not Detected	16000	Not Detected
Freon 114	3200	Not Detected	22000	Not Detected
Chloromethane	13000	Not Detected	27000	Not Detected
Vinyl Chloride	3200	Not Detected	8200	Not Detected
1,3-Butadiene	3200	Not Detected	7100	Not Detected
Bromomethane	3200	Not Detected	12000	Not Detected
Chloroethane	13000	Not Detected	34000	Not Detected
Freon 11	3200	Not Detected	18000	Not Detected
Ethanol	13000	Not Detected	24000	Not Detected
Freon 113	3200	Not Detected	25000	Not Detected
1,1-Dichloroethene	3200	Not Detected	13000	Not Detected
Acetone	13000	Not Detected	31000	Not Detected
2-Propanol	13000	Not Detected	32000	Not Detected
Carbon Disulfide	3200	Not Detected	10000	Not Detected
3-Chloropropene	13000	Not Detected	40000	Not Detected
Methylene Chloride	3200	380 J	11000	1300 J
Methyl tert-butyl ether	3200	Not Detected	12000	Not Detected
trans-1,2-Dichloroethene	3200	Not Detected	13000	Not Detected
Hexane	3200	720 J	11000	2500 J
1,1-Dichloroethane	3200	Not Detected	13000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	13000	Not Detected	38000	Not Detected
cis-1,2-Dichloroethene	3200	Not Detected	13000	Not Detected
Tetrahydrofuran	3200	Not Detected	9500	Not Detected
Chloroform	3200	Not Detected	16000	Not Detected
1,1,1-Trichloroethane	3200	Not Detected	18000	Not Detected
Cyclohexane	3200	28000	11000	97000
Carbon Tetrachloride	3200	Not Detected	20000	Not Detected
* 2,2,4-Trimethylpentane	3200	1800000	15000	8200000
Benzene	3200	4100	10000	13000
1,2-Dichloroethane	3200	Not Detected	13000	Not Detected
Heptane	3200	Not Detected	13000	Not Detected
Trichloroethene	3200	Not Detected	17000	Not Detected
1,2-Dichloropropane	3200	Not Detected	15000	Not Detected
1,4-Dioxane	13000	Not Detected	46000	Not Detected
Bromodichloromethane	3200	Not Detected	22000	Not Detected
cis-1,3-Dichloropropene	3200	Not Detected	15000	Not Detected
4-Methyl-2-pentanone	3200	Not Detected	13000	Not Detected
Toluene	3200	2600 J	12000	9800 J
trans-1,3-Dichloropropene	3200	Not Detected	15000	Not Detected
1,1,2-Trichloroethane	3200	Not Detected	18000	Not Detected
Tetrachloroethene	3200	1500 J	22000	10000 J
2-Hexanone	13000	Not Detected	53000	Not Detected

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Client Sample ID: VMP-16-13.5-042313

Lab ID#: 1304602A-02A

EPA METHOD TO-15 GC/MS

File Name:	**14050317**	**Date of Collection: 4/23/13 10:37:00 AM**	
Dil. Factor:	**645**	**Date of Analysis: 5/3/13 05:47 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	3200	Not Detected	27000	Not Detected
1,2-Dibromoethane (EDB)	3200	Not Detected	25000	Not Detected
Chlorobenzene	3200	Not Detected	15000	Not Detected
Ethyl Benzene	3200	Not Detected	14000	Not Detected
m,p-Xylene	3200	Not Detected	14000	Not Detected
o-Xylene	3200	Not Detected	14000	Not Detected
Styrene	3200	Not Detected	14000	Not Detected
Bromoform	3200	Not Detected	33000	Not Detected
Cumene	3200	Not Detected	16000	Not Detected
1,1,2,2-Tetrachloroethane	3200	Not Detected	22000	Not Detected
Propylbenzene	3200	500 J	16000	2400 J
4-Ethyltoluene	3200	Not Detected	16000	Not Detected
1,3,5-Trimethylbenzene	3200	Not Detected	16000	Not Detected
1,2,4-Trimethylbenzene	3200	Not Detected	16000	Not Detected
1,3-Dichlorobenzene	3200	Not Detected	19000	Not Detected
1,4-Dichlorobenzene	3200	Not Detected	19000	Not Detected
alpha-Chlorotoluene	3200	Not Detected	17000	Not Detected
1,2-Dichlorobenzene	3200	Not Detected	19000	Not Detected
1,2,4-Trichlorobenzene	13000	Not Detected	96000	Not Detected
Hexachlorobutadiene	13000	Not Detected	140000	Not Detected
Butane	13000	80000	31000	190000
Isopentane	13000	860000	38000	2500000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	98	70-130

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*Do not use this data. Use all other data.

Client Sample ID: VMP-16-13.5-042313

Lab ID#: 1304602A-02B

EPA METHOD TO-15 GC/MS

File Name:	**14050311**	**Date of Collection:**	**4/23/13 10:37:00 AM**
Dil. Factor:	**129**	**Date of Analysis:**	**5/3/13 01:47 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	640	Not Detected	3200	Not Detected
Freon 114	640	Not Detected	4500	Not Detected
Chloromethane	2600	Not Detected	5300	Not Detected
Vinyl Chloride	640	Not Detected	1600	Not Detected
1,3-Butadiene	640	Not Detected	1400	Not Detected
Bromomethane	640	Not Detected	2500	Not Detected
Chloroethane	2600	Not Detected	6800	Not Detected
Freon 11	640	Not Detected	3600	Not Detected
Ethanol	2600	Not Detected	4900	Not Detected
Freon 113	640	Not Detected	4900	Not Detected
1,1-Dichloroethene	640	Not Detected	2600	Not Detected
Acetone	2600	Not Detected	6100	Not Detected
2-Propanol	2600	Not Detected	6300	Not Detected
Carbon Disulfide	640	Not Detected	2000	Not Detected
3-Chloropropene	2600	Not Detected	8100	Not Detected
Methylene Chloride	640	75 J	2200	260 J
Methyl tert-butyl ether	640	Not Detected	2300	Not Detected
trans-1,2-Dichloroethene	640	Not Detected	2600	Not Detected
Hexane	640	Not Detected	2300	Not Detected
1,1-Dichloroethane	640	Not Detected	2600	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2600	Not Detected	7600	Not Detected
cis-1,2-Dichloroethene	640	Not Detected	2600	Not Detected
Tetrahydrofuran	640	Not Detected	1900	Not Detected
Chloroform	640	Not Detected	3100	Not Detected
1,1,1-Trichloroethane	640	Not Detected	3500	Not Detected
Cyclohexane	640	30000	2200	100000
Carbon Tetrachloride	640	Not Detected	4000	Not Detected
~~2,2,4-Trimethylpentane~~	~~640~~	~~1600000 E~~	~~3000~~	~~7600000 E~~
Benzene	640	4000	2100	13000
1,2-Dichloroethane	640	Not Detected	2600	Not Detected
Heptane	640	Not Detected	2600	Not Detected
Trichloroethene	640	Not Detected	3500	Not Detected
1,2-Dichloropropane	640	Not Detected	3000	Not Detected
1,4-Dioxane	2600	Not Detected	9300	Not Detected
Bromodichloromethane	640	Not Detected	4300	Not Detected
cis-1,3-Dichloropropene	640	Not Detected	2900	Not Detected
4-Methyl-2-pentanone	640	Not Detected	2600	Not Detected
Toluene	640	2200	2400	8100
trans-1,3-Dichloropropene	640	Not Detected	2900	Not Detected
1,1,2-Trichloroethane	640	Not Detected	3500	Not Detected
Tetrachloroethene	640	Not Detected	4400	Not Detected
2-Hexanone	2600	Not Detected	10000	Not Detected

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Client Sample ID: VMP-16-13.5-042313

Lab ID#: 1304602A-02B

EPA METHOD TO-15 GC/MS

File Name:	**14050311**	**Date of Collection:**	**4/23/13 10:37:00 AM**
Dil. Factor:	**129**	**Date of Analysis:**	**5/3/13 01:47 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	640	Not Detected	5500	Not Detected
1,2-Dibromoethane (EDB)	640	Not Detected	5000	Not Detected
Chlorobenzene	640	Not Detected	3000	Not Detected
Ethyl Benzene	640	250 J	2800	1100 J
m,p-Xylene	640	140 J	2800	600 J
o-Xylene	640	Not Detected	2800	Not Detected
Styrene	640	Not Detected	2700	Not Detected
Bromoform	640	Not Detected	6700	Not Detected
Cumene	640	290 J	3200	1400 J
1,1,2,2-Tetrachloroethane	640	Not Detected	4400	Not Detected
Propylbenzene	640	550 J	3200	2700 J
4-Ethyltoluene	640	Not Detected	3200	Not Detected
1,3,5-Trimethylbenzene	640	Not Detected	3200	Not Detected
1,2,4-Trimethylbenzene	640	Not Detected	3200	Not Detected
1,3-Dichlorobenzene	640	Not Detected	3900	Not Detected
1,4-Dichlorobenzene	640	Not Detected	3900	Not Detected
alpha-Chlorotoluene	640	Not Detected	3300	Not Detected
1,2-Dichlorobenzene	640	Not Detected	3900	Not Detected
1,2,4-Trichlorobenzene	2600	Not Detected	19000	Not Detected
Hexachlorobutadiene	2600	Not Detected	28000	Not Detected
Butane	2600	82000	6100	200000
~~Isopentane~~	~~2600~~	~~830000 E~~	~~7600~~	~~2400000 E~~

J = Estimated value.
E = Exceeds instrument calibration range.
Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	126	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VMP-16-19-042313

Lab ID#: I304602A-03A

EPA METHOD TO-15 GC/MS

File Name:	**14050318**	**Date of Collection:**	**4/23/13 11:30:00 AM**
Dil. Factor:	**605**	**Date of Analysis:**	**5/3/13 06:14 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	3000	Not Detected	15000	Not Detected
Freon 114	3000	Not Detected	21000	Not Detected
Chloromethane	12000	Not Detected	25000	Not Detected
Vinyl Chloride	3000	Not Detected	7700	Not Detected
1,3-Butadiene	3000	Not Detected	6700	Not Detected
Bromomethane	3000	Not Detected	12000	Not Detected
Chloroethane	12000	Not Detected	32000	Not Detected
Freon 11	3000	Not Detected	17000	Not Detected
Ethanol	12000	Not Detected	23000	Not Detected
Freon 113	3000	Not Detected	23000	Not Detected
1,1-Dichloroethene	3000	Not Detected	12000	Not Detected
Acetone	12000	Not Detected	29000	Not Detected
2-Propanol	12000	Not Detected	30000	Not Detected
Carbon Disulfide	3000	Not Detected	9400	Not Detected
3-Chloropropene	12000	Not Detected	38000	Not Detected
Methylene Chloride	3000	290 J	10000	1000 J
Methyl tert-butyl ether	3000	810 J	11000	2900 J
trans-1,2-Dichloroethene	3000	Not Detected	12000	Not Detected
Hexane	3000	1100 J	11000	4000 J
1,1-Dichloroethane	3000	Not Detected	12000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	12000	Not Detected	36000	Not Detected
cis-1,2-Dichloroethene	3000	Not Detected	12000	Not Detected
Tetrahydrofuran	3000	Not Detected	8900	Not Detected
Chloroform	3000	Not Detected	15000	Not Detected
1,1,1-Trichloroethane	3000	Not Detected	16000	Not Detected
Cyclohexane	3000	48000	10000	160000
Carbon Tetrachloride	3000	Not Detected	19000	Not Detected
* 2,2,4-Trimethylpentane	3000	1800000	14000	8600000
Benzene	3000	3800	9700	12000
1,2-Dichloroethane	3000	Not Detected	12000	Not Detected
Heptane	3000	Not Detected	12000	Not Detected
Trichloroethene	3000	Not Detected	16000	Not Detected
1,2-Dichloropropane	3000	Not Detected	14000	Not Detected
1,4-Dioxane	12000	Not Detected	44000	Not Detected
Bromodichloromethane	3000	Not Detected	20000	Not Detected
cis-1,3-Dichloropropene	3000	Not Detected	14000	Not Detected
4-Methyl-2-pentanone	3000	Not Detected	12000	Not Detected
Toluene	3000	2300 J	11000	8700 J
trans-1,3-Dichloropropene	3000	Not Detected	14000	Not Detected
1,1,2-Trichloroethane	3000	Not Detected	16000	Not Detected
Tetrachloroethene	3000	910 J	20000	6200 J
2-Hexanone	12000	Not Detected	50000	Not Detected

Client Sample ID: VMP-I6-19-042313

Lab ID#: 1304602A-03A

EPA METHOD TO-15 GC/MS

File Name:	**14050318**	**Date of Collection:**	**4/23/13 11:30:00 AM**
Dil. Factor:	**605**	**Date of Analysis:**	**5/3/13 06:14 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	3000	Not Detected	26000	Not Detected
1,2-Dibromoethane (EDB)	3000	Not Detected	23000	Not Detected
Chlorobenzene	3000	Not Detected	14000	Not Detected
Ethyl Benzene	3000	15000	13000	65000
m,p-Xylene	3000	4800	13000	21000
o-Xylene	3000	Not Detected	13000	Not Detected
Styrene	3000	Not Detected	13000	Not Detected
Bromoform	3000	Not Detected	31000	Not Detected
Cumene	3000	4900	15000	24000
1,1,2,2-Tetrachloroethane	3000	Not Detected	21000	Not Detected
Propylbenzene	3000	11000	15000	52000
4-Ethyltoluene	3000	2200 J	15000	11000 J
1,3,5-Trimethylbenzene	3000	1100 J	15000	5200 J
1,2,4-Trimethylbenzene	3000	4200	15000	20000
1,3-Dichlorobenzene	3000	Not Detected	18000	Not Detected
1,4-Dichlorobenzene	3000	Not Detected	18000	Not Detected
alpha-Chlorotoluene	3000	Not Detected	16000	Not Detected
1,2-Dichlorobenzene	3000	Not Detected	18000	Not Detected
1,2,4-Trichlorobenzene	12000	Not Detected	90000	Not Detected
Hexachlorobutadiene	12000	Not Detected	130000	Not Detected
Butane	12000	100000	29000	240000
Isopentane	12000	1100000	36000	3400000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	115	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VMP-I6-19-042313

Lab ID#: 1304602A-03B

EPA METHOD TO-15 GC/MS

File Name:	**14050316**	**Date of Collection: 4/23/13 11:30:00 AM**	
Dil. Factor:	**242**	**Date of Analysis: 5/3/13 05:13 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1200	Not Detected	6000	Not Detected
Freon 114	1200	Not Detected	8400	Not Detected
Chloromethane	4800	Not Detected	10000	Not Detected
Vinyl Chloride	1200	Not Detected	3100	Not Detected
1,3-Butadiene	1200	Not Detected	2700	Not Detected
Bromomethane	1200	Not Detected	4700	Not Detected
Chloroethane	4800	Not Detected	13000	Not Detected
Freon 11	1200	Not Detected	6800	Not Detected
Ethanol	4800	Not Detected	9100	Not Detected
Freon 113	1200	Not Detected	9300	Not Detected
1,1-Dichloroethene	1200	Not Detected	4800	Not Detected
Acetone	4800	Not Detected	11000	Not Detected
2-Propanol	4800	Not Detected	12000	Not Detected
Carbon Disulfide	1200	Not Detected	3800	Not Detected
3-Chloropropene	4800	Not Detected	15000	Not Detected
Methylene Chloride	1200	200 J	4200	690 J
Methyl tert-butyl ether	1200	650 J	4400	2300 J
trans-1,2-Dichloroethene	1200	Not Detected	4800	Not Detected
Hexane	1200	1100 J	4300	4000 J
1,1-Dichloroethane	1200	Not Detected	4900	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4800	Not Detected	14000	Not Detected
cis-1,2-Dichloroethene	1200	Not Detected	4800	Not Detected
Tetrahydrofuran	1200	Not Detected	3600	Not Detected
Chloroform	1200	Not Detected	5900	Not Detected
1,1,1-Trichloroethane	1200	Not Detected	6600	Not Detected
Cyclohexane	1200	38000	4200	130000
Carbon Tetrachloride	1200	Not Detected	7600	Not Detected
~~2,2,4-Trimethylpentane~~	~~1200~~	~~1500000 E~~	~~5600~~	~~6900000 E~~
Benzene	1200	2900	3900	9400
1,2-Dichloroethane	1200	Not Detected	4900	Not Detected
Heptane	1200	Not Detected	5000	Not Detected
Trichloroethene	1200	Not Detected	6500	Not Detected
1,2-Dichloropropane	1200	Not Detected	5600	Not Detected
1,4-Dioxane	4800	Not Detected	17000	Not Detected
Bromodichloromethane	1200	Not Detected	8100	Not Detected
cis-1,3-Dichloropropene	1200	Not Detected	5500	Not Detected
4-Methyl-2-pentanone	1200	Not Detected	5000	Not Detected
Toluene	1200	1100 J	4600	4200 J
trans-1,3-Dichloropropene	1200	Not Detected	5500	Not Detected
1,1,2-Trichloroethane	1200	Not Detected	6600	Not Detected
Tetrachloroethene	1200	1100 J	8200	7200 J
2-Hexanone	4800	Not Detected	20000	Not Detected

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Client Sample ID: VMP-16-19-042313
Lab ID#: 1304602A-03B
EPA METHOD TO-15 GC/MS

File Name:	**14050316**	**Date of Collection:**	**4/23/13 11:30:00 AM**
Dil. Factor:	**242**	**Date of Analysis:**	**5/3/13 05:13 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1200	Not Detected	10000	Not Detected
1,2-Dibromoethane (EDB)	1200	Not Detected	9300	Not Detected
Chlorobenzene	1200	Not Detected	5600	Not Detected
Ethyl Benzene	1200	14000	5200	61000
m,p-Xylene	1200	4700	5200	20000
o-Xylene	1200	150 J	5200	660 J
Styrene	1200	Not Detected	5200	Not Detected
Bromoform	1200	Not Detected	12000	Not Detected
Cumene	1200	4800	5900	24000
1,1,2,2-Tetrachloroethane	1200	Not Detected	8300	Not Detected
Propylbenzene	1200	9800	5900	48000
4-Ethyltoluene	1200	2200	5900	11000
1,3,5-Trimethylbenzene	1200	1000 J	5900	4900 J
1,2,4-Trimethylbenzene	1200	4000	5900	20000
1,3-Dichlorobenzene	1200	Not Detected	7300	Not Detected
1,4-Dichlorobenzene	1200	Not Detected	7300	Not Detected
alpha-Chlorotoluene	1200	Not Detected	6300	Not Detected
1,2-Dichlorobenzene	1200	Not Detected	7300	Not Detected
1,2,4-Trichlorobenzene	4800	Not Detected	36000	Not Detected
Hexachlorobutadiene	4800	Not Detected	52000	Not Detected
Butane	4800	82000	12000	200000
Isopentane	4800	880000	14000	2600000

J = Estimated value.
E = Exceeds instrument calibration range.
Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	121	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VMP-16-31-042313

Lab ID#: 1304602A-04A

EPA METHOD TO-15 GC/MS

File Name:	**14050319**	**Date of Collection:**	**4/23/13 12:17:00 PM**
Dil. Factor:	**632**	**Date of Analysis:**	**5/3/13 06:46 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	3200	Not Detected	16000	Not Detected
Freon 114	3200	Not Detected	22000	Not Detected
Chloromethane	13000	Not Detected	26000	Not Detected
Vinyl Chloride	3200	Not Detected	8100	Not Detected
1,3-Butadiene	3200	Not Detected	7000	Not Detected
Bromomethane	3200	Not Detected	12000	Not Detected
Chloroethane	13000	Not Detected	33000	Not Detected
Freon 11	3200	Not Detected	18000	Not Detected
Ethanol	13000	Not Detected	24000	Not Detected
Freon 113	3200	Not Detected	24000	Not Detected
1,1-Dichloroethene	3200	Not Detected	12000	Not Detected
Acetone	13000	Not Detected	30000	Not Detected
2-Propanol	13000	Not Detected	31000	Not Detected
Carbon Disulfide	3200	Not Detected	9800	Not Detected
3-Chloropropene	13000	Not Detected	40000	Not Detected
Methylene Chloride	3200	300 J	11000	1000 J
Methyl tert-butyl ether	3200	950 J	11000	3400 J
trans-1,2-Dichloroethene	3200	Not Detected	12000	Not Detected
Hexane	3200	1600 J	11000	5600 J
1,1-Dichloroethane	3200	Not Detected	13000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	13000	Not Detected	37000	Not Detected
cis-1,2-Dichloroethene	3200	Not Detected	12000	Not Detected
Tetrahydrofuran	3200	Not Detected	9300	Not Detected
Chloroform	3200	Not Detected	15000	Not Detected
1,1,1-Trichloroethane	3200	Not Detected	17000	Not Detected
Cyclohexane	3200	72000	11000	250000
Carbon Tetrachloride	3200	Not Detected	20000	Not Detected
2,2,4-Trimethylpentane	3200	2500000	15000	12000000
Benzene	3200	4700	10000	15000
1,2-Dichloroethane	3200	Not Detected	13000	Not Detected
Heptane	3200	Not Detected	13000	Not Detected
Trichloroethene	3200	Not Detected	17000	Not Detected
1,2-Dichloropropane	3200	Not Detected	15000	Not Detected
1,4-Dioxane	13000	Not Detected	46000	Not Detected
Bromodichloromethane	3200	Not Detected	21000	Not Detected
cis-1,3-Dichloropropene	3200	Not Detected	14000	Not Detected
4-Methyl-2-pentanone	3200	Not Detected	13000	Not Detected
Toluene	3200	2500 J	12000	9500 J
trans-1,3-Dichloropropene	3200	Not Detected	14000	Not Detected
1,1,2-Trichloroethane	3200	Not Detected	17000	Not Detected
Tetrachloroethene	3200	970 J	21000	6600 J
2-Hexanone	13000	Not Detected	52000	Not Detected

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Client Sample ID: VMP-16-31-042313

Lab ID#: 1304602A-04A

EPA METHOD TO-15 GC/MS

File Name:	**14050319**	**Date of Collection: 4/23/13 12:17:00 PM**	
Dil. Factor:	**632**	**Date of Analysis: 5/3/13 06:46 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	3200	Not Detected	27000	Not Detected
1,2-Dibromoethane (EDB)	3200	Not Detected	24000	Not Detected
Chlorobenzene	3200	Not Detected	14000	Not Detected
Ethyl Benzene	3200	14000	14000	60000
m,p-Xylene	3200	1600 J	14000	6900 J
o-Xylene	3200	Not Detected	14000	Not Detected
Styrene	3200	Not Detected	13000	Not Detected
Bromoform	3200	Not Detected	33000	Not Detected
Cumene	3200	8200	16000	40000
1,1,2,2-Tetrachloroethane	3200	Not Detected	22000	Not Detected
Propylbenzene	3200	17000	16000	85000
4-Ethyltoluene	3200	1000 J	16000	5200 J
1,3,5-Trimethylbenzene	3200	Not Detected	16000	Not Detected
1,2,4-Trimethylbenzene	3200	2000 J	16000	9900 J
1,3-Dichlorobenzene	3200	Not Detected	19000	Not Detected
1,4-Dichlorobenzene	3200	Not Detected	19000	Not Detected
alpha-Chlorotoluene	3200	Not Detected	16000	Not Detected
1,2-Dichlorobenzene	3200	Not Detected	19000	Not Detected
1,2,4-Trichlorobenzene	13000	Not Detected	94000	Not Detected
Hexachlorobutadiene	13000	Not Detected	130000	Not Detected
Butane	13000	120000	30000	290000
Isopentane	13000	1400000	37000	4200000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	120	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VMP-20-39.5-041913

Lab ID#: 1304602A-05A

EPA METHOD TO-15 GC/MS

File Name:	**14050313**	**Date of Collection: 4/19/13 12:06:00 PM**	
Dil. Factor:	**32.9**	**Date of Analysis: 5/3/13 03:11 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	160	Not Detected	810	Not Detected
Freon 114	160	Not Detected	1200	Not Detected
Chloromethane	660	Not Detected	1400	Not Detected
Vinyl Chloride	160	Not Detected	420	Not Detected
1,3-Butadiene	160	Not Detected	360	Not Detected
Bromomethane	160	Not Detected	640	Not Detected
Chloroethane	660	Not Detected	1700	Not Detected
Freon 11	160	Not Detected	920	Not Detected
Ethanol	660	Not Detected	1200	Not Detected
Freon 113	160	Not Detected	1300	Not Detected
1,1-Dichloroethene	160	Not Detected	650	Not Detected
Acetone	660	Not Detected	1600	Not Detected
2-Propanol	660	54 J	1600	130 J
Carbon Disulfide	160	Not Detected	510	Not Detected
3-Chloropropene	660	Not Detected	2000	Not Detected
Methylene Chloride	160	17 J	570	60 J
Methyl tert-butyl ether	160	Not Detected	590	Not Detected
trans-1,2-Dichloroethene	160	Not Detected	650	Not Detected
Hexane	160	Not Detected	580	Not Detected
1,1-Dichloroethane	160	Not Detected	660	Not Detected
2-Butanone (Methyl Ethyl Ketone)	660	Not Detected	1900	Not Detected
cis-1,2-Dichloroethene	160	Not Detected	650	Not Detected
Tetrahydrofuran	160	Not Detected	480	Not Detected
Chloroform	160	Not Detected	800	Not Detected
1,1,1-Trichloroethane	160	Not Detected	900	Not Detected
Cyclohexane	160	140 J	570	470 J
Carbon Tetrachloride	160	Not Detected	1000	Not Detected
2,2,4-Trimethylpentane	160	82000	770	380000
Benzene	160	57 J	520	180 J
1,2-Dichloroethane	160	Not Detected	660	Not Detected
Heptane	160	Not Detected	670	Not Detected
Trichloroethene	160	Not Detected	880	Not Detected
1,2-Dichloropropane	160	Not Detected	760	Not Detected
1,4-Dioxane	660	Not Detected	2400	Not Detected
Bromodichloromethane	160	Not Detected	1100	Not Detected
cis-1,3-Dichloropropene	160	Not Detected	750	Not Detected
4-Methyl-2-pentanone	160	Not Detected	670	Not Detected
Toluene	160	300	620	1100
trans-1,3-Dichloropropene	160	Not Detected	750	Not Detected
1,1,2-Trichloroethane	160	Not Detected	900	Not Detected
Tetrachloroethene	160	Not Detected	1100	Not Detected
2-Hexanone	660	Not Detected	2700	Not Detected

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Client Sample ID: VMP-20-39.5-041913

Lab ID#: 1304602A-05A

EPA METHOD TO-15 GC/MS

File Name:	**14050313**	**Date of Collection:**	**4/19/13 12:06:00 PM**
Dil. Factor:	**32.9**	**Date of Analysis:**	**5/3/13 03:11 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	160	Not Detected	1400	Not Detected
1,2-Dibromoethane (EDB)	160	Not Detected	1300	Not Detected
Chlorobenzene	160	Not Detected	760	Not Detected
Ethyl Benzene	160	Not Detected	710	Not Detected
m,p-Xylene	160	Not Detected	710	Not Detected
o-Xylene	160	Not Detected	710	Not Detected
Styrene	160	Not Detected	700	Not Detected
Bromoform	160	Not Detected	1700	Not Detected
Cumene	160	Not Detected	810	Not Detected
1,1,2,2-Tetrachloroethane	160	Not Detected	1100	Not Detected
Propylbenzene	160	Not Detected	810	Not Detected
4-Ethyltoluene	160	Not Detected	810	Not Detected
1,3,5-Trimethylbenzene	160	Not Detected	810	Not Detected
1,2,4-Trimethylbenzene	160	Not Detected	810	Not Detected
1,3-Dichlorobenzene	160	Not Detected	990	Not Detected
1,4-Dichlorobenzene	160	Not Detected	990	Not Detected
alpha-Chlorotoluene	160	Not Detected	850	Not Detected
1,2-Dichlorobenzene	160	Not Detected	990	Not Detected
1,2,4-Trichlorobenzene	660	Not Detected	4900	Not Detected
Hexachlorobutadiene	660	Not Detected	7000	Not Detected
Butane	660	440 J	1600	1000 J
Isopentane	660	2700	1900	7900

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: Lab Blank
Lab ID#: 1304602A-06A
EPA METHOD TO-15 GC/MS

File Name:	14050306a	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/3/13 11:17 AM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 114	5.0	Not Detected	35	Not Detected
Chloromethane	20	Not Detected	41	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,3-Butadiene	5.0	Not Detected	11	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	20	Not Detected	53	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Ethanol	20	Not Detected	38	Not Detected
Freon 113	5.0	Not Detected	38	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
Acetone	20	Not Detected	48	Not Detected
2-Propanol	20	Not Detected	49	Not Detected
Carbon Disulfide	5.0	Not Detected	16	Not Detected
3-Chloropropene	20	Not Detected	63	Not Detected
Methylene Chloride	5.0	0.60 J	17	2.1 J
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Hexane	5.0	Not Detected	18	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
2-Butanone (Methyl Ethyl Ketone)	20	Not Detected	59	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Tetrahydrofuran	5.0	Not Detected	15	Not Detected
Chloroform	5.0	Not Detected	24	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	27	Not Detected
Cyclohexane	5.0	Not Detected	17	Not Detected
Carbon Tetrachloride	5.0	Not Detected	31	Not Detected
2,2,4-Trimethylpentane	5.0	Not Detected	23	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Heptane	5.0	Not Detected	20	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,4-Dioxane	20	Not Detected	72	Not Detected
Bromodichloromethane	5.0	Not Detected	34	Not Detected
cis-1,3-Dichloropropene	5.0	Not Detected	23	Not Detected
4-Methyl-2-pentanone	5.0	Not Detected	20	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
trans-1,3-Dichloropropene	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
2-Hexanone	20	Not Detected	82	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1304602A-06A

EPA METHOD TO-15 GC/MS

File Name:	**14050306a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/3/13 11:17 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	5.0	Not Detected	42	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	38	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Styrene	5.0	Not Detected	21	Not Detected
Bromoform	5.0	Not Detected	52	Not Detected
Cumene	5.0	Not Detected	24	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	34	Not Detected
Propylbenzene	5.0	Not Detected	24	Not Detected
4-Ethyltoluene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
alpha-Chlorotoluene	5.0	Not Detected	26	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2,4-Trichlorobenzene	20	Not Detected	150	Not Detected
Hexachlorobutadiene	20	Not Detected	210	Not Detected
Butane	20	Not Detected	48	Not Detected
Isopentane	20	Not Detected	59	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: CCV
Lab ID#: 1304602A-07A
EPA METHOD TO-15 GC/MS

File Name:	**14050302**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/3/13 09:08 AM**	

Compound	%Recovery
Freon 12	108
Freon 114	109
Chloromethane	103
Vinyl Chloride	87
1,3-Butadiene	83
Bromomethane	98
Chloroethane	104
Freon 11	108
Ethanol	106
Freon 113	101
1,1-Dichloroethene	110
Acetone	110
2-Propanol	109
Carbon Disulfide	101
3-Chloropropene	105
Methylene Chloride	108
Methyl tert-butyl ether	110
trans-1,2-Dichloroethene	109
Hexane	111
1,1-Dichloroethane	110
2-Butanone (Methyl Ethyl Ketone)	111
cis-1,2-Dichloroethene	105
Tetrahydrofuran	116
Chloroform	108
1,1,1-Trichloroethane	107
Cyclohexane	112
Carbon Tetrachloride	108
2,2,4-Trimethylpentane	112
Benzene	113
1,2-Dichloroethane	110
Heptane	118
Trichloroethene	108
1,2-Dichloropropane	111
1,4-Dioxane	112
Bromodichloromethane	108
cis-1,3-Dichloropropene	108
4-Methyl-2-pentanone	119
Toluene	108
trans-1,3-Dichloropropene	108
1,1,2-Trichloroethane	109
Tetrachloroethene	109
2-Hexanone	117

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Client Sample ID: CCV
Lab ID#: 1304602A-07A
EPA METHOD TO-15 GC/MS

File Name:	**14050302**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/3/13 09:08 AM**	

Compound	%Recovery
Dibromochloromethane	111
1,2-Dibromoethane (EDB)	111
Chlorobenzene	107
Ethyl Benzene	112
m,p-Xylene	110
o-Xylene	114
Styrene	119
Bromoform	113
Cumene	114
1,1,2,2-Tetrachloroethane	108
Propylbenzene	111
4-Ethyltoluene	112
1,3,5-Trimethylbenzene	111
1,2,4-Trimethylbenzene	108
1,3-Dichlorobenzene	104
1,4-Dichlorobenzene	108
alpha-Chlorotoluene	119
1,2-Dichlorobenzene	107
1,2,4-Trichlorobenzene	92
Hexachlorobutadiene	95
Butane	98
Isopentane	106

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: LCS
Lab ID#: 1304602A-08A
EPA METHOD TO-15 GC/MS

File Name:	**14050303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/3/13 09:31 AM**	

Compound	%Recovery
Freon 12	103
Freon 114	102
Chloromethane	103
Vinyl Chloride	81
1,3-Butadiene	74
Bromomethane	104
Chloroethane	99
Freon 11	103
Ethanol	109
Freon 113	100
1,1-Dichloroethene	112
Acetone	102
2-Propanol	103
Carbon Disulfide	118
3-Chloropropene	108
Methylene Chloride	101
Methyl tert-butyl ether	103
trans-1,2-Dichloroethene	115
Hexane	103
1,1-Dichloroethane	104
2-Butanone (Methyl Ethyl Ketone)	106
cis-1,2-Dichloroethene	101
Tetrahydrofuran	100
Chloroform	103
1,1,1-Trichloroethane	104
Cyclohexane	105
Carbon Tetrachloride	102
2,2,4-Trimethylpentane	104
Benzene	106
1,2-Dichloroethane	102
Heptane	106
Trichloroethene	102
1,2-Dichloropropane	103
1,4-Dioxane	101
Bromodichloromethane	101
cis-1,3-Dichloropropene	101
4-Methyl-2-pentanone	112
Toluene	99
trans-1,3-Dichloropropene	100
1,1,2-Trichloroethane	102
Tetrachloroethene	102
2-Hexanone	106

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Client Sample ID: LCS
Lab ID#: 1304602A-08A
EPA METHOD TO-15 GC/MS

File Name:	**14050303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/3/13 09:31 AM**	

Compound	%Recovery
Dibromochloromethane	102
1,2-Dibromoethane (EDB)	104
Chlorobenzene	101
Ethyl Benzene	103
m,p-Xylene	104
o-Xylene	105
Styrene	108
Bromoform	103
Cumene	108
1,1,2,2-Tetrachloroethane	104
Propylbenzene	106
4-Ethyltoluene	104
1,3,5-Trimethylbenzene	104
1,2,4-Trimethylbenzene	102
1,3-Dichlorobenzene	101
1,4-Dichlorobenzene	99
alpha-Chlorotoluene	108
1,2-Dichlorobenzene	102
1,2,4-Trichlorobenzene	99
Hexachlorobutadiene	95
Butane	86
Isopentane	100

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: LCSD
Lab ID#: 1304602A-08AA
EPA METHOD TO-15 GC/MS

File Name:	**14050304**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/3/13 10:01 AM**	

Compound	%Recovery
Freon 12	100
Freon 114	99
Chloromethane	100
Vinyl Chloride	81
1,3-Butadiene	74
Bromomethane	102
Chloroethane	98
Freon 11	99
Ethanol	105
Freon 113	93
1,1-Dichloroethene	104
Acetone	100
2-Propanol	99
Carbon Disulfide	115
3-Chloropropene	107
Methylene Chloride	99
Methyl tert-butyl ether	101
trans-1,2-Dichloroethene	114
Hexane	102
1,1-Dichloroethane	101
2-Butanone (Methyl Ethyl Ketone)	102
cis-1,2-Dichloroethene	98
Tetrahydrofuran	99
Chloroform	101
1,1,1-Trichloroethane	101
Cyclohexane	103
Carbon Tetrachloride	99
2,2,4-Trimethylpentane	101
Benzene	105
1,2-Dichloroethane	101
Heptane	106
Trichloroethene	101
1,2-Dichloropropane	102
1,4-Dioxane	100
Bromodichloromethane	100
cis-1,3-Dichloropropene	98
4-Methyl-2-pentanone	106
Toluene	99
trans-1,3-Dichloropropene	97
1,1,2-Trichloroethane	102
Tetrachloroethene	100
2-Hexanone	106

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Client Sample ID: LCSD
Lab ID#: 1304602A-08AA
EPA METHOD TO-15 GC/MS

File Name:	**14050304**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/3/13 10:01 AM**	

Compound	%Recovery
Dibromochloromethane	101
1,2-Dibromoethane (EDB)	103
Chlorobenzene	100
Ethyl Benzene	103
m,p-Xylene	104
o-Xylene	104
Styrene	107
Bromoform	100
Cumene	107
1,1,2,2-Tetrachloroethane	102
Propylbenzene	104
4-Ethyltoluene	102
1,3,5-Trimethylbenzene	103
1,2,4-Trimethylbenzene	100
1,3-Dichlorobenzene	100
1,4-Dichlorobenzene	100
alpha-Chlorotoluene	109
1,2-Dichlorobenzene	101
1,2,4-Trichlorobenzene	102
Hexachlorobutadiene	97
Butane	87
Isopentane	97

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	101	70-130

1304602

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Moosheglan
PO #:
INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0
SAP #: 3 4 0 0 5 ·
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 04/25/13
PAGE: 1 of 1

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS, Street and City: 900 SOUTH CENTRAL AVE – ROXANA
State: IL
GLOBAL ID NO:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST LOUIS, MO 63110
PROJ DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO.: 314-743-4179
E-MAIL: Elizabeth_Kunkel@URSCorp.com
CONSULTANT PROJECT NAME#: Roxana Soil Vapor
INVOICE TO: Air Toxics, LTD 180 Blue Ravine Road Suite B, Folsom, CA 95630-4719
B. Lehan, L. Rathnow
TELEPHONE: 314-429-0100
FAX: 314-429-0462
EDD To (Contact E-MAIL): Robert.Moosheglan@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND
☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY
DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)
☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
01A	VMP-16-5-042313	04/23/13	0915-0945	34632	-29.5	-8			X	X	
02A	VMP-16-13.5-042313	04/23/13	1007-1037	6024	-30	-8			X	X	
03A	VMP-16-19-042313	04/23/13	1100-1130	31768	-29.5	-7			X	X	
04A	VMP-16-31-042313	04/23/13	1147-1217	37312	-30	-7.5			X	X	
05A	VMP-20-39.5-041913	04/19/13	1135-1206	35550	-30	-8.5			X	X	

Turn Around Time: ☑ Normal ☐ Rush Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N2 He

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

7 coolers
Custody Seal Intact? (Y) N None Temp

Relinquished by (Signature)	Received by (Signature)	Date	Time
	FEDEX	4/25/13	1730
	BL Duffelen ATL	4/26/13	1000

05/2/05 Revision

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5/10/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1304602B

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 4/26/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1304602B

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	04/26/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/10/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-16-5-042313	Modified ASTM D-1946	6.3 "Hg	14.8 psi
02A	VMP-16-13.5-042313	Modified ASTM D-1946	6.3 "Hg	15.2 psi
03A	VMP-16-19-042313	Modified ASTM D-1946	4.9 "Hg	15.1 psi
04A	VMP-16-31-042313	Modified ASTM D-1946	6.1 "Hg	14.9 psi
05A	VMP-20-39.5-041913	Modified ASTM D-1946	7.3 "Hg	14.5 psi
06A	Lab Blank	Modified ASTM D-1946	NA	NA
06B	Lab Blank	Modified ASTM D-1946	NA	NA
07A	LCS	Modified ASTM D-1946	NA	NA
07AA	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 05/10/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD. SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified ASTM D-1946
URS Corporation
Workorder# 1304602B

Five 1 Liter Summa Canister samples were received on April 26, 2013. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane and fixed gases in air using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Since Nitrogen is used to pressurize samples, the reported Nitrogen values are calculated by adding all the sample components and subtracting from 100%.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*ASTM D-1946*	*ATL Modifications*
Calibration	A single point calibration is performed using a reference standard elosely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Referenee Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% aceuraey.
Sample Injection Volume	Components whose concentrations are in exeess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

The reporting limit for Nitrogen was raised from 0.10% to 0.50%.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-16-5-042313

Lab ID#: 1304602B-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	13
Nitrogen	1.3	77
Methane	0.00025	0.00038
Carbon Dioxide	0.025	10
Helium	0.13	0.24

Client Sample ID: VMP-16-13.5-042313

Lab ID#: 1304602B-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.26	1.5
Nitrogen	1.3	64
Methane	0.00026	20
Carbon Dioxide	0.026	14
Ethane	0.0026	0.00056 J

Client Sample ID: VMP-16-19-042313

Lab ID#: 1304602B-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.24	1.2
Nitrogen	1.2	60
Methane	0.00024	23
Carbon Dioxide	0.024	15
Ethane	0.0024	0.00054 J

Client Sample ID: VMP-16-31-042313

Lab ID#: 1304602B-04A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	1.5
Nitrogen	1.3	56

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-16-31-042313

Lab ID#: 1304602B-04A

Methane	0.00025	26
Carbon Dioxide	0.025	15
Ethane	0.0025	0.00063 J

Client Sample ID: VMP-20-39.5-041913

Lab ID#: 1304602B-05A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.26	2.3
Nitrogen	1.3	87
Methane	0.00026	0.014
Carbon Dioxide	0.026	11

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Client Sample ID: VMP-16-5-042313

Lab ID#: 1304602B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050121**	**Date of Collection:**	**4/23/13 9:45:00 AM**
Dil. Factor:	**2.54**	**Date of Analysis:**	**5/1/13 07:04 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	13
Nitrogen	1.3	77
Carbon Monoxide	0.025	Not Detected
Methane	0.00025	0.00038
Carbon Dioxide	0.025	10
Ethane	0.0025	Not Detected
Ethene	0.0025	Not Detected
Helium	0.13	0.24

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-16-13.5-042313

Lab ID#: 1304602B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050122**	**Date of Collection:**	**4/23/13 10:37:00 AM**
Dil. Factor:	**2.58**	**Date of Analysis:**	**5/1/13 07:31 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.26	1.5
Nitrogen	1.3	64
Carbon Monoxide	0.026	Not Detected
Methane	0.00026	20
Carbon Dioxide	0.026	14
Ethane	0.0026	0.00056 J
Ethene	0.0026	Not Detected
Helium	0.13	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-16-19-042313

Lab ID#: 1304602B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050123**	**Date of Collection:**	**4/23/13 11:30:00 AM**
Dil. Factor:	**2.42**	**Date of Analysis:**	**5/1/13 07:54 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.24	1.2
Nitrogen	1.2	60
Carbon Monoxide	0.024	Not Detected
Methane	0.00024	23
Carbon Dioxide	0.024	15
Ethane	0.0024	0.00054 J
Ethene	0.0024	Not Detected
Helium	0.12	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-16-31-042313

Lab ID#: 1304602B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050124**	**Date of Collection:**	**4/23/13 12:17:00 PM**
Dil. Factor:	**2.53**	**Date of Analysis:**	**5/1/13 08:23 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	1.5
Nitrogen	1.3	56
Carbon Monoxide	0.025	Not Detected
Methane	0.00025	26
Carbon Dioxide	0.025	15
Ethane	0.0025	0.00063 J
Ethene	0.0025	Not Detected
Helium	0.13	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-20-39.5-041913

Lab ID#: 1304602B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050126**	**Date of Collection:**	**4/19/13 12:06:00 PM**
Dil. Factor:	**2.63**	**Date of Analysis:**	**5/1/13 09:14 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.26	2.3
Nitrogen	1.3	87
Carbon Monoxide	0.026	Not Detected
Methane	0.00026	0.014
Carbon Dioxide	0.026	11
Ethane	0.0026	Not Detected
Ethene	0.0026	Not Detected
Helium	0.13	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: Lab Blank

Lab ID#: 1304602B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050105a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/1/13 11:18 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	0.012 J
Nitrogen	0.50	0.060 J
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected
Ethane	0.0010	Not Detected
Ethene	0.0010	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

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Client Sample ID: Lab Blank

Lab ID#: 1304602B-06B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050104ca**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/1/13 10:39 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.050	0.014 J

J = Estimated value.

Container Type: NA - Not Applicable

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Client Sample ID: LCS

Lab ID#: 1304602B-07A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/1/13 09:37 AM**	

Compound	%Recovery
Oxygen	104
Nitrogen	100
Carbon Monoxide	100
Methane	99
Carbon Dioxide	101
Ethane	98
Ethene	98
Helium	99

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCSD

Lab ID#: 1304602B-07AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050128**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/1/13 09:59 PM**	

Compound	%Recovery
Oxygen	104
Nitrogen	101
Carbon Monoxide	100
Methane	100
Carbon Dioxide	101
Ethane	99
Ethene	99
Helium	99

Container Type: NA - Not Applicable

1304602

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian

INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0 ☐ CHECK IF NO INCIDENT # APPLIES

DATE: 04/25/13

PAGE: 1 of 1

PO #:

SAP #: 3 4 0 0 6 -

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE -- ROXANA

State: IL

GLOBAL ID NO:

ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST. LOUIS, MO 63110

PROJ DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis

PHONE NO: 314-743-4179

E-MAIL: Elizabeth_Kunkel@URSCorp.com

CONSULTANT PROJECT NAME: Roxana Soil Vapor

LABORATORY ADDRESS: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719

B. Lehan, L. Rathnow

TELEPHONE: 314-429-0100

FAX: 314-429-0462

Bill To Contact E-MAIL: Robert.Mooshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY):

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
01A	VMP-16-5-042313	04/23/13	0915-0945	34632	-29.5	-8			X	X	
02A	VMP-16-13.5-042313	04/23/13	1007-1037	8024	-30	-8			X	X	
03A	VMP-16-19-042313	04/23/13	1100-1130	31768	-29.5	-7			X	X	
04A	VMP-16-31-042313	04/23/13	1147-1217	37312	-30	-7.5			X	X	
05A	VMP-20-39.5-041913	04/19/13	1138-1206	35550	-30	-8.5			X	X	

Turn Around Time:
☑ Normal
☐ Rush
Specify

Lab Use Only
Pressurized By:
Date:
Pressurization Gas: N_2 He

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

7 day

Custody Seal Intact?
Y N None Temp____

4/25/13

Relinquished by (Signature)	Received by: (Signature)	Date	Time
	FEDEX	4/25/13	1730
Relinquished by (Signature)	Received by: (Signature)	Date	Time
	4/26/13 1000		
Relinquished by (Signature)	Received by: (Signature)	Date	Time

05/2/08 Revision

Roxana Soil Vapor Quarterly – 2nd Quarter 2013 Data Review

Laboratory SDG: 1305031A,B

Data Reviewer: Melissa Mansker

Peer Reviewer: Elizabeth Kunkel

Date Reviewed: 6/12/2013

Guidance: USEPA National Functional Guidelines for Superfund Organic Methods Data Review 2008

Sample Identification	Sample Identification
VMP-5-5-042913	VMP-5-12.5-042913
VMP-5-31-042913	VMP-5-40-042913
VMP-6-31.5-042913	VMP-8-5-042513
VMP-8-9.5-042513	VMP-11-5-043013
VMP-11-29-043013	VMP-11-38-043013
VMP-24-10-042513	VMP-24-22-042513
VMP-24-22-042513-Dup	VMP-41-10-043013
VMP-41-20-043013	VMP-41-20-043013-Dup
VMP-41-30-043013	VMP-43-20-043013
VMP-43-30-043013	VMP-45-10-042913
VMP-45-20-042913	VMP-45-20-042913-Dup
VMP-45-30-042913	

1.0 Data Package Completeness

Were all items delivered as specified in the QAPP and COC as appropriate?

Yes

2.0 Laboratory Case Narrative \ Cooler Receipt Form

Were problems noted in the laboratory case narrative or cooler receipt form?

Yes, the laboratory case narrative indicated samples VMP-24-10-042513 and VMP-45-30-042913 were diluted due to high levels of target and non-target analytes. Although not indicated in the laboratory case narrative, analytes were detected in the method blank. These issues are addressed further in the appropriate sections below.

No issues or discrepancies were noted in the cooler receipt form.

3.0 Holding Times

Were samples extracted/analyzed within applicable limits?

Yes

4.0 Blank Contamination

Were any analytes detected in the Blanks?

Yes

Blank ID	Parameter	Analyte	Concentration/ Amount
1305031A-24A	TO-15	Ethanol	0.56 ppbv / 1.0 µg/m^3
1305031A-24A	TO-15	Carbon disulfide	0.71 ppbv / 2.2 µg/m^3
1305031A-24A	TO-15	Methylene chloride	0.49 ppbv / 1.7 µg/m^3
1305031A-24A	TO-15	trans-1,2-Dichloroethene	0.27 ppbv / 1.1 µg/m^3
1305031A-24A	TO-15	cis-1,2-Dichloroethene	0.20 ppbv / 0.80 µg/m^3
1305031A-24A	TO-15	Chloroform	0.12 ppbv / 0.58 µg/m^3
1305031A-24A	TO-15	Carbon tetrachloride	0.075 ppbv / 0.47 µg/m^3
1305031A-24A	TO-15	2,2,4-Trimethylpentane	0.081 ppbv / 0.38 µg/m^3
1305031A-24A	TO-15	Benzene	0.16 ppbv / 0.51 µg/m^3
1305031A-24A	TO-15	1,2-Dichloroethane	0.21 ppbv / 0.84 µg/m^3
1305031A-24A	TO-15	Trichloroethene	0.24 ppbv / 1.3 µg/m^3
1305031A-24A	TO-15	1,2-Dichloropropane	0.16 ppbv / 0.74 µg/m^3
1305031A-24A	TO-15	Bromodichloromethane	0.14 ppbv / 0.94 µg/m^3
1305031A-24A	TO-15	cis-1,3-Dichloropropene	0.18 ppbv / 0.81 µg/m^3
1305031A-24A	TO-15	Toluene	0.16 ppbv / 0.59 µg/m^3
1305031A-24A	TO-15	trans-1,3-Dichloropropene	0.32 ppbv / 1.4 µg/m^3
1305031A-24A	TO-15	1,1,2-Trichloroethane	0.17 ppbv / 0.95 µg/m^3
1305031A-24A	TO-15	Tetrachloroethene	0.27 ppbv / 1.8 µg/m^3
1305031A-24A	TO-15	Dibromochloromethane	0.14 ppbv / 1.2 µg/m^3
1305031A-24A	TO-15	1,2-Dibromoethane (EDB)	0.20 ppbv / 1.6 µg/m^3
1305031A-24A	TO-15	Chlorobenzene	0.35 ppbv / 1.6 µg/m^3
1305031A-24A	TO-15	m,p-Xylene	0.14 ppbv / 0.61 µg/m^3
1305031A-24A	TO-15	o-Xylene	0.13 ppbv / 0.56 µg/m^3
1305031A-24A	TO-15	Styrene	0.18 ppbv / 0.75 µg/m^3
1305031A-24A	TO-15	Bromoform	0.14 ppbv / 1.5 µg/m^3
1305031A-24A	TO-15	Cumene	0.18 ppbv / 0.87 µg/m^3
1305031A-24A	TO-15	1,1,2,2-Tetrachloroethane	0.17 ppbv / 1.2 µg/m^3
1305031A-24A	TO-15	Propylbenzene	0.24 ppbv / 1.2 µg/m^3
1305031A-24A	TO-15	4-Ethyltoluene	0.17 ppbv / 0.86 µg/m^3
1305031A-24A	TO-15	1,3,5-Trimethylbenzene	0.23 ppbv / 1.1 µg/m^3
1305031A-24A	TO-15	1,2,4-Trimethylbenzene	0.23 ppbv / 1.2 µg/m^3
1305031A-24A	TO-15	1,3-Dichlorobenzene	0.34 ppbv / 2.1 µg/m^3
1305031A-24A	TO-15	1,4-Dichlorobenzene	0.38 ppbv / 2.3 µg/m^3
1305031A-24A	TO-15	alpha-Chlorotoluene	0.24 ppbv / 1.2 µg/m^3
1305031A-24A	TO-15	1,2-Dichlorobenzene	0.33 ppbv / 2.0 µg/m^3
1305031A-24A	TO-15	1,2,4-Trichlorobenzene	1.3 ppbv / 9.8 µg/m^3
1305031A-24A	TO-15	Hexachlorobutadiene	0.85 ppbv / 9.1 µg/m^3
1305031A-24B	TO-15	Bromomethane	0.29 ppbv / 1.1 µg/m^3
1305031A-24B	TO-15	Acetone	0.51 ppbv / 1.2 µg/m^3
1305031A-24B	TO-15	Carbon disulfide	0.67 ppbv / 2.1 µg/m^3
1305031A-24B	TO-15	Methylene chloride	0.29 ppbv / 1.0 µg/m^3
1305031A-24B	TO-15	trans-1,2-Dichloroethene	0.20 ppbv / 0.81 µg/m^3
1305031A-24B	TO-15	cis-1,2-Dichloroethene	0.14 ppbv / 0.56 µg/m^3
1305031A-24B	TO-15	Chloroform	0.14 ppbv / 0.66 µg/m^3
1305031A-24B	TO-15	Carbon tetrachloride	0.073 ppbv / 0.46 µg/m^3

Blank ID	Parameter	Analyte	Concentration/ Amount
1305031A-24B	TO-15	2,2,4-Trimethylpentane	0.064 ppbv / 0.30 µg/m^3
1305031A-24B	TO-15	Benzene	0.17 ppbv / 0.54 µg/m^3
1305031A-24B	TO-15	1,2-Dichloroethane	0.23 ppbv / 0.93 µg/m^3
1305031A-24B	TO-15	Trichloroethene	0.19 ppbv / 1.0 µg/m^3
1305031A-24B	TO-15	1,4-Dioxane	0.27 ppbv / 0.98 µg/m^3
1305031A-24B	TO-15	Bromodichloromethane	0.16 ppbv / 1.0 µg/m^3
1305031A-24B	TO-15	cis-1,3-Dichloropropene	0.22 ppbv / 0.98 µg/m^3
1305031A-24B	TO-15	Toluene	0.13 ppbv / 0.50 µg/m^3
1305031A-24B	TO-15	trans-1,3-Dichloropropene	0.22 ppbv / 1.0 µg/m^3
1305031A-24B	TO-15	Tetrachloroethene	0.17 ppbv / 1.1 µg/m^3
1305031A-24B	TO-15	Dibromochloromethane	0.14 ppbv / 1.2 µg/m^3
1305031A-24B	TO-15	1,2-Dibromoethane (EDB)	0.20 ppbv / 1.5 µg/m^3
1305031A-24B	TO-15	Chlorobenzene	0.35 ppbv / 1.6 µg/m^3
1305031A-24B	TO-15	Ethyl benzene	0.13 ppbv / 0.57 µg/m^3
1305031A-24B	TO-15	o-Xylene	0.12 ppbv / 0.51 µg/m^3
1305031A-24B	TO-15	Stryene	0.13 ppbv / 0.55 µg/m^3
1305031A-24B	TO-15	Bromoform	0.14 ppbv / 1.4 µg/m^3
1305031A-24B	TO-15	Cumene	0.14 ppbv / 0.71 µg/m^3
1305031A-24B	TO-15	1,1,2,2-Tetrachloroethane	0.18 ppbv / 1.2 µg/m^3
1305031A-24B	TO-15	Propylbenzene	0.18 ppbv / 0.89 µg/m^3
1305031A-24B	TO-15	4-Ethyltoluene	0.21 ppbv / 1.0 µg/m^3
1305031A-24B	TO-15	1,3,5-Trimethylbenzene	0.20 ppbv / 0.98 µg/m^3
1305031A-24B	TO-15	1,2,4-Trimethylbenzene	0.22 ppbv / 1.1 µg/m^3
1305031A-24B	TO-15	1,3-Dichlorobenzene	0.35 ppbv / 2.1 µg/m^3
1305031A-24B	TO-15	1,4-Dichlorobenzene	0.34 ppbv / 2.0 µg/m^3
1305031A-24B	TO-15	alpha-Chlorotoluene	0.27 ppbv / 1.4 µg/m^3
1305031A-24B	TO-15	1,2-Dichlorobenzene	0.37 ppbv / 2.2 µg/m^3
1305031A-24B	TO-15	1,2,4-Trichlorobenzene	1.3 ppbv / 9.6 µg/m^3
1305031A-24B	TO-15	Hexachlorobutadiene	0.80 ppbv / 8.6 µg/m^3
1305031B-24A	Natural gases	Oxygen	0.0093%
1305031B-24A	Natural gases	Nitrogen	0.044%
1305031B-24B	Natural gases	Helium	0.011%
1305031B-24C	Natural gases	Oxygen	0.011%
1305031B-24C	Natural gases	Nitrogen	0.067%
1305031B-24D	Natural gases	Helium	0.011%

Qualifications due to blank contamination are included in the table below. Analytical data that were reported non-detect or at concentrations greater than five times (5X) the associated blank concentration did not require qualification.

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-5-5-042913	TO-15	Ethanol	-	**U**
VMP-5-5-042913	TO-15	Carbon disulfide	-	**U**
VMP-5-5-042913	TO-15	Methylene chloride	-	**U**

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-5-5-042913	TO-15	2,2,4-Trimethylpentane	-	**U**
VMP-5-5-042913	TO-15	1,2-Dichloroethane	-	**U**
VMP-5-5-042913	TO-15	cis-1,3-Dichloropropene	-	**U**
VMP-5-5-042913	TO-15	Toluene	-	**U**
VMP-5-5-042913	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-5-5-042913	TO-15	Tetrachloroethene	-	**U**
VMP-5-5-042913	TO-15	Dibromochloromethane	-	**U**
VMP-5-5-042913	TO-15	1,2-Dibromoethane (EDB)	-	**U**
VMP-5-5-042913	TO-15	Chlorobenzene	-	**U**
VMP-5-5-042913	TO-15	Styrene	-	**U**
VMP-5-5-042913	TO-15	Bromoform	-	**U**
VMP-5-5-042913	TO-15	1,1,2,2-Tetrachloroethane	-	**U**
VMP-5-5-042913	TO-15	Propylbenzene	-	**U**
VMP-5-5-042913	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-5-5-042913	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-5-5-042913	TO-15	alpha-Chlorotoluene	-	**U**
VMP-5-5-042913	TO-15	1,2-Dichlorobenzene	-	**U**
VMP-5-5-042913	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-5-12.5-042913	TO-15	Carbon disulfide	-	**U**
VMP-5-12.5-042913	TO-15	Methylene chloride	-	**U**
VMP-5-12.5-042913	TO-15	trans-1,2-Dichloroethene	-	**U**
VMP-5-12.5-042913	TO-15	Chloroform	-	**U**
VMP-5-12.5-042913	TO-15	1,2-Dichloroethane	-	**U**
VMP-5-12.5-042913	TO-15	Toluene	-	**U**
VMP-5-12.5-042913	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-5-12.5-042913	TO-15	1,2-Dibromoethane (EDB)	-	**U**
VMP-5-12.5-042913	TO-15	Chlorobenzene	-	**U**
VMP-5-12.5-042913	TO-15	Styrene	-	**U**
VMP-5-12.5-042913	TO-15	1,1,2,2-Tetrachloroethane	-	**U**
VMP-5-12.5-042913	TO-15	Propylbenzene	-	**U**
VMP-5-12.5-042913	TO-15	1,2,4-Trimethylbenzene	-	**U**
VMP-5-12.5-042913	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-5-12.5-042913	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-5-12.5-042913	TO-15	alpha-Chlorotoluene	-	**U**
VMP-5-31-042913	TO-15	Carbon disulfide	-	**U**
VMP-5-31-042913	TO-15	Methylene chloride	-	**U**
VMP-5-31-042913	TO-15	Toluene	-	**U**
VMP-5-31-042913	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-5-31-042913	TO-15	Chlorobenzene	-	**U**
VMP-5-31-042913	TO-15	Bromoform	-	**U**
VMP-5-31-042913	TO-15	Cumene	-	**U**
VMP-5-31-042913	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-5-31-042913	TO-15	1,4-Dichlorobenzene	-	**U**

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-5-31-042913	TO-15	alpha-Chlorotoluene	-	**U**
VMP-5-40-042913	TO-15	Carbon disulfide	-	**U**
VMP-5-40-042913	TO-15	Trichloroethene	-	**U**
VMP-5-40-042913	TO-15	Toluene	-	**U**
VMP-5-40-042913	TO-15	1,2-Dibromoethane (EDB)	-	**U**
VMP-5-40-042913	TO-15	Chlorobenzene	-	**U**
VMP-5-40-042913	TO-15	Styrene	-	**U**
VMP-5-40-042913	TO-15	1,1,2,2-Tetrachloroethane	-	**U**
VMP-5-40-042913	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-5-40-042913	TO-15	alpha-Chlorotoluene	-	**U**
VMP-6-31.5-042913	TO-15	Ethanol	-	**U**
VMP-6-31.5-042913	TO-15	Carbon disulfide	-	**U**
VMP-6-31.5-042913	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-6-31.5-042913	TO-15	Chlorobenzene	-	**U**
VMP-6-31.5-042913	TO-15	1,1,2,2-Tetrachloroethane	-	**U**
VMP-6-31.5-042913	TO-15	Propylbenzene	-	**U**
VMP-6-31.5-042913	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-6-31.5-042913	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-6-31.5-042913	TO-15	alpha-Chlorotoluene	-	**U**
VMP-8-5-042513	TO-15	Ethanol	-	**U**
VMP-8-5-042513	TO-15	Carbon disulfide	-	**U**
VMP-8-5-042513	TO-15	Benzene	-	**U**
VMP-8-5-042513	TO-15	Chlorobenzene	-	**U**
VMP-8-5-042513	TO-15	m,p-Xylene	-	**U**
VMP-8-5-042513	TO-15	1,3,5-Trimethylbenzene	-	**U**
VMP-8-5-042513	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-8-9.5-042513	TO-15	Ethanol	-	**U**
VMP-8-9.5-042513	TO-15	Carbon disulfide	-	**U**
VMP-8-9.5-042513	TO-15	Methylene chloride	-	**U**
VMP-8-9.5-042513	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-8-9.5-042513	TO-15	Chlorobenzene	-	**U**
VMP-8-9.5-042513	TO-15	Styrene	-	**U**
VMP-8-9.5-042513	TO-15	Cumene	-	**U**
VMP-8-9.5-042513	TO-15	1,1,2,2-Tetrachloroethane	-	**U**
VMP-8-9.5-042513	TO-15	Propylbenzene	-	**U**
VMP-8-9.5-042513	TO-15	4-Ethyltoluene	-	**U**
VMP-8-9.5-042513	TO-15	1,2,4-Trimethylbenzene	-	**U**
VMP-8-9.5-042513	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-8-9.5-042513	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-8-9.5-042513	TO-15	alpha-Chlorotoluene	-	**U**
VMP-11-5-043013	TO-15	Ethanol	-	**U**
VMP-11-5-043013	TO-15	Carbon disulfide	-	**U**
VMP-11-5-043013	TO-15	Methylene chloride	-	**U**

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-11-5-043013	TO-15	Chlorobenzene	-	**U**
VMP-11-5-043013	TO-15	Propylbenzene	-	**U**
VMP-11-5-043013	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-11-5-043013	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-11-29-043013	TO-15	Ethanol	-	**U**
VMP-11-29-043013	TO-15	Carbon disulfide	-	**U**
VMP-11-29-043013	TO-15	Benzene	-	**U**
VMP-11-29-043013	TO-15	Toluene	-	**U**
VMP-11-29-043013	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-11-29-043013	TO-15	Chlorobenzene	-	**U**
VMP-11-29-043013	TO-15	m,p-Xylene	-	**U**
VMP-11-29-043013	TO-15	Cumene	-	**U**
VMP-11-29-043013	TO-15	Propylbenzene	-	**U**
VMP-11-29-043013	TO-15	4-Ethyltoluene	-	**U**
VMP-11-29-043013	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-11-38-043013	TO-15	Ethanol	-	**U**
VMP-11-38-043013	TO-15	Carbon disulfide	-	**U**
VMP-11-38-043013	TO-15	Chlorobenzene	-	**U**
VMP-11-38-043013	TO-15	Propylbenzene	-	**U**
VMP-11-38-043013	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-24-22-042513	TO-15	Ethanol	-	**U**
VMP-24-22-042513	TO-15	Carbon disulfide	-	**U**
VMP-24-22-042513	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-24-22-042513	TO-15	Chlorobenzene	-	**U**
VMP-24-22-042513	TO-15	4-Ethyltoluene	-	**U**
VMP-24-22-042513	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-24-22-042513-Dup	TO-15	Ethanol	-	**U**
VMP-24-22-042513-Dup	TO-15	Carbon disulfide	-	**U**
VMP-24-22-042513-Dup	TO-15	Methylene chloride	-	**U**
VMP-24-22-042513-Dup	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-24-22-042513-Dup	TO-15	Chlorobenzene	-	**U**
VMP-24-22-042513-Dup	TO-15	4-Ethyltoluene	-	**U**
VMP-41-10-043013	TO-15	Ethanol	-	**U**
VMP-41-10-043013	TO-15	Carbon disulfide	-	**U**
VMP-41-10-043013	TO-15	Chlorobenzene	-	**U**
VMP-41-20-043013	TO-15	Ethanol	-	**U**
VMP-41-20-043013	TO-15	2,2,4-Trimethyolpentane	-	**U**
VMP-41-20-043013	TO-15	Benzene	-	**U**

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-41-20-043013	TO-15	Toluene	-	**U**
VMP-41-20-043013	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-41-20-043013	TO-15	Chlorobenzene	-	**U**
VMP-41-20-043013	TO-15	m,p-Xylene	-	**U**
VMP-41-20-043013	TO-15	o-Xylene	-	**U**
VMP-41-20-043013	TO-15	4-Ethyltoluene	-	**U**
VMP-41-20-043013-Dup	TO-15	Ethanol	-	**U**
VMP-41-20-043013-Dup	TO-15	Benzene	-	**U**
VMP-41-20-043013-Dup	TO-15	Chlorobenzene	-	**U**
VMP-41-20-043013-Dup	TO-15	o-Xylene	-	**U**
VMP-41-30-043013	TO-15	Ethanol	-	**U**
VMP-41-30-043013	TO-15	Carbon disulfide	-	**U**
VMP-41-30-043013	TO-15	Methylene chloride	-	**U**
VMP-41-30-043013	TO-15	Toluene	-	**U**
VMP-41-30-043013	TO-15	Chlorobenzene	-	**U**
VMP-41-30-043013	TO-15	Propylbenzene	-	**U**
VMP-43-20-043013	TO-15	Carbon disulfide	-	**U**
VMP-43-20-043013	TO-15	Chloroform	-	**U**
VMP-43-20-043013	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-43-20-043013	TO-15	Chlorobenzene	-	**U**
VMP-43-20-043013	TO-15	o-Xylene	-	**U**
VMP-43-20-043013	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-43-20-043013	TO-15	alpha-Chlorotoluene	-	**U**
VMP-43-30-043013	TO-15	Carbon disulfide	-	**U**
VMP-43-30-043013	TO-15	Methylene chloride	-	**U**
VMP-43-30-043013	TO-15	Benzene	-	**U**
VMP-43-30-043013	TO-15	Toluene	-	**U**
VMP-43-30-043013	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-43-30-043013	TO-15	Dibromochloromethane	-	**U**
VMP-43-30-043013	TO-15	Chlorobenzene	-	**U**
VMP-43-30-043013	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-45-10-042913	TO-15	Carbon disulfide	-	**U**
VMP-45-10-042913	TO-15	Benzene	-	**U**
VMP-45-10-042913	TO-15	Chlorobenzene	-	**U**
VMP-45-10-042913	TO-15	Cumene	-	**U**
VMP-45-10-042913	TO-15	Propylbenzene	-	**U**
VMP-45-10-042913	TO-15	4-Ethyltoluene	-	**U**
VMP-45-20-042913	TO-15	Carbon disulfide	-	**U**
VMP-45-20-042913	TO-15	Chlorobenzene	-	**U**
VMP-45-20-042913	TO-15	Styrene	-	**U**

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-45-20-042913	TO-15	4-Ethyltoluene	-	**U**
VMP-45-20-042913	TO-15	1,2,4-Trimethylbenzene	-	**U**
VMP-45-20-042913-Dup	TO-15	Carbon disulfide	-	**U**
VMP-45-20-042913-Dup	TO-15	Methylene chloride	-	**U**
VMP-45-20-042913-Dup	TO-15	Chlorobenzene	-	**U**
VMP-45-20-042913-Dup	TO-15	Stryene	-	**U**
VMP-45-20-042913-Dup	TO-15	Cumene	-	**U**
VMP-45-20-042913-Dup	TO-15	Propylbenzene	-	**U**
VMP-45-20-042913-Dup	TO-15	1,3,5-Trimethylbenzene	-	**U**
VMP-45-20-042913-Dup	TO-15	1,2,4-Trimethylbenzene	-	**U**
VMP-45-20-042913-Dup	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-45-30-042913	TO-15	Chlorobenzene	-	**U**
VMP-45-30-042913	TO-15	Styrene	-	**U**
VMP-45-30-042913	TO-15	Cumene	-	**U**
VMP-45-30-042913	TO-15	4-Ethyltoluene	-	**U**
VMP-45-30-042913	TO-15	1,2-Dichlorobenzene	-	**U**

5.0 Laboratory Control Sample

Were LCS recoveries within evaluation criteria?

Yes

6.0 Surrogate Recoveries

Were surrogate recoveries within evaluation criteria?

Yes

7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

Were MS/MSD samples analyzed as part of this SDG?

MS/MSD samples are not applicable for vapor samples, due to the inability to spike the samples.

8.0 Laboratory Duplicate Results

Were laboratory duplicate samples collected as part of this SDG?

No

9.0 Field Duplicate Results

Were field duplicate samples collected as part of this SDG?

Yes

Field ID	Field Duplicate ID
VMP-24-22-042513	VMP-24-22-042513-Dup
VMP-41-20-043013	VMP-41-20-043013-Dup
VMP-45-20-042913	VMP-45-20-042913-Dup

Were field duplicate sample RPDs within evaluation criteria?

Yes

10.0 Sample Dilutions

For samples that were diluted and nondetect, were undiluted results also reported?

Not applicable; analytes were detected in samples that were diluted.

11.0 Additional Qualifications

Were additional qualifications applied?

No

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5/14/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305031A

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/1/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

Reviewed on 6/12/2013

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WORK ORDER #: 1305031A

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/01/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/14/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-5-5-042913	Modified TO-15	8.6 "Hg	14.8 psi
02A	VMP-5-12.5-042913	Modified TO-15	9.4 "Hg	14.9 psi
03A	VMP-5-31-042913	Modified TO-15	8.8 "Hg	15.2 psi
04A	VMP-5-40-042913	Modified TO-15	8.8 "Hg	14.9 psi
05A	VMP-6-31.5-042913	Modified TO-15	10.4 "Hg	14.4 psi
06A	VMP-8-5-042513	Modified TO-15	9 "Hg	15.2 psi
07A	VMP-8-9.5-042513	Modified TO-15	8 "Hg	14.3 psi
08A	VMP-11-5-043013	Modified TO-15	10 "Hg	14.8 psi
09A	VMP-11-29-043013	Modified TO-15	8.8 "Hg	14.9 psi
10A	VMP-11-38-043013	Modified TO-15	10 "Hg	14.7 psi
11A	VMP-24-10-042513	Modified TO-15	7.3 "Hg	14.7 psi
12A	VMP-24-22-042513	Modified TO-15	7.8 "Hg	14.7 psi
13A	VMP-24-22-042513-Dup	Modified TO-15	9.6 "Hg	14.9 psi
14A	VMP-41-10-043013	Modified TO-15	8.2 "Hg	14.5 psi
15A	VMP-41-20-043013	Modified TO-15	7.8 "Hg	15 psi
16A	VMP-41-20-043013-Dup	Modified TO-15	8.4 "Hg	15.3 psi
17A	VMP-41-30-043013	Modified TO-15	9 "Hg	14.5 psi
18A	VMP-43-20-043013	Modified TO-15	11 "Hg	14.7 psi
19A	VMP-43-30-043013	Modified TO-15	10 "Hg	15.2 psi
20A	VMP-45-10-042913	Modified TO-15	9 "Hg	15.1 psi
21A	VMP-45-20-042913	Modified TO-15	10.2 "Hg	14.9 psi
22A	VMP-45-20-042913-Dup	Modified TO-15	9.8 "Hg	14.8 psi
23A	VMP-45-30-042913	Modified TO-15	9 "Hg	15.6 psi

Continued on next page

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WORK ORDER #: 1305031A

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/01/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/14/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
24A	Lab Blank	Modified TO-15	NA	NA
24B	Lab Blank	Modified TO-15	NA	NA
25A	CCV	Modified TO-15	NA	NA
25B	CCV	Modified TO-15	NA	NA
26A	LCS	Modified TO-15	NA	NA
26AA	LCSD	Modified TO-15	NA	NA
26B	LCS	Modified TO-15	NA	NA
26BB	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Heidi Rooyen DATE: 05/14/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
EPA Method TO-15
URS Corporation
Workorder# 1305031A

twenty-three 1 Liter Summa Canister samples were received on May 01, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per client project requirements, the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified (0.2 ppbv for compounds reported at 0.5 ppbv and 0.8 ppbv for compounds reported at 2.0 ppbv) may be false positives.

Dilution was performed on sample VMP-24-10-042513 due to the presence of high level target species.

Dilution was performed on sample VMP-45-30-042913 due to the presence of high level non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-5-5-042913

Lab ID#: 1305031A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.51 J	6.9	2.5 J
Freon 11	1.4	0.32 J	7.9	1.8 J
Ethanol	5.6	2.1 J U	10	4.0 J U
Acetone	14	7.4 J	33	17 J
Carbon Disulfide	5.6	1.4 J U	18	4.4 J U
Methylene Chloride	14	0.60 J U	49	2.1 J U
2-Butanone (Methyl Ethyl Ketone)	5.6	1.3 J	16	3.7 J
Tetrahydrofuran	1.4	0.65 J	4.1	1.9 J
2,2,4-Trimethylpentane	1.4	0.29 J U	6.6	1.3 J U
Benzene	1.4	0.96 J	4.5	3.0 J
1,2-Dichloroethane	1.4	0.40 J U	5.7	1.6 J U
1,4-Dioxane	5.6	1.1 J	20	4.0 J
cis-1,3-Dichloropropene	1.4	0.32 J U	6.4	1.5 J U
Toluene	1.4	0.28 J U	5.3	1.0 J U
trans-1,3-Dichloropropene	1.4	0.49 J U	6.4	2.2 J U
Tetrachloroethene	1.4	0.54 J U	9.5	3.7 J U
Dibromochloromethane	1.4	0.28 J U	12	2.4 J U
1,2-Dibromoethane (EDB)	1.4	0.40 J U	11	3.1 J U
Chlorobenzene	1.4	0.73 J U	6.5	3.4 J U
Styrene	1.4	0.19 J U	6.0	0.82 J U
Bromoform	1.4	0.22 J U	14	2.2 J U
1,1,2,2-Tetrachloroethane	1.4	0.18 J U	9.6	1.2 J U
Propylbenzene	1.4	0.25 J U	6.9	1.2 J U
1,3-Dichlorobenzene	1.4	0.42 J U	8.4	2.6 J U
1,4-Dichlorobenzene	1.4	0.52 J U	8.4	3.1 J U
alpha-Chlorotoluene	1.4	0.28 J U	7.3	1.4 J U
1,2-Dichlorobenzene	1.4	0.38 J U	8.4	2.3 J U
1,2,4-Trichlorobenzene	5.6	1.3 J U	42	9.5 J U

Client Sample ID: VMP-5-12.5-042913

Lab ID#: 1305031A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-5-12.5-042913

Lab ID#: 1305031A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.55 J	7.8	2.7 J
Chloromethane	16	2.5 J	32	5.2 J
Ethanol	6.3	3.5 J	12	6.6 J
Acetone	16	20	37	47
Carbon Disulfide	6.3	1.5 J	20	4.6 J
Methylene Chloride	16	0.44 J	55	1.5 J
trans-1,2-Dichloroethene	1.6	0.57 J	6.2	2.2 J
Hexane	1.6	1.3 J	5.6	4.5 J
2-Butanone (Methyl Ethyl Ketone)	6.3	3.4 J	18	10 J
Chloroform	1.6	0.50 J	7.7	2.4 J
Cyclohexane	1.6	2.5	5.4	8.6
2,2,4-Trimethylpentane	1.6	10	7.4	49
Benzene	1.6	0.98 J	5.0	3.1 J
1,2-Dichloroethane	1.6	0.35 J	6.4	1.4 J
Heptane	1.6	0.58 J	6.4	2.4 J
4-Methyl-2-pentanone	1.6	0.51 J	6.4	2.1 J
Toluene	1.6	0.67 J	5.9	2.1 J
trans-1,3-Dichloropropene	1.6	0.47 J	7.1	2.2 J
1,2-Dibromoethane (EDB)	1.6	0.36 J	12	2.8 J
Chlorobenzene	1.6	0.73 J	7.2	3.3 J
Ethyl Benzene	1.6	0.51 J	6.8	2.2 J
m,p-Xylene	1.6	2.2	6.8	9.4
o-Xylene	1.6	1.0 J	6.8	4.4 J
Styrene	1.6	0.32 J	6.7	1.3 J
1,1,2,2-Tetrachloroethane	1.6	0.28 J	11	1.9 J
Propylbenzene	1.6	0.37 J	7.7	1.8 J
4-Ethyltoluene	1.6	1.2 J	7.7	5.7 J
1,2,4-Trimethylbenzene	1.6	1.2 J	7.7	6.0 J
1,3-Dichlorobenzene	1.6	0.34 J	9.5	2.0 J
1,4-Dichlorobenzene	1.6	0.43 J	9.5	2.6 J
alpha-Chlorotoluene	1.6	0.32 J	8.2	1.7 J
Butane	6.3	35	15	83
Isopentane	6.3	86	18	260

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-5-31-042913

Lab ID#: 1305031A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.55 J	7.1	2.7 J
Ethanol	5.8	5.7 J	11	11 J
Acetone	14	10 J	34	24 J
2-Propanol	5.8	9.7	14	24
Carbon Disulfide	5.8	1.3 J	18	4.2 J
Methylene Chloride	14	0.47 J	50	1.6 J
Hexane	1.4	3.1	5.1	11
2-Butanone (Methyl Ethyl Ketone)	5.8	12	17	36
Tetrahydrofuran	1.4	0.94 J	4.2	2.8 J
Chloroform	1.4	1.3 J	7.0	6.6 J
Cyclohexane	1.4	1.0 J	5.0	3.5 J
2,2,4-Trimethylpentane	1.4	4.5	6.7	21
Benzene	1.4	2.2	4.6	7.0
Heptane	1.4	0.38 J	5.9	1.6 J
4-Methyl-2-pentanone	1.4	2.4	5.9	9.6
Toluene	1.4	0.45 J	5.4	1.7 J
trans-1,3-Dichloropropene	1.4	0.30 J	6.5	1.4 J
Chlorobenzene	1.4	0.64 J	6.6	3.0 J
Bromoform	1.4	0.25 J	15	2.6 J
Cumene	1.4	0.36 J	7.1	1.7 J
1,3-Dichlorobenzene	1.4	0.33 J	8.6	2.0 J
1,4-Dichlorobenzene	1.4	0.34 J	8.6	2.0 J
alpha-Chlorotoluene	1.4	0.28 J	7.4	1.4 J
Butane	5.8	18	14	44
Isopentane	5.8	15	17	45

Client Sample ID: VMP-5-40-042913

Lab ID#: 1305031A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.53 J	7.0	2.6 J
Freon 11	1.4	0.29 J	8.0	1.6 J
Acetone	14	8.4 J	34	20 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-5-40-042913

Lab ID#: 1305031A-04A

Carbon Disulfide	5.7	~~1.1 J~~ U	18	~~3.4 J~~ U
Hexane	1.4	2.6	5.0	9.0
2-Butanone (Methyl Ethyl Ketone)	5.7	3.7 J	17	11 J
Chloroform	1.4	3.5	7.0	17
Cyclohexane	1.4	1.3 J	4.9	4.5 J
2,2,4-Trimethylpentane	1.4	70	6.6	330
Benzene	1.4	1.1 J	4.6	3.6 J
Heptane	1.4	0.98 J	5.8	4.0 J
Trichloroethene	1.4	~~0.47 J~~ U	7.6	~~2.5 J~~ U
4-Methyl-2-pentanone	1.4	0.86 J	5.8	3.5 J
Toluene	1.4	~~0.32 J~~ U	5.4	~~1.2 J~~ U
1,2-Dibromoethane (EDB)	1.4	~~0.30 J~~ U	11	~~2.3 J~~ U
Chlorobenzene	1.4	~~0.64 J~~ U	6.6	~~3.0 J~~ U
Styrene	1.4	~~0.13 J~~ U	6.1	~~0.57 J~~ U
1,1,2,2-Tetrachloroethane	1.4	~~0.22 J~~ U	9.8	~~1.5 J~~ U
1,4-Dichlorobenzene	1.4	~~0.30 J~~ U	8.6	~~1.8 J~~ U
alpha-Chlorotoluene	1.4	~~0.13 J~~ U	7.4	~~0.69 J~~ U
Butane	5.7	15	14	35
Isopentane	5.7	19	17	56

Client Sample ID: VMP-6-31.5-042913

Lab ID#: 1305031A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.56 J	7.5	2.8 J
Ethanol	6.1	~~1.6 J~~ U	11	~~3.0 J~~ U
Acetone	15	4.1 J	36	9.8 J
Carbon Disulfide	6.1	~~1.9 J~~ U	19	~~5.9 J~~ U
Chloroform	1.5	1.7	7.4	8.4
Cyclohexane	1.5	0.49 J	5.2	1.7 J
2,2,4-Trimethylpentane	1.5	21	7.1	100
Benzene	1.5	0.82 J	4.8	2.6 J
trans-1,3-Dichloropropene	1.5	~~0.35 J~~ U	6.9	~~1.6 J~~ U
Chlorobenzene	1.5	~~0.65 J~~ U	7.0	~~3.0 J~~ U
Ethyl Benzene	1.5	0.37 J	6.6	1.6 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-6-31.5-042913

Lab ID#: 1305031A-05A

1,1,2,2-Tetrachloroethane	1.5	0.24 J	10	1.6 J
Propylbenzene	1.5	0.33 J	7.4	1.6 J
4-Ethyltoluene	1.5	0.18 J	7.4	0.86 J
1,3-Dichlorobenzene	1.5	0.30 J	9.1	1.8 J
1,4-Dichlorobenzene	1.5	0.31 J	9.1	1.8 J
alpha-Chlorotoluene	1.5	0.26 J	7.8	1.3 J
Butane	6.1	6.6	14	16
Isopentane	6.1	2.4 J	18	7.1 J

Client Sample ID: VMP-8-5-042513

Lab ID#: 1305031A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.49 J	7.2	2.4 J
Ethanol	5.8	1.0 J	11	1.9 J
Acetone	14	3.3 J	34	7.8 J
Carbon Disulfide	5.8	1.1 J	18	3.4 J
2,2,4-Trimethylpentane	1.4	40	6.8	180
Benzene	1.4	0.38 J	4.6	1.2 J
Chlorobenzene	1.4	0.59 J	6.7	2.7 J
Ethyl Benzene	1.4	1.5	6.3	6.5
m,p-Xylene	1.4	0.69 J	6.3	3.0 J
Cumene	1.4	1.5	7.1	7.5
Propylbenzene	1.4	4.8	7.1	24
4-Ethyltoluene	1.4	1.4	7.1	6.9
1,3,5-Trimethylbenzene	1.4	0.66 J	7.1	3.2 J
1,2,4-Trimethylbenzene	1.4	4.2	7.1	20
1,4-Dichlorobenzene	1.4	0.30 J	8.7	1.8 J
Isopentane	5.8	17	17	49

Client Sample ID: VMP-8-9.5-042513

Lab ID#: 1305031A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-8-9.5-042513

Lab ID#: 1305031A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	0.52 J	6.6	2.6 J
Freon 11	1.3	0.30 J	7.5	1.7 J
Ethanol	5.4	2.2 J	10	4.2 J
Acetone	13	6.8 J	32	16 J
Carbon Disulfide	5.4	1.3 J	17	3.9 J
Methylene Chloride	13	0.44 J	46	1.5 J
2-Butanone (Methyl Ethyl Ketone)	5.4	1.0 J	16	3.0 J
2,2,4-Trimethylpentane	1.3	25	6.2	120
Benzene	1.3	1.1 J	4.3	3.5 J
trans-1,3-Dichloropropene	1.3	0.50 J	6.1	2.2 J
Chlorobenzene	1.3	0.58 J	6.2	2.6 J
Ethyl Benzene	1.3	0.46 J	5.8	2.0 J
Styrene	1.3	0.13 J	5.7	0.56 J
Cumene	1.3	0.25 J	6.6	1.2 J
1,1,2,2-Tetrachloroethane	1.3	0.15 J	9.2	1.0 J
Propylbenzene	1.3	0.63 J	6.6	3.1 J
4-Ethyltoluene	1.3	0.22 J	6.6	1.1 J
1,2,4-Trimethylbenzene	1.3	0.48 J	6.6	2.4 J
1,3-Dichlorobenzene	1.3	0.28 J	8.0	1.7 J
1,4-Dichlorobenzene	1.3	0.38 J	8.0	2.3 J
alpha-Chlorotoluene	1.3	0.28 J	6.9	1.4 J
Isopentane	5.4	5.8	16	17

Client Sample ID: VMP-11-5-043013

Lab ID#: 1305031A-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.53 J	7.4	2.6 J
Ethanol	6.0	2.4 J	11	4.6 J
Acetone	15	5.7 J	36	14 J
Carbon Disulfide	6.0	1.1 J	19	3.4 J
Methylene Chloride	15	0.50 J	52	1.7 J
2,2,4-Trimethylpentane	1.5	12	7.0	54

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-11-5-043013

Lab ID#: 1305031A-08A

Chlorobenzene	1.5	~~0.76 J~~ U	6.9	~~3.5 J~~ U
Propylbenzene	1.5	~~0.25 J~~ U	7.4	~~1.2 J~~ U
1,3-Dichlorobenzene	1.5	~~0.31 J~~ U	9.0	~~1.8 J~~ U
1,4-Dichlorobenzene	1.5	~~0.39 J~~ U	9.0	~~2.3 J~~ U
Isopentane	6.0	2.0 J	18	6.0 J

Client Sample ID: VMP-11-29-043013

Lab ID#: 1305031A-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.66 J	7.0	3.2 J
Ethanol	5.7	~~1.9 J~~ U	11	~~3.5 J~~ U
Acetone	14	7.5 J	34	18 J
Carbon Disulfide	5.7	~~1.0 J~~ U	18	~~3.3 J~~ U
Chloroform	1.4	16	7.0	76
2,2,4-Trimethylpentane	1.4	42	6.6	200
Benzene	1.4	~~0.40 J~~ U	4.6	~~1.3 J~~ U
Bromodichloromethane	1.4	2.6	9.5	17
Toluene	1.4	~~0.28 J~~ U	5.4	~~1.0 J~~ U
trans-1,3-Dichloropropene	1.4	~~0.39 J~~ U	6.5	~~1.8 J~~ U
Chlorobenzene	1.4	~~0.64 J~~ U	6.6	~~2.9 J~~ U
Ethyl Benzene	1.4	0.64 J	6.2	2.8 J
m,p-Xylene	1.4	~~0.61 J~~ U	6.2	~~2.6 J~~ U
Cumene	1.4	~~0.34 J~~ U	7.0	~~1.7 J~~ U
Propylbenzene	1.4	~~0.79 J~~ U	7.0	~~3.9 J~~ U
4-Ethyltoluene	1.4	~~0.35 J~~ U	7.0	~~1.7 J~~ U
1,4-Dichlorobenzene	1.4	~~0.30 J~~ U	8.6	~~1.8 J~~ U
Isopentane	5.7	6.9	17	20

Client Sample ID: VMP-11-38-043013

Lab ID#: 1305031A-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.55 J	7.4	2.7 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-11-38-043013

Lab ID#: 1305031A-10A

Chloromethane	15	1.9 J	31	3.9 J
Freon 11	1.5	0.31 J	8.4	1.7 J
Ethanol	6.0	~~1.6 J~~ U	11	~~2.9 J~~ U
Acetone	15	3.6 J	36	8.5 J
Carbon Disulfide	6.0	~~1.5 J~~ U	19	~~4.7 J~~ U
Methyl tert-butyl ether	1.5	10	5.4	36
Chloroform	1.5	7.4	7.3	36
2,2,4-Trimethylpentane	1.5	14	7.0	64
Benzene	1.5	0.85 J	4.8	2.7 J
Chlorobenzene	1.5	~~0.69 J~~ U	6.9	~~3.2 J~~ U
Propylbenzene	1.5	~~0.36 J~~ U	7.4	~~1.8 J~~ U
1,4-Dichlorobenzene	1.5	~~0.30 J~~ U	9.0	~~1.8 J~~ U
Isopentane	6.0	2.7 J	18	8.0 J

Client Sample ID: VMP-24-10-042513

Lab ID#: 1305031A-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	53	10 J	120	25 J
2,2,4-Trimethylpentane	5.3	1300	25	6100
Benzene	5.3	1.6 J	17	5.3 J
Ethyl Benzene	5.3	78	23	340
m,p-Xylene	5.3	31	23	130
o-Xylene	5.3	1.2 J	23	5.2 J
Cumene	5.3	44	26	220
Propylbenzene	5.3	110	26	530
4-Ethyltoluene	5.3	26	26	120
1,3,5-Trimethylbenzene	5.3	9.8	26	48
1,2,4-Trimethylbenzene	5.3	60	26	290
Isopentane	21	23	62	69

Client Sample ID: VMP-24-22-042513

Lab ID#: 1305031A-12A

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-24-22-042513

Lab ID#: 1305031A-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.52 J	6.7	2.6 J
Freon 11	1.4	0.30 J	7.6	1.7 J
Ethanol	5.4	~~2.5 J~~ U	10	~~4.8 J~~ U
Acetone	14	3.8 J	32	9.1 J
Carbon Disulfide	5.4	~~1.0 J~~ U	17	~~3.2 J~~ U
Hexane	1.4	5.2	4.8	18
Cyclohexane	1.4	1.7	4.6	5.8
2,2,4-Trimethylpentane	1.4	3.0	6.3	14
Benzene	1.4	5.1	4.3	16
Heptane	1.4	4.3	5.5	17
Toluene	1.4	1.7	5.1	6.4
trans-1,3-Dichloropropene	1.4	~~0.30 J~~ U	6.1	~~1.3 J~~ U
Chlorobenzene	1.4	~~0.64 J~~ U	6.2	~~2.9 J~~ U
Ethyl Benzene	1.4	2.0	5.9	8.7
m,p-Xylene	1.4	3.6	5.9	16
o-Xylene	1.4	1.8	5.9	7.8
4-Ethyltoluene	1.4	~~0.52 J~~ U	6.6	~~2.5 J~~ U
1,4-Dichlorobenzene	1.4	~~0.28 J~~ U	8.1	~~1.7 J~~ U
Butane	5.4	7.9	13	19
Isopentane	5.4	9.2	16	27

Client Sample ID: VMP-24-22-042513-Dup

Lab ID#: 1305031A-13A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.59 J	7.3	2.9 J
Freon 11	1.5	0.30 J	8.3	1.7 J
Ethanol	5.9	~~1.2 J~~ U	11	~~2.4 J~~ U
Acetone	15	4.0 J	35	9.6 J
Carbon Disulfide	5.9	~~1.2 J~~ U	18	~~3.7 J~~ U
Methylene Chloride	15	~~0.41 J~~ U	51	~~1.4 J~~ U
Hexane	1.5	2.9	5.2	10
Cyclohexane	1.5	1.0 J	5.1	3.5 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-24-22-042513-Dup

Lab ID#: 1305031A-13A

2,2,4-Trimethylpentane	1.5	1.6	6.9	7.6
Benzene	1.5	3.1	4.7	9.8
Heptane	1.5	2.6	6.1	10
Toluene	1.5	0.99 J	5.6	3.7 J
trans-1,3-Dichloropropene	1.5	~~0.34 J~~ U	6.7	~~1.5 J~~ U
Chlorobenzene	1.5	~~0.71 J~~ U	6.8	~~3.3 J~~ U
Ethyl Benzene	1.5	0.80 J	6.4	3.5 J
m,p-Xylene	1.5	1.3 J	6.4	5.5 J
o-Xylene	1.5	0.74 J	6.4	3.2 J
4-Ethyltoluene	1.5	~~0.32 J~~ U	7.3	~~1.6 J~~ U
Butane	5.9	3.8 J	14	9.0 J
Isopentane	5.9	5.3 J	17	16 J

Client Sample ID: VMP-41-10-043013

Lab ID#: 1305031A-14A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.59 J	6.8	2.9 J
Freon 11	1.4	0.30 J	7.7	1.6 J
Ethanol	5.5	~~1.6 J~~ U	10	~~3.0 J~~ U
Acetone	14	5.2 J	32	12 J
Carbon Disulfide	5.5	~~0.83 J~~ U	17	~~2.6 J~~ U
Hexane	1.4	0.54 J	4.8	1.9 J
2-Butanone (Methyl Ethyl Ketone)	5.5	1.1 J	16	3.2 J
2,2,4-Trimethylpentane	1.4	1.2 J	6.4	5.7 J
Benzene	1.4	6.5	4.4	21
Heptane	1.4	0.37 J	5.6	1.5 J
Chlorobenzene	1.4	~~0.66 J~~ U	6.3	~~3.0 J~~ U

Client Sample ID: VMP-41-20-043013

Lab ID#: 1305031A-15A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.47 J	6.7	2.3 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-41-20-043013

Lab ID#: 1305031A-15A

Ethanol	5.4	~~1.7 J~~ U	10	~~3.1 J~~ U
Acetone	14	3.6 J	32	8.6 J
Hexane	1.4	0.76 J	4.8	2.7 J
2,2,4-Trimethylpentane	1.4	~~0.20 J~~ U	6.4	~~0.94 J~~ U
Benzene	1.4	~~0.52 J~~ U	4.3	~~1.6 J~~ U
Heptane	1.4	0.48 J	5.6	2.0 J
Toluene	1.4	~~0.28 J~~ U	5.1	~~1.0 J~~ U
trans-1,3-Dichloropropene	1.4	~~0.28 J~~ U	6.2	~~1.3 J~~ U
Chlorobenzene	1.4	~~0.62 J~~ U	6.3	~~2.9 J~~ U
m,p-Xylene	1.4	~~0.52 J~~ U	5.9	~~2.3 J~~ U
o-Xylene	1.4	~~0.35 J~~ U	5.9	~~1.5 J~~ U
4-Ethyltoluene	1.4	~~0.16 J~~ U	6.7	~~0.77 J~~ U

Client Sample ID: VMP-41-20-043013-Dup

Lab ID#: 1305031A-16A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.65 J	7.0	3.2 J
Ethanol	5.7	~~1.2 J~~ U	11	~~2.2 J~~ U
Acetone	14	2.7 J	34	6.5 J
Hexane	1.4	0.46 J	5.0	1.6 J
Benzene	1.4	~~0.44 J~~ U	4.5	~~1.4 J~~ U
Chlorobenzene	1.4	~~0.63 J~~ U	6.5	~~2.9 J~~ U
o-Xylene	1.4	~~0.21 J~~ U	6.1	~~0.90 J~~ U

Client Sample ID: VMP-41-30-043013

Lab ID#: 1305031A-17A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.55 J	7.0	2.7 J
Ethanol	5.7	~~1.6 J~~ U	11	~~3.0 J~~ U
Acetone	14	4.0 J	34	9.6 J
Carbon Disulfide	5.7	~~0.72 J~~ U	18	~~2.2 J~~ U
Methylene Chloride	14	~~0.43 J~~ U	49	~~1.5 J~~ U

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-41-30-043013

Lab ID#: 1305031A-17A

Hexane	1.4	3.0	5.0	11
2,2,4-Trimethylpentane	1.4	23	6.6	110
Benzene	1.4	1.7	4.5	5.5
Heptane	1.4	1.8	5.8	7.4
Toluene	1.4	~~0.31 J~~ U	5.4	~~1.2 J~~ U
Chlorobenzene	1.4	~~0.56 J~~ U	6.5	~~2.6 J~~ U
Propylbenzene	1.4	~~0.31 J~~ U	7.0	~~1.5 J~~ U
Butane	5.7	6.4	14	15
Isopentane	5.7	20	17	58

Client Sample ID: VMP-43-20-043013

Lab ID#: 1305031A-18A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.68 J	7.8	3.4 J
Ethanol	6.3	7.4	12	14
Acetone	16	27	38	65
2-Propanol	6.3	6.4	16	16
Carbon Disulfide	6.3	~~2.2 J~~ U	20	~~6.8 J~~ U
Hexane	1.6	0.64 J	5.6	2.2 J
2-Butanone (Methyl Ethyl Ketone)	6.3	4.6 J	19	14 J
Chloroform	1.6	~~0.47 J~~ U	7.7	~~2.3 J~~ U
2,2,4-Trimethylpentane	1.6	3.7	7.4	18
Benzene	1.6	1.6	5.0	5.0
Heptane	1.6	0.48 J	6.5	2.0 J
4-Methyl-2-pentanone	1.6	0.58 J	6.5	2.4 J
Toluene	1.6	1.1 J	6.0	4.1 J
trans-1,3-Dichloropropene	1.6	~~0.35 J~~ U	7.2	~~1.6 J~~ U
Chlorobenzene	1.6	~~0.73 J~~ U	7.3	~~3.4 J~~ U
m,p-Xylene	1.6	0.63 J	6.9	2.7 J
o-Xylene	1.6	~~0.26 J~~ U	6.9	~~1.1 J~~ U
1,4-Dichlorobenzene	1.6	~~0.35 J~~ U	9.5	~~2.1 J~~ U
alpha-Chlorotoluene	1.6	~~0.32 J~~ U	8.2	~~1.6 J~~ U
Butane	6.3	12	15	29
Isopentane	6.3	3.0 J	19	8.7 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-43-30-043013

Lab ID#: 1305031A-19A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.47 J	7.5	2.3 J
Freon 11	1.5	0.36 J	8.6	2.0 J
Ethanol	6.1	12	11	22
Acetone	15	10 J	36	25 J
Carbon Disulfide	6.1	~~1.0 J~~ U	19	~~3.3 J~~ U
Methylene Chloride	15	~~0.52 J~~ U	53	~~1.8 J~~ U
2-Butanone (Methyl Ethyl Ketone)	6.1	6.2	18	18
Chloroform	1.5	7.2	7.4	35
Benzene	1.5	~~0.71 J~~ U	4.9	~~2.2 J~~ U
Bromodichloromethane	1.5	2.2	10	15
4-Methyl-2-pentanone	1.5	1.3 J	6.2	5.2 J
Toluene	1.5	~~0.28 J~~ U	5.7	~~1.1 J~~ U
trans-1,3-Dichloropropene	1.5	~~0.46 J~~ U	6.9	~~2.1 J~~ U
Dibromochloromethane	1.5	~~0.57 J~~ U	13	~~4.8 J~~ U
Chlorobenzene	1.5	~~0.64 J~~ U	7.0	~~2.9 J~~ U
1,4-Dichlorobenzene	1.5	~~0.34 J~~ U	9.2	~~2.0 J~~ U
Butane	6.1	5.3 J	14	12 J

Client Sample ID: VMP-45-10-042913

Lab ID#: 1305031A-20A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.53 J	7.1	2.6 J
Ethanol	5.8	3.2 J	11	6.0 J
Acetone	14	8.4 J	34	20 J
Carbon Disulfide	5.8	~~1.1 J~~ U	18	~~3.3 J~~ U
Methylene Chloride	14	1.5 J	50	5.1 J
2,2,4-Trimethylpentane	1.4	42	6.8	190
Benzene	1.4	~~0.33 J~~ U	4.6	~~1.0 J~~ U
Chlorobenzene	1.4	~~0.59 J~~ U	6.6	~~2.7 J~~ U
Ethyl Benzene	1.4	0.77 J	6.3	3.4 J
m,p-Xylene	1.4	0.41 J	6.3	1.8 J
Cumene	1.4	~~0.53 J~~ U	7.1	~~2.6 J~~ U

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-45-10-042913

Lab ID#: 1305031A-20A

Propylbenzene	1.4	~~0.56 J~~	7.1	~~2.8 J~~
4-Ethyltoluene	1.4	~~0.21 J~~	7.1	~~1.0 J~~
Isopentane	5.8	9.5	17	28

Client Sample ID: VMP-45-20-042913

Lab ID#: 1305031A-21A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.45 J	7.5	2.2 J
Ethanol	6.1	2.1 J	11	4.0 J
Acetone	15	8.5 J	36	20 J
Carbon Disulfide	6.1	~~0.93 J~~	19	~~2.9 J~~
Hexane	1.5	3.4	5.4	12
2-Butanone (Methyl Ethyl Ketone)	6.1	1.7 J	18	5.0 J
Cyclohexane	1.5	1.5	5.2	5.1
2,2,4-Trimethylpentane	1.5	14	7.1	63
Benzene	1.5	4.0	4.9	13
Heptane	1.5	3.5	6.2	14
Toluene	1.5	1.5	5.7	5.7
Chlorobenzene	1.5	~~0.71 J~~	7.0	~~3.3 J~~
Ethyl Benzene	1.5	2.6	6.6	11
m,p-Xylene	1.5	5.0	6.6	22
o-Xylene	1.5	2.5	6.6	11
Styrene	1.5	~~0.20 J~~	6.5	~~0.84 J~~
4-Ethyltoluene	1.5	~~1.0 J~~	7.5	~~5.0 J~~
1,2,4-Trimethylbenzene	1.5	~~0.49 J~~	7.5	~~2.4 J~~
Butane	6.1	4.7 J	14	11 J
Isopentane	6.1	4.2 J	18	12 J

Client Sample ID: VMP-45-20-042913-Dup

Lab ID#: 1305031A-22A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.52 J	7.4	2.6 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-45-20-042913-Dup

Lab ID#: 1305031A-22A

Ethanol	6.0	1.1 J	11	2.1 J
Acetone	15	9.3 J	35	22 J
Carbon Disulfide	6.0	~~0.74 J~~ U	18	~~2.3 J~~ U
Methylene Chloride	15	~~0.76 J~~ U	52	~~2.6 J~~ U
Hexane	1.5	5.4	5.2	19
2-Butanone (Methyl Ethyl Ketone)	6.0	2.1 J	18	6.2 J
Cyclohexane	1.5	2.3	5.1	7.9
2,2,4-Trimethylpentane	1.5	16	7.0	73
Benzene	1.5	5.1	4.8	16
Heptane	1.5	4.6	6.1	19
Toluene	1.5	1.8	5.6	7.0
Chlorobenzene	1.5	~~0.67 J~~ U	6.8	~~3.1 J~~ U
Ethyl Benzene	1.5	3.0	6.5	13
m,p-Xylene	1.5	6.3	6.5	27
o-Xylene	1.5	3.5	6.5	15
Styrene	1.5	~~0.29 J~~ U	6.3	~~1.2 J~~ U
Cumene	1.5	~~0.26 J~~ U	7.3	~~1.3 J~~ U
Propylbenzene	1.5	~~0.24 J~~ U	7.3	~~1.2 J~~ U
4-Ethyltoluene	1.5	1.2 J	7.3	6.0 J
1,3,5-Trimethylbenzene	1.5	~~0.59 J~~ U	7.3	~~2.9 J~~ U
1,2,4-Trimethylbenzene	1.5	~~0.52 J~~ U	7.3	~~2.6 J~~ U
1,4-Dichlorobenzene	1.5	~~0.34 J~~ U	9.0	~~2.0 J~~ U
Butane	6.0	6.8	14	16
Isopentane	6.0	7.2	18	21

Client Sample ID: VMP-45-30-042913

Lab ID#: 1305031A-23A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	2.9	0.53 J	14	2.6 J
Acetone	29	11 J	70	27 J
2,2,4-Trimethylpentane	2.9	60	14	280
Benzene	2.9	1.9 J	9.4	6.2 J
Chlorobenzene	2.9	~~1.4 J~~ U	14	~~6.2 J~~ U
Ethyl Benzene	2.9	1.0 J	13	4.4 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-45-30-042913

Lab ID#: 1305031A-23A

Styrene	2.9	~~0.33 J~~ U		12	~~1.4 J~~ U
Cumene	2.9	~~0.57 J~~ U		14	~~2.8 J~~ U
Propylbenzene	2.9	2.8 J		14	14 J
4-Ethyltoluene	2.9	~~0.54 J~~ U		14	~~2.6 J~~ U
1,2-Dichlorobenzene	2.9	~~0.70 J~~ U		18	~~4.2 J~~ U
Isopentane	12	4.6 J		35	14 J

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Client Sample ID: VMP-5-5-042913

Lab ID#: 1305031A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050306**	**Date of Collection:**	**4/29/13 9:45:00 AM**
Dil. Factor:	**2.81**	**Date of Analysis:**	**5/3/13 12:23 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.51 J	6.9	2.5 J
Freon 114	1.4	Not Detected	9.8	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.1	Not Detected
Bromomethane	14	Not Detected	54	Not Detected
Chloroethane	5.6	Not Detected	15	Not Detected
Freon 11	1.4	0.32 J	7.9	1.8 J
Ethanol	5.6	~~2.1 J~~	10	~~4.0 J~~
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Acetone	14	7.4 J	33	17 J
2-Propanol	5.6	Not Detected	14	Not Detected
Carbon Disulfide	5.6	~~1.4 J~~	18	~~4.4 J~~
3-Chloropropene	5.6	Not Detected	18	Not Detected
Methylene Chloride	14	~~0.60 J~~	49	~~2.1 J~~
Methyl tert-butyl ether	1.4	Not Detected	5.1	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Hexane	1.4	Not Detected	5.0	Not Detected
1,1-Dichloroethane	1.4	Not Detected	5.7	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.6	1.3 J	16	3.7 J
cis-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Tetrahydrofuran	1.4	0.65 J	4.1	1.9 J
Chloroform	1.4	Not Detected	6.9	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Cyclohexane	1.4	Not Detected	4.8	Not Detected
Carbon Tetrachloride	1.4	Not Detected	8.8	Not Detected
2,2,4-Trimethylpentane	1.4	~~0.29 J~~	6.6	~~1.3 J~~
Benzene	1.4	0.96 J	4.5	3.0 J
1,2-Dichloroethane	1.4	~~0.40 J~~	5.7	~~1.6 J~~
Heptane	1.4	Not Detected	5.8	Not Detected
Trichloroethene	1.4	Not Detected	7.6	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.5	Not Detected
1,4-Dioxane	5.6	1.1 J	20	4.0 J
Bromodichloromethane	1.4	Not Detected	9.4	Not Detected
cis-1,3-Dichloropropene	1.4	~~0.32 J~~	6.4	~~1.5 J~~
4-Methyl-2-pentanone	1.4	Not Detected	5.8	Not Detected
Toluene	1.4	~~0.28 J~~	5.3	~~1.0 J~~
trans-1,3-Dichloropropene	1.4	~~0.49 J~~	6.4	~~2.2 J~~
1,1,2-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Tetrachloroethene	1.4	~~0.54 J~~	9.5	~~3.7 J~~
2-Hexanone	5.6	Not Detected	23	Not Detected

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Client Sample ID: VMP-5-5-042913

Lab ID#: 1305031A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050306**	**Date of Collection:**	**4/29/13 9:45:00 AM**
Dil. Factor:	**2.81**	**Date of Analysis:**	**5/3/13 12:23 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	0.28 J	12	2.4 J
1,2-Dibromoethane (EDB)	1.4	0.40 J	11	3.1 J
Chlorobenzene	1.4	0.73 J	6.5	3.4 J
Ethyl Benzene	1.4	Not Detected	6.1	Not Detected
m,p-Xylene	1.4	Not Detected	6.1	Not Detected
o-Xylene	1.4	Not Detected	6.1	Not Detected
Styrene	1.4	0.19 J	6.0	0.82 J
Bromoform	1.4	0.22 J	14	2.2 J
Cumene	1.4	Not Detected	6.9	Not Detected
1,1,2,2-Tetrachloroethane	1.4	0.18 J	9.6	1.2 J
Propylbenzene	1.4	0.25 J	6.9	1.2 J
4-Ethyltoluene	1.4	Not Detected	6.9	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	6.9	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	6.9	Not Detected
1,3-Dichlorobenzene	1.4	0.42 J	8.4	2.6 J
1,4-Dichlorobenzene	1.4	0.52 J	8.4	3.1 J
alpha-Chlorotoluene	1.4	0.28 J	7.3	1.4 J
1,2-Dichlorobenzene	1.4	0.38 J	8.4	2.3 J
1,2,4-Trichlorobenzene	5.6	1.3 J	42	9.5 J
Hexachlorobutadiene	5.6	Not Detected	60	Not Detected
Butane	5.6	Not Detected	13	Not Detected
Isopentane	5.6	Not Detected	16	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	93	70-130

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Client Sample ID: VMP-5-12.5-042913

Lab ID#: 1305031A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j050307	Date of Collection:	4/29/13 10:37:00 AM
Dil. Factor:	3.15	Date of Analysis:	5/3/13 01:03 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.55 J	7.8	2.7 J
Freon 114	1.6	Not Detected	11	Not Detected
Chloromethane	16	2.5 J	32	5.2 J
Vinyl Chloride	1.6	Not Detected	4.0	Not Detected
1,3-Butadiene	1.6	Not Detected	3.5	Not Detected
Bromomethane	16	Not Detected	61	Not Detected
Chloroethane	6.3	Not Detected	17	Not Detected
Freon 11	1.6	Not Detected	8.8	Not Detected
Ethanol	6.3	3.5 J	12	6.6 J
Freon 113	1.6	Not Detected	12	Not Detected
1,1-Dichloroethene	1.6	Not Detected	6.2	Not Detected
Acetone	16	20	37	47
2-Propanol	6.3	Not Detected	15	Not Detected
Carbon Disulfide	6.3	~~1.5 J~~ U	20	~~4.6 J~~ U
3-Chloropropene	6.3	Not Detected	20	Not Detected
Methylene Chloride	16	~~0.44 J~~ U	55	~~1.5 J~~ U
Methyl tert-butyl ether	1.6	Not Detected	5.7	Not Detected
trans-1,2-Dichloroethene	1.6	~~0.57 J~~ U	6.2	~~2.2 J~~ U
Hexane	1.6	1.3 J	5.6	4.5 J
1,1-Dichloroethane	1.6	Not Detected	6.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.3	3.4 J	18	10 J
cis-1,2-Dichloroethene	1.6	Not Detected	6.2	Not Detected
Tetrahydrofuran	1.6	Not Detected	4.6	Not Detected
Chloroform	1.6	~~0.50 J~~ U	7.7	~~2.4 J~~ U
1,1,1-Trichloroethane	1.6	Not Detected	8.6	Not Detected
Cyclohexane	1.6	2.5	5.4	8.6
Carbon Tetrachloride	1.6	Not Detected	9.9	Not Detected
2,2,4-Trimethylpentane	1.6	10	7.4	49
Benzene	1.6	0.98 J	5.0	3.1 J
1,2-Dichloroethane	1.6	~~0.35 J~~ U	6.4	~~1.4 J~~ U
Heptane	1.6	0.58 J	6.4	2.4 J
Trichloroethene	1.6	Not Detected	8.5	Not Detected
1,2-Dichloropropane	1.6	Not Detected	7.3	Not Detected
1,4-Dioxane	6.3	Not Detected	23	Not Detected
Bromodichloromethane	1.6	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.6	Not Detected	7.1	Not Detected
4-Methyl-2-pentanone	1.6	0.51 J	6.4	2.1 J
Toluene	1.6	~~0.57 J~~ U	5.9	~~2.1 J~~ U
trans-1,3-Dichloropropene	1.6	~~0.47 J~~ U	7.1	~~2.2 J~~ U
1,1,2-Trichloroethane	1.6	Not Detected	8.6	Not Detected
Tetrachloroethene	1.6	Not Detected	11	Not Detected
2-Hexanone	6.3	Not Detected	26	Not Detected

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Client Sample ID: VMP-5-12.5-042913

Lab ID#: 1305031A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050307**	**Date of Collection: 4/29/13 10:37:00 AM**	
Dil. Factor:	**3.15**	**Date of Analysis: 5/3/13 01:03 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.6	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.6	0.36 J	12	2.8 J
Chlorobenzene	1.6	0.73 J	7.2	3.3 J
Ethyl Benzene	1.6	0.51 J	6.8	2.2 J
m,p-Xylene	1.6	2.2	6.8	9.4
o-Xylene	1.6	1.0 J	6.8	4.4 J
Styrene	1.6	0.32 J	6.7	1.3 J
Bromoform	1.6	Not Detected	16	Not Detected
Cumene	1.6	Not Detected	7.7	Not Detected
1,1,2,2-Tetrachloroethane	1.6	0.28 J	11	1.9 J
Propylbenzene	1.6	0.37 J	7.7	1.8 J
4-Ethyltoluene	1.6	1.2 J	7.7	5.7 J
1,3,5-Trimethylbenzene	1.6	Not Detected	7.7	Not Detected
1,2,4-Trimethylbenzene	1.6	1.2 J	7.7	6.0 J
1,3-Dichlorobenzene	1.6	0.34 J	9.5	2.0 J
1,4-Dichlorobenzene	1.6	0.43 J	9.5	2.6 J
alpha-Chlorotoluene	1.6	0.32 J	8.2	1.7 J
1,2-Dichlorobenzene	1.6	Not Detected	9.5	Not Detected
1,2,4-Trichlorobenzene	6.3	Not Detected	47	Not Detected
Hexachlorobutadiene	6.3	Not Detected	67	Not Detected
Butane	6.3	35	15	83
Isopentane	6.3	86	18	260

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: VMP-5-31-042913

Lab ID#: 1305031A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050308**	**Date of Collection:**	**4/29/13 12:00:00 PM**
Dil. Factor:	**2.88**	**Date of Analysis:**	**5/3/13 01:36 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.55 J	7.1	2.7 J
Freon 114	1.4	Not Detected	10	Not Detected
Chloromethane	14	Not Detected	30	Not Detected
Vinyl Chloride	1.4	Not Detected	3.7	Not Detected
1,3-Butadiene	1.4	Not Detected	3.2	Not Detected
Bromomethane	14	Not Detected	56	Not Detected
Chloroethane	5.8	Not Detected	15	Not Detected
Freon 11	1.4	Not Detected	8.1	Not Detected
Ethanol	5.8	5.7 J	11	11 J
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Acetone	14	10 J	34	24 J
2-Propanol	5.8	9.7	14	24
Carbon Disulfide	5.8	~~1.3 J~~ U	18	~~4.2 J~~ U
3-Chloropropene	5.8	Not Detected	18	Not Detected
Methylene Chloride	14	~~0.47 J~~ U	50	~~1.6 J~~ U
Methyl tert-butyl ether	1.4	Not Detected	5.2	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Hexane	1.4	3.1	5.1	11
1,1-Dichloroethane	1.4	Not Detected	5.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.8	12	17	36
cis-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Tetrahydrofuran	1.4	0.94 J	4.2	2.8 J
Chloroform	1.4	1.3 J	7.0	6.6 J
1,1,1-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Cyclohexane	1.4	1.0 J	5.0	3.5 J
Carbon Tetrachloride	1.4	Not Detected	9.1	Not Detected
2,2,4-Trimethylpentane	1.4	4.5	6.7	21
Benzene	1.4	2.2	4.6	7.0
1,2-Dichloroethane	1.4	Not Detected	5.8	Not Detected
Heptane	1.4	0.38 J	5.9	1.6 J
Trichloroethene	1.4	Not Detected	7.7	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.6	Not Detected
1,4-Dioxane	5.8	Not Detected	21	Not Detected
Bromodichloromethane	1.4	Not Detected	9.6	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
4-Methyl-2-pentanone	1.4	2.4	5.9	9.6
Toluene	1.4	~~0.45 J~~ U	5.4	~~1.7 J~~ U
trans-1,3-Dichloropropene	1.4	~~0.30 J~~ U	6.5	~~1.4 J~~ U
1,1,2-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Tetrachloroethene	1.4	Not Detected	9.8	Not Detected
2-Hexanone	5.8	Not Detected	24	Not Detected

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Client Sample ID: VMP-5-31-042913

Lab ID#: 1305031A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050308**	**Date of Collection: 4/29/13 12:00:00 PM**	
Dil. Factor:	**2.88**	**Date of Analysis: 5/3/13 01:36 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	0.64 J	6.6	3.0 J
Ethyl Benzene	1.4	Not Detected	6.2	Not Detected
m,p-Xylene	1.4	Not Detected	6.2	Not Detected
o-Xylene	1.4	Not Detected	6.2	Not Detected
Styrene	1.4	Not Detected	6.1	Not Detected
Bromoform	1.4	0.25 J	15	2.6 J
Cumene	1.4	0.36 J	7.1	1.7 J
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.9	Not Detected
Propylbenzene	1.4	Not Detected	7.1	Not Detected
4-Ethyltoluene	1.4	Not Detected	7.1	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
1,3-Dichlorobenzene	1.4	0.33 J	8.6	2.0 J
1,4-Dichlorobenzene	1.4	0.34 J	8.6	2.0 J
alpha-Chlorotoluene	1.4	0.28 J	7.4	1.4 J
1,2-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,2,4-Trichlorobenzene	5.8	Not Detected	43	Not Detected
Hexachlorobutadiene	5.8	Not Detected	61	Not Detected
Butane	5.8	18	14	44
Isopentane	5.8	15	17	45

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	91	70-130

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Client Sample ID: VMP-5-40-042913

Lab ID#: 1305031A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j050309	**Date of Collection:**	4/29/13 12:56:00 PM
Dil. Factor:	2.85	**Date of Analysis:**	5/3/13 02:01 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.53 J	7.0	2.6 J
Freon 114	1.4	Not Detected	10	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.2	Not Detected
Bromomethane	14	Not Detected	55	Not Detected
Chloroethane	5.7	Not Detected	15	Not Detected
Freon 11	1.4	0.29 J	8.0	1.6 J
Ethanol	5.7	Not Detected	11	Not Detected
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Acetone	14	8.4 J	34	20 J
2-Propanol	5.7	Not Detected	14	Not Detected
Carbon Disulfide	5.7	~~1.1 J~~ U	18	~~3.4 J~~ U
3-Chloropropene	5.7	Not Detected	18	Not Detected
Methylene Chloride	14	Not Detected	50	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.1	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Hexane	1.4	2.6	5.0	9.0
1,1-Dichloroethane	1.4	Not Detected	5.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.7	3.7 J	17	11 J
cis-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
Chloroform	1.4	3.5	7.0	17
1,1,1-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Cyclohexane	1.4	1.3 J	4.9	4.5 J
Carbon Tetrachloride	1.4	Not Detected	9.0	Not Detected
2,2,4-Trimethylpentane	1.4	70	6.6	330
Benzene	1.4	1.1 J	4.6	3.6 J
1,2-Dichloroethane	1.4	Not Detected	5.8	Not Detected
Heptane	1.4	0.98 J	5.8	4.0 J
Trichloroethene	1.4	~~0.47 J~~ U	7.6	~~2.5 J~~ U
1,2-Dichloropropane	1.4	Not Detected	6.6	Not Detected
1,4-Dioxane	5.7	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.5	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
4-Methyl-2-pentanone	1.4	0.86 J	5.8	3.5 J
Toluene	1.4	~~0.32 J~~ U	5.4	~~1.2 J~~ U
trans-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Tetrachloroethene	1.4	Not Detected	9.7	Not Detected
2-Hexanone	5.7	Not Detected	23	Not Detected

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Client Sample ID: VMP-5-40-042913

Lab ID#: 1305031A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050309**	**Date of Collection:**	**4/29/13 12:56:00 PM**
Dil. Factor:	**2.85**	**Date of Analysis:**	**5/3/13 02:01 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	0.30 J	11	2.3 J
Chlorobenzene	1.4	0.64 J	6.6	3.0 J
Ethyl Benzene	1.4	Not Detected	6.2	Not Detected
m,p-Xylene	1.4	Not Detected	6.2	Not Detected
o-Xylene	1.4	Not Detected	6.2	Not Detected
Styrene	1.4	0.13 J	6.1	0.57 J
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	Not Detected	7.0	Not Detected
1,1,2,2-Tetrachloroethane	1.4	0.22 J	9.8	1.5 J
Propylbenzene	1.4	Not Detected	7.0	Not Detected
4-Ethyltoluene	1.4	Not Detected	7.0	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,4-Dichlorobenzene	1.4	0.30 J	8.6	1.8 J
alpha-Chlorotoluene	1.4	0.13 J	7.4	0.69 J
1,2-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,2,4-Trichlorobenzene	5.7	Not Detected	42	Not Detected
Hexachlorobutadiene	5.7	Not Detected	61	Not Detected
Butane	5.7	15	14	35
Isopentane	5.7	19	17	56

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: VMP-6-31.5-042913

Lab ID#: 1305031A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050310**	**Date of Collection:**	**4/29/13 4:05:00 PM**
Dil. Factor:	**3.03**	**Date of Analysis:**	**5/3/13 02:40 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.56 J	7.5	2.8 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	Not Detected	31	Not Detected
Vinyl Chloride	1.5	Not Detected	3.9	Not Detected
1,3-Butadiene	1.5	Not Detected	3.4	Not Detected
Bromomethane	15	Not Detected	59	Not Detected
Chloroethane	6.1	Not Detected	16	Not Detected
Freon 11	1.5	Not Detected	8.5	Not Detected
Ethanol	6.1	1.6 J	11	3.0 J
Freon 113	1.5	Not Detected	12	Not Detected
1,1-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Acetone	15	4.1 J	36	9.8 J
2-Propanol	6.1	Not Detected	15	Not Detected
Carbon Disulfide	6.1	1.9 J	19	5.9 J
3-Chloropropene	6.1	Not Detected	19	Not Detected
Methylene Chloride	15	Not Detected	53	Not Detected
Methyl tert-butyl ether	1.5	Not Detected	5.5	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Hexane	1.5	Not Detected	5.3	Not Detected
1,1-Dichloroethane	1.5	Not Detected	6.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.1	Not Detected	18	Not Detected
cis-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.5	Not Detected
Chloroform	1.5	1.7	7.4	8.4
1,1,1-Trichloroethane	1.5	Not Detected	8.3	Not Detected
Cyclohexane	1.5	0.49 J	5.2	1.7 J
Carbon Tetrachloride	1.5	Not Detected	9.5	Not Detected
2,2,4-Trimethylpentane	1.5	21	7.1	100
Benzene	1.5	0.82 J	4.8	2.6 J
1,2-Dichloroethane	1.5	Not Detected	6.1	Not Detected
Heptane	1.5	Not Detected	6.2	Not Detected
Trichloroethene	1.5	Not Detected	8.1	Not Detected
1,2-Dichloropropane	1.5	Not Detected	7.0	Not Detected
1,4-Dioxane	6.1	Not Detected	22	Not Detected
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.9	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.2	Not Detected
Toluene	1.5	Not Detected	5.7	Not Detected
trans-1,3-Dichloropropene	1.5	0.35 J	6.9	1.6 J
1,1,2-Trichloroethane	1.5	Not Detected	8.3	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	6.1	Not Detected	25	Not Detected

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Client Sample ID: VMP-6-31.5-042913

Lab ID#: 1305031A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050310**	**Date of Collection:**	**4/29/13 4:05:00 PM**
Dil. Factor:	**3.03**	**Date of Analysis:**	**5/3/13 02:40 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	12	Not Detected
Chlorobenzene	1.5	0.65 J	7.0	3.0 J
Ethyl Benzene	1.5	0.37 J	6.6	1.6 J
m,p-Xylene	1.5	Not Detected	6.6	Not Detected
o-Xylene	1.5	Not Detected	6.6	Not Detected
Styrene	1.5	Not Detected	6.4	Not Detected
Bromoform	1.5	Not Detected	16	Not Detected
Cumene	1.5	Not Detected	7.4	Not Detected
1,1,2,2-Tetrachloroethane	1.5	0.24 J	10	1.6 J
Propylbenzene	1.5	0.33 J	7.4	1.6 J
4-Ethyltoluene	1.5	0.18 J	7.4	0.86 J
1,3,5-Trimethylbenzene	1.5	Not Detected	7.4	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.4	Not Detected
1,3-Dichlorobenzene	1.5	0.30 J	9.1	1.8 J
1,4-Dichlorobenzene	1.5	0.31 J	9.1	1.8 J
alpha-Chlorotoluene	1.5	0.26 J	7.8	1.3 J
1,2-Dichlorobenzene	1.5	Not Detected	9.1	Not Detected
1,2,4-Trichlorobenzene	6.1	Not Detected	45	Not Detected
Hexachlorobutadiene	6.1	Not Detected	65	Not Detected
Butane	6.1	6.6	14	16
Isopentane	6.1	2.4 J	18	7.1 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: VMP-8-5-042513

Lab ID#: 1305031A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j050311	Date of Collection:	4/25/13 2:13:00 PM
Dil. Factor:	2.90	Date of Analysis:	5/3/13 03:11 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.49 J	7.2	2.4 J
Freon 114	1.4	Not Detected	10	Not Detected
Chloromethane	14	Not Detected	30	Not Detected
Vinyl Chloride	1.4	Not Detected	3.7	Not Detected
1,3-Butadiene	1.4	Not Detected	3.2	Not Detected
Bromomethane	14	Not Detected	56	Not Detected
Chloroethane	5.8	Not Detected	15	Not Detected
Freon 11	1.4	Not Detected	8.1	Not Detected
Ethanol	5.8	~~1.0 J~~ U	11	~~1.9 J~~ U
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Acetone	14	3.3 J	34	7.8 J
2-Propanol	5.8	Not Detected	14	Not Detected
Carbon Disulfide	5.8	~~1.1 J~~ U	18	~~3.4 J~~ U
3-Chloropropene	5.8	Not Detected	18	Not Detected
Methylene Chloride	14	Not Detected	50	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.2	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Hexane	1.4	Not Detected	5.1	Not Detected
1,1-Dichloroethane	1.4	Not Detected	5.9	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.8	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.3	Not Detected
Chloroform	1.4	Not Detected	7.1	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.9	Not Detected
Cyclohexane	1.4	Not Detected	5.0	Not Detected
Carbon Tetrachloride	1.4	Not Detected	9.1	Not Detected
2,2,4-Trimethylpentane	1.4	40	6.8	180
Benzene	1.4	~~0.38 J~~ U	4.6	~~1.2 J~~ U
1,2-Dichloroethane	1.4	Not Detected	5.9	Not Detected
Heptane	1.4	Not Detected	5.9	Not Detected
Trichloroethene	1.4	Not Detected	7.8	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.7	Not Detected
1,4-Dioxane	5.8	Not Detected	21	Not Detected
Bromodichloromethane	1.4	Not Detected	9.7	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.6	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.9	Not Detected
Toluene	1.4	Not Detected	5.5	Not Detected
trans-1,3-Dichloropropene	1.4	Not Detected	6.6	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.9	Not Detected
Tetrachloroethene	1.4	Not Detected	9.8	Not Detected
2-Hexanone	5.8	Not Detected	24	Not Detected

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Client Sample ID: VMP-8-5-042513

Lab ID#: 1305031A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050311**	**Date of Collection: 4/25/13 2:13:00 PM**	
Dil. Factor:	**2.90**	**Date of Analysis: 5/3/13 03:11 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	0.59 J	6.7	2.7 J
Ethyl Benzene	1.4	1.5	6.3	6.5
m,p-Xylene	1.4	0.69 J	6.3	3.0 J
o-Xylene	1.4	Not Detected	6.3	Not Detected
Styrene	1.4	Not Detected	6.2	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	1.5	7.1	7.5
1,1,2,2-Tetrachloroethane	1.4	Not Detected	10	Not Detected
Propylbenzene	1.4	4.8	7.1	24
4-Ethyltoluene	1.4	1.4	7.1	6.9
1,3,5-Trimethylbenzene	1.4	0.66 J	7.1	3.2 J
1,2,4-Trimethylbenzene	1.4	4.2	7.1	20
1,3-Dichlorobenzene	1.4	Not Detected	8.7	Not Detected
1,4-Dichlorobenzene	1.4	0.30 J	8.7	1.8 J
alpha-Chlorotoluene	1.4	Not Detected	7.5	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.7	Not Detected
1,2,4-Trichlorobenzene	5.8	Not Detected	43	Not Detected
Hexachlorobutadiene	5.8	Not Detected	62	Not Detected
Butane	5.8	Not Detected	14	Not Detected
Isopentane	5.8	17	17	49

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: VMP-8-9.5-042513

Lab ID#: 1305031A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050312**	**Date of Collection:**	**4/25/13 3:16:00 PM**
Dil. Factor:	**2.68**	**Date of Analysis:**	**5/3/13 04:06 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	0.52 J	6.6	2.6 J
Freon 114	1.3	Not Detected	9.4	Not Detected
Chloromethane	13	Not Detected	28	Not Detected
Vinyl Chloride	1.3	Not Detected	3.4	Not Detected
1,3-Butadiene	1.3	Not Detected	3.0	Not Detected
Bromomethane	13	Not Detected	52	Not Detected
Chloroethane	5.4	Not Detected	14	Not Detected
Freon 11	1.3	0.30 J	7.5	1.7 J
Ethanol	5.4	~~2.2 J~~ U	10	~~4.2 J~~ U
Freon 113	1.3	Not Detected	10	Not Detected
1,1-Dichloroethene	1.3	Not Detected	5.3	Not Detected
Acetone	13	6.8 J	32	16 J
2-Propanol	5.4	Not Detected	13	Not Detected
Carbon Disulfide	5.4	~~1.3 J~~ U	17	~~3.9 J~~ U
3-Chloropropene	5.4	Not Detected	17	Not Detected
Methylene Chloride	13	~~0.44 J~~ U	46	~~1.5 J~~ U
Methyl tert-butyl ether	1.3	Not Detected	4.8	Not Detected
trans-1,2-Dichloroethene	1.3	Not Detected	5.3	Not Detected
Hexane	1.3	Not Detected	4.7	Not Detected
1,1-Dichloroethane	1.3	Not Detected	5.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.4	1.0 J	16	3.0 J
cis-1,2-Dichloroethene	1.3	Not Detected	5.3	Not Detected
Tetrahydrofuran	1.3	Not Detected	4.0	Not Detected
Chloroform	1.3	Not Detected	6.5	Not Detected
1,1,1-Trichloroethane	1.3	Not Detected	7.3	Not Detected
Cyclohexane	1.3	Not Detected	4.6	Not Detected
Carbon Tetrachloride	1.3	Not Detected	8.4	Not Detected
2,2,4-Trimethylpentane	1.3	25	6.2	120
Benzene	1.3	1.1 J	4.3	3.5 J
1,2-Dichloroethane	1.3	Not Detected	5.4	Not Detected
Heptane	1.3	Not Detected	5.5	Not Detected
Trichloroethene	1.3	Not Detected	7.2	Not Detected
1,2-Dichloropropane	1.3	Not Detected	6.2	Not Detected
1,4-Dioxane	5.4	Not Detected	19	Not Detected
Bromodichloromethane	1.3	Not Detected	9.0	Not Detected
cis-1,3-Dichloropropene	1.3	Not Detected	6.1	Not Detected
4-Methyl-2-pentanone	1.3	Not Detected	5.5	Not Detected
Toluene	1.3	Not Detected	5.0	Not Detected
trans-1,3-Dichloropropene	1.3	~~0.50 J~~ U	6.1	~~2.2 J~~ U
1,1,2-Trichloroethane	1.3	Not Detected	7.3	Not Detected
Tetrachloroethene	1.3	Not Detected	9.1	Not Detected
2-Hexanone	5.4	Not Detected	22	Not Detected

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Client Sample ID: VMP-8-9.5-042513

Lab ID#: 1305031A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050312**	**Date of Collection:**	**4/25/13 3:16:00 PM**
Dil. Factor:	**2.68**	**Date of Analysis:**	**5/3/13 04:06 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.3	Not Detected	11	Not Detected
1,2-Dibromoethane (EDB)	1.3	Not Detected	10	Not Detected
Chlorobenzene	1.3	0.58 J	6.2	2.6 J
Ethyl Benzene	1.3	0.46 J	5.8	2.0 J
m,p-Xylene	1.3	Not Detected	5.8	Not Detected
o-Xylene	1.3	Not Detected	5.8	Not Detected
Styrene	1.3	0.13 J	5.7	0.56 J
Bromoform	1.3	Not Detected	14	Not Detected
Cumene	1.3	0.25 J	6.6	1.2 J
1,1,2,2-Tetrachloroethane	1.3	0.15 J	9.2	1.0 J
Propylbenzene	1.3	0.63 J	6.6	3.1 J
4-Ethyltoluene	1.3	0.22 J	6.6	1.1 J
1,3,5-Trimethylbenzene	1.3	Not Detected	6.6	Not Detected
1,2,4-Trimethylbenzene	1.3	0.48 J	6.6	2.4 J
1,3-Dichlorobenzene	1.3	0.28 J	8.0	1.7 J
1,4-Dichlorobenzene	1.3	0.38 J	8.0	2.3 J
alpha-Chlorotoluene	1.3	0.28 J	6.9	1.4 J
1,2-Dichlorobenzene	1.3	Not Detected	8.0	Not Detected
1,2,4-Trichlorobenzene	5.4	Not Detected	40	Not Detected
Hexachlorobutadiene	5.4	Not Detected	57	Not Detected
Butane	5.4	Not Detected	13	Not Detected
Isopentane	5.4	5.8	16	17

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: VMP-11-5-043013

Lab ID#: 1305031A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j050313	Date of Collection:	4/30/13 9:27:00 AM
Dil. Factor:	3.01	Date of Analysis:	5/3/13 05:01 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.53 J	7.4	2.6 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	Not Detected	31	Not Detected
Vinyl Chloride	1.5	Not Detected	3.8	Not Detected
1,3-Butadiene	1.5	Not Detected	3.3	Not Detected
Bromomethane	15	Not Detected	58	Not Detected
Chloroethane	6.0	Not Detected	16	Not Detected
Freon 11	1.5	Not Detected	8.4	Not Detected
Ethanol	6.0	2.4 J	11	4.6 J
Freon 113	1.5	Not Detected	12	Not Detected
1,1-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Acetone	15	5.7 J	36	14 J
2-Propanol	6.0	Not Detected	15	Not Detected
Carbon Disulfide	6.0	1.1 J	19	3.4 J
3-Chloropropene	6.0	Not Detected	19	Not Detected
Methylene Chloride	15	0.50 J	52	1.7 J
Methyl tert-butyl ether	1.5	Not Detected	5.4	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Hexane	1.5	Not Detected	5.3	Not Detected
1,1-Dichloroethane	1.5	Not Detected	6.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.0	Not Detected	18	Not Detected
cis-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.4	Not Detected
Chloroform	1.5	Not Detected	7.3	Not Detected
1,1,1-Trichloroethane	1.5	Not Detected	8.2	Not Detected
Cyclohexane	1.5	Not Detected	5.2	Not Detected
Carbon Tetrachloride	1.5	Not Detected	9.5	Not Detected
2,2,4-Trimethylpentane	1.5	12	7.0	54
Benzene	1.5	Not Detected	4.8	Not Detected
1,2-Dichloroethane	1.5	Not Detected	6.1	Not Detected
Heptane	1.5	Not Detected	6.2	Not Detected
Trichloroethene	1.5	Not Detected	8.1	Not Detected
1,2-Dichloropropane	1.5	Not Detected	7.0	Not Detected
1,4-Dioxane	6.0	Not Detected	22	Not Detected
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.8	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.2	Not Detected
Toluene	1.5	Not Detected	5.7	Not Detected
trans-1,3-Dichloropropene	1.5	Not Detected	6.8	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.2	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	6.0	Not Detected	25	Not Detected

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Client Sample ID: VMP-11-5-043013

Lab ID#: 1305031A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050313**	**Date of Collection:**	**4/30/13 9:27:00 AM**
Dil. Factor:	**3.01**	**Date of Analysis:**	**5/3/13 05:01 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	12	Not Detected
Chlorobenzene	1.5	0.76 J	6.9	3.5 J
Ethyl Benzene	1.5	Not Detected	6.5	Not Detected
m,p-Xylene	1.5	Not Detected	6.5	Not Detected
o-Xylene	1.5	Not Detected	6.5	Not Detected
Styrene	1.5	Not Detected	6.4	Not Detected
Bromoform	1.5	Not Detected	16	Not Detected
Cumene	1.5	Not Detected	7.4	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	0.25 J	7.4	1.2 J
4-Ethyltoluene	1.5	Not Detected	7.4	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.4	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.4	Not Detected
1,3-Dichlorobenzene	1.5	0.31 J	9.0	1.8 J
1,4-Dichlorobenzene	1.5	0.39 J	9.0	2.3 J
alpha-Chlorotoluene	1.5	Not Detected	7.8	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	9.0	Not Detected
1,2,4-Trichlorobenzene	6.0	Not Detected	45	Not Detected
Hexachlorobutadiene	6.0	Not Detected	64	Not Detected
Butane	6.0	Not Detected	14	Not Detected
Isopentane	6.0	2.0 J	18	6.0 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: VMP-11-29-043013

Lab ID#: 1305031A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050314**	**Date of Collection:**	**4/30/13 11:07:00 AM**
Dil. Factor:	**2.85**	**Date of Analysis:**	**5/3/13 05:31 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.66 J	7.0	3.2 J
Freon 114	1.4	Not Detected	10	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.2	Not Detected
Bromomethane	14	Not Detected	55	Not Detected
Chloroethane	5.7	Not Detected	15	Not Detected
Freon 11	1.4	Not Detected	8.0	Not Detected
Ethanol	5.7	~~1.9 J~~	11	~~3.5 J~~
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Acetone	14	7.5 J	34	18 J
2-Propanol	5.7	Not Detected	14	Not Detected
Carbon Disulfide	5.7	~~1.0 J~~	18	~~3.3 J~~
3-Chloropropene	5.7	Not Detected	18	Not Detected
Methylene Chloride	14	Not Detected	50	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.1	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Hexane	1.4	Not Detected	5.0	Not Detected
1,1-Dichloroethane	1.4	Not Detected	5.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.7	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
Chloroform	1.4	16	7.0	76
1,1,1-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Cyclohexane	1.4	Not Detected	4.9	Not Detected
Carbon Tetrachloride	1.4	Not Detected	9.0	Not Detected
2,2,4-Trimethylpentane	1.4	42	6.6	200
Benzene	1.4	~~0.40 J~~	4.6	~~1.3 J~~
1,2-Dichloroethane	1.4	Not Detected	5.8	Not Detected
Heptane	1.4	Not Detected	5.8	Not Detected
Trichloroethene	1.4	Not Detected	7.6	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.6	Not Detected
1,4-Dioxane	5.7	Not Detected	20	Not Detected
Bromodichloromethane	1.4	2.6	9.5	17
cis-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.8	Not Detected
Toluene	1.4	~~0.28 J~~	5.4	~~1.0 J~~
trans-1,3-Dichloropropene	1.4	~~0.39 J~~	6.5	~~1.8 J~~
1,1,2-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Tetrachloroethene	1.4	Not Detected	9.7	Not Detected
2-Hexanone	5.7	Not Detected	23	Not Detected

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Client Sample ID: VMP-11-29-043013

Lab ID#: 1305031A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050314**	**Date of Collection: 4/30/13 11:07:00 AM**	
Dil. Factor:	**2.85**	**Date of Analysis: 5/3/13 05:31 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	0.64 J	6.6	2.9 J
Ethyl Benzene	1.4	0.64 J	6.2	2.8 J
m,p-Xylene	1.4	0.61 J	6.2	2.6 J
o-Xylene	1.4	Not Detected	6.2	Not Detected
Styrene	1.4	Not Detected	6.1	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	0.34 J	7.0	1.7 J
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.8	Not Detected
Propylbenzene	1.4	0.79 J	7.0	3.9 J
4-Ethyltoluene	1.4	0.35 J	7.0	1.7 J
1,3,5-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,4-Dichlorobenzene	1.4	0.30 J	8.6	1.8 J
alpha-Chlorotoluene	1.4	Not Detected	7.4	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,2,4-Trichlorobenzene	5.7	Not Detected	42	Not Detected
Hexachlorobutadiene	5.7	Not Detected	61	Not Detected
Butane	5.7	Not Detected	14	Not Detected
Isopentane	5.7	6.9	17	20

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: VMP-11-38-043013

Lab ID#: 1305031A-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050315**	**Date of Collection:**	**4/30/13 12:10:00 PM**
Dil. Factor:	**3.00**	**Date of Analysis:**	**5/3/13 06:04 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.55 J	7.4	2.7 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	1.9 J	31	3.9 J
Vinyl Chloride	1.5	Not Detected	3.8	Not Detected
1,3-Butadiene	1.5	Not Detected	3.3	Not Detected
Bromomethane	15	Not Detected	58	Not Detected
Chloroethane	6.0	Not Detected	16	Not Detected
Freon 11	1.5	0.31 J	8.4	1.7 J
Ethanol	6.0	~~1.6 J~~ U	11	~~2.9 J~~ U
Freon 113	1.5	Not Detected	11	Not Detected
1,1-Dichloroethene	1.5	Not Detected	5.9	Not Detected
Acetone	15	3.6 J	36	8.5 J
2-Propanol	6.0	Not Detected	15	Not Detected
Carbon Disulfide	6.0	~~1.5 J~~ U	19	~~4.7 J~~ U
3-Chloropropene	6.0	Not Detected	19	Not Detected
Methylene Chloride	15	Not Detected	52	Not Detected
Methyl tert-butyl ether	1.5	10	5.4	36
trans-1,2-Dichloroethene	1.5	Not Detected	5.9	Not Detected
Hexane	1.5	Not Detected	5.3	Not Detected
1,1-Dichloroethane	1.5	Not Detected	6.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.0	Not Detected	18	Not Detected
cis-1,2-Dichloroethene	1.5	Not Detected	5.9	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.4	Not Detected
Chloroform	1.5	7.4	7.3	36
1,1,1-Trichloroethane	1.5	Not Detected	8.2	Not Detected
Cyclohexane	1.5	Not Detected	5.2	Not Detected
Carbon Tetrachloride	1.5	Not Detected	9.4	Not Detected
2,2,4-Trimethylpentane	1.5	14	7.0	64
Benzene	1.5	0.85 J	4.8	2.7 J
1,2-Dichloroethane	1.5	Not Detected	6.1	Not Detected
Heptane	1.5	Not Detected	6.1	Not Detected
Trichloroethene	1.5	Not Detected	8.1	Not Detected
1,2-Dichloropropane	1.5	Not Detected	6.9	Not Detected
1,4-Dioxane	6.0	Not Detected	22	Not Detected
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.8	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.1	Not Detected
Toluene	1.5	Not Detected	5.6	Not Detected
trans-1,3-Dichloropropene	1.5	Not Detected	6.8	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.2	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	6.0	Not Detected	24	Not Detected

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Client Sample ID: VMP-11-38-043013

Lab ID#: 1305031A-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050315**	**Date of Collection:**	**4/30/13 12:10:00 PM**
Dil. Factor:	**3.00**	**Date of Analysis:**	**5/3/13 06:04 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	12	Not Detected
Chlorobenzene	1.5	0.69 J	6.9	3.2 J
Ethyl Benzene	1.5	Not Detected	6.5	Not Detected
m,p-Xylene	1.5	Not Detected	6.5	Not Detected
o-Xylene	1.5	Not Detected	6.5	Not Detected
Styrene	1.5	Not Detected	6.4	Not Detected
Bromoform	1.5	Not Detected	16	Not Detected
Cumene	1.5	Not Detected	7.4	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	0.36 J	7.4	1.8 J
4-Ethyltoluene	1.5	Not Detected	7.4	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.4	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.4	Not Detected
1,3-Dichlorobenzene	1.5	Not Detected	9.0	Not Detected
1,4-Dichlorobenzene	1.5	0.30 J	9.0	1.8 J
alpha-Chlorotoluene	1.5	Not Detected	7.8	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	9.0	Not Detected
1,2,4-Trichlorobenzene	6.0	Not Detected	44	Not Detected
Hexachlorobutadiene	6.0	Not Detected	64	Not Detected
Butane	6.0	Not Detected	14	Not Detected
Isopentane	6.0	2.7 J	18	8.0 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	91	70-130

Client Sample ID: VMP-24-10-042513

Lab ID#: 1305031A-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j050322	Date of Collection:	4/25/13 10:35:00 AM
Dil. Factor:	10.6	Date of Analysis:	5/3/13 10:24 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	5.3	Not Detected	26	Not Detected
Freon 114	5.3	Not Detected	37	Not Detected
Chloromethane	53	Not Detected	110	Not Detected
Vinyl Chloride	5.3	Not Detected	14	Not Detected
1,3-Butadiene	5.3	Not Detected	12	Not Detected
Bromomethane	53	Not Detected	200	Not Detected
Chloroethane	21	Not Detected	56	Not Detected
Freon 11	5.3	Not Detected	30	Not Detected
Ethanol	21	Not Detected	40	Not Detected
Freon 113	5.3	Not Detected	41	Not Detected
1,1-Dichloroethene	5.3	Not Detected	21	Not Detected
Acetone	53	10 J	120	25 J
2-Propanol	21	Not Detected	52	Not Detected
Carbon Disulfide	21	Not Detected	66	Not Detected
3-Chloropropene	21	Not Detected	66	Not Detected
Methylene Chloride	53	Not Detected	180	Not Detected
Methyl tert-butyl ether	5.3	Not Detected	19	Not Detected
trans-1,2-Dichloroethene	5.3	Not Detected	21	Not Detected
Hexane	5.3	Not Detected	19	Not Detected
1,1-Dichloroethane	5.3	Not Detected	21	Not Detected
2-Butanone (Methyl Ethyl Ketone)	21	Not Detected	62	Not Detected
cis-1,2-Dichloroethene	5.3	Not Detected	21	Not Detected
Tetrahydrofuran	5.3	Not Detected	16	Not Detected
Chloroform	5.3	Not Detected	26	Not Detected
1,1,1-Trichloroethane	5.3	Not Detected	29	Not Detected
Cyclohexane	5.3	Not Detected	18	Not Detected
Carbon Tetrachloride	5.3	Not Detected	33	Not Detected
2,2,4-Trimethylpentane	5.3	1300	25	6100
Benzene	5.3	1.6 J	17	5.3 J
1,2-Dichloroethane	5.3	Not Detected	21	Not Detected
Heptane	5.3	Not Detected	22	Not Detected
Trichloroethene	5.3	Not Detected	28	Not Detected
1,2-Dichloropropane	5.3	Not Detected	24	Not Detected
1,4-Dioxane	21	Not Detected	76	Not Detected
Bromodichloromethane	5.3	Not Detected	36	Not Detected
cis-1,3-Dichloropropene	5.3	Not Detected	24	Not Detected
4-Methyl-2-pentanone	5.3	Not Detected	22	Not Detected
Toluene	5.3	Not Detected	20	Not Detected
trans-1,3-Dichloropropene	5.3	Not Detected	24	Not Detected
1,1,2-Trichloroethane	5.3	Not Detected	29	Not Detected
Tetrachloroethene	5.3	Not Detected	36	Not Detected
2-Hexanone	21	Not Detected	87	Not Detected

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Client Sample ID: VMP-24-10-042513

Lab ID#: 1305031A-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050322**	**Date of Collection: 4/25/13 10:35:00 AM**	
Dil. Factor:	**10.6**	**Date of Analysis: 5/3/13 10:24 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	5.3	Not Detected	45	Not Detected
1,2-Dibromoethane (EDB)	5.3	Not Detected	41	Not Detected
Chlorobenzene	5.3	Not Detected	24	Not Detected
Ethyl Benzene	5.3	78	23	340
m,p-Xylene	5.3	31	23	130
o-Xylene	5.3	1.2 J	23	5.2 J
Styrene	5.3	Not Detected	22	Not Detected
Bromoform	5.3	Not Detected	55	Not Detected
Cumene	5.3	44	26	220
1,1,2,2-Tetrachloroethane	5.3	Not Detected	36	Not Detected
Propylbenzene	5.3	110	26	530
4-Ethyltoluene	5.3	26	26	120
1,3,5-Trimethylbenzene	5.3	9.8	26	48
1,2,4-Trimethylbenzene	5.3	60	26	290
1,3-Dichlorobenzene	5.3	Not Detected	32	Not Detected
1,4-Dichlorobenzene	5.3	Not Detected	32	Not Detected
alpha-Chlorotoluene	5.3	Not Detected	27	Not Detected
1,2-Dichlorobenzene	5.3	Not Detected	32	Not Detected
1,2,4-Trichlorobenzene	21	Not Detected	160	Not Detected
Hexachlorobutadiene	21	Not Detected	230	Not Detected
Butane	21	Not Detected	50	Not Detected
Isopentane	21	23	62	69

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: VMP-24-22-042513

Lab ID#: 1305031A-12A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050316**	**Date of Collection:**	**4/25/13 11:20:00 AM**
Dil. Factor:	**2.70**	**Date of Analysis:**	**5/3/13 06:36 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.52 J	6.7	2.6 J
Freon 114	1.4	Not Detected	9.4	Not Detected
Chloromethane	14	Not Detected	28	Not Detected
Vinyl Chloride	1.4	Not Detected	3.4	Not Detected
1,3-Butadiene	1.4	Not Detected	3.0	Not Detected
Bromomethane	14	Not Detected	52	Not Detected
Chloroethane	5.4	Not Detected	14	Not Detected
Freon 11	1.4	0.30 J	7.6	1.7 J
Ethanol	5.4	~~2.5 J~~	10	~~4.8 J~~
Freon 113	1.4	Not Detected	10	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Acetone	14	3.8 J	32	9.1 J
2-Propanol	5.4	Not Detected	13	Not Detected
Carbon Disulfide	5.4	~~1.0 J~~	17	~~3.2 J~~
3-Chloropropene	5.4	Not Detected	17	Not Detected
Methylene Chloride	14	Not Detected	47	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Hexane	1.4	5.2	4.8	18
1,1-Dichloroethane	1.4	Not Detected	5.5	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.4	Not Detected	16	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.0	Not Detected
Chloroform	1.4	Not Detected	6.6	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.4	Not Detected
Cyclohexane	1.4	1.7	4.6	5.8
Carbon Tetrachloride	1.4	Not Detected	8.5	Not Detected
2,2,4-Trimethylpentane	1.4	3.0	6.3	14
Benzene	1.4	5.1	4.3	16
1,2-Dichloroethane	1.4	Not Detected	5.5	Not Detected
Heptane	1.4	4.3	5.5	17
Trichloroethene	1.4	Not Detected	7.2	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.2	Not Detected
1,4-Dioxane	5.4	Not Detected	19	Not Detected
Bromodichloromethane	1.4	Not Detected	9.0	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.1	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.5	Not Detected
Toluene	1.4	1.7	5.1	6.4
trans-1,3-Dichloropropene	1.4	~~0.30 J~~	6.1	~~1.3 J~~
1,1,2-Trichloroethane	1.4	Not Detected	7.4	Not Detected
Tetrachloroethene	1.4	Not Detected	9.2	Not Detected
2-Hexanone	5.4	Not Detected	22	Not Detected

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Client Sample ID: VMP-24-22-042513

Lab ID#: 1305031A-12A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050316**	**Date of Collection: 4/25/13 11:20:00 AM**	
Dil. Factor:	**2.70**	**Date of Analysis: 5/3/13 06:36 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	10	Not Detected
Chlorobenzene	1.4	0.64 J	6.2	2.9 J
Ethyl Benzene	1.4	2.0	5.9	8.7
m,p-Xylene	1.4	3.6	5.9	16
o-Xylene	1.4	1.8	5.9	7.8
Styrene	1.4	Not Detected	5.8	Not Detected
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	Not Detected	6.6	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.3	Not Detected
Propylbenzene	1.4	Not Detected	6.6	Not Detected
4-Ethyltoluene	1.4	0.52 J	6.6	2.5 J
1,3,5-Trimethylbenzene	1.4	Not Detected	6.6	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	6.6	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.1	Not Detected
1,4-Dichlorobenzene	1.4	0.28 J	8.1	1.7 J
alpha-Chlorotoluene	1.4	Not Detected	7.0	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.1	Not Detected
1,2,4-Trichlorobenzene	5.4	Not Detected	40	Not Detected
Hexachlorobutadiene	5.4	Not Detected	58	Not Detected
Butane	5.4	7.9	13	19
Isopentane	5.4	9.2	16	27

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: VMP-24-22-042513-Dup

Lab ID#: 1305031A-13A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j050317	Date of Collection:	4/25/13 11:20:00 AM
Dil. Factor:	2.96	Date of Analysis:	5/3/13 07:04 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.59 J	7.3	2.9 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	Not Detected	30	Not Detected
Vinyl Chloride	1.5	Not Detected	3.8	Not Detected
1,3-Butadiene	1.5	Not Detected	3.3	Not Detected
Bromomethane	15	Not Detected	57	Not Detected
Chloroethane	5.9	Not Detected	16	Not Detected
Freon 11	1.5	0.30 J	8.3	1.7 J
Ethanol	5.9	~~1.2 J~~	11	~~2.4 J~~
Freon 113	1.5	Not Detected	11	Not Detected
1,1-Dichloroethene	1.5	Not Detected	5.9	Not Detected
Acetone	15	4.0 J	35	9.6 J
2-Propanol	5.9	Not Detected	14	Not Detected
Carbon Disulfide	5.9	~~1.2 J~~	18	~~3.7 J~~
3-Chloropropene	5.9	Not Detected	18	Not Detected
Methylene Chloride	15	~~0.41 J~~	51	~~1.4 J~~
Methyl tert-butyl ether	1.5	Not Detected	5.3	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	5.9	Not Detected
Hexane	1.5	2.9	5.2	10
1,1-Dichloroethane	1.5	Not Detected	6.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.9	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.5	Not Detected	5.9	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.4	Not Detected
Chloroform	1.5	Not Detected	7.2	Not Detected
1,1,1-Trichloroethane	1.5	Not Detected	8.1	Not Detected
Cyclohexane	1.5	1.0 J	5.1	3.5 J
Carbon Tetrachloride	1.5	Not Detected	9.3	Not Detected
2,2,4-Trimethylpentane	1.5	1.6	6.9	7.6
Benzene	1.5	3.1	4.7	9.8
1,2-Dichloroethane	1.5	Not Detected	6.0	Not Detected
Heptane	1.5	2.6	6.1	10
Trichloroethene	1.5	Not Detected	8.0	Not Detected
1,2-Dichloropropane	1.5	Not Detected	6.8	Not Detected
1,4-Dioxane	5.9	Not Detected	21	Not Detected
Bromodichloromethane	1.5	Not Detected	9.9	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.7	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.1	Not Detected
Toluene	1.5	0.99 J	5.6	3.7 J
trans-1,3-Dichloropropene	1.5	~~0.34 J~~	6.7	~~1.5 J~~
1,1,2-Trichloroethane	1.5	Not Detected	8.1	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	5.9	Not Detected	24	Not Detected

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Client Sample ID: VMP-24-22-042513-Dup

Lab ID#: 1305031A-13A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j050317	**Date of Collection:**	4/25/13 11:20:00 AM
Dil. Factor:	2.96	**Date of Analysis:**	5/3/13 07:04 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	11	Not Detected
Chlorobenzene	1.5	0.71 J	6.8	3.3 J
Ethyl Benzene	1.5	0.80 J	6.4	3.5 J
m,p-Xylene	1.5	1.3 J	6.4	5.5 J
o-Xylene	1.5	0.74 J	6.4	3.2 J
Styrene	1.5	Not Detected	6.3	Not Detected
Bromoform	1.5	Not Detected	15	Not Detected
Cumene	1.5	Not Detected	7.3	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.3	Not Detected
4-Ethyltoluene	1.5	0.32 J	7.3	1.6 J
1,3,5-Trimethylbenzene	1.5	Not Detected	7.3	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.3	Not Detected
1,3-Dichlorobenzene	1.5	Not Detected	8.9	Not Detected
1,4-Dichlorobenzene	1.5	Not Detected	8.9	Not Detected
alpha-Chlorotoluene	1.5	Not Detected	7.7	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	8.9	Not Detected
1,2,4-Trichlorobenzene	5.9	Not Detected	44	Not Detected
Hexachlorobutadiene	5.9	Not Detected	63	Not Detected
Butane	5.9	3.8 J	14	9.0 J
Isopentane	5.9	5.3 J	17	16 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: VMP-41-10-043013

Lab ID#: 130503IA-14A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j050318	**Date of Collection:**	4/30/13 9:32:00 AM
Dil. Factor:	2.73	**Date of Analysis:**	5/3/13 07:44 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.59 J	6.8	2.9 J
Freon 114	1.4	Not Detected	9.5	Not Detected
Chloromethane	14	Not Detected	28	Not Detected
Vinyl Chloride	1.4	Not Detected	3.5	Not Detected
1,3-Butadiene	1.4	Not Detected	3.0	Not Detected
Bromomethane	14	Not Detected	53	Not Detected
Chloroethane	5.5	Not Detected	14	Not Detected
Freon 11	1.4	0.30 J	7.7	1.6 J
Ethanol	5.5	~~1.6 J~~	10	~~3.0 J~~
Freon 113	1.4	Not Detected	10	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Acetone	14	5.2 J	32	12 J
2-Propanol	5.5	Not Detected	13	Not Detected
Carbon Disulfide	5.5	~~0.83 J~~	17	~~2.6 J~~
3-Chloropropene	5.5	Not Detected	17	Not Detected
Methylene Chloride	14	Not Detected	47	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Hexane	1.4	0.54 J	4.8	1.9 J
1,1-Dichloroethane	1.4	Not Detected	5.5	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.5	1.1 J	16	3.2 J
cis-1,2-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.0	Not Detected
Chloroform	1.4	Not Detected	6.7	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.4	Not Detected
Cyclohexane	1.4	Not Detected	4.7	Not Detected
Carbon Tetrachloride	1.4	Not Detected	8.6	Not Detected
2,2,4-Trimethylpentane	1.4	1.2 J	6.4	5.7 J
Benzene	1.4	6.5	4.4	21
1,2-Dichloroethane	1.4	Not Detected	5.5	Not Detected
Heptane	1.4	0.37 J	5.6	1.5 J
Trichloroethene	1.4	Not Detected	7.3	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.3	Not Detected
1,4-Dioxane	5.5	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.1	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.2	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.6	Not Detected
Toluene	1.4	Not Detected	5.1	Not Detected
trans-1,3-Dichloropropene	1.4	Not Detected	6.2	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.4	Not Detected
Tetrachloroethene	1.4	Not Detected	9.2	Not Detected
2-Hexanone	5.5	Not Detected	22	Not Detected

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Client Sample ID: VMP-41-10-043013

Lab ID#: 1305031A-14A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050318**	**Date of Collection:**	**4/30/13 9:32:00 AM**
Dil. Factor:	**2.73**	**Date of Analysis:**	**5/3/13 07:44 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	10	Not Detected
Chlorobenzene	1.4	~~0.66 J~~	6.3	~~3.0 J~~
Ethyl Benzene	1.4	Not Detected	5.9	Not Detected
m,p-Xylene	1.4	Not Detected	5.9	Not Detected
o-Xylene	1.4	Not Detected	5.9	Not Detected
Styrene	1.4	Not Detected	5.8	Not Detected
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	Not Detected	6.7	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.4	Not Detected
Propylbenzene	1.4	Not Detected	6.7	Not Detected
4-Ethyltoluene	1.4	Not Detected	6.7	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	6.7	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	6.7	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.2	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.2	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.1	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.2	Not Detected
1,2,4-Trichlorobenzene	5.5	Not Detected	40	Not Detected
Hexachlorobutadiene	5.5	Not Detected	58	Not Detected
Butane	5.5	Not Detected	13	Not Detected
Isopentane	5.5	Not Detected	16	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	91	70-130

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Client Sample ID: VMP-41-20-043013

Lab ID#: 1305031A-15A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050319**	**Date of Collection:**	**4/30/13 10:34:00 AM**
Dil. Factor:	**2.72**	**Date of Analysis:**	**5/3/13 08:46 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.47 J	6.7	2.3 J
Freon 114	1.4	Not Detected	9.5	Not Detected
Chloromethane	14	Not Detected	28	Not Detected
Vinyl Chloride	1.4	Not Detected	3.5	Not Detected
1,3-Butadiene	1.4	Not Detected	3.0	Not Detected
Bromomethane	14	Not Detected	53	Not Detected
Chloroethane	5.4	Not Detected	14	Not Detected
Freon 11	1.4	Not Detected	7.6	Not Detected
Ethanol	5.4	~~1.7 J~~	10	~~3.1 J~~
Freon 113	1.4	Not Detected	10	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Acetone	14	3.6 J	32	8.6 J
2-Propanol	5.4	Not Detected	13	Not Detected
Carbon Disulfide	5.4	Not Detected	17	Not Detected
3-Chloropropene	5.4	Not Detected	17	Not Detected
Methylene Chloride	14	Not Detected	47	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Hexane	1.4	0.76 J	4.8	2.7 J
1,1-Dichloroethane	1.4	Not Detected	5.5	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.4	Not Detected	16	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.0	Not Detected
Chloroform	1.4	Not Detected	6.6	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.4	Not Detected
Cyclohexane	1.4	Not Detected	4.7	Not Detected
Carbon Tetrachloride	1.4	Not Detected	8.6	Not Detected
2,2,4-Trimethylpentane	1.4	~~0.20 J~~	6.4	~~0.94 J~~
Benzene	1.4	~~0.52 J~~	4.3	~~1.6 J~~
1,2-Dichloroethane	1.4	Not Detected	5.5	Not Detected
Heptane	1.4	0.48 J	5.6	2.0 J
Trichloroethene	1.4	Not Detected	7.3	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.3	Not Detected
1,4-Dioxane	5.4	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.1	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.2	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.6	Not Detected
Toluene	1.4	~~0.28 J~~	5.1	~~1.0 J~~
trans-1,3-Dichloropropene	1.4	~~0.28 J~~	6.2	~~1.3 J~~
1,1,2-Trichloroethane	1.4	Not Detected	7.4	Not Detected
Tetrachloroethene	1.4	Not Detected	9.2	Not Detected
2-Hexanone	5.4	Not Detected	22	Not Detected

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Client Sample ID: VMP-41-20-043013

Lab ID#: 1305031A-15A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050319**	**Date of Collection: 4/30/13 10:34:00 AM**	
Dil. Factor:	**2.72**	**Date of Analysis: 5/3/13 08:46 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	10	Not Detected
Chlorobenzene	1.4	0.62 J	6.3	2.9 J
Ethyl Benzene	1.4	Not Detected	5.9	Not Detected
m,p-Xylene	1.4	0.62 J	5.9	2.3 J
o-Xylene	1.4	0.35 J	5.9	1.5 J
Styrene	1.4	Not Detected	5.8	Not Detected
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	Not Detected	6.7	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.3	Not Detected
Propylbenzene	1.4	Not Detected	6.7	Not Detected
4-Ethyltoluene	1.4	0.16 J	6.7	0.77 J
1,3,5-Trimethylbenzene	1.4	Not Detected	6.7	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	6.7	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.2	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.2	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.0	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.2	Not Detected
1,2,4-Trichlorobenzene	5.4	Not Detected	40	Not Detected
Hexachlorobutadiene	5.4	Not Detected	58	Not Detected
Butane	5.4	Not Detected	13	Not Detected
Isopentane	5.4	Not Detected	16	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	93	70-130

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Client Sample ID: VMP-41-20-043013-Dup

Lab ID#: 1305031A-16A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050320**	**Date of Collection:**	**4/30/13 10:34:00 AM**
Dil. Factor:	**2.83**	**Date of Analysis:**	**5/3/13 09:16 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.65 J	7.0	3.2 J
Freon 114	1.4	Not Detected	9.9	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.1	Not Detected
Bromomethane	14	Not Detected	55	Not Detected
Chloroethane	5.7	Not Detected	15	Not Detected
Freon 11	1.4	Not Detected	8.0	Not Detected
Ethanol	5.7	~~1.2 J~~ U	11	~~2.2 J~~ U
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Acetone	14	2.7 J	34	6.5 J
2-Propanol	5.7	Not Detected	14	Not Detected
Carbon Disulfide	5.7	Not Detected	18	Not Detected
3-Chloropropene	5.7	Not Detected	18	Not Detected
Methylene Chloride	14	Not Detected	49	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.1	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Hexane	1.4	0.46 J	5.0	1.6 J
1,1-Dichloroethane	1.4	Not Detected	5.7	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.7	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
Chloroform	1.4	Not Detected	6.9	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Cyclohexane	1.4	Not Detected	4.9	Not Detected
Carbon Tetrachloride	1.4	Not Detected	8.9	Not Detected
2,2,4-Trimethylpentane	1.4	Not Detected	6.6	Not Detected
Benzene	1.4	~~0.44 J~~ U	4.5	~~1.4 J~~ U
1,2-Dichloroethane	1.4	Not Detected	5.7	Not Detected
Heptane	1.4	Not Detected	5.8	Not Detected
Trichloroethene	1.4	Not Detected	7.6	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.5	Not Detected
1,4-Dioxane	5.7	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.5	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.8	Not Detected
Toluene	1.4	Not Detected	5.3	Not Detected
trans-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Tetrachloroethene	1.4	Not Detected	9.6	Not Detected
2-Hexanone	5.7	Not Detected	23	Not Detected

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Client Sample ID: VMP-41-20-043013-Dup

Lab ID#: 1305031A-16A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050320**	**Date of Collection: 4/30/13 10:34:00 AM**	
Dil. Factor:	**2.83**	**Date of Analysis: 5/3/13 09:16 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	0.63 J	6.5	2.9 J
Ethyl Benzene	1.4	Not Detected	6.1	Not Detected
m,p-Xylene	1.4	Not Detected	6.1	Not Detected
o-Xylene	1.4	0.21 J	6.1	0.90 J
Styrene	1.4	Not Detected	6.0	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	Not Detected	7.0	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.7	Not Detected
Propylbenzene	1.4	Not Detected	7.0	Not Detected
4-Ethyltoluene	1.4	Not Detected	7.0	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.3	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
1,2,4-Trichlorobenzene	5.7	Not Detected	42	Not Detected
Hexachlorobutadiene	5.7	Not Detected	60	Not Detected
Butane	5.7	Not Detected	13	Not Detected
Isopentane	5.7	Not Detected	17	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	91	70-130

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Client Sample ID: VMP-41-30-043013

Lab ID#: 1305031A-17A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050321**	**Date of Collection:**	**4/30/13 11:26:00 AM**
Dil. Factor:	**2.84**	**Date of Analysis:**	**5/3/13 10:00 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.55 J	7.0	2.7 J
Freon 114	1.4	Not Detected	9.9	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.1	Not Detected
Bromomethane	14	Not Detected	55	Not Detected
Chloroethane	5.7	Not Detected	15	Not Detected
Freon 11	1.4	Not Detected	8.0	Not Detected
Ethanol	5.7	~~1.6 J~~ U	11	~~3.0 J~~ U
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Acetone	14	4.0 J	34	9.6 J
2-Propanol	5.7	Not Detected	14	Not Detected
Carbon Disulfide	5.7	~~0.72 J~~ U	18	~~2.2 J~~ U
3-Chloropropene	5.7	Not Detected	18	Not Detected
Methylene Chloride	14	~~0.43 J~~ U	49	~~1.5 J~~ U
Methyl tert-butyl ether	1.4	Not Detected	5.1	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Hexane	1.4	3.0	5.0	11
1,1-Dichloroethane	1.4	Not Detected	5.7	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.7	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
Chloroform	1.4	Not Detected	6.9	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Cyclohexane	1.4	Not Detected	4.9	Not Detected
Carbon Tetrachloride	1.4	Not Detected	8.9	Not Detected
2,2,4-Trimethylpentane	1.4	23	6.6	110
Benzene	1.4	1.7	4.5	5.5
1,2-Dichloroethane	1.4	Not Detected	5.7	Not Detected
Heptane	1.4	1.8	5.8	7.4
Trichloroethene	1.4	Not Detected	7.6	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.6	Not Detected
1,4-Dioxane	5.7	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.5	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.8	Not Detected
Toluene	1.4	~~0.31 J~~ U	5.4	~~1.2 J~~ U
trans-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Tetrachloroethene	1.4	Not Detected	9.6	Not Detected
2-Hexanone	5.7	Not Detected	23	Not Detected

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Client Sample ID: VMP-41-30-043013

Lab ID#: 1305031A-17A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050321**	**Date of Collection: 4/30/13 11:26:00 AM**	
Dil. Factor:	**2.84**	**Date of Analysis: 5/3/13 10:00 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	0.56 J	6.5	2.6 J
Ethyl Benzene	1.4	Not Detected	6.2	Not Detected
m,p-Xylene	1.4	Not Detected	6.2	Not Detected
o-Xylene	1.4	Not Detected	6.2	Not Detected
Styrene	1.4	Not Detected	6.0	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	Not Detected	7.0	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.7	Not Detected
Propylbenzene	1.4	0.31 J	7.0	1.5 J
4-Ethyltoluene	1.4	Not Detected	7.0	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.4	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
1,2,4-Trichlorobenzene	5.7	Not Detected	42	Not Detected
Hexachlorobutadiene	5.7	Not Detected	60	Not Detected
Butane	5.7	6.4	14	15
Isopentane	5.7	20	17	58

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: VMP-43-20-043013

Lab ID#: 1305031A-18A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050623**	**Date of Collection:**	**4/30/13 10:44:00 AM**
Dil. Factor:	**3.16**	**Date of Analysis:**	**5/6/13 10:30 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.68 J	7.8	3.4 J
Freon 114	1.6	Not Detected	11	Not Detected
Chloromethane	16	Not Detected	33	Not Detected
Vinyl Chloride	1.6	Not Detected	4.0	Not Detected
1,3-Butadiene	1.6	Not Detected	3.5	Not Detected
Bromomethane	16	Not Detected	61	Not Detected
Chloroethane	6.3	Not Detected	17	Not Detected
Freon 11	1.6	Not Detected	8.9	Not Detected
Ethanol	6.3	7.4	12	14
Freon 113	1.6	Not Detected	12	Not Detected
1,1-Dichloroethene	1.6	Not Detected	6.3	Not Detected
Acetone	16	27	38	65
2-Propanol	6.3	6.4	16	16
Carbon Disulfide	6.3	~~2.2 J~~	20	~~6.8 J~~
3-Chloropropene	6.3	Not Detected	20	Not Detected
Methylene Chloride	16	Not Detected	55	Not Detected
Methyl tert-butyl ether	1.6	Not Detected	5.7	Not Detected
trans-1,2-Dichloroethene	1.6	Not Detected	6.3	Not Detected
Hexane	1.6	0.64 J	5.6	2.2 J
1,1-Dichloroethane	1.6	Not Detected	6.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.3	4.6 J	19	14 J
cis-1,2-Dichloroethene	1.6	Not Detected	6.3	Not Detected
Tetrahydrofuran	1.6	Not Detected	4.6	Not Detected
Chloroform	1.6	~~0.47 J~~	7.7	~~2.3 J~~
1,1,1-Trichloroethane	1.6	Not Detected	8.6	Not Detected
Cyclohexane	1.6	Not Detected	5.4	Not Detected
Carbon Tetrachloride	1.6	Not Detected	9.9	Not Detected
2,2,4-Trimethylpentane	1.6	3.7	7.4	18
Benzene	1.6	1.6	5.0	5.0
1,2-Dichloroethane	1.6	Not Detected	6.4	Not Detected
Heptane	1.6	0.48 J	6.5	2.0 J
Trichloroethene	1.6	Not Detected	8.5	Not Detected
1,2-Dichloropropane	1.6	Not Detected	7.3	Not Detected
1,4-Dioxane	6.3	Not Detected	23	Not Detected
Bromodichloromethane	1.6	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.6	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	1.6	0.58 J	6.5	2.4 J
Toluene	1.6	1.1 J	6.0	4.1 J
trans-1,3-Dichloropropene	1.6	~~0.35 J~~	7.2	~~1.6 J~~
1,1,2-Trichloroethane	1.6	Not Detected	8.6	Not Detected
Tetrachloroethene	1.6	Not Detected	11	Not Detected
2-Hexanone	6.3	Not Detected	26	Not Detected

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Client Sample ID: VMP-43-20-043013

Lab ID#: 1305031A-18A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050623**	**Date of Collection: 4/30/13 10:44:00 AM**	
Dil. Factor:	**3.16**	**Date of Analysis: 5/6/13 10:30 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.6	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.6	Not Detected	12	Not Detected
Chlorobenzene	1.6	0.73 J	7.3	3.4 J
Ethyl Benzene	1.6	Not Detected	6.9	Not Detected
m,p-Xylene	1.6	0.63 J	6.9	2.7 J
o-Xylene	1.6	0.26 J	6.9	1.1 J
Styrene	1.6	Not Detected	6.7	Not Detected
Bromoform	1.6	Not Detected	16	Not Detected
Cumene	1.6	Not Detected	7.8	Not Detected
1,1,2,2-Tetrachloroethane	1.6	Not Detected	11	Not Detected
Propylbenzene	1.6	Not Detected	7.8	Not Detected
4-Ethyltoluene	1.6	Not Detected	7.8	Not Detected
1,3,5-Trimethylbenzene	1.6	Not Detected	7.8	Not Detected
1,2,4-Trimethylbenzene	1.6	Not Detected	7.8	Not Detected
1,3-Dichlorobenzene	1.6	Not Detected	9.5	Not Detected
1,4-Dichlorobenzene	1.6	0.35 J	9.5	2.1 J
alpha-Chlorotoluene	1.6	0.32 J	8.2	1.6 J
1,2-Dichlorobenzene	1.6	Not Detected	9.5	Not Detected
1,2,4-Trichlorobenzene	6.3	Not Detected	47	Not Detected
Hexachlorobutadiene	6.3	Not Detected	67	Not Detected
Butane	6.3	12	15	29
Isopentane	6.3	3.0 J	19	8.7 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	86	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: VMP-43-30-043013

Lab ID#: 1305031A-19A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050610**	**Date of Collection:**	**4/30/13 11:51:00 AM**
Dil. Factor:	**3.05**	**Date of Analysis:**	**5/6/13 02:07 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.47 J	7.5	2.3 J
Freon 114	1.5	Not Detected	11	Not Detected
Chloromethane	15	Not Detected	31	Not Detected
Vinyl Chloride	1.5	Not Detected	3.9	Not Detected
1,3-Butadiene	1.5	Not Detected	3.4	Not Detected
Bromomethane	15	Not Detected	59	Not Detected
Chloroethane	6.1	Not Detected	16	Not Detected
Freon 11	1.5	0.36 J	8.6	2.0 J
Ethanol	6.1	12	11	22
Freon 113	1.5	Not Detected	12	Not Detected
1,1-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Acetone	15	10 J	36	25 J
2-Propanol	6.1	Not Detected	15	Not Detected
Carbon Disulfide	6.1	~~1.0 J~~ U	19	~~3.3 J~~ U
3-Chloropropene	6.1	Not Detected	19	Not Detected
Methylene Chloride	15	~~0.52 J~~ U	53	~~1.8 J~~ U
Methyl tert-butyl ether	1.5	Not Detected	5.5	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Hexane	1.5	Not Detected	5.4	Not Detected
1,1-Dichloroethane	1.5	Not Detected	6.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.1	6.2	18	18
cis-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.5	Not Detected
Chloroform	1.5	7.2	7.4	35
1,1,1-Trichloroethane	1.5	Not Detected	8.3	Not Detected
Cyclohexane	1.5	Not Detected	5.2	Not Detected
Carbon Tetrachloride	1.5	Not Detected	9.6	Not Detected
2,2,4-Trimethylpentane	1.5	Not Detected	7.1	Not Detected
Benzene	1.5	~~0.71 J~~ U	4.9	~~2.2 J~~ U
1,2-Dichloroethane	1.5	Not Detected	6.2	Not Detected
Heptane	1.5	Not Detected	6.2	Not Detected
Trichloroethene	1.5	Not Detected	8.2	Not Detected
1,2-Dichloropropane	1.5	Not Detected	7.0	Not Detected
1,4-Dioxane	6.1	Not Detected	22	Not Detected
Bromodichloromethane	1.5	2.2	10	15
cis-1,3-Dichloropropene	1.5	Not Detected	6.9	Not Detected
4-Methyl-2-pentanone	1.5	1.3 J	6.2	5.2 J
Toluene	1.5	~~0.28 J~~ U	5.7	~~1.1 J~~ U
trans-1,3-Dichloropropene	1.5	~~0.46 J~~ U	6.9	~~2.1 J~~ U
1,1,2-Trichloroethane	1.5	Not Detected	8.3	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	6.1	Not Detected	25	Not Detected

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Client Sample ID: VMP-43-30-043013

Lab ID#: 1305031A-19A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050610**	**Date of Collection:**	**4/30/13 11:51:00 AM**
Dil. Factor:	**3.05**	**Date of Analysis:**	**5/6/13 02:07 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	0.57 J	13	4.8 J
1,2-Dibromoethane (EDB)	1.5	Not Detected	12	Not Detected
Chlorobenzene	1.5	0.64 J	7.0	2.9 J
Ethyl Benzene	1.5	Not Detected	6.6	Not Detected
m,p-Xylene	1.5	Not Detected	6.6	Not Detected
o-Xylene	1.5	Not Detected	6.6	Not Detected
Styrene	1.5	Not Detected	6.5	Not Detected
Bromoform	1.5	Not Detected	16	Not Detected
Cumene	1.5	Not Detected	7.5	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.5	Not Detected
4-Ethyltoluene	1.5	Not Detected	7.5	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.5	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.5	Not Detected
1,3-Dichlorobenzene	1.5	Not Detected	9.2	Not Detected
1,4-Dichlorobenzene	1.5	0.34 J	9.2	2.0 J
alpha-Chlorotoluene	1.5	Not Detected	7.9	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	9.2	Not Detected
1,2,4-Trichlorobenzene	6.1	Not Detected	45	Not Detected
Hexachlorobutadiene	6.1	Not Detected	65	Not Detected
Butane	6.1	5.3 J	14	12 J
Isopentane	6.1	Not Detected	18	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	93	70-130

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Client Sample ID: VMP-45-10-042913

Lab ID#: 1305031A-20A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j050611	Date of Collection:	4/29/13 10:18:00 AM
Dil. Factor:	2.89	Date of Analysis:	5/6/13 02:26 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.53 J	7.1	2.6 J
Freon 114	1.4	Not Detected	10	Not Detected
Chloromethane	14	Not Detected	30	Not Detected
Vinyl Chloride	1.4	Not Detected	3.7	Not Detected
1,3-Butadiene	1.4	Not Detected	3.2	Not Detected
Bromomethane	14	Not Detected	56	Not Detected
Chloroethane	5.8	Not Detected	15	Not Detected
Freon 11	1.4	Not Detected	8.1	Not Detected
Ethanol	5.8	3.2 J	11	6.0 J
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Acetone	14	8.4 J	34	20 J
2-Propanol	5.8	Not Detected	14	Not Detected
Carbon Disulfide	5.8	~~1.1 J~~	18	~~3.3 J~~
3-Chloropropene	5.8	Not Detected	18	Not Detected
Methylene Chloride	14	1.5 J	50	5.1 J
Methyl tert-butyl ether	1.4	Not Detected	5.2	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Hexane	1.4	Not Detected	5.1	Not Detected
1,1-Dichloroethane	1.4	Not Detected	5.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.8	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.3	Not Detected
Chloroform	1.4	Not Detected	7.0	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.9	Not Detected
Cyclohexane	1.4	Not Detected	5.0	Not Detected
Carbon Tetrachloride	1.4	Not Detected	9.1	Not Detected
2,2,4-Trimethylpentane	1.4	42	6.8	190
Benzene	1.4	~~0.33 J~~	4.6	~~1.0 J~~
1,2-Dichloroethane	1.4	Not Detected	5.8	Not Detected
Heptane	1.4	Not Detected	5.9	Not Detected
Trichloroethene	1.4	Not Detected	7.8	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.7	Not Detected
1,4-Dioxane	5.8	Not Detected	21	Not Detected
Bromodichloromethane	1.4	Not Detected	9.7	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.6	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.9	Not Detected
Toluene	1.4	Not Detected	5.4	Not Detected
trans-1,3-Dichloropropene	1.4	Not Detected	6.6	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.9	Not Detected
Tetrachloroethene	1.4	Not Detected	9.8	Not Detected
2-Hexanone	5.8	Not Detected	24	Not Detected

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Client Sample ID: VMP-45-10-042913

Lab ID#: 1305031A-20A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050611**	**Date of Collection:**	**4/29/13 10:18:00 AM**
Dil. Factor:	**2.89**	**Date of Analysis:**	**5/6/13 02:26 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	~~0.59 J~~ U	6.6	~~2.7 J~~ U
Ethyl Benzene	1.4	0.77 J	6.3	3.4 J
m,p-Xylene	1.4	0.41 J	6.3	1.8 J
o-Xylene	1.4	Not Detected	6.3	Not Detected
Styrene	1.4	Not Detected	6.2	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	~~0.53 J~~ U	7.1	~~2.6 J~~ U
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.9	Not Detected
Propylbenzene	1.4	~~0.56 J~~ U	7.1	~~2.8 J~~ U
4-Ethyltoluene	1.4	~~0.21 J~~ U	7.1	~~1.0 J~~ U
1,3,5-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.7	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.7	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.5	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.7	Not Detected
1,2,4-Trichlorobenzene	5.8	Not Detected	43	Not Detected
Hexachlorobutadiene	5.8	Not Detected	62	Not Detected
Butane	5.8	Not Detected	14	Not Detected
Isopentane	5.8	9.5	17	28

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: VMP-45-20-042913

Lab ID#: 1305031A-21A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050612**	**Date of Collection:**	**4/29/13 11:24:00 AM**
Dil. Factor:	**3.05**	**Date of Analysis:**	**5/6/13 03:16 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.45 J	7.5	2.2 J
Freon 114	1.5	Not Detected	11	Not Detected
Chloromethane	15	Not Detected	31	Not Detected
Vinyl Chloride	1.5	Not Detected	3.9	Not Detected
1,3-Butadiene	1.5	Not Detected	3.4	Not Detected
Bromomethane	15	Not Detected	59	Not Detected
Chloroethane	6.1	Not Detected	16	Not Detected
Freon 11	1.5	Not Detected	8.6	Not Detected
Ethanol	6.1	2.1 J	11	4.0 J
Freon 113	1.5	Not Detected	12	Not Detected
1,1-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Acetone	15	8.5 J	36	20 J
2-Propanol	6.1	Not Detected	15	Not Detected
Carbon Disulfide	6.1	~~0.93 J~~	19	~~2.9 J~~
3-Chloropropene	6.1	Not Detected	19	Not Detected
Methylene Chloride	15	Not Detected	53	Not Detected
Methyl tert-butyl ether	1.5	Not Detected	5.5	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Hexane	1.5	3.4	5.4	12
1,1-Dichloroethane	1.5	Not Detected	6.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.1	1.7 J	18	5.0 J
cis-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.5	Not Detected
Chloroform	1.5	Not Detected	7.4	Not Detected
1,1,1-Trichloroethane	1.5	Not Detected	8.3	Not Detected
Cyclohexane	1.5	1.5	5.2	5.1
Carbon Tetrachloride	1.5	Not Detected	9.6	Not Detected
2,2,4-Trimethylpentane	1.5	14	7.1	63
Benzene	1.5	4.0	4.9	13
1,2-Dichloroethane	1.5	Not Detected	6.2	Not Detected
Heptane	1.5	3.5	6.2	14
Trichloroethene	1.5	Not Detected	8.2	Not Detected
1,2-Dichloropropane	1.5	Not Detected	7.0	Not Detected
1,4-Dioxane	6.1	Not Detected	22	Not Detected
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.9	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.2	Not Detected
Toluene	1.5	1.5	5.7	5.7
trans-1,3-Dichloropropene	1.5	Not Detected	6.9	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.3	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	6.1	Not Detected	25	Not Detected

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Client Sample ID: VMP-45-20-042913

Lab ID#: 1305031A-21A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050612**	**Date of Collection: 4/29/13 11:24:00 AM**	
Dil. Factor:	**3.05**	**Date of Analysis: 5/6/13 03:16 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	12	Not Detected
Chlorobenzene	1.5	0.71 J	7.0	3.3 J
Ethyl Benzene	1.5	2.6	6.6	11
m,p-Xylene	1.5	5.0	6.6	22
o-Xylene	1.5	2.5	6.6	11
Styrene	1.5	0.20 J	6.5	0.84 J
Bromoform	1.5	Not Detected	16	Not Detected
Cumene	1.5	Not Detected	7.5	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.5	Not Detected
4-Ethyltoluene	1.5	1.0 J	7.5	5.0 J
1,3,5-Trimethylbenzene	1.5	Not Detected	7.5	Not Detected
1,2,4-Trimethylbenzene	1.5	0.49 J	7.5	2.4 J
1,3-Dichlorobenzene	1.5	Not Detected	9.2	Not Detected
1,4-Dichlorobenzene	1.5	Not Detected	9.2	Not Detected
alpha-Chlorotoluene	1.5	Not Detected	7.9	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	9.2	Not Detected
1,2,4-Trichlorobenzene	6.1	Not Detected	45	Not Detected
Hexachlorobutadiene	6.1	Not Detected	65	Not Detected
Butane	6.1	4.7 J	14	11 J
Isopentane	6.1	4.2 J	18	12 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: VMP-45-20-042913-Dup

Lab ID#: 1305031A-22A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050613**	**Date of Collection:**	**4/29/13 11:24:00 AM**
Dil. Factor:	**2.98**	**Date of Analysis:**	**5/6/13 04:03 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.52 J	7.4	2.6 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	Not Detected	31	Not Detected
Vinyl Chloride	1.5	Not Detected	3.8	Not Detected
1,3-Butadiene	1.5	Not Detected	3.3	Not Detected
Bromomethane	15	Not Detected	58	Not Detected
Chloroethane	6.0	Not Detected	16	Not Detected
Freon 11	1.5	Not Detected	8.4	Not Detected
Ethanol	6.0	1.1 J	11	2.1 J
Freon 113	1.5	Not Detected	11	Not Detected
1,1-Dichloroethene	1.5	Not Detected	5.9	Not Detected
Acetone	15	9.3 J	35	22 J
2-Propanol	6.0	Not Detected	15	Not Detected
Carbon Disulfide	6.0	~~0.74 J~~	18	~~2.3 J~~
3-Chloropropene	6.0	Not Detected	19	Not Detected
Methylene Chloride	15	~~0.76 J~~	52	~~2.6 J~~
Methyl tert-butyl ether	1.5	Not Detected	5.4	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	5.9	Not Detected
Hexane	1.5	5.4	5.2	19
1,1-Dichloroethane	1.5	Not Detected	6.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.0	2.1 J	18	6.2 J
cis-1,2-Dichloroethene	1.5	Not Detected	5.9	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.4	Not Detected
Chloroform	1.5	Not Detected	7.3	Not Detected
1,1,1-Trichloroethane	1.5	Not Detected	8.1	Not Detected
Cyclohexane	1.5	2.3	5.1	7.9
Carbon Tetrachloride	1.5	Not Detected	9.4	Not Detected
2,2,4-Trimethylpentane	1.5	16	7.0	73
Benzene	1.5	5.1	4.8	16
1,2-Dichloroethane	1.5	Not Detected	6.0	Not Detected
Heptane	1.5	4.6	6.1	19
Trichloroethene	1.5	Not Detected	8.0	Not Detected
1,2-Dichloropropane	1.5	Not Detected	6.9	Not Detected
1,4-Dioxane	6.0	Not Detected	21	Not Detected
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.8	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.1	Not Detected
Toluene	1.5	1.8	5.6	7.0
trans-1,3-Dichloropropene	1.5	Not Detected	6.8	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.1	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	6.0	Not Detected	24	Not Detected

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Client Sample ID: VMP-45-20-042913-Dup

Lab ID#: 1305031A-22A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050613**	**Date of Collection:**	**4/29/13 11:24:00 AM**
Dil. Factor:	**2.98**	**Date of Analysis:**	**5/6/13 04:03 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	11	Not Detected
Chlorobenzene	1.5	~~0.67 J~~ U	6.8	~~3.1 J~~ U
Ethyl Benzene	1.5	3.0	6.5	13
m,p-Xylene	1.5	6.3	6.5	27
o-Xylene	1.5	3.5	6.5	15
Styrene	1.5	~~0.29 J~~ U	6.3	~~1.2 J~~ U
Bromoform	1.5	Not Detected	15	Not Detected
Cumene	1.5	~~0.26 J~~ U	7.3	~~1.3 J~~ U
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	~~0.24 J~~ U	7.3	~~1.2 J~~ U
4-Ethyltoluene	1.5	1.2 J	7.3	6.0 J
1,3,5-Trimethylbenzene	1.5	~~0.59 J~~ U	7.3	~~2.9 J~~ U
1,2,4-Trimethylbenzene	1.5	~~0.52 J~~ U	7.3	~~2.6 J~~ U
1,3-Dichlorobenzene	1.5	Not Detected	9.0	Not Detected
1,4-Dichlorobenzene	1.5	~~0.34 J~~ U	9.0	~~2.0 J~~ U
alpha-Chlorotoluene	1.5	Not Detected	7.7	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	9.0	Not Detected
1,2,4-Trichlorobenzene	6.0	Not Detected	44	Not Detected
Hexachlorobutadiene	6.0	Not Detected	64	Not Detected
Butane	6.0	6.8	14	16
Isopentane	6.0	7.2	18	21

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	98	70-130

Client Sample ID: VMP-45-30-042913

Lab ID#: 1305031A-23A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050614**	**Date of Collection:**	**4/29/13 12:25:00 PM**
Dil. Factor:	**5.88**	**Date of Analysis:**	**5/6/13 04:43 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	2.9	0.53 J	14	2.6 J
Freon 114	2.9	Not Detected	20	Not Detected
Chloromethane	29	Not Detected	61	Not Detected
Vinyl Chloride	2.9	Not Detected	7.5	Not Detected
1,3-Butadiene	2.9	Not Detected	6.5	Not Detected
Bromomethane	29	Not Detected	110	Not Detected
Chloroethane	12	Not Detected	31	Not Detected
Freon 11	2.9	Not Detected	16	Not Detected
Ethanol	12	Not Detected	22	Not Detected
Freon 113	2.9	Not Detected	22	Not Detected
1,1-Dichloroethene	2.9	Not Detected	12	Not Detected
Acetone	29	11 J	70	27 J
2-Propanol	12	Not Detected	29	Not Detected
Carbon Disulfide	12	Not Detected	37	Not Detected
3-Chloropropene	12	Not Detected	37	Not Detected
Methylene Chloride	29	Not Detected	100	Not Detected
Methyl tert-butyl ether	2.9	Not Detected	10	Not Detected
trans-1,2-Dichloroethene	2.9	Not Detected	12	Not Detected
Hexane	2.9	Not Detected	10	Not Detected
1,1-Dichloroethane	2.9	Not Detected	12	Not Detected
2-Butanone (Methyl Ethyl Ketone)	12	Not Detected	35	Not Detected
cis-1,2-Dichloroethene	2.9	Not Detected	12	Not Detected
Tetrahydrofuran	2.9	Not Detected	8.7	Not Detected
Chloroform	2.9	Not Detected	14	Not Detected
1,1,1-Trichloroethane	2.9	Not Detected	16	Not Detected
Cyclohexane	2.9	Not Detected	10	Not Detected
Carbon Tetrachloride	2.9	Not Detected	18	Not Detected
2,2,4-Trimethylpentane	2.9	60	14	280
Benzene	2.9	1.9 J	9.4	6.2 J
1,2-Dichloroethane	2.9	Not Detected	12	Not Detected
Heptane	2.9	Not Detected	12	Not Detected
Trichloroethene	2.9	Not Detected	16	Not Detected
1,2-Dichloropropane	2.9	Not Detected	14	Not Detected
1,4-Dioxane	12	Not Detected	42	Not Detected
Bromodichloromethane	2.9	Not Detected	20	Not Detected
cis-1,3-Dichloropropene	2.9	Not Detected	13	Not Detected
4-Methyl-2-pentanone	2.9	Not Detected	12	Not Detected
Toluene	2.9	Not Detected	11	Not Detected
trans-1,3-Dichloropropene	2.9	Not Detected	13	Not Detected
1,1,2-Trichloroethane	2.9	Not Detected	16	Not Detected
Tetrachloroethene	2.9	Not Detected	20	Not Detected
2-Hexanone	12	Not Detected	48	Not Detected

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Client Sample ID: VMP-45-30-042913

Lab ID#: 1305031A-23A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050614**	**Date of Collection: 4/29/13 12:25:00 PM**	
Dil. Factor:	**5.88**	**Date of Analysis: 5/6/13 04:43 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	2.9	Not Detected	25	Not Detected
1,2-Dibromoethane (EDB)	2.9	Not Detected	22	Not Detected
Chlorobenzene	2.9	~~1.4 J~~ U	14	~~6.2 J~~ U
Ethyl Benzene	2.9	1.0 J	13	4.4 J
m,p-Xylene	2.9	Not Detected	13	Not Detected
o-Xylene	2.9	Not Detected	13	Not Detected
Styrene	2.9	~~0.33 J~~ U	12	~~1.4 J~~ U
Bromoform	2.9	Not Detected	30	Not Detected
Cumene	2.9	~~0.57 J~~ U	14	~~2.8 J~~ U
1,1,2,2-Tetrachloroethane	2.9	Not Detected	20	Not Detected
Propylbenzene	2.9	2.8 J	14	14 J
4-Ethyltoluene	2.9	~~0.54 J~~ U	14	~~2.6 J~~ U
1,3,5-Trimethylbenzene	2.9	Not Detected	14	Not Detected
1,2,4-Trimethylbenzene	2.9	Not Detected	14	Not Detected
1,3-Dichlorobenzene	2.9	Not Detected	18	Not Detected
1,4-Dichlorobenzene	2.9	Not Detected	18	Not Detected
alpha-Chlorotoluene	2.9	Not Detected	15	Not Detected
1,2-Dichlorobenzene	2.9	~~0.70 J~~ U	18	~~4.2 J~~ U
1,2,4-Trichlorobenzene	12	Not Detected	87	Not Detected
Hexachlorobutadiene	12	Not Detected	120	Not Detected
Butane	12	Not Detected	28	Not Detected
Isopentane	12	4.6 J	35	14 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	87	70-130
4-Bromofluorobenzene	102	70-130

Client Sample ID: Lab Blank

Lab ID#: 1305031A-24A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050305a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/3/13 11:44 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	0.56 J	3.8	1.0 J
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	0.71 J	6.2	2.2 J
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	0.49 J	17	1.7 J
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	0.27 J	2.0	1.1 J
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	0.20 J	2.0	0.80 J
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	0.12 J	2.4	0.58 J
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	0.075 J	3.1	0.47 J
2,2,4-Trimethylpentane	0.50	0.081 J	2.3	0.38 J
Benzene	0.50	0.16 J	1.6	0.51 J
1,2-Dichloroethane	0.50	0.21 J	2.0	0.84 J
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	0.24 J	2.7	1.3 J
1,2-Dichloropropane	0.50	0.16 J	2.3	0.74 J
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	0.14 J	3.4	0.94 J
cis-1,3-Dichloropropene	0.50	0.18 J	2.3	0.81 J
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	0.16 J	1.9	0.59 J
trans-1,3-Dichloropropene	0.50	0.32 J	2.3	1.4 J
1,1,2-Trichloroethane	0.50	0.17 J	2.7	0.95 J
Tetrachloroethene	0.50	0.27 J	3.4	1.8 J
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1305031A-24A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050305a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/3/13 11:44 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	0.14 J	4.2	1.2 J
1,2-Dibromoethane (EDB)	0.50	0.20 J	3.8	1.6 J
Chlorobenzene	0.50	0.35 J	2.3	1.6 J
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	0.14 J	2.2	0.61 J
o-Xylene	0.50	0.13 J	2.2	0.56 J
Styrene	0.50	0.18 J	2.1	0.75 J
Bromoform	0.50	0.14 J	5.2	1.5 J
Cumene	0.50	0.18 J	2.4	0.87 J
1,1,2,2-Tetrachloroethane	0.50	0.17 J	3.4	1.2 J
Propylbenzene	0.50	0.24 J	2.4	1.2 J
4-Ethyltoluene	0.50	0.17 J	2.4	0.86 J
1,3,5-Trimethylbenzene	0.50	0.23 J	2.4	1.1 J
1,2,4-Trimethylbenzene	0.50	0.23 J	2.4	1.2 J
1,3-Dichlorobenzene	0.50	0.34 J	3.0	2.1 J
1,4-Dichlorobenzene	0.50	0.38 J	3.0	2.3 J
alpha-Chlorotoluene	0.50	0.24 J	2.6	1.2 J
1,2-Dichlorobenzene	0.50	0.33 J	3.0	2.0 J
1,2,4-Trichlorobenzene	2.0	1.3 J	15	9.8 J
Hexachlorobutadiene	2.0	0.85 J	21	9.1 J
Butane	2.0	Not Detected	4.8	Not Detected
Isopentane	2.0	Not Detected	5.9	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1305031A-24B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050606a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/6/13 11:37 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	0.29 J	19	1.1 J
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	0.51 J	12	1.2 J
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	0.67 J	6.2	2.1 J
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	0.29 J	17	1.0 J
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	0.20 J	2.0	0.81 J
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	0.14 J	2.0	0.56 J
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	0.14 J	2.4	0.66 J
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	0.073 J	3.1	0.46 J
2,2,4-Trimethylpentane	0.50	0.064 J	2.3	0.30 J
Benzene	0.50	0.17 J	1.6	0.54 J
1,2-Dichloroethane	0.50	0.23 J	2.0	0.93 J
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	0.19 J	2.7	1.0 J
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	0.27 J	7.2	0.98 J
Bromodichloromethane	0.50	0.16 J	3.4	1.0 J
cis-1,3-Dichloropropene	0.50	0.22 J	2.3	0.98 J
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	0.13 J	1.9	0.50 J
trans-1,3-Dichloropropene	0.50	0.22 J	2.3	1.0 J
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	0.17 J	3.4	1.1 J
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1305031A-24B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050606a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/6/13 11:37 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	0.14 J	4.2	1.2 J
1,2-Dibromoethane (EDB)	0.50	0.20 J	3.8	1.5 J
Chlorobenzene	0.50	0.35 J	2.3	1.6 J
Ethyl Benzene	0.50	0.13 J	2.2	0.57 J
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	0.12 J	2.2	0.51 J
Styrene	0.50	0.13 J	2.1	0.55 J
Bromoform	0.50	0.14 J	5.2	1.4 J
Cumene	0.50	0.14 J	2.4	0.71 J
1,1,2,2-Tetrachloroethane	0.50	0.18 J	3.4	1.2 J
Propylbenzene	0.50	0.18 J	2.4	0.89 J
4-Ethyltoluene	0.50	0.21 J	2.4	1.0 J
1,3,5-Trimethylbenzene	0.50	0.20 J	2.4	0.98 J
1,2,4-Trimethylbenzene	0.50	0.22 J	2.4	1.1 J
1,3-Dichlorobenzene	0.50	0.35 J	3.0	2.1 J
1,4-Dichlorobenzene	0.50	0.34 J	3.0	2.0 J
alpha-Chlorotoluene	0.50	0.27 J	2.6	1.4 J
1,2-Dichlorobenzene	0.50	0.37 J	3.0	2.2 J
1,2,4-Trichlorobenzene	2.0	1.3 J	15	9.6 J
Hexachlorobutadiene	2.0	0.80 J	21	8.6 J
Butane	2.0	Not Detected	4.8	Not Detected
Isopentane	2.0	Not Detected	5.9	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: CCV

Lab ID#: 1305031A-25A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050302**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/3/13 10:02 AM**	

Compound	%Recovery
Freon 12	95
Freon 114	100
Chloromethane	101
Vinyl Chloride	104
1,3-Butadiene	100
Bromomethane	109
Chloroethane	108
Freon 11	96
Ethanol	97
Freon 113	100
1,1-Dichloroethene	104
Acetone	110
2-Propanol	100
Carbon Disulfide	102
3-Chloropropene	100
Methylene Chloride	94
Methyl tert-butyl ether	109
trans-1,2-Dichloroethene	100
Hexane	105
1,1-Dichloroethane	102
2-Butanone (Methyl Ethyl Ketone)	109
cis-1,2-Dichloroethene	98
Tetrahydrofuran	101
Chloroform	97
1,1,1-Trichloroethane	92
Cyclohexane	102
Carbon Tetrachloride	92
2,2,4-Trimethylpentane	101
Benzene	111
1,2-Dichloroethane	101
Heptane	113
Trichloroethene	102
1,2-Dichloropropane	107
1,4-Dioxane	112
Bromodichloromethane	98
cis-1,3-Dichloropropene	101
4-Methyl-2-pentanone	112
Toluene	102
trans-1,3-Dichloropropene	110
1,1,2-Trichloroethane	106
Tetrachloroethene	98
2-Hexanone	119

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Client Sample ID: CCV

Lab ID#: I305031A-25A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050302**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/3/13 10:02 AM**

Compound	%Recovery
Dibromochloromethane	102
1,2-Dibromoethane (EDB)	102
Chlorobenzene	90
Ethyl Benzene	102
m,p-Xylene	105
o-Xylene	102
Styrene	105
Bromoform	95
Cumene	101
1,1,2,2-Tetrachloroethane	100
Propylbenzene	101
4-Ethyltoluene	106
1,3,5-Trimethylbenzene	94
1,2,4-Trimethylbenzene	94
1,3-Dichlorobenzene	89
1,4-Dichlorobenzene	92
alpha-Chlorotoluene	104
1,2-Dichlorobenzene	88
1,2,4-Trichlorobenzene	85
Hexachlorobutadiene	89
Butane	114
Isopentane	98

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: CCV

Lab ID#: 130503IA-25B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/6/13 09:41 AM**	

Compound	%Recovery
Freon 12	96
Freon 114	102
Chloromethane	100
Vinyl Chloride	105
1,3-Butadiene	105
Bromomethane	113
Chloroethane	106
Freon 11	95
Ethanol	97
Freon 113	101
1,1-Dichloroethene	103
Acetone	106
2-Propanol	101
Carbon Disulfide	102
3-Chloropropene	104
Methylene Chloride	95
Methyl tert-butyl ether	111
trans-1,2-Dichloroethene	99
Hexane	104
1,1-Dichloroethane	103
2-Butanone (Methyl Ethyl Ketone)	108
cis-1,2-Dichloroethene	100
Tetrahydrofuran	102
Chloroform	98
1,1,1-Trichloroethane	93
Cyclohexane	102
Carbon Tetrachloride	91
2,2,4-Trimethylpentane	100
Benzene	110
1,2-Dichloroethane	99
Heptane	113
Trichloroethene	99
1,2-Dichloropropane	105
1,4-Dioxane	111
Bromodichloromethane	98
cis-1,3-Dichloropropene	99
4-Methyl-2-pentanone	109
Toluene	102
trans-1,3-Dichloropropene	107
1,1,2-Trichloroethane	105
Tetrachloroethene	97
2-Hexanone	117

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Client Sample ID: CCV

Lab ID#: 1305031A-25B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/6/13 09:41 AM**	

Compound	%Recovery
Dibromochloromethane	101
1,2-Dibromoethane (EDB)	102
Chlorobenzene	90
Ethyl Benzene	100
m,p-Xylene	105
o-Xylene	103
Styrene	105
Bromoform	95
Cumene	101
1,1,2,2-Tetrachloroethane	98
Propylbenzene	100
4-Ethyltoluene	104
1,3,5-Trimethylbenzene	92
1,2,4-Trimethylbenzene	95
1,3-Dichlorobenzene	89
1,4-Dichlorobenzene	90
alpha-Chlorotoluene	105
1,2-Dichlorobenzene	90
1,2,4-Trichlorobenzene	88
Hexachlorobutadiene	88
Butane	114
Isopentane	98

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: LCS
Lab ID#: 1305031A-26A
EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/3/13 10:40 AM**	

Compound	%Recovery
Freon 12	93
Freon 114	98
Chloromethane	98
Vinyl Chloride	104
1,3-Butadiene	101
Bromomethane	109
Chloroethane	102
Freon 11	91
Ethanol	79
Freon 113	98
1,1-Dichloroethene	107
Acetone	100
2-Propanol	95
Carbon Disulfide	120
3-Chloropropene	114
Methylene Chloride	92
Methyl tert-butyl ether	104
trans-1,2-Dichloroethene	107
Hexane	98
1,1-Dichloroethane	97
2-Butanone (Methyl Ethyl Ketone)	106
cis-1,2-Dichloroethene	92
Tetrahydrofuran	92
Chloroform	95
1,1,1-Trichloroethane	90
Cyclohexane	98
Carbon Tetrachloride	89
2,2,4-Trimethylpentane	95
Benzene	106
1,2-Dichloroethane	92
Heptane	104
Trichloroethene	98
1,2-Dichloropropane	102
1,4-Dioxane	104
Bromodichloromethane	93
cis-1,3-Dichloropropene	96
4-Methyl-2-pentanone	99
Toluene	96
trans-1,3-Dichloropropene	106
1,1,2-Trichloroethane	102
Tetrachloroethene	94
2-Hexanone	111

eurofins | Air Toxics

Client Sample ID: LCS
Lab ID#: 1305031A-26A
EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/3/13 10:40 AM**	

Compound	%Recovery
Dibromochloromethane	96
1,2-Dibromoethane (EDB)	99
Chlorobenzene	88
Ethyl Benzene	96
m,p-Xylene	102
o-Xylene	99
Styrene	100
Bromoform	89
Cumene	98
1,1,2,2-Tetrachloroethane	97
Propylbenzene	99
4-Ethyltoluene	98
1,3,5-Trimethylbenzene	89
1,2,4-Trimethylbenzene	90
1,3-Dichlorobenzene	87
1,4-Dichlorobenzene	88
alpha-Chlorotoluene	98
1,2-Dichlorobenzene	86
1,2,4-Trichlorobenzene	86
Hexachlorobutadiene	87
Butane	102
Isopentane	96

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: LCSD

Lab ID#: 1305031A-26AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050304**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/3/13 11:08 AM**	

Compound	%Recovery
Freon 12	93
Freon 114	97
Chloromethane	100
Vinyl Chloride	104
1,3-Butadiene	99
Bromomethane	110
Chloroethane	101
Freon 11	91
Ethanol	81
Freon 113	97
1,1-Dichloroethene	105
Acetone	101
2-Propanol	98
Carbon Disulfide	122
3-Chloropropene	114
Methylene Chloride	91
Methyl tert-butyl ether	106
trans-1,2-Dichloroethene	110
Hexane	99
1,1-Dichloroethane	98
2-Butanone (Methyl Ethyl Ketone)	106
cis-1,2-Dichloroethene	93
Tetrahydrofuran	93
Chloroform	95
1,1,1-Trichloroethane	90
Cyclohexane	99
Carbon Tetrachloride	89
2,2,4-Trimethylpentane	95
Benzene	106
1,2-Dichloroethane	92
Heptane	104
Trichloroethene	98
1,2-Dichloropropane	106
1,4-Dioxane	102
Bromodichloromethane	94
cis-1,3-Dichloropropene	96
4-Methyl-2-pentanone	102
Toluene	97
trans-1,3-Dichloropropene	104
1,1,2-Trichloroethane	104
Tetrachloroethene	94
2-Hexanone	111

eurofins | Air Toxics

Client Sample ID: LCSD

Lab ID#: 1305031A-26AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050304**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/3/13 11:08 AM**	

Compound	%Recovery
Dibromochloromethane	97
1,2-Dibromoethane (EDB)	99
Chlorobenzene	88
Ethyl Benzene	97
m,p-Xylene	104
o-Xylene	100
Styrene	101
Bromoform	91
Cumene	99
1,1,2,2-Tetrachloroethane	98
Propylbenzene	99
4-Ethyltoluene	99
1,3,5-Trimethylbenzene	90
1,2,4-Trimethylbenzene	89
1,3-Dichlorobenzene	88
1,4-Dichlorobenzene	89
alpha-Chlorotoluene	98
1,2-Dichlorobenzene	87
1,2,4-Trichlorobenzene	87
Hexachlorobutadiene	87
Butane	106
Isopentane	97

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: LCS

Lab ID#: 1305031A-26B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/6/13 10:18 AM**	

Compound	%Recovery
Freon 12	92
Freon 114	97
Chloromethane	96
Vinyl Chloride	103
1,3-Butadiene	99
Bromomethane	111
Chloroethane	102
Freon 11	91
Ethanol	75
Freon 113	98
1,1-Dichloroethene	105
Acetone	110
2-Propanol	95
Carbon Disulfide	120
3-Chloropropene	109
Methylene Chloride	89
Methyl tert-butyl ether	103
trans-1,2-Dichloroethene	107
Hexane	97
1,1-Dichloroethane	96
2-Butanone (Methyl Ethyl Ketone)	101
cis-1,2-Dichloroethene	93
Tetrahydrofuran	91
Chloroform	95
1,1,1-Trichloroethane	90
Cyclohexane	97
Carbon Tetrachloride	89
2,2,4-Trimethylpentane	94
Benzene	107
1,2-Dichloroethane	94
Heptane	106
Trichloroethene	100
1,2-Dichloropropane	103
1,4-Dioxane	100
Bromodichloromethane	96
cis-1,3-Dichloropropene	97
4-Methyl-2-pentanone	102
Toluene	98
trans-1,3-Dichloropropene	104
1,1,2-Trichloroethane	102
Tetrachloroethene	94
2-Hexanone	100

eurofins | Air Toxics

Client Sample ID: LCS

Lab ID#: 1305031A-26B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/6/13 10:18 AM**	

Compound	%Recovery
Dibromochloromethane	96
1,2-Dibromoethane (EDB)	98
Chlorobenzene	88
Ethyl Benzene	96
m,p-Xylene	102
o-Xylene	99
Styrene	95
Bromoform	89
Cumene	97
1,1,2,2-Tetrachloroethane	97
Propylbenzene	97
4-Ethyltoluene	96
1,3,5-Trimethylbenzene	88
1,2,4-Trimethylbenzene	87
1,3-Dichlorobenzene	87
1,4-Dichlorobenzene	87
alpha-Chlorotoluene	93
1,2-Dichlorobenzene	86
1,2,4-Trichlorobenzene	84
Hexachlorobutadiene	85
Butane	99
Isopentane	95

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: LCSD

Lab ID#: 1305031A-26BB

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050605**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/6/13 10:53 AM**	

Compound	%Recovery
Freon 12	91
Freon 114	96
Chloromethane	98
Vinyl Chloride	102
1,3-Butadiene	97
Bromomethane	110
Chloroethane	101
Freon 11	90
Ethanol	79
Freon 113	95
1,1-Dichloroethene	104
Acetone	110
2-Propanol	93
Carbon Disulfide	119
3-Chloropropene	114
Methylene Chloride	88
Methyl tert-butyl ether	103
trans-1,2-Dichloroethene	107
Hexane	97
1,1-Dichloroethane	94
2-Butanone (Methyl Ethyl Ketone)	102
cis-1,2-Dichloroethene	93
Tetrahydrofuran	90
Chloroform	93
1,1,1-Trichloroethane	89
Cyclohexane	97
Carbon Tetrachloride	89
2,2,4-Trimethylpentane	93
Benzene	103
1,2-Dichloroethane	92
Heptane	102
Trichloroethene	96
1,2-Dichloropropane	101
1,4-Dioxane	100
Bromodichloromethane	93
cis-1,3-Dichloropropene	93
4-Methyl-2-pentanone	98
Toluene	94
trans-1,3-Dichloropropene	103
1,1,2-Trichloroethane	100
Tetrachloroethene	93
2-Hexanone	98

eurofins | Air Toxics

Client Sample ID: LCSD

Lab ID#: 1305031A-26BB

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050605**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/6/13 10:53 AM**	

Compound	%Recovery
Dibromochloromethane	94
1,2-Dibromoethane (EDB)	97
Chlorobenzene	86
Ethyl Benzene	96
m,p-Xylene	101
o-Xylene	98
Styrene	93
Bromoform	88
Cumene	97
1,1,2,2-Tetrachloroethane	97
Propylbenzene	96
4-Ethyltoluene	95
1,3,5-Trimethylbenzene	86
1,2,4-Trimethylbenzene	87
1,3-Dichlorobenzene	86
1,4-Dichlorobenzene	87
alpha-Chlorotoluene	92
1,2-Dichlorobenzene	87
1,2,4-Trichlorobenzene	84
Hexachlorobutadiene	85
Butane	105
Isopentane	95

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	96	70-130

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian
INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0
☐ CHECK IF NO INCIDENT # APPLIES
PO #:
SAP #: 3 4 0 0 6 1
DATE: 04/30/13
PAGE: 1 of 3

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA
State: IL
GLOBAL ID NO:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300, ST. LOUIS, MO 63110
CDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO: 314-743-4179
E-MAIL: Elizabeth_Kunkel@URSCorp.com
CONSULTANT PROJECT MANAGER: Roxana Soil Vapor
Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
C. Williams, M. Mansker, B. Lehan, E. Arthur, L. Rathnow, S. Fisher
TELEPHONE: 314-429-0100
FAX: 314-429-0462
Bill To Contact E-MAIL: Robert.Mooshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:
DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
01	VMP-5-5-042913	04/29/13	0915-0945	12368	-29	-9			X	X	
02	VMP-5-12.5-042913	04/29/13	1007-1037	33718	-28.5	-9			X	X	
03	VMP-5-31-042913	04/29/13	1125-1200	3019	-29	-8.5			X	X	
04	VMP-5-40-042913	04/29/13	1222-1256	37784	-29	-8.5			X	X	
05	VMP-6-31.5-042913	04/29/13	1535-1605	36536	-30	-9			X	X	
06	VMP-8-5-042513	04/25/13	1343-1413	37741	-30	-10.5			X	X	
07	VMP-6-9.5-042513	04/25/13	1446-1516	15763	-30	-10			X	X	
08	VMP-11-5-043013	04/30/13	0855-0927	34647	-29.5	-9.5			X	X	
09	VMP-11-29-043013	04/30/13	1033-1107	33721	-29.5	-8.5			X	X	
10	VMP-11-38-043013	04/30/13	1139-1210	37315	-30	-8.5			X	X	

Turn Around Time: ☑ Normal ☐ Rush ☐ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

FedEx
Custody Seal Intact?
Y N None Temp NA

	Relinquished by: (Signature)	Received by: (Signature)	Date	Time
1		FEDEX	4/30/13	1800
2	Relinquished by: (Signature)	Received by: (Signature) Katie Decker ATL	05/01/13	0950
3	Relinquished by: (Signature)	Received by: (Signature)	Date	Time

05/2/05 Revision

1305031

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SO&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Moosheg-an

INCIDENT # (ENV SERVICES): 9 7 2 1 5 6 4 0
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 04/30/13
PAGE: 2 of 3

PO #:
SAP #: 3 4 0 0 5 1

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA
State: IL
GLOBAL ID NO.:

ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300, ST LOUIS, MO 63110
EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO.: 314-743-4179
E-MAIL: Elizabeth_Kunkel@URSCorp.com
CONSULTANT PROJECT NAME: Roxana Soil Vapor

LABORATORY NAME: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
C. Williams, M. Mansker, B. Lehan, E. Arthur, L. Rathnow, S. Fisher

TELEPHONE: 314-429-0100
FAX: 314-429-0462
Bill To Contact E-MAIL: Robert.Moosheg-an@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946				
1A	VMP-24-10-042513	04/25/13	1003-1035	34133	-30	-9.5			X	X					
2A	VMP-24-22-042513	04/25/13	1050-1120	37742	-30	-10			X	X					
3A	VMP-24-22-042513-Dup	04/25/13	1050-1120	36419	-30	-11.5			X	X					
4A	VMP-41-10-043013	04/30/13	0900-0932	35553	-29	-7			X	X					
5A	VMP-41-20-043013	04/30/13	1002-1034	15749	-29	-6			X	X					
6A	VMP-41-20-043013-Dup	04/30/13	1002-1034	15725	-29.5	-7			X	X					
7A	VMP-41-30-043013	04/30/13	1056-1126	34177	-26.5	-8			X	X					
8A	VMP-43-20-043013	04/30/13	1014-1044	36391	-26.5	-10			X	X					
9A	VMP-43-30-043013	04/30/13	1117-1151	37778	-29	-10			X	X					
10A															

Turn Around Time:
☑ Normal
☐ Rush
Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N2 He

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

Fed Ex
Custody Seal Intact?
(Y) N None Temp NA

	Relinquished by (Signature)	Received by (Signature)	Date	Time
1		FEDEX	4/30/13	1800
2	Relinquished by (Signature)	Received by (Signature) Katie Pecks ATL	05/01/13	0950
3	Relinquished by (Signature)	Received by (Signature)		

05/2/08 Revision

1305631

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CH ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian

INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0 ☐ CHECK IF NO INCIDENT # APPLIES

PO #:

SAP #: 3 4 0 0 6 1

DATE: 04/30/13

PAGE: 3 of 3

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA

State: IL

GLOBAL ID NO.:

ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST. LOUIS, MO 63110

COC DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis

PHONE NO.: 314-743-4179

E-MAIL: Elizabeth_Kunkel@URSCorp.com

CONSULTANT PROJECT NAME/#: Roxana Soil Vapor

Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719

TELEPHONE: 314-429-0100

FAX: 314-429-0462

COC To Contact E-MAIL: Robert.Mooshegian@urs.com

C. Williams, M. Mansker, B. Lehan, E. Arthur, L. Rathinow, S. Fisher

TURNAROUND TIME (CALENDAR DAYS)
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY

DELIVERABLES ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

Turn Around Time: ☑ Normal ☐ Rush Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab Use Only	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946				
233	VMP-45-10-042913	04/29/13	0947-1018	12363	-29	-10			X	X					
234	VMP-45-20-042913	04/29/13	1052-1124	35604	-30	-10			X	X					
235	VMP-45-20-042913-Dup	04/29/13	1052-1124	36489	-30	-10			X	X					
236	VMP-45-30-042913	04/29/13	1152-1225	37696	-30	-9			X	X					

ADDITIONAL NOTES:

- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

Custody Seal Intact? (Y) N None Temp NA

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	FEDEX	4/30/13	1800
Relinquished by: (Signature)	Received by: (Signature) Kathy Becker ATL	05/01/13	0950
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

05/2006 Revision

1305031

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5/20/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305031B

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/1/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner
Project Manager

WORK ORDER #: 1305031B

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/01/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/20/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-5-5-042913	Modified ASTM D-1946	8.6 "Hg	14.8 psi
02A	VMP-5-12.5-042913	Modified ASTM D-1946	9.4 "Hg	14.9 psi
03A	VMP-5-31-042913	Modified ASTM D-1946	8.8 "Hg	15.2 psi
04A	VMP-5-40-042913	Modified ASTM D-1946	8.8 "Hg	14.9 psi
05A	VMP-6-31.5-042913	Modified ASTM D-1946	10.4 "Hg	14.4 psi
06A	VMP-8-5-042513	Modified ASTM D-1946	9 "Hg	15.2 psi
07A	VMP-8-9.5-042513	Modified ASTM D-1946	8 "Hg	14.3 psi
08A	VMP-11-5-043013	Modified ASTM D-1946	10 "Hg	14.8 psi
09A	VMP-11-29-043013	Modified ASTM D-1946	8.8 "Hg	14.9 psi
10A	VMP-11-38-043013	Modified ASTM D-1946	10 "Hg	14.7 psi
11A	VMP-24-10-042513	Modified ASTM D-1946	7.3 "Hg	14.7 psi
12A	VMP-24-22-042513	Modified ASTM D-1946	7.8 "Hg	14.7 psi
13A	VMP-24-22-042513-Dup	Modified ASTM D-1946	9.6 "Hg	14.9 psi
14A	VMP-41-10-043013	Modified ASTM D-1946	8.2 "Hg	14.5 psi
15A	VMP-41-20-043013	Modified ASTM D-1946	7.8 "Hg	15 psi
16A	VMP-41-20-043013-Dup	Modified ASTM D-1946	8.4 "Hg	15.3 psi
17A	VMP-41-30-043013	Modified ASTM D-1946	9 "Hg	14.5 psi
18A	VMP-43-20-043013	Modified ASTM D-1946	11 "Hg	14.7 psi
19A	VMP-43-30-043013	Modified ASTM D-1946	10 "Hg	15.2 psi
20A	VMP-45-10-042913	Modified ASTM D-1946	9 "Hg	15.1 psi
21A	VMP-45-20-042913	Modified ASTM D-1946	10.2 "Hg	14.9 psi
22A	VMP-45-20-042913-Dup	Modified ASTM D-1946	9.8 "Hg	14.8 psi
23A	VMP-45-30-042913	Modified ASTM D-1946	9 "Hg	15.6 psi

Continued on next page

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WORK ORDER #: 1305031B

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/01/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/20/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
24A	Lab Blank	Modified ASTM D-1946	NA	NA
24B	Lab Blank	Modified ASTM D-1946	NA	NA
24C	Lab Blank	Modified ASTM D-1946	NA	NA
24D	Lab Blank	Modified ASTM D-1946	NA	NA
25A	LCS	Modified ASTM D-1946	NA	NA
25AA	LCSD	Modified ASTM D-1946	NA	NA
25B	LCS	Modified ASTM D-1946	NA	NA
25BB	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY: Heidi Rogers DATE: 05/20/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified ASTM D-1946
URS Corporation
Workorder# 1305031B

twenty-three 1 Liter Summa Canister samples were received on May 01, 2013. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane and fixed gases in air using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Since Nitrogen is used to pressurize samples, the reported Nitrogen values are calculated by adding all the sample components and subtracting from 100%.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*ASTM D-1946*	*ATL Modifications*
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

The reporting limit for Nitrogen was raised from 0.10% to 0.50%.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-5-5-042913

Lab ID#: 1305031B-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	21
Nitrogen	1.4	79
Carbon Dioxide	0.028	0.10
Helium	0.14	0.094 J

Client Sample ID: VMP-5-12.5-042913

Lab ID#: 1305031B-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	21
Nitrogen	0.29	78
Carbon Dioxide	0.029	0.14
Helium	0.15	0.27

Client Sample ID: VMP-5-31-042913

Lab ID#: 1305031B-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	19
Nitrogen	1.4	79
Methane	0.00029	0.00016 J
Carbon Dioxide	0.029	1.8
Helium	0.14	0.034 J

Client Sample ID: VMP-5-40-042913

Lab ID#: 1305031B-04A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.38	20
Nitrogen	1.9	78
Methane	0.00038	0.00065
Carbon Dioxide	0.038	2.4

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-6-31.5-042913

Lab ID#: 1305031B-05A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	15
Nitrogen	1.5	79
Methane	0.00030	0.00045
Carbon Dioxide	0.030	6.1

Client Sample ID: VMP-8-5-042513

Lab ID#: 1305031B-06A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	22
Nitrogen	1.4	78
Methane	0.00029	0.00030
Carbon Dioxide	0.029	0.12

Client Sample ID: VMP-8-9.5-042513

Lab ID#: 1305031B-07A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	19
Nitrogen	1.3	79
Methane	0.00027	0.00010 J
Carbon Dioxide	0.027	2.2
Helium	0.13	0.025 J

Client Sample ID: VMP-11-5-043013

Lab ID#: 1305031B-08A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	21
Nitrogen	1.5	78
Methane	0.00030	0.00011 J
Carbon Dioxide	0.030	0.45

Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-11-5-043013

Lab ID#: 1305031B-08A

Helium	0.15	0.20

Client Sample ID: VMP-11-29-043013

Lab ID#: 1305031B-09A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	20
Nitrogen	1.4	79
Carbon Dioxide	0.028	1.4

Client Sample ID: VMP-11-38-043013

Lab ID#: 1305031B-10A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	18
Nitrogen	1.5	77
Methane	0.00030	0.00017 J
Carbon Dioxide	0.030	4.7

Client Sample ID: VMP-24-10-042513

Lab ID#: 1305031B-11A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.26	20
Nitrogen	1.3	78
Methane	0.00026	0.000086 J
Carbon Dioxide	0.026	2.4

Client Sample ID: VMP-24-22-042513

Lab ID#: 1305031B-12A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.36	18
Nitrogen	1.8	77

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-24-22-042513

Lab ID#: 1305031B-12A

Carbon Dioxide	0.036	5.2
Helium	0.18	0.021 J

Client Sample ID: VMP-24-22-042513-Dup

Lab ID#: 1305031B-13A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	18
Nitrogen	1.5	77
Carbon Dioxide	0.030	5.2
Helium	0.15	0.024 J

Client Sample ID: VMP-41-10-043013

Lab ID#: 1305031B-14A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	21
Nitrogen	1.4	79
Carbon Dioxide	0.027	0.30

Client Sample ID: VMP-41-20-043013

Lab ID#: 1305031B-15A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.36	25
Nitrogen	1.8	75
Carbon Dioxide	0.036	0.28
Helium	0.18	0.036 J

Client Sample ID: VMP-41-20-043013-Dup

Lab ID#: 1305031B-16A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.38	22

Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-41-20-043013-Dup

Lab ID#: 1305031B-16A

Nitrogen	1.9	78
Carbon Dioxide	0.038	0.28
Helium	0.19	0.053 J

Client Sample ID: VMP-41-30-043013

Lab ID#: 1305031B-17A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	21
Nitrogen	1.4	78
Carbon Dioxide	0.028	0.49

Client Sample ID: VMP-43-20-043013

Lab ID#: 1305031B-18A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.39	19
Nitrogen	1.9	79
Methane	0.00039	0.0011
Carbon Dioxide	0.039	1.6

Client Sample ID: VMP-43-30-043013

Lab ID#: 1305031B-19A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	18
Nitrogen	1.5	79
Methane	0.00030	0.00060
Carbon Dioxide	0.030	2.9

Client Sample ID: VMP-45-10-042913

Lab ID#: 1305031B-20A

Compound	Rpt. Limit (%)	Amount (%)

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-45-10-042913

Lab ID#: 1305031B-20A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	22
Nitrogen	1.4	78
Carbon Dioxide	0.029	0.22
Helium	0.14	0.036 J

Client Sample ID: VMP-45-20-042913

Lab ID#: 1305031B-21A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	20
Nitrogen	1.5	79
Methane	0.00030	0.00031
Carbon Dioxide	0.030	0.98
Helium	0.15	0.066 J

Client Sample ID: VMP-45-20-042913-Dup

Lab ID#: 1305031B-22A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	20
Nitrogen	1.5	79
Methane	0.00030	0.00031
Carbon Dioxide	0.030	0.95
Helium	0.15	0.077 J

Client Sample ID: VMP-45-30-042913

Lab ID#: 1305031B-23A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	20
Nitrogen	1.5	78
Methane	0.00029	0.00012 J

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-45-30-042913

Lab ID#: 1305031B-23A

Carbon Dioxide	0.029	1.7

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Client Sample ID: VMP-5-5-042913

Lab ID#: 1305031B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050821**	**Date of Collection:**	**4/29/13 9:45:00 AM**
Dil. Factor:	**2.81**	**Date of Analysis:**	**5/8/13 05:02 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	21
Nitrogen	1.4	79
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	Not Detected
Carbon Dioxide	0.028	0.10
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	0.094 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-5-12.5-042913

Lab ID#: I305031B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050822**	**Date of Collection:**	**4/29/13 10:37:00 AM**
Dil. Factor:	**2.93**	**Date of Analysis:**	**5/8/13 05:25 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	21
Nitrogen	0.29	78
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	Not Detected
Carbon Dioxide	0.029	0.14
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.15	0.27

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-5-31-042913

Lab ID#: 1305031B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050823**	**Date of Collection:**	**4/29/13 12:00:00 PM**
Dil. Factor:	**2.88**	**Date of Analysis:**	**5/8/13 05:49 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	19
Nitrogen	1.4	79
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	0.00016 J
Carbon Dioxide	0.029	1.8
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.14	0.034 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-5-40-042913

Lab ID#: 1305031B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050817**	**Date of Collection:**	**4/29/13 12:56:00 PM**
Dil. Factor:	**3.82**	**Date of Analysis:**	**5/8/13 03:22 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.38	20
Nitrogen	1.9	78
Carbon Monoxide	0.038	Not Detected
Methane	0.00038	0.00065
Carbon Dioxide	0.038	2.4
Ethane	0.0038	Not Detected
Ethene	0.0038	Not Detected
Helium	0.19	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-6-31.5-042913

Lab ID#: 1305031B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050824**	**Date of Collection:**	**4/29/13 4:05:00 PM**
Dil. Factor:	**3.03**	**Date of Analysis:**	**5/8/13 06:34 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	15
Nitrogen	1.5	79
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	0.00045
Carbon Dioxide	0.030	6.1
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-8-5-042513

Lab ID#: 1305031B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050825**	**Date of Collection:**	**4/25/13 2:13:00 PM**
Dil. Factor:	**2.90**	**Date of Analysis:**	**5/8/13 06:57 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	22
Nitrogen	1.4	78
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	0.00030
Carbon Dioxide	0.029	0.12
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-8-9.5-042513

Lab ID#: 1305031B-07A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050826**	**Date of Collection:**	**4/25/13 3:16:00 PM**
Dil. Factor:	**2.68**	**Date of Analysis:**	**5/8/13 07:19 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	19
Nitrogen	1.3	79
Carbon Monoxide	0.027	Not Detected
Methane	0.00027	0.00010 J
Carbon Dioxide	0.027	2.2
Ethane	0.0027	Not Detected
Ethene	0.0027	Not Detected
Helium	0.13	0.025 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-11-5-043013

Lab ID#: 1305031B-08A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050808**	**Date of Collection:**	**4/30/13 9:27:00 AM**
Dil. Factor:	**3.01**	**Date of Analysis:**	**5/8/13 10:19 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	21
Nitrogen	1.5	78
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	0.00011 J
Carbon Dioxide	0.030	0.45
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	0.20

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-11-29-043013

Lab ID#: 1305031B-09A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050827**	**Date of Collection:**	**4/30/13 11:07:00 AM**
Dil. Factor:	**2.85**	**Date of Analysis:**	**5/8/13 07:42 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	20
Nitrogen	1.4	79
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	Not Detected
Carbon Dioxide	0.028	1.4
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-11-38-043013

Lab ID#: 1305031B-10A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050809**	**Date of Collection: 4/30/13 12:10:00 PM**	
Dil. Factor:	**3.00**	**Date of Analysis: 5/8/13 10:48 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	18
Nitrogen	1.5	77
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	0.00017 J
Carbon Dioxide	0.030	4.7
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-24-10-042513

Lab ID#: 1305031B-11A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10050828	Date of Collection:	4/25/13 10:35:00 AM
Dil. Factor:	2.65	Date of Analysis:	5/8/13 08:05 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.26	20
Nitrogen	1.3	78
Carbon Monoxide	0.026	Not Detected
Methane	0.00026	0.000086 J
Carbon Dioxide	0.026	2.4
Ethane	0.0026	Not Detected
Ethene	0.0026	Not Detected
Helium	0.13	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-24-22-042513

Lab ID#: 1305031B-12A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050818**	**Date of Collection: 4/25/13 11:20:00 AM**	
Dil. Factor:	**3.62**	**Date of Analysis: 5/8/13 03:46 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.36	18
Nitrogen	1.8	77
Carbon Monoxide	0.036	Not Detected
Methane	0.00036	Not Detected
Carbon Dioxide	0.036	5.2
Ethane	0.0036	Not Detected
Ethene	0.0036	Not Detected
Helium	0.18	0.021 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-24-22-042513-Dup

Lab ID#: 1305031B-13A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050811**	**Date of Collection:**	**4/25/13 11:20:00 AM**
Dil. Factor:	**2.96**	**Date of Analysis:**	**5/8/13 11:46 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	18
Nitrogen	1.5	77
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	Not Detected
Carbon Dioxide	0.030	5.2
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	0.024 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-41-10-043013

Lab ID#: 1305031B-14A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050812**	**Date of Collection: 4/30/13 9:32:00 AM**	
Dil. Factor:	**2.73**	**Date of Analysis: 5/8/13 12:13 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	21
Nitrogen	1.4	79
Carbon Monoxide	0.027	Not Detected
Methane	0.00027	Not Detected
Carbon Dioxide	0.027	0.30
Ethane	0.0027	Not Detected
Ethene	0.0027	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-41-20-043013

Lab ID#: 1305031B-15A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050913**	**Date of Collection:**	**4/30/13 10:34:00 AM**
Dil. Factor:	**3.62**	**Date of Analysis:**	**5/9/13 12:28 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.36	25
Nitrogen	1.8	75
Carbon Monoxide	0.036	Not Detected
Methane	0.00036	Not Detected
Carbon Dioxide	0.036	0.28
Ethane	0.0036	Not Detected
Ethene	0.0036	Not Detected
Helium	0.18	0.036 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-41-20-043013-Dup

Lab ID#: 1305031B-16A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050819**	**Date of Collection:**	**4/30/13 10:34:00 AM**
Dil. Factor:	**3.79**	**Date of Analysis:**	**5/8/13 04:11 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.38	22
Nitrogen	1.9	78
Carbon Monoxide	0.038	Not Detected
Methane	0.00038	Not Detected
Carbon Dioxide	0.038	0.28
Ethane	0.0038	Not Detected
Ethene	0.0038	Not Detected
Helium	0.19	0.053 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-41-30-043013

Lab ID#: 1305031B-17A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050813**	**Date of Collection:**	**4/30/13 11:26:00 AM**
Dil. Factor:	**2.84**	**Date of Analysis:**	**5/8/13 12:38 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	21
Nitrogen	1.4	78
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	Not Detected
Carbon Dioxide	0.028	0.49
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-43-20-043013

Lab ID#: 1305031B-18A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050820**	**Date of Collection:**	**4/30/13 10:44:00 AM**
Dil. Factor:	**3.86**	**Date of Analysis:**	**5/8/13 04:39 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.39	19
Nitrogen	1.9	79
Carbon Monoxide	0.039	Not Detected
Methane	0.00039	0.0011
Carbon Dioxide	0.039	1.6
Ethane	0.0039	Not Detected
Ethene	0.0039	Not Detected
Helium	0.19	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-43-30-043013

Lab ID#: 1305031B-19A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050816**	**Date of Collection:**	**4/30/13 11:51:00 AM**
Dil. Factor:	**3.05**	**Date of Analysis:**	**5/8/13 02:34 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	18
Nitrogen	1.5	79
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	0.00060
Carbon Dioxide	0.030	2.9
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-45-I0-042913

Lab ID#: 1305031B-20A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050815**	**Date of Collection:**	**4/29/13 10:18:00 AM**
Dil. Factor:	**2.89**	**Date of Analysis:**	**5/8/13 02:03 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	22
Nitrogen	1.4	78
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	Not Detected
Carbon Dioxide	0.029	0.22
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.14	0.036 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-45-20-042913

Lab ID#: 1305031B-21A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050905**	**Date of Collection:**	**4/29/13 11:24:00 AM**
Dil. Factor:	**3.05**	**Date of Analysis:**	**5/9/13 08:27 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	20
Nitrogen	1.5	79
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	0.00031
Carbon Dioxide	0.030	0.98
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	0.066 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-45-20-042913-Dup

Lab ID#: 1305031B-22A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050906**	**Date of Collection:**	**4/29/13 11:24:00 AM**
Dil. Factor:	**2.98**	**Date of Analysis:**	**5/9/13 08:54 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	20
Nitrogen	1.5	79
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	0.00031
Carbon Dioxide	0.030	0.95
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	0.077 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-45-30-042913

Lab ID#: 1305031B-23A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050907**	**Date of Collection:**	**4/29/13 12:25:00 PM**
Dil. Factor:	**2.94**	**Date of Analysis:**	**5/9/13 09:17 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	20
Nitrogen	1.5	78
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	0.00012 J
Carbon Dioxide	0.029	1.7
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.15	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1305031B-24A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050807**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/8/13 09:53 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	0.0093 J
Nitrogen	0.50	0.044 J
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected
Ethane	0.0010	Not Detected
Ethene	0.0010	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1305031B-24B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050803c**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/7/13 09:38 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.050	0.011 J

J = Estimated value.

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1305031B-24C

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050904a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/9/13 07:52 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	0.011 J
Nitrogen	0.10	0.067 J
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected
Ethane	0.0010	Not Detected
Ethene	0.0010	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1305031B-24D

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050903ca**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/9/13 07:20 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.050	0.011 J

J = Estimated value.

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCS

Lab ID#: 1305031B-25A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050802**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/7/13 09:09 PM**

Compound	%Recovery
Oxygen	101
Nitrogen	100
Carbon Monoxide	99
Methane	99
Carbon Dioxide	101
Ethane	98
Ethene	98
Helium	98

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCSD

Lab ID#: 1305031B-25AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050829**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/8/13 08:28 PM**

Compound	%Recovery
Oxygen	101
Nitrogen	101
Carbon Monoxide	92
Methane	99
Carbon Dioxide	101
Ethane	98
Ethene	98
Helium	103

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCS

Lab ID#: 1305031B-25B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050902**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/9/13 06:52 AM**

Compound	%Recovery
Oxygen	102
Nitrogen	101
Carbon Monoxide	100
Methane	100
Carbon Dioxide	101
Ethane	99
Ethene	99
Helium	100

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCSD

Lab ID#: 1305031B-25BB

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10050929**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/9/13 09:13 PM**

Compound	%Recovery
Oxygen	103
Nitrogen	101
Carbon Monoxide	100
Methane	100
Carbon Dioxide	101
Ethane	99
Ethene	99
Helium	99

Container Type: NA - Not Applicable

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian

INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0 ☐ CHECK IF NO INCIDENT # APPLIES

PO #:

SAP #: 3 4 0 0 6 1

DATE: 04/30/13

PAGE: 1 of 3

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA

State: IL

GLOBAL ID NO.:

ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300, ST LOUIS, MO 63110

EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis

PHONE NO.: 314-743-4179

E-MAIL: Elizabeth_Kunkel@URSCorp.com

CONSULTANT PROJECT NAME: Roxana Soil Vapor

Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road Suite B, Folsom, CA 95630-4719

C. Williams, M. Manske, B. Lehan, E. Arthur, L. Rathnow, S. Fisher

TELEPHONE: 314-429-0100

FAX: 314-429-0462

Bill To Contact E-MAIL: Robert.Mooshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

Turn Around Time: ☑ Normal ☐ Rush ☐ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N2 He

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
01	VMP-5-5-042913	04/29/13	0915-0945	12368	-29	-9			X	X	
02	VMP-5-12.5-042913	04/29/13	1007-1037	33718	-28.5	-9			X	X	
03	VMP-5-31-042913	04/29/13	1125-1200	3019	-29	-8.5			X	X	
04	VMP-5-40-042913	04/29/13	1222-1256	37784	-29	-8.5			X	X	
05	VMP-6-31.5-042913	04/29/13	1535-1605	36536	-30	-9			X	X	
06	VMP-8-5-042513	04/25/13	1343-1413	37741	-30	-10.5			X	X	
07	VMP-8-9.5-042513	04/25/13	1446-1516	15763	-30	-10			X	X	
08	VMP-11-5-043013	04/30/13	0855-0927	34647	-29.5	-9.5			X	X	
09	VMP-11-29-043013	04/30/13	1033-1107	33721	-28.5	-8.5			X	X	
10	VMP-11-38-043013	04/30/13	1139-1210	37315	-30	-9.5			X	X	

ADDITIONAL NOTES:

- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

FedEx
Custody Seal Intact?
Y N None Temp NA

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	FEDEX	4/30/13	1800
	Katie Decker MTL	05/01/13	0950

05/2/09 Revision

130503!

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mcoshegian

INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0 ☐ CHECK IF NO INCIDENT # APPLIES

DATE: 04/30/13

PO #:

SAP #: 3 4 0 0 6 1

PAGE: 2 of 3

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA

State: IL

GLOBAL ID NO.:

ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300, ST LOUIS, MO 63110

PROJ. MGR. (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis

PHONE NO.: 314-743-4179

E-MAIL: Elizabeth_Kunkel@URSCorp.com

CONSULTANT PROJECT NAME: Roxana Soil Vapor

LABORATORY NAME: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719

C. Williams, M. Mansker, B. Lehan, E. Arthur, L. Rathnow, S Fisher

TELEPHONE NO.: 314-429-0100

FAX NO.: 314-429-0462

REPORT E-MAIL: Robert.Mcoshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY):

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Conister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Hollum	ASTM D-1946
1A	VMP-24-10-042513	04/25/13	1003-1035	34133	-30	-9.5			X	X	
2A	VMP-24-22-042513	04/25/13	1050-1120	37742	-30	-10			X	X	
3A	VMP-24-22-042513-Dup	04/25/13	1050-1120	36419	-30	-11.5			X	X	
4A	VMP-41-10-043013	04/30/13	0900-0932	35553	-29	-7			X	X	
5A	VMP-41-20-043013	04/30/13	1002-1034	15749	-29	-6			X	X	
6A	VMP-41-20-043013-Dup	04/30/13	1002-1034	15725	-29.5	-7			X	X	
7A	VMP-41-30-043013	04/30/13	1055-1126	34177	-26.5	-8			X	X	
8A	VMP-43-20-043013	04/30/13	1014-1044	36391	-26.5	-10			X	X	
9A	VMP-43-30-043013	04/30/13	1117-1151	37778	-29	-10			X	X	
							Void	4/3-4/13			

Turn Around Time: ☑ Normal ☐ Rush ____ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N2 He

ADDITIONAL NOTES:

- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

FedEx
Custody Seal Intact?
(Y) N None Temp NA

AA 5/1/13

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	FEDEX	4/30/13	1800
Relinquished by: (Signature)	Received by: (Signature) Katie Decker ATL	05/01/13	0950
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

05/2008 Revision

130563

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CH ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian

INCIDENT # (ENV SERVICES): 9 7 2 1 8 6 4 0 ☐ CHECK IF NO INCIDENT # APPLIES

DATE: 04/30/13

PO #:

SAP #: 3 4 0 0 8 1

PAGE: 3 of 3

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA

State: IL

GLOBAL ID NO.:

ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST. LOUIS, MO 63110

COC DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis

PHONE NO: 314-743-4179

E-MAIL: Elizabeth_Kunkel@URSCorp.com

CONSULTANT PROJECT NAME: Roxana Soil Vapor

Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719

TELEPHONE: 314-429-0100

FAX: 314-429-0402

BILL To Contact E-MAIL: Robert.Mooshegian@urs.com

C. Williams, M. Mansker, B. Lenan, E. Arthur, L. Rathnow, S. Fisher

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

☐ LA - RWQCB REPORT FORMAT ☑ EDF AGENCY

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

Turn Around Time:
☑ Normal
☐ Rush
Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab Use Only	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
23[illegible]	VMP-45-10-042913	04/29/13	0947-1018	12383	-29	-10			X	X	
23[illegible]	VMP-45-20-042913	04/29/13	1052-1124	35604	-30	-10			X	X	
23[illegible]	VMP-45-20-042913-Dup	04/29/13	1052-1124	36489	-30	-10			X	X	
23[illegible]	VMP-45-30-042913	04/29/13	1152-1225	37696	-30	-9			X	X	

4/30/13

ADDITIONAL NOTES:

- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

Custody Seal Intact?
N None Temp NA

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	FEDEX	4/30/13	1800
Relinquished by: (Signature)	Received by: (Signature) Kathie Decker BTL	05/01/13	0950
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

05/27/6 Revision

1305031

Roxana Soil Vapor Quarterly – 2nd Quarter 2013 Data Review

Laboratory SDG: 1305032A,B

Data Reviewer: Melissa Mansker

Peer Reviewer: Elizabeth Kunkel

Date Reviewed: 6/14/2013

Guidance: USEPA National Functional Guidelines for Superfund Organic Methods Data Review 2008

Sample Identification	Sample Identification
VMP-44-10-042913	VMP-44-20-042913
VMP-55-20-050113	

1.0 Data Package Completeness

Were all items delivered as specified in the QAPP and COC as appropriate?

Yes

2.0 Laboratory Case Narrative \ Cooler Receipt Form

Were problems noted in the laboratory case narrative or cooler receipt form?

Yes, the laboratory case narrative indicated sample VMP-55-20-050113 were diluted and re-analyzed to bring the highest level target analytes within the calibration range of the instrument. Results for the highest level target analytes were reported from the re-analysis diluted runs and the remaining compounds were reported from the original analyses. Samples were diluted due to high levels of target analytes. Although not indicated in the laboratory case narrative, analytes were detected in the natural gas method blank. The TO-15 LCSD recovery for 2-hexanone was outside evaluation criteria. These issues are addressed further in the appropriate sections below.

No issues or discrepancies were noted in the cooler receipt form.

3.0 Holding Times

Were samples extracted/analyzed within applicable limits?

Yes

4.0 Blank Contamination

Were any analytes detected in the Blanks?

Yes

Blank ID	Parameter	Analyte	Concentration/ Amount
1305032B-04A	Natural gases	Oxygen	0.017%
1305032B-04A	Natural gases	Nitrogen	0.081%
1305032B-04B	Natural gases	Helium	0.011%

Analytical data that were reported non-detect or at concentrations greater than five times (5X) the associated blank concentration did not require qualification. No qualification of

data was required.

5.0 Laboratory Control Sample

Were LCS recoveries within evaluation criteria?

No

LCS/LCSD ID	Parameter	Analyte	LCS/LCSD Recovery	LCS/ LCSD RPD	LCS/LCSD /RPD Criteria
1305032A-06A/AA	TO-15	2-Hexanone	129/**131**	2	70-130/25

Analytical data reported as non-detect and associated with LCS recoveries above evaluation criteria, indicating a possible high bias, did not require qualification. No qualification of data was required.

6.0 Surrogate Recoveries

Were surrogate recoveries within evaluation criteria?

Yes

7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

Were MS/MSD samples analyzed as part of this SDG?

MS/MSD samples are not applicable for vapor samples, due to the inability to spike the samples.

8.0 Laboratory Duplicate Results

Were laboratory duplicate samples collected as part of this SDG?

No

9.0 Field Duplicate Results

Were field duplicate samples collected as part of this SDG?

No

10.0 Sample Dilutions

For samples that were diluted and nondetect, were undiluted results also reported?

Not applicable; analytes were detected in samples that were diluted.

11.0 Additional Qualifications

Were additional qualifications applied?

No

eurofins | Air Toxics

5/15/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305032A

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/2/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

Reviewed on 6/14/2013

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WORK ORDER #: 1305032A

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/02/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/15/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-44-10-042913	Modified TO-15	10.8 "Hg	15.1 psi
02A	VMP-44-20-042913	Modified TO-15	9.2 "Hg	14.4 psi
03A	VMP-55-20-050113	Modified TO-15	9 "Hg	15.1 psi
03B	VMP-55-20-050113	Modified TO-15	9 "Hg	15.1 psi
04A	Lab Blank	Modified TO-15	NA	NA
05A	CCV	Modified TO-15	NA	NA
06A	LCS	Modified TO-15	NA	NA
06AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 05/15/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291, TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
EPA Method TO-15
URS Corporation
Workorder# 1305032A

Three 1 Liter Summa Canister samples were received on May 02, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Dilution was performed on all of the samples due to the presence of high level target species.

Due to high-level target compounds, sample VMP-55-20-050113 was analyzed twice. In the "A" fraction, the sample was diluted to bring the highest-level compounds within the calibration range. The "B" fraction is also reported by client request and may be reported with "E" flags indicating the compound exceeds the calibration range. Both runs and associated QC are reported.

As per client project requirements, the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified (0.2 ppbv for compounds reported at 0.5 ppbv and 0.8 ppbv for compounds reported at 2.0 ppbv) may be false positives.

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-44-10-042913

Lab ID#: 1305032A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Hexane	100	86 J	370	300 J
Cyclohexane	100	160	360	550
2,2,4-Trimethylpentane	100	39000	490	180000
Benzene	100	29 J	340	94 J
Heptane	100	51 J	430	210 J

Client Sample ID: VMP-44-20-042913

Lab ID#: 1305032A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	480	78 J	1100	180 J
Hexane	48	40 J	170	140 J
Cyclohexane	48	310	160	1100
2,2,4-Trimethylpentane	48	14000	220	67000
Benzene	48	20 J	150	64 J
Isopentane	190	1300	560	3800

Client Sample ID: VMP-55-20-050113 * Use these results only. All other data was reported from the 11600X dilution analysis

Lab ID#: 1305032A-03A

DF = 28900

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Hexane	14000	22000	51000	76000
Cyclohexane	14000	92000	50000	320000
2,2,4-Trimethylpentane	14000	170000	68000	780000
Butane	58000	2000000	140000	4700000
* Isopentane	58000	3700000	170000	11000000

Client Sample ID: VMP-55-20-050113 * Do not use this data. Use all other data

Lab ID#: 1305032A-03B

DF = 11600

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Hexane	5800	17000	20000	61000

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-55-20-050113

Lab ID#: 1305032A-03B

Cyclohexane	5800	90000	20000	310000
2,2,4-Trimethylpentane	5800	150000	27000	700000
Butane	23000	1800000	55000	4400000
~~Isopentane~~	~~23000~~	~~3400000 E~~	~~68000~~	~~9900000 E~~

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Client Sample ID: VMP-44-10-042913

Lab ID#: 1305032A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050607**	**Date of Collection: 4/29/13 2:49:00 PM**	
Dil. Factor:	**211**	**Date of Analysis: 5/6/13 01:11 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	100	Not Detected	520	Not Detected
Freon 114	100	Not Detected	740	Not Detected
Chloromethane	1000	Not Detected	2200	Not Detected
Vinyl Chloride	100	Not Detected	270	Not Detected
1,3-Butadiene	100	Not Detected	230	Not Detected
Bromomethane	1000	Not Detected	4100	Not Detected
Chloroethane	420	Not Detected	1100	Not Detected
Freon 11	100	Not Detected	590	Not Detected
Ethanol	420	Not Detected	800	Not Detected
Freon 113	100	Not Detected	810	Not Detected
1,1-Dichloroethene	100	Not Detected	420	Not Detected
Acetone	1000	Not Detected	2500	Not Detected
2-Propanol	420	Not Detected	1000	Not Detected
Carbon Disulfide	420	Not Detected	1300	Not Detected
3-Chloropropene	420	Not Detected	1300	Not Detected
Methylene Chloride	1000	Not Detected	3700	Not Detected
Methyl tert-butyl ether	100	Not Detected	380	Not Detected
trans-1,2-Dichloroethene	100	Not Detected	420	Not Detected
Hexane	100	86 J	370	300 J
1,1-Dichloroethane	100	Not Detected	430	Not Detected
2-Butanone (Methyl Ethyl Ketone)	420	Not Detected	1200	Not Detected
cis-1,2-Dichloroethene	100	Not Detected	420	Not Detected
Tetrahydrofuran	100	Not Detected	310	Not Detected
Chloroform	100	Not Detected	520	Not Detected
1,1,1-Trichloroethane	100	Not Detected	580	Not Detected
Cyclohexane	100	160	360	550
Carbon Tetrachloride	100	Not Detected	660	Not Detected
2,2,4-Trimethylpentane	100	39000	490	180000
Benzene	100	29 J	340	94 J
1,2-Dichloroethane	100	Not Detected	430	Not Detected
Heptane	100	51 J	430	210 J
Trichloroethene	100	Not Detected	570	Not Detected
1,2-Dichloropropane	100	Not Detected	490	Not Detected
1,4-Dioxane	420	Not Detected	1500	Not Detected
Bromodichloromethane	100	Not Detected	710	Not Detected
cis-1,3-Dichloropropene	100	Not Detected	480	Not Detected
4-Methyl-2-pentanone	100	Not Detected	430	Not Detected
Toluene	100	Not Detected	400	Not Detected
trans-1,3-Dichloropropene	100	Not Detected	480	Not Detected
1,1,2-Trichloroethane	100	Not Detected	580	Not Detected
Tetrachloroethene	100	Not Detected	720	Not Detected
2-Hexanone	420	Not Detected	1700	Not Detected

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Client Sample ID: VMP-44-10-042913

Lab ID#: 1305032A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050607**	**Date of Collection: 4/29/13 2:49:00 PM**	
Dil. Factor:	**211**	**Date of Analysis: 5/6/13 01:11 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	100	Not Detected	900	Not Detected
1,2-Dibromoethane (EDB)	100	Not Detected	810	Not Detected
Chlorobenzene	100	Not Detected	480	Not Detected
Ethyl Benzene	100	Not Detected	460	Not Detected
m,p-Xylene	100	Not Detected	460	Not Detected
o-Xylene	100	Not Detected	460	Not Detected
Styrene	100	Not Detected	450	Not Detected
Bromoform	100	Not Detected	1100	Not Detected
Cumene	100	Not Detected	520	Not Detected
1,1,2,2-Tetrachloroethane	100	Not Detected	720	Not Detected
Propylbenzene	100	Not Detected	520	Not Detected
4-Ethyltoluene	100	Not Detected	520	Not Detected
1,3,5-Trimethylbenzene	100	Not Detected	520	Not Detected
1,2,4-Trimethylbenzene	100	Not Detected	520	Not Detected
1,3-Dichlorobenzene	100	Not Detected	630	Not Detected
1,4-Dichlorobenzene	100	Not Detected	630	Not Detected
alpha-Chlorotoluene	100	Not Detected	550	Not Detected
1,2-Dichlorobenzene	100	Not Detected	630	Not Detected
1,2,4-Trichlorobenzene	420	Not Detected	3100	Not Detected
Hexachlorobutadiene	420	Not Detected	4500	Not Detected
Butane	420	Not Detected	1000	Not Detected
Isopentane	420	Not Detected	1200	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: VMP-44-20-042913

Lab ID#: 1305032A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	2050608	Date of Collection:	4/29/13 3:48:00 PM
Dil. Factor:	95.0	Date of Analysis:	5/6/13 02:07 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	48	Not Detected	230	Not Detected
Freon 114	48	Not Detected	330	Not Detected
Chloromethane	480	Not Detected	980	Not Detected
Vinyl Chloride	48	Not Detected	120	Not Detected
1,3-Butadiene	48	Not Detected	100	Not Detected
Bromomethane	480	Not Detected	1800	Not Detected
Chloroethane	190	Not Detected	500	Not Detected
Freon 11	48	Not Detected	270	Not Detected
Ethanol	190	Not Detected	360	Not Detected
Freon 113	48	Not Detected	360	Not Detected
1,1-Dichloroethene	48	Not Detected	190	Not Detected
Acetone	480	78 J	1100	180 J
2-Propanol	190	Not Detected	470	Not Detected
Carbon Disulfide	190	Not Detected	590	Not Detected
3-Chloropropene	190	Not Detected	590	Not Detected
Methylene Chloride	480	Not Detected	1600	Not Detected
Methyl tert-butyl ether	48	Not Detected	170	Not Detected
trans-1,2-Dichloroethene	48	Not Detected	190	Not Detected
Hexane	48	40 J	170	140 J
1,1-Dichloroethane	48	Not Detected	190	Not Detected
2-Butanone (Methyl Ethyl Ketone)	190	Not Detected	560	Not Detected
cis-1,2-Dichloroethene	48	Not Detected	190	Not Detected
Tetrahydrofuran	48	Not Detected	140	Not Detected
Chloroform	48	Not Detected	230	Not Detected
1,1,1-Trichloroethane	48	Not Detected	260	Not Detected
Cyclohexane	48	310	160	1100
Carbon Tetrachloride	48	Not Detected	300	Not Detected
2,2,4-Trimethylpentane	48	14000	220	67000
Benzene	48	20 J	150	64 J
1,2-Dichloroethane	48	Not Detected	190	Not Detected
Heptane	48	Not Detected	190	Not Detected
Trichloroethene	48	Not Detected	260	Not Detected
1,2-Dichloropropane	48	Not Detected	220	Not Detected
1,4-Dioxane	190	Not Detected	680	Not Detected
Bromodichloromethane	48	Not Detected	320	Not Detected
cis-1,3-Dichloropropene	48	Not Detected	220	Not Detected
4-Methyl-2-pentanone	48	Not Detected	190	Not Detected
Toluene	48	Not Detected	180	Not Detected
trans-1,3-Dichloropropene	48	Not Detected	220	Not Detected
1,1,2-Trichloroethane	48	Not Detected	260	Not Detected
Tetrachloroethene	48	Not Detected	320	Not Detected
2-Hexanone	190	Not Detected	780	Not Detected

Client Sample ID: VMP-44-20-042913

Lab ID#: 1305032A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	2050608	**Date of Collection:**	4/29/13 3:48:00 PM
Dil. Factor:	95.0	**Date of Analysis:**	5/6/13 02:07 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	48	Not Detected	400	Not Detected
1,2-Dibromoethane (EDB)	48	Not Detected	360	Not Detected
Chlorobenzene	48	Not Detected	220	Not Detected
Ethyl Benzene	48	Not Detected	210	Not Detected
m,p-Xylene	48	Not Detected	210	Not Detected
o-Xylene	48	Not Detected	210	Not Detected
Styrene	48	Not Detected	200	Not Detected
Bromoform	48	Not Detected	490	Not Detected
Cumene	48	Not Detected	230	Not Detected
1,1,2,2-Tetrachloroethane	48	Not Detected	330	Not Detected
Propylbenzene	48	Not Detected	230	Not Detected
4-Ethyltoluene	48	Not Detected	230	Not Detected
1,3,5-Trimethylbenzene	48	Not Detected	230	Not Detected
1,2,4-Trimethylbenzene	48	Not Detected	230	Not Detected
1,3-Dichlorobenzene	48	Not Detected	280	Not Detected
1,4-Dichlorobenzene	48	Not Detected	280	Not Detected
alpha-Chlorotoluene	48	Not Detected	240	Not Detected
1,2-Dichlorobenzene	48	Not Detected	280	Not Detected
1,2,4-Trichlorobenzene	190	Not Detected	1400	Not Detected
Hexachlorobutadiene	190	Not Detected	2000	Not Detected
Butane	190	Not Detected	450	Not Detected
Isopentane	190	1300	560	3800

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VMP-55-20-050113

Lab ID#: 1305032A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050610**	**Date of Collection: 5/1/13 2:30:00 PM**	
Dil. Factor:	**28900**	**Date of Analysis: 5/6/13 03:51 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	14000	Not Detected	71000	Not Detected
Freon 114	14000	Not Detected	100000	Not Detected
Chloromethane	140000	Not Detected	300000	Not Detected
Vinyl Chloride	14000	Not Detected	37000	Not Detected
1,3-Butadiene	14000	Not Detected	32000	Not Detected
Bromomethane	140000	Not Detected	560000	Not Detected
Chloroethane	58000	Not Detected	150000	Not Detected
Freon 11	14000	Not Detected	81000	Not Detected
Ethanol	58000	Not Detected	110000	Not Detected
Freon 113	14000	Not Detected	110000	Not Detected
1,1-Dichloroethene	14000	Not Detected	57000	Not Detected
Acetone	140000	Not Detected	340000	Not Detected
2-Propanol	58000	Not Detected	140000	Not Detected
Carbon Disulfide	58000	Not Detected	180000	Not Detected
3-Chloropropene	58000	Not Detected	180000	Not Detected
Methylene Chloride	140000	Not Detected	500000	Not Detected
Methyl tert-butyl ether	14000	Not Detected	52000	Not Detected
trans-1,2-Dichloroethene	14000	Not Detected	57000	Not Detected
Hexane	14000	22000	51000	76000
1,1-Dichloroethane	14000	Not Detected	58000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	58000	Not Detected	170000	Not Detected
cis-1,2-Dichloroethene	14000	Not Detected	57000	Not Detected
Tetrahydrofuran	14000	Not Detected	43000	Not Detected
Chloroform	14000	Not Detected	70000	Not Detected
1,1,1-Trichloroethane	14000	Not Detected	79000	Not Detected
Cyclohexane	14000	92000	50000	320000
Carbon Tetrachloride	14000	Not Detected	91000	Not Detected
2,2,4-Trimethylpentane	14000	170000	68000	780000
Benzene	14000	Not Detected	46000	Not Detected
1,2-Dichloroethane	14000	Not Detected	58000	Not Detected
Heptane	14000	Not Detected	59000	Not Detected
Trichloroethene	14000	Not Detected	78000	Not Detected
1,2-Dichloropropane	14000	Not Detected	67000	Not Detected
1,4-Dioxane	58000	Not Detected	210000	Not Detected
Bromodichloromethane	14000	Not Detected	97000	Not Detected
cis-1,3-Dichloropropene	14000	Not Detected	66000	Not Detected
4-Methyl-2-pentanone	14000	Not Detected	59000	Not Detected
Toluene	14000	Not Detected	54000	Not Detected
trans-1,3-Dichloropropene	14000	Not Detected	66000	Not Detected
1,1,2-Trichloroethane	14000	Not Detected	79000	Not Detected
Tetrachloroethene	14000	Not Detected	98000	Not Detected
2-Hexanone	58000	Not Detected	240000	Not Detected

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Client Sample ID: VMP-55-20-050113

Lab ID#: 1305032A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050610**	**Date of Collection: 5/1/13 2:30:00 PM**	
Dil. Factor:	**28900**	**Date of Analysis: 5/6/13 03:51 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	14000	Not Detected	120000	Not Detected
1,2-Dibromoethane (EDB)	14000	Not Detected	110000	Not Detected
Chlorobenzene	14000	Not Detected	66000	Not Detected
Ethyl Benzene	14000	Not Detected	63000	Not Detected
m,p-Xylene	14000	Not Detected	63000	Not Detected
o-Xylene	14000	Not Detected	63000	Not Detected
Styrene	14000	Not Detected	62000	Not Detected
Bromoform	14000	Not Detected	150000	Not Detected
Cumene	14000	Not Detected	71000	Not Detected
1,1,2,2-Tetrachloroethane	14000	Not Detected	99000	Not Detected
Propylbenzene	14000	Not Detected	71000	Not Detected
4-Ethyltoluene	14000	Not Detected	71000	Not Detected
1,3,5-Trimethylbenzene	14000	Not Detected	71000	Not Detected
1,2,4-Trimethylbenzene	14000	Not Detected	71000	Not Detected
1,3-Dichlorobenzene	14000	Not Detected	87000	Not Detected
1,4-Dichlorobenzene	14000	Not Detected	87000	Not Detected
alpha-Chlorotoluene	14000	Not Detected	75000	Not Detected
1,2-Dichlorobenzene	14000	Not Detected	87000	Not Detected
1,2,4-Trichlorobenzene	58000	Not Detected	430000	Not Detected
Hexachlorobutadiene	58000	Not Detected	620000	Not Detected
Butane	58000	2000000	140000	4700000
Isopentane	58000	3700000	170000	11000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	87	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: VMP-55-20-050113

Lab ID#: 1305032A-03B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	2050609	Date of Collection:	5/1/13 2:30:00 PM
Dil. Factor:	11600	Date of Analysis:	5/6/13 02:56 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	5800	Not Detected	29000	Not Detected
Freon 114	5800	Not Detected	40000	Not Detected
Chloromethane	58000	Not Detected	120000	Not Detected
Vinyl Chloride	5800	Not Detected	15000	Not Detected
1,3-Butadiene	5800	Not Detected	13000	Not Detected
Bromomethane	58000	Not Detected	220000	Not Detected
Chloroethane	23000	Not Detected	61000	Not Detected
Freon 11	5800	Not Detected	32000	Not Detected
Ethanol	23000	Not Detected	44000	Not Detected
Freon 113	5800	Not Detected	44000	Not Detected
1,1-Dichloroethene	5800	Not Detected	23000	Not Detected
Acetone	58000	Not Detected	140000	Not Detected
2-Propanol	23000	Not Detected	57000	Not Detected
Carbon Disulfide	23000	Not Detected	72000	Not Detected
3-Chloropropene	23000	Not Detected	73000	Not Detected
Methylene Chloride	58000	Not Detected	200000	Not Detected
Methyl tert-butyl ether	5800	Not Detected	21000	Not Detected
trans-1,2-Dichloroethene	5800	Not Detected	23000	Not Detected
Hexane	5800	17000	20000	61000
1,1-Dichloroethane	5800	Not Detected	23000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	23000	Not Detected	68000	Not Detected
cis-1,2-Dichloroethene	5800	Not Detected	23000	Not Detected
Tetrahydrofuran	5800	Not Detected	17000	Not Detected
Chloroform	5800	Not Detected	28000	Not Detected
1,1,1-Trichloroethane	5800	Not Detected	32000	Not Detected
Cyclohexane	5800	90000	20000	310000
Carbon Tetrachloride	5800	Not Detected	36000	Not Detected
2,2,4-Trimethylpentane	5800	150000	27000	700000
Benzene	5800	Not Detected	18000	Not Detected
1,2-Dichloroethane	5800	Not Detected	23000	Not Detected
Heptane	5800	Not Detected	24000	Not Detected
Trichloroethene	5800	Not Detected	31000	Not Detected
1,2-Dichloropropane	5800	Not Detected	27000	Not Detected
1,4-Dioxane	23000	Not Detected	84000	Not Detected
Bromodichloromethane	5800	Not Detected	39000	Not Detected
cis-1,3-Dichloropropene	5800	Not Detected	26000	Not Detected
4-Methyl-2-pentanone	5800	Not Detected	24000	Not Detected
Toluene	5800	Not Detected	22000	Not Detected
trans-1,3-Dichloropropene	5800	Not Detected	26000	Not Detected
1,1,2-Trichloroethane	5800	Not Detected	32000	Not Detected
Tetrachloroethene	5800	Not Detected	39000	Not Detected
2-Hexanone	23000	Not Detected	95000	Not Detected

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Client Sample ID: VMP-55-20-050113

Lab ID#: 1305032A-03B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050609**	**Date of Collection: 5/1/13 2:30:00 PM**	
Dil. Factor:	**11600**	**Date of Analysis: 5/6/13 02:56 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	5800	Not Detected	49000	Not Detected
1,2-Dibromoethane (EDB)	5800	Not Detected	44000	Not Detected
Chlorobenzene	5800	Not Detected	27000	Not Detected
Ethyl Benzene	5800	Not Detected	25000	Not Detected
m,p-Xylene	5800	Not Detected	25000	Not Detected
o-Xylene	5800	Not Detected	25000	Not Detected
Styrene	5800	Not Detected	25000	Not Detected
Bromoform	5800	Not Detected	60000	Not Detected
Cumene	5800	Not Detected	28000	Not Detected
1,1,2,2-Tetrachloroethane	5800	Not Detected	40000	Not Detected
Propylbenzene	5800	Not Detected	28000	Not Detected
4-Ethyltoluene	5800	Not Detected	28000	Not Detected
1,3,5-Trimethylbenzene	5800	Not Detected	28000	Not Detected
1,2,4-Trimethylbenzene	5800	Not Detected	28000	Not Detected
1,3-Dichlorobenzene	5800	Not Detected	35000	Not Detected
1,4-Dichlorobenzene	5800	Not Detected	35000	Not Detected
alpha-Chlorotoluene	5800	Not Detected	30000	Not Detected
1,2-Dichlorobenzene	5800	Not Detected	35000	Not Detected
1,2,4-Trichlorobenzene	23000	Not Detected	170000	Not Detected
Hexachlorobutadiene	23000	Not Detected	250000	Not Detected
Butane	23000	1800000	55000	4400000
* ~~Isopentane~~	~~23000~~	~~3400000 E~~	~~68000~~	~~9900000 E~~

E = Exceeds instrument calibration range.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	87	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1305032A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050606a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/6/13 12:17 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: I305032A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050606a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/6/13 12:17 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Butane	2.0	Not Detected	4.8	Not Detected
Isopentane	2.0	Not Detected	5.9	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: CCV
Lab ID#: I305032A-05A
EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050602**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/6/13 09:30 AM**	

Compound	%Recovery
Freon 12	85
Freon 114	93
Chloromethane	91
Vinyl Chloride	99
1,3-Butadiene	104
Bromomethane	120
Chloroethane	95
Freon 11	86
Ethanol	89
Freon 113	96
1,1-Dichloroethene	104
Acetone	115
2-Propanol	99
Carbon Disulfide	89
3-Chloropropene	112
Methylene Chloride	97
Methyl tert-butyl ether	90
trans-1,2-Dichloroethene	104
Hexane	105
1,1-Dichloroethane	98
2-Butanone (Methyl Ethyl Ketone)	110
cis-1,2-Dichloroethene	100
Tetrahydrofuran	109
Chloroform	92
1,1,1-Trichloroethane	89
Cyclohexane	103
Carbon Tetrachloride	92
2,2,4-Trimethylpentane	102
Benzene	106
1,2-Dichloroethane	91
Heptane	112
Trichloroethene	102
1,2-Dichloropropane	105
1,4-Dioxane	105
Bromodichloromethane	100
cis-1,3-Dichloropropene	109
4-Methyl-2-pentanone	114
Toluene	99
trans-1,3-Dichloropropene	111
1,1,2-Trichloroethane	104
Tetrachloroethene	102
2-Hexanone	121

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Client Sample ID: CCV
Lab ID#: 1305032A-05A
EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	2050602	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/6/13 09:30 AM	

Compound	%Recovery
Dibromochloromethane	106
1,2-Dibromoethane (EDB)	107
Chlorobenzene	99
Ethyl Benzene	112
m,p-Xylene	113
o-Xylene	113
Styrene	113
Bromoform	107
Cumene	106
1,1,2,2-Tetrachloroethane	100
Propylbenzene	116
4-Ethyltoluene	115
1,3,5-Trimethylbenzene	117
1,2,4-Trimethylbenzene	128
1,3-Dichlorobenzene	108
1,4-Dichlorobenzene	106
alpha-Chlorotoluene	110
1,2-Dichlorobenzene	105
1,2,4-Trichlorobenzene	107
Hexachlorobutadiene	105
Butane	98
Isopentane	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: LCS
Lab ID#: 1305032A-06A
EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	2050603	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/6/13 10:06 AM

Compound	%Recovery
Freon 12	88
Freon 114	97
Chloromethane	96
Vinyl Chloride	103
1,3-Butadiene	109
Bromomethane	125
Chloroethane	98
Freon 11	88
Ethanol	114
Freon 113	98
1,1-Dichloroethene	112
Acetone	103
2-Propanol	109
Carbon Disulfide	111
3-Chloropropene	122
Methylene Chloride	97
Methyl tert-butyl ether	96
trans-1,2-Dichloroethene	118
Hexane	105
1,1-Dichloroethane	99
2-Butanone (Methyl Ethyl Ketone)	115
cis-1,2-Dichloroethene	103
Tetrahydrofuran	108
Chloroform	94
1,1,1-Trichloroethane	92
Cyclohexane	106
Carbon Tetrachloride	97
2,2,4-Trimethylpentane	99
Benzene	106
1,2-Dichloroethane	92
Heptane	109
Trichloroethene	104
1,2-Dichloropropane	105
1,4-Dioxane	104
Bromodichloromethane	98
cis-1,3-Dichloropropene	108
4-Methyl-2-pentanone	113
Toluene	99
trans-1,3-Dichloropropene	113
1,1,2-Trichloroethane	104
Tetrachloroethene	103
2-Hexanone	129

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Client Sample ID: LCS

Lab ID#: 1305032A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050603**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/6/13 10:06 AM**

Compound	%Recovery
Dibromochloromethane	106
1,2-Dibromoethane (EDB)	108
Chlorobenzene	99
Ethyl Benzene	109
m,p-Xylene	109
o-Xylene	109
Styrene	116
Bromoform	107
Cumene	104
1,1,2,2-Tetrachloroethane	101
Propylbenzene	112
4-Ethyltoluene	105
1,3,5-Trimethylbenzene	111
1,2,4-Trimethylbenzene	121
1,3-Dichlorobenzene	105
1,4-Dichlorobenzene	98
alpha-Chlorotoluene	105
1,2-Dichlorobenzene	101
1,2,4-Trichlorobenzene	102
Hexachlorobutadiene	100
Butane	97
Isopentane	105

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	85	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: LCSD
Lab ID#: 1305032A-06AA
EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050604**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/6/13 10:49 AM**

Compound	%Recovery
Freon 12	88
Freon 114	97
Chloromethane	94
Vinyl Chloride	103
1,3-Butadiene	110
Bromomethane	129
Chloroethane	97
Freon 11	88
Ethanol	114
Freon 113	99
1,1-Dichloroethene	110
Acetone	103
2-Propanol	108
Carbon Disulfide	110
3-Chloropropene	122
Methylene Chloride	97
Methyl tert-butyl ether	96
trans-1,2-Dichloroethene	118
Hexane	104
1,1-Dichloroethane	99
2-Butanone (Methyl Ethyl Ketone)	115
cis-1,2-Dichloroethene	103
Tetrahydrofuran	108
Chloroform	94
1,1,1-Trichloroethane	91
Cyclohexane	104
Carbon Tetrachloride	97
2,2,4-Trimethylpentane	99
Benzene	105
1,2-Dichloroethane	90
Heptane	108
Trichloroethene	103
1,2-Dichloropropane	102
1,4-Dioxane	105
Bromodichloromethane	98
cis-1,3-Dichloropropene	105
4-Methyl-2-pentanone	113
Toluene	98
trans-1,3-Dichloropropene	114
1,1,2-Trichloroethane	105
Tetrachloroethene	105
2-Hexanone	131 Q

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Client Sample ID: LCSD
Lab ID#: 1305032A-06AA
EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050604**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/6/13 10:49 AM**

Compound	%Recovery
Dibromochloromethane	106
1,2-Dibromoethane (EDB)	110
Chlorobenzene	102
Ethyl Benzene	113
m,p-Xylene	115
o-Xylene	113
Styrene	122
Bromoform	106
Cumene	110
1,1,2,2-Tetrachloroethane	102
Propylbenzene	119
4-Ethyltoluene	113
1,3,5-Trimethylbenzene	118
1,2,4-Trimethylbenzene	125
1,3-Dichlorobenzene	111
1,4-Dichlorobenzene	104
alpha-Chlorotoluene	106
1,2-Dichlorobenzene	106
1,2,4-Trichlorobenzene	107
Hexachlorobutadiene	105
Butane	98
Isopentane	105

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	103	70-130

1305032

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CN ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Moosheglan
INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 05/01/13
PO #:
SAP #: 3 4 9 0 6 1
PAGE: 1 of 1

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA
State: IL
GLOBAL ID NO.:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST. LOUIS, MO 63110
LABORATORY ACCESS: Air Toxics, LTD 180 Blue Ravine Road Suite B, Folsom, CA 95630-4719
TELEPHONE: 314-429-0100
FAX: 314-429-0462
BILL TO CONTACT E-MAIL: Robert.Moosheglan@urs.com
FOR DELIVERABLES TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO.: 314-743-4179
E-MAIL: Elizabeth_Kunkel@URSCorp.com
CONSULTANT PROJECT NAME #: Roxana Soil Vapor
C. Williams, M. Manske*, B. Lehan, E. Arthur.

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:
DELIVERABLES ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

Turn Around Time: ☑ Normal ☐ Rush
Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N2 He

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
01A	VMP-44-10-042913	04/29/13	1419-1449	12367	-29	-10			X	X	
02A	VMP-44-20-042913	04/29/13	1516-1546	6013	-28.5	-8.5			X	X	
03A	VMP-55-20-050113	05/01/13	1400-1430	12369	-30	-9.5			X	X	

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

5/1/13

		Date	Time
Relinquished by: (Signature)	Received by: (Signature) FEDEX	5/1/13	1730
Relinquished by: (Signature)	Received by: (Signature) ATL	5/2/13	1000
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

05/2/08 Revision

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5/17/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305032B

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/2/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1305032B

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/02/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/17/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-44-10-042913	Modified ASTM D-1946	10.8 "Hg	15.1 psi
02A	VMP-44-20-042913	Modified ASTM D-1946	9.2 "Hg	14.4 psi
03A	VMP-55-20-050113	Modified ASTM D-1946	9 "Hg	15.1 psi
04A	Lab Blank	Modified ASTM D-1946	NA	NA
04B	Lab Blank	Modified ASTM D-1946	NA	NA
05A	LCS	Modified ASTM D-1946	NA	NA
05AA	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 05/17/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified ASTM D-1946
URS Corporation
Workorder# 1305032B

Three 1 Liter Summa Canister samples were received on May 02, 2013. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane and fixed gases in air using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Since Nitrogen is used to pressurize samples, the reported Nitrogen values are calculated by adding all the sample components and subtracting from 100%.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*ASTM D-1946*	*ATL Modifications*
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

The reporting limit for Nitrogen was raised from 0.10% to 0.50%.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-44-10-042913

Lab ID#: 1305032B-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	15
Nitrogen	1.6	81
Methane	0.00032	0.0026
Carbon Dioxide	0.032	4.3

Client Sample ID: VMP-44-20-042913

Lab ID#: 1305032B-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	12
Nitrogen	1.4	82
Methane	0.00028	0.0021
Carbon Dioxide	0.028	6.3

Client Sample ID: VMP-55-20-050113

Lab ID#: 1305032B-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	1.6
Nitrogen	1.4	58
Methane	0.00029	20
Carbon Dioxide	0.029	19
Ethane	0.0029	0.012

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Client Sample ID: VMP-44-10-042913

Lab ID#: 1305032B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051212**	**Date of Collection:**	**4/29/13 2:49:00 PM**
Dil. Factor:	**3.17**	**Date of Analysis:**	**5/12/13 11:56 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	15
Nitrogen	1.6	81
Carbon Monoxide	0.032	Not Detected
Methane	0.00032	0.0026
Carbon Dioxide	0.032	4.3
Ethane	0.0032	Not Detected
Ethene	0.0032	Not Detected
Helium	0.16	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-44-20-042913

Lab ID#: I305032B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10051213	Date of Collection:	4/29/13 3:48:00 PM
Dil. Factor:	2.85	Date of Analysis:	5/12/13 12:21 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	12
Nitrogen	1.4	82
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	0.0021
Carbon Dioxide	0.028	6.3
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-55-20-050113

Lab ID#: 1305032B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051214**	**Date of Collection: 5/1/13 2:30:00 PM**	
Dil. Factor:	**2.89**	**Date of Analysis: 5/12/13 12:59 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	1.6
Nitrogen	1.4	58
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	20
Carbon Dioxide	0.029	19
Ethane	0.0029	0.012
Ethene	0.0029	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: Lab Blank

Lab ID#: 1305032B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051204a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/12/13 08:30 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	0.017 J
Nitrogen	0.10	0.081 J
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected
Ethane	0.0010	Not Detected
Ethene	0.0010	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

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Client Sample ID: Lab Blank

Lab ID#: 1305032B-04B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051203ca**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/12/13 08:06 AM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Helium	0.050	0.011 J

J = Estimated value.

Container Type: NA - Not Applicable

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Client Sample ID: LCS

Lab ID#: 1305032B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/12/13 07:42 AM**	

Compound	%Recovery
Oxygen	106
Nitrogen	100
Carbon Monoxide	99
Methane	99
Carbon Dioxide	101
Ethane	98
Ethene	99
Helium	100

Container Type: NA - Not Applicable

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Client Sample ID: LCSD

Lab ID#: 1305032B-05AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10051222	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/12/13 04:06 PM	

Compound	%Recovery
Oxygen	103
Nitrogen	100
Carbon Monoxide	100
Methane	99
Carbon Dioxide	101
Ethane	98
Ethene	98
Helium	99

Container Type: NA - Not Applicable

1305032

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CN ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian
PO #:
INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0
SAP #: 3 4 0 0 6 1
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 05/01/13
PAGE: 1 of 1

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA
State: IL
GLOBAL ID NO.:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST LOUIS, MO 63110
PROJ DELIVERABLE TO Name, Company, Office Location: Elizabeth Kunkel, URS, St. Louis
PHONE NO: 314-743-4179
E-MAIL: Elizabeth_Kunkel@URSCorp.com
CONSULTANT PROJECT NAME#: Roxana Soil Vapor
Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road Suite B, Folsom, CA 95630-4719
C. Williams, M. Mansker, B. Lehan, E. Arthur,
TELEPHONE: 314-429-0100
FAX: 314-429-0462
Bill To Contact E-MAIL: Robert.Mooshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
04A	VMP-44-10-042913	04/29/13	1419-1449	12367	-29	-10			X	X	
05A	VMP-44-20-042913	04/29/13	1516-1548	8013	-28.5	-8.5			X	X	
06A	VMP-55-20-050113	05/01/13	1400-1430	12369	-30	-9.5			X	X	

5/1/13

Turn Around Time: ☑ Normal ☐ Rush Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N2 He

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

		Date	Time
Relinquished by: (Signature)	Received by: (Signature) FEDEX	5/1/13	1730
Relinquished by: (Signature)	Received by: (Signature) BWhittaker ATL	5/2/13	1000
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

09/2/09 Revision

Roxana Soil Vapor Quarterly – 2nd Quarter 2013 Data Review

Laboratory SDG: 1305065A,B

Data Reviewer: Melissa Mansker

Peer Reviewer: Elizabeth Kunkel

Date Reviewed: 6/17/2013

Guidance: USEPA National Functional Guidelines for Superfund Organic Methods Data Review 2008

Sample Identification	Sample Identification
VMP-9-5-050113	VMP-9-11.5-050113
VMP-9-25.5-050113	VMP-9-25.5-050113-Dup
VMP-9-38.5-050113	VMP-10-5-043013
VMP-10-10-043013	VMP-10-20-043013
VMP-10-30-043013	VMP-17-5-050113
VMP-13-5-050113	VMP-10.5-050113
VMP-13-21.5-050113	VMP-13-29.5-050113
VMP-18-8.5-050113	VMP-19-5-043013
VMP-42-10-043013	VMP-42-20-043013
VMP-42-30-043013	VMP-44-30-043013

1.0 Data Package Completeness

Were all items delivered as specified in the QAPP and COC as appropriate?

Yes

2.0 Laboratory Case Narrative \ Cooler Receipt Form

Were problems noted in the laboratory case narrative or cooler receipt form?

Yes, the laboratory case narrative indicated samples MP-13-29.5-050113 and VMP-44-30-043013 were diluted due to high levels of target analytes. Although not indicated in the laboratory case narrative, analytes were detected in the method blank. These issues are addressed further in the appropriate sections below.

No issues or discrepancies were noted in the cooler receipt form.

3.0 Holding Times

Were samples extracted/analyzed within applicable limits?

Yes

4.0 Blank Contamination

Were any analytes detected in the Blanks?

Yes

Blank ID	Parameter	Analyte	Concentration/ Amount
1305065A-21A	TO-15	Bromomethane	0.25 ppbv / 0.99 µg/m^3
1305065A-21A	TO-15	Carbon disulfide	0.56 ppbv / 1.7 µg/m^3

Blank ID	Parameter	Analyte	Concentration/ Amount
1305065A-21A	TO-15	Methylene chloride	0.38 ppbv / 1.3 µg/m^3
1305065A-21A	TO-15	trans-1,2-Dichloroethene	0.13 ppbv / 0.50 µg/m^3
1305065A-21A	TO-15	Hexane	0.11 ppbv / 0.39 µg/m^3
1305065A-21A	TO-15	cis-1,3-Dichloropropene	0.083 ppbv / 0.38 µg/m^3
1305065A-21A	TO-15	Toluene	0.076 ppbv / 0.28 µg/m^3
1305065A-21A	TO-15	trans-1,3-Dichloropropene	0.18 ppbv / 0.80 µg/m^3
1305065A-21A	TO-15	Tetrachloroethene	0.073 ppbv / 0.50 µg/m^3
1305065A-21A	TO-15	1,2-Dibromoethane (EDB)	0.19 ppbv / 1.5 µg/m^3
1305065A-21A	TO-15	Chlorobenzene	0.12 ppbv / 0.54 µg/m^3
1305065A-21A	TO-15	Styrene	0.095 ppbv / 0.40 µg/m^3
1305065A-21A	TO-15	Cumene	0.10 ppbv / 0.51 µg/m^3
1305065A-21A	TO-15	1,1,2,2-Tetrachloroethane	0.073 ppbv / 0.50 µg/m^3
1305065A-21A	TO-15	Propylbenzene	0.12 ppbv / 0.60 µg/m^3
1305065A-21A	TO-15	4-Ethyltoluene	0.13 ppbv / 0.64 µg/m^3
1305065A-21A	TO-15	1,3,5-Trimethylbenzene	0.14 ppbv / 0.69 µg/m^3
1305065A-21A	TO-15	1,2,4-Trimethylbenzene	0.15 ppbv / 0.74 µg/m^3
1305065A-21A	TO-15	1,3-Dichlorobenzene	0.29 ppbv / 1.7 µg/m^3
1305065A-21A	TO-15	1,4-Dichlorobenzene	0.33 ppbv / 2.0 µg/m^3
1305065A-21A	TO-15	alpha-Chlorotoluene	0.17 ppbv / 0.88 µg/m^3
1305065A-21A	TO-15	1,2-Dichlorobenzene	0.27 ppbv / 1.6 µg/m^3
1305065A-21A	TO-15	1,2,4-Trichlorobenzene	1.2 ppbv / 8.8 µg/m^3
1305065A-21A	TO-15	Hexachlorobutadiene	0.56 ppbv / 6.0 µg/m^3
1305065B-21A	Natural gases	Oxygen	0.023%
1305065B-21A	Natural gases	Nitrogen	0.076%

Qualifications due to blank contamination are included in the table below. Analytical data that were reported non-detect or at concentrations greater than five times (5X) the associated blank concentration did not require qualification.

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-9-5-050113	TO-15	Carbon disulfide	-	**U**
VMP-9-5-050113	TO-15	Hexane	-	**U**
VMP-9-5-050113	TO-15	Tetrachloroethene	-	**U**
VMP-9-5-050113	TO-15	1,2-Dibromoethane (EDB)	-	**U**
VMP-9-5-050113	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-9-5-050113	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-9-5-050113	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-9-11.5-050113	TO-15	Carbon disulfide	-	**U**
VMP-9-11.5-050113	TO-15	Methylene chloride	-	**U**
VMP-9-11.5-050113	TO-15	Toluene	-	**U**
VMP-9-11.5-050113	TO-15	Tetrachloroethene	-	**U**
VMP-9-11.5-050113	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-9-11.5-050113	TO-15	1,4-Dichlorobenzene	-	**U**

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-9-11.5-050113	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-9-25.5-050113	TO-15	Carbon disulfide	-	**U**
VMP-9-25.5-050113	TO-15	Methylene chloride	-	**U**
VMP-9-25.5-050113	TO-15	1,3,5-Trimethylbenzene	-	**U**
VMP-9-25.5-050113	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-9-25.5-050113	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-9-25.5-050113	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-9-25.5-050113-Dup	TO-15	Carbon disulfide	-	**U**
VMP-9-25.5-050113-Dup	TO-15	Tetrachloroethene	-	**U**
VMP-9-25.5-050113-Dup	TO-15	1,3,5-Trimethylbenzene	-	**U**
VMP-9-25.5-050113-Dup	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-9-38.5-050113	TO-15	Toluene	-	**U**
VMP-9-38.5-050113	TO-15	Tetrachloroethene	-	**U**
VMP-9-38.5-050113	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-10-5-043013	TO-15	Carbon disulfide	-	**U**
VMP-10-5-043013	TO-15	Hexane	-	**U**
VMP-10-5-043013	TO-15	Toluene	-	**U**
VMP-10-5-043013	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-10-10-043013	TO-15	Carbon disulfide	-	**U**
VMP-10-10-043013	TO-15	Toluene	-	**U**
VMP-10-10-043013	TO-15	Propylbenzene	-	**U**
VMP-10-10-043013	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-10-20-043013	TO-15	Carbon disulfide	-	**U**
VMP-10-20-043013	TO-15	Toluene	-	**U**
VMP-10-20-043013	TO-15	Tetrachloroethene	-	**U**
VMP-10-30-043013	TO-15	Carbon disulfide	-	**U**
VMP-10-30-043013	TO-15	Tetrachloroethene	-	**U**
VMP-10-30-043013	TO-15	Cumene	-	**U**
VMP-10-30-043013	TO-15	Propylbenzene	-	**U**
VMP-17-5-050113	TO-15	Carbon disulfide	-	**U**
VMP-17-5-050113	TO-15	Toluene	-	**U**
VMP-17-5-050113	TO-15	Tetrachloroethene	-	**U**
VMP-13-5-050113	TO-15	Carbon disulfide	-	**U**
VMP-13-5-050113	TO-15	Methylene chloride	-	**U**
VMP-13-5-050113	TO-15	Toluene	-	**U**
VMP-13-5-050113	TO-15	Tetrachloroethene	-	**U**
VMP-13-5-050113	TO-15	Cumene	-	**U**
VMP-13-5-050113	TO-15	Propylbenzene	-	**U**
VMP-13-10.5-050113	TO-15	Carbon disulfide	-	**U**
VMP-13-10.5-050113	TO-15	Tetrachloroethene	-	**U**

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-13-21.5-050113	TO-15	Carbon disulfide	-	**U**
VMP-13-21.5-050113	TO-15	Hexane	-	**U**
VMP-13-21.5-050113	TO-15	Toluene	-	**U**
VMP-18-8.5-050113	TO-15	Carbon disulfide	-	**U**
VMP-18-8.5-050113	TO-15	Hexane	-	**U**
VMP-18-8.5-050113	TO-15	Toluene	-	**U**
VMP-18-8.5-050113	TO-15	Cumene	-	**U**
VMP-18-8.5-050113	TO-15	Propylbenzene	-	**U**
VMP-19-5-043013	TO-15	Carbon disulfide	-	**U**
VMP-19-5-043013	TO-15	Toluene	-	**U**
VMP-19-5-043013	TO-15	Tetrachloroethene	-	**U**
VMP-19-5-043013	TO-15	Cumene	-	**U**
VMP-19-5-043013	TO-15	1,2,4-Trimethylbenzene	-	**U**
VMP-42-10-043013	TO-15	Carbon disulfide	-	**U**
VMP-42-10-043013	TO-15	Hexane	-	**U**
VMP-42-10-043013	TO-15	Toluene	-	**U**
VMP-42-10-043013	TO-15	Tetrachloroethene	-	**U**
VMP-42-20-043013	TO-15	Carbon disulfide	-	**U**
VMP-42-30-043013	TO-15	Carbon disulfide	-	**U**
VMP-42-30-043013	TO-15	Hexane	-	**U**
VMP-42-30-043013	TO-15	Toluene	-	**U**
VMP-42-30-043013	TO-15	Tetrachloroethene	-	**U**
VMP-42-30-043013	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-42-30-043013	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-44-30-043013	TO-15	Methylene chloride	-	**U**

5.0 Laboratory Control Sample

Were LCS recoveries within evaluation criteria?

Yes

6.0 Surrogate Recoveries

Were surrogate recoveries within evaluation criteria?

Yes

7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

Were MS/MSD samples analyzed as part of this SDG?

MS/MSD samples are not applicable for vapor samples, due to the inability to spike the samples.

8.0 Laboratory Duplicate Results

Were laboratory duplicate samples collected as part of this SDG?

No

9.0 Field Duplicate Results

Were field duplicate samples collected as part of this SDG?

Yes

Field ID	Field Duplicate ID
VMP-9-25.5-050113	VMP-9-25.5-050113-Dup

Were field duplicate sample RPDs within evaluation criteria?

Yes

10.0 Sample Dilutions

For samples that were diluted and nondetect, were undiluted results also reported?

Not applicable; analytes were detected in samples that were diluted.

11.0 Additional Qualifications

Were additional qualifications applied?

No

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5/16/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305065A

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/2/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

Reviewed on
6/17/2013

eurofins | Air Toxics

WORK ORDER #: 1305065A

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/02/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/16/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-9-5-050113	Modified TO-15	9.4 "Hg	15 psi
02A	VMP-9-11.5-050113	Modified TO-15	9.6 "Hg	15.4 psi
03A	VMP-9-25.5-050113	Modified TO-15	10.2 "Hg	14.6 psi
04A	VMP-9-25.5-050113-Dup	Modified TO-15	10.4 "Hg	15.1 psi
05A	VMP-9-38.5-050113	Modified TO-15	10.8 "Hg	14.4 psi
06A	VMP-10-5-043013	Modified TO-15	11.4 "Hg	14.6 psi
07A	VMP-10-10-043013	Modified TO-15	9.4 "Hg	14.6 psi
08A	VMP-10-20-043013	Modified TO-15	10.4 "Hg	15.1 psi
09A	VMP-10-30-043013	Modified TO-15	9 "Hg	15 psi
10A	VMP-17-5-050113	Modified TO-15	8.8 "Hg	15.1 psi
11A	VMP-13-5-050113	Modified TO-15	7.8 "Hg	14.9 psi
12A	VMP-13-10.5-050113	Modified TO-15	8.4 "Hg	14.9 psi
13A	VMP-13-21.5-050113	Modified TO-15	9.6 "Hg	14.8 psi
14A	VMP-13-29.5-050113	Modified TO-15	10.8 "Hg	14.8 psi
15A	VMP-18-8.5-050113	Modified TO-15	10.4 "Hg	14.9 psi
16A	VMP-19-5-043013	Modified TO-15	11.2 "Hg	14.7 psi
17A	VMP-42-10-043013	Modified TO-15	10 "Hg	15.2 psi
18A	VMP-42-20-043013	Modified TO-15	10.6 "Hg	14.5 psi
19A	VMP-42-30-043013	Modified TO-15	8.4 "Hg	14.8 psi
20A	VMP-44-30-043013	Modified TO-15	10.6 "Hg	14.7 psi
21A	Lab Blank	Modified TO-15	NA	NA
22A	CCV	Modified TO-15	NA	NA
23A	LCS	Modified TO-15	NA	NA

Continued on next page

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WORK ORDER #: 1305065A

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/02/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/16/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
23AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 05/16/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
EPA Method TO-15
URS Corporation
Workorder# 1305065A

Twenty 1 Liter Summa Canister samples were received on May 02, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per client project requirements, the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified (0.2 ppbv for compounds reported at 0.5 ppbv and 0.8 ppbv for compounds reported at 2.0 ppbv) may be false positives.

Dilution was performed on samples VMP-13-29.5-050113 and VMP-44-30-043013 due to the presence of high level target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-9-5-050113

Lab ID#: 1305065A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.42 J	7.3	2.1 J
Freon 11	1.5	0.24 J	8.2	1.4 J
Ethanol	5.9	9.1	11	17
Acetone	15	5.4 J	35	13 J
2-Propanol	5.9	0.79 J	14	1.9 J
Carbon Disulfide	5.9	~~1.7 J~~ U	18	~~5.3 J~~ U
Hexane	1.5	~~0.36 J~~ U	5.2	~~1.2 J~~ U
2,2,4-Trimethylpentane	1.5	0.33 J	6.9	1.5 J
Benzene	1.5	1.3 J	4.7	4.1 J
Toluene	1.5	0.42 J	5.5	1.6 J
Tetrachloroethene	1.5	~~0.27 J~~ U	10	~~1.8 J~~ U
1,2-Dibromoethane (EDB)	1.5	~~0.33 J~~ U	11	~~2.5 J~~ U
1,3-Dichlorobenzene	1.5	~~0.41 J~~ U	8.8	~~2.4 J~~ U
1,4-Dichlorobenzene	1.5	~~0.41 J~~ U	8.8	~~2.5 J~~ U
1,2,4-Trichlorobenzene	5.9	~~1.0 J~~ U	44	~~7.6 J~~ U
Butane	5.9	1.7 J	14	4.0 J
Isopentane	5.9	1.6 J	17	4.6 J

Client Sample ID: VMP-9-11.5-050113

Lab ID#: 1305065A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.44 J	7.4	2.2 J
Freon 11	1.5	0.26 J	8.4	1.5 J
Ethanol	6.0	1.7 J	11	3.3 J
Acetone	15	5.7 J	36	13 J
2-Propanol	6.0	0.68 J	15	1.7 J
Carbon Disulfide	6.0	~~1.3 J~~ U	19	~~4.0 J~~ U
Methylene Chloride	15	~~0.53 J~~ U	52	~~1.8 J~~ U
Hexane	1.5	1.3 J	5.3	4.6 J
Chloroform	1.5	1.2 J	7.3	6.1 J
2,2,4-Trimethylpentane	1.5	0.86 J	7.0	4.0 J
Heptane	1.5	0.51 J	6.2	2.1 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-9-11.5-050113

Lab ID#: 1305065A-02A

4-Methyl-2-pentanone	1.5	0.71 J	6.2	2.9 J
Toluene	1.5	~~0.19 J~~ U	5.7	~~0.70 J~~ U
Tetrachloroethene	1.5	~~0.22 J~~ U	10	~~1.5 J~~ U
1,3-Dichlorobenzene	1.5	~~0.19 J~~ U	9.0	~~1.2 J~~ U
1,4-Dichlorobenzene	1.5	~~0.38 J~~ U	9.0	~~2.3 J~~ U
1,2,4-Trichlorobenzene	6.0	~~0.76 J~~ U	45	~~5.6 J~~ U
Butane	6.0	2.0 J	14	4.8 J
Isopentane	6.0	1.2 J	18	3.4 J

Client Sample ID: VMP-9-25.5-050113

Lab ID#: 1305065A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.36 J	7.5	1.8 J
Freon 11	1.5	0.25 J	8.5	1.4 J
Ethanol	6.0	3.2 J	11	6.0 J
Acetone	15	4.0 J	36	9.4 J
2-Propanol	6.0	0.82 J	15	2.0 J
Carbon Disulfide	6.0	~~1.2 J~~ U	19	~~3.6 J~~ U
Methylene Chloride	15	~~0.28 J~~ U	52	~~0.97 J~~ U
Hexane	1.5	3.2	5.3	11
Chloroform	1.5	1.7	7.4	8.3
Cyclohexane	1.5	1.1 J	5.2	3.8 J
2,2,4-Trimethylpentane	1.5	2.4	7.0	11
Benzene	1.5	3.4	4.8	11
Heptane	1.5	3.2	6.2	13
Toluene	1.5	1.6	5.7	6.0
Ethyl Benzene	1.5	2.3	6.6	9.8
m,p-Xylene	1.5	3.9	6.6	17
o-Xylene	1.5	2.0	6.6	8.6
4-Ethyltoluene	1.5	0.89 J	7.4	4.4 J
1,3,5-Trimethylbenzene	1.5	~~0.27 J~~ U	7.4	~~1.3 J~~ U
1,3-Dichlorobenzene	1.5	~~0.21 J~~ U	9.1	~~1.3 J~~ U
1,4-Dichlorobenzene	1.5	~~0.23 J~~ U	9.1	~~1.4 J~~ U
1,2,4-Trichlorobenzene	6.0	~~0.52 J~~ U	45	~~3.9 J~~ U

Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-9-25.5-050113

Lab ID#: 1305065A-03A

Isopentane	6.0	2.6 J	18	7.8 J

Client Sample ID: VMP-9-25.5-050113-Dup

Lab ID#: 1305065A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.45 J	7.7	2.2 J
Freon 11	1.6	0.25 J	8.7	1.4 J
Ethanol	6.2	4.2 J	12	7.9 J
Acetone	16	7.5 J	37	18 J
2-Propanol	6.2	0.90 J	15	2.2 J
Carbon Disulfide	6.2	~~1.1 J~~ U	19	~~3.3 J~~ U
Hexane	1.6	1.8	5.5	6.3
Chloroform	1.6	1.5 J	7.6	7.2 J
Cyclohexane	1.6	0.56 J	5.3	1.9 J
2,2,4-Trimethylpentane	1.6	1.7	7.2	7.9
Benzene	1.6	2.3	5.0	7.3
Heptane	1.6	2.3	6.4	9.6
4-Methyl-2-pentanone	1.6	0.33 J	6.3	1.4 J
Toluene	1.6	1.5 J	5.8	5.6 J
Tetrachloroethene	1.6	~~0.22 J~~ U	10	~~1.5 J~~ U
Ethyl Benzene	1.6	2.2	6.7	9.6
m,p-Xylene	1.6	4.0	6.7	18
o-Xylene	1.6	2.2	6.7	9.8
4-Ethyltoluene	1.6	0.92 J	7.6	4.5 J
1,3,5-Trimethylbenzene	1.6	~~0.30 J~~ U	7.6	~~1.5 J~~ U
1,2,4-Trichlorobenzene	6.2	~~0.46 J~~ U	46	~~3.4 J~~ U
Isopentane	6.2	2.0 J	18	6.0 J

Client Sample ID: VMP-9-38.5-050113

Lab ID#: 1305065A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.59 J	7.7	2.9 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-9-38.5-050113

Lab ID#: 1305065A-05A

Freon 11	1.6	0.19 J	8.7	1.1 J
Ethanol	6.2	2.3 J	12	4.4 J
Acetone	16	7.1 J	37	17 J
2-Propanol	6.2	0.74 J	15	1.8 J
Carbon Disulfide	6.2	2.8 J	19	8.9 J
Hexane	1.6	0.98 J	5.5	3.4 J
2-Butanone (Methyl Ethyl Ketone)	6.2	1.4 J	18	4.0 J
Chloroform	1.6	2.2	7.6	11
Cyclohexane	1.6	0.69 J	5.3	2.4 J
2,2,4-Trimethylpentane	1.6	5.8	7.2	27
Benzene	1.6	0.73 J	5.0	2.3 J
4-Methyl-2-pentanone	1.6	0.41 J	6.3	1.7 J
Toluene	1.6	~~0.25 J~~ U	5.8	~~0.95 J~~ U
Tetrachloroethene	1.6	~~0.21 J~~ U	10	~~1.4 J~~ U
1,2,4-Trichlorobenzene	6.2	~~0.52 J~~ U	46	~~3.8 J~~ U
Butane	6.2	5.9 J	15	14 J
Isopentane	6.2	22	18	65

Client Sample ID: VMP-10-5-043013

Lab ID#: 1305065A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.54 J	8.0	2.7 J
Freon 11	1.6	0.26 J	9.0	1.4 J
Acetone	16	4.9 J	38	12 J
2-Propanol	6.4	1.0 J	16	2.5 J
Carbon Disulfide	6.4	~~1.2 J~~ U	20	~~3.8 J~~ U
Hexane	1.6	~~0.55 J~~ U	5.7	~~1.9 J~~ U
2-Butanone (Methyl Ethyl Ketone)	6.4	1.6 J	19	4.8 J
2,2,4-Trimethylpentane	1.6	0.73 J	7.5	3.4 J
Benzene	1.6	3.3	5.1	10
Heptane	1.6	0.37 J	6.6	1.5 J
4-Methyl-2-pentanone	1.6	0.38 J	6.6	1.6 J
Toluene	1.6	~~0.18 J~~ U	6.1	~~0.70 J~~ U
1,2,4-Trichlorobenzene	6.4	~~0.44 J~~ U	48	~~3.3 J~~ U

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-10-10-043013

Lab ID#: 1305065A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.47 J	7.2	2.3 J
Freon 11	1.4	0.21 J	8.1	1.2 J
Acetone	14	5.3 J	34	13 J
2-Propanol	5.8	1.6 J	14	3.9 J
Carbon Disulfide	5.8	~~0.78 J~~ U	18	~~2.4 J~~ U
Hexane	1.4	2.5	5.1	8.7
2-Butanone (Methyl Ethyl Ketone)	5.8	1.0 J	17	2.9 J
Cyclohexane	1.4	3.0	5.0	10
2,2,4-Trimethylpentane	1.4	21	6.8	97
Benzene	1.4	1.1 J	4.6	3.6 J
Heptane	1.4	1.2 J	5.9	4.7 J
4-Methyl-2-pentanone	1.4	0.39 J	5.9	1.6 J
Toluene	1.4	~~0.14 J~~ U	5.5	~~0.55 J~~ U
Propylbenzene	1.4	~~0.32 J~~ U	7.1	~~1.6 J~~ U
1,2,4-Trichlorobenzene	5.8	~~0.41 J~~ U	43	~~3.0 J~~ U
Butane	5.8	2.0 J	14	4.7 J
Isopentane	5.8	9.2	17	27

Client Sample ID: VMP-10-20-043013

Lab ID#: 1305065A-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.34 J	7.7	1.7 J
Freon 11	1.6	0.20 J	8.7	1.1 J
Acetone	16	3.6 J	37	8.4 J
2-Propanol	6.2	2.7 J	15	6.6 J
Carbon Disulfide	6.2	~~1.1 J~~ U	19	~~3.3 J~~ U
Toluene	1.6	~~0.16 J~~ U	5.8	~~0.61 J~~ U
Tetrachloroethene	1.6	~~0.18 J~~ U	10	~~1.2 J~~ U

Client Sample ID: VMP-10-30-043013

Lab ID#: 1305065A-09A

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-10-30-043013

Lab ID#: 1305065A-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.40 J	7.1	2.0 J
Freon 11	1.4	0.19 J	8.1	1.0 J
Acetone	14	5.2 J	34	12 J
2-Propanol	5.8	1.7 J	14	4.1 J
Carbon Disulfide	5.8	~~1.1 J~~ U	18	~~3.4 J~~ U
Hexane	1.4	2.4	5.1	8.4
Cyclohexane	1.4	3.5	5.0	12
2,2,4-Trimethylpentane	1.4	22	6.7	100
Benzene	1.4	1.5	4.6	4.7
Heptane	1.4	1.6	5.9	6.4
4-Methyl-2-pentanone	1.4	0.46 J	5.9	1.9 J
Tetrachloroethene	1.4	~~0.17 J~~ U	9.8	~~1.2 J~~ U
Ethyl Benzene	1.4	0.36 J	6.2	1.6 J
Cumene	1.4	~~0.26 J~~ U	7.1	~~1.3 J~~ U
Propylbenzene	1.4	~~0.55 J~~ U	7.1	~~2.7 J~~ U
Butane	5.8	3.4 J	14	8.2 J
Isopentane	5.8	6.6	17	19

Client Sample ID: VMP-17-5-050113

Lab ID#: 1305065A-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.49 J	7.1	2.4 J
Freon 11	1.4	0.20 J	8.0	1.1 J
Ethanol	5.7	0.86 J	11	1.6 J
Acetone	14	6.2 J	34	15 J
Carbon Disulfide	5.7	~~0.84 J~~	18	~~2.6 J~~
2,2,4-Trimethylpentane	1.4	12	6.7	54
Toluene	1.4	~~0.11 J~~	5.4	~~0.42 J~~
Tetrachloroethene	1.4	~~0.16 J~~	9.7	~~1.1 J~~
Isopentane	5.7	0.69 J	17	2.0 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-13-5-050113

Lab ID#: 1305065A-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.56 J	6.7	2.8 J
Freon 11	1.4	0.18 J	7.6	1.0 J
Ethanol	5.4	5.3 J	10	9.9 J
Acetone	14	8.6 J	32	20 J
2-Propanol	5.4	1.7 J	13	4.3 J
Carbon Disulfide	5.4	~~0.90 J~~ U	17	~~2.8 J~~ U
Methylene Chloride	14	~~0.37 J~~ U	47	~~1.3 J~~ U
Hexane	1.4	2.3	4.8	8.2
2-Butanone (Methyl Ethyl Ketone)	5.4	1.1 J	16	3.1 J
Cyclohexane	1.4	2.7	4.7	9.3
2,2,4-Trimethylpentane	1.4	15	6.4	71
Benzene	1.4	1.4	4.3	4.3
Heptane	1.4	1.3 J	5.6	5.2 J
Toluene	1.4	~~0.33 J~~ U	5.1	~~1.2 J~~ U
Tetrachloroethene	1.4	~~0.15 J~~ U	9.2	~~1.0 J~~ U
Cumene	1.4	~~0.21 J~~ U	6.7	~~1.0 J~~ U
Propylbenzene	1.4	~~0.38 J~~ U	6.7	~~1.8 J~~ U
Butane	5.4	5.1 J	13	12 J
Isopentane	5.4	11	16	33

Client Sample ID: VMP-13-10.5-050113

Lab ID#: 1305065A-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.46 J	6.9	2.3 J
Freon 11	1.4	0.22 J	7.8	1.2 J
Ethanol	5.6	1.6 J	10	3.1 J
Acetone	14	6.3 J	33	15 J
2-Propanol	5.6	0.63 J	14	1.5 J
Carbon Disulfide	5.6	~~0.89 J~~ U	17	~~2.8 J~~ U
Hexane	1.4	1.7	4.9	5.8
2-Butanone (Methyl Ethyl Ketone)	5.6	1.1 J	16	3.2 J
2,2,4-Trimethylpentane	1.4	1.6	6.5	7.6

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-13-10.5-050113

Lab ID#: 1305065A-12A

Benzene	1.4	5.6	4.4	18
Heptane	1.4	1.3 J	5.7	5.3 J
Toluene	1.4	0.72 J	5.2	2.7 J
Tetrachloroethene	1.4	~~0.17 J~~ U	9.5	~~1.1 J~~ U
m,p-Xylene	1.4	0.56 J	6.0	2.4 J
Butane	5.6	2.8 J	13	6.7 J
Isopentane	5.6	1.5 J	16	4.5 J

Client Sample ID: VMP-13-21.5-050113

Lab ID#: 1305065A-13A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.58 J	7.3	2.9 J
Freon 11	1.5	0.17 J	8.3	0.96 J
Ethanol	5.9	1.9 J	11	3.6 J
Acetone	15	5.8 J	35	14 J
2-Propanol	5.9	1.3 J	14	3.2 J
Carbon Disulfide	5.9	~~1.0 J~~ U	18	~~3.3 J~~ U
Hexane	1.5	~~0.35 J~~ U	5.2	~~1.2 J~~ U
2-Butanone (Methyl Ethyl Ketone)	5.9	3.1 J	17	9.3 J
Chloroform	1.5	5.4	7.2	27
2,2,4-Trimethylpentane	1.5	2.2	6.9	10
4-Methyl-2-pentanone	1.5	0.93 J	6.0	3.8 J
Toluene	1.5	~~0.23 J~~ U	5.6	~~0.87 J~~ U
Isopentane	5.9	0.82 J	17	2.4 J

Client Sample ID: VMP-13-29.5-050113

Lab ID#: 1305065A-14A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	170	65 J	320	120 J
Acetone	420	160 J	990	380 J
2-Propanol	170	16 J	410	39 J
Carbon Disulfide	170	31 J	520	96 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-13-29.5-050113

Lab ID#: 1305065A-14A

Methylene Chloride	420	5.7 J	1400	20 J
Benzene	42	9600	130	31000
Toluene	42	14 J	160	52 J
Ethyl Benzene	42	8.3 J	180	36 J
o-Xylene	42	13 J	180	58 J
Styrene	42	7.4 J	180	32 J
1,3-Dichlorobenzene	42	5.7 J	250	34 J
1,4-Dichlorobenzene	42	7.4 J	250	44 J
1,2,4-Trichlorobenzene	170	14 J	1200	100 J

Client Sample ID: VMP-18-8.5-050113

Lab ID#: 1305065A-15A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.36 J	7.6	1.8 J
Freon 11	1.5	0.18 J	8.6	1.0 J
Ethanol	6.2	0.97 J	12	1.8 J
Acetone	15	18	36	42
Carbon Disulfide	6.2	~~0.86 J~~ U	19	~~2.7 J~~ U
Hexane	1.5	~~0.28 J~~ U	5.4	~~0.99 J~~ U
2,2,4-Trimethylpentane	1.5	18	7.2	86
Toluene	1.5	~~0.12 J~~ U	5.8	~~0.46 J~~ U
Ethyl Benzene	1.5	0.39 J	6.7	1.7 J
Cumene	1.5	~~0.21 J~~ U	7.6	~~1.0 J~~ U
Propylbenzene	1.5	~~0.46 J~~ U	7.6	~~2.3 J~~ U
Isopentane	6.2	1.3 J	18	3.7 J

Client Sample ID: VMP-19-5-043013

Lab ID#: 1305065A-16A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.7	0.48 J	8.4	2.4 J
Freon 11	1.7	0.28 J	9.6	1.6 J
Ethanol	6.8	3.1 J	13	5.8 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-19-5-043013

Lab ID#: 1305065A-16A

Acetone	17	3.9 J	40	9.3 J
Carbon Disulfide	6.8	~~1.1 J~~ U	21	~~3.4 J~~ U
2,2,4-Trimethylpentane	1.7	28	7.9	130
4-Methyl-2-pentanone	1.7	0.40 J	7.0	1.6 J
Toluene	1.7	~~0.17 J~~ U	6.4	~~0.64 J~~ U
Tetrachloroethene	1.7	~~0.17 J~~ U	12	~~1.2 J~~ U
Ethyl Benzene	1.7	0.60 J	7.4	2.6 J
Cumene	1.7	~~0.26 J~~ U	8.4	~~1.3 J~~ U
Propylbenzene	1.7	0.77 J	8.4	3.8 J
1,2,4-Trimethylbenzene	1.7	~~0.43 J~~ U	8.4	~~2.1 J~~ U
Isopentane	6.8	0.91 J	20	2.7 J

Client Sample ID: VMP-42-10-043013

Lab ID#: 1305065A-17A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.52 J	7.5	2.6 J
Freon 11	1.5	0.27 J	8.6	1.5 J
Ethanol	6.1	2.4 J	11	4.6 J
Acetone	15	3.9 J	36	9.2 J
2-Propanol	6.1	1.4 J	15	3.5 J
Carbon Disulfide	6.1	~~0.84 J~~ U	19	~~2.6 J~~ U
Hexane	1.5	~~0.48 J~~ U	5.4	~~1.7 J~~ U
4-Methyl-2-pentanone	1.5	0.44 J	6.2	1.8 J
Toluene	1.5	~~0.31 J~~ U	5.7	~~1.2 J~~ U
Tetrachloroethene	1.5	~~0.20 J~~ U	10	~~1.3 J~~ U
Isopentane	6.1	1.4 J	18	4.2 J

Client Sample ID: VMP-42-20-043013

Lab ID#: 1305065A-18A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.52 J	7.6	2.6 J
Freon 11	1.5	0.22 J	8.6	1.2 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-42-20-043013

Lab ID#: 1305065A-18A

Ethanol	6.1	2.2 J	12	4.2 J
Acetone	15	3.7 J	36	8.7 J
2-Propanol	6.1	1.6 J	15	4.1 J
Carbon Disulfide	6.1	~~0.97 J~~ U	19	~~3.0 J~~ U
2-Butanone (Methyl Ethyl Ketone)	6.1	1.0 J	18	3.1 J
Chloroform	1.5	1.3 J	7.5	6.6 J
2,2,4-Trimethylpentane	1.5	0.17 J	7.2	0.81 J
Toluene	1.5	0.47 J	5.8	1.8 J

Client Sample ID: VMP-42-30-043013

Lab ID#: 1305065A-19A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.48 J	6.9	2.4 J
Freon 11	1.4	0.46 J	7.8	2.6 J
Ethanol	5.6	1.5 J	10	2.8 J
Acetone	14	3.9 J	33	9.2 J
Carbon Disulfide	5.6	~~1.7 J~~ U	17	~~5.4 J~~ U
Hexane	1.4	~~0.44 J~~ U	4.9	~~1.5 J~~ U
2-Butanone (Methyl Ethyl Ketone)	5.6	0.95 J	16	2.8 J
Chloroform	1.4	0.78 J	6.8	3.8 J
2,2,4-Trimethylpentane	1.4	2.2	6.5	10
4-Methyl-2-pentanone	1.4	0.31 J	5.7	1.3 J
Toluene	1.4	~~0.15 J~~ U	5.2	~~0.57 J~~ U
Tetrachloroethene	1.4	~~0.26 J~~ U	9.4	~~1.8 J~~ U
1,4-Dichlorobenzene	1.4	~~0.22 J~~ U	8.4	~~1.3 J~~ U
1,2,4-Trichlorobenzene	5.6	~~0.39 J~~ U	41	~~2.9 J~~ U
Butane	5.6	59	13	140
Isopentane	5.6	14	16	43

Client Sample ID: VMP-44-30-043013

Lab ID#: 1305065A-20A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-44-30-043013

Lab ID#: 1305065A-20A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	21	6.1 J	39	12 J
Acetone	52	15 J	120	35 J
Carbon Disulfide	21	12 J	64	38 J
Methylene Chloride	52	~~1.2 J~~ U	180	~~4.1 J~~ U
Hexane	5.2	230	18	810
Cyclohexane	5.2	200	18	680
2,2,4-Trimethylpentane	5.2	100	24	490
Benzene	5.2	300	16	960
Heptane	5.2	72	21	290
Toluene	5.2	6.3	19	24
Ethyl Benzene	5.2	27	22	120
m,p-Xylene	5.2	5.6	22	24
o-Xylene	5.2	3.4 J	22	14 J
Cumene	5.2	3.7 J	25	18 J
Propylbenzene	5.2	4.8 J	25	24 J
4-Ethyltoluene	5.2	9.4	25	46
1,3,5-Trimethylbenzene	5.2	5.4	25	27
1,2,4-Trimethylbenzene	5.2	1.3 J	25	6.5 J
Butane	21	680	49	1600
Isopentane	21	940	61	2800

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Client Sample ID: VMP-9-5-050113

Lab ID#: 1305065A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050807**	**Date of Collection: 5/1/13 9:20:00 AM**	
Dil. Factor:	**2.94**	**Date of Analysis: 5/8/13 02:11 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.42 J	7.3	2.1 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	Not Detected	30	Not Detected
Vinyl Chloride	1.5	Not Detected	3.8	Not Detected
1,3-Butadiene	1.5	Not Detected	3.2	Not Detected
Bromomethane	15	Not Detected	57	Not Detected
Chloroethane	5.9	Not Detected	16	Not Detected
Freon 11	1.5	0.24 J	8.2	1.4 J
Ethanol	5.9	9.1	11	17
Freon 113	1.5	Not Detected	11	Not Detected
1,1-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Acetone	15	5.4 J	35	13 J
2-Propanol	5.9	0.79 J	14	1.9 J
Carbon Disulfide	5.9	~~1.7 J~~ U	18	~~5.3 J~~ U
3-Chloropropene	5.9	Not Detected	18	Not Detected
Methylene Chloride	15	Not Detected	51	Not Detected
Methyl tert-butyl ether	1.5	Not Detected	5.3	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Hexane	1.5	~~0.36 J~~ U	5.2	~~1.2 J~~ U
1,1-Dichloroethane	1.5	Not Detected	6.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.9	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.3	Not Detected
Chloroform	1.5	Not Detected	7.2	Not Detected
1,1,1-Trichloroethane	1.5	Not Detected	8.0	Not Detected
Cyclohexane	1.5	Not Detected	5.0	Not Detected
Carbon Tetrachloride	1.5	Not Detected	9.2	Not Detected
2,2,4-Trimethylpentane	1.5	0.33 J	6.9	1.5 J
Benzene	1.5	1.3 J	4.7	4.1 J
1,2-Dichloroethane	1.5	Not Detected	5.9	Not Detected
Heptane	1.5	Not Detected	6.0	Not Detected
Trichloroethene	1.5	Not Detected	7.9	Not Detected
1,2-Dichloropropane	1.5	Not Detected	6.8	Not Detected
1,4-Dioxane	5.9	Not Detected	21	Not Detected
Bromodichloromethane	1.5	Not Detected	9.8	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.7	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.0	Not Detected
Toluene	1.5	0.42 J	5.5	1.6 J
trans-1,3-Dichloropropene	1.5	Not Detected	6.7	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.0	Not Detected
Tetrachloroethene	1.5	~~0.27 J~~ U	10	~~1.8 J~~ U
2-Hexanone	5.9	Not Detected	24	Not Detected

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Client Sample ID: VMP-9-5-050113

Lab ID#: 1305065A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050807**	**Date of Collection: 5/1/13 9:20:00 AM**	
Dil. Factor:	**2.94**	**Date of Analysis: 5/8/13 02:11 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.5	~~0.33 J~~	11	~~2.5 J~~
Chlorobenzene	1.5	Not Detected	6.8	Not Detected
Ethyl Benzene	1.5	Not Detected	6.4	Not Detected
m,p-Xylene	1.5	Not Detected	6.4	Not Detected
o-Xylene	1.5	Not Detected	6.4	Not Detected
Styrene	1.5	Not Detected	6.3	Not Detected
Bromoform	1.5	Not Detected	15	Not Detected
Cumene	1.5	Not Detected	7.2	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.2	Not Detected
4-Ethyltoluene	1.5	Not Detected	7.2	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.2	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.2	Not Detected
1,3-Dichlorobenzene	1.5	~~0.41 J~~	8.8	~~2.4 J~~
1,4-Dichlorobenzene	1.5	~~0.41 J~~	8.8	~~2.5 J~~
alpha-Chlorotoluene	1.5	Not Detected	7.6	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	8.8	Not Detected
1,2,4-Trichlorobenzene	5.9	~~1.0 J~~	44	~~7.6 J~~
Hexachlorobutadiene	5.9	Not Detected	63	Not Detected
Butane	5.9	1.7 J	14	4.0 J
Isopentane	5.9	1.6 J	17	4.6 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: VMP-9-11.5-050113

Lab ID#: 1305065A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050808**	**Date of Collection: 5/1/13 10:10:00 AM**	
Dil. Factor:	**3.01**	**Date of Analysis: 5/8/13 02:54 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.44 J	7.4	2.2 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	Not Detected	31	Not Detected
Vinyl Chloride	1.5	Not Detected	3.8	Not Detected
1,3-Butadiene	1.5	Not Detected	3.3	Not Detected
Bromomethane	15	Not Detected	58	Not Detected
Chloroethane	6.0	Not Detected	16	Not Detected
Freon 11	1.5	0.26 J	8.4	1.5 J
Ethanol	6.0	1.7 J	11	3.3 J
Freon 113	1.5	Not Detected	12	Not Detected
1,1-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Acetone	15	5.7 J	36	13 J
2-Propanol	6.0	0.68 J	15	1.7 J
Carbon Disulfide	6.0	~~1.3 J~~	19	~~4.0 J~~
3-Chloropropene	6.0	Not Detected	19	Not Detected
Methylene Chloride	15	~~0.53 J~~	52	~~1.8 J~~
Methyl tert-butyl ether	1.5	Not Detected	5.4	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Hexane	1.5	1.3 J	5.3	4.6 J
1,1-Dichloroethane	1.5	Not Detected	6.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.0	Not Detected	18	Not Detected
cis-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.4	Not Detected
Chloroform	1.5	1.2 J	7.3	6.1 J
1,1,1-Trichloroethane	1.5	Not Detected	8.2	Not Detected
Cyclohexane	1.5	Not Detected	5.2	Not Detected
Carbon Tetrachloride	1.5	Not Detected	9.5	Not Detected
2,2,4-Trimethylpentane	1.5	0.86 J	7.0	4.0 J
Benzene	1.5	Not Detected	4.8	Not Detected
1,2-Dichloroethane	1.5	Not Detected	6.1	Not Detected
Heptane	1.5	0.51 J	6.2	2.1 J
Trichloroethene	1.5	Not Detected	8.1	Not Detected
1,2-Dichloropropane	1.5	Not Detected	7.0	Not Detected
1,4-Dioxane	6.0	Not Detected	22	Not Detected
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.8	Not Detected
4-Methyl-2-pentanone	1.5	0.71 J	6.2	2.9 J
Toluene	1.5	~~0.19 J~~	5.7	~~0.70 J~~
trans-1,3-Dichloropropene	1.5	Not Detected	6.8	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.2	Not Detected
Tetrachloroethene	1.5	~~0.22 J~~	10	~~1.5 J~~
2-Hexanone	6.0	Not Detected	25	Not Detected

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Client Sample ID: VMP-9-11.5-050113

Lab ID#: 1305065A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050808**	**Date of Collection: 5/1/13 10:10:00 AM**	
Dil. Factor:	**3.01**	**Date of Analysis: 5/8/13 02:54 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	12	Not Detected
Chlorobenzene	1.5	Not Detected	6.9	Not Detected
Ethyl Benzene	1.5	Not Detected	6.5	Not Detected
m,p-Xylene	1.5	Not Detected	6.5	Not Detected
o-Xylene	1.5	Not Detected	6.5	Not Detected
Styrene	1.5	Not Detected	6.4	Not Detected
Bromoform	1.5	Not Detected	16	Not Detected
Cumene	1.5	Not Detected	7.4	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.4	Not Detected
4-Ethyltoluene	1.5	Not Detected	7.4	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.4	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.4	Not Detected
1,3-Dichlorobenzene	1.5	~~0.19 J~~	9.0	~~1.2 J~~
1,4-Dichlorobenzene	1.5	~~0.38 J~~	9.0	~~2.3 J~~
alpha-Chlorotoluene	1.5	Not Detected	7.8	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	9.0	Not Detected
1,2,4-Trichlorobenzene	6.0	~~0.76 J~~	45	~~5.6 J~~
Hexachlorobutadiene	6.0	Not Detected	64	Not Detected
Butane	6.0	2.0 J	14	4.8 J
Isopentane	6.0	1.2 J	18	3.4 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: VMP-9-25.5-050113

Lab ID#: 1305065A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050809**	**Date of Collection: 5/1/13 11:03:00 AM**	
Dil. Factor:	**3.02**	**Date of Analysis: 5/8/13 03:22 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.36 J	7.5	1.8 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	Not Detected	31	Not Detected
Vinyl Chloride	1.5	Not Detected	3.8	Not Detected
1,3-Butadiene	1.5	Not Detected	3.3	Not Detected
Bromomethane	15	Not Detected	59	Not Detected
Chloroethane	6.0	Not Detected	16	Not Detected
Freon 11	1.5	0.25 J	8.5	1.4 J
Ethanol	6.0	3.2 J	11	6.0 J
Freon 113	1.5	Not Detected	12	Not Detected
1,1-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Acetone	15	4.0 J	36	9.4 J
2-Propanol	6.0	0.82 J	15	2.0 J
Carbon Disulfide	6.0	~~1.2 J~~	19	~~3.6 J~~
3-Chloropropene	6.0	Not Detected	19	Not Detected
Methylene Chloride	15	~~0.28 J~~	52	~~0.97 J~~
Methyl tert-butyl ether	1.5	Not Detected	5.4	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Hexane	1.5	3.2	5.3	11
1,1-Dichloroethane	1.5	Not Detected	6.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.0	Not Detected	18	Not Detected
cis-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.4	Not Detected
Chloroform	1.5	1.7	7.4	8.3
1,1,1-Trichloroethane	1.5	Not Detected	8.2	Not Detected
Cyclohexane	1.5	1.1 J	5.2	3.8 J
Carbon Tetrachloride	1.5	Not Detected	9.5	Not Detected
2,2,4-Trimethylpentane	1.5	2.4	7.0	11
Benzene	1.5	3.4	4.8	11
1,2-Dichloroethane	1.5	Not Detected	6.1	Not Detected
Heptane	1.5	3.2	6.2	13
Trichloroethene	1.5	Not Detected	8.1	Not Detected
1,2-Dichloropropane	1.5	Not Detected	7.0	Not Detected
1,4-Dioxane	6.0	Not Detected	22	Not Detected
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.8	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.2	Not Detected
Toluene	1.5	1.6	5.7	6.0
trans-1,3-Dichloropropene	1.5	Not Detected	6.8	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.2	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	6.0	Not Detected	25	Not Detected

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Client Sample ID: VMP-9-25.5-050113

Lab ID#: 1305065A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050809**	**Date of Collection: 5/1/13 11:03:00 AM**	
Dil. Factor:	**3.02**	**Date of Analysis: 5/8/13 03:22 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	12	Not Detected
Chlorobenzene	1.5	Not Detected	7.0	Not Detected
Ethyl Benzene	1.5	2.3	6.6	9.8
m,p-Xylene	1.5	3.9	6.6	17
o-Xylene	1.5	2.0	6.6	8.6
Styrene	1.5	Not Detected	6.4	Not Detected
Bromoform	1.5	Not Detected	16	Not Detected
Cumene	1.5	Not Detected	7.4	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.4	Not Detected
4-Ethyltoluene	1.5	0.89 J	7.4	4.4 J
1,3,5-Trimethylbenzene	1.5	~~0.27 J~~	7.4	~~1.3 J~~
1,2,4-Trimethylbenzene	1.5	Not Detected	7.4	Not Detected
1,3-Dichlorobenzene	1.5	~~0.21 J~~	9.1	~~1.3 J~~
1,4-Dichlorobenzene	1.5	~~0.23 J~~	9.1	~~1.4 J~~
alpha-Chlorotoluene	1.5	Not Detected	7.8	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	9.1	Not Detected
1,2,4-Trichlorobenzene	6.0	~~0.52 J~~	45	~~3.9 J~~
Hexachlorobutadiene	6.0	Not Detected	64	Not Detected
Butane	6.0	Not Detected	14	Not Detected
Isopentane	6.0	2.6 J	18	7.8 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: VMP-9-25.5-050113-Dup

Lab ID#: 1305065A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050810**	**Date of Collection:**	**5/1/13 11:03:00 AM**
Dil. Factor:	**3.10**	**Date of Analysis:**	**5/8/13 03:42 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.45 J	7.7	2.2 J
Freon 114	1.6	Not Detected	11	Not Detected
Chloromethane	16	Not Detected	32	Not Detected
Vinyl Chloride	1.6	Not Detected	4.0	Not Detected
1,3-Butadiene	1.6	Not Detected	3.4	Not Detected
Bromomethane	16	Not Detected	60	Not Detected
Chloroethane	6.2	Not Detected	16	Not Detected
Freon 11	1.6	0.25 J	8.7	1.4 J
Ethanol	6.2	4.2 J	12	7.9 J
Freon 113	1.6	Not Detected	12	Not Detected
1,1-Dichloroethene	1.6	Not Detected	6.1	Not Detected
Acetone	16	7.5 J	37	18 J
2-Propanol	6.2	0.90 J	15	2.2 J
Carbon Disulfide	6.2	~~1.1 J~~	19	~~3.3 J~~
3-Chloropropene	6.2	Not Detected	19	Not Detected
Methylene Chloride	16	Not Detected	54	Not Detected
Methyl tert-butyl ether	1.6	Not Detected	5.6	Not Detected
trans-1,2-Dichloroethene	1.6	Not Detected	6.1	Not Detected
Hexane	1.6	1.8	5.5	6.3
1,1-Dichloroethane	1.6	Not Detected	6.3	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.2	Not Detected	18	Not Detected
cis-1,2-Dichloroethene	1.6	Not Detected	6.1	Not Detected
Tetrahydrofuran	1.6	Not Detected	4.6	Not Detected
Chloroform	1.6	1.5 J	7.6	7.2 J
1,1,1-Trichloroethane	1.6	Not Detected	8.4	Not Detected
Cyclohexane	1.6	0.56 J	5.3	1.9 J
Carbon Tetrachloride	1.6	Not Detected	9.8	Not Detected
2,2,4-Trimethylpentane	1.6	1.7	7.2	7.9
Benzene	1.6	2.3	5.0	7.3
1,2-Dichloroethane	1.6	Not Detected	6.3	Not Detected
Heptane	1.6	2.3	6.4	9.6
Trichloroethene	1.6	Not Detected	8.3	Not Detected
1,2-Dichloropropane	1.6	Not Detected	7.2	Not Detected
1,4-Dioxane	6.2	Not Detected	22	Not Detected
Bromodichloromethane	1.6	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.6	Not Detected	7.0	Not Detected
4-Methyl-2-pentanone	1.6	0.33 J	6.3	1.4 J
Toluene	1.6	1.5 J	5.8	5.6 J
trans-1,3-Dichloropropene	1.6	Not Detected	7.0	Not Detected
1,1,2-Trichloroethane	1.6	Not Detected	8.4	Not Detected
Tetrachloroethene	1.6	~~0.22 J~~	10	~~1.5 J~~
2-Hexanone	6.2	Not Detected	25	Not Detected

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Client Sample ID: VMP-9-25.5-050113-Dup

Lab ID#: 1305065A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050810**	**Date of Collection: 5/1/13 11:03:00 AM**	
Dil. Factor:	**3.10**	**Date of Analysis: 5/8/13 03:42 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.6	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.6	Not Detected	12	Not Detected
Chlorobenzene	1.6	Not Detected	7.1	Not Detected
Ethyl Benzene	1.6	2.2	6.7	9.6
m,p-Xylene	1.6	4.0	6.7	18
o-Xylene	1.6	2.2	6.7	9.8
Styrene	1.6	Not Detected	6.6	Not Detected
Bromoform	1.6	Not Detected	16	Not Detected
Cumene	1.6	Not Detected	7.6	Not Detected
1,1,2,2-Tetrachloroethane	1.6	Not Detected	11	Not Detected
Propylbenzene	1.6	Not Detected	7.6	Not Detected
4-Ethyltoluene	1.6	0.92 J	7.6	4.5 J
1,3,5-Trimethylbenzene	1.6	~~0.30 J~~ U	7.6	~~1.5 J~~ U
1,2,4-Trimethylbenzene	1.6	Not Detected	7.6	Not Detected
1,3-Dichlorobenzene	1.6	Not Detected	9.3	Not Detected
1,4-Dichlorobenzene	1.6	Not Detected	9.3	Not Detected
alpha-Chlorotoluene	1.6	Not Detected	8.0	Not Detected
1,2-Dichlorobenzene	1.6	Not Detected	9.3	Not Detected
1,2,4-Trichlorobenzene	6.2	~~0.46 J~~ U	46	~~3.4 J~~ U
Hexachlorobutadiene	6.2	Not Detected	66	Not Detected
Butane	6.2	Not Detected	15	Not Detected
Isopentane	6.2	2.0 J	18	6.0 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: VMP-9-38.5-050113

Lab ID#: 1305065A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050811**	**Date of Collection:**	**5/1/13 11:58:00 AM**
Dil. Factor:	**3.10**	**Date of Analysis:**	**5/8/13 04:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.59 J	7.7	2.9 J
Freon 114	1.6	Not Detected	11	Not Detected
Chloromethane	16	Not Detected	32	Not Detected
Vinyl Chloride	1.6	Not Detected	4.0	Not Detected
1,3-Butadiene	1.6	Not Detected	3.4	Not Detected
Bromomethane	16	Not Detected	60	Not Detected
Chloroethane	6.2	Not Detected	16	Not Detected
Freon 11	1.6	0.19 J	8.7	1.1 J
Ethanol	6.2	2.3 J	12	4.4 J
Freon 113	1.6	Not Detected	12	Not Detected
1,1-Dichloroethene	1.6	Not Detected	6.1	Not Detected
Acetone	16	7.1 J	37	17 J
2-Propanol	6.2	0.74 J	15	1.8 J
Carbon Disulfide	6.2	2.8 J	19	8.9 J
3-Chloropropene	6.2	Not Detected	19	Not Detected
Methylene Chloride	16	Not Detected	54	Not Detected
Methyl tert-butyl ether	1.6	Not Detected	5.6	Not Detected
trans-1,2-Dichloroethene	1.6	Not Detected	6.1	Not Detected
Hexane	1.6	0.98 J	5.5	3.4 J
1,1-Dichloroethane	1.6	Not Detected	6.3	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.2	1.4 J	18	4.0 J
cis-1,2-Dichloroethene	1.6	Not Detected	6.1	Not Detected
Tetrahydrofuran	1.6	Not Detected	4.6	Not Detected
Chloroform	1.6	2.2	7.6	11
1,1,1-Trichloroethane	1.6	Not Detected	8.4	Not Detected
Cyclohexane	1.6	0.69 J	5.3	2.4 J
Carbon Tetrachloride	1.6	Not Detected	9.8	Not Detected
2,2,4-Trimethylpentane	1.6	5.8	7.2	27
Benzene	1.6	0.73 J	5.0	2.3 J
1,2-Dichloroethane	1.6	Not Detected	6.3	Not Detected
Heptane	1.6	Not Detected	6.4	Not Detected
Trichloroethene	1.6	Not Detected	8.3	Not Detected
1,2-Dichloropropane	1.6	Not Detected	7.2	Not Detected
1,4-Dioxane	6.2	Not Detected	22	Not Detected
Bromodichloromethane	1.6	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.6	Not Detected	7.0	Not Detected
4-Methyl-2-pentanone	1.6	0.41 J	6.3	1.7 J
Toluene	1.6	~~0.25 J~~	5.8	~~0.95 J~~
trans-1,3-Dichloropropene	1.6	Not Detected	7.0	Not Detected
1,1,2-Trichloroethane	1.6	Not Detected	8.4	Not Detected
Tetrachloroethene	1.6	~~0.21 J~~	10	~~1.4 J~~
2-Hexanone	6.2	Not Detected	25	Not Detected

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Client Sample ID: VMP-9-38.5-050113

Lab ID#: 1305065A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050811**	**Date of Collection: 5/1/13 11:58:00 AM**	
Dil. Factor:	**3.10**	**Date of Analysis: 5/8/13 04:02 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.6	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.6	Not Detected	12	Not Detected
Chlorobenzene	1.6	Not Detected	7.1	Not Detected
Ethyl Benzene	1.6	Not Detected	6.7	Not Detected
m,p-Xylene	1.6	Not Detected	6.7	Not Detected
o-Xylene	1.6	Not Detected	6.7	Not Detected
Styrene	1.6	Not Detected	6.6	Not Detected
Bromoform	1.6	Not Detected	16	Not Detected
Cumene	1.6	Not Detected	7.6	Not Detected
1,1,2,2-Tetrachloroethane	1.6	Not Detected	11	Not Detected
Propylbenzene	1.6	Not Detected	7.6	Not Detected
4-Ethyltoluene	1.6	Not Detected	7.6	Not Detected
1,3,5-Trimethylbenzene	1.6	Not Detected	7.6	Not Detected
1,2,4-Trimethylbenzene	1.6	Not Detected	7.6	Not Detected
1,3-Dichlorobenzene	1.6	Not Detected	9.3	Not Detected
1,4-Dichlorobenzene	1.6	Not Detected	9.3	Not Detected
alpha-Chlorotoluene	1.6	Not Detected	8.0	Not Detected
1,2-Dichlorobenzene	1.6	Not Detected	9.3	Not Detected
1,2,4-Trichlorobenzene	6.2	~~0.52 J~~	46	~~3.8 J~~
Hexachlorobutadiene	6.2	Not Detected	66	Not Detected
Butane	6.2	5.9 J	15	14 J
Isopentane	6.2	22	18	65

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: VMP-10-5-043013

Lab ID#: 1305065A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050812**	**Date of Collection: 4/30/13 1:42:00 PM**	
Dil. Factor:	**3.22**	**Date of Analysis: 5/8/13 04:27 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.54 J	8.0	2.7 J
Freon 114	1.6	Not Detected	11	Not Detected
Chloromethane	16	Not Detected	33	Not Detected
Vinyl Chloride	1.6	Not Detected	4.1	Not Detected
1,3-Butadiene	1.6	Not Detected	3.6	Not Detected
Bromomethane	16	Not Detected	62	Not Detected
Chloroethane	6.4	Not Detected	17	Not Detected
Freon 11	1.6	0.26 J	9.0	1.4 J
Ethanol	6.4	Not Detected	12	Not Detected
Freon 113	1.6	Not Detected	12	Not Detected
1,1-Dichloroethene	1.6	Not Detected	6.4	Not Detected
Acetone	16	4.9 J	38	12 J
2-Propanol	6.4	1.0 J	16	2.5 J
Carbon Disulfide	6.4	~~1.2 J~~	20	~~3.8 J~~
3-Chloropropene	6.4	Not Detected	20	Not Detected
Methylene Chloride	16	Not Detected	56	Not Detected
Methyl tert-butyl ether	1.6	Not Detected	5.8	Not Detected
trans-1,2-Dichloroethene	1.6	Not Detected	6.4	Not Detected
Hexane	1.6	~~0.55 J~~	5.7	~~1.9 J~~
1,1-Dichloroethane	1.6	Not Detected	6.5	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.4	1.6 J	19	4.8 J
cis-1,2-Dichloroethene	1.6	Not Detected	6.4	Not Detected
Tetrahydrofuran	1.6	Not Detected	4.7	Not Detected
Chloroform	1.6	Not Detected	7.9	Not Detected
1,1,1-Trichloroethane	1.6	Not Detected	8.8	Not Detected
Cyclohexane	1.6	Not Detected	5.5	Not Detected
Carbon Tetrachloride	1.6	Not Detected	10	Not Detected
2,2,4-Trimethylpentane	1.6	0.73 J	7.5	3.4 J
Benzene	1.6	3.3	5.1	10
1,2-Dichloroethane	1.6	Not Detected	6.5	Not Detected
Heptane	1.6	0.37 J	6.6	1.5 J
Trichloroethene	1.6	Not Detected	8.6	Not Detected
1,2-Dichloropropane	1.6	Not Detected	7.4	Not Detected
1,4-Dioxane	6.4	Not Detected	23	Not Detected
Bromodichloromethane	1.6	Not Detected	11	Not Detected
cis-1,3-Dichloropropene	1.6	Not Detected	7.3	Not Detected
4-Methyl-2-pentanone	1.6	0.38 J	6.6	1.6 J
Toluene	1.6	~~0.18 J~~	6.1	~~0.70 J~~
trans-1,3-Dichloropropene	1.6	Not Detected	7.3	Not Detected
1,1,2-Trichloroethane	1.6	Not Detected	8.8	Not Detected
Tetrachloroethene	1.6	Not Detected	11	Not Detected
2-Hexanone	6.4	Not Detected	26	Not Detected

Client Sample ID: VMP-10-5-043013

Lab ID#: 1305065A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050812**	**Date of Collection:**	**4/30/13 1:42:00 PM**
Dil. Factor:	**3.22**	**Date of Analysis:**	**5/8/13 04:27 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.6	Not Detected	14	Not Detected
1,2-Dibromoethane (EDB)	1.6	Not Detected	12	Not Detected
Chlorobenzene	1.6	Not Detected	7.4	Not Detected
Ethyl Benzene	1.6	Not Detected	7.0	Not Detected
m,p-Xylene	1.6	Not Detected	7.0	Not Detected
o-Xylene	1.6	Not Detected	7.0	Not Detected
Styrene	1.6	Not Detected	6.8	Not Detected
Bromoform	1.6	Not Detected	17	Not Detected
Cumene	1.6	Not Detected	7.9	Not Detected
1,1,2,2-Tetrachloroethane	1.6	Not Detected	11	Not Detected
Propylbenzene	1.6	Not Detected	7.9	Not Detected
4-Ethyltoluene	1.6	Not Detected	7.9	Not Detected
1,3,5-Trimethylbenzene	1.6	Not Detected	7.9	Not Detected
1,2,4-Trimethylbenzene	1.6	Not Detected	7.9	Not Detected
1,3-Dichlorobenzene	1.6	Not Detected	9.7	Not Detected
1,4-Dichlorobenzene	1.6	Not Detected	9.7	Not Detected
alpha-Chlorotoluene	1.6	Not Detected	8.3	Not Detected
1,2-Dichlorobenzene	1.6	Not Detected	9.7	Not Detected
1,2,4-Trichlorobenzene	6.4	~~0.44 J~~	48	~~3.3 J~~
Hexachlorobutadiene	6.4	Not Detected	69	Not Detected
Butane	6.4	Not Detected	15	Not Detected
Isopentane	6.4	Not Detected	19	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VMP-10-10-043013

Lab ID#: 1305065A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050813**	**Date of Collection:**	**4/30/13 2:31:00 PM**
Dil. Factor:	**2.90**	**Date of Analysis:**	**5/8/13 04:51 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.47 J	7.2	2.3 J
Freon 114	1.4	Not Detected	10	Not Detected
Chloromethane	14	Not Detected	30	Not Detected
Vinyl Chloride	1.4	Not Detected	3.7	Not Detected
1,3-Butadiene	1.4	Not Detected	3.2	Not Detected
Bromomethane	14	Not Detected	56	Not Detected
Chloroethane	5.8	Not Detected	15	Not Detected
Freon 11	1.4	0.21 J	8.1	1.2 J
Ethanol	5.8	Not Detected	11	Not Detected
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Acetone	14	5.3 J	34	13 J
2-Propanol	5.8	1.6 J	14	3.9 J
Carbon Disulfide	5.8	~~0.78 J~~	18	~~2.4 J~~
3-Chloropropene	5.8	Not Detected	18	Not Detected
Methylene Chloride	14	Not Detected	50	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.2	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Hexane	1.4	2.5	5.1	8.7
1,1-Dichloroethane	1.4	Not Detected	5.9	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.8	1.0 J	17	2.9 J
cis-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.3	Not Detected
Chloroform	1.4	Not Detected	7.1	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.9	Not Detected
Cyclohexane	1.4	3.0	5.0	10
Carbon Tetrachloride	1.4	Not Detected	9.1	Not Detected
2,2,4-Trimethylpentane	1.4	21	6.8	97
Benzene	1.4	1.1 J	4.6	3.6 J
1,2-Dichloroethane	1.4	Not Detected	5.9	Not Detected
Heptane	1.4	1.2 J	5.9	4.7 J
Trichloroethene	1.4	Not Detected	7.8	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.7	Not Detected
1,4-Dioxane	5.8	Not Detected	21	Not Detected
Bromodichloromethane	1.4	Not Detected	9.7	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.6	Not Detected
4-Methyl-2-pentanone	1.4	0.39 J	5.9	1.6 J
Toluene	1.4	~~0.14 J~~	5.5	~~0.55 J~~
trans-1,3-Dichloropropene	1.4	Not Detected	6.6	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.9	Not Detected
Tetrachloroethene	1.4	Not Detected	9.8	Not Detected
2-Hexanone	5.8	Not Detected	24	Not Detected

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Client Sample ID: VMP-10-10-043013

Lab ID#: 1305065A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050813**	**Date of Collection: 4/30/13 2:31:00 PM**	
Dil. Factor:	**2.90**	**Date of Analysis: 5/8/13 04:51 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	Not Detected	6.7	Not Detected
Ethyl Benzene	1.4	Not Detected	6.3	Not Detected
m,p-Xylene	1.4	Not Detected	6.3	Not Detected
o-Xylene	1.4	Not Detected	6.3	Not Detected
Styrene	1.4	Not Detected	6.2	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	Not Detected	7.1	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	10	Not Detected
Propylbenzene	1.4	0.32 J	7.1	1.6 J
4-Ethyltoluene	1.4	Not Detected	7.1	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.7	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.7	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.5	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.7	Not Detected
1,2,4-Trichlorobenzene	5.8	0.41 J	43	3.0 J
Hexachlorobutadiene	5.8	Not Detected	62	Not Detected
Butane	5.8	2.0 J	14	4.7 J
Isopentane	5.8	9.2	17	27

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: VMP-10-20-043013

Lab ID#: 1305065A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050814**	**Date of Collection: 4/30/13 3:21:00 PM**	
Dil. Factor:	**3.10**	**Date of Analysis: 5/8/13 05:14 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.34 J	7.7	1.7 J
Freon 114	1.6	Not Detected	11	Not Detected
Chloromethane	16	Not Detected	32	Not Detected
Vinyl Chloride	1.6	Not Detected	4.0	Not Detected
1,3-Butadiene	1.6	Not Detected	3.4	Not Detected
Bromomethane	16	Not Detected	60	Not Detected
Chloroethane	6.2	Not Detected	16	Not Detected
Freon 11	1.6	0.20 J	8.7	1.1 J
Ethanol	6.2	Not Detected	12	Not Detected
Freon 113	1.6	Not Detected	12	Not Detected
1,1-Dichloroethene	1.6	Not Detected	6.1	Not Detected
Acetone	16	3.6 J	37	8.4 J
2-Propanol	6.2	2.7 J	15	6.6 J
Carbon Disulfide	6.2	~~1.1 J~~ U	19	~~3.3 J~~ U
3-Chloropropene	6.2	Not Detected	19	Not Detected
Methylene Chloride	16	Not Detected	54	Not Detected
Methyl tert-butyl ether	1.6	Not Detected	5.6	Not Detected
trans-1,2-Dichloroethene	1.6	Not Detected	6.1	Not Detected
Hexane	1.6	Not Detected	5.5	Not Detected
1,1-Dichloroethane	1.6	Not Detected	6.3	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.2	Not Detected	18	Not Detected
cis-1,2-Dichloroethene	1.6	Not Detected	6.1	Not Detected
Tetrahydrofuran	1.6	Not Detected	4.6	Not Detected
Chloroform	1.6	Not Detected	7.6	Not Detected
1,1,1-Trichloroethane	1.6	Not Detected	8.4	Not Detected
Cyclohexane	1.6	Not Detected	5.3	Not Detected
Carbon Tetrachloride	1.6	Not Detected	9.8	Not Detected
2,2,4-Trimethylpentane	1.6	Not Detected	7.2	Not Detected
Benzene	1.6	Not Detected	5.0	Not Detected
1,2-Dichloroethane	1.6	Not Detected	6.3	Not Detected
Heptane	1.6	Not Detected	6.4	Not Detected
Trichloroethene	1.6	Not Detected	8.3	Not Detected
1,2-Dichloropropane	1.6	Not Detected	7.2	Not Detected
1,4-Dioxane	6.2	Not Detected	22	Not Detected
Bromodichloromethane	1.6	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.6	Not Detected	7.0	Not Detected
4-Methyl-2-pentanone	1.6	Not Detected	6.3	Not Detected
Toluene	1.6	~~0.16 J~~ U	5.8	~~0.61 J~~ U
trans-1,3-Dichloropropene	1.6	Not Detected	7.0	Not Detected
1,1,2-Trichloroethane	1.6	Not Detected	8.4	Not Detected
Tetrachloroethene	1.6	~~0.18 J~~ U	10	~~1.2 J~~ U
2-Hexanone	6.2	Not Detected	25	Not Detected

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Client Sample ID: VMP-10-20-043013

Lab ID#: 1305065A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050814**	**Date of Collection: 4/30/13 3:21:00 PM**	
Dil. Factor:	**3.10**	**Date of Analysis: 5/8/13 05:14 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.6	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.6	Not Detected	12	Not Detected
Chlorobenzene	1.6	Not Detected	7.1	Not Detected
Ethyl Benzene	1.6	Not Detected	6.7	Not Detected
m,p-Xylene	1.6	Not Detected	6.7	Not Detected
o-Xylene	1.6	Not Detected	6.7	Not Detected
Styrene	1.6	Not Detected	6.6	Not Detected
Bromoform	1.6	Not Detected	16	Not Detected
Cumene	1.6	Not Detected	7.6	Not Detected
1,1,2,2-Tetrachloroethane	1.6	Not Detected	11	Not Detected
Propylbenzene	1.6	Not Detected	7.6	Not Detected
4-Ethyltoluene	1.6	Not Detected	7.6	Not Detected
1,3,5-Trimethylbenzene	1.6	Not Detected	7.6	Not Detected
1,2,4-Trimethylbenzene	1.6	Not Detected	7.6	Not Detected
1,3-Dichlorobenzene	1.6	Not Detected	9.3	Not Detected
1,4-Dichlorobenzene	1.6	Not Detected	9.3	Not Detected
alpha-Chlorotoluene	1.6	Not Detected	8.0	Not Detected
1,2-Dichlorobenzene	1.6	Not Detected	9.3	Not Detected
1,2,4-Trichlorobenzene	6.2	Not Detected	46	Not Detected
Hexachlorobutadiene	6.2	Not Detected	66	Not Detected
Butane	6.2	Not Detected	15	Not Detected
Isopentane	6.2	Not Detected	18	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: VMP-10-30-043013

Lab ID#: 1305065A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050815**	**Date of Collection:**	**4/30/13 4:07:00 PM**
Dil. Factor:	**2.88**	**Date of Analysis:**	**5/8/13 05:43 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.40 J	7.1	2.0 J
Freon 114	1.4	Not Detected	10	Not Detected
Chloromethane	14	Not Detected	30	Not Detected
Vinyl Chloride	1.4	Not Detected	3.7	Not Detected
1,3-Butadiene	1.4	Not Detected	3.2	Not Detected
Bromomethane	14	Not Detected	56	Not Detected
Chloroethane	5.8	Not Detected	15	Not Detected
Freon 11	1.4	0.19 J	8.1	1.0 J
Ethanol	5.8	Not Detected	11	Not Detected
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Acetone	14	5.2 J	34	12 J
2-Propanol	5.8	1.7 J	14	4.1 J
Carbon Disulfide	5.8	~~1.1 J~~	18	~~3.4 J~~
3-Chloropropene	5.8	Not Detected	18	Not Detected
Methylene Chloride	14	Not Detected	50	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.2	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Hexane	1.4	2.4	5.1	8.4
1,1-Dichloroethane	1.4	Not Detected	5.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.8	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
Chloroform	1.4	Not Detected	7.0	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Cyclohexane	1.4	3.5	5.0	12
Carbon Tetrachloride	1.4	Not Detected	9.1	Not Detected
2,2,4-Trimethylpentane	1.4	22	6.7	100
Benzene	1.4	1.5	4.6	4.7
1,2-Dichloroethane	1.4	Not Detected	5.8	Not Detected
Heptane	1.4	1.6	5.9	6.4
Trichloroethene	1.4	Not Detected	7.7	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.6	Not Detected
1,4-Dioxane	5.8	Not Detected	21	Not Detected
Bromodichloromethane	1.4	Not Detected	9.6	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
4-Methyl-2-pentanone	1.4	0.46 J	5.9	1.9 J
Toluene	1.4	Not Detected	5.4	Not Detected
trans-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Tetrachloroethene	1.4	~~0.17 J~~	9.8	~~1.2 J~~
2-Hexanone	5.8	Not Detected	24	Not Detected

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Client Sample ID: VMP-10-30-043013

Lab ID#: 1305065A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050815**	**Date of Collection: 4/30/13 4:07:00 PM**	
Dil. Factor:	**2.88**	**Date of Analysis: 5/8/13 05:43 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	Not Detected	6.6	Not Detected
Ethyl Benzene	1.4	0.36 J	6.2	1.6 J
m,p-Xylene	1.4	Not Detected	6.2	Not Detected
o-Xylene	1.4	Not Detected	6.2	Not Detected
Styrene	1.4	Not Detected	6.1	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	~~0.26 J~~	7.1	~~1.3 J~~
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.9	Not Detected
Propylbenzene	1.4	~~0.55 J~~	7.1	~~2.7 J~~
4-Ethyltoluene	1.4	Not Detected	7.1	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.4	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,2,4-Trichlorobenzene	5.8	Not Detected	43	Not Detected
Hexachlorobutadiene	5.8	Not Detected	61	Not Detected
Butane	5.8	3.4 J	14	8.2 J
Isopentane	5.8	6.6	17	19

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	108	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: VMP-17-5-050113

Lab ID#: 1305065A-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050816**	**Date of Collection: 5/1/13 10:19:00 AM**	
Dil. Factor:	**2.86**	**Date of Analysis: 5/8/13 06:12 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.49 J	7.1	2.4 J
Freon 114	1.4	Not Detected	10	Not Detected
Chloromethane	14	Not Detected	30	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.2	Not Detected
Bromomethane	14	Not Detected	56	Not Detected
Chloroethane	5.7	Not Detected	15	Not Detected
Freon 11	1.4	0.20 J	8.0	1.1 J
Ethanol	5.7	0.86 J	11	1.6 J
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Acetone	14	6.2 J	34	15 J
2-Propanol	5.7	Not Detected	14	Not Detected
Carbon Disulfide	5.7	~~0.84 J~~	18	~~2.6 J~~
3-Chloropropene	5.7	Not Detected	18	Not Detected
Methylene Chloride	14	Not Detected	50	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.2	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Hexane	1.4	Not Detected	5.0	Not Detected
1,1-Dichloroethane	1.4	Not Detected	5.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.7	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
Chloroform	1.4	Not Detected	7.0	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Cyclohexane	1.4	Not Detected	4.9	Not Detected
Carbon Tetrachloride	1.4	Not Detected	9.0	Not Detected
2,2,4-Trimethylpentane	1.4	12	6.7	54
Benzene	1.4	Not Detected	4.6	Not Detected
1,2-Dichloroethane	1.4	Not Detected	5.8	Not Detected
Heptane	1.4	Not Detected	5.9	Not Detected
Trichloroethene	1.4	Not Detected	7.7	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.6	Not Detected
1,4-Dioxane	5.7	Not Detected	21	Not Detected
Bromodichloromethane	1.4	Not Detected	9.6	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.8	Not Detected
Toluene	1.4	~~0.11 J~~	5.4	~~0.42 J~~
trans-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Tetrachloroethene	1.4	~~0.16 J~~	9.7	~~1.1 J~~
2-Hexanone	5.7	Not Detected	23	Not Detected

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Client Sample ID: VMP-17-5-050113

Lab ID#: 1305065A-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p050816	Date of Collection:	5/1/13 10:19:00 AM
Dil. Factor:	2.86	Date of Analysis:	5/8/13 06:12 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	Not Detected	6.6	Not Detected
Ethyl Benzene	1.4	Not Detected	6.2	Not Detected
m,p-Xylene	1.4	Not Detected	6.2	Not Detected
o-Xylene	1.4	Not Detected	6.2	Not Detected
Styrene	1.4	Not Detected	6.1	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	Not Detected	7.0	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.8	Not Detected
Propylbenzene	1.4	Not Detected	7.0	Not Detected
4-Ethyltoluene	1.4	Not Detected	7.0	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.4	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,2,4-Trichlorobenzene	5.7	Not Detected	42	Not Detected
Hexachlorobutadiene	5.7	Not Detected	61	Not Detected
Butane	5.7	Not Detected	14	Not Detected
Isopentane	5.7	0.69 J	17	2.0 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: VMP-13-5-050113

Lab ID#: 1305065A-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050817**	**Date of Collection: 5/1/13 9:05:00 AM**	
Dil. Factor:	**2.72**	**Date of Analysis: 5/8/13 06:36 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.56 J	6.7	2.8 J
Freon 114	1.4	Not Detected	9.5	Not Detected
Chloromethane	14	Not Detected	28	Not Detected
Vinyl Chloride	1.4	Not Detected	3.5	Not Detected
1,3-Butadiene	1.4	Not Detected	3.0	Not Detected
Bromomethane	14	Not Detected	53	Not Detected
Chloroethane	5.4	Not Detected	14	Not Detected
Freon 11	1.4	0.18 J	7.6	1.0 J
Ethanol	5.4	5.3 J	10	9.9 J
Freon 113	1.4	Not Detected	10	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Acetone	14	8.6 J	32	20 J
2-Propanol	5.4	1.7 J	13	4.3 J
Carbon Disulfide	5.4	~~0.90 J~~	17	~~2.8 J~~
3-Chloropropene	5.4	Not Detected	17	Not Detected
Methylene Chloride	14	~~0.37 J~~	47	~~1.3 J~~
Methyl tert-butyl ether	1.4	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Hexane	1.4	2.3	4.8	8.2
1,1-Dichloroethane	1.4	Not Detected	5.5	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.4	1.1 J	16	3.1 J
cis-1,2-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.0	Not Detected
Chloroform	1.4	Not Detected	6.6	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.4	Not Detected
Cyclohexane	1.4	2.7	4.7	9.3
Carbon Tetrachloride	1.4	Not Detected	8.6	Not Detected
2,2,4-Trimethylpentane	1.4	15	6.4	71
Benzene	1.4	1.4	4.3	4.3
1,2-Dichloroethane	1.4	Not Detected	5.5	Not Detected
Heptane	1.4	1.3 J	5.6	5.2 J
Trichloroethene	1.4	Not Detected	7.3	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.3	Not Detected
1,4-Dioxane	5.4	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.1	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.2	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.6	Not Detected
Toluene	1.4	~~0.33 J~~	5.1	~~1.2 J~~
trans-1,3-Dichloropropene	1.4	Not Detected	6.2	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.4	Not Detected
Tetrachloroethene	1.4	~~0.15 J~~	9.2	~~1.0 J~~
2-Hexanone	5.4	Not Detected	22	Not Detected

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Client Sample ID: VMP-13-5-050113

Lab ID#: 1305065A-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050817**	**Date of Collection: 5/1/13 9:05:00 AM**	
Dil. Factor:	**2.72**	**Date of Analysis: 5/8/13 06:36 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	10	Not Detected
Chlorobenzene	1.4	Not Detected	6.3	Not Detected
Ethyl Benzene	1.4	Not Detected	5.9	Not Detected
m,p-Xylene	1.4	Not Detected	5.9	Not Detected
o-Xylene	1.4	Not Detected	5.9	Not Detected
Styrene	1.4	Not Detected	5.8	Not Detected
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	0.21 J	6.7	1.0 J
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.3	Not Detected
Propylbenzene	1.4	0.38 J	6.7	1.8 J
4-Ethyltoluene	1.4	Not Detected	6.7	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	6.7	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	6.7	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.2	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.2	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.0	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.2	Not Detected
1,2,4-Trichlorobenzene	5.4	Not Detected	40	Not Detected
Hexachlorobutadiene	5.4	Not Detected	58	Not Detected
Butane	5.4	5.1 J	13	12 J
Isopentane	5.4	11	16	33

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: VMP-13-10.5-050113

Lab ID#: 1305065A-12A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050818**	**Date of Collection: 5/1/13 9:52:00 AM**	
Dil. Factor:	**2.79**	**Date of Analysis: 5/8/13 07:05 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.46 J	6.9	2.3 J
Freon 114	1.4	Not Detected	9.8	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.1	Not Detected
Bromomethane	14	Not Detected	54	Not Detected
Chloroethane	5.6	Not Detected	15	Not Detected
Freon 11	1.4	0.22 J	7.8	1.2 J
Ethanol	5.6	1.6 J	10	3.1 J
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.5	Not Detected
Acetone	14	6.3 J	33	15 J
2-Propanol	5.6	0.63 J	14	1.5 J
Carbon Disulfide	5.6	~~0.89 J~~	17	~~2.8 J~~
3-Chloropropene	5.6	Not Detected	17	Not Detected
Methylene Chloride	14	Not Detected	48	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.0	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.5	Not Detected
Hexane	1.4	1.7	4.9	5.8
1,1-Dichloroethane	1.4	Not Detected	5.6	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.6	1.1 J	16	3.2 J
cis-1,2-Dichloroethene	1.4	Not Detected	5.5	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.1	Not Detected
Chloroform	1.4	Not Detected	6.8	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.6	Not Detected
Cyclohexane	1.4	Not Detected	4.8	Not Detected
Carbon Tetrachloride	1.4	Not Detected	8.8	Not Detected
2,2,4-Trimethylpentane	1.4	1.6	6.5	7.6
Benzene	1.4	5.6	4.4	18
1,2-Dichloroethane	1.4	Not Detected	5.6	Not Detected
Heptane	1.4	1.3 J	5.7	5.3 J
Trichloroethene	1.4	Not Detected	7.5	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.4	Not Detected
1,4-Dioxane	5.6	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.3	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.3	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.7	Not Detected
Toluene	1.4	0.72 J	5.2	2.7 J
trans-1,3-Dichloropropene	1.4	Not Detected	6.3	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.6	Not Detected
Tetrachloroethene	1.4	~~0.17 J~~	9.5	~~1.1 J~~
2-Hexanone	5.6	Not Detected	23	Not Detected

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Client Sample ID: VMP-13-10.5-050113

Lab ID#: 1305065A-12A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p050818	Date of Collection:	5/1/13 9:52:00 AM
Dil. Factor:	2.79	Date of Analysis:	5/8/13 07:05 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	Not Detected	6.4	Not Detected
Ethyl Benzene	1.4	Not Detected	6.0	Not Detected
m,p-Xylene	1.4	0.56 J	6.0	2.4 J
o-Xylene	1.4	Not Detected	6.0	Not Detected
Styrene	1.4	Not Detected	5.9	Not Detected
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	Not Detected	6.8	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.6	Not Detected
Propylbenzene	1.4	Not Detected	6.8	Not Detected
4-Ethyltoluene	1.4	Not Detected	6.8	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	6.8	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	6.8	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.4	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.4	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.2	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.4	Not Detected
1,2,4-Trichlorobenzene	5.6	Not Detected	41	Not Detected
Hexachlorobutadiene	5.6	Not Detected	60	Not Detected
Butane	5.6	2.8 J	13	6.7 J
Isopentane	5.6	1.5 J	16	4.5 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: VMP-13-21.5-050113

Lab ID#: 1305065A-13A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p050819	**Date of Collection:**	5/1/13 10:43:00 AM
Dil. Factor:	2.95	**Date of Analysis:**	5/8/13 07:24 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.58 J	7.3	2.9 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	Not Detected	30	Not Detected
Vinyl Chloride	1.5	Not Detected	3.8	Not Detected
1,3-Butadiene	1.5	Not Detected	3.3	Not Detected
Bromomethane	15	Not Detected	57	Not Detected
Chloroethane	5.9	Not Detected	16	Not Detected
Freon 11	1.5	0.17 J	8.3	0.96 J
Ethanol	5.9	1.9 J	11	3.6 J
Freon 113	1.5	Not Detected	11	Not Detected
1,1-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Acetone	15	5.8 J	35	14 J
2-Propanol	5.9	1.3 J	14	3.2 J
Carbon Disulfide	5.9	~~1.0 J~~	18	~~3.3 J~~
3-Chloropropene	5.9	Not Detected	18	Not Detected
Methylene Chloride	15	Not Detected	51	Not Detected
Methyl tert-butyl ether	1.5	Not Detected	5.3	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Hexane	1.5	~~0.35 J~~	5.2	~~1.2 J~~
1,1-Dichloroethane	1.5	Not Detected	6.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.9	3.1 J	17	9.3 J
cis-1,2-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.3	Not Detected
Chloroform	1.5	5.4	7.2	27
1,1,1-Trichloroethane	1.5	Not Detected	8.0	Not Detected
Cyclohexane	1.5	Not Detected	5.1	Not Detected
Carbon Tetrachloride	1.5	Not Detected	9.3	Not Detected
2,2,4-Trimethylpentane	1.5	2.2	6.9	10
Benzene	1.5	Not Detected	4.7	Not Detected
1,2-Dichloroethane	1.5	Not Detected	6.0	Not Detected
Heptane	1.5	Not Detected	6.0	Not Detected
Trichloroethene	1.5	Not Detected	7.9	Not Detected
1,2-Dichloropropane	1.5	Not Detected	6.8	Not Detected
1,4-Dioxane	5.9	Not Detected	21	Not Detected
Bromodichloromethane	1.5	Not Detected	9.9	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.7	Not Detected
4-Methyl-2-pentanone	1.5	0.93 J	6.0	3.8 J
Toluene	1.5	~~0.23 J~~	5.6	~~0.87 J~~
trans-1,3-Dichloropropene	1.5	Not Detected	6.7	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.0	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	5.9	Not Detected	24	Not Detected

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Client Sample ID: VMP-13-21.5-050113

Lab ID#: 1305065A-13A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050819**	**Date of Collection: 5/1/13 10:43:00 AM**	
Dil. Factor:	**2.95**	**Date of Analysis: 5/8/13 07:24 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	11	Not Detected
Chlorobenzene	1.5	Not Detected	6.8	Not Detected
Ethyl Benzene	1.5	Not Detected	6.4	Not Detected
m,p-Xylene	1.5	Not Detected	6.4	Not Detected
o-Xylene	1.5	Not Detected	6.4	Not Detected
Styrene	1.5	Not Detected	6.3	Not Detected
Bromoform	1.5	Not Detected	15	Not Detected
Cumene	1.5	Not Detected	7.2	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.2	Not Detected
4-Ethyltoluene	1.5	Not Detected	7.2	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.2	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.2	Not Detected
1,3-Dichlorobenzene	1.5	Not Detected	8.9	Not Detected
1,4-Dichlorobenzene	1.5	Not Detected	8.9	Not Detected
alpha-Chlorotoluene	1.5	Not Detected	7.6	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	8.9	Not Detected
1,2,4-Trichlorobenzene	5.9	Not Detected	44	Not Detected
Hexachlorobutadiene	5.9	Not Detected	63	Not Detected
Butane	5.9	Not Detected	14	Not Detected
Isopentane	5.9	0.82 J	17	2.4 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: VMP-13-29.5-050113

Lab ID#: 1305065A-14A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p050820	**Date of Collection:**	5/1/13 11:27:00 AM
Dil. Factor:	83.7	**Date of Analysis:**	5/8/13 07:48 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	42	Not Detected	210	Not Detected
Freon 114	42	Not Detected	290	Not Detected
Chloromethane	420	Not Detected	860	Not Detected
Vinyl Chloride	42	Not Detected	110	Not Detected
1,3-Butadiene	42	Not Detected	92	Not Detected
Bromomethane	420	Not Detected	1600	Not Detected
Chloroethane	170	Not Detected	440	Not Detected
Freon 11	42	Not Detected	240	Not Detected
Ethanol	170	65 J	320	120 J
Freon 113	42	Not Detected	320	Not Detected
1,1-Dichloroethene	42	Not Detected	160	Not Detected
Acetone	420	160 J	990	380 J
2-Propanol	170	16 J	410	39 J
Carbon Disulfide	170	31 J	520	96 J
3-Chloropropene	170	Not Detected	520	Not Detected
Methylene Chloride	420	5.7 J	1400	20 J
Methyl tert-butyl ether	42	Not Detected	150	Not Detected
trans-1,2-Dichloroethene	42	Not Detected	160	Not Detected
Hexane	42	Not Detected	150	Not Detected
1,1-Dichloroethane	42	Not Detected	170	Not Detected
2-Butanone (Methyl Ethyl Ketone)	170	Not Detected	490	Not Detected
cis-1,2-Dichloroethene	42	Not Detected	160	Not Detected
Tetrahydrofuran	42	Not Detected	120	Not Detected
Chloroform	42	Not Detected	200	Not Detected
1,1,1-Trichloroethane	42	Not Detected	230	Not Detected
Cyclohexane	42	Not Detected	140	Not Detected
Carbon Tetrachloride	42	Not Detected	260	Not Detected
2,2,4-Trimethylpentane	42	Not Detected	200	Not Detected
Benzene	42	9600	130	31000
1,2-Dichloroethane	42	Not Detected	170	Not Detected
Heptane	42	Not Detected	170	Not Detected
Trichloroethene	42	Not Detected	220	Not Detected
1,2-Dichloropropane	42	Not Detected	190	Not Detected
1,4-Dioxane	170	Not Detected	600	Not Detected
Bromodichloromethane	42	Not Detected	280	Not Detected
cis-1,3-Dichloropropene	42	Not Detected	190	Not Detected
4-Methyl-2-pentanone	42	Not Detected	170	Not Detected
Toluene	42	14 J	160	52 J
trans-1,3-Dichloropropene	42	Not Detected	190	Not Detected
1,1,2-Trichloroethane	42	Not Detected	230	Not Detected
Tetrachloroethene	42	Not Detected	280	Not Detected
2-Hexanone	170	Not Detected	680	Not Detected

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Client Sample ID: VMP-13-29.5-050113

Lab ID#: 1305065A-14A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050820**	**Date of Collection: 5/1/13 11:27:00 AM**	
Dil. Factor:	**83.7**	**Date of Analysis: 5/8/13 07:48 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	42	Not Detected	360	Not Detected
1,2-Dibromoethane (EDB)	42	Not Detected	320	Not Detected
Chlorobenzene	42	Not Detected	190	Not Detected
Ethyl Benzene	42	8.3 J	180	36 J
m,p-Xylene	42	Not Detected	180	Not Detected
o-Xylene	42	13 J	180	58 J
Styrene	42	7.4 J	180	32 J
Bromoform	42	Not Detected	430	Not Detected
Cumene	42	Not Detected	200	Not Detected
1,1,2,2-Tetrachloroethane	42	Not Detected	290	Not Detected
Propylbenzene	42	Not Detected	200	Not Detected
4-Ethyltoluene	42	Not Detected	200	Not Detected
1,3,5-Trimethylbenzene	42	Not Detected	200	Not Detected
1,2,4-Trimethylbenzene	42	Not Detected	200	Not Detected
1,3-Dichlorobenzene	42	5.7 J	250	34 J
1,4-Dichlorobenzene	42	7.4 J	250	44 J
alpha-Chlorotoluene	42	Not Detected	220	Not Detected
1,2-Dichlorobenzene	42	Not Detected	250	Not Detected
1,2,4-Trichlorobenzene	170	14 J	1200	100 J
Hexachlorobutadiene	170	Not Detected	1800	Not Detected
Butane	170	Not Detected	400	Not Detected
Isopentane	170	Not Detected	490	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	112	70-130

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Client Sample ID: VMP-18-8.5-050113

Lab ID#: 1305065A-15A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050821**	**Date of Collection: 5/1/13 11:28:00 AM**	
Dil. Factor:	**3.08**	**Date of Analysis: 5/8/13 08:35 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.36 J	7.6	1.8 J
Freon 114	1.5	Not Detected	11	Not Detected
Chloromethane	15	Not Detected	32	Not Detected
Vinyl Chloride	1.5	Not Detected	3.9	Not Detected
1,3-Butadiene	1.5	Not Detected	3.4	Not Detected
Bromomethane	15	Not Detected	60	Not Detected
Chloroethane	6.2	Not Detected	16	Not Detected
Freon 11	1.5	0.18 J	8.6	1.0 J
Ethanol	6.2	0.97 J	12	1.8 J
Freon 113	1.5	Not Detected	12	Not Detected
1,1-Dichloroethene	1.5	Not Detected	6.1	Not Detected
Acetone	15	18	36	42
2-Propanol	6.2	Not Detected	15	Not Detected
Carbon Disulfide	6.2	~~0.86 J~~ U	19	~~2.7 J~~ U
3-Chloropropene	6.2	Not Detected	19	Not Detected
Methylene Chloride	15	Not Detected	54	Not Detected
Methyl tert-butyl ether	1.5	Not Detected	5.6	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	6.1	Not Detected
Hexane	1.5	~~0.28 J~~ U	5.4	~~0.99 J~~ U
1,1-Dichloroethane	1.5	Not Detected	6.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.2	Not Detected	18	Not Detected
cis-1,2-Dichloroethene	1.5	Not Detected	6.1	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.5	Not Detected
Chloroform	1.5	Not Detected	7.5	Not Detected
1,1,1-Trichloroethane	1.5	Not Detected	8.4	Not Detected
Cyclohexane	1.5	Not Detected	5.3	Not Detected
Carbon Tetrachloride	1.5	Not Detected	9.7	Not Detected
2,2,4-Trimethylpentane	1.5	18	7.2	86
Benzene	1.5	Not Detected	4.9	Not Detected
1,2-Dichloroethane	1.5	Not Detected	6.2	Not Detected
Heptane	1.5	Not Detected	6.3	Not Detected
Trichloroethene	1.5	Not Detected	8.3	Not Detected
1,2-Dichloropropane	1.5	Not Detected	7.1	Not Detected
1,4-Dioxane	6.2	Not Detected	22	Not Detected
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	7.0	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.3	Not Detected
Toluene	1.5	~~0.12 J~~ U	5.8	~~0.46 J~~ U
trans-1,3-Dichloropropene	1.5	Not Detected	7.0	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.4	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	6.2	Not Detected	25	Not Detected

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Client Sample ID: VMP-18-8.5-050113

Lab ID#: 1305065A-15A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050821**	**Date of Collection: 5/1/13 11:28:00 AM**	
Dil. Factor:	**3.08**	**Date of Analysis: 5/8/13 08:35 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	12	Not Detected
Chlorobenzene	1.5	Not Detected	7.1	Not Detected
Ethyl Benzene	1.5	0.39 J	6.7	1.7 J
m,p-Xylene	1.5	Not Detected	6.7	Not Detected
o-Xylene	1.5	Not Detected	6.7	Not Detected
Styrene	1.5	Not Detected	6.6	Not Detected
Bromoform	1.5	Not Detected	16	Not Detected
Cumene	1.5	~~0.21 J~~	7.6	~~1.0 J~~
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	~~0.46 J~~	7.6	~~2.3 J~~
4-Ethyltoluene	1.5	Not Detected	7.6	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.6	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.6	Not Detected
1,3-Dichlorobenzene	1.5	Not Detected	9.2	Not Detected
1,4-Dichlorobenzene	1.5	Not Detected	9.2	Not Detected
alpha-Chlorotoluene	1.5	Not Detected	8.0	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	9.2	Not Detected
1,2,4-Trichlorobenzene	6.2	Not Detected	46	Not Detected
Hexachlorobutadiene	6.2	Not Detected	66	Not Detected
Butane	6.2	Not Detected	15	Not Detected
Isopentane	6.2	1.3 J	18	3.7 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: VMP-19-5-043013

Lab ID#: 1305065A-16A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050823**	**Date of Collection:**	**4/30/13 4:30:00 PM**
Dil. Factor:	**3.40**	**Date of Analysis:**	**5/8/13 09:52 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.7	0.48 J	8.4	2.4 J
Freon 114	1.7	Not Detected	12	Not Detected
Chloromethane	17	Not Detected	35	Not Detected
Vinyl Chloride	1.7	Not Detected	4.3	Not Detected
1,3-Butadiene	1.7	Not Detected	3.8	Not Detected
Bromomethane	17	Not Detected	66	Not Detected
Chloroethane	6.8	Not Detected	18	Not Detected
Freon 11	1.7	0.28 J	9.6	1.6 J
Ethanol	6.8	3.1 J	13	5.8 J
Freon 113	1.7	Not Detected	13	Not Detected
1,1-Dichloroethene	1.7	Not Detected	6.7	Not Detected
Acetone	17	3.9 J	40	9.3 J
2-Propanol	6.8	Not Detected	17	Not Detected
Carbon Disulfide	6.8	~~1.1 J~~ U	21	~~3.4 J~~ U
3-Chloropropene	6.8	Not Detected	21	Not Detected
Methylene Chloride	17	Not Detected	59	Not Detected
Methyl tert-butyl ether	1.7	Not Detected	6.1	Not Detected
trans-1,2-Dichloroethene	1.7	Not Detected	6.7	Not Detected
Hexane	1.7	Not Detected	6.0	Not Detected
1,1-Dichloroethane	1.7	Not Detected	6.9	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.8	Not Detected	20	Not Detected
cis-1,2-Dichloroethene	1.7	Not Detected	6.7	Not Detected
Tetrahydrofuran	1.7	Not Detected	5.0	Not Detected
Chloroform	1.7	Not Detected	8.3	Not Detected
1,1,1-Trichloroethane	1.7	Not Detected	9.3	Not Detected
Cyclohexane	1.7	Not Detected	5.8	Not Detected
Carbon Tetrachloride	1.7	Not Detected	11	Not Detected
2,2,4-Trimethylpentane	1.7	28	7.9	130
Benzene	1.7	Not Detected	5.4	Not Detected
1,2-Dichloroethane	1.7	Not Detected	6.9	Not Detected
Heptane	1.7	Not Detected	7.0	Not Detected
Trichloroethene	1.7	Not Detected	9.1	Not Detected
1,2-Dichloropropane	1.7	Not Detected	7.8	Not Detected
1,4-Dioxane	6.8	Not Detected	24	Not Detected
Bromodichloromethane	1.7	Not Detected	11	Not Detected
cis-1,3-Dichloropropene	1.7	Not Detected	7.7	Not Detected
4-Methyl-2-pentanone	1.7	0.40 J	7.0	1.6 J
Toluene	1.7	~~0.17 J~~ U	6.4	~~0.64 J~~ U
trans-1,3-Dichloropropene	1.7	Not Detected	7.7	Not Detected
1,1,2-Trichloroethane	1.7	Not Detected	9.3	Not Detected
Tetrachloroethene	1.7	~~0.17 J~~ U	12	~~1.2 J~~ U
2-Hexanone	6.8	Not Detected	28	Not Detected

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Client Sample ID: VMP-19-5-043013

Lab ID#: 1305065A-16A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050823**	**Date of Collection: 4/30/13 4:30:00 PM**	
Dil. Factor:	**3.40**	**Date of Analysis: 5/8/13 09:52 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.7	Not Detected	14	Not Detected
1,2-Dibromoethane (EDB)	1.7	Not Detected	13	Not Detected
Chlorobenzene	1.7	Not Detected	7.8	Not Detected
Ethyl Benzene	1.7	0.60 J	7.4	2.6 J
m,p-Xylene	1.7	Not Detected	7.4	Not Detected
o-Xylene	1.7	Not Detected	7.4	Not Detected
Styrene	1.7	Not Detected	7.2	Not Detected
Bromoform	1.7	Not Detected	18	Not Detected
Cumene	1.7	~~0.26 J~~	8.4	~~1.3 J~~
1,1,2,2-Tetrachloroethane	1.7	Not Detected	12	Not Detected
Propylbenzene	1.7	0.77 J	8.4	3.8 J
4-Ethyltoluene	1.7	Not Detected	8.4	Not Detected
1,3,5-Trimethylbenzene	1.7	Not Detected	8.4	Not Detected
1,2,4-Trimethylbenzene	1.7	~~0.43 J~~	8.4	~~2.1 J~~
1,3-Dichlorobenzene	1.7	Not Detected	10	Not Detected
1,4-Dichlorobenzene	1.7	Not Detected	10	Not Detected
alpha-Chlorotoluene	1.7	Not Detected	8.8	Not Detected
1,2-Dichlorobenzene	1.7	Not Detected	10	Not Detected
1,2,4-Trichlorobenzene	6.8	Not Detected	50	Not Detected
Hexachlorobutadiene	6.8	Not Detected	72	Not Detected
Butane	6.8	Not Detected	16	Not Detected
Isopentane	6.8	0.91 J	20	2.7 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	108	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: VMP-42-10-043013

Lab ID#: 1305065A-17A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p050824	**Date of Collection:**	4/30/13 2:05:00 PM
Dil. Factor:	3.05	**Date of Analysis:**	5/8/13 10:21 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.52 J	7.5	2.6 J
Freon 114	1.5	Not Detected	11	Not Detected
Chloromethane	15	Not Detected	31	Not Detected
Vinyl Chloride	1.5	Not Detected	3.9	Not Detected
1,3-Butadiene	1.5	Not Detected	3.4	Not Detected
Bromomethane	15	Not Detected	59	Not Detected
Chloroethane	6.1	Not Detected	16	Not Detected
Freon 11	1.5	0.27 J	8.6	1.5 J
Ethanol	6.1	2.4 J	11	4.6 J
Freon 113	1.5	Not Detected	12	Not Detected
1,1-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Acetone	15	3.9 J	36	9.2 J
2-Propanol	6.1	1.4 J	15	3.5 J
Carbon Disulfide	6.1	~~0.84 J~~	19	~~2.6 J~~
3-Chloropropene	6.1	Not Detected	19	Not Detected
Methylene Chloride	15	Not Detected	53	Not Detected
Methyl tert-butyl ether	1.5	Not Detected	5.5	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Hexane	1.5	~~0.48 J~~	5.4	~~1.7 J~~
1,1-Dichloroethane	1.5	Not Detected	6.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.1	Not Detected	18	Not Detected
cis-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.5	Not Detected
Chloroform	1.5	Not Detected	7.4	Not Detected
1,1,1-Trichloroethane	1.5	Not Detected	8.3	Not Detected
Cyclohexane	1.5	Not Detected	5.2	Not Detected
Carbon Tetrachloride	1.5	Not Detected	9.6	Not Detected
2,2,4-Trimethylpentane	1.5	Not Detected	7.1	Not Detected
Benzene	1.5	Not Detected	4.9	Not Detected
1,2-Dichloroethane	1.5	Not Detected	6.2	Not Detected
Heptane	1.5	Not Detected	6.2	Not Detected
Trichloroethene	1.5	Not Detected	8.2	Not Detected
1,2-Dichloropropane	1.5	Not Detected	7.0	Not Detected
1,4-Dioxane	6.1	Not Detected	22	Not Detected
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.9	Not Detected
4-Methyl-2-pentanone	1.5	0.44 J	6.2	1.8 J
Toluene	1.5	~~0.31 J~~	5.7	~~1.2 J~~
trans-1,3-Dichloropropene	1.5	Not Detected	6.9	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.3	Not Detected
Tetrachloroethene	1.5	~~0.20 J~~	10	~~1.3 J~~
2-Hexanone	6.1	Not Detected	25	Not Detected

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Client Sample ID: VMP-42-10-043013

Lab ID#: 1305065A-17A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050824**	**Date of Collection: 4/30/13 2:05:00 PM**	
Dil. Factor:	**3.05**	**Date of Analysis: 5/8/13 10:21 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	12	Not Detected
Chlorobenzene	1.5	Not Detected	7.0	Not Detected
Ethyl Benzene	1.5	Not Detected	6.6	Not Detected
m,p-Xylene	1.5	Not Detected	6.6	Not Detected
o-Xylene	1.5	Not Detected	6.6	Not Detected
Styrene	1.5	Not Detected	6.5	Not Detected
Bromoform	1.5	Not Detected	16	Not Detected
Cumene	1.5	Not Detected	7.5	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.5	Not Detected
4-Ethyltoluene	1.5	Not Detected	7.5	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.5	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.5	Not Detected
1,3-Dichlorobenzene	1.5	Not Detected	9.2	Not Detected
1,4-Dichlorobenzene	1.5	Not Detected	9.2	Not Detected
alpha-Chlorotoluene	1.5	Not Detected	7.9	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	9.2	Not Detected
1,2,4-Trichlorobenzene	6.1	Not Detected	45	Not Detected
Hexachlorobutadiene	6.1	Not Detected	65	Not Detected
Butane	6.1	Not Detected	14	Not Detected
Isopentane	6.1	1.4 J	18	4.2 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VMP-42-20-043013

Lab ID#: 1305065A-18A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p050825	Date of Collection:	4/30/13 2:53:00 PM
Dil. Factor:	3.07	Date of Analysis:	5/8/13 10:48 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.52 J	7.6	2.6 J
Freon 114	1.5	Not Detected	11	Not Detected
Chloromethane	15	Not Detected	32	Not Detected
Vinyl Chloride	1.5	Not Detected	3.9	Not Detected
1,3-Butadiene	1.5	Not Detected	3.4	Not Detected
Bromomethane	15	Not Detected	60	Not Detected
Chloroethane	6.1	Not Detected	16	Not Detected
Freon 11	1.5	0.22 J	8.6	1.2 J
Ethanol	6.1	2.2 J	12	4.2 J
Freon 113	1.5	Not Detected	12	Not Detected
1,1-Dichloroethene	1.5	Not Detected	6.1	Not Detected
Acetone	15	3.7 J	36	8.7 J
2-Propanol	6.1	1.6 J	15	4.1 J
Carbon Disulfide	6.1	0.97 J U	19	3.0 J U
3-Chloropropene	6.1	Not Detected	19	Not Detected
Methylene Chloride	15	Not Detected	53	Not Detected
Methyl tert-butyl ether	1.5	Not Detected	5.5	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	6.1	Not Detected
Hexane	1.5	Not Detected	5.4	Not Detected
1,1-Dichloroethane	1.5	Not Detected	6.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.1	1.0 J	18	3.1 J
cis-1,2-Dichloroethene	1.5	Not Detected	6.1	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.5	Not Detected
Chloroform	1.5	1.3 J	7.5	6.6 J
1,1,1-Trichloroethane	1.5	Not Detected	8.4	Not Detected
Cyclohexane	1.5	Not Detected	5.3	Not Detected
Carbon Tetrachloride	1.5	Not Detected	9.6	Not Detected
2,2,4-Trimethylpentane	1.5	0.17 J	7.2	0.81 J
Benzene	1.5	Not Detected	4.9	Not Detected
1,2-Dichloroethane	1.5	Not Detected	6.2	Not Detected
Heptane	1.5	Not Detected	6.3	Not Detected
Trichloroethene	1.5	Not Detected	8.2	Not Detected
1,2-Dichloropropane	1.5	Not Detected	7.1	Not Detected
1,4-Dioxane	6.1	Not Detected	22	Not Detected
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	7.0	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.3	Not Detected
Toluene	1.5	0.47 J	5.8	1.8 J
trans-1,3-Dichloropropene	1.5	Not Detected	7.0	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.4	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	6.1	Not Detected	25	Not Detected

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Client Sample ID: VMP-42-20-043013

Lab ID#: 1305065A-18A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050825**	**Date of Collection: 4/30/13 2:53:00 PM**	
Dil. Factor:	**3.07**	**Date of Analysis: 5/8/13 10:48 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	12	Not Detected
Chlorobenzene	1.5	Not Detected	7.1	Not Detected
Ethyl Benzene	1.5	Not Detected	6.7	Not Detected
m,p-Xylene	1.5	Not Detected	6.7	Not Detected
o-Xylene	1.5	Not Detected	6.7	Not Detected
Styrene	1.5	Not Detected	6.5	Not Detected
Bromoform	1.5	Not Detected	16	Not Detected
Cumene	1.5	Not Detected	7.5	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.5	Not Detected
4-Ethyltoluene	1.5	Not Detected	7.5	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.5	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.5	Not Detected
1,3-Dichlorobenzene	1.5	Not Detected	9.2	Not Detected
1,4-Dichlorobenzene	1.5	Not Detected	9.2	Not Detected
alpha-Chlorotoluene	1.5	Not Detected	7.9	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	9.2	Not Detected
1,2,4-Trichlorobenzene	6.1	Not Detected	46	Not Detected
Hexachlorobutadiene	6.1	Not Detected	65	Not Detected
Butane	6.1	Not Detected	14	Not Detected
Isopentane	6.1	Not Detected	18	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: VMP-42-30-043013

Lab ID#: 1305065A-19A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p050826	**Date of Collection:**	4/30/13 3:45:00 PM
Dil. Factor:	2.78	**Date of Analysis:**	5/8/13 11:18 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.48 J	6.9	2.4 J
Freon 114	1.4	Not Detected	9.7	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.1	Not Detected
Bromomethane	14	Not Detected	54	Not Detected
Chloroethane	5.6	Not Detected	15	Not Detected
Freon 11	1.4	0.46 J	7.8	2.6 J
Ethanol	5.6	1.5 J	10	2.8 J
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.5	Not Detected
Acetone	14	3.9 J	33	9.2 J
2-Propanol	5.6	Not Detected	14	Not Detected
Carbon Disulfide	5.6	~~1.7 J~~ U	17	~~5.4 J~~ U
3-Chloropropene	5.6	Not Detected	17	Not Detected
Methylene Chloride	14	Not Detected	48	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.0	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.5	Not Detected
Hexane	1.4	~~0.44 J~~ U	4.9	~~1.5 J~~ U
1,1-Dichloroethane	1.4	Not Detected	5.6	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.6	0.95 J	16	2.8 J
cis-1,2-Dichloroethene	1.4	Not Detected	5.5	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.1	Not Detected
Chloroform	1.4	0.78 J	6.8	3.8 J
1,1,1-Trichloroethane	1.4	Not Detected	7.6	Not Detected
Cyclohexane	1.4	Not Detected	4.8	Not Detected
Carbon Tetrachloride	1.4	Not Detected	8.7	Not Detected
2,2,4-Trimethylpentane	1.4	2.2	6.5	10
Benzene	1.4	Not Detected	4.4	Not Detected
1,2-Dichloroethane	1.4	Not Detected	5.6	Not Detected
Heptane	1.4	Not Detected	5.7	Not Detected
Trichloroethene	1.4	Not Detected	7.5	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.4	Not Detected
1,4-Dioxane	5.6	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.3	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.3	Not Detected
4-Methyl-2-pentanone	1.4	0.31 J	5.7	1.3 J
Toluene	1.4	~~0.15 J~~ U	5.2	~~0.57 J~~ U
trans-1,3-Dichloropropene	1.4	Not Detected	6.3	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.6	Not Detected
Tetrachloroethene	1.4	~~0.26 J~~ U	9.4	~~1.8 J~~ U
2-Hexanone	5.6	Not Detected	23	Not Detected

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Client Sample ID: VMP-42-30-043013

Lab ID#: 1305065A-19A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050826**	**Date of Collection: 4/30/13 3:45:00 PM**	
Dil. Factor:	**2.78**	**Date of Analysis: 5/8/13 11:18 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)	
Dibromochloromethane	1.4	Not Detected	12	Not Detected	
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected	
Chlorobenzene	1.4	Not Detected	6.4	Not Detected	
Ethyl Benzene	1.4	Not Detected	6.0	Not Detected	
m,p-Xylene	1.4	Not Detected	6.0	Not Detected	
o-Xylene	1.4	Not Detected	6.0	Not Detected	
Styrene	1.4	Not Detected	5.9	Not Detected	
Bromoform	1.4	Not Detected	14	Not Detected	
Cumene	1.4	Not Detected	6.8	Not Detected	
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.5	Not Detected	
Propylbenzene	1.4	Not Detected	6.8	Not Detected	
4-Ethyltoluene	1.4	Not Detected	6.8	Not Detected	
1,3,5-Trimethylbenzene	1.4	Not Detected	6.8	Not Detected	
1,2,4-Trimethylbenzene	1.4	Not Detected	6.8	Not Detected	
1,3-Dichlorobenzene	1.4	Not Detected	8.4	Not Detected	
1,4-Dichlorobenzene	1.4	~~0.22 J~~	8.4	~~1.3 J~~	
alpha-Chlorotoluene	1.4	Not Detected	7.2	Not Detected	
1,2-Dichlorobenzene	1.4	Not Detected	8.4	Not Detected	
1,2,4-Trichlorobenzene	5.6	~~0.39 J~~	41	~~2.9 J~~	
Hexachlorobutadiene	5.6	Not Detected	59	Not Detected	
Butane	5.6	59	13	140	
Isopentane	5.6	14	16	43	

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VMP-44-30-043013

Lab ID#: I305065A-20A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050827**	**Date of Collection: 4/30/13 3:00:00 PM**	
Dil. Factor:	**10.3**	**Date of Analysis: 5/9/13 08:25 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	5.2	Not Detected	25	Not Detected
Freon 114	5.2	Not Detected	36	Not Detected
Chloromethane	52	Not Detected	110	Not Detected
Vinyl Chloride	5.2	Not Detected	13	Not Detected
1,3-Butadiene	5.2	Not Detected	11	Not Detected
Bromomethane	52	Not Detected	200	Not Detected
Chloroethane	21	Not Detected	54	Not Detected
Freon 11	5.2	Not Detected	29	Not Detected
Ethanol	21	6.1 J	39	12 J
Freon 113	5.2	Not Detected	39	Not Detected
1,1-Dichloroethene	5.2	Not Detected	20	Not Detected
Acetone	52	15 J	120	35 J
2-Propanol	21	Not Detected	51	Not Detected
Carbon Disulfide	21	12 J	64	38 J
3-Chloropropene	21	Not Detected	64	Not Detected
Methylene Chloride	52	~~1.2 J~~ U	180	~~4.1 J~~ U
Methyl tert-butyl ether	5.2	Not Detected	18	Not Detected
trans-1,2-Dichloroethene	5.2	Not Detected	20	Not Detected
Hexane	5.2	230	18	810
1,1-Dichloroethane	5.2	Not Detected	21	Not Detected
2-Butanone (Methyl Ethyl Ketone)	21	Not Detected	61	Not Detected
cis-1,2-Dichloroethene	5.2	Not Detected	20	Not Detected
Tetrahydrofuran	5.2	Not Detected	15	Not Detected
Chloroform	5.2	Not Detected	25	Not Detected
1,1,1-Trichloroethane	5.2	Not Detected	28	Not Detected
Cyclohexane	5.2	200	18	680
Carbon Tetrachloride	5.2	Not Detected	32	Not Detected
2,2,4-Trimethylpentane	5.2	100	24	490
Benzene	5.2	300	16	960
1,2-Dichloroethane	5.2	Not Detected	21	Not Detected
Heptane	5.2	72	21	290
Trichloroethene	5.2	Not Detected	28	Not Detected
1,2-Dichloropropane	5.2	Not Detected	24	Not Detected
1,4-Dioxane	21	Not Detected	74	Not Detected
Bromodichloromethane	5.2	Not Detected	34	Not Detected
cis-1,3-Dichloropropene	5.2	Not Detected	23	Not Detected
4-Methyl-2-pentanone	5.2	Not Detected	21	Not Detected
Toluene	5.2	6.3	19	24
trans-1,3-Dichloropropene	5.2	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.2	Not Detected	28	Not Detected
Tetrachloroethene	5.2	Not Detected	35	Not Detected
2-Hexanone	21	Not Detected	84	Not Detected

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Client Sample ID: VMP-44-30-043013

Lab ID#: 1305065A-20A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050827**	**Date of Collection: 4/30/13 3:00:00 PM**	
Dil. Factor:	**10.3**	**Date of Analysis: 5/9/13 08:25 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	5.2	Not Detected	44	Not Detected
1,2-Dibromoethane (EDB)	5.2	Not Detected	40	Not Detected
Chlorobenzene	5.2	Not Detected	24	Not Detected
Ethyl Benzene	5.2	27	22	120
m,p-Xylene	5.2	5.6	22	24
o-Xylene	5.2	3.4 J	22	14 J
Styrene	5.2	Not Detected	22	Not Detected
Bromoform	5.2	Not Detected	53	Not Detected
Cumene	5.2	3.7 J	25	18 J
1,1,2,2-Tetrachloroethane	5.2	Not Detected	35	Not Detected
Propylbenzene	5.2	4.8 J	25	24 J
4-Ethyltoluene	5.2	9.4	25	46
1,3,5-Trimethylbenzene	5.2	5.4	25	27
1,2,4-Trimethylbenzene	5.2	1.3 J	25	6.5 J
1,3-Dichlorobenzene	5.2	Not Detected	31	Not Detected
1,4-Dichlorobenzene	5.2	Not Detected	31	Not Detected
alpha-Chlorotoluene	5.2	Not Detected	27	Not Detected
1,2-Dichlorobenzene	5.2	Not Detected	31	Not Detected
1,2,4-Trichlorobenzene	21	Not Detected	150	Not Detected
Hexachlorobutadiene	21	Not Detected	220	Not Detected
Butane	21	680	49	1600
Isopentane	21	940	61	2800

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	93	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1305065A-21A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050805a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/8/13 11:31 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	0.25 J	19	0.99 J
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	0.56 J	6.2	1.7 J
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	0.38 J	17	1.3 J
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	0.13 J	2.0	0.50 J
Hexane	0.50	0.11 J	1.8	0.39 J
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	0.083 J	2.3	0.38 J
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	0.076 J	1.9	0.28 J
trans-1,3-Dichloropropene	0.50	0.18 J	2.3	0.80 J
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	0.073 J	3.4	0.50 J
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1305065A-21A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p050805a	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/8/13 11:31 AM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	0.19 J	3.8	1.5 J
Chlorobenzene	0.50	0.12 J	2.3	0.54 J
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	0.095 J	2.1	0.40 J
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	0.10 J	2.4	0.51 J
1,1,2,2-Tetrachloroethane	0.50	0.073 J	3.4	0.50 J
Propylbenzene	0.50	0.12 J	2.4	0.60 J
4-Ethyltoluene	0.50	0.13 J	2.4	0.64 J
1,3,5-Trimethylbenzene	0.50	0.14 J	2.4	0.69 J
1,2,4-Trimethylbenzene	0.50	0.15 J	2.4	0.74 J
1,3-Dichlorobenzene	0.50	0.29 J	3.0	1.7 J
1,4-Dichlorobenzene	0.50	0.33 J	3.0	2.0 J
alpha-Chlorotoluene	0.50	0.17 J	2.6	0.88 J
1,2-Dichlorobenzene	0.50	0.27 J	3.0	1.6 J
1,2,4-Trichlorobenzene	2.0	1.2 J	15	8.8 J
Hexachlorobutadiene	2.0	0.56 J	21	6.0 J
Butane	2.0	Not Detected	4.8	Not Detected
Isopentane	2.0	Not Detected	5.9	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	95	70-130

Client Sample ID: CCV

Lab ID#: 1305065A-22A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050802**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/8/13 09:33 AM**

Compound	%Recovery
Freon 12	90
Freon 114	90
Chloromethane	94
Vinyl Chloride	91
1,3-Butadiene	97
Bromomethane	103
Chloroethane	98
Freon 11	90
Ethanol	106
Freon 113	93
1,1-Dichloroethene	97
Acetone	96
2-Propanol	94
Carbon Disulfide	89
3-Chloropropene	96
Methylene Chloride	101
Methyl tert-butyl ether	84
trans-1,2-Dichloroethene	94
Hexane	96
1,1-Dichloroethane	95
2-Butanone (Methyl Ethyl Ketone)	101
cis-1,2-Dichloroethene	95
Tetrahydrofuran	100
Chloroform	96
1,1,1-Trichloroethane	90
Cyclohexane	93
Carbon Tetrachloride	92
2,2,4-Trimethylpentane	102
Benzene	96
1,2-Dichloroethane	96
Heptane	102
Trichloroethene	96
1,2-Dichloropropane	102
1,4-Dioxane	101
Bromodichloromethane	100
cis-1,3-Dichloropropene	100
4-Methyl-2-pentanone	112
Toluene	102
trans-1,3-Dichloropropene	98
1,1,2-Trichloroethane	100
Tetrachloroethene	91
2-Hexanone	104

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Client Sample ID: CCV

Lab ID#: 1305065A-22A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/8/13 09:33 AM**	

Compound	%Recovery
Dibromochloromethane	99
1,2-Dibromoethane (EDB)	100
Chlorobenzene	99
Ethyl Benzene	101
m,p-Xylene	102
o-Xylene	102
Styrene	104
Bromoform	101
Cumene	100
1,1,2,2-Tetrachloroethane	105
Propylbenzene	103
4-Ethyltoluene	109
1,3,5-Trimethylbenzene	105
1,2,4-Trimethylbenzene	102
1,3-Dichlorobenzene	102
1,4-Dichlorobenzene	98
alpha-Chlorotoluene	103
1,2-Dichlorobenzene	104
1,2,4-Trichlorobenzene	101
Hexachlorobutadiene	102
Butane	96
Isopentane	100

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	108	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: LCS
Lab ID#: 1305065A-23A
EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/8/13 10:18 AM**	

Compound	%Recovery
Freon 12	89
Freon 114	89
Chloromethane	91
Vinyl Chloride	93
1,3-Butadiene	94
Bromomethane	95
Chloroethane	98
Freon 11	86
Ethanol	79
Freon 113	90
1,1-Dichloroethene	98
Acetone	94
2-Propanol	93
Carbon Disulfide	106
3-Chloropropene	105
Methylene Chloride	95
Methyl tert-butyl ether	77
trans-1,2-Dichloroethene	100
Hexane	90
1,1-Dichloroethane	92
2-Butanone (Methyl Ethyl Ketone)	97
cis-1,2-Dichloroethene	92
Tetrahydrofuran	97
Chloroform	94
1,1,1-Trichloroethane	87
Cyclohexane	89
Carbon Tetrachloride	88
2,2,4-Trimethylpentane	98
Benzene	96
1,2-Dichloroethane	91
Heptane	98
Trichloroethene	91
1,2-Dichloropropane	101
1,4-Dioxane	98
Bromodichloromethane	97
cis-1,3-Dichloropropene	96
4-Methyl-2-pentanone	105
Toluene	99
trans-1,3-Dichloropropene	94
1,1,2-Trichloroethane	96
Tetrachloroethene	87
2-Hexanone	100

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Client Sample ID: LCS

Lab ID#: 1305065A-23A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050803**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/8/13 10:18 AM**

Compound	%Recovery
Dibromochloromethane	95
1,2-Dibromoethane (EDB)	98
Chlorobenzene	97
Ethyl Benzene	97
m,p-Xylene	101
o-Xylene	99
Styrene	102
Bromoform	96
Cumene	97
1,1,2,2-Tetrachloroethane	106
Propylbenzene	102
4-Ethyltoluene	99
1,3,5-Trimethylbenzene	105
1,2,4-Trimethylbenzene	101
1,3-Dichlorobenzene	101
1,4-Dichlorobenzene	96
alpha-Chlorotoluene	100
1,2-Dichlorobenzene	102
1,2,4-Trichlorobenzene	103
Hexachlorobutadiene	98
Butane	96
Isopentane	98

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	107	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: LCSD

Lab ID#: 1305065A-23AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p050804	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/8/13 10:48 AM

Compound	%Recovery
Freon 12	88
Freon 114	90
Chloromethane	101
Vinyl Chloride	93
1,3-Butadiene	97
Bromomethane	100
Chloroethane	101
Freon 11	86
Ethanol	79
Freon 113	91
1,1-Dichloroethene	100
Acetone	98
2-Propanol	95
Carbon Disulfide	109
3-Chloropropene	105
Methylene Chloride	96
Methyl tert-butyl ether	78
trans-1,2-Dichloroethene	101
Hexane	93
1,1-Dichloroethane	93
2-Butanone (Methyl Ethyl Ketone)	98
cis-1,2-Dichloroethene	91
Tetrahydrofuran	95
Chloroform	94
1,1,1-Trichloroethane	87
Cyclohexane	93
Carbon Tetrachloride	88
2,2,4-Trimethylpentane	101
Benzene	93
1,2-Dichloroethane	88
Heptane	97
Trichloroethene	89
1,2-Dichloropropane	102
1,4-Dioxane	97
Bromodichloromethane	94
cis-1,3-Dichloropropene	96
4-Methyl-2-pentanone	104
Toluene	99
trans-1,3-Dichloropropene	92
1,1,2-Trichloroethane	92
Tetrachloroethene	87
2-Hexanone	100

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Client Sample ID: LCSD

Lab ID#: 1305065A-23AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p050804**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/8/13 10:48 AM**

Compound	%Recovery
Dibromochloromethane	91
1,2-Dibromoethane (EDB)	96
Chlorobenzene	96
Ethyl Benzene	97
m,p-Xylene	98
o-Xylene	98
Styrene	100
Bromoform	92
Cumene	96
1,1,2,2-Tetrachloroethane	103
Propylbenzene	100
4-Ethyltoluene	100
1,3,5-Trimethylbenzene	101
1,2,4-Trimethylbenzene	98
1,3-Dichlorobenzene	99
1,4-Dichlorobenzene	96
alpha-Chlorotoluene	97
1,2-Dichlorobenzene	100
1,2,4-Trichlorobenzene	102
Hexachlorobutadiene	99
Butane	98
Isopentane	98

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	107	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	100	70-130

1305065

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ UBBS
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian

INCIDENT # (ENV. SERVICES): 9 7 2 1 6 6 4 0 ☐ CHECK IF NO INCIDENT # APPLIES

DATE 05/01/13

PO #:

SAP #: 3 4 0 0 6 1

PAGE: 1 of 2

LOG CODE

RAMP, INT COMPANY: URS CORPORATION

SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA | State: IL | GLOBAL ID NO.:

ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST. LOUIS, MO 63110

EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis | PHONE NO.: 314-743-4179 | E-MAIL: Elizabeth_Kunkel@URSCorp.com | CONSULTANT PROJECT NAME: Roxana Soil Vapor

Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719

C. Williams, M. Mansker, B. Lehan, E. Arthur, L. Rathnow, S. Fisher

TELEPHONE: 314-429-0100 | FAX: 314-429-0462 | Bill To Contact E-MAIL: Robert.Mooshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946					
	VMP-9-5-050113	05/01/13	0850-0920	36397	-29.5	-9			X	X						
	VMP-9-11.5-050113	05/01/13	0938-1010	3028	-29.5	-9			X	X						
	VMP-9-25.5-050113	05/01/13	1033-1103	37310	-29.5	-9.5			X	X						
	VMP-9-25.5-050113-Dup	05/01/13	1033-1103	34141	-29	-10			X	X						
	VMP-9-38.5-050113	05/01/13	1127-1158	36471	-29.5	-10			X	X						
	VMP-10-5-043013	04/30/13	1312-1342	37724	-29	-10			X	X						
	VMP-10-10-043013	04/30/13	1358-1431	15761	-28.5	-9			X	X						
	VMP-10-20-043013	04/30/13	1447-1521	37740	-29	-9			X	X						
	VMP-10-30-043013	04/30/13	1535-1607	37748	-29.5	-8			X	X						
	VMP-17-5-050113	05/01/13	0946-1019	36458	-30	-8.5			X	X						

Turn Around Time: ☑ Normal ☐ Rush ☐ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

ADDITIONAL NOTES:

- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

FedEx
Custody Seal Intact?
(Y) N None Temp NA

Relinquished by (Signature)	Received by (Signature)	Date	Time
	FEDEX	5/1/13	1730
Relinquished by (Signature)	Received by (Signature) Katie Decker ATL	05/02/13	1000
Relinquished by (Signature)	Received by (Signature)	Date	Time

05/2/06 Revision

1305065

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian
PO #:
INCIDENT # (ENV SERVICES): 9 7 2 1 0 5 4 0
SAP #: 3 4 0 0 6 1
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 05/01/13
PAGE 2 of 2

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
GITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA
State: IL
GLOBAL ID NO:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST. LOUIS, MO 63110
Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
CC DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO: 314-743-4179
E-MAIL: Elizabeth_Kunkel@URSCorp.com
CONSULTANT PROJECT NAME/#: Roxana Soil Vapor
TELEPHONE: 314-429-0100
FAX: 314-429-0462
CC To Contact E-MAIL: Robert.Mooshegian@urs.com
C. Williams, M. Mansker, B. Lohan, E. Arthur, L. Ratinow, S. Fisher.

TURNAROUND TIME (CALENDAR DAYS)
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:
DELIVERABLES ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

Turn Around Time: ☑ Normal ☐ Rush ☐ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
11A	VMP-13-5-050113	05/01/13	0833-0905	8008	-29	-7.5			X	X	
12A	VMP-13-10.5-050113	05/01/13	0920-0952	1006	-28	-7.5			X	X	
13A	VMP-13-21.5-050113	05/01/13	1011-1043	8042	-30	-9			X	X	
14A	VMP-13-29.5-050113	05/01/13	1057-1127	1732	-29	-9.5			X	X	
15A	VMP-18-8.5-050113	05/01/13	1056-1128	36459	-30	-10.5			X	X	
16A	VMP-19-5-043013	04/30/13	1600-1630	37387	-30	-11			X	X	
17A	VMP-42-10-043013	04/30/13	1333-1405	37727	-29	-9.5			X	X	
18A	VMP-42-20-043013	04/30/13	1423-1453	37731	-29.5	-10			X	X	
19A	VMP-42-30-043013	04/30/13	1509-1545	36538	-29	-8			X	X	
20A	VMP-44-30-043013	04/30/13	1430-1500	36450	-30	-10.5			X	X	

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

FedEx
Custody Seal Intact?
(Y) N None Temp NA

Relinquished by: (Signature)	Received by: (Signature) FEDEX	Date: 5/1/13	Time: 1730
Relinquished by: (Signature)	Received by: (Signature) Katie Decker ATL	Date: 05/02/13	Time: 1000
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

05/2/09 Revision

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5/19/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305065B

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/2/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1305065B

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/02/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/19/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-9-5-050113	Modified ASTM D-1946	9.4 "Hg	15 psi
02A	VMP-9-11.5-050113	Modified ASTM D-1946	9.6 "Hg	15.4 psi
03A	VMP-9-25.5-050113	Modified ASTM D-1946	10.2 "Hg	14.6 psi
04A	VMP-9-25.5-050113-Dup	Modified ASTM D-1946	10.4 "Hg	15.1 psi
05A	VMP-9-38.5-050113	Modified ASTM D-1946	10.8 "Hg	14.4 psi
06A	VMP-10-5-043013	Modified ASTM D-1946	11.4 "Hg	14.6 psi
07A	VMP-10-10-043013	Modified ASTM D-1946	9.4 "Hg	14.6 psi
08A	VMP-10-20-043013	Modified ASTM D-1946	10.4 "Hg	15.1 psi
09A	VMP-10-30-043013	Modified ASTM D-1946	9 "Hg	15 psi
10A	VMP-17-5-050113	Modified ASTM D-1946	8.8 "Hg	15.1 psi
11A	VMP-13-5-050113	Modified ASTM D-1946	7.8 "Hg	14.9 psi
12A	VMP-13-10.5-050113	Modified ASTM D-1946	8.4 "Hg	14.9 psi
13A	VMP-13-21.5-050113	Modified ASTM D-1946	9.6 "Hg	14.8 psi
14A	VMP-13-29.5-050113	Modified ASTM D-1946	10.8 "Hg	14.8 psi
15A	VMP-18-8.5-050113	Modified ASTM D-1946	10.4 "Hg	14.9 psi
16A	VMP-19-5-043013	Modified ASTM D-1946	11.2 "Hg	14.7 psi
17A	VMP-42-10-043013	Modified ASTM D-1946	10 "Hg	15.2 psi
18A	VMP-42-20-043013	Modified ASTM D-1946	10.6 "Hg	14.5 psi
19A	VMP-42-30-043013	Modified ASTM D-1946	8.4 "Hg	14.8 psi
20A	VMP-44-30-043013	Modified ASTM D-1946	10.6 "Hg	14.7 psi
21A	Lab Blank	Modified ASTM D-1946	NA	NA
21B	Lab Blank	Modified ASTM D-1946	NA	NA
22A	LCS	Modified ASTM D-1946	NA	NA

Continued on next page

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WORK ORDER #: 1305065B

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/02/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/19/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
22AA	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 05/19/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified ASTM D-1946
URS Corporation
Workorder# 1305065B

Twenty 1 Liter Summa Canister samples were received on May 02, 2013. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane and fixed gases in air using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Since Nitrogen is used to pressurize samples, the reported Nitrogen values are calculated by adding all the sample components and subtracting from 100%.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*ASTM D-1946*	*ATL Modifications*
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the ealibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

The reporting limit for Nitrogen was raised from 0.1% to 0.5%.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-9-5-050113

Lab ID#: 1305065B-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	21
Nitrogen	1.5	79
Methane	0.00029	0.00013 J
Carbon Dioxide	0.029	0.065
Helium	0.15	0.056 J

Client Sample ID: VMP-9-11.5-050113

Lab ID#: 1305065B-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	20
Nitrogen	1.5	79
Carbon Dioxide	0.030	0.26
Helium	0.15	0.26

Client Sample ID: VMP-9-25.5-050113

Lab ID#: 1305065B-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	20
Nitrogen	1.5	79
Carbon Dioxide	0.030	0.60
Helium	0.15	0.023 J

Client Sample ID: VMP-9-25.5-050113-Dup

Lab ID#: 1305065B-04A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	20
Nitrogen	1.6	79
Carbon Dioxide	0.031	0.61
Helium	0.16	0.022 J

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-9-38.5-050113

Lab ID#: 1305065B-05A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	18
Nitrogen	1.6	78
Carbon Dioxide	0.031	4.0
Helium	0.16	0.040 J

Client Sample ID: VMP-10-5-043013

Lab ID#: 1305065B-06A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	21
Nitrogen	1.6	79
Carbon Dioxide	0.032	0.20
Helium	0.16	0.042 J

Client Sample ID: VMP-10-10-043013

Lab ID#: 1305065B-07A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	20
Nitrogen	1.4	80
Carbon Dioxide	0.029	0.23

Client Sample ID: VMP-10-20-043013

Lab ID#: 1305065B-08A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	20
Nitrogen	1.6	80
Carbon Dioxide	0.031	0.28

Client Sample ID: VMP-10-30-043013

Lab ID#: 1305065B-09A

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-10-30-043013

Lab ID#: 1305065B-09A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	19
Nitrogen	1.4	80
Carbon Dioxide	0.029	1.2

Client Sample ID: VMP-17-5-050113

Lab ID#: 1305065B-10A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	20
Nitrogen	1.4	79
Methane	0.00029	0.00011 J
Carbon Dioxide	0.029	0.53

Client Sample ID: VMP-13-5-050113

Lab ID#: 1305065B-11A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	20
Nitrogen	1.4	80
Methane	0.00027	0.000075 J
Carbon Dioxide	0.027	0.24
Helium	0.14	0.11 J

Client Sample ID: VMP-13-10.5-050113

Lab ID#: 1305065B-12A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.37	19
Nitrogen	1.9	80
Carbon Dioxide	0.037	0.27
Helium	0.19	0.97

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-13-21.5-050113

Lab ID#: 1305065B-13A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	20
Nitrogen	1.5	80
Carbon Dioxide	0.030	0.45
Helium	0.15	0.017 J

Client Sample ID: VMP-13-29.5-050113

Lab ID#: 1305065B-14A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	17
Nitrogen	1.6	80
Methane	0.00031	0.00015 J
Carbon Dioxide	0.031	2.6

Client Sample ID: VMP-18-8.5-050113

Lab ID#: 1305065B-15A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	20
Nitrogen	1.5	79
Carbon Dioxide	0.031	0.92

Client Sample ID: VMP-19-5-043013

Lab ID#: 1305065B-16A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	20
Nitrogen	1.6	80
Carbon Dioxide	0.032	0.28

Client Sample ID: VMP-42-10-043013

Lab ID#: 1305065B-17A

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-42-10-043013

Lab ID#: 1305065B-17A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	20
Nitrogen	1.5	80
Carbon Dioxide	0.030	0.36
Helium	0.15	0.027 J

Client Sample ID: VMP-42-20-043013

Lab ID#: 1305065B-18A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	20
Nitrogen	1.5	79
Carbon Dioxide	0.031	1.2

Client Sample ID: VMP-42-30-043013

Lab ID#: 1305065B-19A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	18
Nitrogen	1.4	79
Carbon Dioxide	0.028	3.2

Client Sample ID: VMP-44-30-043013

Lab ID#: 1305065B-20A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	18
Nitrogen	1.5	80
Methane	0.00031	0.00023 J
Carbon Dioxide	0.031	2.2

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Client Sample ID: VMP-9-5-050113

Lab ID#: 1305065B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051307**	**Date of Collection:**	**5/1/13 9:20:00 AM**
Dil. Factor:	**2.94**	**Date of Analysis:**	**5/13/13 10:51 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	21
Nitrogen	1.5	79
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	0.00013 J
Carbon Dioxide	0.029	0.065
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.15	0.056 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-9-11.5-050113

Lab ID#: 1305065B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10051308	Date of Collection:	5/1/13 10:10:00 AM
Dil. Factor:	3.01	Date of Analysis:	5/13/13 11:23 AM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	20
Nitrogen	1.5	79
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	Not Detected
Carbon Dioxide	0.030	0.26
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	0.26

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-9-25.5-050113

Lab ID#: 1305065B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051309**	**Date of Collection:**	**5/1/13 11:03:00 AM**
Dil. Factor:	**3.02**	**Date of Analysis:**	**5/13/13 11:45 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	20
Nitrogen	1.5	79
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	Not Detected
Carbon Dioxide	0.030	0.60
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	0.023 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-9-25.5-050113-Dup

Lab ID#: 1305065B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051310**	**Date of Collection:**	**5/1/13 11:03:00 AM**
Dil. Factor:	**3.10**	**Date of Analysis:**	**5/13/13 12:13 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	20
Nitrogen	1.6	79
Carbon Monoxide	0.031	Not Detected
Methane	0.00031	Not Detected
Carbon Dioxide	0.031	0.61
Ethane	0.0031	Not Detected
Ethene	0.0031	Not Detected
Helium	0.16	0.022 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-9-38.5-050113

Lab ID#: 1305065B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051311**	**Date of Collection: 5/1/13 11:58:00 AM**	
Dil. Factor:	**3.10**	**Date of Analysis: 5/13/13 12:59 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	18
Nitrogen	1.6	78
Carbon Monoxide	0.031	Not Detected
Methane	0.00031	Not Detected
Carbon Dioxide	0.031	4.0
Ethane	0.0031	Not Detected
Ethene	0.0031	Not Detected
Helium	0.16	0.040 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-10-5-043013

Lab ID#: 1305065B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051312**	**Date of Collection: 4/30/13 1:42:00 PM**	
Dil. Factor:	**3.22**	**Date of Analysis: 5/13/13 01:32 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	21
Nitrogen	1.6	79
Carbon Monoxide	0.032	Not Detected
Methane	0.00032	Not Detected
Carbon Dioxide	0.032	0.20
Ethane	0.0032	Not Detected
Ethene	0.0032	Not Detected
Helium	0.16	0.042 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-10-10-043013

Lab ID#: 1305065B-07A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051313**	**Date of Collection:**	**4/30/13 2:31:00 PM**
Dil. Factor:	**2.90**	**Date of Analysis:**	**5/13/13 01:59 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	20
Nitrogen	1.4	80
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	Not Detected
Carbon Dioxide	0.029	0.23
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-10-20-043013

Lab ID#: 1305065B-08A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051314**	**Date of Collection:**	**4/30/13 3:21:00 PM**
Dil. Factor:	**3.10**	**Date of Analysis:**	**5/13/13 02:32 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	20
Nitrogen	1.6	80
Carbon Monoxide	0.031	Not Detected
Methane	0.00031	Not Detected
Carbon Dioxide	0.031	0.28
Ethane	0.0031	Not Detected
Ethene	0.0031	Not Detected
Helium	0.16	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-10-30-043013

Lab ID#: 1305065B-09A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051315**	**Date of Collection: 4/30/13 4:07:00 PM**	
Dil. Factor:	**2.88**	**Date of Analysis: 5/13/13 03:14 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	19
Nitrogen	1.4	80
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	Not Detected
Carbon Dioxide	0.029	1.2
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-17-5-050113

Lab ID#: 1305065B-10A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051316**	**Date of Collection:**	**5/1/13 10:19:00 AM**
Dil. Factor:	**2.86**	**Date of Analysis:**	**5/13/13 03:36 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	20
Nitrogen	1.4	79
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	0.00011 J
Carbon Dioxide	0.029	0.53
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.14	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-13-5-050113

Lab ID#: 1305065B-11A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051317**	**Date of Collection: 5/1/13 9:05:00 AM**	
Dil. Factor:	**2.72**	**Date of Analysis: 5/13/13 04:11 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	20
Nitrogen	1.4	80
Carbon Monoxide	0.027	Not Detected
Methane	0.00027	0.000075 J
Carbon Dioxide	0.027	0.24
Ethane	0.0027	Not Detected
Ethene	0.0027	Not Detected
Helium	0.14	0.11 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-13-10.5-050113

Lab ID#: 1305065B-12A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051320**	**Date of Collection: 5/1/13 9:52:00 AM**	
Dil. Factor:	**3.74**	**Date of Analysis: 5/13/13 05:51 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.37	19
Nitrogen	1.9	80
Carbon Monoxide	0.037	Not Detected
Methane	0.00037	Not Detected
Carbon Dioxide	0.037	0.27
Ethane	0.0037	Not Detected
Ethene	0.0037	Not Detected
Helium	0.19	0.97

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-13-21.5-050113

Lab ID#: 1305065B-13A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051319**	**Date of Collection:**	**5/1/13 10:43:00 AM**
Dil. Factor:	**2.95**	**Date of Analysis:**	**5/13/13 05:13 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	20
Nitrogen	1.5	80
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	Not Detected
Carbon Dioxide	0.030	0.45
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	0.017 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-13-29.5-050113

Lab ID#: 1305065B-14A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051321**	**Date of Collection: 5/1/13 11:27:00 AM**	
Dil. Factor:	**3.14**	**Date of Analysis: 5/13/13 06:14 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	17
Nitrogen	1.6	80
Carbon Monoxide	0.031	Not Detected
Methane	0.00031	0.00015 J
Carbon Dioxide	0.031	2.6
Ethane	0.0031	Not Detected
Ethene	0.0031	Not Detected
Helium	0.16	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-18-8.5-050113

Lab ID#: 1305065B-15A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051322**	**Date of Collection:**	**5/1/13 11:28:00 AM**
Dil. Factor:	**3.08**	**Date of Analysis:**	**5/13/13 06:36 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	20
Nitrogen	1.5	79
Carbon Monoxide	0.031	Not Detected
Methane	0.00031	Not Detected
Carbon Dioxide	0.031	0.92
Ethane	0.0031	Not Detected
Ethene	0.0031	Not Detected
Helium	0.15	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-19-5-043013

Lab ID#: 1305065B-16A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051323**	**Date of Collection: 4/30/13 4:30:00 PM**	
Dil. Factor:	**3.20**	**Date of Analysis: 5/13/13 06:59 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	20
Nitrogen	1.6	80
Carbon Monoxide	0.032	Not Detected
Methane	0.00032	Not Detected
Carbon Dioxide	0.032	0.28
Ethane	0.0032	Not Detected
Ethene	0.0032	Not Detected
Helium	0.16	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-42-I0-043013

Lab ID#: 1305065B-17A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051324**	**Date of Collection: 4/30/13 2:05:00 PM**	
Dil. Factor:	**3.05**	**Date of Analysis: 5/13/13 07:34 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	20
Nitrogen	1.5	80
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	Not Detected
Carbon Dioxide	0.030	0.36
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	0.027 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-42-20-043013

Lab ID#: 1305065B-18A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10051325	Date of Collection:	4/30/13 2:53:00 PM
Dil. Factor:	3.07	Date of Analysis:	5/13/13 08:11 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	20
Nitrogen	1.5	79
Carbon Monoxide	0.031	Not Detected
Methane	0.00031	Not Detected
Carbon Dioxide	0.031	1.2
Ethane	0.0031	Not Detected
Ethene	0.0031	Not Detected
Helium	0.15	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-42-30-043013

Lab ID#: 1305065B-19A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051326**	**Date of Collection:**	**4/30/13 3:45:00 PM**
Dil. Factor:	**2.78**	**Date of Analysis:**	**5/13/13 08:37 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	18
Nitrogen	1.4	79
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	Not Detected
Carbon Dioxide	0.028	3.2
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-44-30-043013

Lab ID#: 1305065B-20A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10051327	Date of Collection:	4/30/13 3:00:00 PM
Dil. Factor:	3.09	Date of Analysis:	5/13/13 09:09 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	18
Nitrogen	1.5	80
Carbon Monoxide	0.031	Not Detected
Methane	0.00031	0.00023 J
Carbon Dioxide	0.031	2.2
Ethane	0.0031	Not Detected
Ethene	0.0031	Not Detected
Helium	0.15	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: Lab Blank

Lab ID#: 1305065B-21A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051305**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/13/13 09:54 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	0.023 J
Nitrogen	0.50	0.076 J
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected
Ethane	0.0010	Not Detected
Ethene	0.0010	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

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Client Sample ID: Lab Blank

Lab ID#: 1305065B-21B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10051304c	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/13/13 09:32 AM	

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.050	Not Detected

Container Type: NA - Not Applicable

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Client Sample ID: LCS

Lab ID#: 1305065B-22A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/13/13 09:04 AM**	

Compound	%Recovery
Oxygen	100
Nitrogen	100
Carbon Monoxide	97
Methane	98
Carbon Dioxide	100
Ethane	97
Ethene	97
Helium	101

Container Type: NA - Not Applicable

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Client Sample ID: LCSD

Lab ID#: 1305065B-22AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051329**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/13/13 09:56 PM**

Compound	%Recovery
Oxygen	97
Nitrogen	100
Carbon Monoxide	98
Methane	96
Carbon Dioxide	100
Ethane	95
Ethene	96
Helium	100

Container Type: NA - Not Applicable

1305065

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD. **Project Name: Roxana Soil Vapor** **Project # 21562850.04002** Lab Vendor #	Please Check Appropriate Box: ☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL ☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES ☐ SHELL PIPELINE ☐ OTHER	Print Bill To Contact Name: Robert Mooshegian PO #	INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0 ☐ CHECK IF NO INCIDENT # APPLIES DATE: 05/01/13 SAP #: 3 4 0 0 6 1 PAGE: 1 of 2
SAMPLING COMPANY: URS CORPORATION ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST. LOUIS, MO 63110 Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719 TELEPHONE: 314-429-0100 FAX: 314-429-0462 Bill To Contact E-MAIL: Robert.Mooshegian@urs.com	LOG CODE:	SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE -- ROXANA State: IL EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis PHONE NO: 314-743-4179 E-MAIL: Elizabeth_Kunkel@URSCorp.com C. Williams, M. Mansker, B. Lehan, E. Arthur, L. Rathnow, S. Fisher.	GLOBAL ID NO: CONSULTANT PROJECT NAME: Roxana Soil Vapor

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ 1A - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES: ☐ LEVEL 3 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946					
01A	VMP-9-5-050113	05/01/13	0850-0920	36397	-29.5	-9			X	X						
02A	VMP-9-11.5-050113	05/01/13	0938-1010	3028	-29.5	-9			X	X						
03A	VMP-9-25.5-050113	05/01/13	1033-1103	37310	-29.5	-9.5			X	X						
04A	VMP-9-25.5-050113-Dup	05/01/13	1033-1103	34141	-29	-10			X	X						
05A	VMP-9-38.5-050113	05/01/13	1127-1158	36471	-29.5	-10			X	X						
06A	VMP-10-5-043013	04/30/13	1312-1342	37724	-29	-10			X	X						
07A	VMP-10-10-043013	04/30/13	1358-1431	15761	-28.5	-9			X	X						
08A	VMP-10-20-043013	04/30/13	1447-1521	37740	-29	-9			X	X						
09A	VMP-10-30-043013	04/30/13	1535-1607	37748	-29.5	-8			X	X						
10A	VMP-17-5-050113	05/01/13	0946-1019	36458	-30	-8.5			X	X						

Turn Around Time: ☑ Normal ☐ Rush ☐ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

ADDITIONAL NOTES:

- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

FedEx
Custody Seal Intact?
(Y) N None Temp NA

Relinquished by (Signature)	Received by (Signature): FEDEX	Date: 5/1/13	Time: 1730
Relinquished by (Signature)	Received by (Signature): Katie Decker ATL	Date: 05/02/13	Time: 1000
Relinquished by (Signature)	Received by (Signature)	Date	Time

05/2/05 Revision

1305065

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RET/JIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Moosheglan
INCIDENT # (ENV SERVICES): 9 7 2 1 0 8 4 0
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 05/01/13
PAGE: 2 of 2
PO #
SAP #: 3 4 0 0 6 1

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA
State: IL
GLOBAL ID NO:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST. LOUIS, MO 63110
EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St Louis
PHONE NO: 314-743-4179
E-MAIL: Elizabeth_Kunkel@URSCorp.com
CONSULTANT PROJECT NAME: Roxana Soil Vapor
Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
C. Williams, M. Mansker, B. Lehan, E. Arthur, L. Rathnow, S. Fisher.
TELEPHONE: 314-429-0100
FAX: 314-429-0462
Bill To Contact E-MAIL: Robert.Moosheglan@urs.com

TURNAROUND TIME (CALENDAR DAYS)
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:
DELIVERABLES ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

Turn Around Time: ☑ Normal ☐ Rush ☐ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N2 He

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
11A	VMP-13-5-050113	05/01/13	0833-0905	8006	-29	-7.5			X	X	
12A	VMP-13-10.5-050113	05/01/13	0920-0952	1006	-28	-7.5			X	X	
13A	VMP-13-21.5-050113	05/01/13	1011-1043	8042	-30	-9			X	X	
14A	VMP-13-28.5-050113	05/01/13	1057-1127	1732	-29	-9.5			X	X	
15A	VMP-18-8.5-050113	05/01/13	1056-1128	36459	-30	-10.5			X	X	
16A	VMP-19-5-043013	04/30/13	1600-1630	37387	-30	-11			X	X	
17A	VMP-42-10-043013	04/30/13	1393-1405	37727	-29	-9.5			X	X	
18A	VMP-42-20-043013	04/30/13	1423-1453	37731	-29.5	-10			X	X	
19A	VMP-42-30-043013	04/30/13	1509-1545	36538	-29	-8			X	X	
20A	VMP-44-30-043013	04/30/13	1430-1500	36450	-30	-10.5			X	X	

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

FedEx
Custody Seal Intact?
(Y) N None Temp NA

	Received by (Signature)	Date	Time
Relinquished by (Signature)	FEDEX	5/1/13	1730
Relinquished by (Signature)	Katie Decker ATL	05/02/13	1000
Relinquished by (Signature)		Date	Time

05/2013 Revision

Roxana Soil Vapor Quarterly – 2nd Quarter 2013 Data Review

Laboratory SDG: 1305088A,B

Data Reviewer: Melissa Mansker

Peer Reviewer: Elizabeth Kunkel

Date Reviewed: 6/18/2013

Guidance: USEPA National Functional Guidelines for Superfund Organic Methods Data Review 2008

Sample Identification	Sample Identification
VMP-14-20-050113	VMP-14-20-050113-Dup
VMP-14-29-050213	

1.0 Data Package Completeness

Were all items delivered as specified in the QAPP and COC as appropriate?

Yes

2.0 Laboratory Case Narrative \ Cooler Receipt Form

Were problems noted in the laboratory case narrative or cooler receipt form?

Yes, the laboratory case narrative indicated samples VMP-14-20-050113 and VMP-14-29-050213 were diluted and re-analyzed to bring the highest level target analytes within the calibration range of the instrument. Results for the highest level target analytes were reported from the re-analysis diluted runs and the remaining compounds were reported from the original analyses. Samples were diluted due to high levels of target analytes. The TO-15 LCS/LCSD recoveries for bromomethane were outside evaluation criteria. Although not indicated in the laboratory case narrative, analytes were detected in the method blank. Several analytes were qualified due to the field duplicate RPD outside evaluation criteria in field duplicate pair VMP-14-20-050113/VMP-14-20-050113-Dup. These issues are addressed further in the appropriate sections below.

No issues or discrepancies were noted in the cooler receipt form.

3.0 Holding Times

Were samples extracted/analyzed within applicable limits?

Yes

4.0 Blank Contamination

Were any analytes detected in the Blanks?

Yes

Blank ID	Parameter	Analyte	Concentration/ Amount
1305088A-04A	TO-15	Acetone	0.93 ppbv / 2.2 µg/m^3
1305088A-04A	TO-15	1,2-Dibromoethane (EDB)	0.088 ppbv / 0.68 µg/m^3
1305088A-04A	TO-15	Bromoform	0.10 ppbv / 1.0 µg/m^3
1305088A-04A	TO-15	1,1,2,2-Tetrachloroethane	0.14 ppbv / 0.97 µg/m^3

Blank ID	Parameter	Analyte	Concentration/ Amount
1305088A-04A	TO-15	1,2,4-Trimethylbenzene	0.089 ppbv / 0.44 µg/m^3
1305088A-04A	TO-15	1,3-Dichlorobenzene	0.21 ppbv / 1.2 µg/m^3
1305088A-04A	TO-15	1,4-Dichlorobenzene	0.26 ppbv / 1.6 µg/m^3
1305088A-04A	TO-15	alpha-Chlorotoluene	0.18 ppbv / 0.96 µg/m^3
1305088A-04A	TO-15	1,2-Dichlorobenzene	0.22 ppbv / 1.3 µg/m^3
1305088A-04A	TO-15	1,2,4-Trichlorobenzene	0.67 ppbv / 5.0 µg/m^3
1305088B-04A	Natural gases	Nitrogen	0.075%

Analytical data that were reported non-detect or at concentrations greater than five times (5X) the associated blank concentration did not require qualification. No qualification of data was required.

5.0 Laboratory Control Sample

Were LCS recoveries within evaluation criteria?

No

LCS/LCSD ID	Parameter	Analyte	LCS/LCSD Recovery	LCS/ LCSD RPD	LCS/LCSD /RPD Criteria
1305088A-06A/AA	TO-15	Bromomethane	**136/133**	2	70-130/25

Analytical data reported as non-detect and associated with LCS recoveries above evaluation criteria, indicating a possible high bias, did not require qualification. No qualification of data was required.

6.0 Surrogate Recoveries

Were surrogate recoveries within evaluation criteria?

Yes

7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

Were MS/MSD samples analyzed as part of this SDG?

MS/MSD samples are not applicable for vapor samples, due to the inability to spike the samples.

8.0 Laboratory Duplicate Results

Were laboratory duplicate samples collected as part of this SDG?

No

9.0 Field Duplicate Results

Were field duplicate samples collected as part of this SDG?

Yes

Field ID	Field Duplicate ID
VMP-14-20-050113	VMP-14-20-050113-Dup

Were field duplicate sample RPDs within evaluation criteria?

No

Field ID	Field Duplicate ID	Parameter	Analyte	RPD	Qualification
VMP-14-20-050113	VMP-14-20-050113-Dup	TO-15	Cyclohexane	**97**	**J/J**
VMP-14-20-050113	VMP-14-20-050113-Dup	TO-15	2,2,4-Trimethylpentane	**97**	**J/J**
VMP-14-20-050113	VMP-14-20-050113-Dup	TO-15	Benzene	**93**	**J/J**
VMP-14-20-050113	VMP-14-20-050113-Dup	TO-15	Butane	**92**	**J/J**
VMP-14-20-050113	VMP-14-20-050113-Dup	TO-15	Isopentane	**96**	**J/J**
VMP-14-20-050113	VMP-14-20-050113-Dup	Natural gases	Methane	**79**	**J/J**

10.0 Sample Dilutions

For samples that were diluted and nondetect, were undiluted results also reported?

Not applicable; analytes were detected in samples that were diluted.

11.0 Additional Qualifications

Were additional qualifications applied?

No

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5/15/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305088A

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/6/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

Reviewed on 6/18/2013

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WORK ORDER #: 1305088A

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/06/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/14/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-14-20-050113	Modified TO-15	10 "Hg	15.1 psi
01B	VMP-14-20-050113	Modified TO-15	10 "Hg	15.1 psi
02A	VMP-14-20-050113-Dup	Modified TO-15	10 "Hg	15.1 psi
03A	VMP-14-29-050213	Modified TO-15	10 "Hg	14.6 psi
03B	VMP-14-29-050213	Modified TO-15	10 "Hg	14.6 psi
04A	Lab Blank	Modified TO-15	NA	NA
05A	CCV	Modified TO-15	NA	NA
06A	LCS	Modified TO-15	NA	NA
06AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 05/15/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 956?
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
URS Corporation
Workorder# 1305088A

Three 1 Liter Summa Canister samples were received on May 06, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per client project requirements, the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified (0.2 ppbv for compounds reported at 0.5 ppbv and 0.8 ppbv for compounds reported at 2.0 ppbv) may be false positives.

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

Dilution was performed on samples VMP-14-20-050113, VMP-14-20-050113-Dup and VMP-14-29-050213 due to the presence of high level target species.

Due to high-level target compounds, sample VMP-14-20-050113 and VMP-14-29-050213 were analyzed twice. In the "A" fraction, the sample was diluted to bring the highest-level compounds within the calibration range. The "B" fraction is also reported by client request and may be reported with "E" flags indicating the compound exceeds the calibration range. Both runs and associated QC are reported.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-14-20-050113 *Use these results only. All other data was reported from the 304x dilution analysis

Lab ID#: 1305088A-01A

DF = 40.5

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)	
Hexane	20	29	71	100	
Cyclohexane	20	220	70	760	
2,2,4-Trimethylpentane	20	340	94	1600	
* Benzene	20	7200	65	23000	J
Butane	81	2100	190	5000	
Isopentane	81	4400	240	13000	

Client Sample ID: VMP-14-20-050113 *Do not use this data. Use all other data

Lab ID#: 1305088A-01B

DF = 304

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)	
Hexane	15	31	54	110	
Cyclohexane	15	210	52	730	J
2,2,4-Trimethylpentane	15	320	71	1500	J
* ~~Benzene~~	~~15~~	~~7000 E~~	~~48~~	~~22000 E~~	
Butane	61	2000	140	4800	J
Isopentane	61	4400	180	13000	J

Client Sample ID: VMP-14-20-050113-Dup

Lab ID#: 1305088A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)	
Hexane	61	90	210	320	
Cyclohexane	61	600	210	2100	J
2,2,4-Trimethylpentane	61	920	280	4300	J
Benzene	61	20000	190	63000	J
Butane	240	5600	580	13000	J
Isopentane	240	12000	720	37000	J

Client Sample ID: VMP-14-29-050213 *Use these results only. All other data was reported from the 19700x dilution analysis.

Lab ID#: 1305088A-03A

DF = 59800

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-14-29-050213

Lab ID#: 1305088A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Hexane	30000	300000	100000	1100000
Cyclohexane	30000	97000	100000	330000
2,2,4-Trimethylpentane	30000	110000	140000	500000
* Benzene	30000	9300000	96000	30000000
Heptane	30000	41000	120000	170000
Butane	120000	800000	280000	1900000
Isopentane	120000	1700000	350000	5100000

Client Sample ID: VMP-14-29-050213 * Do not use this data. Use all other data

Lab ID#: 1305088A-03B

DF: 19900

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Hexane	10000	320000	35000	1100000
Cyclohexane	10000	100000	34000	340000
2,2,4-Trimethylpentane	10000	120000	46000	560000
* ~~Benzene~~	~~10000~~	~~9800000 E~~	~~32000~~	~~31000000 E~~
Heptane	10000	46000	41000	190000
Ethyl Benzene	10000	2900 J	43000	13000 J
m,p-Xylene	10000	4300 J	43000	19000 J
Butane	40000	830000	95000	2000000
Isopentane	40000	1800000	120000	5300000

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*Use these results only. All other data was reported from the 30.4x dilution analysis

Client Sample ID: VMP-14-20-050113

Lab ID#: 1305088A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050907**	**Date of Collection: 5/1/13 3:50:00 PM**	
Dil. Factor:	**40.5**	**Date of Analysis: 5/9/13 01:16 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)	
Freon 12	20	Not Detected	100	Not Detected	
Freon 114	20	Not Detected	140	Not Detected	
Chloromethane	200	Not Detected	420	Not Detected	
Vinyl Chloride	20	Not Detected	52	Not Detected	
1,3-Butadiene	20	Not Detected	45	Not Detected	
Bromomethane	200	Not Detected	790	Not Detected	
Chloroethane	81	Not Detected	210	Not Detected	
Freon 11	20	Not Detected	110	Not Detected	
Ethanol	81	Not Detected	150	Not Detected	
Freon 113	20	Not Detected	160	Not Detected	
1,1-Dichloroethene	20	Not Detected	80	Not Detected	
Acetone	200	Not Detected	480	Not Detected	
2-Propanol	81	Not Detected	200	Not Detected	
Carbon Disulfide	81	Not Detected	250	Not Detected	
3-Chloropropene	81	Not Detected	250	Not Detected	
Methylene Chloride	200	Not Detected	700	Not Detected	
Methyl tert-butyl ether	20	Not Detected	73	Not Detected	
trans-1,2-Dichloroethene	20	Not Detected	80	Not Detected	
Hexane	20	29	71	100	
1,1-Dichloroethane	20	Not Detected	82	Not Detected	
2-Butanone (Methyl Ethyl Ketone)	81	Not Detected	240	Not Detected	
cis-1,2-Dichloroethene	20	Not Detected	80	Not Detected	
Tetrahydrofuran	20	Not Detected	60	Not Detected	
Chloroform	20	Not Detected	99	Not Detected	
1,1,1-Trichloroethane	20	Not Detected	110	Not Detected	
Cyclohexane	20	220	70	760	
Carbon Tetrachloride	20	Not Detected	130	Not Detected	
2,2,4-Trimethylpentane	20	340	94	1600	
* Benzene	20	7200	65	23000	J
1,2-Dichloroethane	20	Not Detected	82	Not Detected	
Heptane	20	Not Detected	83	Not Detected	
Trichloroethene	20	Not Detected	110	Not Detected	
1,2-Dichloropropane	20	Not Detected	94	Not Detected	
1,4-Dioxane	81	Not Detected	290	Not Detected	
Bromodichloromethane	20	Not Detected	140	Not Detected	
cis-1,3-Dichloropropene	20	Not Detected	92	Not Detected	
4-Methyl-2-pentanone	20	Not Detected	83	Not Detected	
Toluene	20	Not Detected	76	Not Detected	
trans-1,3-Dichloropropene	20	Not Detected	92	Not Detected	
1,1,2-Trichloroethane	20	Not Detected	110	Not Detected	
Tetrachloroethene	20	Not Detected	140	Not Detected	
2-Hexanone	81	Not Detected	330	Not Detected	

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Client Sample ID: VMP-14-20-050113

Lab ID#: 1305088A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050907**	**Date of Collection: 5/1/13 3:50:00 PM**	
Dil. Factor:	**40.5**	**Date of Analysis: 5/9/13 01:16 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	20	Not Detected	170	Not Detected
1,2-Dibromoethane (EDB)	20	Not Detected	160	Not Detected
Chlorobenzene	20	Not Detected	93	Not Detected
Ethyl Benzene	20	Not Detected	88	Not Detected
m,p-Xylene	20	Not Detected	88	Not Detected
o-Xylene	20	Not Detected	88	Not Detected
Styrene	20	Not Detected	86	Not Detected
Bromoform	20	Not Detected	210	Not Detected
Cumene	20	Not Detected	100	Not Detected
1,1,2,2-Tetrachloroethane	20	Not Detected	140	Not Detected
Propylbenzene	20	Not Detected	100	Not Detected
4-Ethyltoluene	20	Not Detected	100	Not Detected
1,3,5-Trimethylbenzene	20	Not Detected	100	Not Detected
1,2,4-Trimethylbenzene	20	Not Detected	100	Not Detected
1,3-Dichlorobenzene	20	Not Detected	120	Not Detected
1,4-Dichlorobenzene	20	Not Detected	120	Not Detected
alpha-Chlorotoluene	20	Not Detected	100	Not Detected
1,2-Dichlorobenzene	20	Not Detected	120	Not Detected
1,2,4-Trichlorobenzene	81	Not Detected	600	Not Detected
Hexachlorobutadiene	81	Not Detected	860	Not Detected
Butane	81	2100	190	5000
Isopentane	81	4400	240	13000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	87	70-130
4-Bromofluorobenzene	95	70-130

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*Do not use this data. Use all other data.

Client Sample ID: VMP-14-20-050113

Lab ID#: 1305088A-01B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	2050906	Date of Collection:	5/1/13 3:50:00 PM
Dil. Factor:	30.4	Date of Analysis:	5/9/13 12:34 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	15	Not Detected	75	Not Detected
Freon 114	15	Not Detected	110	Not Detected
Chloromethane	150	Not Detected	310	Not Detected
Vinyl Chloride	15	Not Detected	39	Not Detected
1,3-Butadiene	15	Not Detected	34	Not Detected
Bromomethane	150	Not Detected	590	Not Detected
Chloroethane	61	Not Detected	160	Not Detected
Freon 11	15	Not Detected	85	Not Detected
Ethanol	61	Not Detected	110	Not Detected
Freon 113	15	Not Detected	120	Not Detected
1,1-Dichloroethene	15	Not Detected	60	Not Detected
Acetone	150	Not Detected	360	Not Detected
2-Propanol	61	Not Detected	150	Not Detected
Carbon Disulfide	61	Not Detected	190	Not Detected
3-Chloropropene	61	Not Detected	190	Not Detected
Methylene Chloride	150	Not Detected	530	Not Detected
Methyl tert-butyl ether	15	Not Detected	55	Not Detected
trans-1,2-Dichloroethene	15	Not Detected	60	Not Detected
Hexane	15	31	54	110
1,1-Dichloroethane	15	Not Detected	62	Not Detected
2-Butanone (Methyl Ethyl Ketone)	61	Not Detected	180	Not Detected
cis-1,2-Dichloroethene	15	Not Detected	60	Not Detected
Tetrahydrofuran	15	Not Detected	45	Not Detected
Chloroform	15	Not Detected	74	Not Detected
1,1,1-Trichloroethane	15	Not Detected	83	Not Detected
Cyclohexane	15	210	52	730 J
Carbon Tetrachloride	15	Not Detected	96	Not Detected
2,2,4-Trimethylpentane	15	320	71	1500 J
* ~~Benzene~~	~~15~~	~~7000 E~~	~~48~~	~~22000 E~~
1,2-Dichloroethane	15	Not Detected	62	Not Detected
Heptane	15	Not Detected	62	Not Detected
Trichloroethene	15	Not Detected	82	Not Detected
1,2-Dichloropropane	15	Not Detected	70	Not Detected
1,4-Dioxane	61	Not Detected	220	Not Detected
Bromodichloromethane	15	Not Detected	100	Not Detected
cis-1,3-Dichloropropene	15	Not Detected	69	Not Detected
4-Methyl-2-pentanone	15	Not Detected	62	Not Detected
Toluene	15	Not Detected	57	Not Detected
trans-1,3-Dichloropropene	15	Not Detected	69	Not Detected
1,1,2-Trichloroethane	15	Not Detected	83	Not Detected
Tetrachloroethene	15	Not Detected	100	Not Detected
2-Hexanone	61	Not Detected	250	Not Detected

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Client Sample ID: VMP-14-20-050113

Lab ID#: 1305088A-01B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050906**	**Date of Collection: 5/1/13 3:50:00 PM**	
Dil. Factor:	**30.4**	**Date of Analysis: 5/9/13 12:34 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	15	Not Detected	130	Not Detected
1,2-Dibromoethane (EDB)	15	Not Detected	120	Not Detected
Chlorobenzene	15	Not Detected	70	Not Detected
Ethyl Benzene	15	Not Detected	66	Not Detected
m,p-Xylene	15	Not Detected	66	Not Detected
o-Xylene	15	Not Detected	66	Not Detected
Styrene	15	Not Detected	65	Not Detected
Bromoform	15	Not Detected	160	Not Detected
Cumene	15	Not Detected	75	Not Detected
1,1,2,2-Tetrachloroethane	15	Not Detected	100	Not Detected
Propylbenzene	15	Not Detected	75	Not Detected
4-Ethyltoluene	15	Not Detected	75	Not Detected
1,3,5-Trimethylbenzene	15	Not Detected	75	Not Detected
1,2,4-Trimethylbenzene	15	Not Detected	75	Not Detected
1,3-Dichlorobenzene	15	Not Detected	91	Not Detected
1,4-Dichlorobenzene	15	Not Detected	91	Not Detected
alpha-Chlorotoluene	15	Not Detected	79	Not Detected
1,2-Dichlorobenzene	15	Not Detected	91	Not Detected
1,2,4-Trichlorobenzene	61	Not Detected	450	Not Detected
Hexachlorobutadiene	61	Not Detected	650	Not Detected
Butane	61	2000	140	4800 J
Isopentane	61	4400	180	13000 J

E = Exceeds instrument calibration range.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: VMP-14-20-050113-Dup

Lab ID#: 1305088A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050908**	**Date of Collection: 5/1/13 3:50:00 PM**	
Dil. Factor:	**122**	**Date of Analysis: 5/9/13 02:05 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	61	Not Detected	300	Not Detected
Freon 114	61	Not Detected	430	Not Detected
Chloromethane	610	Not Detected	1200	Not Detected
Vinyl Chloride	61	Not Detected	160	Not Detected
1,3-Butadiene	61	Not Detected	130	Not Detected
Bromomethane	610	Not Detected	2400	Not Detected
Chloroethane	240	Not Detected	640	Not Detected
Freon 11	61	Not Detected	340	Not Detected
Ethanol	240	Not Detected	460	Not Detected
Freon 113	61	Not Detected	470	Not Detected
1,1-Dichloroethene	61	Not Detected	240	Not Detected
Acetone	610	Not Detected	1400	Not Detected
2-Propanol	240	Not Detected	600	Not Detected
Carbon Disulfide	240	Not Detected	760	Not Detected
3-Chloropropene	240	Not Detected	760	Not Detected
Methylene Chloride	610	Not Detected	2100	Not Detected
Methyl tert-butyl ether	61	Not Detected	220	Not Detected
trans-1,2-Dichloroethene	61	Not Detected	240	Not Detected
Hexane	61	90	210	320
1,1-Dichloroethane	61	Not Detected	250	Not Detected
2-Butanone (Methyl Ethyl Ketone)	240	Not Detected	720	Not Detected
cis-1,2-Dichloroethene	61	Not Detected	240	Not Detected
Tetrahydrofuran	61	Not Detected	180	Not Detected
Chloroform	61	Not Detected	300	Not Detected
1,1,1-Trichloroethane	61	Not Detected	330	Not Detected
Cyclohexane	61	600	210	2100 J
Carbon Tetrachloride	61	Not Detected	380	Not Detected
2,2,4-Trimethylpentane	61	920	280	4300 J
Benzene	61	20000	190	63000 J
1,2-Dichloroethane	61	Not Detected	250	Not Detected
Heptane	61	Not Detected	250	Not Detected
Trichloroethene	61	Not Detected	330	Not Detected
1,2-Dichloropropane	61	Not Detected	280	Not Detected
1,4-Dioxane	240	Not Detected	880	Not Detected
Bromodichloromethane	61	Not Detected	410	Not Detected
cis-1,3-Dichloropropene	61	Not Detected	280	Not Detected
4-Methyl-2-pentanone	61	Not Detected	250	Not Detected
Toluene	61	Not Detected	230	Not Detected
trans-1,3-Dichloropropene	61	Not Detected	280	Not Detected
1,1,2-Trichloroethane	61	Not Detected	330	Not Detected
Tetrachloroethene	61	Not Detected	410	Not Detected
2-Hexanone	240	Not Detected	1000	Not Detected

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Client Sample ID: VMP-14-20-050113-Dup

Lab ID#: 1305088A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050908**	**Date of Collection: 5/1/13 3:50:00 PM**	
Dil. Factor:	**122**	**Date of Analysis: 5/9/13 02:05 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	61	Not Detected	520	Not Detected
1,2-Dibromoethane (EDB)	61	Not Detected	470	Not Detected
Chlorobenzene	61	Not Detected	280	Not Detected
Ethyl Benzene	61	Not Detected	260	Not Detected
m,p-Xylene	61	Not Detected	260	Not Detected
o-Xylene	61	Not Detected	260	Not Detected
Styrene	61	Not Detected	260	Not Detected
Bromoform	61	Not Detected	630	Not Detected
Cumene	61	Not Detected	300	Not Detected
1,1,2,2-Tetrachloroethane	61	Not Detected	420	Not Detected
Propylbenzene	61	Not Detected	300	Not Detected
4-Ethyltoluene	61	Not Detected	300	Not Detected
1,3,5-Trimethylbenzene	61	Not Detected	300	Not Detected
1,2,4-Trimethylbenzene	61	Not Detected	300	Not Detected
1,3-Dichlorobenzene	61	Not Detected	370	Not Detected
1,4-Dichlorobenzene	61	Not Detected	370	Not Detected
alpha-Chlorotoluene	61	Not Detected	320	Not Detected
1,2-Dichlorobenzene	61	Not Detected	370	Not Detected
1,2,4-Trichlorobenzene	240	Not Detected	1800	Not Detected
Hexachlorobutadiene	240	Not Detected	2600	Not Detected
Butane	240	5600	580	13000 J
Isopentane	240	12000	720	37000 J

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	86	70-130
4-Bromofluorobenzene	95	70-130

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*Use these results only. All other data was reported from the 19900x dilution analysis

Client Sample ID: VMP-14-29-050213

Lab ID#: 1305088A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050917**	**Date of Collection: 5/2/13 2:16:00 PM**	
Dil. Factor:	**59800**	**Date of Analysis: 5/9/13 10:06 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	30000	Not Detected	150000	Not Detected
Freon 114	30000	Not Detected	210000	Not Detected
Chloromethane	300000	Not Detected	620000	Not Detected
Vinyl Chloride	30000	Not Detected	76000	Not Detected
1,3-Butadiene	30000	Not Detected	66000	Not Detected
Bromomethane	300000	Not Detected	1200000	Not Detected
Chloroethane	120000	Not Detected	320000	Not Detected
Freon 11	30000	Not Detected	170000	Not Detected
Ethanol	120000	Not Detected	220000	Not Detected
Freon 113	30000	Not Detected	230000	Not Detected
1,1-Dichloroethene	30000	Not Detected	120000	Not Detected
Acetone	300000	Not Detected	710000	Not Detected
2-Propanol	120000	Not Detected	290000	Not Detected
Carbon Disulfide	120000	Not Detected	370000	Not Detected
3-Chloropropene	120000	Not Detected	370000	Not Detected
Methylene Chloride	300000	Not Detected	1000000	Not Detected
Methyl tert-butyl ether	30000	Not Detected	110000	Not Detected
trans-1,2-Dichloroethene	30000	Not Detected	120000	Not Detected
Hexane	30000	300000	100000	1100000
1,1-Dichloroethane	30000	Not Detected	120000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	120000	Not Detected	350000	Not Detected
cis-1,2-Dichloroethene	30000	Not Detected	120000	Not Detected
Tetrahydrofuran	30000	Not Detected	88000	Not Detected
Chloroform	30000	Not Detected	150000	Not Detected
1,1,1-Trichloroethane	30000	Not Detected	160000	Not Detected
Cyclohexane	30000	97000	100000	330000
Carbon Tetrachloride	30000	Not Detected	190000	Not Detected
2,2,4-Trimethylpentane	30000	110000	140000	500000
* Benzene	30000	9300000	96000	30000000
1,2-Dichloroethane	30000	Not Detected	120000	Not Detected
Heptane	30000	41000	120000	170000
Trichloroethene	30000	Not Detected	160000	Not Detected
1,2-Dichloropropane	30000	Not Detected	140000	Not Detected
1,4-Dioxane	120000	Not Detected	430000	Not Detected
Bromodichloromethane	30000	Not Detected	200000	Not Detected
cis-1,3-Dichloropropene	30000	Not Detected	140000	Not Detected
4-Methyl-2-pentanone	30000	Not Detected	120000	Not Detected
Toluene	30000	Not Detected	110000	Not Detected
trans-1,3-Dichloropropene	30000	Not Detected	140000	Not Detected
1,1,2-Trichloroethane	30000	Not Detected	160000	Not Detected
Tetrachloroethene	30000	Not Detected	200000	Not Detected
2-Hexanone	120000	Not Detected	490000	Not Detected

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Client Sample ID: VMP-14-29-050213

Lab ID#: 1305088A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050917**	**Date of Collection: 5/2/13 2:16:00 PM**	
Dil. Factor:	**59800**	**Date of Analysis: 5/9/13 10:06 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	30000	Not Detected	250000	Not Detected
1,2-Dibromoethane (EDB)	30000	Not Detected	230000	Not Detected
Chlorobenzene	30000	Not Detected	140000	Not Detected
Ethyl Benzene	30000	Not Detected	130000	Not Detected
m,p-Xylene	30000	Not Detected	130000	Not Detected
o-Xylene	30000	Not Detected	130000	Not Detected
Styrene	30000	Not Detected	130000	Not Detected
Bromoform	30000	Not Detected	310000	Not Detected
Cumene	30000	Not Detected	150000	Not Detected
1,1,2,2-Tetrachloroethane	30000	Not Detected	200000	Not Detected
Propylbenzene	30000	Not Detected	150000	Not Detected
4-Ethyltoluene	30000	Not Detected	150000	Not Detected
1,3,5-Trimethylbenzene	30000	Not Detected	150000	Not Detected
1,2,4-Trimethylbenzene	30000	Not Detected	150000	Not Detected
1,3-Dichlorobenzene	30000	Not Detected	180000	Not Detected
1,4-Dichlorobenzene	30000	Not Detected	180000	Not Detected
alpha-Chlorotoluene	30000	Not Detected	150000	Not Detected
1,2-Dichlorobenzene	30000	Not Detected	180000	Not Detected
1,2,4-Trichlorobenzene	120000	Not Detected	890000	Not Detected
Hexachlorobutadiene	120000	Not Detected	1300000	Not Detected
Butane	120000	800000	280000	1900000
Isopentane	120000	1700000	350000	5100000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	96	70-130

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* Do not use this data. Use all other data.

Client Sample ID: VMP-14-29-050213

Lab ID#: 1305088A-03B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050909**	**Date of Collection: 5/2/13 2:16:00 PM**	
Dil. Factor:	**19900**	**Date of Analysis: 5/9/13 03:15 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	10000	Not Detected	49000	Not Detected
Freon 114	10000	Not Detected	70000	Not Detected
Chloromethane	100000	Not Detected	200000	Not Detected
Vinyl Chloride	10000	Not Detected	25000	Not Detected
1,3-Butadiene	10000	Not Detected	22000	Not Detected
Bromomethane	100000	Not Detected	390000	Not Detected
Chloroethane	40000	Not Detected	100000	Not Detected
Freon 11	10000	Not Detected	56000	Not Detected
Ethanol	40000	Not Detected	75000	Not Detected
Freon 113	10000	Not Detected	76000	Not Detected
1,1-Dichloroethene	10000	Not Detected	39000	Not Detected
Acetone	100000	Not Detected	240000	Not Detected
2-Propanol	40000	Not Detected	98000	Not Detected
Carbon Disulfide	40000	Not Detected	120000	Not Detected
3-Chloropropene	40000	Not Detected	120000	Not Detected
Methylene Chloride	100000	Not Detected	340000	Not Detected
Methyl tert-butyl ether	10000	Not Detected	36000	Not Detected
trans-1,2-Dichloroethene	10000	Not Detected	39000	Not Detected
Hexane	10000	320000	35000	1100000
1,1-Dichloroethane	10000	Not Detected	40000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	40000	Not Detected	120000	Not Detected
cis-1,2-Dichloroethene	10000	Not Detected	39000	Not Detected
Tetrahydrofuran	10000	Not Detected	29000	Not Detected
Chloroform	10000	Not Detected	48000	Not Detected
1,1,1-Trichloroethane	10000	Not Detected	54000	Not Detected
Cyclohexane	10000	100000	34000	340000
Carbon Tetrachloride	10000	Not Detected	63000	Not Detected
2,2,4-Trimethylpentane	10000	120000	46000	560000
~~Benzene~~	~~10000~~	~~9800000 E~~	~~32000~~	~~31000000 E~~
1,2-Dichloroethane	10000	Not Detected	40000	Not Detected
Heptane	10000	46000	41000	190000
Trichloroethene	10000	Not Detected	53000	Not Detected
1,2-Dichloropropane	10000	Not Detected	46000	Not Detected
1,4-Dioxane	40000	Not Detected	140000	Not Detected
Bromodichloromethane	10000	Not Detected	67000	Not Detected
cis-1,3-Dichloropropene	10000	Not Detected	45000	Not Detected
4-Methyl-2-pentanone	10000	Not Detected	41000	Not Detected
Toluene	10000	Not Detected	37000	Not Detected
trans-1,3-Dichloropropene	10000	Not Detected	45000	Not Detected
1,1,2-Trichloroethane	10000	Not Detected	54000	Not Detected
Tetrachloroethene	10000	Not Detected	67000	Not Detected
2-Hexanone	40000	Not Detected	160000	Not Detected

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Client Sample ID: VMP-14-29-050213

Lab ID#: 1305088A-03B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050909**	**Date of Collection: 5/2/13 2:16:00 PM**	
Dil. Factor:	**19900**	**Date of Analysis: 5/9/13 03:15 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	10000	Not Detected	85000	Not Detected
1,2-Dibromoethane (EDB)	10000	Not Detected	76000	Not Detected
Chlorobenzene	10000	Not Detected	46000	Not Detected
Ethyl Benzene	10000	2900 J	43000	13000 J
m,p-Xylene	10000	4300 J	43000	19000 J
o-Xylene	10000	Not Detected	43000	Not Detected
Styrene	10000	Not Detected	42000	Not Detected
Bromoform	10000	Not Detected	100000	Not Detected
Cumene	10000	Not Detected	49000	Not Detected
1,1,2,2-Tetrachloroethane	10000	Not Detected	68000	Not Detected
Propylbenzene	10000	Not Detected	49000	Not Detected
4-Ethyltoluene	10000	Not Detected	49000	Not Detected
1,3,5-Trimethylbenzene	10000	Not Detected	49000	Not Detected
1,2,4-Trimethylbenzene	10000	Not Detected	49000	Not Detected
1,3-Dichlorobenzene	10000	Not Detected	60000	Not Detected
1,4-Dichlorobenzene	10000	Not Detected	60000	Not Detected
alpha-Chlorotoluene	10000	Not Detected	52000	Not Detected
1,2-Dichlorobenzene	10000	Not Detected	60000	Not Detected
1,2,4-Trichlorobenzene	40000	Not Detected	300000	Not Detected
Hexachlorobutadiene	40000	Not Detected	420000	Not Detected
Butane	40000	830000	95000	2000000
Isopentane	40000	1800000	120000	5300000

E = Exceeds instrument calibration range.
J = Estimated value.
Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	86	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1305088A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050905a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/9/13 11:48 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	0.93 J	12	2.2 J
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

Client Sample ID: Lab Blank

Lab ID#: 1305088A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050905a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/9/13 11:48 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	0.088 J	3.8	0.68 J
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	0.10 J	5.2	1.0 J
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	0.14 J	3.4	0.97 J
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	0.089 J	2.4	0.44 J
1,3-Dichlorobenzene	0.50	0.21 J	3.0	1.2 J
1,4-Dichlorobenzene	0.50	0.26 J	3.0	1.6 J
alpha-Chlorotoluene	0.50	0.18 J	2.6	0.96 J
1,2-Dichlorobenzene	0.50	0.22 J	3.0	1.3 J
1,2,4-Trichlorobenzene	2.0	0.67 J	15	5.0 J
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Butane	2.0	Not Detected	4.8	Not Detected
Isopentane	2.0	Not Detected	5.9	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	87	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: CCV

Lab ID#: 1305088A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/9/13 09:24 AM**	

Compound	%Recovery
Freon 12	84
Freon 114	94
Chloromethane	82
Vinyl Chloride	93
1,3-Butadiene	99
Bromomethane	117
Chloroethane	87
Freon 11	86
Ethanol	87
Freon 113	95
1,1-Dichloroethene	98
Acetone	99
2-Propanol	87
Carbon Disulfide	86
3-Chloropropene	99
Methylene Chloride	93
Methyl tert-butyl ether	74
trans-1,2-Dichloroethene	99
Hexane	99
1,1-Dichloroethane	92
2-Butanone (Methyl Ethyl Ketone)	104
cis-1,2-Dichloroethene	98
Tetrahydrofuran	102
Chloroform	90
1,1,1-Trichloroethane	84
Cyclohexane	99
Carbon Tetrachloride	92
2,2,4-Trimethylpentane	94
Benzene	103
1,2-Dichloroethane	91
Heptane	107
Trichloroethene	102
1,2-Dichloropropane	100
1,4-Dioxane	101
Bromodichloromethane	99
cis-1,3-Dichloropropene	101
4-Methyl-2-pentanone	106
Toluene	97
trans-1,3-Dichloropropene	109
1,1,2-Trichloroethane	104
Tetrachloroethene	106
2-Hexanone	114

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Client Sample ID: CCV

Lab ID#: 1305088A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/9/13 09:24 AM**	

Compound	%Recovery
Dibromochloromethane	109
1,2-Dibromoethane (EDB)	108
Chlorobenzene	99
Ethyl Benzene	110
m,p-Xylene	107
o-Xylene	107
Styrene	107
Bromoform	111
Cumene	102
1,1,2,2-Tetrachloroethane	99
Propylbenzene	107
4-Ethyltoluene	107
1,3,5-Trimethylbenzene	106
1,2,4-Trimethylbenzene	112
1,3-Dichlorobenzene	105
1,4-Dichlorobenzene	97
alpha-Chlorotoluene	97
1,2-Dichlorobenzene	99
1,2,4-Trichlorobenzene	94
Hexachlorobutadiene	98
Butane	93
Isopentane	99

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	85	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: LCS

Lab ID#: 1305088A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/9/13 10:10 AM**	

Compound	%Recovery
Freon 12	92
Freon 114	100
Chloromethane	92
Vinyl Chloride	103
1,3-Butadiene	108
Bromomethane	136 Q
Chloroethane	101
Freon 11	91
Ethanol	110
Freon 113	103
1,1-Dichloroethene	112
Acetone	105
2-Propanol	97
Carbon Disulfide	115
3-Chloropropene	123
Methylene Chloride	99
Methyl tert-butyl ether	84
trans-1,2-Dichloroethene	119
Hexane	106
1,1-Dichloroethane	98
2-Butanone (Methyl Ethyl Ketone)	113
cis-1,2-Dichloroethene	103
Tetrahydrofuran	106
Chloroform	96
1,1,1-Trichloroethane	91
Cyclohexane	106
Carbon Tetrachloride	101
2,2,4-Trimethylpentane	99
Benzene	106
1,2-Dichloroethane	93
Heptane	108
Trichloroethene	107
1,2-Dichloropropane	102
1,4-Dioxane	104
Bromodichloromethane	100
cis-1,3-Dichloropropene	104
4-Methyl-2-pentanone	110
Toluene	100
trans-1,3-Dichloropropene	110
1,1,2-Trichloroethane	106
Tetrachloroethene	108
2-Hexanone	117

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Client Sample ID: LCS

Lab ID#: 1305088A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/9/13 10:10 AM**	

Compound	%Recovery
Dibromochloromethane	110
1,2-Dibromoethane (EDB)	112
Chlorobenzene	103
Ethyl Benzene	117
m,p-Xylene	121
o-Xylene	119
Styrene	120
Bromoform	112
Cumene	114
1,1,2,2-Tetrachloroethane	104
Propylbenzene	125
4-Ethyltoluene	118
1,3,5-Trimethylbenzene	122
1,2,4-Trimethylbenzene	128
1,3-Dichlorobenzene	119
1,4-Dichlorobenzene	112
alpha-Chlorotoluene	105
1,2-Dichlorobenzene	115
1,2,4-Trichlorobenzene	116
Hexachlorobutadiene	113
Butane	97
Isopentane	107

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	87	70-130
4-Bromofluorobenzene	108	70-130

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Client Sample ID: LCSD

Lab ID#: 1305088A-06AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050904**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/9/13 10:55 AM**	

Compound	%Recovery
Freon 12	90
Freon 114	97
Chloromethane	89
Vinyl Chloride	100
1,3-Butadiene	105
Bromomethane	133 Q
Chloroethane	100
Freon 11	89
Ethanol	104
Freon 113	100
1,1-Dichloroethene	111
Acetone	105
2-Propanol	95
Carbon Disulfide	108
3-Chloropropene	120
Methylene Chloride	97
Methyl tert-butyl ether	85
trans-1,2-Dichloroethene	117
Hexane	102
1,1-Dichloroethane	96
2-Butanone (Methyl Ethyl Ketone)	116
cis-1,2-Dichloroethene	104
Tetrahydrofuran	103
Chloroform	94
1,1,1-Trichloroethane	89
Cyclohexane	105
Carbon Tetrachloride	98
2,2,4-Trimethylpentane	98
Benzene	106
1,2-Dichloroethane	93
Heptane	108
Trichloroethene	106
1,2-Dichloropropane	102
1,4-Dioxane	103
Bromodichloromethane	101
cis-1,3-Dichloropropene	104
4-Methyl-2-pentanone	110
Toluene	100
trans-1,3-Dichloropropene	110
1,1,2-Trichloroethane	106
Tetrachloroethene	107
2-Hexanone	115

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Client Sample ID: LCSD

Lab ID#: 1305088A-06AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2050904**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/9/13 10:55 AM**	

Compound	%Recovery
Dibromochloromethane	109
1,2-Dibromoethane (EDB)	110
Chlorobenzene	103
Ethyl Benzene	113
m,p-Xylene	114
o-Xylene	113
Styrene	115
Bromoform	111
Cumene	108
1,1,2,2-Tetrachloroethane	103
Propylbenzene	114
4-Ethyltoluene	109
1,3,5-Trimethylbenzene	113
1,2,4-Trimethylbenzene	121
1,3-Dichlorobenzene	112
1,4-Dichlorobenzene	104
alpha-Chlorotoluene	99
1,2-Dichlorobenzene	106
1,2,4-Trichlorobenzene	111
Hexachlorobutadiene	105
Butane	98
Isopentane	104

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	85	70-130
4-Bromofluorobenzene	105	70-130

1305088

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Moosheglan
PO #:
INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0
☐ CHECK IF NO INCIDENT # APPLIES
SAP #: 3 4 0 0 6 1
DATE: 05/03/13
PAGE 1 of 1

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE -- ROXANA
State: IL
GLOBAL ID NO:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST. LOUIS, MO 63110
EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO: 314-743-4179
E-MAIL: Elizabeth_Kunkel@URSCorp.com
CONSULTANT PROJECT NAME/#: Roxana Soil Vapor
Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
S. Fisher, L. Rathnow
TELEPHONE: 314-429-0100
FAX: 314-429-0462
Bill To Contact E-MAIL: Robert.Moosheglan@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

Turn Around Time: ☑ Normal ☐ Rush ☐ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
01	VMP-14-20-050113	05/01/13	1518-1550	8014	-29	-9.5			X	X	
02	VMP-14-20-050113-Dup	05/01/13	1518-1550	3009	-29.5	-9			X	X	
03	VMP-14-29-050213	05/02/13	1346-1416	37337	-29	-9.5			X	X	

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

Custody Seal Intact?
(Y) N None Temp_____
Fedex

5/3/13

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	FEDEX	5/3/13	1700
Relinquished by: (Signature)	Received by: (Signature) Rob Shutteler ARC 5/6/13 1000	Date	Time
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

05/2006 Revision

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5/20/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305088B

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/6/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1305088B

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Lonis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/06/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/20/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-14-20-050113	Modified ASTM D-1946	10 "Hg	15.1 psi
02A	VMP-14-20-050113-Dup	Modified ASTM D-1946	10 "Hg	15.1 psi
03A	VMP-14-29-050213	Modified ASTM D-1946	10 "Hg	14.6 psi
04A	Lab Blank	Modified ASTM D-1946	NA	NA
04B	Lab Blank	Modified ASTM D-1946	NA	NA
05A	LCS	Modified ASTM D-1946	NA	NA
05AA	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 05/20/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified ASTM D-1946
URS Corporation
Workorder# 1305088B

Three 1 Liter Summa Canister samples were received on May 06, 2013. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane and fixed gases in air using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Since Nitrogen is used to pressurize samples, the reported Nitrogen values are calculated by adding all the sample components and subtracting from 100%.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*ASTM D-1946*	*ATL Modifications*
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

The reporting limit for Nitrogen was raised from 0.1% to 0.5%.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-14-20-050113

Lab ID#: 1305088B-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	20
Nitrogen	1.5	79
Methane	0.00030	0.041 J
Carbon Dioxide	0.030	1.2
Helium	0.15	0.044 J

Client Sample ID: VMP-14-20-050113-Dup

Lab ID#: 1305088B-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	20
Nitrogen	1.5	78
Methane	0.00030	0.094 J
Carbon Dioxide	0.030	1.3
Helium	0.15	0.050 J

Client Sample ID: VMP-14-29-050213

Lab ID#: 1305088B-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	1.5
Nitrogen	1.5	76
Methane	0.00030	10
Carbon Dioxide	0.030	12
Ethane	0.0030	0.0039

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Client Sample ID: VMP-14-20-050113

Lab ID#: 1305088B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051517**	**Date of Collection: 5/1/13 3:50:00 PM**	
Dil. Factor:	**3.04**	**Date of Analysis: 5/15/13 04:24 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	20
Nitrogen	1.5	79
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	0.041 J
Carbon Dioxide	0.030	1.2
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	0.044 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-14-20-050113-Dup

Lab ID#: 1305088B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051518**	**Date of Collection: 5/1/13 3:50:00 PM**	
Dil. Factor:	**3.04**	**Date of Analysis: 5/15/13 04:52 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	20
Nitrogen	1.5	78
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	0.094 J
Carbon Dioxide	0.030	1.3
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	0.050 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-14-29-050213

Lab ID#: 1305088B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051520**	**Date of Collection: 5/2/13 2:16:00 PM**	
Dil. Factor:	**2.99**	**Date of Analysis: 5/15/13 06:15 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	1.5
Nitrogen	1.5	76
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	10
Carbon Dioxide	0.030	12
Ethane	0.0030	0.0039
Ethene	0.0030	Not Detected
Helium	0.15	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: Lab Blank

Lab ID#: 1305088B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051505a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/15/13 09:19 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	Not Detected
Nitrogen	0.50	0.075 J
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected
Ethane	0.0010	Not Detected
Ethene	0.0010	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

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Client Sample ID: Lab Blank

Lab ID#: I305088B-04B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051504ca**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/15/13 08:55 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.050	Not Detected

Container Type: NA - Not Applicable

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Client Sample ID: LCS

Lab ID#: 1305088B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/15/13 08:01 AM**	

Compound	%Recovery
Oxygen	104
Nitrogen	100
Carbon Monoxide	100
Methane	100
Carbon Dioxide	101
Ethane	99
Ethene	100
Helium	100

Container Type: NA - Not Applicable

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Client Sample ID: LCSD

Lab ID#: 1305088B-05AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10051528	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/15/13 10:01 PM	

Compound	%Recovery
Oxygen	102
Nitrogen	101
Carbon Monoxide	100
Methane	99
Carbon Dioxide	101
Ethane	99
Ethene	99
Helium	100

Container Type: NA - Not Applicable

1305088

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ RAV SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Moosheglan

INCIDENT # (ENV SERVICES): 9 7 2 - 6 6 4 0
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 05/03/13
PAGE 1 of 1

PO #
SAP #: 3 4 0 0 6 1

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE -- ROXANA
State: IL
GLOBAL ID NO.:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST. LOUIS, MO 63110
EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St Louis
PHONE NO: 314-743-4179
E-MAIL: Elizabeth.Kunkel@URSCorp.com
CONSULTANT PROJECT NAME: Roxana Soil Vapor
Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
S. Fisher, L. Rathnow
TELEPHONE: 314-429-0100
FAX: 314-429-0462
SAMPLER'S CONTACT E-MAIL: Robert.Moosheagan@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946				
01	VMP-14-20-050113	05/01/13	1518-1550	6014	-29	-9.5			X	X					
02	VMP-14-20-050113-Dup	05/01/13	1518-1550	3009	-29.5	-9			X	X					
03	VMP-14-29-050213	05/02/13	1346-1416	37337	-29	-9.5			X	X					

Turn Around Time:
☑ Normal
☐ Rush
Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

Custody Seal Intact?
(Y) N None Temp ____
Fedex

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	FEDEX	5/3/13	1700
Relinquished by: (Signature)	Received by: (Signature) BLSutteker ATC 5/6/13 1000	Date	Time
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

05/2006 Revision

Roxana Soil Vapor Quarterly – 2nd Quarter 2013 Data Review

Laboratory SDG: 1305104A,B

Data Reviewer: Melissa Mansker

Peer Reviewer: Elizabeth Kunkel

Date Reviewed: 6/18/2013

Guidance: USEPA National Functional Guidelines for Superfund Organic Methods Data Review 2008

Sample Identification	Sample Identification
VMP-8-23.5-050113	VMP-11-8-050113
VMP-14-5-050113	VMP-14-11.5-050113
VMP-24-5-050113	VMP-51-5-050213
VMP-51-10-050213	VMP-51-20-050213
VMP-51-30-050213	VMP-52-5-050213
VMP-52-5-050213-Dup	VMP-52-20-050213
VMP-53-5-050213	VMP-53-10-050313
VMP-53-20-050313	VMP-53-30-050313
VMP-54-5-050213	VMP-54-10-050213
VMP-54-20-050213	VMP-54-30-050213
VMP-54-30-050213-Dup	

1.0 Data Package Completeness

Were all items delivered as specified in the QAPP and COC as appropriate?

Yes

2.0 Laboratory Case Narrative \ Cooler Receipt Form

Were problems noted in the laboratory case narrative or cooler receipt form?

Yes, the laboratory case narrative indicated sample VMP-53-10-050313 was diluted and re-analyzed to bring the highest level target analytes within the calibration range of the instrument. Results for the highest level target analytes were reported from the re-analysis diluted run and the remaining compounds were reported from the original analysis. Although not indicated in the laboratory case narrative, analytes were detected in the method blank. Benzene and toluene were qualified due to a greater than two times (2X) the reporting level difference, and field duplicate RPD outside evaluation criteria for 2,2,4-trimethylpentane in field duplicate pair VMP-52-5-050213/VMP-52-5-050213-Dup. These issues are addressed further in the appropriate sections below.

No issues or discrepancies were noted in the cooler receipt form.

3.0 Holding Times

Were samples extracted/analyzed within applicable limits?

Yes

4.0 Blank Contamination

Were any analytes detected in the Blanks?

Yes

Blank ID	Parameter	Analyte	Concentration/ Amount
1305104A-22A	TO-15	Ethanol	0.40 ppbv / 0.76 µg/m^3
1305104A-22A	TO-15	Carbon disulfide	0.47 ppbv / 1.4 µg/m^3
1305104A-22A	TO-15	Methylene chloride	0.21 ppbv / 0.74 µg/m^3
1305104A-22A	TO-15	Carbon tetrachloride	0.061 ppbv / 0.38 µg/m^3
1305104A-22A	TO-15	1,2-Dichloroethane	0.12 ppbv / 0.49 µg/m^3
1305104A-22A	TO-15	1,4-Dioxane	0.28 ppbv / 1.0 µg/m^3
1305104A-22A	TO-15	trans-1,3-Dichloropropene	0.18 ppbv / 0.80 µg/m^3
1305104A-22A	TO-15	Dibromochloromethane	0.088 ppbv / 0.75 µg/m^3
1305104A-22A	TO-15	1,2-Dibromoethane (EDB)	0.12 ppbv / 0.96 µg/m^3
1305104A-22A	TO-15	Chlorobenzene	0.25 ppbv / 1.2 µg/m^3
1305104A-22A	TO-15	Styrene	0.056 ppbv / 0.24 µg/m^3
1305104A-22A	TO-15	Bromoform	0.081 ppbv / 0.84 µg/m^3
1305104A-22A	TO-15	Cumene	0.076 ppbv / 0.38 µg/m^3
1305104A-22A	TO-15	1,1,2,2-Tetrachloroethane	0.085 ppbv / 0.58 µg/m^3
1305104A-22A	TO-15	Propylbenzene	0.13 ppbv / 0.64 µg/m^3
1305104A-22A	TO-15	4-Ethyltoluene	0.083 ppbv / 0.41 µg/m^3
1305104A-22A	TO-15	1,3-Dichlorobenzene	0.17 ppbv / 1.0 µg/m^3
1305104A-22A	TO-15	1,4-Dichlorobenzene	0.24 ppbv / 1.5 µg/m^3
1305104A-22A	TO-15	alpha-Chlorotoluene	0.16 ppbv / 0.84 µg/m^3
1305104A-22A	TO-15	1,2-Dichlorobenzene	0.19 ppbv / 1.2 µg/m^3
1305104A-22A	TO-15	1,2,4-Trichlorobenzene	0.73 ppbv / 5.4 µg/m^3
1305104A-22A	TO-15	Hexachlorobutadiene	0.47 ppbv / 5.0 µg/m^3
1305104A-22B	TO-15	Acetone	0.54 ppbv / 1.3 µg/m^3
1305104A-22B	TO-15	Carbon disulfide	0.62 ppbv / 1.9 µg/m^3
1305104A-22B	TO-15	Methylene chloride	0.32 ppbv / 1.1 µg/m^3
1305104A-22B	TO-15	trans-1,2-Dichloroethene	0.20 ppbv / 0.80 µg/m^3
1305104A-22B	TO-15	cis-1,2-Dichloroethene	0.15 ppbv / 0.59 µg/m^3
1305104A-22B	TO-15	Benzene	0.36 ppbv / 1.2 µg/m^3
1305104A-22B	TO-15	1,2-Dichloroethane	0.18 ppbv / 0.72 µg/m^3
1305104A-22B	TO-15	Trichloroethene	0.22 ppbv / 1.2 µg/m^3
1305104A-22B	TO-15	1,4-Dioxane	0.27 ppbv / 0.98 µg/m^3
1305104A-22B	TO-15	cis-1,3-Dichloropropene	0.15 ppbv / 0.68 µg/m^3
1305104A-22B	TO-15	Toluene	0.12 ppbv / 0.44 µg/m^3
1305104A-22B	TO-15	trans-1,3-Dichloropropene	0.24 ppbv / 1.1 µg/m^3
1305104A-22B	TO-15	Dibromochloromethane	0.11 ppbv / 0.91 µg/m^3
1305104A-22B	TO-15	1,2-Dibromoethane (EDB)	0.18 ppbv / 1.4 µg/m^3
1305104A-22B	TO-15	Chlorobenzene	0.34 ppbv / 1.5 µg/m^3
1305104A-22B	TO-15	Ethyl benzene	0.11 ppbv / 0.48 µg/m^3
1305104A-22B	TO-15	o-Xylene	0.14 ppbv / 0.62 µg/m^3
1305104A-22B	TO-15	Stryene	0.078 ppbv / 0.33 µg/m^3
1305104A-22B	TO-15	Bromoform	0.092 ppbv / 0.95 µg/m^3

Blank ID	Parameter	Analyte	Concentration/ Amount
1305104A-22B	TO-15	Cumene	0.11 ppbv / 0.55 µg/m^3
1305104A-22B	TO-15	1,1,2,2-Tetrachloroethane	0.14 ppbv / 0.96 µg/m^3
1305104A-22B	TO-15	Propylbenzene	0.18 ppbv / 0.89 µg/m^3
1305104A-22B	TO-15	4-Ethyltoluene	0.16 ppbv / 0.80 µg/m^3
1305104A-22B	TO-15	1,3,5-Trimethylbenzene	0.19 ppbv / 0.92 µg/m^3
1305104A-22B	TO-15	1,2,4-Trimethylbenzene	0.21 ppbv / 1.0 µg/m^3
1305104A-22B	TO-15	1,3-Dichlorobenzene	0.27 ppbv / 1.6 µg/m^3
1305104A-22B	TO-15	1,4-Dichlorobenzene	0.30 ppbv / 1.8 µg/m^3
1305104A-22B	TO-15	alpha-Chlorotoluene	0.20 ppbv / 1.0 µg/m^3
1305104A-22B	TO-15	1,2-Dichlorobenzene	0.29 ppbv / 1.7 µg/m^3
1305104A-22B	TO-15	1,2,4-Trichlorobenzene	1.0 ppbv / 7.6 µg/m^3
1305104A-22B	TO-15	Hexachlorobutadiene	0.74 ppbv / 7.9 µg/m^3
1305104B-22A	Natural gases	Oxygen	0.0086%
1305104B-22A	Natural gases	Nitrogen	0.067%
1305104B-22C	Natural gases	Nitrogen	0.075%

Qualifications due to blank contamination are included in the table below. Analytical data that were reported non-detect or at concentrations greater than five times (5X) the associated blank concentration did not require qualification.

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-8-23.5-050113	TO-15	Carbon disulfide	-	**U**
VMP-8-23.5-050113	TO-15	Chlorobenzene	-	**U**
VMP-11-8-050113	TO-15	Carbon disulfide	-	**U**
VMP-11-8-050113	TO-15	Chlorobenzene	-	**U**
VMP-14-5-050113	TO-15	Carbon disulfide	-	**U**
VMP-14-5-050113	TO-15	Chlorobenzene	-	**U**
VMP-14-5-050113	TO-15	Cumene	-	**U**
VMP-14-5-050113	TO-15	Propylbenzene	-	**U**
VMP-14-11.5-050113	TO-15	Carbon disulfide	-	**U**
VMP-14-11.5-050113	TO-15	Methylene chloride	-	**U**
VMP-14-11.5-050113	TO-15	Chlorobenzene	-	**U**
VMP-24-5-050113	TO-15	Carbon disulfide	-	**U**
VMP-24-5-050113	TO-15	Chlorobenzene	-	**U**
VMP-51-5-050213	TO-15	Methylene chloride	-	**U**
VMP-51-5-050213	TO-15	Chlorobenzene	-	**U**
VMP-51-5-050213	TO-15	Propylbenzene	-	**U**
VMP-51-5-050213	TO-15	4-Ethyltoluene	-	**U**
VMP-51-10-050213	TO-15	Methylene chloride	-	**U**

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-51-10-050213	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-51-10-050213	TO-15	Chlorobenzene	-	**U**
VMP-51-10-050213	TO-15	Styrene	-	**U**
VMP-51-10-050213	TO-15	Propylbenzene	-	**U**
VMP-51-20-050213	TO-15	Ethanol	-	**U**
VMP-51-20-050213	TO-15	Carbon disulfide	-	**U**
VMP-51-20-050213	TO-15	Chlorobenzene	-	**U**
VMP-51-20-050213	TO-15	Propylbenzene	-	**U**
VMP-51-30-050213	TO-15	Carbon disulfide	-	**U**
VMP-51-30-050213	TO-15	Methylene chloride	-	**U**
VMP-51-30-050213	TO-15	Benzene	-	**U**
VMP-51-30-050213	TO-15	Trichloroethene	-	**U**
VMP-51-30-050213	TO-15	Toluene	-	**U**
VMP-51-30-050213	TO-15	1,2-Dibromoethane (EDB)	-	**U**
VMP-51-30-050213	TO-15	Chlorobenzene	-	**U**
VMP-51-30-050213	TO-15	Ethyl benzene	-	**U**
VMP-51-30-050213	TO-15	Propylbenzene	-	**U**
VMP-51-30-050213	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-51-30-050213	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-51-30-050213	TO-15	alpha-Chlorotoluene	-	**U**
VMP-51-30-050213	TO-15	1,2-Dichlorobenzene	-	**U**
VMP-52-5-050213	TO-15	Carbon disulfide	-	**U**
VMP-52-5-050213	TO-15	Methylene chloride	-	**U**
VMP-52-5-050213	TO-15	Chlorobenzene	-	**U**
VMP-52-5-050213	TO-15	Propylbenzene	-	**U**
VMP-52-5-050213	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-52-5-050213	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-52-5-050213	TO-15	alpha-Chlorotoluene	-	**U**
VMP-52-5-050213-Dup	TO-15	Carbon disulfide	-	**U**
VMP-52-5-050213-Dup	TO-15	Methylene chloride	-	**U**
VMP-52-5-050213-Dup	TO-15	Dibromochloromethane	-	**U**
VMP-52-5-050213-Dup	TO-15	Chlorobenzene	-	**U**
VMP-52-5-050213-Dup	TO-15	Cumene	-	**U**
VMP-52-5-050213-Dup	TO-15	Propylbenzene	-	**U**
VMP-52-5-050213-Dup	TO-15	4-Ethyltoluene	-	**U**
VMP-52-5-050213-Dup	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-52-5-050213-	TO-15	alpha-Chlorotoluene	-	**U**

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
Dup				
VMP-52-20-050213	TO-15	Carbon disulfide	-	**U**
VMP-52-20-050213	TO-15	Methylene chloride	-	**U**
VMP-52-20-050213	TO-15	Benzene	-	**U**
VMP-52-20-050213	TO-15	Chlorobenzene	-	**U**
VMP-52-20-050213	TO-15	Propylbenzene	-	**U**
VMP-52-20-050213	TO-15	4-Ethyltoluene	-	**U**
VMP-52-20-050213	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-52-20-050213	TO-15	alpha-Chlorotoluene	-	**U**
VMP-53-5-050213	TO-15	Carbon disulfide	-	**U**
VMP-53-5-050213	TO-15	Methylene chloride	-	**U**
VMP-53-5-050213	TO-15	Benzene	1.6 ppbv / 5.3 µg/m^3	**U**
VMP-53-5-050213	TO-15	Toluene	-	**U**
VMP-53-5-050213	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-53-5-050213	TO-15	Chlorobenzene	-	**U**
VMP-53-5-050213	TO-15	1,4-Dichlroobenzene	-	**U**
VMP-53-5-050213	TO-15	alpha-Chlorotoluene	-	**U**
VMP-53-10-050313	TO-15	Chlorobenzene	-	**U**
VMP-53-10-050313	TO-15	Styrene	-	**U**
VMP-53-20-050313	TO-15	Carbon disulfide	-	**U**
VMP-53-20-050313	TO-15	Chlorobenzene	-	**U**
VMP-53-30-050313	TO-15	Carbon disulfide	-	**U**
VMP-53-30-050313	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-53-30-050313	TO-15	Chlorobenzene	-	**U**
VMP-54-5-050213	TO-15	Carbon disulfide	-	**U**
VMP-54-5-050213	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-54-5-050213	TO-15	Chlorobenzene	-	**U**
VMP-54-5-050213	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-54-5-050213	TO-15	alpha-Chlorotoluene	-	**U**
VMP-54-10-050213	TO-15	Ethanol	-	**U**
VMP-54-10-050213	TO-15	Carbon disulfide	-	**U**
VMP-54-10-050213	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-54-10-050213	TO-15	Chlorobenzene	-	**U**
VMP-54-10-050213	TO-15	Propylbenzene	-	**U**
VMP-54-10-050213	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-54-10-050213	TO-15	alpha-Chlorotoluene	-	**U**
VMP-54-20-050213	TO-15	Ethanol	-	**U**
VMP-54-20-050213	TO-15	Carbon disulfide	-	**U**
VMP-54-20-050213	TO-15	Methylene chloride	-	**U**
VMP-54-20-050213	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-54-20-050213	TO-15	Chlorobenzene	-	**U**
VMP-54-20-050213	TO-15	1,3-Dichlorobenzene	-	**U**

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-54-20-050213	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-54-20-050213	TO-15	alpha-Chlorotoluene	-	**U**
VMP-54-30-050213	TO-15	Chlorobenzene	-	**U**
VMP-54-30-050213-Dup	TO-15	Carbon disulfide	-	**U**
VMP-54-30-050213-Dup	TO-15	Methylene chloride	-	**U**
VMP-54-30-050213-Dup	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-54-30-050213-Dup	TO-15	Dibromochloromethane	-	**U**
VMP-54-30-050213-Dup	TO-15	1,2-Dibromoethane (EDB)	-	**U**
VMP-54-30-050213-Dup	TO-15	Chlorobenzene	-	**U**
VMP-54-30-050213-Dup	TO-15	Stryene	-	**U**
VMP-54-30-050213-Dup	TO-15	1,1,2,2-Tetrachloroethane	-	**U**
VMP-54-30-050213-Dup	TO-15	Propylbenzene	-	**U**
VMP-54-30-050213-Dup	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-54-30-050213-Dup	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-54-30-050213-Dup	TO-15	alpha-Chlorotoluene	-	**U**
VMP-54-30-050213-Dup	TO-15	1,2-Dichlorobenzene	-	**U**

5.0 Laboratory Control Sample

Were LCS recoveries within evaluation criteria?

Yes

6.0 Surrogate Recoveries

Were surrogate recoveries within evaluation criteria?

Yes

7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

Were MS/MSD samples analyzed as part of this SDG?

MS/MSD samples are not applicable for vapor samples, due to the inability to spike the samples.

8.0 Laboratory Duplicate Results

Were laboratory duplicate samples collected as part of this SDG?

No

9.0 Field Duplicate Results

Were field duplicate samples collected as part of this SDG?

Yes

Field ID	Field Duplicate ID
VMP-52-5-050213	VMP-52-5-050213-Dup
VMP-54-30-050213	VMP-54-30-050213-Dup

Were field duplicate sample RPDs within evaluation criteria?

No

Field ID	Field Duplicate ID	Parameter	Analyte	RPD	Qualification
VMP-52-5-050213	VMP-52-5-050213-Dup	TO-15	2,2,4-Trimethylpentane	**103**	**J/J**
VMP-52-5-050213	VMP-52-5-050213-Dup	TO-15	Benzene	**>2X RL**	**J/J**
VMP-52-5-050213	VMP-52-5-050213-Dup	TO-15	Toluene	**>2X RL**	**J/J**

10.0 Sample Dilutions

For samples that were diluted and nondetect, were undiluted results also reported?

Not applicable; analytes were detected in samples that were diluted.

11.0 Additional Qualifications

Were additional qualifications applied?

No

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5/15/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305104A

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/6/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

Reviewed on 6/18/2013

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WORK ORDER #: 1305104A

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/06/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/15/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-8-23.5-050113	Modified TO-15	10 "Hg	15 psi
02A	VMP-11-8-050113	Modified TO-15	8.4 "Hg	15.3 psi
03A	VMP-14-5-050113	Modified TO-15	10.4 "Hg	14.8 psi
04A	VMP-14-11.5-050113	Modified TO-15	9.4 "Hg	15.4 psi
05A	VMP-24-5-050113	Modified TO-15	10 "Hg	15.1 psi
06A	VMP-51-5-050213	Modified TO-15	6.5 "Hg	14.5 psi
07A	VMP-51-10-050213	Modified TO-15	8.6 "Hg	15.3 psi
08A	VMP-51-20-050213	Modified TO-15	8.2 "Hg	15.3 psi
09A	VMP-51-30-050213	Modified TO-15	9.4 "Hg	14.3 psi
10A	VMP-52-5-050213	Modified TO-15	9.8 "Hg	14.8 psi
11A	VMP-52-5-050213-Dup	Modified TO-15	8.4 "Hg	15 psi
12A	VMP-52-20-050213	Modified TO-15	10.2 "Hg	14.5 psi
13A	VMP-53-5-050213	Modified TO-15	10.2 "Hg	15 psi
14A	VMP-53-10-050313	Modified TO-15	8.8 "Hg	14.4 psi
14B	VMP-53-10-050313	Modified TO-15	8.8 "Hg	14.4 psi
15A	VMP-53-20-050313	Modified TO-15	9.2 "Hg	14.9 psi
16A	VMP-53-30-050313	Modified TO-15	8.2 "Hg	15.1 psi
17A	VMP-54-5-050213	Modified TO-15	7.1 "Hg	13.6 psi
18A	VMP-54-10-050213	Modified TO-15	9.8 "Hg	14.6 psi
19A	VMP-54-20-050213	Modified TO-15	8.4 "Hg	14 psi
20A	VMP-54-30-050213	Modified TO-15	9.2 "Hg	14.8 psi
21A	VMP-54-30-050213-Dup	Modified TO-15	9.2 "Hg	14.7 psi
22A	Lab Blank	Modified TO-15	NA	NA

Continued on next page

ilac-MRA ADE-1451

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WORK ORDER #: 1305104A

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/06/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/15/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
22B	Lab Blank	Modified TO-15	NA	NA
23A	CCV	Modified TO-15	NA	NA
23B	CCV	Modified TO-15	NA	NA
24A	LCS	Modified TO-15	NA	NA
24AA	LCSD	Modified TO-15	NA	NA
24B	LCS	Modified TO-15	NA	NA
24BB	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 05/15/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 956
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
URS Corporation
Workorder# 1305104A

Twenty-one 1 Liter Summa Canister samples were received on May 06, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Due to high-level target compounds, sample VMP-53-10-050313 was analyzed twice. In the "A" fraction, the sample was diluted to bring the highest-level compounds within the calibration range. The "B" fraction is also reported by client request and may be reported with "E" flags indicating the compound exceeds the calibration range, or "S" flags indicating the compound saturated the detector on the instrument. Both runs and associated QC are reported.

As per client project requirements, the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified (0.2 ppbv for compounds reported at 0.5 ppbv and 0.8 ppbv for compounds reported at 2.0 ppbv) may be false positives.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-8-23.5-050113

Lab ID#: 1305104A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.55 J	7.5	2.7 J
Acetone	15	57	36	140
Carbon Disulfide	6.1	~~0.90 J~~ U	19	~~2.8 J~~ U
Hexane	1.5	0.71 J	5.3	2.5 J
2-Butanone (Methyl Ethyl Ketone)	6.1	2.7 J	18	7.9 J
Tetrahydrofuran	1.5	0.76 J	4.5	2.2 J
2,2,4-Trimethylpentane	1.5	0.85 J	7.1	4.0 J
Benzene	1.5	0.30 J	4.8	0.97 J
Heptane	1.5	0.48 J	6.2	2.0 J
Toluene	1.5	0.36 J	5.7	1.3 J
Tetrachloroethene	1.5	0.52 J	10	3.5 J
Chlorobenzene	1.5	~~0.60 J~~ U	7.0	~~2.7 J~~ U

Client Sample ID: VMP-11-8-050113

Lab ID#: 1305104A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.55 J	7.0	2.7 J
Ethanol	5.7	3.5 J	11	6.5 J
Acetone	14	6.4 J	34	15 J
Carbon Disulfide	5.7	~~0.81 J~~ U	18	~~2.5 J~~ U
2,2,4-Trimethylpentane	1.4	8.0	6.6	37
Chlorobenzene	1.4	~~0.67 J~~ U	6.5	~~3.1 J~~ U

Client Sample ID: VMP-14-5-050113

Lab ID#: 1305104A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.63 J	7.6	3.1 J
Ethanol	6.1	7.7	12	14
Acetone	15	72	36	170
Carbon Disulfide	6.1	~~0.90 J~~ U	19	~~2.8 J~~ U
Hexane	1.5	3.2	5.4	11

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-14-5-050113

Lab ID#: 1305104A-03A

2-Butanone (Methyl Ethyl Ketone)	6.1	3.7 J	18	11 J
Cyclohexane	1.5	4.2	5.3	14
2,2,4-Trimethylpentane	1.5	24	7.2	110
Benzene	1.5	2.2	4.9	6.9
Heptane	1.5	2.5	6.3	10
4-Methyl-2-pentanone	1.5	0.98 J	6.3	4.0 J
Toluene	1.5	0.51 J	5.8	1.9 J
Chlorobenzene	1.5	~~0.60 J~~	7.1	~~2.8 J~~
Cumene	1.5	~~0.33 J~~	7.5	~~1.6 J~~
Propylbenzene	1.5	~~0.53 J~~	7.5	~~2.6 J~~
Butane	6.1	5.7 J	14	14 J
Isopentane	6.1	12	18	34

Client Sample ID: VMP-14-11.5-050113

Lab ID#: 1305104A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.46 J	7.4	2.2 J
Ethanol	6.0	3.3 J	11	6.2 J
Acetone	15	13 J	35	32 J
Carbon Disulfide	6.0	~~1.1 J~~	18	~~3.3 J~~
Methylene Chloride	15	~~0.55 J~~	52	~~1.9 J~~
Hexane	1.5	0.63 J	5.2	2.2 J
2-Butanone (Methyl Ethyl Ketone)	6.0	2.0 J	18	5.9 J
Chloroform	1.5	0.93 J	7.3	4.5 J
2,2,4-Trimethylpentane	1.5	0.40 J	7.0	1.9 J
Benzene	1.5	2.7	4.8	8.6
Heptane	1.5	0.43 J	6.1	1.8 J
Toluene	1.5	0.40 J	5.6	1.5 J
Chlorobenzene	1.5	~~0.54 J~~	6.8	~~2.5 J~~

Client Sample ID: VMP-24-5-050113

Lab ID#: 1305104A-05A

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-24-5-050113

Lab ID#: 1305104A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.47 J	7.5	2.3 J
Ethanol	6.1	3.3 J	11	6.2 J
Acetone	15	9.3 J	36	22 J
Carbon Disulfide	6.1	~~0.74 J~~	19	~~2.3 J~~
2-Butanone (Methyl Ethyl Ketone)	6.1	1.4 J	18	4.2 J
Trichloroethene	1.5	0.75 J	8.2	4.0 J
Chlorobenzene	1.5	~~0.55 J~~	7.0	~~2.6 J~~

Client Sample ID: VMP-51-5-050213

Lab ID#: 1305104A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	0.48 J	6.3	2.4 J
Freon 11	1.3	0.33 J	7.1	1.9 J
Ethanol	5.1	5.5	9.6	10
Acetone	13	12 J	30	28 J
Carbon Disulfide	5.1	7.7	16	24
Methylene Chloride	13	~~0.49 J~~	44	~~1.7 J~~
2-Butanone (Methyl Ethyl Ketone)	5.1	1.4 J	15	4.0 J
Chloroform	1.3	1.4	6.2	6.7
1,1,1-Trichloroethane	1.3	0.70 J	6.9	3.8 J
Cyclohexane	1.3	1.5	4.4	5.0
2,2,4-Trimethylpentane	1.3	14	5.9	68
Benzene	1.3	0.27 J	4.0	0.88 J
Chlorobenzene	1.3	~~0.49 J~~	5.8	~~2.2 J~~
Propylbenzene	1.3	~~0.43 J~~	6.2	~~2.1 J~~
4-Ethyltoluene	1.3	~~0.13 J~~	6.2	~~0.63 J~~
Butane	5.1	69	12	160
Isopentane	5.1	95	15	280

Client Sample ID: VMP-51-10-050213

Lab ID#: 1305104A-07A

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-51-10-050213

Lab ID#: 1305104A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.51 J	7.1	2.5 J
Freon 11	1.4	0.34 J	8.0	1.9 J
Ethanol	5.7	3.5 J	11	6.6 J
Acetone	14	9.9 J	34	24 J
Carbon Disulfide	5.7	3.6 J	18	11 J
Methylene Chloride	14	~~0.69 J~~ U	50	~~2.4 J~~ U
Chloroform	1.4	1.2 J	7.0	5.8 J
1,1,1-Trichloroethane	1.4	0.44 J	7.8	2.4 J
Cyclohexane	1.4	2.4	4.9	8.3
2,2,4-Trimethylpentane	1.4	24	6.7	110
Benzene	1.4	0.37 J	4.6	1.2 J
Toluene	1.4	0.26 J	5.4	0.99 J
trans-1,3-Dichloropropene	1.4	~~0.33 J~~ U	6.5	~~1.5 J~~ U
Chlorobenzene	1.4	~~0.60 J~~ U	6.6	~~2.8 J~~ U
Styrene	1.4	~~0.20 J~~ U	6.1	~~0.85 J~~ U
Propylbenzene	1.4	~~0.25 J~~ U	7.0	~~1.2 J~~ U
Butane	5.7	27	14	65
Isopentane	5.7	50	17	150

Client Sample ID: VMP-51-20-050213

Lab ID#: 1305104A-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.53 J	6.9	2.6 J
Ethanol	5.6	~~1.5 J~~ U	10	~~2.9 J~~ U
Acetone	14	6.6 J	33	16 J
Carbon Disulfide	5.6	~~0.99 J~~ U	17	~~3.1 J~~ U
2-Butanone (Methyl Ethyl Ketone)	5.6	2.7 J	16	7.9 J
Chloroform	1.4	1.0 J	6.8	5.0 J
Cyclohexane	1.4	0.63 J	4.8	2.2 J
2,2,4-Trimethylpentane	1.4	7.3	6.5	34
Benzene	1.4	0.29 J	4.5	0.93 J
4-Methyl-2-pentanone	1.4	0.48 J	5.7	2.0 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-51-20-050213

Lab ID#: 1305104A-08A

Chlorobenzene	1.4	~~0.62 J~~ U	6.4	~~2.8 J~~ U
Propylbenzene	1.4	~~0.26 J~~ U	6.9	~~1.3 J~~ U
Butane	5.6	18	13	42
Isopentane	5.6	33	16	97

Client Sample ID: VMP-51-30-050213

Lab ID#: 1305104A-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.63 J	7.1	3.1 J
Freon 11	1.4	0.37 J	8.1	2.1 J
Acetone	14	5.8 J	34	14 J
Carbon Disulfide	5.7	~~1.7 J~~ U	18	~~5.2 J~~ U
Methylene Chloride	14	~~0.63 J~~ U	50	~~2.2 J~~ U
Hexane	1.4	0.50 J	5.0	1.8 J
Chloroform	1.4	1.1 J	7.0	5.4 J
Cyclohexane	1.4	1.2 J	4.9	4.3 J
2,2,4-Trimethylpentane	1.4	7.4	6.7	34
Benzene	1.4	~~0.78 J~~ U	4.6	~~2.5 J~~ U
Trichloroethene	1.4	~~0.65 J~~ U	7.7	~~3.5 J~~ U
Toluene	1.4	~~0.49 J~~ U	5.4	~~1.8 J~~ U
Tetrachloroethene	1.4	1.8	9.7	12
1,2-Dibromoethane (EDB)	1.4	~~0.30 J~~ U	11	~~2.3 J~~ U
Chlorobenzene	1.4	~~0.88 J~~ U	6.6	~~4.0 J~~ U
Ethyl Benzene	1.4	~~0.34 J~~ U	6.2	~~1.4 J~~ U
Propylbenzene	1.4	~~0.20 J~~ U	7.0	~~0.96 J~~ U
1,3-Dichlorobenzene	1.4	~~0.36 J~~ U	8.6	~~2.2 J~~ U
1,4-Dichlorobenzene	1.4	~~0.48 J~~ U	8.6	~~2.9 J~~ U
alpha-Chlorotoluene	1.4	~~0.32 J~~ U	7.4	~~1.6 J~~ U
1,2-Dichlorobenzene	1.4	~~0.28 J~~ U	8.6	~~1.7 J~~ U
Butane	5.7	11	14	26
Isopentane	5.7	23	17	68

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-52-5-050213

Lab ID#: 1305104A-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.52 J	7.4	2.6 J
Freon 11	1.5	0.34 J	8.4	1.9 J
Ethanol	6.0	2.1 J	11	4.0 J
Acetone	15	11 J	35	26 J
Carbon Disulfide	6.0	~~2.1 J~~ U	18	~~6.6 J~~ U
Methylene Chloride	15	~~0.50 J~~ U	52	~~1.7 J~~ U
Hexane	1.5	0.93 J	5.2	3.3 J
2-Butanone (Methyl Ethyl Ketone)	6.0	1.4 J	18	4.3 J
1,1,1-Trichloroethane	1.5	1.6	8.1	8.5
Cyclohexane	1.5	0.96 J	5.1	3.3 J
2,2,4-Trimethylpentane	1.5	9.6 J	7.0	45 J
Benzene	1.5	3.7 J	4.8	12 J
Heptane	1.5	1.8	6.1	7.2
Toluene	1.5	1.6 J	5.6	6.0 J
Chlorobenzene	1.5	~~0.78 J~~ U	6.8	~~3.6 J~~ U
Ethyl Benzene	1.5	1.7	6.5	7.5
m,p-Xylene	1.5	2.7	6.5	12
o-Xylene	1.5	1.4 J	6.5	6.2 J
Styrene	1.5	0.42 J	6.3	1.8 J
Propylbenzene	1.5	~~0.17 J~~ U	7.3	~~0.84 J~~ U
1,3-Dichlorobenzene	1.5	~~0.32 J~~ U	9.0	~~1.9 J~~ U
1,4-Dichlorobenzene	1.5	~~0.40 J~~ U	9.0	~~2.4 J~~ U
alpha-Chlorotoluene	1.5	~~0.40 J~~ U	7.7	~~2.1 J~~ U
Isopentane	6.0	3.7 J	18	11 J

Client Sample ID: VMP-52-5-050213-Dup

Lab ID#: 1305104A-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.58 J	6.9	2.9 J
Freon 11	1.4	0.30 J	7.9	1.7 J
Acetone	14	13 J	33	30 J
Carbon Disulfide	5.6	~~2.1 J~~ U	17	~~6.5 J~~ U

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-52-5-050213-Dup

Lab ID#: 1305104A-11A

Methylene Chloride	14	~~0.70 J~~ 4	49	~~2.4 J~~ 4
Hexane	1.4	1.4	4.9	4.9
2-Butanone (Methyl Ethyl Ketone)	5.6	2.3 J	16	6.9 J
1,1,1-Trichloroethane	1.4	1.4 J	7.6	7.5 J
Cyclohexane	1.4	2.5	4.8	8.7
2,2,4-Trimethylpentane	1.4	29 J	6.5	140 J
Benzene	1.4	6.9 J	4.5	22 J
Heptane	1.4	2.4	5.7	10
1,4-Dioxane	5.6	2.4 J	20	8.6 J
Toluene	1.4	7.0 J	5.3	26 J
Dibromochloromethane	1.4	~~0.15 J~~ 4	12	~~1.3 J~~ 4
Chlorobenzene	1.4	~~0.78 J~~ 4	6.4	~~3.6 J~~ 4
Ethyl Benzene	1.4	1.8	6.1	8.1
m,p-Xylene	1.4	3.3	6.1	14
o-Xylene	1.4	1.5	6.1	6.5
Styrene	1.4	0.53 J	6.0	2.3 J
Cumene	1.4	~~0.20 J~~ 4	6.9	~~1.0 J~~ 4
Propylbenzene	1.4	~~0.37 J~~ 4	6.9	~~1.8 J~~ 4
4-Ethyltoluene	1.4	~~0.60 J~~ 4	6.9	~~2.9 J~~ 4
1,4-Dichlorobenzene	1.4	~~0.28 J~~ 4	8.4	~~1.6 J~~ 4
alpha-Chlorotoluene	1.4	~~0.38 J~~ 4	7.2	~~2.0 J~~ 4
Isopentane	5.6	13	16	38

Client Sample ID: VMP-52-20-050213

Lab ID#: 1305104A-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.56 J	7.4	2.8 J
Ethanol	6.0	4.6 J	11	8.7 J
Acetone	15	9.7 J	36	23 J
Carbon Disulfide	6.0	~~2.4 J~~ 4	19	~~7.4 J~~ 4
Methylene Chloride	15	~~0.75 J~~ 4	52	~~2.6 J~~ 4
Hexane	1.5	0.51 J	5.3	1.8 J
2-Butanone (Methyl Ethyl Ketone)	6.0	1.2 J	18	3.5 J
Chloroform	1.5	1.8	7.3	8.8

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-52-20-050213

Lab ID#: 1305104A-12A

Cyclohexane	1.5	0.68 J	5.2	2.3 J
2,2,4-Trimethylpentane	1.5	5.6	7.0	26
Benzene	1.5	~~0.63 J~~ U	4.8	~~2.0 J~~ U
Chlorobenzene	1.5	~~0.68 J~~ U	6.9	~~3.2 J~~ U
Propylbenzene	1.5	~~0.29 J~~ U	7.4	~~1.4 J~~ U
4-Ethyltoluene	1.5	0.14 J U	7.4	~~0.68 J~~ U
1,4-Dichlorobenzene	1.5	~~0.32 J~~ U	9.0	~~1.9 J~~ U
alpha-Chlorotoluene	1.5	~~0.25 J~~ U	7.8	~~1.3 J~~ U
Butane	6.0	15	14	36
Isopentane	6.0	17	18	51

Client Sample ID: VMP-53-5-050213

Lab ID#: 1305104A-13A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.60 J	7.6	3.0 J
Freon 11	1.5	0.35 J	8.6	2.0 J
Ethanol	6.1	6.6	12	12
Acetone	15	9.0 J	36	21 J
2-Propanol	6.1	6.2	15	15
Carbon Disulfide	6.1	~~1.6 J~~ U	19	~~4.8 J~~ U
Methylene Chloride	15	~~0.45 J~~ U	53	~~1.6 J~~ U
Hexane	1.5	1.9	5.4	6.7
Cyclohexane	1.5	2.1	5.3	7.2
2,2,4-Trimethylpentane	1.5	12	7.1	54
Benzene	~~1.5~~ 1.6	~~1.6~~ U	~~4.9~~ 5.3	~~5.3~~ U
Heptane	1.5	1.1 J	6.3	4.4 J
Toluene	1.5	~~0.47 J~~ U	5.8	~~1.8 J~~ U
trans-1,3-Dichloropropene	1.5	~~0.37 J~~ U	6.9	~~1.7 J~~ U
Chlorobenzene	1.5	~~0.73 J~~ U	7.0	~~3.4 J~~ U
1,4-Dichlorobenzene	1.5	~~0.30 J~~ U	9.2	~~1.8 J~~ U
alpha-Chlorotoluene	1.5	~~0.23 J~~ U	7.9	~~1.2 J~~ U
Butane	6.1	5.5 J	14	13 J
Isopentane	6.1	10	18	29

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-53-10-050313 *Use these results only. All other data was reported from the 2.80x dilution analysis

Lab ID#: 1305104A-14A

DF=56.0

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	110	140	210	270
Acetone	280	390	660	920
Carbon Disulfide	110	23 J	350	73 J
Methylene Chloride	280	23 J	970	82 J
Hexane	28	290	99	1000
Cyclohexane	28	99	96	340
2,2,4-Trimethylpentane	28	110	130	520
* Benzene	28	8600	89	27000
Heptane	28	140	110	590
4-Methyl-2-pentanone	28	21 J	110	86 J
Toluene	28	16 J	100	61 J
trans-1,3-Dichloropropene	28	7.2 J	130	33 J
Chlorobenzene	28	13 J	130	59 J
Ethyl Benzene	28	13 J	120	56 J
m,p-Xylene	28	22 J	120	96 J
Styrene	28	14 J	120	62 J
Propylbenzene	28	3.6 J	140	18 J
4-Ethyltoluene	28	6.2 J	140	31 J
1,4-Dichlorobenzene	28	5.9 J	170	36 J
alpha-Chlorotoluene	28	6.2 J	140	32 J
* Butane	110	520	270	1200
Isopentane	110	1100	330	3300

Client Sample ID: VMP-53-10-050313 *Do not use this data. Use all other data.

Lab ID#: 1305104A-14B

DF=2.80

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.54 J	6.9	2.7 J
Acetone	14	5.4 J	33	13 J
Hexane	1.4	400	4.9	1400
Cyclohexane	1.4	140	4.8	490
2,2,4-Trimethylpentane	1.4	160	6.5	730
* ~~Benzene~~	~~1.4~~	~~>4100 S~~	~~4.5~~	~~>13000 S~~

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-53-10-050313

Lab ID#: 1305104A-14B

Heptane	1.4	97	5.7	400
Toluene	1.4	2.3	5.3	8.6
Chlorobenzene	1.4	~~1.1 J~~ U	6.4	~~5.3 J~~ U
Ethyl Benzene	1.4	12	6.1	51
m,p-Xylene	1.4	21	6.1	90
o-Xylene	1.4	2.8	6.1	12
Styrene	1.4	~~0.24 J~~ U	6.0	~~0.88 J~~ U
Cumene	1.4	3.8	6.9	18
Propylbenzene	1.4	1.9	6.9	9.5
4-Ethyltoluene	1.4	2.6	6.9	13
1,3,5-Trimethylbenzene	1.4	1.4 J	6.9	6.8 J
1,2,4-Trimethylbenzene	1.4	2.4	6.9	12
~~Butane~~ X	~~5.6~~	~~590 E~~	~~13~~	~~1400 E~~
~~Isopentane~~ X	~~5.6~~	~~1400 E~~	~~16~~	~~4000 E~~

Client Sample ID: VMP-53-20-050313

Lab ID#: 1305104A-15A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.57 J	7.2	2.8 J
Ethanol	5.8	2.9 J	11	5.4 J
Acetone	14	9.6 J	34	23 J
Carbon Disulfide	5.8	~~0.95 J~~ U	18	~~3.0 J~~ U
2,2,4-Trimethylpentane	1.4	0.43 J	6.8	2.0 J
Chlorobenzene	1.4	~~0.64 J~~ U	6.7	~~3.0 J~~ U

Client Sample ID: VMP-53-30-050313

Lab ID#: 1305104A-16A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.56 J	6.9	2.8 J
Freon 11	1.4	0.29 J	7.8	1.6 J
Acetone	14	5.0 J	33	12 J
Carbon Disulfide	5.6	~~0.90 J~~ U	17	~~2.8 J~~ U

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-53-30-050313

Lab ID#: 1305104A-16A

Chloroform	1.4	1.4	6.8	7.1
Benzene	1.4	8.9	4.4	28
trans-1,3-Dichloropropene	1.4	~~0.34 J~~ 4	6.3	~~1.5 J~~ 4
Chlorobenzene	1.4	~~0.70 J~~ 4	6.4	~~3.2 J~~ 4

Client Sample ID: VMP-54-5-050213

Lab ID#: 1305104A-17A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	0.51 J	6.2	2.5 J
Freon 11	1.3	0.30 J	7.1	1.7 J
Ethanol	5.1	4.4 J	9.5	8.4 J
Acetone	13	17	30	41
Carbon Disulfide	5.1	~~0.99 J~~ 4	16	~~3.1 J~~ 4
Methylene Chloride	13	1.7 J	44	5.9 J
Hexane	1.3	0.44 J	4.4	1.5 J
2-Butanone (Methyl Ethyl Ketone)	5.1	1.1 J	15	3.2 J
Cyclohexane	1.3	1.9	4.4	6.5
2,2,4-Trimethylpentane	1.3	0.46 J	5.9	2.2 J
Benzene	1.3	2.9	4.0	9.3
Trichloroethene	1.3	0.75 J	6.8	4.0 J
Toluene	1.3	1.1 J	4.8	4.0 J
trans-1,3-Dichloropropene	1.3	~~0.31 J~~ 4	5.7	~~1.4 J~~ 4
Tetrachloroethene	1.3	0.59 J	8.6	4.0 J
Chlorobenzene	1.3	~~0.66 J~~ 4	5.8	~~3.0 J~~ 4
1,4-Dichlorobenzene	1.3	~~0.26 J~~ 4	7.6	~~1.5 J~~ 4
alpha-Chlorotoluene	1.3	~~0.16 J~~ 4	6.5	~~0.81 J~~ 4
Butane	5.1	8.7	12	21
Isopentane	5.1	3.4 J	15	10 J

Client Sample ID: VMP-54-10-050213

Lab ID#: 1305104A-18A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-54-10-050213

Lab ID#: 1305104A-18A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.63 J	7.3	3.1 J
Chloromethane	15	2.1 J	30	4.3 J
Ethanol	5.9	~~2.8 J~~ U	11	~~5.2 J~~ U
Acetone	15	6.6 J	35	16 J
Carbon Disulfide	5.9	~~1.3 J~~ U	18	~~3.9 J~~ U
Hexane	1.5	0.50 J	5.2	1.8 J
2,2,4-Trimethylpentane	1.5	2.0	6.9	9.6
Benzene	1.5	0.44 J	4.7	1.4 J
Heptane	1.5	0.40 J	6.1	1.6 J
Toluene	1.5	0.27 J	5.6	1.0 J
trans-1,3-Dichloropropene	1.5	~~0.38 J~~ U	6.7	~~1.7 J~~ U
Chlorobenzene	1.5	~~0.75 J~~ U	6.8	~~3.4 J~~ U
Propylbenzene	1.5	~~0.20 J~~ U	7.3	~~0.98 J~~ U
1,3-Dichlorobenzene	1.5	~~0.28 J~~ U	8.9	~~1.7 J~~ U
alpha-Chlorotoluene	1.5	~~0.21 J~~ U	7.7	~~1.1 J~~ U
Butane	5.9	3.1 J	14	7.3 J

Client Sample ID: VMP-54-20-050213

Lab ID#: 1305104A-19A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.62 J	6.7	3.1 J
Ethanol	5.4	~~1.8 J~~ U	10	~~3.4 J~~ U
Acetone	14	7.3 J	32	17 J
Carbon Disulfide	5.4	~~1.0 J~~ U	17	~~3.1 J~~ U
Methylene Chloride	14	~~0.71 J~~ U	47	~~2.5 J~~ U
2-Butanone (Methyl Ethyl Ketone)	5.4	1.3 J	16	3.8 J
2,2,4-Trimethylpentane	1.4	0.15 J	6.3	0.69 J
Benzene	1.4	0.40 J	4.3	1.3 J
Heptane	1.4	0.35 J	5.6	1.4 J
Toluene	1.4	0.30 J	5.1	1.2 J
trans-1,3-Dichloropropene	1.4	~~0.42 J~~ U	6.1	~~1.9 J~~ U
Tetrachloroethene	1.4	0.52 J	9.2	3.5 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-54-20-050213

Lab ID#: 1305104A-19A

Chlorobenzene	1.4	~~0.59 J~~	6.2	~~2.7 J~~
1,3-Dichlorobenzene	1.4	~~0.28 J~~	8.1	~~1.7 J~~
1,4-Dichlorobenzene	1.4	~~0.34 J~~	8.1	~~2.1 J~~
alpha-Chlorotoluene	1.4	~~0.20 J~~	7.0	~~1.0 J~~
Butane	5.4	2.2 J	13	5.3 J

Client Sample ID: VMP-54-30-050213

Lab ID#: 1305104A-20A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.52 J	7.1	2.5 J
Acetone	14	4.4 J	34	10 J
Hexane	1.4	1.4 J	5.1	4.9 J
Cyclohexane	1.4	0.72 J	5.0	2.5 J
2,2,4-Trimethylpentane	1.4	1.2 J	6.8	5.7 J
Benzene	1.4	4.5	4.6	14
Heptane	1.4	1.8	5.9	7.3
1,4-Dioxane	5.8	2.0 J	21	7.3 J
Toluene	1.4	1.4	5.4	5.4
Tetrachloroethene	1.4	0.66 J	9.8	4.5 J
Chlorobenzene	1.4	~~0.67 J~~	6.6	~~3.1 J~~
Ethyl Benzene	1.4	1.8	6.3	7.9
m,p-Xylene	1.4	3.4	6.3	15
o-Xylene	1.4	1.6	6.3	6.8
4-Ethyltoluene	1.4	0.65 J	7.1	3.2 J
Butane	5.8	2.6 J	14	6.2 J
Isopentane	5.8	2.7 J	17	8.0 J

Client Sample ID: VMP-54-30-050213-Dup

Lab ID#: 1305104A-21A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.65 J	7.1	3.2 J
Acetone	14	4.6 J	34	11 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-54-30-050213-Dup

Lab ID#: 1305104A-21A

Carbon Disulfide	5.8	~~1.1 J~~ U	18	~~3.5 J~~ U
Methylene Chloride	14	~~0.51 J~~ U	50	~~1.8 J~~ U
Hexane	1.4	2.2	5.1	7.6
Cyclohexane	1.4	0.96 J	5.0	3.3 J
2,2,4-Trimethylpentane	1.4	1.7	6.7	8.1
Benzene	1.4	5.8	4.6	18
Heptane	1.4	2.6	5.9	11
Trichloroethene	1.4	0.39 J	7.7	2.1 J
Toluene	1.4	1.6	5.4	6.1
trans-1,3-Dichloropropene	1.4	~~0.40 J~~ U	6.5	~~1.8 J~~ U
Tetrachloroethene	1.4	0.64 J	9.8	4.3 J
Dibromochloromethane	1.4	~~0.19 J~~ U	12	~~1.6 J~~ U
1,2-Dibromoethane (EDB)	1.4	~~0.31 J~~ U	11	~~2.4 J~~ U
Chlorobenzene	1.4	~~0.76 J~~ U	6.6	~~3.5 J~~ U
Ethyl Benzene	1.4	2.1	6.2	9.0
m,p-Xylene	1.4	3.7	6.2	16
o-Xylene	1.4	1.8	6.2	7.8
Styrene	1.4	~~0.14 J~~ U	6.1	~~0.59 J~~ U
1,1,2,2-Tetrachloroethane	1.4	~~0.18 J~~ U	9.9	~~1.2 J~~ U
Propylbenzene	1.4	~~0.16 J~~ U	7.1	~~0.80 J~~ U
4-Ethyltoluene	1.4	0.64 J	7.1	3.2 J
1,3-Dichlorobenzene	1.4	~~0.37 J~~ U	8.6	~~2.2 J~~ U
1,4-Dichlorobenzene	1.4	~~0.38 J~~ U	8.6	~~2.3 J~~ U
alpha-Chlorotoluene	1.4	~~0.23 J~~ U	7.4	~~1.2 J~~ U
1,2-Dichlorobenzene	1.4	~~0.27 J~~ U	8.6	~~1.6 J~~ U
Butane	5.8	4.0 J	14	9.4 J
Isopentane	5.8	4.1 J	17	12 J

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Client Sample ID: VMP-8-23.5-050113

Lab ID#: 1305104A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050814**	**Date of Collection: 5/1/13 2:26:00 PM**	
Dil. Factor:	**3.03**	**Date of Analysis: 5/8/13 05:26 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.55 J	7.5	2.7 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	Not Detected	31	Not Detected
Vinyl Chloride	1.5	Not Detected	3.9	Not Detected
1,3-Butadiene	1.5	Not Detected	3.4	Not Detected
Bromomethane	15	Not Detected	59	Not Detected
Chloroethane	6.1	Not Detected	16	Not Detected
Freon 11	1.5	Not Detected	8.5	Not Detected
Ethanol	6.1	Not Detected	11	Not Detected
Freon 113	1.5	Not Detected	12	Not Detected
1,1-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Acetone	15	57	36	140
2-Propanol	6.1	Not Detected	15	Not Detected
Carbon Disulfide	6.1	~~0.90 J~~	19	~~2.8 J~~
3-Chloropropene	6.1	Not Detected	19	Not Detected
Methylene Chloride	15	Not Detected	53	Not Detected
Methyl tert-butyl ether	1.5	Not Detected	5.5	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Hexane	1.5	0.71 J	5.3	2.5 J
1,1-Dichloroethane	1.5	Not Detected	6.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.1	2.7 J	18	7.9 J
cis-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Tetrahydrofuran	1.5	0.76 J	4.5	2.2 J
Chloroform	1.5	Not Detected	7.4	Not Detected
1,1,1-Trichloroethane	1.5	Not Detected	8.3	Not Detected
Cyclohexane	1.5	Not Detected	5.2	Not Detected
Carbon Tetrachloride	1.5	Not Detected	9.5	Not Detected
2,2,4-Trimethylpentane	1.5	0.85 J	7.1	4.0 J
Benzene	1.5	0.30 J	4.8	0.97 J
1,2-Dichloroethane	1.5	Not Detected	6.1	Not Detected
Heptane	1.5	0.48 J	6.2	2.0 J
Trichloroethene	1.5	Not Detected	8.1	Not Detected
1,2-Dichloropropane	1.5	Not Detected	7.0	Not Detected
1,4-Dioxane	6.1	Not Detected	22	Not Detected
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.9	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.2	Not Detected
Toluene	1.5	0.36 J	5.7	1.3 J
trans-1,3-Dichloropropene	1.5	Not Detected	6.9	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.3	Not Detected
Tetrachloroethene	1.5	0.52 J	10	3.5 J
2-Hexanone	6.1	Not Detected	25	Not Detected

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Client Sample ID: VMP-8-23.5-050113

Lab ID#: 1305104A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050814**	**Date of Collection: 5/1/13 2:26:00 PM**	
Dil. Factor:	**3.03**	**Date of Analysis: 5/8/13 05:26 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	12	Not Detected
Chlorobenzene	1.5	0.60 J	7.0	2.7 J
Ethyl Benzene	1.5	Not Detected	6.6	Not Detected
m,p-Xylene	1.5	Not Detected	6.6	Not Detected
o-Xylene	1.5	Not Detected	6.6	Not Detected
Styrene	1.5	Not Detected	6.4	Not Detected
Bromoform	1.5	Not Detected	16	Not Detected
Cumene	1.5	Not Detected	7.4	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.4	Not Detected
4-Ethyltoluene	1.5	Not Detected	7.4	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.4	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.4	Not Detected
1,3-Dichlorobenzene	1.5	Not Detected	9.1	Not Detected
1,4-Dichlorobenzene	1.5	Not Detected	9.1	Not Detected
alpha-Chlorotoluene	1.5	Not Detected	7.8	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	9.1	Not Detected
1,2,4-Trichlorobenzene	6.1	Not Detected	45	Not Detected
Hexachlorobutadiene	6.1	Not Detected	65	Not Detected
Butane	6.1	Not Detected	14	Not Detected
Isopentane	6.1	Not Detected	18	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	92	70-130

Client Sample ID: VMP-11-8-050113

Lab ID#: 1305104A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050815**	**Date of Collection: 5/1/13 9:07:00 AM**	
Dil. Factor:	**2.83**	**Date of Analysis: 5/8/13 06:09 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.55 J	7.0	2.7 J
Freon 114	1.4	Not Detected	9.9	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.1	Not Detected
Bromomethane	14	Not Detected	55	Not Detected
Chloroethane	5.7	Not Detected	15	Not Detected
Freon 11	1.4	Not Detected	8.0	Not Detected
Ethanol	5.7	3.5 J	11	6.5 J
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Acetone	14	6.4 J	34	15 J
2-Propanol	5.7	Not Detected	14	Not Detected
Carbon Disulfide	5.7	0.81 J	18	2.5 J
3-Chloropropene	5.7	Not Detected	18	Not Detected
Methylene Chloride	14	Not Detected	49	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.1	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Hexane	1.4	Not Detected	5.0	Not Detected
1,1-Dichloroethane	1.4	Not Detected	5.7	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.7	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
Chloroform	1.4	Not Detected	6.9	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Cyclohexane	1.4	Not Detected	4.9	Not Detected
Carbon Tetrachloride	1.4	Not Detected	8.9	Not Detected
2,2,4-Trimethylpentane	1.4	8.0	6.6	37
Benzene	1.4	Not Detected	4.5	Not Detected
1,2-Dichloroethane	1.4	Not Detected	5.7	Not Detected
Heptane	1.4	Not Detected	5.8	Not Detected
Trichloroethene	1.4	Not Detected	7.6	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.5	Not Detected
1,4-Dioxane	5.7	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.5	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.8	Not Detected
Toluene	1.4	Not Detected	5.3	Not Detected
trans-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Tetrachloroethene	1.4	Not Detected	9.6	Not Detected
2-Hexanone	5.7	Not Detected	23	Not Detected

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Client Sample ID: VMP-11-8-050113

Lab ID#: 1305104A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050815**	**Date of Collection: 5/1/13 9:07:00 AM**	
Dil. Factor:	**2.83**	**Date of Analysis: 5/8/13 06:09 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	0.67 J	6.5	3.1 J
Ethyl Benzene	1.4	Not Detected	6.1	Not Detected
m,p-Xylene	1.4	Not Detected	6.1	Not Detected
o-Xylene	1.4	Not Detected	6.1	Not Detected
Styrene	1.4	Not Detected	6.0	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	Not Detected	7.0	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.7	Not Detected
Propylbenzene	1.4	Not Detected	7.0	Not Detected
4-Ethyltoluene	1.4	Not Detected	7.0	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.3	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
1,2,4-Trichlorobenzene	5.7	Not Detected	42	Not Detected
Hexachlorobutadiene	5.7	Not Detected	60	Not Detected
Butane	5.7	Not Detected	13	Not Detected
Isopentane	5.7	Not Detected	17	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: VMP-14-5-050113

Lab ID#: 1305104A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050816**	**Date of Collection: 5/1/13 2:02:00 PM**	
Dil. Factor:	**3.07**	**Date of Analysis: 5/8/13 06:49 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.63 J	7.6	3.1 J
Freon 114	1.5	Not Detected	11	Not Detected
Chloromethane	15	Not Detected	32	Not Detected
Vinyl Chloride	1.5	Not Detected	3.9	Not Detected
1,3-Butadiene	1.5	Not Detected	3.4	Not Detected
Bromomethane	15	Not Detected	60	Not Detected
Chloroethane	6.1	Not Detected	16	Not Detected
Freon 11	1.5	Not Detected	8.6	Not Detected
Ethanol	6.1	7.7	12	14
Freon 113	1.5	Not Detected	12	Not Detected
1,1-Dichloroethene	1.5	Not Detected	6.1	Not Detected
Acetone	15	72	36	170
2-Propanol	6.1	Not Detected	15	Not Detected
Carbon Disulfide	6.1	~~0.90 J~~	19	~~2.8 J~~
3-Chloropropene	6.1	Not Detected	19	Not Detected
Methylene Chloride	15	Not Detected	53	Not Detected
Methyl tert-butyl ether	1.5	Not Detected	5.5	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	6.1	Not Detected
Hexane	1.5	3.2	5.4	11
1,1-Dichloroethane	1.5	Not Detected	6.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.1	3.7 J	18	11 J
cis-1,2-Dichloroethene	1.5	Not Detected	6.1	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.5	Not Detected
Chloroform	1.5	Not Detected	7.5	Not Detected
1,1,1-Trichloroethane	1.5	Not Detected	8.4	Not Detected
Cyclohexane	1.5	4.2	5.3	14
Carbon Tetrachloride	1.5	Not Detected	9.6	Not Detected
2,2,4-Trimethylpentane	1.5	24	7.2	110
Benzene	1.5	2.2	4.9	6.9
1,2-Dichloroethane	1.5	Not Detected	6.2	Not Detected
Heptane	1.5	2.5	6.3	10
Trichloroethene	1.5	Not Detected	8.2	Not Detected
1,2-Dichloropropane	1.5	Not Detected	7.1	Not Detected
1,4-Dioxane	6.1	Not Detected	22	Not Detected
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	7.0	Not Detected
4-Methyl-2-pentanone	1.5	0.98 J	6.3	4.0 J
Toluene	1.5	0.51 J	5.8	1.9 J
trans-1,3-Dichloropropene	1.5	Not Detected	7.0	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.4	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	6.1	Not Detected	25	Not Detected

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Client Sample ID: VMP-14-5-050113

Lab ID#: 1305104A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050816**	**Date of Collection: 5/1/13 2:02:00 PM**	
Dil. Factor:	**3.07**	**Date of Analysis: 5/8/13 06:49 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	12	Not Detected
Chlorobenzene	1.5	0.60 J	7.1	2.8 J
Ethyl Benzene	1.5	Not Detected	6.7	Not Detected
m,p-Xylene	1.5	Not Detected	6.7	Not Detected
o-Xylene	1.5	Not Detected	6.7	Not Detected
Styrene	1.5	Not Detected	6.5	Not Detected
Bromoform	1.5	Not Detected	16	Not Detected
Cumene	1.5	0.33 J	7.5	1.6 J
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	0.53 J	7.5	2.6 J
4-Ethyltoluene	1.5	Not Detected	7.5	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.5	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.5	Not Detected
1,3-Dichlorobenzene	1.5	Not Detected	9.2	Not Detected
1,4-Dichlorobenzene	1.5	Not Detected	9.2	Not Detected
alpha-Chlorotoluene	1.5	Not Detected	7.9	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	9.2	Not Detected
1,2,4-Trichlorobenzene	6.1	Not Detected	46	Not Detected
Hexachlorobutadiene	6.1	Not Detected	65	Not Detected
Butane	6.1	5.7 J	14	14 J
Isopentane	6.1	12	18	34

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: VMP-14-11.5-050113

Lab ID#: 1305104A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050817**	**Date of Collection: 5/1/13 2:55:00 PM**	
Dil. Factor:	**2.98**	**Date of Analysis: 5/8/13 07:27 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.46 J	7.4	2.2 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	Not Detected	31	Not Detected
Vinyl Chloride	1.5	Not Detected	3.8	Not Detected
1,3-Butadiene	1.5	Not Detected	3.3	Not Detected
Bromomethane	15	Not Detected	58	Not Detected
Chloroethane	6.0	Not Detected	16	Not Detected
Freon 11	1.5	Not Detected	8.4	Not Detected
Ethanol	6.0	3.3 J	11	6.2 J
Freon 113	1.5	Not Detected	11	Not Detected
1,1-Dichloroethene	1.5	Not Detected	5.9	Not Detected
Acetone	15	13 J	35	32 J
2-Propanol	6.0	Not Detected	15	Not Detected
Carbon Disulfide	6.0	~~1.1 J~~	18	~~3.3 J~~
3-Chloropropene	6.0	Not Detected	19	Not Detected
Methylene Chloride	15	~~0.55 J~~	52	~~1.9 J~~
Methyl tert-butyl ether	1.5	Not Detected	5.4	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	5.9	Not Detected
Hexane	1.5	0.63 J	5.2	2.2 J
1,1-Dichloroethane	1.5	Not Detected	6.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.0	2.0 J	18	5.9 J
cis-1,2-Dichloroethene	1.5	Not Detected	5.9	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.4	Not Detected
Chloroform	1.5	0.93 J	7.3	4.5 J
1,1,1-Trichloroethane	1.5	Not Detected	8.1	Not Detected
Cyclohexane	1.5	Not Detected	5.1	Not Detected
Carbon Tetrachloride	1.5	Not Detected	9.4	Not Detected
2,2,4-Trimethylpentane	1.5	0.40 J	7.0	1.9 J
Benzene	1.5	2.7	4.8	8.6
1,2-Dichloroethane	1.5	Not Detected	6.0	Not Detected
Heptane	1.5	0.43 J	6.1	1.8 J
Trichloroethene	1.5	Not Detected	8.0	Not Detected
1,2-Dichloropropane	1.5	Not Detected	6.9	Not Detected
1,4-Dioxane	6.0	Not Detected	21	Not Detected
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.8	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.1	Not Detected
Toluene	1.5	0.40 J	5.6	1.5 J
trans-1,3-Dichloropropene	1.5	Not Detected	6.8	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.1	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	6.0	Not Detected	24	Not Detected

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Client Sample ID: VMP-14-11.5-050113

Lab ID#: 1305104A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050817**	**Date of Collection: 5/1/13 2:55:00 PM**	
Dil. Factor:	**2.98**	**Date of Analysis: 5/8/13 07:27 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	11	Not Detected
Chlorobenzene	1.5	0.54 J	6.8	2.5 J
Ethyl Benzene	1.5	Not Detected	6.5	Not Detected
m,p-Xylene	1.5	Not Detected	6.5	Not Detected
o-Xylene	1.5	Not Detected	6.5	Not Detected
Styrene	1.5	Not Detected	6.3	Not Detected
Bromoform	1.5	Not Detected	15	Not Detected
Cumene	1.5	Not Detected	7.3	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.3	Not Detected
4-Ethyltoluene	1.5	Not Detected	7.3	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.3	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.3	Not Detected
1,3-Dichlorobenzene	1.5	Not Detected	9.0	Not Detected
1,4-Dichlorobenzene	1.5	Not Detected	9.0	Not Detected
alpha-Chlorotoluene	1.5	Not Detected	7.7	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	9.0	Not Detected
1,2,4-Trichlorobenzene	6.0	Not Detected	44	Not Detected
Hexachlorobutadiene	6.0	Not Detected	64	Not Detected
Butane	6.0	Not Detected	14	Not Detected
Isopentane	6.0	Not Detected	18	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	91	70-130

Client Sample ID: VMP-24-5-050113

Lab ID#: 1305104A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050818**	**Date of Collection: 5/1/13 3:33:00 PM**	
Dil. Factor:	**3.04**	**Date of Analysis: 5/8/13 08:29 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.47 J	7.5	2.3 J
Freon 114	1.5	Not Detected	11	Not Detected
Chloromethane	15	Not Detected	31	Not Detected
Vinyl Chloride	1.5	Not Detected	3.9	Not Detected
1,3-Butadiene	1.5	Not Detected	3.4	Not Detected
Bromomethane	15	Not Detected	59	Not Detected
Chloroethane	6.1	Not Detected	16	Not Detected
Freon 11	1.5	Not Detected	8.5	Not Detected
Ethanol	6.1	3.3 J	11	6.2 J
Freon 113	1.5	Not Detected	12	Not Detected
1,1-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Acetone	15	9.3 J	36	22 J
2-Propanol	6.1	Not Detected	15	Not Detected
Carbon Disulfide	6.1	~~0.74 J~~	19	~~2.3 J~~
3-Chloropropene	6.1	Not Detected	19	Not Detected
Methylene Chloride	15	Not Detected	53	Not Detected
Methyl tert-butyl ether	1.5	Not Detected	5.5	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Hexane	1.5	Not Detected	5.4	Not Detected
1,1-Dichloroethane	1.5	Not Detected	6.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.1	1.4 J	18	4.2 J
cis-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.5	Not Detected
Chloroform	1.5	Not Detected	7.4	Not Detected
1,1,1-Trichloroethane	1.5	Not Detected	8.3	Not Detected
Cyclohexane	1.5	Not Detected	5.2	Not Detected
Carbon Tetrachloride	1.5	Not Detected	9.6	Not Detected
2,2,4-Trimethylpentane	1.5	Not Detected	7.1	Not Detected
Benzene	1.5	Not Detected	4.8	Not Detected
1,2-Dichloroethane	1.5	Not Detected	6.2	Not Detected
Heptane	1.5	Not Detected	6.2	Not Detected
Trichloroethene	1.5	0.75 J	8.2	4.0 J
1,2-Dichloropropane	1.5	Not Detected	7.0	Not Detected
1,4-Dioxane	6.1	Not Detected	22	Not Detected
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.9	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.2	Not Detected
Toluene	1.5	Not Detected	5.7	Not Detected
trans-1,3-Dichloropropene	1.5	Not Detected	6.9	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.3	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	6.1	Not Detected	25	Not Detected

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Client Sample ID: VMP-24-5-050113

Lab ID#: 1305104A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050818**	**Date of Collection: 5/1/13 3:33:00 PM**	
Dil. Factor:	**3.04**	**Date of Analysis: 5/8/13 08:29 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	12	Not Detected
Chlorobenzene	1.5	~~0.55 J~~	7.0	~~2.6 J~~
Ethyl Benzene	1.5	Not Detected	6.6	Not Detected
m,p-Xylene	1.5	Not Detected	6.6	Not Detected
o-Xylene	1.5	Not Detected	6.6	Not Detected
Styrene	1.5	Not Detected	6.5	Not Detected
Bromoform	1.5	Not Detected	16	Not Detected
Cumene	1.5	Not Detected	7.5	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.5	Not Detected
4-Ethyltoluene	1.5	Not Detected	7.5	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.5	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.5	Not Detected
1,3-Dichlorobenzene	1.5	Not Detected	9.1	Not Detected
1,4-Dichlorobenzene	1.5	Not Detected	9.1	Not Detected
alpha-Chlorotoluene	1.5	Not Detected	7.9	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	9.1	Not Detected
1,2,4-Trichlorobenzene	6.1	Not Detected	45	Not Detected
Hexachlorobutadiene	6.1	Not Detected	65	Not Detected
Butane	6.1	Not Detected	14	Not Detected
Isopentane	6.1	Not Detected	18	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	93	70-130

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Client Sample ID: VMP-51-5-050213

Lab ID#: 1305104A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050819**	**Date of Collection: 5/2/13 9:35:00 AM**	
Dil. Factor:	**2.54**	**Date of Analysis: 5/8/13 08:59 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	0.48 J	6.3	2.4 J
Freon 114	1.3	Not Detected	8.9	Not Detected
Chloromethane	13	Not Detected	26	Not Detected
Vinyl Chloride	1.3	Not Detected	3.2	Not Detected
1,3-Butadiene	1.3	Not Detected	2.8	Not Detected
Bromomethane	13	Not Detected	49	Not Detected
Chloroethane	5.1	Not Detected	13	Not Detected
Freon 11	1.3	0.33 J	7.1	1.9 J
Ethanol	5.1	5.5	9.6	10
Freon 113	1.3	Not Detected	9.7	Not Detected
1,1-Dichloroethene	1.3	Not Detected	5.0	Not Detected
Acetone	13	12 J	30	28 J
2-Propanol	5.1	Not Detected	12	Not Detected
Carbon Disulfide	5.1	7.7	16	24
3-Chloropropene	5.1	Not Detected	16	Not Detected
Methylene Chloride	13	~~0.49 J~~	44	~~1.7 J~~
Methyl tert-butyl ether	1.3	Not Detected	4.6	Not Detected
trans-1,2-Dichloroethene	1.3	Not Detected	5.0	Not Detected
Hexane	1.3	Not Detected	4.5	Not Detected
1,1-Dichloroethane	1.3	Not Detected	5.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.1	1.4 J	15	4.0 J
cis-1,2-Dichloroethene	1.3	Not Detected	5.0	Not Detected
Tetrahydrofuran	1.3	Not Detected	3.7	Not Detected
Chloroform	1.3	1.4	6.2	6.7
1,1,1-Trichloroethane	1.3	0.70 J	6.9	3.8 J
Cyclohexane	1.3	1.5	4.4	5.0
Carbon Tetrachloride	1.3	Not Detected	8.0	Not Detected
2,2,4-Trimethylpentane	1.3	14	5.9	68
Benzene	1.3	0.27 J	4.0	0.88 J
1,2-Dichloroethane	1.3	Not Detected	5.1	Not Detected
Heptane	1.3	Not Detected	5.2	Not Detected
Trichloroethene	1.3	Not Detected	6.8	Not Detected
1,2-Dichloropropane	1.3	Not Detected	5.9	Not Detected
1,4-Dioxane	5.1	Not Detected	18	Not Detected
Bromodichloromethane	1.3	Not Detected	8.5	Not Detected
cis-1,3-Dichloropropene	1.3	Not Detected	5.8	Not Detected
4-Methyl-2-pentanone	1.3	Not Detected	5.2	Not Detected
Toluene	1.3	Not Detected	4.8	Not Detected
trans-1,3-Dichloropropene	1.3	Not Detected	5.8	Not Detected
1,1,2-Trichloroethane	1.3	Not Detected	6.9	Not Detected
Tetrachloroethene	1.3	Not Detected	8.6	Not Detected
2-Hexanone	5.1	Not Detected	21	Not Detected

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Client Sample ID: VMP-51-5-050213

Lab ID#: 1305104A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050819**	**Date of Collection: 5/2/13 9:35:00 AM**	
Dil. Factor:	**2.54**	**Date of Analysis: 5/8/13 08:59 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.3	Not Detected	11	Not Detected
1,2-Dibromoethane (EDB)	1.3	Not Detected	9.8	Not Detected
Chlorobenzene	1.3	0.49 J	5.8	2.2 J
Ethyl Benzene	1.3	Not Detected	5.5	Not Detected
m,p-Xylene	1.3	Not Detected	5.5	Not Detected
o-Xylene	1.3	Not Detected	5.5	Not Detected
Styrene	1.3	Not Detected	5.4	Not Detected
Bromoform	1.3	Not Detected	13	Not Detected
Cumene	1.3	Not Detected	6.2	Not Detected
1,1,2,2-Tetrachloroethane	1.3	Not Detected	8.7	Not Detected
Propylbenzene	1.3	0.43 J	6.2	2.1 J
4-Ethyltoluene	1.3	0.13 J	6.2	0.63 J
1,3,5-Trimethylbenzene	1.3	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.3	Not Detected	6.2	Not Detected
1,3-Dichlorobenzene	1.3	Not Detected	7.6	Not Detected
1,4-Dichlorobenzene	1.3	Not Detected	7.6	Not Detected
alpha-Chlorotoluene	1.3	Not Detected	6.6	Not Detected
1,2-Dichlorobenzene	1.3	Not Detected	7.6	Not Detected
1,2,4-Trichlorobenzene	5.1	Not Detected	38	Not Detected
Hexachlorobutadiene	5.1	Not Detected	54	Not Detected
Butane	5.1	69	12	160
Isopentane	5.1	95	15	280

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: VMP-51-10-050213

Lab ID#: 1305104A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j050820	**Date of Collection:**	5/2/13 10:37:00 AM
Dil. Factor:	2.86	**Date of Analysis:**	5/8/13 09:24 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.51 J	7.1	2.5 J
Freon 114	1.4	Not Detected	10	Not Detected
Chloromethane	14	Not Detected	30	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.2	Not Detected
Bromomethane	14	Not Detected	56	Not Detected
Chloroethane	5.7	Not Detected	15	Not Detected
Freon 11	1.4	0.34 J	8.0	1.9 J
Ethanol	5.7	3.5 J	11	6.6 J
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Acetone	14	9.9 J	34	24 J
2-Propanol	5.7	Not Detected	14	Not Detected
Carbon Disulfide	5.7	3.6 J	18	11 J
3-Chloropropene	5.7	Not Detected	18	Not Detected
Methylene Chloride	14	~~0.69 J~~ U	50	~~2.4 J~~ U
Methyl tert-butyl ether	1.4	Not Detected	5.2	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Hexane	1.4	Not Detected	5.0	Not Detected
1,1-Dichloroethane	1.4	Not Detected	5.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.7	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
Chloroform	1.4	1.2 J	7.0	5.8 J
1,1,1-Trichloroethane	1.4	0.44 J	7.8	2.4 J
Cyclohexane	1.4	2.4	4.9	8.3
Carbon Tetrachloride	1.4	Not Detected	9.0	Not Detected
2,2,4-Trimethylpentane	1.4	24	6.7	110
Benzene	1.4	0.37 J	4.6	1.2 J
1,2-Dichloroethane	1.4	Not Detected	5.8	Not Detected
Heptane	1.4	Not Detected	5.9	Not Detected
Trichloroethene	1.4	Not Detected	7.7	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.6	Not Detected
1,4-Dioxane	5.7	Not Detected	21	Not Detected
Bromodichloromethane	1.4	Not Detected	9.6	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.8	Not Detected
Toluene	1.4	0.26 J	5.4	0.99 J
trans-1,3-Dichloropropene	1.4	~~0.33 J~~ U	6.5	~~1.5 J~~ U
1,1,2-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Tetrachloroethene	1.4	Not Detected	9.7	Not Detected
2-Hexanone	5.7	Not Detected	23	Not Detected

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Client Sample ID: VMP-51-10-050213

Lab ID#: 1305104A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050820**	**Date of Collection: 5/2/13 10:37:00 AM**	
Dil. Factor:	**2.86**	**Date of Analysis: 5/8/13 09:24 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	0.60 J	6.6	2.8 J
Ethyl Benzene	1.4	Not Detected	6.2	Not Detected
m,p-Xylene	1.4	Not Detected	6.2	Not Detected
o-Xylene	1.4	Not Detected	6.2	Not Detected
Styrene	1.4	0.20 J	6.1	0.85 J
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	Not Detected	7.0	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.8	Not Detected
Propylbenzene	1.4	0.25 J	7.0	1.2 J
4-Ethyltoluene	1.4	Not Detected	7.0	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.4	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,2,4-Trichlorobenzene	5.7	Not Detected	42	Not Detected
Hexachlorobutadiene	5.7	Not Detected	61	Not Detected
Butane	5.7	27	14	65
Isopentane	5.7	50	17	150

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	93	70-130

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Client Sample ID: VMP-51-20-050213

Lab ID#: 1305104A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050821**	**Date of Collection: 5/2/13 11:36:00 AM**	
Dil. Factor:	**2.80**	**Date of Analysis: 5/8/13 10:02 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.53 J	6.9	2.6 J
Freon 114	1.4	Not Detected	9.8	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.1	Not Detected
Bromomethane	14	Not Detected	54	Not Detected
Chloroethane	5.6	Not Detected	15	Not Detected
Freon 11	1.4	Not Detected	7.9	Not Detected
Ethanol	5.6	~~1.5 J~~	10	~~2.9 J~~
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Acetone	14	6.6 J	33	16 J
2-Propanol	5.6	Not Detected	14	Not Detected
Carbon Disulfide	5.6	~~0.99 J~~	17	~~3.1 J~~
3-Chloropropene	5.6	Not Detected	18	Not Detected
Methylene Chloride	14	Not Detected	49	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.0	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Hexane	1.4	Not Detected	4.9	Not Detected
1,1-Dichloroethane	1.4	Not Detected	5.7	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.6	2.7 J	16	7.9 J
cis-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.1	Not Detected
Chloroform	1.4	1.0 J	6.8	5.0 J
1,1,1-Trichloroethane	1.4	Not Detected	7.6	Not Detected
Cyclohexane	1.4	0.63 J	4.8	2.2 J
Carbon Tetrachloride	1.4	Not Detected	8.8	Not Detected
2,2,4-Trimethylpentane	1.4	7.3	6.5	34
Benzene	1.4	0.29 J	4.5	0.93 J
1,2-Dichloroethane	1.4	Not Detected	5.7	Not Detected
Heptane	1.4	Not Detected	5.7	Not Detected
Trichloroethene	1.4	Not Detected	7.5	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.5	Not Detected
1,4-Dioxane	5.6	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.4	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
4-Methyl-2-pentanone	1.4	0.48 J	5.7	2.0 J
Toluene	1.4	Not Detected	5.3	Not Detected
trans-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.6	Not Detected
Tetrachloroethene	1.4	Not Detected	9.5	Not Detected
2-Hexanone	5.6	Not Detected	23	Not Detected

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Client Sample ID: VMP-51-20-050213

Lab ID#: 1305104A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050821**	**Date of Collection: 5/2/13 11:36:00 AM**	
Dil. Factor:	**2.80**	**Date of Analysis: 5/8/13 10:02 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	~~0.62 J~~	6.4	~~2.8 J~~
Ethyl Benzene	1.4	Not Detected	6.1	Not Detected
m,p-Xylene	1.4	Not Detected	6.1	Not Detected
o-Xylene	1.4	Not Detected	6.1	Not Detected
Styrene	1.4	Not Detected	6.0	Not Detected
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	Not Detected	6.9	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.6	Not Detected
Propylbenzene	1.4	~~0.26 J~~	6.9	~~1.3 J~~
4-Ethyltoluene	1.4	Not Detected	6.9	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	6.9	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	6.9	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.4	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.4	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.2	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.4	Not Detected
1,2,4-Trichlorobenzene	5.6	Not Detected	42	Not Detected
Hexachlorobutadiene	5.6	Not Detected	60	Not Detected
Butane	5.6	18	13	42
Isopentane	5.6	33	16	97

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	93	70-130

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Client Sample ID: VMP-51-30-050213

Lab ID#: 1305104A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050910**	**Date of Collection: 5/2/13 12:32:00 PM**	
Dil. Factor:	**2.87**	**Date of Analysis: 5/9/13 03:12 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.63 J	7.1	3.1 J
Freon 114	1.4	Not Detected	10	Not Detected
Chloromethane	14	Not Detected	30	Not Detected
Vinyl Chloride	1.4	Not Detected	3.7	Not Detected
1,3-Butadiene	1.4	Not Detected	3.2	Not Detected
Bromomethane	14	Not Detected	56	Not Detected
Chloroethane	5.7	Not Detected	15	Not Detected
Freon 11	1.4	0.37 J	8.1	2.1 J
Ethanol	5.7	Not Detected	11	Not Detected
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Acetone	14	5.8 J	34	14 J
2-Propanol	5.7	Not Detected	14	Not Detected
Carbon Disulfide	5.7	~~1.7 J~~	18	~~5.2 J~~
3-Chloropropene	5.7	Not Detected	18	Not Detected
Methylene Chloride	14	~~0.63 J~~	50	~~2.2 J~~
Methyl tert-butyl ether	1.4	Not Detected	5.2	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Hexane	1.4	0.50 J	5.0	1.8 J
1,1-Dichloroethane	1.4	Not Detected	5.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.7	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
Chloroform	1.4	1.1 J	7.0	5.4 J
1,1,1-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Cyclohexane	1.4	1.2 J	4.9	4.3 J
Carbon Tetrachloride	1.4	Not Detected	9.0	Not Detected
2,2,4-Trimethylpentane	1.4	7.4	6.7	34
Benzene	1.4	~~0.78 J~~	4.6	~~2.5 J~~
1,2-Dichloroethane	1.4	Not Detected	5.8	Not Detected
Heptane	1.4	Not Detected	5.9	Not Detected
Trichloroethene	1.4	~~0.65 J~~	7.7	~~3.5 J~~
1,2-Dichloropropane	1.4	Not Detected	6.6	Not Detected
1,4-Dioxane	5.7	Not Detected	21	Not Detected
Bromodichloromethane	1.4	Not Detected	9.6	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.9	Not Detected
Toluene	1.4	~~0.49 J~~	5.4	~~1.8 J~~
trans-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Tetrachloroethene	1.4	1.8	9.7	12
2-Hexanone	5.7	Not Detected	24	Not Detected

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Client Sample ID: VMP-51-30-050213

Lab ID#: 1305104A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050910**	**Date of Collection: 5/2/13 12:32:00 PM**	
Dil. Factor:	**2.87**	**Date of Analysis: 5/9/13 03:12 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	0.30 J	11	2.3 J
Chlorobenzene	1.4	0.88 J	6.6	4.0 J
Ethyl Benzene	1.4	0.34 J	6.2	1.4 J
m,p-Xylene	1.4	Not Detected	6.2	Not Detected
o-Xylene	1.4	Not Detected	6.2	Not Detected
Styrene	1.4	Not Detected	6.1	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	Not Detected	7.0	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.8	Not Detected
Propylbenzene	1.4	0.20 J	7.0	0.96 J
4-Ethyltoluene	1.4	Not Detected	7.0	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,3-Dichlorobenzene	1.4	0.36 J	8.6	2.2 J
1,4-Dichlorobenzene	1.4	0.48 J	8.6	2.9 J
alpha-Chlorotoluene	1.4	0.32 J	7.4	1.6 J
1,2-Dichlorobenzene	1.4	0.28 J	8.6	1.7 J
1,2,4-Trichlorobenzene	5.7	Not Detected	43	Not Detected
Hexachlorobutadiene	5.7	Not Detected	61	Not Detected
Butane	5.7	11	14	26
Isopentane	5.7	23	17	68

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	111	70-130

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Client Sample ID: VMP-52-5-050213

Lab ID#: 1305104A-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050911**	**Date of Collection: 5/2/13 3:15:00 PM**	
Dil. Factor:	**2.98**	**Date of Analysis: 5/9/13 03:53 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.52 J	7.4	2.6 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	Not Detected	31	Not Detected
Vinyl Chloride	1.5	Not Detected	3.8	Not Detected
1,3-Butadiene	1.5	Not Detected	3.3	Not Detected
Bromomethane	15	Not Detected	58	Not Detected
Chloroethane	6.0	Not Detected	16	Not Detected
Freon 11	1.5	0.34 J	8.4	1.9 J
Ethanol	6.0	2.1 J	11	4.0 J
Freon 113	1.5	Not Detected	11	Not Detected
1,1-Dichloroethene	1.5	Not Detected	5.9	Not Detected
Acetone	15	11 J	35	26 J
2-Propanol	6.0	Not Detected	15	Not Detected
Carbon Disulfide	6.0	~~2.1 J~~	18	~~6.6 J~~
3-Chloropropene	6.0	Not Detected	19	Not Detected
Methylene Chloride	15	~~0.50 J~~	52	~~1.7 J~~
Methyl tert-butyl ether	1.5	Not Detected	5.4	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	5.9	Not Detected
Hexane	1.5	0.93 J	5.2	3.3 J
1,1-Dichloroethane	1.5	Not Detected	6.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.0	1.4 J	18	4.3 J
cis-1,2-Dichloroethene	1.5	Not Detected	5.9	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.4	Not Detected
Chloroform	1.5	Not Detected	7.3	Not Detected
1,1,1-Trichloroethane	1.5	1.6	8.1	8.5
Cyclohexane	1.5	0.96 J	5.1	3.3 J
Carbon Tetrachloride	1.5	Not Detected	9.4	Not Detected
2,2,4-Trimethylpentane	1.5	9.6 J	7.0	45 J
Benzene	1.5	3.7 J	4.8	12 J
1,2-Dichloroethane	1.5	Not Detected	6.0	Not Detected
Heptane	1.5	1.8	6.1	7.2
Trichloroethene	1.5	Not Detected	8.0	Not Detected
1,2-Dichloropropane	1.5	Not Detected	6.9	Not Detected
1,4-Dioxane	6.0	Not Detected	21	Not Detected
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.8	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.1	Not Detected
Toluene	1.5	1.6 J	5.6	6.0 J
trans-1,3-Dichloropropene	1.5	Not Detected	6.8	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.1	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	6.0	Not Detected	24	Not Detected

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Client Sample ID: VMP-52-5-050213

Lab ID#: 1305104A-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050911**	**Date of Collection: 5/2/13 3:15:00 PM**	
Dil. Factor:	**2.98**	**Date of Analysis: 5/9/13 03:53 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	11	Not Detected
Chlorobenzene	1.5	0.78 J	6.8	3.6 J
Ethyl Benzene	1.5	1.7	6.5	7.5
m,p-Xylene	1.5	2.7	6.5	12
o-Xylene	1.5	1.4 J	6.5	6.2 J
Styrene	1.5	0.42 J	6.3	1.8 J
Bromoform	1.5	Not Detected	15	Not Detected
Cumene	1.5	Not Detected	7.3	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	0.17 J	7.3	0.84 J
4-Ethyltoluene	1.5	Not Detected	7.3	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.3	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.3	Not Detected
1,3-Dichlorobenzene	1.5	0.32 J	9.0	1.9 J
1,4-Dichlorobenzene	1.5	0.40 J	9.0	2.4 J
alpha-Chlorotoluene	1.5	0.40 J	7.7	2.1 J
1,2-Dichlorobenzene	1.5	Not Detected	9.0	Not Detected
1,2,4-Trichlorobenzene	6.0	Not Detected	44	Not Detected
Hexachlorobutadiene	6.0	Not Detected	64	Not Detected
Butane	6.0	Not Detected	14	Not Detected
Isopentane	6.0	3.7 J	18	11 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: VMP-52-5-050213-Dup

Lab ID#: 1305104A-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050912**	**Date of Collection: 5/2/13 3:15:00 PM**	
Dil. Factor:	**2.80**	**Date of Analysis: 5/9/13 04:21 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.58 J	6.9	2.9 J
Freon 114	1.4	Not Detected	9.8	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.1	Not Detected
Bromomethane	14	Not Detected	54	Not Detected
Chloroethane	5.6	Not Detected	15	Not Detected
Freon 11	1.4	0.30 J	7.9	1.7 J
Ethanol	5.6	Not Detected	10	Not Detected
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Acetone	14	13 J	33	30 J
2-Propanol	5.6	Not Detected	14	Not Detected
Carbon Disulfide	5.6	~~2.1 J~~	17	~~6.5 J~~
3-Chloropropene	5.6	Not Detected	18	Not Detected
Methylene Chloride	14	~~0.70 J~~	49	~~2.4 J~~
Methyl tert-butyl ether	1.4	Not Detected	5.0	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Hexane	1.4	1.4	4.9	4.9
1,1-Dichloroethane	1.4	Not Detected	5.7	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.6	2.3 J	16	6.9 J
cis-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.1	Not Detected
Chloroform	1.4	Not Detected	6.8	Not Detected
1,1,1-Trichloroethane	1.4	1.4 J	7.6	7.5 J
Cyclohexane	1.4	2.5	4.8	8.7
Carbon Tetrachloride	1.4	Not Detected	8.8	Not Detected
2,2,4-Trimethylpentane	1.4	29 J	6.5	140 J
Benzene	1.4	6.9 J	4.5	22 J
1,2-Dichloroethane	1.4	Not Detected	5.7	Not Detected
Heptane	1.4	2.4	5.7	10
Trichloroethene	1.4	Not Detected	7.5	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.5	Not Detected
1,4-Dioxane	5.6	2.4 J	20	8.6 J
Bromodichloromethane	1.4	Not Detected	9.4	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.7	Not Detected
Toluene	1.4	7.0 J	5.3	26 J
trans-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.6	Not Detected
Tetrachloroethene	1.4	Not Detected	9.5	Not Detected
2-Hexanone	5.6	Not Detected	23	Not Detected

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Client Sample ID: VMP-52-5-050213-Dup

Lab ID#: 1305104A-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050912**	**Date of Collection: 5/2/13 3:15:00 PM**	
Dil. Factor:	**2.80**	**Date of Analysis: 5/9/13 04:21 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	~~0.15 J~~	12	~~1.3 J~~
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	~~0.78 J~~	6.4	~~3.6 J~~
Ethyl Benzene	1.4	1.8	6.1	8.1
m,p-Xylene	1.4	3.3	6.1	14
o-Xylene	1.4	1.5	6.1	6.5
Styrene	1.4	0.53 J	6.0	2.3 J
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	~~0.20 J~~	6.9	~~1.0 J~~
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.6	Not Detected
Propylbenzene	1.4	~~0.37 J~~	6.9	~~1.8 J~~
4-Ethyltoluene	1.4	~~0.60 J~~	6.9	~~2.9 J~~
1,3,5-Trimethylbenzene	1.4	Not Detected	6.9	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	6.9	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.4	Not Detected
1,4-Dichlorobenzene	1.4	~~0.28 J~~	8.4	~~1.6 J~~
alpha-Chlorotoluene	1.4	~~0.38 J~~	7.2	~~2.0 J~~
1,2-Dichlorobenzene	1.4	Not Detected	8.4	Not Detected
1,2,4-Trichlorobenzene	5.6	Not Detected	42	Not Detected
Hexachlorobutadiene	5.6	Not Detected	60	Not Detected
Butane	5.6	Not Detected	13	Not Detected
Isopentane	5.6	13	16	38

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: VMP-52-20-050213

Lab ID#: 1305104A-12A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j050913	**Date of Collection:**	5/2/13 4:25:00 PM
Dil. Factor:	3.01	**Date of Analysis:**	5/9/13 04:47 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.56 J	7.4	2.8 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	Not Detected	31	Not Detected
Vinyl Chloride	1.5	Not Detected	3.8	Not Detected
1,3-Butadiene	1.5	Not Detected	3.3	Not Detected
Bromomethane	15	Not Detected	58	Not Detected
Chloroethane	6.0	Not Detected	16	Not Detected
Freon 11	1.5	Not Detected	8.4	Not Detected
Ethanol	6.0	4.6 J	11	8.7 J
Freon 113	1.5	Not Detected	12	Not Detected
1,1-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Acetone	15	9.7 J	36	23 J
2-Propanol	6.0	Not Detected	15	Not Detected
Carbon Disulfide	6.0	~~2.4 J~~	19	~~7.4 J~~
3-Chloropropene	6.0	Not Detected	19	Not Detected
Methylene Chloride	15	~~0.75 J~~	52	~~2.6 J~~
Methyl tert-butyl ether	1.5	Not Detected	5.4	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Hexane	1.5	0.51 J	5.3	1.8 J
1,1-Dichloroethane	1.5	Not Detected	6.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.0	1.2 J	18	3.5 J
cis-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.4	Not Detected
Chloroform	1.5	1.8	7.3	8.8
1,1,1-Trichloroethane	1.5	Not Detected	8.2	Not Detected
Cyclohexane	1.5	0.68 J	5.2	2.3 J
Carbon Tetrachloride	1.5	Not Detected	9.5	Not Detected
2,2,4-Trimethylpentane	1.5	5.6	7.0	26
Benzene	1.5	~~0.63 J~~	4.8	~~2.0 J~~
1,2-Dichloroethane	1.5	Not Detected	6.1	Not Detected
Heptane	1.5	Not Detected	6.2	Not Detected
Trichloroethene	1.5	Not Detected	8.1	Not Detected
1,2-Dichloropropane	1.5	Not Detected	7.0	Not Detected
1,4-Dioxane	6.0	Not Detected	22	Not Detected
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.8	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.2	Not Detected
Toluene	1.5	Not Detected	5.7	Not Detected
trans-1,3-Dichloropropene	1.5	Not Detected	6.8	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.2	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	6.0	Not Detected	25	Not Detected

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Client Sample ID: VMP-52-20-050213

Lab ID#: 1305104A-12A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050913**	**Date of Collection: 5/2/13 4:25:00 PM**	
Dil. Factor:	**3.01**	**Date of Analysis: 5/9/13 04:47 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	12	Not Detected
Chlorobenzene	1.5	0.68 J	6.9	3.2 J
Ethyl Benzene	1.5	Not Detected	6.5	Not Detected
m,p-Xylene	1.5	Not Detected	6.5	Not Detected
o-Xylene	1.5	Not Detected	6.5	Not Detected
Styrene	1.5	Not Detected	6.4	Not Detected
Bromoform	1.5	Not Detected	16	Not Detected
Cumene	1.5	Not Detected	7.4	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	0.29 J	7.4	1.4 J
4-Ethyltoluene	1.5	0.14 J	7.4	0.68 J
1,3,5-Trimethylbenzene	1.5	Not Detected	7.4	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.4	Not Detected
1,3-Dichlorobenzene	1.5	Not Detected	9.0	Not Detected
1,4-Dichlorobenzene	1.5	0.32 J	9.0	1.9 J
alpha-Chlorotoluene	1.5	0.25 J	7.8	1.3 J
1,2-Dichlorobenzene	1.5	Not Detected	9.0	Not Detected
1,2,4-Trichlorobenzene	6.0	Not Detected	45	Not Detected
Hexachlorobutadiene	6.0	Not Detected	64	Not Detected
Butane	6.0	15	14	36
Isopentane	6.0	17	18	51

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VMP-53-5-050213

Lab ID#: 1305104A-13A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050914**	**Date of Collection: 5/2/13 3:12:00 PM**	
Dil. Factor:	**3.06**	**Date of Analysis: 5/9/13 05:36 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.60 J	7.6	3.0 J
Freon 114	1.5	Not Detected	11	Not Detected
Chloromethane	15	Not Detected	32	Not Detected
Vinyl Chloride	1.5	Not Detected	3.9	Not Detected
1,3-Butadiene	1.5	Not Detected	3.4	Not Detected
Bromomethane	15	Not Detected	59	Not Detected
Chloroethane	6.1	Not Detected	16	Not Detected
Freon 11	1.5	0.35 J	8.6	2.0 J
Ethanol	6.1	6.6	12	12
Freon 113	1.5	Not Detected	12	Not Detected
1,1-Dichloroethene	1.5	Not Detected	6.1	Not Detected
Acetone	15	9.0 J	36	21 J
2-Propanol	6.1	6.2	15	15
Carbon Disulfide	6.1	~~1.6 J~~ U	19	~~4.8 J~~ U
3-Chloropropene	6.1	Not Detected	19	Not Detected
Methylene Chloride	15	~~0.45 J~~ U	53	~~1.6 J~~ U
Methyl tert-butyl ether	1.5	Not Detected	5.5	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	6.1	Not Detected
Hexane	1.5	1.9	5.4	6.7
1,1-Dichloroethane	1.5	Not Detected	6.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.1	Not Detected	18	Not Detected
cis-1,2-Dichloroethene	1.5	Not Detected	6.1	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.5	Not Detected
Chloroform	1.5	Not Detected	7.5	Not Detected
1,1,1-Trichloroethane	1.5	Not Detected	8.3	Not Detected
Cyclohexane	1.5	2.1	5.3	7.2
Carbon Tetrachloride	1.5	Not Detected	9.6	Not Detected
2,2,4-Trimethylpentane	1.5	12	7.1	54
Benzene	~~1.5~~ 1.6	~~1.6~~ U	~~4.9~~ 5.3	~~5.3~~ U
1,2-Dichloroethane	1.5	Not Detected	6.2	Not Detected
Heptane	1.5	1.1 J	6.3	4.4 J
Trichloroethene	1.5	Not Detected	8.2	Not Detected
1,2-Dichloropropane	1.5	Not Detected	7.1	Not Detected
1,4-Dioxane	6.1	Not Detected	22	Not Detected
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.9	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.3	Not Detected
Toluene	1.5	~~0.47 J~~ U	5.8	~~1.8 J~~ U
trans-1,3-Dichloropropene	1.5	~~0.37 J~~ U	6.9	~~1.7 J~~ U
1,1,2-Trichloroethane	1.5	Not Detected	8.3	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	6.1	Not Detected	25	Not Detected

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Client Sample ID: VMP-53-5-050213

Lab ID#: 1305104A-13A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050914**	**Date of Collection: 5/2/13 3:12:00 PM**	
Dil. Factor:	**3.06**	**Date of Analysis: 5/9/13 05:36 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	12	Not Detected
Chlorobenzene	1.5	0.73 J	7.0	3.4 J
Ethyl Benzene	1.5	Not Detected	6.6	Not Detected
m,p-Xylene	1.5	Not Detected	6.6	Not Detected
o-Xylene	1.5	Not Detected	6.6	Not Detected
Styrene	1.5	Not Detected	6.5	Not Detected
Bromoform	1.5	Not Detected	16	Not Detected
Cumene	1.5	Not Detected	7.5	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.5	Not Detected
4-Ethyltoluene	1.5	Not Detected	7.5	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.5	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.5	Not Detected
1,3-Dichlorobenzene	1.5	Not Detected	9.2	Not Detected
1,4-Dichlorobenzene	1.5	0.30 J	9.2	1.8 J
alpha-Chlorotoluene	1.5	0.23 J	7.9	1.2 J
1,2-Dichlorobenzene	1.5	Not Detected	9.2	Not Detected
1,2,4-Trichlorobenzene	6.1	Not Detected	45	Not Detected
Hexachlorobutadiene	6.1	Not Detected	65	Not Detected
Butane	6.1	5.5 J	14	13 J
Isopentane	6.1	10	18	29

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	95	70-130

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* Use these results only. All other data was reported from the 280x dilution analysis

Client Sample ID: VMP-53-10-050313

Lab ID#: 1305104A-14A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050915**	**Date of Collection: 5/3/13 10:16:00 AM**	
Dil. Factor:	**56.0**	**Date of Analysis: 5/9/13 06:11 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	28	Not Detected	140	Not Detected
Freon 114	28	Not Detected	200	Not Detected
Chloromethane	280	Not Detected	580	Not Detected
Vinyl Chloride	28	Not Detected	72	Not Detected
1,3-Butadiene	28	Not Detected	62	Not Detected
Bromomethane	280	Not Detected	1100	Not Detected
Chloroethane	110	Not Detected	300	Not Detected
Freon 11	28	Not Detected	160	Not Detected
Ethanol	110	140	210	270
Freon 113	28	Not Detected	210	Not Detected
1,1-Dichloroethene	28	Not Detected	110	Not Detected
Acetone	280	390	660	920
2-Propanol	110	Not Detected	280	Not Detected
Carbon Disulfide	110	23 J	350	73 J
3-Chloropropene	110	Not Detected	350	Not Detected
Methylene Chloride	280	23 J	970	82 J
Methyl tert-butyl ether	28	Not Detected	100	Not Detected
trans-1,2-Dichloroethene	28	Not Detected	110	Not Detected
Hexane	28	290	99	1000
1,1-Dichloroethane	28	Not Detected	110	Not Detected
2-Butanone (Methyl Ethyl Ketone)	110	Not Detected	330	Not Detected
cis-1,2-Dichloroethene	28	Not Detected	110	Not Detected
Tetrahydrofuran	28	Not Detected	82	Not Detected
Chloroform	28	Not Detected	140	Not Detected
1,1,1-Trichloroethane	28	Not Detected	150	Not Detected
Cyclohexane	28	99	96	340
Carbon Tetrachloride	28	Not Detected	180	Not Detected
2,2,4-Trimethylpentane	28	110	130	520
* Benzene	28	8600	89	27000
1,2-Dichloroethane	28	Not Detected	110	Not Detected
Heptane	28	140	110	590
Trichloroethene	28	Not Detected	150	Not Detected
1,2-Dichloropropane	28	Not Detected	130	Not Detected
1,4-Dioxane	110	Not Detected	400	Not Detected
Bromodichloromethane	28	Not Detected	190	Not Detected
cis-1,3-Dichloropropene	28	Not Detected	130	Not Detected
4-Methyl-2-pentanone	28	21 J	110	86 J
Toluene	28	16 J	100	61 J
trans-1,3-Dichloropropene	28	7.2 J	130	33 J
1,1,2-Trichloroethane	28	Not Detected	150	Not Detected
Tetrachloroethene	28	Not Detected	190	Not Detected
2-Hexanone	110	Not Detected	460	Not Detected

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Client Sample ID: VMP-53-10-050313

Lab ID#: 1305104A-14A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050915**	**Date of Collection: 5/3/13 10:16:00 AM**	
Dil. Factor:	**56.0**	**Date of Analysis: 5/9/13 06:11 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	28	Not Detected	240	Not Detected
1,2-Dibromoethane (EDB)	28	Not Detected	220	Not Detected
Chlorobenzene	28	13 J	130	59 J
Ethyl Benzene	28	13 J	120	56 J
m,p-Xylene	28	22 J	120	96 J
o-Xylene	28	Not Detected	120	Not Detected
Styrene	28	14 J	120	62 J
Bromoform	28	Not Detected	290	Not Detected
Cumene	28	Not Detected	140	Not Detected
1,1,2,2-Tetrachloroethane	28	Not Detected	190	Not Detected
Propylbenzene	28	3.6 J	140	18 J
4-Ethyltoluene	28	6.2 J	140	31 J
1,3,5-Trimethylbenzene	28	Not Detected	140	Not Detected
1,2,4-Trimethylbenzene	28	Not Detected	140	Not Detected
1,3-Dichlorobenzene	28	Not Detected	170	Not Detected
1,4-Dichlorobenzene	28	5.9 J	170	36 J
alpha-Chlorotoluene	28	6.2 J	140	32 J
1,2-Dichlorobenzene	28	Not Detected	170	Not Detected
1,2,4-Trichlorobenzene	110	Not Detected	830	Not Detected
Hexachlorobutadiene	110	Not Detected	1200	Not Detected
Butane	110	520	270	1200
Isopentane	110	1100	330	3300

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	121	70-130

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* Do not use this data. Use all other data

Client Sample ID: VMP-53-10-050313

Lab ID#: 1305104A-14B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j050823	**Date of Collection:**	5/3/13 10:16:00 AM
Dil. Factor:	2.80	**Date of Analysis:**	5/9/13 08:36 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.54 J	6.9	2.7 J
Freon 114	1.4	Not Detected	9.8	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.1	Not Detected
Bromomethane	14	Not Detected	54	Not Detected
Chloroethane	5.6	Not Detected	15	Not Detected
Freon 11	1.4	Not Detected	7.9	Not Detected
Ethanol	5.6	Not Detected	10	Not Detected
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Acetone	14	5.4 J	33	13 J
2-Propanol	5.6	Not Detected	14	Not Detected
Carbon Disulfide	5.6	Not Detected	17	Not Detected
3-Chloropropene	5.6	Not Detected	18	Not Detected
Methylene Chloride	14	Not Detected	49	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.0	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Hexane	1.4	400	4.9	1400
1,1-Dichloroethane	1.4	Not Detected	5.7	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.6	Not Detected	16	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.1	Not Detected
Chloroform	1.4	Not Detected	6.8	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.6	Not Detected
Cyclohexane	1.4	140	4.8	490
Carbon Tetrachloride	1.4	Not Detected	8.8	Not Detected
2,2,4-Trimethylpentane	1.4	160	6.5	730
~~Benzene~~	~~1.4~~	~~>4100 S~~	~~4.5~~	~~>13000 S~~
1,2-Dichloroethane	1.4	Not Detected	5.7	Not Detected
~~Heptane~~	1.4	97	5.7	400
Trichloroethene	1.4	Not Detected	7.5	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.5	Not Detected
1,4-Dioxane	5.6	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.4	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.7	Not Detected
Toluene	1.4	2.3	5.3	8.6
trans-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.6	Not Detected
Tetrachloroethene	1.4	Not Detected	9.5	Not Detected
2-Hexanone	5.6	Not Detected	23	Not Detected

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Client Sample ID: VMP-53-10-050313

Lab ID#: 1305104A-14B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050823**	**Date of Collection: 5/3/13 10:16:00 AM**	
Dil. Factor:	**2.80**	**Date of Analysis: 5/9/13 08:36 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	1.1 J	6.4	5.3 J
Ethyl Benzene	1.4	12	6.1	51
m,p-Xylene	1.4	21	6.1	90
o-Xylene	1.4	2.8	6.1	12
Styrene	1.4	0.21 J	6.0	0.88 J
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	3.8	6.9	18
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.6	Not Detected
Propylbenzene	1.4	1.9	6.9	9.5
4-Ethyltoluene	1.4	2.6	6.9	13
1,3,5-Trimethylbenzene	1.4	1.4 J	6.9	6.8 J
1,2,4-Trimethylbenzene	1.4	2.4	6.9	12
1,3-Dichlorobenzene	1.4	Not Detected	8.4	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.4	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.2	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.4	Not Detected
1,2,4-Trichlorobenzene	5.6	Not Detected	42	Not Detected
Hexachlorobutadiene	5.6	Not Detected	60	Not Detected
Butane	5.6	590 E	13	1400 E
Isopentane	5.6	1400 E	16	4000 E

J = Estimated value.
S = Saturated peak; data reported as estimated.
E = Exceeds instrument calibration range.
Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: VMP-53-20-050313

Lab ID#: 1305104A-15A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050813**	**Date of Collection: 5/3/13 11:08:00 AM**	
Dil. Factor:	**2.90**	**Date of Analysis: 5/8/13 04:48 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.57 J	7.2	2.8 J
Freon 114	1.4	Not Detected	10	Not Detected
Chloromethane	14	Not Detected	30	Not Detected
Vinyl Chloride	1.4	Not Detected	3.7	Not Detected
1,3-Butadiene	1.4	Not Detected	3.2	Not Detected
Bromomethane	14	Not Detected	56	Not Detected
Chloroethane	5.8	Not Detected	15	Not Detected
Freon 11	1.4	Not Detected	8.1	Not Detected
Ethanol	5.8	2.9 J	11	5.4 J
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Acetone	14	9.6 J	34	23 J
2-Propanol	5.8	Not Detected	14	Not Detected
Carbon Disulfide	5.8	~~0.95 J~~	18	~~3.0 J~~
3-Chloropropene	5.8	Not Detected	18	Not Detected
Methylene Chloride	14	Not Detected	50	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.2	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Hexane	1.4	Not Detected	5.1	Not Detected
1,1-Dichloroethane	1.4	Not Detected	5.9	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.8	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.3	Not Detected
Chloroform	1.4	Not Detected	7.1	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.9	Not Detected
Cyclohexane	1.4	Not Detected	5.0	Not Detected
Carbon Tetrachloride	1.4	Not Detected	9.1	Not Detected
2,2,4-Trimethylpentane	1.4	0.43 J	6.8	2.0 J
Benzene	1.4	Not Detected	4.6	Not Detected
1,2-Dichloroethane	1.4	Not Detected	5.9	Not Detected
Heptane	1.4	Not Detected	5.9	Not Detected
Trichloroethene	1.4	Not Detected	7.8	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.7	Not Detected
1,4-Dioxane	5.8	Not Detected	21	Not Detected
Bromodichloromethane	1.4	Not Detected	9.7	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.6	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.9	Not Detected
Toluene	1.4	Not Detected	5.5	Not Detected
trans-1,3-Dichloropropene	1.4	Not Detected	6.6	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.9	Not Detected
Tetrachloroethene	1.4	Not Detected	9.8	Not Detected
2-Hexanone	5.8	Not Detected	24	Not Detected

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Client Sample ID: VMP-53-20-050313

Lab ID#: 1305104A-15A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050813**	**Date of Collection: 5/3/13 11:08:00 AM**	
Dil. Factor:	**2.90**	**Date of Analysis: 5/8/13 04:48 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	0.64 J	6.7	3.0 J
Ethyl Benzene	1.4	Not Detected	6.3	Not Detected
m,p-Xylene	1.4	Not Detected	6.3	Not Detected
o-Xylene	1.4	Not Detected	6.3	Not Detected
Styrene	1.4	Not Detected	6.2	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	Not Detected	7.1	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	10	Not Detected
Propylbenzene	1.4	Not Detected	7.1	Not Detected
4-Ethyltoluene	1.4	Not Detected	7.1	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.7	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.7	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.5	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.7	Not Detected
1,2,4-Trichlorobenzene	5.8	Not Detected	43	Not Detected
Hexachlorobutadiene	5.8	Not Detected	62	Not Detected
Butane	5.8	Not Detected	14	Not Detected
Isopentane	5.8	Not Detected	17	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: VMP-53-30-050313

Lab ID#: 1305104A-16A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050812**	**Date of Collection: 5/3/13 11:56:00 AM**	
Dil. Factor:	**2.78**	**Date of Analysis: 5/8/13 04:09 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.56 J	6.9	2.8 J
Freon 114	1.4	Not Detected	9.7	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.1	Not Detected
Bromomethane	14	Not Detected	54	Not Detected
Chloroethane	5.6	Not Detected	15	Not Detected
Freon 11	1.4	0.29 J	7.8	1.6 J
Ethanol	5.6	Not Detected	10	Not Detected
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.5	Not Detected
Acetone	14	5.0 J	33	12 J
2-Propanol	5.6	Not Detected	14	Not Detected
Carbon Disulfide	5.6	~~0.90 J~~	17	~~2.8 J~~
3-Chloropropene	5.6	Not Detected	17	Not Detected
Methylene Chloride	14	Not Detected	48	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.0	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.5	Not Detected
Hexane	1.4	Not Detected	4.9	Not Detected
1,1-Dichloroethane	1.4	Not Detected	5.6	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.6	Not Detected	16	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.5	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.1	Not Detected
Chloroform	1.4	1.4	6.8	7.1
1,1,1-Trichloroethane	1.4	Not Detected	7.6	Not Detected
Cyclohexane	1.4	Not Detected	4.8	Not Detected
Carbon Tetrachloride	1.4	Not Detected	8.7	Not Detected
2,2,4-Trimethylpentane	1.4	Not Detected	6.5	Not Detected
Benzene	1.4	8.9	4.4	28
1,2-Dichloroethane	1.4	Not Detected	5.6	Not Detected
Heptane	1.4	Not Detected	5.7	Not Detected
Trichloroethene	1.4	Not Detected	7.5	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.4	Not Detected
1,4-Dioxane	5.6	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.3	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.3	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.7	Not Detected
Toluene	1.4	Not Detected	5.2	Not Detected
trans-1,3-Dichloropropene	1.4	~~0.34 J~~	6.3	~~1.5 J~~
1,1,2-Trichloroethane	1.4	Not Detected	7.6	Not Detected
Tetrachloroethene	1.4	Not Detected	9.4	Not Detected
2-Hexanone	5.6	Not Detected	23	Not Detected

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Client Sample ID: VMP-53-30-050313

Lab ID#: 1305104A-16A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050812**	**Date of Collection: 5/3/13 11:56:00 AM**	
Dil. Factor:	**2.78**	**Date of Analysis: 5/8/13 04:09 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	0.70 J	6.4	3.2 J
Ethyl Benzene	1.4	Not Detected	6.0	Not Detected
m,p-Xylene	1.4	Not Detected	6.0	Not Detected
o-Xylene	1.4	Not Detected	6.0	Not Detected
Styrene	1.4	Not Detected	5.9	Not Detected
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	Not Detected	6.8	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.5	Not Detected
Propylbenzene	1.4	Not Detected	6.8	Not Detected
4-Ethyltoluene	1.4	Not Detected	6.8	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	6.8	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	6.8	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.4	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.4	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.2	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.4	Not Detected
1,2,4-Trichlorobenzene	5.6	Not Detected	41	Not Detected
Hexachlorobutadiene	5.6	Not Detected	59	Not Detected
Butane	5.6	Not Detected	13	Not Detected
Isopentane	5.6	Not Detected	16	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	92	70-130

Client Sample ID: VMP-54-5-050213

Lab ID#: 1305104A-17A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050811**	**Date of Collection:**	**5/2/13 9:20:00 AM**
Dil. Factor:	**2.53**	**Date of Analysis:**	**5/8/13 03:31 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	0.51 J	6.2	2.5 J
Freon 114	1.3	Not Detected	8.8	Not Detected
Chloromethane	13	Not Detected	26	Not Detected
Vinyl Chloride	1.3	Not Detected	3.2	Not Detected
1,3-Butadiene	1.3	Not Detected	2.8	Not Detected
Bromomethane	13	Not Detected	49	Not Detected
Chloroethane	5.1	Not Detected	13	Not Detected
Freon 11	1.3	0.30 J	7.1	1.7 J
Ethanol	5.1	4.4 J	9.5	8.4 J
Freon 113	1.3	Not Detected	9.7	Not Detected
1,1-Dichloroethene	1.3	Not Detected	5.0	Not Detected
Acetone	13	17	30	41
2-Propanol	5.1	Not Detected	12	Not Detected
Carbon Disulfide	5.1	~~0.99 J~~	16	~~3.1 J~~
3-Chloropropene	5.1	Not Detected	16	Not Detected
Methylene Chloride	13	1.7 J	44	5.9 J
Methyl tert-butyl ether	1.3	Not Detected	4.6	Not Detected
trans-1,2-Dichloroethene	1.3	Not Detected	5.0	Not Detected
Hexane	1.3	0.44 J	4.4	1.5 J
1,1-Dichloroethane	1.3	Not Detected	5.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.1	1.1 J	15	3.2 J
cis-1,2-Dichloroethene	1.3	Not Detected	5.0	Not Detected
Tetrahydrofuran	1.3	Not Detected	3.7	Not Detected
Chloroform	1.3	Not Detected	6.2	Not Detected
1,1,1-Trichloroethane	1.3	Not Detected	6.9	Not Detected
Cyclohexane	1.3	1.9	4.4	6.5
Carbon Tetrachloride	1.3	Not Detected	8.0	Not Detected
2,2,4-Trimethylpentane	1.3	0.46 J	5.9	2.2 J
Benzene	1.3	2.9	4.0	9.3
1,2-Dichloroethane	1.3	Not Detected	5.1	Not Detected
Heptane	1.3	Not Detected	5.2	Not Detected
Trichloroethene	1.3	0.75 J	6.8	4.0 J
1,2-Dichloropropane	1.3	Not Detected	5.8	Not Detected
1,4-Dioxane	5.1	Not Detected	18	Not Detected
Bromodichloromethane	1.3	Not Detected	8.5	Not Detected
cis-1,3-Dichloropropene	1.3	Not Detected	5.7	Not Detected
4-Methyl-2-pentanone	1.3	Not Detected	5.2	Not Detected
Toluene	1.3	1.1 J	4.8	4.0 J
trans-1,3-Dichloropropene	1.3	~~0.31 J~~	5.7	~~1.4 J~~
1,1,2-Trichloroethane	1.3	Not Detected	6.9	Not Detected
Tetrachloroethene	1.3	0.59 J	8.6	4.0 J
2-Hexanone	5.1	Not Detected	21	Not Detected

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Client Sample ID: VMP-54-5-050213

Lab ID#: 1305104A-17A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050811**	**Date of Collection: 5/2/13 9:20:00 AM**	
Dil. Factor:	**2.53**	**Date of Analysis: 5/8/13 03:31 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.3	Not Detected	11	Not Detected
1,2-Dibromoethane (EDB)	1.3	Not Detected	9.7	Not Detected
Chlorobenzene	1.3	~~0.66 J~~ U	5.8	~~3.0 J~~ U
Ethyl Benzene	1.3	Not Detected	5.5	Not Detected
m,p-Xylene	1.3	Not Detected	5.5	Not Detected
o-Xylene	1.3	Not Detected	5.5	Not Detected
Styrene	1.3	Not Detected	5.4	Not Detected
Bromoform	1.3	Not Detected	13	Not Detected
Cumene	1.3	Not Detected	6.2	Not Detected
1,1,2,2-Tetrachloroethane	1.3	Not Detected	8.7	Not Detected
Propylbenzene	1.3	Not Detected	6.2	Not Detected
4-Ethyltoluene	1.3	Not Detected	6.2	Not Detected
1,3,5-Trimethylbenzene	1.3	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.3	Not Detected	6.2	Not Detected
1,3-Dichlorobenzene	1.3	Not Detected	7.6	Not Detected
1,4-Dichlorobenzene	1.3	~~0.26 J~~ U	7.6	~~1.5 J~~ U
alpha-Chlorotoluene	1.3	~~0.16 J~~ U	6.5	~~0.81 J~~ U
1,2-Dichlorobenzene	1.3	Not Detected	7.6	Not Detected
1,2,4-Trichlorobenzene	5.1	Not Detected	38	Not Detected
Hexachlorobutadiene	5.1	Not Detected	54	Not Detected
Butane	5.1	8.7	12	21
Isopentane	5.1	3.4 J	15	10 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	96	70-130

Client Sample ID: VMP-54-10-050213

Lab ID#: 1305104A-18A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050810**	**Date of Collection:**	**5/2/13 10:14:00 AM**
Dil. Factor:	**2.96**	**Date of Analysis:**	**5/8/13 02:56 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.63 J	7.3	3.1 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	2.1 J	30	4.3 J
Vinyl Chloride	1.5	Not Detected	3.8	Not Detected
1,3-Butadiene	1.5	Not Detected	3.3	Not Detected
Bromomethane	15	Not Detected	57	Not Detected
Chloroethane	5.9	Not Detected	16	Not Detected
Freon 11	1.5	Not Detected	8.3	Not Detected
Ethanol	5.9	~~2.8 J~~	11	~~5.2 J~~
Freon 113	1.5	Not Detected	11	Not Detected
1,1-Dichloroethene	1.5	Not Detected	5.9	Not Detected
Acetone	15	6.6 J	35	16 J
2-Propanol	5.9	Not Detected	14	Not Detected
Carbon Disulfide	5.9	~~1.3 J~~	18	~~3.9 J~~
3-Chloropropene	5.9	Not Detected	18	Not Detected
Methylene Chloride	15	Not Detected	51	Not Detected
Methyl tert-butyl ether	1.5	Not Detected	5.3	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	5.9	Not Detected
Hexane	1.5	0.50 J	5.2	1.8 J
1,1-Dichloroethane	1.5	Not Detected	6.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.9	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.5	Not Detected	5.9	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.4	Not Detected
Chloroform	1.5	Not Detected	7.2	Not Detected
1,1,1-Trichloroethane	1.5	Not Detected	8.1	Not Detected
Cyclohexane	1.5	Not Detected	5.1	Not Detected
Carbon Tetrachloride	1.5	Not Detected	9.3	Not Detected
2,2,4-Trimethylpentane	1.5	2.0	6.9	9.6
Benzene	1.5	0.44 J	4.7	1.4 J
1,2-Dichloroethane	1.5	Not Detected	6.0	Not Detected
Heptane	1.5	0.40 J	6.1	1.6 J
Trichloroethene	1.5	Not Detected	8.0	Not Detected
1,2-Dichloropropane	1.5	Not Detected	6.8	Not Detected
1,4-Dioxane	5.9	Not Detected	21	Not Detected
Bromodichloromethane	1.5	Not Detected	9.9	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.7	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.1	Not Detected
Toluene	1.5	0.27 J	5.6	1.0 J
trans-1,3-Dichloropropene	1.5	~~0.38 J~~	6.7	~~1.7 J~~
1,1,2-Trichloroethane	1.5	Not Detected	8.1	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	5.9	Not Detected	24	Not Detected

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Client Sample ID: VMP-54-10-050213

Lab ID#: 1305104A-18A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050810**	**Date of Collection: 5/2/13 10:14:00 AM**	
Dil. Factor:	**2.96**	**Date of Analysis: 5/8/13 02:56 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	11	Not Detected
Chlorobenzene	1.5	~~0.75 J~~	6.8	~~3.4 J~~
Ethyl Benzene	1.5	Not Detected	6.4	Not Detected
m,p-Xylene	1.5	Not Detected	6.4	Not Detected
o-Xylene	1.5	Not Detected	6.4	Not Detected
Styrene	1.5	Not Detected	6.3	Not Detected
Bromoform	1.5	Not Detected	15	Not Detected
Cumene	1.5	Not Detected	7.3	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	~~0.20 J~~	7.3	~~0.98 J~~
4-Ethyltoluene	1.5	Not Detected	7.3	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.3	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.3	Not Detected
1,3-Dichlorobenzene	1.5	~~0.28 J~~	8.9	~~1.7 J~~
1,4-Dichlorobenzene	1.5	Not Detected	8.9	Not Detected
alpha-Chlorotoluene	1.5	~~0.21 J~~	7.7	~~1.1 J~~
1,2-Dichlorobenzene	1.5	Not Detected	8.9	Not Detected
1,2,4-Trichlorobenzene	5.9	Not Detected	44	Not Detected
Hexachlorobutadiene	5.9	Not Detected	63	Not Detected
Butane	5.9	3.1 J	14	7.3 J
Isopentane	5.9	Not Detected	17	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	94	70-130

Client Sample ID: VMP-54-20-050213

Lab ID#: 1305104A-19A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050809**	**Date of Collection: 5/2/13 11:05:00 AM**	
Dil. Factor:	**2.71**	**Date of Analysis: 5/8/13 02:28 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.62 J	6.7	3.1 J
Freon 114	1.4	Not Detected	9.5	Not Detected
Chloromethane	14	Not Detected	28	Not Detected
Vinyl Chloride	1.4	Not Detected	3.5	Not Detected
1,3-Butadiene	1.4	Not Detected	3.0	Not Detected
Bromomethane	14	Not Detected	53	Not Detected
Chloroethane	5.4	Not Detected	14	Not Detected
Freon 11	1.4	Not Detected	7.6	Not Detected
Ethanol	5.4	~~1.8 J~~ U	10	~~3.4 J~~ U
Freon 113	1.4	Not Detected	10	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Acetone	14	7.3 J	32	17 J
2-Propanol	5.4	Not Detected	13	Not Detected
Carbon Disulfide	5.4	~~1.0 J~~ U	17	~~3.1 J~~ U
3-Chloropropene	5.4	Not Detected	17	Not Detected
Methylene Chloride	14	~~0.71 J~~ U	47	~~2.5 J~~ U
Methyl tert-butyl ether	1.4	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Hexane	1.4	Not Detected	4.8	Not Detected
1,1-Dichloroethane	1.4	Not Detected	5.5	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.4	1.3 J	16	3.8 J
cis-1,2-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.0	Not Detected
Chloroform	1.4	Not Detected	6.6	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.4	Not Detected
Cyclohexane	1.4	Not Detected	4.7	Not Detected
Carbon Tetrachloride	1.4	Not Detected	8.5	Not Detected
2,2,4-Trimethylpentane	1.4	0.15 J	6.3	0.69 J
Benzene	1.4	0.40 J	4.3	1.3 J
1,2-Dichloroethane	1.4	Not Detected	5.5	Not Detected
Heptane	1.4	0.35 J	5.6	1.4 J
Trichloroethene	1.4	Not Detected	7.3	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.3	Not Detected
1,4-Dioxane	5.4	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.1	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.1	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.6	Not Detected
Toluene	1.4	0.30 J	5.1	1.2 J
trans-1,3-Dichloropropene	1.4	~~0.42 J~~ U	6.1	~~1.9 J~~ U
1,1,2-Trichloroethane	1.4	Not Detected	7.4	Not Detected
Tetrachloroethene	1.4	0.52 J	9.2	3.5 J
2-Hexanone	5.4	Not Detected	22	Not Detected

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Client Sample ID: VMP-54-20-050213

Lab ID#: 1305104A-19A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050809**	**Date of Collection: 5/2/13 11:05:00 AM**	
Dil. Factor:	**2.71**	**Date of Analysis: 5/8/13 02:28 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	10	Not Detected
Chlorobenzene	1.4	~~0.59 J~~ U	6.2	~~2.7 J~~ U
Ethyl Benzene	1.4	Not Detected	5.9	Not Detected
m,p-Xylene	1.4	Not Detected	5.9	Not Detected
o-Xylene	1.4	Not Detected	5.9	Not Detected
Styrene	1.4	Not Detected	5.8	Not Detected
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	Not Detected	6.7	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.3	Not Detected
Propylbenzene	1.4	Not Detected	6.7	Not Detected
4-Ethyltoluene	1.4	Not Detected	6.7	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	6.7	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	6.7	Not Detected
1,3-Dichlorobenzene	1.4	~~0.28 J~~ U	8.1	~~1.7 J~~ U
1,4-Dichlorobenzene	1.4	~~0.34 J~~ U	8.1	~~2.1 J~~ U
alpha-Chlorotoluene	1.4	~~0.20 J~~ U	7.0	~~1.0 J~~ U
1,2-Dichlorobenzene	1.4	Not Detected	8.1	Not Detected
1,2,4-Trichlorobenzene	5.4	Not Detected	40	Not Detected
Hexachlorobutadiene	5.4	Not Detected	58	Not Detected
Butane	5.4	2.2 J	13	5.3 J
Isopentane	5.4	Not Detected	16	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	95	70-130

Client Sample ID: VMP-54-30-050213

Lab ID#: 1305104A-20A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j050822	**Date of Collection:**	5/2/13 11:52:00 AM
Dil. Factor:	2.89	**Date of Analysis:**	5/8/13 10:44 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.52 J	7.1	2.5 J
Freon 114	1.4	Not Detected	10	Not Detected
Chloromethane	14	Not Detected	30	Not Detected
Vinyl Chloride	1.4	Not Detected	3.7	Not Detected
1,3-Butadiene	1.4	Not Detected	3.2	Not Detected
Bromomethane	14	Not Detected	56	Not Detected
Chloroethane	5.8	Not Detected	15	Not Detected
Freon 11	1.4	Not Detected	8.1	Not Detected
Ethanol	5.8	Not Detected	11	Not Detected
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Acetone	14	4.4 J	34	10 J
2-Propanol	5.8	Not Detected	14	Not Detected
Carbon Disulfide	5.8	Not Detected	18	Not Detected
3-Chloropropene	5.8	Not Detected	18	Not Detected
Methylene Chloride	14	Not Detected	50	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.2	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Hexane	1.4	1.4 J	5.1	4.9 J
1,1-Dichloroethane	1.4	Not Detected	5.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.8	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.3	Not Detected
Chloroform	1.4	Not Detected	7.0	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.9	Not Detected
Cyclohexane	1.4	0.72 J	5.0	2.5 J
Carbon Tetrachloride	1.4	Not Detected	9.1	Not Detected
2,2,4-Trimethylpentane	1.4	1.2 J	6.8	5.7 J
Benzene	1.4	4.5	4.6	14
1,2-Dichloroethane	1.4	Not Detected	5.8	Not Detected
Heptane	1.4	1.8	5.9	7.3
Trichloroethene	1.4	Not Detected	7.8	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.7	Not Detected
1,4-Dioxane	5.8	2.0 J	21	7.3 J
Bromodichloromethane	1.4	Not Detected	9.7	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.6	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.9	Not Detected
Toluene	1.4	1.4	5.4	5.4
trans-1,3-Dichloropropene	1.4	Not Detected	6.6	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.9	Not Detected
Tetrachloroethene	1.4	0.66 J	9.8	4.5 J
2-Hexanone	5.8	Not Detected	24	Not Detected

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Client Sample ID: VMP-54-30-050213

Lab ID#: 1305104A-20A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050822**	**Date of Collection: 5/2/13 11:52:00 AM**	
Dil. Factor:	**2.89**	**Date of Analysis: 5/8/13 10:44 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	~~0.67 J~~	6.6	~~3.1 J~~
Ethyl Benzene	1.4	1.8	6.3	7.9
m,p-Xylene	1.4	3.4	6.3	15
o-Xylene	1.4	1.6	6.3	6.8
Styrene	1.4	Not Detected	6.2	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	Not Detected	7.1	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.9	Not Detected
Propylbenzene	1.4	Not Detected	7.1	Not Detected
4-Ethyltoluene	1.4	0.65 J	7.1	3.2 J
1,3,5-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.7	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.7	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.5	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.7	Not Detected
1,2,4-Trichlorobenzene	5.8	Not Detected	43	Not Detected
Hexachlorobutadiene	5.8	Not Detected	62	Not Detected
Butane	5.8	2.6 J	14	6.2 J
Isopentane	5.8	2.7 J	17	8.0 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	93	70-130

Client Sample ID: VMP-54-30-050213-Dup

Lab ID#: 1305104A-21A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050808**	**Date of Collection: 5/2/13 11:52:00 AM**	
Dil. Factor:	**2.88**	**Date of Analysis: 5/8/13 01:18 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.65 J	7.1	3.2 J
Freon 114	1.4	Not Detected	10	Not Detected
Chloromethane	14	Not Detected	30	Not Detected
Vinyl Chloride	1.4	Not Detected	3.7	Not Detected
1,3-Butadiene	1.4	Not Detected	3.2	Not Detected
Bromomethane	14	Not Detected	56	Not Detected
Chloroethane	5.8	Not Detected	15	Not Detected
Freon 11	1.4	Not Detected	8.1	Not Detected
Ethanol	5.8	Not Detected	11	Not Detected
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Acetone	14	4.6 J	34	11 J
2-Propanol	5.8	Not Detected	14	Not Detected
Carbon Disulfide	5.8	~~1.1 J~~	18	~~3.5 J~~
3-Chloropropene	5.8	Not Detected	18	Not Detected
Methylene Chloride	14	~~0.51 J~~	50	~~1.8 J~~
Methyl tert-butyl ether	1.4	Not Detected	5.2	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Hexane	1.4	2.2	5.1	7.6
1,1-Dichloroethane	1.4	Not Detected	5.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.8	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
Chloroform	1.4	Not Detected	7.0	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Cyclohexane	1.4	0.96 J	5.0	3.3 J
Carbon Tetrachloride	1.4	Not Detected	9.1	Not Detected
2,2,4-Trimethylpentane	1.4	1.7	6.7	8.1
Benzene	1.4	5.8	4.6	18
1,2-Dichloroethane	1.4	Not Detected	5.8	Not Detected
Heptane	1.4	2.6	5.9	11
Trichloroethene	1.4	0.39 J	7.7	2.1 J
1,2-Dichloropropane	1.4	Not Detected	6.6	Not Detected
1,4-Dioxane	5.8	Not Detected	21	Not Detected
Bromodichloromethane	1.4	Not Detected	9.6	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.9	Not Detected
Toluene	1.4	1.6	5.4	6.1
trans-1,3-Dichloropropene	1.4	~~0.40 J~~	6.5	~~1.8 J~~
1,1,2-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Tetrachloroethene	1.4	0.64 J	9.8	4.3 J
2-Hexanone	5.8	Not Detected	24	Not Detected

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Client Sample ID: VMP-54-30-050213-Dup

Lab ID#: 1305104A-21A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050808**	**Date of Collection: 5/2/13 11:52:00 AM**	
Dil. Factor:	**2.88**	**Date of Analysis: 5/8/13 01:18 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	~~0.19 J~~	12	~~1.6 J~~
1,2-Dibromoethane (EDB)	1.4	~~0.31 J~~	11	~~2.4 J~~
Chlorobenzene	1.4	~~0.76 J~~	6.6	~~3.5 J~~
Ethyl Benzene	1.4	2.1	6.2	9.0
m,p-Xylene	1.4	3.7	6.2	16
o-Xylene	1.4	1.8	6.2	7.8
Styrene	1.4	~~0.14 J~~	6.1	~~0.59 J~~
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	Not Detected	7.1	Not Detected
1,1,2,2-Tetrachloroethane	1.4	~~0.18 J~~	9.9	~~1.2 J~~
Propylbenzene	1.4	~~0.16 J~~	7.1	~~0.80 J~~
4-Ethyltoluene	1.4	0.64 J	7.1	3.2 J
1,3,5-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
1,3-Dichlorobenzene	1.4	~~0.37 J~~	8.6	~~2.2 J~~
1,4-Dichlorobenzene	1.4	~~0.38 J~~	8.6	~~2.3 J~~
alpha-Chlorotoluene	1.4	~~0.23 J~~	7.4	~~1.2 J~~
1,2-Dichlorobenzene	1.4	~~0.27 J~~	8.6	~~1.6 J~~
1,2,4-Trichlorobenzene	5.8	Not Detected	43	Not Detected
Hexachlorobutadiene	5.8	Not Detected	61	Not Detected
Butane	5.8	4.0 J	14	9.4 J
Isopentane	5.8	4.1 J	17	12 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1305104A-22A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050805a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/8/13 11:14 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	0.40 J	3.8	0.76 J
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	0.47 J	6.2	1.4 J
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	0.21 J	17	0.74 J
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	0.061 J	3.1	0.38 J
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	0.12 J	2.0	0.49 J
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	0.28 J	7.2	1.0 J
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	0.18 J	2.3	0.80 J
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1305104A-22A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050805a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/8/13 11:14 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	0.088 J	4.2	0.75 J
1,2-Dibromoethane (EDB)	0.50	0.12 J	3.8	0.96 J
Chlorobenzene	0.50	0.25 J	2.3	1.2 J
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	0.056 J	2.1	0.24 J
Bromoform	0.50	0.081 J	5.2	0.84 J
Cumene	0.50	0.076 J	2.4	0.38 J
1,1,2,2-Tetrachloroethane	0.50	0.085 J	3.4	0.58 J
Propylbenzene	0.50	0.13 J	2.4	0.64 J
4-Ethyltoluene	0.50	0.083 J	2.4	0.41 J
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	0.17 J	3.0	1.0 J
1,4-Dichlorobenzene	0.50	0.24 J	3.0	1.5 J
alpha-Chlorotoluene	0.50	0.16 J	2.6	0.84 J
1,2-Dichlorobenzene	0.50	0.19 J	3.0	1.2 J
1,2,4-Trichlorobenzene	2.0	0.73 J	15	5.4 J
Hexachlorobutadiene	2.0	0.47 J	21	5.0 J
Butane	2.0	Not Detected	4.8	Not Detected
Isopentane	2.0	Not Detected	5.9	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1305104A-22B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050905a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/9/13 11:52 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	0.54 J	12	1.3 J
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	0.62 J	6.2	1.9 J
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	0.32 J	17	1.1 J
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	0.20 J	2.0	0.80 J
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	0.15 J	2.0	0.59 J
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	0.36 J	1.6	1.2 J
1,2-Dichloroethane	0.50	0.18 J	2.0	0.72 J
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	0.22 J	2.7	1.2 J
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	0.27 J	7.2	0.98 J
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	0.15 J	2.3	0.68 J
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	0.12 J	1.9	0.44 J
trans-1,3-Dichloropropene	0.50	0.24 J	2.3	1.1 J
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1305104A-22B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050905a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/9/13 11:52 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	0.11 J	4.2	0.91 J
1,2-Dibromoethane (EDB)	0.50	0.18 J	3.8	1.4 J
Chlorobenzene	0.50	0.34 J	2.3	1.5 J
Ethyl Benzene	0.50	0.11 J	2.2	0.48 J
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	0.14 J	2.2	0.62 J
Styrene	0.50	0.078 J	2.1	0.33 J
Bromoform	0.50	0.092 J	5.2	0.95 J
Cumene	0.50	0.11 J	2.4	0.55 J
1,1,2,2-Tetrachloroethane	0.50	0.14 J	3.4	0.96 J
Propylbenzene	0.50	0.18 J	2.4	0.89 J
4-Ethyltoluene	0.50	0.16 J	2.4	0.80 J
1,3,5-Trimethylbenzene	0.50	0.19 J	2.4	0.92 J
1,2,4-Trimethylbenzene	0.50	0.21 J	2.4	1.0 J
1,3-Dichlorobenzene	0.50	0.27 J	3.0	1.6 J
1,4-Dichlorobenzene	0.50	0.30 J	3.0	1.8 J
alpha-Chlorotoluene	0.50	0.20 J	2.6	1.0 J
1,2-Dichlorobenzene	0.50	0.29 J	3.0	1.7 J
1,2,4-Trichlorobenzene	2.0	1.0 J	15	7.6 J
Hexachlorobutadiene	2.0	0.74 J	21	7.9 J
Butane	2.0	Not Detected	4.8	Not Detected
Isopentane	2.0	Not Detected	5.9	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: CCV

Lab ID#: 1305104A-23A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/8/13 09:20 AM**	

Compound	%Recovery
Freon 12	93
Freon 114	96
Chloromethane	99
Vinyl Chloride	101
1,3-Butadiene	95
Bromomethane	107
Chloroethane	100
Freon 11	93
Ethanol	88
Freon 113	95
1,1-Dichloroethene	93
Acetone	100
2-Propanol	94
Carbon Disulfide	96
3-Chloropropene	94
Methylene Chloride	92
Methyl tert-butyl ether	105
trans-1,2-Dichloroethene	96
Hexane	97
1,1-Dichloroethane	97
2-Butanone (Methyl Ethyl Ketone)	100
cis-1,2-Dichloroethene	96
Tetrahydrofuran	96
Chloroform	96
1,1,1-Trichloroethane	91
Cyclohexane	98
Carbon Tetrachloride	96
2,2,4-Trimethylpentane	97
Benzene	107
1,2-Dichloroethane	101
Heptane	110
Trichloroethene	98
1,2-Dichloropropane	103
1,4-Dioxane	108
Bromodichloromethane	99
cis-1,3-Dichloropropene	97
4-Methyl-2-pentanone	109
Toluene	101
trans-1,3-Dichloropropene	106
1,1,2-Trichloroethane	105
Tetrachloroethene	97
2-Hexanone	114

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Client Sample ID: CCV

Lab ID#: 1305104A-23A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/8/13 09:20 AM**	

Compound	%Recovery
Dibromochloromethane	101
1,2-Dibromoethane (EDB)	101
Chlorobenzene	90
Ethyl Benzene	100
m,p-Xylene	103
o-Xylene	102
Styrene	105
Bromoform	95
Cumene	101
1,1,2,2-Tetrachloroethane	99
Propylbenzene	100
4-Ethyltoluene	105
1,3,5-Trimethylbenzene	93
1,2,4-Trimethylbenzene	94
1,3-Dichlorobenzene	90
1,4-Dichlorobenzene	92
alpha-Chlorotoluene	104
1,2-Dichlorobenzene	89
1,2,4-Trichlorobenzene	85
Hexachlorobutadiene	89
Butane	107
Isopentane	96

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	97	70-130

Client Sample ID: CCV

Lab ID#: 1305104A-23B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/9/13 10:08 AM**	

Compound	%Recovery
Freon 12	95
Freon 114	97
Chloromethane	100
Vinyl Chloride	104
1,3-Butadiene	97
Bromomethane	109
Chloroethane	99
Freon 11	94
Ethanol	89
Freon 113	97
1,1-Dichloroethene	97
Acetone	102
2-Propanol	96
Carbon Disulfide	97
3-Chloropropene	96
Methylene Chloride	93
Methyl tert-butyl ether	103
trans-1,2-Dichloroethene	95
Hexane	100
1,1-Dichloroethane	99
2-Butanone (Methyl Ethyl Ketone)	104
cis-1,2-Dichloroethene	94
Tetrahydrofuran	96
Chloroform	96
1,1,1-Trichloroethane	91
Cyclohexane	100
Carbon Tetrachloride	94
2,2,4-Trimethylpentane	98
Benzene	110
1,2-Dichloroethane	100
Heptane	110
Trichloroethene	101
1,2-Dichloropropane	104
1,4-Dioxane	108
Bromodichloromethane	99
cis-1,3-Dichloropropene	98
4-Methyl-2-pentanone	108
Toluene	101
trans-1,3-Dichloropropene	106
1,1,2-Trichloroethane	104
Tetrachloroethene	97
2-Hexanone	113

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Client Sample ID: CCV

Lab ID#: 1305104A-23B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/9/13 10:08 AM**	

Compound	%Recovery
Dibromochloromethane	100
1,2-Dibromoethane (EDB)	100
Chlorobenzene	89
Ethyl Benzene	98
m,p-Xylene	102
o-Xylene	102
Styrene	103
Bromoform	95
Cumene	100
1,1,2,2-Tetrachloroethane	99
Propylbenzene	101
4-Ethyltoluene	105
1,3,5-Trimethylbenzene	92
1,2,4-Trimethylbenzene	94
1,3-Dichlorobenzene	89
1,4-Dichlorobenzene	93
alpha-Chlorotoluene	102
1,2-Dichlorobenzene	90
1,2,4-Trichlorobenzene	87
Hexachlorobutadiene	90
Butane	107
Isopentane	96

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: LCS

Lab ID#: 1305104A-24A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/8/13 09:56 AM**	

Compound	%Recovery
Freon 12	90
Freon 114	92
Chloromethane	97
Vinyl Chloride	96
1,3-Butadiene	93
Bromomethane	100
Chloroethane	95
Freon 11	88
Ethanol	72
Freon 113	92
1,1-Dichloroethene	95
Acetone	100
2-Propanol	84
Carbon Disulfide	112
3-Chloropropene	100
Methylene Chloride	86
Methyl tert-butyl ether	96
trans-1,2-Dichloroethene	100
Hexane	90
1,1-Dichloroethane	91
2-Butanone (Methyl Ethyl Ketone)	96
cis-1,2-Dichloroethene	87
Tetrahydrofuran	86
Chloroform	90
1,1,1-Trichloroethane	86
Cyclohexane	90
Carbon Tetrachloride	90
2,2,4-Trimethylpentane	90
Benzene	106
1,2-Dichloroethane	95
Heptane	103
Trichloroethene	97
1,2-Dichloropropane	102
1,4-Dioxane	100
Bromodichloromethane	97
cis-1,3-Dichloropropene	94
4-Methyl-2-pentanone	97
Toluene	97
trans-1,3-Dichloropropene	100
1,1,2-Trichloroethane	100
Tetrachloroethene	92
2-Hexanone	96

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Client Sample ID: LCS

Lab ID#: 1305104A-24A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/8/13 09:56 AM**	

Compound	%Recovery
Dibromochloromethane	95
1,2-Dibromoethane (EDB)	97
Chlorobenzene	85
Ethyl Benzene	93
m,p-Xylene	101
o-Xylene	96
Styrene	92
Bromoform	90
Cumene	96
1,1,2,2-Tetrachloroethane	98
Propylbenzene	96
4-Ethyltoluene	96
1,3,5-Trimethylbenzene	86
1,2,4-Trimethylbenzene	87
1,3-Dichlorobenzene	87
1,4-Dichlorobenzene	88
alpha-Chlorotoluene	92
1,2-Dichlorobenzene	88
1,2,4-Trichlorobenzene	87
Hexachlorobutadiene	89
Butane	98
Isopentane	90

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: LCSD

Lab ID#: 1305104A-24AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050804**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/8/13 10:28 AM**	

Compound	%Recovery
Freon 12	92
Freon 114	94
Chloromethane	98
Vinyl Chloride	101
1,3-Butadiene	96
Bromomethane	104
Chloroethane	101
Freon 11	90
Ethanol	73
Freon 113	97
1,1-Dichloroethene	100
Acetone	102
2-Propanol	88
Carbon Disulfide	117
3-Chloropropene	107
Methylene Chloride	89
Methyl tert-butyl ether	101
trans-1,2-Dichloroethene	104
Hexane	96
1,1-Dichloroethane	95
2-Butanone (Methyl Ethyl Ketone)	100
cis-1,2-Dichloroethene	91
Tetrahydrofuran	90
Chloroform	93
1,1,1-Trichloroethane	89
Cyclohexane	96
Carbon Tetrachloride	92
2,2,4-Trimethylpentane	93
Benzene	103
1,2-Dichloroethane	92
Heptane	101
Trichloroethene	94
1,2-Dichloropropane	100
1,4-Dioxane	98
Bromodichloromethane	94
cis-1,3-Dichloropropene	92
4-Methyl-2-pentanone	96
Toluene	95
trans-1,3-Dichloropropene	99
1,1,2-Trichloroethane	98
Tetrachloroethene	90
2-Hexanone	92

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Client Sample ID: LCSD

Lab ID#: 1305104A-24AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050804**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/8/13 10:28 AM**	

Compound	%Recovery
Dibromochloromethane	93
1,2-Dibromoethane (EDB)	96
Chlorobenzene	85
Ethyl Benzene	94
m,p-Xylene	99
o-Xylene	96
Styrene	92
Bromoform	88
Cumene	94
1,1,2,2-Tetrachloroethane	96
Propylbenzene	95
4-Ethyltoluene	95
1,3,5-Trimethylbenzene	86
1,2,4-Trimethylbenzene	85
1,3-Dichlorobenzene	86
1,4-Dichlorobenzene	86
alpha-Chlorotoluene	92
1,2-Dichlorobenzene	86
1,2,4-Trichlorobenzene	87
Hexachlorobutadiene	86
Butane	104
Isopentane	90

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: LCS

Lab ID#: 1305104A-24B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/9/13 10:40 AM**	

Compound	%Recovery
Freon 12	94
Freon 114	96
Chloromethane	100
Vinyl Chloride	103
1,3-Butadiene	97
Bromomethane	107
Chloroethane	99
Freon 11	92
Ethanol	76
Freon 113	95
1,1-Dichloroethene	102
Acetone	98
2-Propanol	93
Carbon Disulfide	119
3-Chloropropene	108
Methylene Chloride	91
Methyl tert-butyl ether	101
trans-1,2-Dichloroethene	108
Hexane	96
1,1-Dichloroethane	96
2-Butanone (Methyl Ethyl Ketone)	99
cis-1,2-Dichloroethene	91
Tetrahydrofuran	90
Chloroform	95
1,1,1-Trichloroethane	90
Cyclohexane	96
Carbon Tetrachloride	92
2,2,4-Trimethylpentane	94
Benzene	106
1,2-Dichloroethane	95
Heptane	103
Trichloroethene	96
1,2-Dichloropropane	101
1,4-Dioxane	102
Bromodichloromethane	95
cis-1,3-Dichloropropene	93
4-Methyl-2-pentanone	100
Toluene	96
trans-1,3-Dichloropropene	102
1,1,2-Trichloroethane	100
Tetrachloroethene	92
2-Hexanone	106

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Client Sample ID: LCS

Lab ID#: 1305104A-24B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/9/13 10:40 AM**	

Compound	%Recovery
Dibromochloromethane	95
1,2-Dibromoethane (EDB)	98
Chlorobenzene	86
Ethyl Benzene	96
m,p-Xylene	101
o-Xylene	98
Styrene	99
Bromoform	88
Cumene	98
1,1,2,2-Tetrachloroethane	97
Propylbenzene	98
4-Ethyltoluene	97
1,3,5-Trimethylbenzene	90
1,2,4-Trimethylbenzene	90
1,3-Dichlorobenzene	89
1,4-Dichlorobenzene	89
alpha-Chlorotoluene	96
1,2-Dichlorobenzene	89
1,2,4-Trichlorobenzene	90
Hexachlorobutadiene	91
Butane	103
Isopentane	92

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: LCSD

Lab ID#: 1305104A-24BB

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050904**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/9/13 11:13 AM**	

Compound	%Recovery
Freon 12	94
Freon 114	97
Chloromethane	100
Vinyl Chloride	104
1,3-Butadiene	98
Bromomethane	108
Chloroethane	101
Freon 11	92
Ethanol	76
Freon 113	97
1,1-Dichloroethene	101
Acetone	99
2-Propanol	93
Carbon Disulfide	118
3-Chloropropene	108
Methylene Chloride	90
Methyl tert-butyl ether	100
trans-1,2-Dichloroethene	104
Hexane	96
1,1-Dichloroethane	94
2-Butanone (Methyl Ethyl Ketone)	98
cis-1,2-Dichloroethene	92
Tetrahydrofuran	90
Chloroform	94
1,1,1-Trichloroethane	91
Cyclohexane	97
Carbon Tetrachloride	91
2,2,4-Trimethylpentane	94
Benzene	105
1,2-Dichloroethane	94
Heptane	104
Trichloroethene	98
1,2-Dichloropropane	102
1,4-Dioxane	101
Bromodichloromethane	95
cis-1,3-Dichloropropene	94
4-Methyl-2-pentanone	100
Toluene	96
trans-1,3-Dichloropropene	104
1,1,2-Trichloroethane	101
Tetrachloroethene	95
2-Hexanone	109

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Client Sample ID: LCSD

Lab ID#: 1305104A-24BB

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j050904**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/9/13 11:13 AM**	

Compound	%Recovery
Dibromochloromethane	96
1,2-Dibromoethane (EDB)	98
Chlorobenzene	88
Ethyl Benzene	96
m,p-Xylene	101
o-Xylene	99
Styrene	101
Bromoform	90
Cumene	99
1,1,2,2-Tetrachloroethane	99
Propylbenzene	99
4-Ethyltoluene	99
1,3,5-Trimethylbenzene	91
1,2,4-Trimethylbenzene	90
1,3-Dichlorobenzene	90
1,4-Dichlorobenzene	90
alpha-Chlorotoluene	98
1,2-Dichlorobenzene	89
1,2,4-Trichlorobenzene	91
Hexachlorobutadiene	90
Butane	106
Isopentane	94

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	99	70-130

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SOBOM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian
INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0 ☐ CHECK IF NO INCIDENT # APPLIES
RO #:
SAP #: 3 4 0 0 6 1
DATE: 05/03/13
PAGE: 1 of 3

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE -- ROXANA
State: IL
GLOBAL ID NO:

ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300, ST. LOUIS, MO 63110
EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO.: 314-743-4179
EMAIL: Elizabeth.Kunkel@URSCorp.com
CONSULTANT PROJECT NAME/#: Roxana Soil Vapor

LABORATORY ADDRESS: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
C. Williams M. Mansker, B. Lehan, E. Arthur, L. Rathnow, S. Fisher

TELEPHONE: 314-429-0100
FAX: 314-429-0462
Bill To Contact E-MAIL: Robert.Mooshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Canister Pressure/Vacuum Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946				
	VMP 8 23.5-050113	05/01/13	1356-1426	34657	-29.5	-9.5			X	X					
	VMP-11-8-050113	05/01/13	0835-0907	36436	-30	-8			X	X					
	VMP-14-5-050113	05/01/13	1332-1402	37366	-29.5	-10			X	X					
	VMP-14-11.5-050113	05/01/13	1422-1455	3048	-28.5	-8.5			X	X					
	VMP-24-5-050113	05/01/13	1501-1533	33732	-29.5	-10			X	X					
	VMP-51-5-050213	05/02/13	0903-0935	36421	-30	-8			X	X					
	VMP-51-10-050213	05/02/13	1004-1037	37705	-30	-10			X	X					
	VMP-51-20-050213	05/02/13	1106-1136	37356	-29	-9.5			X	X					
	VMP-51-30-050213	05/02/13	1202-1232	15723	-30	-9			X	X					
			5/3/13						X	X					

Turn Around Time:
☑ Normal
☐ Rush
Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N2 He

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

Fedex
Custody Seal Intact?
Y N None Temp

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	FEDEX	5/3/13	1700
Relinquished by: (Signature)	Received by: (Signature)	Date	Time
		5/6/13	1000
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

5/3/13

05/2005 Revision

1305104

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian
PO. #:
INCIDENT # (ENV. SERVICES): 9 7 2 1 8 6 4 0
SAP #: 3 4 0 0 6 1
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 05/03/13
PAGE: 2 of 3

SHIPPING COMPANY: URS CORPORATION
LOG CODE:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST. LOUIS, MO 63110
LABORATORY ADDRESS: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
TELEPHONE: 314-429-0100 FAX: 314-429-0462
Bill To Contact E-MAIL: Robert.Mooshegian@urs.com

SITE ADDRESS, Street and City: 900 SOUTH CENTRAL AVE – ROXANA
State: IL
GLOBAL ID NO.:
EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO.: 314-743-4179
E-MAIL: Elizabeth.Kunkel@URSCorp.com
CONSULTANT PROJECT NAME/#: Roxana Soil Vapor
C. Williams, M. Mansker, B. Lehan, E. Arthur, L. Rathnow, S. Fisher.

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY
DELIVERABLES ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

Turn Around Time: ☑ Normal ☐ Rush ☐ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946					
11H	VMP-52-5-050213	05/02/13	1443-1515	34097	-30	-11			X	X						
11H	VMP-52-5-050213-Dup	05/02/13	1443-1515	33734	-30	-10			X	X						
13H	VMP-52-20-050213	05/02/13	1555-1625	37789	-30	-11.5			X	X						
13H	VMP-53-5-050213	05/02/13	1442-1512	35405	-27.5	-9.5			X	X						
10H	VMP-53-10-050313	05/03/13	0946-1016	35467	-28.5	-10			X	X						
15H	VMP-53-20-050313	05/03/13	1038-1108	35429	-30	-10			X	X						
14H	VMP-53-30-050313	05/03/13	1126-1156	8030	-30	-10.5			X	X						
									X	X						
				5/3/13					X	X						
									X	X						

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

Custody Seal Intact?
(Y) N None Temp_____
Fedex

	Received by (Signature)	Date	Time
Relinquished by (Signature):	FEDEX	5/3/13	1700
Relinquished by (Signature):	Received by (Signature):	5/6/13	1000
Relinquished by (Signature):	Received by: (Signature):	Date:	Time:

05/2006 Revision

130504

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&M ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian

INCIDENT # (ENV SERVICES): 9 7 2 1 6 5 4 0 ☐ CHECK IF NO INCIDENT # APPLIES

DATE 05/03/13

PO #:

SAP #: 3 4 0 0 6 6 1

PAGE: 3 of 3

SAMPLING COMPANY: URS CORPORATION
LEDD CODE:

SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA
State: IL
GLOBAL ID NO:

ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300, ST. LOUIS MO 63110

PROJECT MANAGER (PRINT) (Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO: 314-743-4179
E-MAIL: Elizabeth_Kunkel@URSCorp.com
CONSULTANT PROJECT NUMBER: Roxana Soil Vapor

Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719

TELEPHONE: 314-429-0100
FAX: 314-429-0462
Bill To Contact E-MAIL: Robert.Mooshegian@urs.com

SAMPLERS: C. Williams, M. Mansker, B. Lehan, E. Arthur, L. Rathnow, S. Fisher.

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

Turn Around Time: ☑ Normal ☐ Rush ____ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-16 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946				
16	VMP-54-5-050213	05/02/13	0850-0920	8015	-26.5	-7			X	X					
15	VMP-54-10-050213	05/02/13	0944-1014	3032	-28.5	-9			X	X					
14	VMP-54-20-050213	05/02/13	1033-1105	31778	-29.5	-9			X	X					
20	VMP 54 30 050213	05/02/13	1122-1152	1369	-29	-8.5			X	X					
21	VMP-54-30-050213-Dup	05/02/13	1122-1152	35635	-29.5	-8.5			X	X					
									X	X					
									X	X					
									X	X					
									X	X					
									X	X					

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

Custody Seal Intact?
(Y) N None Temp____
Fedex

	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	FEDEX	5/3/13	1700
Relinquished by: (Signature)	Received by: (Signature)	5/6/13	1000
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

05/2/05 Revision

1305104

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5/20/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305104B

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/6/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1305104B

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/06/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/20/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-8-23.5-050113	Modified ASTM D-1946	10 "Hg	15 psi
02A	VMP-11-8-050113	Modified ASTM D-1946	8.4 "Hg	15.3 psi
03A	VMP-14-5-050113	Modified ASTM D-1946	10.4 "Hg	14.8 psi
04A	VMP-14-11.5-050113	Modified ASTM D-1946	0.3 psi	5.2 psi
05A	VMP-24-5-050113	Modified ASTM D-1946	10 "Hg	15.1 psi
06A	VMP-51-5-050213	Modified ASTM D-1946	6.5 "Hg	14.5 psi
07A	VMP-51-10-050213	Modified ASTM D-1946	8.6 "Hg	15.3 psi
08A	VMP-51-20-050213	Modified ASTM D-1946	8.2 "Hg	15.3 psi
09A	VMP-51-30-050213	Modified ASTM D-1946	9.4 "Hg	14.3 psi
10A	VMP-52-5-050213	Modified ASTM D-1946	9.8 "Hg	14.8 psi
11A	VMP-52-5-050213-Dup	Modified ASTM D-1946	8.4 "Hg	15 psi
12A	VMP-52-20-050213	Modified ASTM D-1946	10.2 "Hg	14.5 psi
13A	VMP-53-5-050213	Modified ASTM D-1946	10.2 "Hg	15 psi
14A	VMP-53-10-050313	Modified ASTM D-1946	8.8 "Hg	14.4 psi
15A	VMP-53-20-050313	Modified ASTM D-1946	9.2 "Hg	14.9 psi
16A	VMP-53-30-050313	Modified ASTM D-1946	8.2 "Hg	15.1 psi
17A	VMP-54-5-050213	Modified ASTM D-1946	7.1 "Hg	13.6 psi
18A	VMP-54-10-050213	Modified ASTM D-1946	9.8 "Hg	14.6 psi
19A	VMP-54-20-050213	Modified ASTM D-1946	8.4 "Hg	14 psi
20A	VMP-54-30-050213	Modified ASTM D-1946	9.2 "Hg	14.8 psi
21A	VMP-54-30-050213-Dup	Modified ASTM D-1946	9.2 "Hg	14.7 psi
22A	Lab Blank	Modified ASTM D-1946	NA	NA
22B	Lab Blank	Modified ASTM D-1946	NA	NA

Continued on next page

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WORK ORDER #: 1305104B

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/06/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/20/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
22C	Lab Blank	Modified ASTM D-1946	NA	NA
22D	Lab Blank	Modified ASTM D-1946	NA	NA
23A	LCS	Modified ASTM D-1946	NA	NA
23AA	LCSD	Modified ASTM D-1946	NA	NA
23B	LCS	Modified ASTM D-1946	NA	NA
23BB	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 05/20/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified ASTM D-1946
URS Corporation
Workorder# 1305104B

Twenty-one 1 Liter Summa Canister samples were received on May 06, 2013. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane and fixed gases in air using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Since Nitrogen is used to pressurize samples, the reported Nitrogen values are calculated by adding all the sample components and subtracting from 100%.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*ASTM D-1946*	*ATL Modifications*
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

The reporting limit for Nitrogen was raised from 0.1% to 0.5%.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-8-23.5-050113

Lab ID#: 1305104B-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	17
Nitrogen	1.5	79
Carbon Dioxide	0.030	4.2
Helium	0.15	0.022 J

Client Sample ID: VMP-11-8-050113

Lab ID#: 1305104B-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	21
Nitrogen	1.4	78
Carbon Dioxide	0.028	0.84
Helium	0.14	0.037 J

Client Sample ID: VMP-14-5-050113

Lab ID#: 1305104B-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	21
Nitrogen	1.5	78
Carbon Dioxide	0.031	0.15
Helium	0.15	0.99

Client Sample ID: VMP-14-11.5-050113

Lab ID#: 1305104B-04A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.40	24
Nitrogen	2.0	76
Carbon Dioxide	0.040	0.46

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-24-5-050113

Lab ID#: 1305104B-05A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	21
Nitrogen	1.5	78
Methane	0.00030	0.00011 J
Carbon Dioxide	0.030	0.73
Helium	0.15	0.015 J

Client Sample ID: VMP-51-5-050213

Lab ID#: 1305104B-06A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	21
Nitrogen	1.3	78
Methane	0.00025	0.00039
Carbon Dioxide	0.025	0.96

Client Sample ID: VMP-51-10-050213

Lab ID#: 1305104B-07A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	20
Nitrogen	1.4	79
Carbon Dioxide	0.029	1.0

Client Sample ID: VMP-51-20-050213

Lab ID#: 1305104B-08A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	21
Nitrogen	1.4	78
Carbon Dioxide	0.028	1.5

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-51-30-050213

Lab ID#: 1305104B-09A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	20
Nitrogen	1.4	78
Carbon Dioxide	0.029	2.5

Client Sample ID: VMP-52-5-050213

Lab ID#: 1305104B-10A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	16
Nitrogen	1.5	82
Carbon Dioxide	0.030	1.9

Client Sample ID: VMP-52-5-050213-Dup

Lab ID#: 1305104B-11A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	16
Nitrogen	1.4	82
Methane	0.00028	0.00014 J
Carbon Dioxide	0.028	1.8
Helium	0.14	0.012 J

Client Sample ID: VMP-52-20-050213

Lab ID#: 1305104B-12A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	18
Nitrogen	1.5	78
Carbon Dioxide	0.030	3.9

Client Sample ID: VMP-53-5-050213

Lab ID#: 1305104B-13A

eurofins | Air Toxics

Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-53-5-050213

Lab ID#: 1305104B-13A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	21
Nitrogen	1.5	78
Carbon Dioxide	0.031	0.79

Client Sample ID: VMP-53-10-050313

Lab ID#: 1305104B-14A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	22
Nitrogen	1.4	77
Methane	0.00028	0.00082
Carbon Dioxide	0.028	0.61

Client Sample ID: VMP-53-20-050313

Lab ID#: 1305104B-15A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.36	22
Nitrogen	1.8	77
Carbon Dioxide	0.036	0.93
Helium	0.18	0.44

Client Sample ID: VMP-53-30-050313

Lab ID#: 1305104B-16A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	20
Nitrogen	1.4	77
Carbon Dioxide	0.028	2.6

Client Sample ID: VMP-54-5-050213

Lab ID#: 1305104B-17A

eurofins | Air Toxics

Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-54-5-050213

Lab ID#: 1305104B-17A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	18
Nitrogen	1.3	80
Carbon Dioxide	0.025	2.4

Client Sample ID: VMP-54-10-050213

Lab ID#: 1305104B-18A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	19
Nitrogen	1.5	78
Carbon Dioxide	0.030	2.8

Client Sample ID: VMP-54-20-050213

Lab ID#: 1305104B-19A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	20
Nitrogen	1.4	77
Carbon Dioxide	0.027	3.0

Client Sample ID: VMP-54-30-050213

Lab ID#: 1305104B-20A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	17
Nitrogen	1.4	79
Carbon Dioxide	0.029	3.7
Helium	0.14	0.030 J

Client Sample ID: VMP-54-30-050213-Dup

Lab ID#: 1305104B-21A

eurofins | Air Toxics

Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-54-30-050213-Dup

Lab ID#: 1305104B-21A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	17
Nitrogen	1.4	79
Carbon Dioxide	0.029	3.8
Helium	0.14	0.029

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Client Sample ID: VMP-8-23.5-050113

Lab ID#: 1305104B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051406**	**Date of Collection: 5/1/13 2:26:00 PM**	
Dil. Factor:	**3.03**	**Date of Analysis: 5/14/13 11:38 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	17
Nitrogen	1.5	79
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	Not Detected
Carbon Dioxide	0.030	4.2
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	0.022 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-11-8-050113

Lab ID#: 1305104B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051407**	**Date of Collection: 5/1/13 9:07:00 AM**	
Dil. Factor:	**2.83**	**Date of Analysis: 5/14/13 12:18 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	21
Nitrogen	1.4	78
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	Not Detected
Carbon Dioxide	0.028	0.84
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	0.037 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-14-5-050113

Lab ID#: 1305104B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051408**	**Date of Collection:**	**5/1/13 2:02:00 PM**
Dil. Factor:	**3.07**	**Date of Analysis:**	**5/14/13 12:48 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	21
Nitrogen	1.5	78
Carbon Monoxide	0.031	Not Detected
Methane	0.00031	Not Detected
Carbon Dioxide	0.031	0.15
Ethane	0.0031	Not Detected
Ethene	0.0031	Not Detected
Helium	0.15	0.99

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-14-11.5-050113

Lab ID#: 1305104B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051514**	**Date of Collection: 5/1/13 2:55:00 PM**	
Dil. Factor:	**3.96**	**Date of Analysis: 5/15/13 03:05 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.40	24
Nitrogen	2.0	76
Carbon Monoxide	0.040	Not Detected
Methane	0.00040	Not Detected
Carbon Dioxide	0.040	0.46
Ethane	0.0040	Not Detected
Ethene	0.0040	Not Detected
Helium	0.20	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-24-5-050113

Lab ID#: 1305104B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051409**	**Date of Collection:**	**5/1/13 3:33:00 PM**
Dil. Factor:	**3.04**	**Date of Analysis:**	**5/14/13 01:54 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	21
Nitrogen	1.5	78
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	0.00011 J
Carbon Dioxide	0.030	0.73
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	0.015 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-51-5-050213

Lab ID#: 1305104B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051410**	**Date of Collection:**	**5/2/13 9:35:00 AM**
Dil. Factor:	**2.54**	**Date of Analysis:**	**5/14/13 02:19 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	21
Nitrogen	1.3	78
Carbon Monoxide	0.025	Not Detected
Methane	0.00025	0.00039
Carbon Dioxide	0.025	0.96
Ethane	0.0025	Not Detected
Ethene	0.0025	Not Detected
Helium	0.13	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-51-10-050213

Lab ID#: 1305104B-07A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10051411	Date of Collection:	5/2/13 10:37:00 AM
Dil. Factor:	2.86	Date of Analysis:	5/14/13 02:42 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	20
Nitrogen	1.4	79
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	Not Detected
Carbon Dioxide	0.029	1.0
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-51-20-050213

Lab ID#: 1305104B-08A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10051412	Date of Collection:	5/2/13 11:36:00 AM
Dil. Factor:	2.80	Date of Analysis:	5/14/13 03:22 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	21
Nitrogen	1.4	78
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	Not Detected
Carbon Dioxide	0.028	1.5
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-51-30-050213

Lab ID#: 1305104B-09A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051413**	**Date of Collection:**	**5/2/13 12:32:00 PM**
Dil. Factor:	**2.87**	**Date of Analysis:**	**5/14/13 04:26 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	20
Nitrogen	1.4	78
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	Not Detected
Carbon Dioxide	0.029	2.5
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-52-5-050213

Lab ID#: 1305104B-10A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051414**	**Date of Collection: 5/2/13 3:15:00 PM**	
Dil. Factor:	**2.98**	**Date of Analysis: 5/14/13 05:08 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	16
Nitrogen	1.5	82
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	Not Detected
Carbon Dioxide	0.030	1.9
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-52-5-050213-Dup

Lab ID#: 1305104B-11A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051415**	**Date of Collection: 5/2/13 3:15:00 PM**	
Dil. Factor:	**2.80**	**Date of Analysis: 5/14/13 05:32 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	16
Nitrogen	1.4	82
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	0.00014 J
Carbon Dioxide	0.028	1.8
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	0.012 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-52-20-050213

Lab ID#: 1305104B-12A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051416**	**Date of Collection: 5/2/13 4:25:00 PM**	
Dil. Factor:	**3.01**	**Date of Analysis: 5/14/13 05:57 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	18
Nitrogen	1.5	78
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	Not Detected
Carbon Dioxide	0.030	3.9
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-53-5-050213

Lab ID#: 1305104B-13A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051417**	**Date of Collection: 5/2/13 3:12:00 PM**	
Dil. Factor:	**3.06**	**Date of Analysis: 5/14/13 06:29 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	21
Nitrogen	1.5	78
Carbon Monoxide	0.031	Not Detected
Methane	0.00031	Not Detected
Carbon Dioxide	0.031	0.79
Ethane	0.0031	Not Detected
Ethene	0.0031	Not Detected
Helium	0.15	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-53-10-050313

Lab ID#: 1305104B-14A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051418**	**Date of Collection:**	**5/3/13 10:16:00 AM**
Dil. Factor:	**2.80**	**Date of Analysis:**	**5/14/13 06:58 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	22
Nitrogen	1.4	77
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	0.00082
Carbon Dioxide	0.028	0.61
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-53-20-050313

Lab ID#: 1305104B-15A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051516**	**Date of Collection: 5/3/13 11:08:00 AM**	
Dil. Factor:	**3.65**	**Date of Analysis: 5/15/13 03:57 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.36	22
Nitrogen	1.8	77
Carbon Monoxide	0.036	Not Detected
Methane	0.00036	Not Detected
Carbon Dioxide	0.036	0.93
Ethane	0.0036	Not Detected
Ethene	0.0036	Not Detected
Helium	0.18	0.44

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-53-30-050313

Lab ID#: 1305104B-16A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051419**	**Date of Collection: 5/3/13 11:56:00 AM**	
Dil. Factor:	**2.78**	**Date of Analysis: 5/14/13 07:20 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	20
Nitrogen	1.4	77
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	Not Detected
Carbon Dioxide	0.028	2.6
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-54-5-050213

Lab ID#: 1305104B-17A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051420**	**Date of Collection:**	**5/2/13 9:20:00 AM**
Dil. Factor:	**2.53**	**Date of Analysis:**	**5/14/13 07:43 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	18
Nitrogen	1.3	80
Carbon Monoxide	0.025	Not Detected
Methane	0.00025	Not Detected
Carbon Dioxide	0.025	2.4
Ethane	0.0025	Not Detected
Ethene	0.0025	Not Detected
Helium	0.13	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-54-10-050213

Lab ID#: 1305104B-18A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051421**	**Date of Collection: 5/2/13 10:14:00 AM**	
Dil. Factor:	**2.96**	**Date of Analysis: 5/14/13 08:20 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	19
Nitrogen	1.5	78
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	Not Detected
Carbon Dioxide	0.030	2.8
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-54-20-050213

Lab ID#: 1305104B-19A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051422**	**Date of Collection:**	**5/2/13 11:05:00 AM**
Dil. Factor:	**2.71**	**Date of Analysis:**	**5/14/13 08:47 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	20
Nitrogen	1.4	77
Carbon Monoxide	0.027	Not Detected
Methane	0.00027	Not Detected
Carbon Dioxide	0.027	3.0
Ethane	0.0027	Not Detected
Ethene	0.0027	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-54-30-050213

Lab ID#: 1305104B-20A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051423**	**Date of Collection: 5/2/13 11:52:00 AM**	
Dil. Factor:	**2.89**	**Date of Analysis: 5/14/13 09:09 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	17
Nitrogen	1.4	79
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	Not Detected
Carbon Dioxide	0.029	3.7
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.14	0.030 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-54-30-050213-Dup

Lab ID#: 1305104B-21A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051424**	**Date of Collection: 5/2/13 11:52:00 AM**	
Dil. Factor:	**2.88**	**Date of Analysis: 5/14/13 09:31 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	17
Nitrogen	1.4	79
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	Not Detected
Carbon Dioxide	0.029	3.8
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.14	0.029

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1305104B-22A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051404**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/14/13 10:28 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	0.0086 J
Nitrogen	0.50	0.067 J
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected
Ethane	0.0010	Not Detected
Ethene	0.0010	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1305104B-22B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051403c**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/14/13 10:00 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.050	Not Detected

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1305104B-22C

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051505a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/15/13 09:19 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	Not Detected
Nitrogen	0.50	0.075 J
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected
Ethane	0.0010	Not Detected
Ethene	0.0010	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1305104B-22D

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10051504ca	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/15/13 08:55 AM	

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.050	Not Detected

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCS

Lab ID#: 1305104B-23A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051402**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/14/13 09:27 AM**

Compound	%Recovery
Oxygen	104
Nitrogen	100
Carbon Monoxide	96
Methane	99
Carbon Dioxide	101
Ethane	98
Ethene	99
Helium	100

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCSD

Lab ID#: 1305104B-23AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10051426	**Date of Collection: NA**	
Dil. Factor:	1.00	**Date of Analysis: 5/14/13 10:20 PM**	

Compound	%Recovery
Oxygen	103
Nitrogen	101
Carbon Monoxide	100
Methane	101
Carbon Dioxide	101
Ethane	99
Ethene	101
Helium	100

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCS

Lab ID#: 1305104B-23B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051502**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/15/13 08:01 AM**

Compound	%Recovery
Oxygen	104
Nitrogen	100
Carbon Monoxide	100
Methane	100
Carbon Dioxide	101
Ethane	99
Ethene	100
Helium	100

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCSD

Lab ID#: 1305104B-23BB

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051528**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/15/13 10:01 PM**	

Compound	%Recovery
Oxygen	102
Nitrogen	101
Carbon Monoxide	100
Methane	99
Carbon Dioxide	101
Ethane	99
Ethene	99
Helium	100

Container Type: NA - Not Applicable

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21552850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian
PO #:
INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0
SAP #: 3 4 0 0 6 1
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 05/03/13
PAGE: 1 of 3

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE -- ROXANA
State: IL
GLOBAL ID NO:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300, ST. LOUIS, MO 63110
EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO: 314-743-4179
EMAIL: Elizabeth.Kunkel@URSCorp.com
CONSULTANT PROJECT NAME#: Roxana Soil Vapor
Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
C. Williams M. Mansker B. Lehan, E. Arthur, L. Rathnow, S. Fisher,
TELEPHONE: 314-429-0100
FAX: 314-429-0462
Bill To Contact E-MAIL: Robert.Mooshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS)
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:
DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

Turn Around Time: ☑ Normal ☐ Rush ☐ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab Use Only	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946					
	VMP 8 23.5-050113	05/01/13	1356-1426	34657	-29.5	-9.5			X	X						
	VMP-11-8-050113	05/01/13	0835-0907	36436	-30	-8			X	X						
	VMP-14-5-050113	05/01/13	1332-1402	37366	-29.5	-10			X	X						
	VMP-14-11.5-050113	05/01/13	1422-1455	3046	-28.5	-8.5			X	X						
	VMP-24-5-050113	05/01/13	1501-1533	33732	-29.5	-10			X	X						
	VMP-51-5-050213	05/02/13	0903-0935	36421	-30	-8			X	X						
	VMP-51-10-050213	05/02/13	1004-1037	37705	-30	-10			X	X						
	VMP-51-20-050213	05/02/13	1106-1136	37356	-29	-9.5			X	X						
	VMP-51-30-050213	05/02/13	1202-1232	15723	-30	-9			X	X						
									X	X						

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

Fedex
Custody Seal Intact?
Y N None Temp

Relinquished by: (Signature)	Received by: (Signature)	Date: 5/3/13	Time: 1700
Relinquished by: (Signature)	Received by: (Signature)	Date: 5/6/13	Time: 1000
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

FEDEX

5/3/13

05/2/05 Revision

1305104

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian
PO #:

INCIDENT # (ENV. SERVICES): 9 7 2 1 5 6 4 0
SAP #: 3 4 0 0 6 1
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 05/03/13
PAGE: 2 of 3

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA
State: IL
GLOBAL ID NO.:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST. LOUIS, MO 63110
EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO.: 314-743-4179
E-MAIL: Elizabeth.Kunkel@URSCorp.com
CONSULTANT PROJECT NAME: Roxana Soil Vapor
LABORATORY ADDRESS: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
C. Williams, M. Mansker, B. Lehan, E. Arthur, L. Rathnow, S. Fisher,
TELEPHONE: 314-429-0100
FAX: 314-429-0462
Bill To Contact E-MAIL: Robert.Mooshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY

DELIVERABLES ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY) _____

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

Turn Around Time: ☑ Normal ☐ Rush ____ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
11	VMP-52-5-050213	05/02/13	1443-1515	34097	-30	-11			X	X	
12	VMP-52-5-050213-Dup	05/02/13	1443-1515	33734	-30	-10			X	X	
13	VMP-52-20-050213	05/02/13	1555-1625	37789	-30	-11.5			X	X	
14	VMP-53-5-050213	05/02/13	1442-1512	36406	-27.5	-9.5			X	X	
15	VMP-53-10-050313	05/03/13	0946-1016	36467	-28.5	-10			X	X	
16	VMP-53-20-050313	05/03/13	1038-1108	36420	-30	-10			X	X	
17	VMP-53-30-050313	05/03/13	1126-1156	8030	-30	-10.5			X	X	
									X	X	
				5/3/13					X	X	
									X	X	

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

Custody Seal Intact?
(Y) N None Temp____
Fedex

Relinquished by: (Signature)	Received by: (Signature) FEDEX	Date 5/3/13	Time 1700
Relinquished by: (Signature)	Received by: (Signature)	Date 5/6/13	Time 1000
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

05/2006 Revision

1305104

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian
INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0 ☐ CHECK IF NO INCIDENT # APPLIES
PO #:
SAP #: 3 4 0 0 6 1
DATE 05/03/13
PAGE: 3 of 3

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA
State: IL
GLOBAL ID NO:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300, ST. LOUIS MO 63110
PHONE NO: 314-743-4179
E-MAIL: Elizabeth.Kunkel@URSCorp.com
CONSULTANT PROJECT NAME#: Roxana Soil Vapor
Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
TELEPHONE: 314-429-0100
FAX: 314-429-0462
Bill To Contact E-MAIL: Robert.Mooshegian@urs.com
FOR DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
C. Williams, M. Mansker, B. Lenan, E. Arthur, L. Rathnow, S. Fisher.

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLE: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946				
17A	VMP-54-5-050213	05/02/13	0850-0920	8015	-26.5	-7			X	X					
18A	VMP-54-10-050213	05/02/13	0944-1014	3032	-28.5	-9			X	X					
19A	VMP-54-20-050213	05/02/13	1033-1105	31778	-29.5	-9			X	X					
20A	VMP 54-30 050213	05/02/13	1122-1152	1369	20	8.5			X	X					
21A	VMP-54-30-050213-Dup	05/02/13	1122-1152	35635	-29.5	-8.5			X	X					
									X	X					
									X	X					
									X	X					
									X	X					
									X	X					

Turn Around Time: ☑ Normal ☐ Rush ☐ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

Custody Seal Intact?
(Y) N None Temp____
Fedex

Relinquished by (Signature)	Received by (Signature)	Date	Time
	FEDEX	5/3/13	1700
Relinquished by (Signature)	Received by (Signature)	Date	Time
		5/6/13	1000
Relinquished by (Signature)	Received by (Signature)	Date	Time

05/2006 Revision

1305104

Roxana Soil Vapor Quarterly – 2nd Quarter 2013 Data Review

Laboratory SDG: 1305155A,B

Data Reviewer: Melissa Mansker

Peer Reviewer: Elizabeth Kunkel

Date Reviewed: 6/20/2013

Guidance: USEPA National Functional Guidelines for Superfund Organic Methods Data Review 2008

Sample Identification	Sample Identification
VMP-2-5-050613	VMP-2-8.5-050613
VMP-2-8.5-050613-Dup	VMP-2-22-050613
VMP-24-34-050613	VMP-29-10-050613
VMP-29-20-050613	VMP-29-30-050613
VMP-30-10-050613	VMP-30-20-050613
VMP-30-30-050613	VMP-32-5-050713
VMP-32-10-050713	VMP-32-20-050713
VMP-32-20-050713-Dup	VMP-48-5-050313
VMP-48-30-050313	VMP-50-5-050713
VMP-50-10-050713	VMP-50-20-050713

1.0 Data Package Completeness

Were all items delivered as specified in the QAPP and COC as appropriate?

Yes

2.0 Laboratory Case Narrative \ Cooler Receipt Form

Were problems noted in the laboratory case narrative or cooler receipt form?

Yes, the laboratory case narrative indicated sample VMP-30-10-050613 was diluted and re-analyzed to bring the highest level target analytes within the calibration range of the instrument. Results for the highest level target analytes were reported from the re-analysis diluted run and the remaining compounds were reported from the original analysis. Samples VMP-29-20-050613, VMP-29-30-050613, VMP-30-20-050613, VMP-30-30-050613 and VMP-50-20-050713 were diluted due to high levels of target analytes. Although not indicated in the laboratory case narrative, analytes were detected in the method blank. These issues are addressed further in the appropriate sections below.

No issues or discrepancies were noted in the cooler receipt form.

3.0 Holding Times

Were samples extracted/analyzed within applicable limits?

Yes

4.0 Blank Contamination

Were any analytes detected in the Blanks?

Yes

Blank ID	Parameter	Analyte	Concentration/ Amount
1305155A-21A	TO-15	Ethanol	0.82 ppbv / 1.5 µg/m^3
1305155A-21A	TO-15	Carbon disulfide	0.58 ppbv / 1.8 µg/m^3
1305155A-21A	TO-15	Methylene chloride	0.12 ppbv / 0.41 µg/m^3
1305155A-21A	TO-15	trans-1,2-Dichloroethene	0.12 ppbv / 0.47 µg/m^3
1305155A-21A	TO-15	cis-1,3-Dichloropropene	0.090 ppbv / 0.41 µg/m^3
1305155A-21A	TO-15	Toluene	0.11 ppbv / 0.42 µg/m^3
1305155A-21A	TO-15	trans-1,3-Dichloropropene	0.18 ppbv / 0.80 µg/m^3
1305155A-21A	TO-15	Tetrachloroethene	0.079 ppbv / 0.54 µg/m^3
1305155A-21A	TO-15	1,2-Dibromoethane (EDB)	0.16 ppbv / 1.3 µg/m^3
1305155A-21A	TO-15	Chlorobenzene	0.10 ppbv / 0.48 µg/m^3
1305155A-21A	TO-15	Styrene	0.077 ppbv / 0.33 µg/m^3
1305155A-21A	TO-15	1,1,2,2-Tetrachloroethane	0.089 ppbv / 0.61 µg/m^3
1305155A-21A	TO-15	Propylbenzene	0.084 ppbv / 0.41 µg/m^3
1305155A-21A	TO-15	4-Ethyltoluene	0.11 ppbv / 0.52 µg/m^3
1305155A-21A	TO-15	1,3,5-Trimethylbenzene	0.11 ppbv / 0.52 µg/m^3
1305155A-21A	TO-15	1,2,4-Trimethylbenzene	0.12 ppbv / 0.59 µg/m^3
1305155A-21A	TO-15	1,3-Dichlorobenzene	0.25 ppbv / 1.5 µg/m^3
1305155A-21A	TO-15	1,4-Dichlorobenzene	0.24 ppbv / 1.5 µg/m^3
1305155A-21A	TO-15	alpha-Chlorotoluene	0.15 ppbv / 0.79 µg/m^3
1305155A-21A	TO-15	1,2-Dichlorobenzene	0.22 ppbv / 1.3 µg/m^3
1305155A-21A	TO-15	1,2,4-Trichlorobenzene	0.89 ppbv / 6.6 µg/m^3
1305155A-21A	TO-15	Hexachlorobutadiene	0.41 ppbv / 4.4 µg/m^3
1305155A-21B	TO-15	Carbon disulfide	0.51 ppbv / 1.6 µg/m^3
1305155A-21B	TO-15	Toluene	0.064 ppbv / 0.24 µg/m^3
1305155A-21B	TO-15	trans-1,3-Dichloropropene	0.16 ppbv / 0.72 µg/m^3
1305155A-21B	TO-15	1,2-Dibromoethane (EDB)	0.12 ppbv / 0.95 µg/m^3
1305155A-21B	TO-15	Chlorobenzene	0.086 ppbv / 0.40 µg/m^3
1305155A-21B	TO-15	Propylbenzene	0.076 ppbv / 0.37 µg/m^3
1305155A-21B	TO-15	4-Ethyltoluene	0.057 ppbv / 0.28 µg/m^3
1305155A-21B	TO-15	1,3-Dichlorobenzene	0.19 ppbv / 1.1 µg/m^3
1305155A-21B	TO-15	1,4-Dichlorobenzene	0.24 ppbv / 1.5 µg/m^3
1305155A-21B	TO-15	alpha-Chlorotoluene	0.14 ppbv / 0.72 µg/m^3
1305155A-21B	TO-15	1,2-Dichlorobenzene	0.17 ppbv / 1.0 µg/m^3
1305155A-21B	TO-15	1,2,4-Trichlorobenzene	0.85 ppbv / 6.3 µg/m^3
1305155A-21B	TO-15	Hexachlorobutadiene	0.36 ppbv / 3.8 µg/m^3
1305155B-21A	Natural gases	Oxygen	0.019%
1305155B-21A	Natural gases	Nitrogen	0.086%
1305155B-21C	Natural gases	Oxygen	0.020%
1305155B-21C	Natural gases	Nitrogen	0.018%

Qualifications due to blank contamination are included in the table below. Analytical data that were reported non-detect or at concentrations greater than five times (5X) the associated blank concentration did not require qualification.

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-2-5-050613	TO-15	Ethanol	-	**U**
VMP-2-5-050613	TO-15	Carbon disulfide	-	**U**
VMP-2-5-050613	TO-15	Methylene chloride	-	**U**
VMP-2-5-050613	TO-15	trans-1,2-Dichloroethene	-	**U**
VMP-2-5-050613	TO-15	cis-1,3-Dichloropropene	-	**U**
VMP-2-5-050613	TO-15	Toluene	-	**U**
VMP-2-5-050613	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-2-5-050613	TO-15	Tetrachloroethene	-	**U**
VMP-2-5-050613	TO-15	1,2-Dibromomethane (EDB)	-	**U**
VMP-2-5-050613	TO-15	Chlorobenzene	-	**U**
VMP-2-5-050613	TO-15	Styrene	-	**U**
VMP-2-5-050613	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-2-5-050613	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-2-5-050613	TO-15	alpha-Chlorotoluene	-	**U**
VMP-2-5-050613	TO-15	1,2-Dichlorobenzene	-	**U**
VMP-2-5-050613	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-2-8.5-050613	TO-15	Carbon disulfide	-	**U**
VMP-2-8.5-050613	TO-15	Methylene chloride	-	**U**
VMP-2-8.5-050613	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-2-8.5-050613	TO-15	Tetrachloroethene	-	**U**
VMP-2-8.5-050613	TO-15	1,2-Dibromoethane (EDB)	-	**U**
VMP-2-8.5-050613	TO-15	Chlorobenzene	-	**U**
VMP-2-8.5-050613	TO-15	Styrene	-	**U**
VMP-2-8.5-050613	TO-15	4-Ethyltoluene	-	**U**
VMP-2-8.5-050613	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-2-8.5-050613	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-2-8.5-050613	TO-15	alpha-Chlorotoluene	-	**U**
VMP-2-8.5-050613	TO-15	1,2-Dichlorobenzene	-	**U**
VMP-2-8.5-050613	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-2-8.5-050613-Dup	TO-15	Carbon disulfide	-	**U**
VMP-2-8.5-050613-Dup	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-2-8.5-050613-Dup	TO-15	Tetrachloroethene	-	**U**
VMP-2-8.5-050613-Dup	TO-15	1,2-Dibromoethane (EDB)	-	**U**
VMP-2-8.5-050613-Dup	TO-15	Chlorobenzene	-	**U**
VMP-2-8.5-050613-Dup	TO-15	Styrene	-	**U**
VMP-2-8.5-050613-Dup	TO-15	1,3-Dichlorobenzene	-	**U**

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-2-8.5-050613-Dup	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-2-8.5-050613-Dup	TO-15	alpha-Chlorotoluene	-	**U**
VMP-2-8.5-050613-Dup	TO-15	1,2-Dichlorobenzene	-	**U**
VMP-2-8.5-050613-Dup	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-2-22-050613	TO-15	Carbon disulfide	-	**U**
VMP-2-22-050613	TO-15	Toluene	-	**U**
VMP-2-22-050613	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-2-22-050613	TO-15	1,2-Dibromoethane (EDB)	-	**U**
VMP-2-22-050613	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-2-22-050613	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-2-22-050613	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-24-34-050613	TO-15	Carbon disulfide	-	**U**
VMP-24-34-050613	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-24-34-050613	TO-15	Tetrachloroethene	-	**U**
VMP-24-34-050613	TO-15	1,2-Dibromoethane (EDB)	-	**U**
VMP-24-34-050613	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-24-34-050613	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-24-34-050613	TO-15	alpha-Chlorotoluene	-	**U**
VMP-24-34-050613	TO-15	1,2-Dichlorobenzene	-	**U**
VMP-24-34-050613	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-29-10-050613	TO-15	Toluene	-	**U**
VMP-29-10-050613	TO-15	Tetrachloroethene	-	**U**
VMP-29-10-050613	TO-15	Chlorobenzene	-	**U**
VMP-29-10-050613	TO-15	4-Ethyltoluene	-	**U**
VMP-29-10-050613	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-29-10-050613	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-29-10-050613	TO-15	alpha-Chlorotoluene	-	**U**
VMP-29-10-050613	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-29-20-050613	TO-15	Toluene	-	**U**
VMP-30-10-050613	TO-15	Ethanol	-	**U**
VMP-30-10-050613	TO-15	Toluene	-	**U**
VMP-30-10-050613	TO-15	Tetrachloroethene	-	**U**
VMP-30-10-050613	TO-15	1,2-Dibromoethane (EDB)	-	**U**
VMP-30-10-050613	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-30-10-050613	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-30-10-050613	TO-15	alpha-Chlorotoluene	-	**U**
VMP-30-10-050613	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-32-5-050713	TO-15	Carbon disulfide	-	**U**
VMP-32-5-050713	TO-15	Toluene	-	**U**

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-32-5-050713	TO-15	Tetrachloroethene	-	**U**
VMP-32-5-050713	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-32-5-050713	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-32-5-050713	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-32-10-050713	TO-15	Carbon disulfide	-	**U**
VMP-32-10-050713	TO-15	Toluene	-	**U**
VMP-32-10-050713	TO-15	1,2-Dibromoethane (EDB)	-	**U**
VMP-32-10-050713	TO-15	Chlorobenzene	-	**U**
VMP-32-10-050713	TO-15	Propylbenzene	-	**U**
VMP-32-10-050713	TO-15	4-Ethyltoluene	-	**U**
VMP-32-10-050713	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-32-10-050713	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-32-10-050713	TO-15	alpha-Chlorotoluene	-	**U**
VMP-32-10-050713	TO-15	1,2-Dichlorobenzene	-	**U**
VMP-32-10-050713	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-32-20-050713	TO-15	Carbon disulfide	-	**U**
VMP-32-20-050713	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-32-20-050713	TO-15	4-Ethyltoluene	-	**U**
VMP-32-20-050713	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-32-20-050713	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-32-20-050713	TO-15	1,2-Dichlorobenzene	-	**U**
VMP-32-20-050713	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-32-20-050713-Dup	TO-15	Carbon disulfide	-	**U**
VMP-32-20-050713-Dup	TO-15	1,2-Dibromoethane (EDB)	-	**U**
VMP-32-20-050713-Dup	TO-15	Chlorobenzene	-	**U**
VMP-32-20-050713-Dup	TO-15	4-Ethyltoluene	-	**U**
VMP-32-20-050713-Dup	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-32-20-050713-Dup	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-32-20-050713-Dup	TO-15	alpha-Chlorotoluene	-	**U**
VMP-32-20-050713-Dup	TO-15	1,2-Dichlorobenzene	-	**U**
VMP-32-20-050713-Dup	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-48-5-050313	TO-15	Carbon disulfide	-	**U**
VMP-48-5-050313	TO-15	Toluene	-	**U**
VMP-48-5-050313	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-48-5-050313	TO-15	1,2-Dibromoethane (EDB)	-	**U**
VMP-48-5-050313	TO-15	1,3-Dichlorobenzene	-	**U**

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-48-5-050313	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-48-5-050313	TO-15	alpha-Chlorotoluene	-	**U**
VMP-48-5-050313	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-48-30-050313	TO-15	1,2-Dibromoethane (EDB)	-	**U**
VMP-48-30-050313	TO-15	Chlorobenzene	-	**U**
VMP-48-30-050313	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-48-30-050313	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-48-30-050313	TO-15	alpha-Chlorotoluene	-	**U**
VMP-48-30-050313	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-50-5-050713	TO-15	Carbon disulfide	-	**U**
VMP-50-5-050713	TO-15	Toluene	-	**U**
VMP-50-5-050713	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-50-5-050713	TO-15	1,2-Dibromoethane (EDB)	-	**U**
VMP-50-5-050713	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-50-5-050713	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-50-5-050713	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-50-10-050713	TO-15	Carbon disulfide	-	**U**
VMP-50-10-050713	TO-15	Toluene	-	**U**
VMP-50-10-050713	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-50-10-050713	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-50-10-050713	TO-15	1,2,4-Trichlorobenzene	-	**U**

5.0 Laboratory Control Sample

Were LCS recoveries within evaluation criteria?

Yes

6.0 Surrogate Recoveries

Were surrogate recoveries within evaluation criteria?

Yes

7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

Were MS/MSD samples analyzed as part of this SDG?

MS/MSD samples are not applicable for vapor samples, due to the inability to spike the samples.

8.0 Laboratory Duplicate Results

Were laboratory duplicate samples collected as part of this SDG?

No

9.0 Field Duplicate Results

Were field duplicate samples collected as part of this SDG?

Yes

Field ID	Field Duplicate ID
VMP-52-5-050213	VMP-52-5-050213-Dup
VMP-32-20-050713	VMP-32-20-050713-Dup

Were field duplicate sample RPDs within evaluation criteria?

Yes

10.0 Sample Dilutions

For samples that were diluted and nondetect, were undiluted results also reported?

Not applicable; analytes were detected in samples that were diluted.

11.0 Additional Qualifications

Were additional qualifications applied?

No

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5/21/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305155A

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/8/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

Reviewed on 6/2/2013

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WORK ORDER #: 1305155A

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Aecounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/08/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/21/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-2-5-050613	Modified TO-15	6.9 "Hg	14.5 psi
02A	VMP-2-8.5-050613	Modified TO-15	8.2 "Hg	14.9 psi
03A	VMP-2-8.5-050613-Dup	Modified TO-15	7.8 "Hg	14.6 psi
04A	VMP-2-22-050613	Modified TO-15	8.4 "Hg	14.7 psi
05A	VMP-24-34-050613	Modified TO-15	11 "Hg	15.1 psi
06A	VMP-29-10-050613	Modified TO-15	7.8 "Hg	15.1 psi
07A	VMP-29-20-050613	Modified TO-15	8.2 "Hg	15 psi
08A	VMP-29-30-050613	Modified TO-15	9.2 "Hg	14.8 psi
09A	VMP-30-10-050613	Modified TO-15	8.4 "Hg	15.5 psi
09B	VMP-30-10-050613	Modified TO-15	8.4 "Hg	15.5 psi
10A	VMP-30-20-050613	Modified TO-15	8.2 "Hg	15.1 psi
11A	VMP-30-30-050613	Modified TO-15	10.8 "Hg	15 psi
12A	VMP-32-5-050713	Modified TO-15	8.6 "Hg	13.9 psi
13A	VMP-32-10-050713	Modified TO-15	8.2 "Hg	15.5 psi
14A	VMP-32-20-050713	Modified TO-15	10.4 "Hg	15 psi
15A	VMP-32-20-050713-Dup	Modified TO-15	8.6 "Hg	15.1 psi
16A	VMP-48-5-050313	Modified TO-15	7.6 "Hg	14.9 psi
17A	VMP-48-30-050313	Modified TO-15	6.1 "Hg	14.1 psi
18A	VMP-50-5-050713	Modified TO-15	8.8 "Hg	14.8 psi
19A	VMP-50-10-050713	Modified TO-15	10 "Hg	14.9 psi
20A	VMP-50-20-050713	Modified TO-15	10.6 "Hg	14.8 psi
21A	Lab Blank	Modified TO-15	NA	NA
21B	Lab Blank	Modified TO-15	NA	NA

Continued on next page

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WORK ORDER #: 1305155A

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/08/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/21/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
22A	CCV	Modified TO-15	NA	NA
22B	CCV	Modified TO-15	NA	NA
23A	LCS	Modified TO-15	NA	NA
23AA	LCSD	Modified TO-15	NA	NA
23B	LCS	Modified TO-15	NA	NA
23BB	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: _____ DATE: 05/21/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
URS Corporation
Workorder# 1305155A

Twenty 1 Liter Summa Canister samples were received on May 08, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Dilution was performed on samples VMP-29-20-050613, VMP-29-30-050613, VMP-30-20-050613, VMP-30-30-050613 and VMP-50-20-050713 due to the presence of high level target species.

As per client project requirements, the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified (0.2 ppbv for compounds reported at 0.5 ppbv and 0.8 ppbv for compounds reported at 2.0 ppbv) may be false positives.

Due to high-level target compounds, sample VMP-30-10-050613 was analyzed twice. In the "A" fraction, the sample was diluted to bring the highest-level compounds within the calibration range. The "B" fraction is also reported by client request and may be reported with "E" flags indicating the compound exceeds the calibration range. Both runs and associated QC are reported.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates

as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-2-5-050613

Lab ID#: 1305155A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	0.44 J	6.4	2.2 J
Freon 11	1.3	0.25 J	7.2	1.4 J
Ethanol	5.2	3.6 J	9.7	6.8 J
Acetone	13	47	31	110
2-Propanol	5.2	97	13	240
Carbon Disulfide	5.2	1.5 J	16	4.7 J
Methylene Chloride	13	0.44 J	45	1.5 J
trans-1,2-Dichloroethene	1.3	0.46 J	5.1	1.8 J
Hexane	1.3	0.31 J	4.5	1.1 J
2-Butanone (Methyl Ethyl Ketone)	5.2	3.6 J	15	10 J
2,2,4-Trimethylpentane	1.3	1.2 J	6.0	5.7 J
cis-1,3-Dichloropropene	1.3	0.42 J	5.8	1.9 J
4-Methyl-2-pentanone	1.3	0.76 J	5.3	3.1 J
Toluene	1.3	0.43 J	4.9	1.6 J
trans-1,3-Dichloropropene	1.3	0.77 J	5.8	3.5 J
Tetrachloroethene	1.3	0.30 J	8.8	2.0 J
2-Hexanone	5.2	2.4 J	21	9.7 J
1,2-Dibromoethane (EDB)	1.3	0.67 J	9.9	5.1 J
Chlorobenzene	1.3	0.34 J	5.9	1.6 J
m,p-Xylene	1.3	0.71 J	5.6	3.1 J
o-Xylene	1.3	0.33 J	5.6	1.4 J
Styrene	1.3	0.32 J	5.5	1.3 J
Cumene	1.3	3.8	6.3	19
Propylbenzene	1.3	0.45 J	6.3	2.2 J
4-Ethyltoluene	1.3	0.87 J	6.3	4.3 J
1,3,5-Trimethylbenzene	1.3	0.68 J	6.3	3.3 J
1,2,4-Trimethylbenzene	1.3	2.1	6.3	10
1,3-Dichlorobenzene	1.3	0.67 J	7.8	4.0 J
1,4-Dichlorobenzene	1.3	0.81 J	7.8	4.9 J
alpha-Chlorotoluene	1.3	0.47 J	6.7	2.4 J
1,2-Dichlorobenzene	1.3	0.59 J	7.8	3.6 J
1,2,4-Trichlorobenzene	5.2	1.7 J	38	12 J
Isopentane	5.2	4.6 J	15	14 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-2-8.5-050613

Lab ID#: 1305155A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.57 J	6.8	2.8 J
Freon 11	1.4	0.29 J	7.8	1.6 J
Acetone	14	5.4 J	33	13 J
2-Propanol	5.5	1.2 J	14	2.9 J
Carbon Disulfide	5.5	1.5 J	17	4.8 J
Methylene Chloride	14	0.47 J	48	1.6 J
Hexane	1.4	1.0 J	4.9	3.6 J
2,2,4-Trimethylpentane	1.4	0.87 J	6.5	4.0 J
Benzene	1.4	2.5	4.4	8.0
Heptane	1.4	0.66 J	5.7	2.7 J
Toluene	1.4	2.0	5.2	7.6
trans-1,3-Dichloropropene	1.4	0.44 J	6.3	2.0 J
Tetrachloroethene	1.4	0.37 J	9.4	2.5 J
1,2-Dibromoethane (EDB)	1.4	0.37 J	11	2.8 J
Chlorobenzene	1.4	0.26 J	6.4	1.2 J
Ethyl Benzene	1.4	0.69 J	6.0	3.0 J
m,p-Xylene	1.4	1.4	6.0	6.1
o-Xylene	1.4	0.74 J	6.0	3.2 J
Styrene	1.4	0.20 J	5.9	0.86 J
4-Ethyltoluene	1.4	0.29 J	6.8	1.4 J
1,3-Dichlorobenzene	1.4	0.43 J	8.3	2.6 J
1,4-Dichlorobenzene	1.4	0.56 J	8.3	3.4 J
alpha-Chlorotoluene	1.4	0.26 J	7.2	1.3 J
1,2-Dichlorobenzene	1.4	0.33 J	8.3	2.0 J
1,2,4-Trichlorobenzene	5.5	0.98 J	41	7.3 J
Isopentane	5.5	1.1 J	16	3.3 J

Client Sample ID: VMP-2-8.5-050613-Dup

Lab ID#: 1305155A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	0.56 J	6.6	2.8 J
Freon 11	1.3	0.28 J	7.6	1.6 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-2-8.5-050613-Dup

Lab ID#: 1305155A-03A

Acetone	13	4.2 J	32	10 J
2-Propanol	5.4	0.58 J	13	1.4 J
Carbon Disulfide	5.4	~~1.4 J~~ U	17	~~4.3 J~~ U
Hexane	1.3	0.90 J	4.7	3.2 J
Cyclohexane	1.3	0.49 J	4.6	1.7 J
2,2,4-Trimethylpentane	1.3	1.2 J	6.3	5.8 J
Benzene	1.3	2.0	4.3	6.4
Heptane	1.3	0.96 J	5.5	3.9 J
Toluene	1.3	0.63 J	5.1	2.4 J
trans-1,3-Dichloropropene	1.3	~~0.60 J~~ U	6.1	~~2.7 J~~ U
Tetrachloroethene	1.3	~~0.36 J~~ U	9.1	~~2.4 J~~ U
1,2-Dibromoethane (EDB)	1.3	~~0.32 J~~ U	10	~~2.5 J~~ U
Chlorobenzene	1.3	~~0.26 J~~ U	6.2	~~1.2 J~~ U
Ethyl Benzene	1.3	0.53 J	5.8	2.3 J
m,p-Xylene	1.3	0.94 J	5.8	4.1 J
o-Xylene	1.3	0.44 J	5.8	1.9 J
Styrene	1.3	~~0.22 J~~ U	5.7	~~0.92 J~~ U
1,3-Dichlorobenzene	1.3	~~0.35 J~~ U	8.1	~~2.1 J~~ U
1,4-Dichlorobenzene	1.3	~~0.61 J~~ U	8.1	~~3.7 J~~ U
alpha-Chlorotoluene	1.3	~~0.34 J~~ U	7.0	~~1.8 J~~ U
1,2-Dichlorobenzene	1.3	~~0.26 J~~ U	8.1	~~1.6 J~~ U
1,2,4-Trichlorobenzene	5.4	~~1.0 J~~ U	40	~~7.5 J~~ U
Isopentane	5.4	1.8 J	16	5.3 J

Client Sample ID: VMP-2-22-050613

Lab ID#: 1305155A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.56 J	6.8	2.8 J
Freon 11	1.4	0.35 J	7.8	2.0 J
Acetone	14	4.7 J	33	11 J
2-Propanol	5.5	1.2 J	14	2.9 J
Carbon Disulfide	5.5	~~1.4 J~~ U	17	~~4.4 J~~ U
Hexane	1.4	0.45 J	4.9	1.6 J
2,2,4-Trimethylpentane	1.4	0.65 J	6.5	3.0 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-2-22-050613

Lab ID#: 1305155A-04A

Benzene	1.4	4.7	4.4	15
Toluene	1.4	0.25 J	5.2	0.94 J
trans-1,3-Dichloropropene	1.4	0.43 J	6.3	2.0 J
Tetrachloroethene	1.4	0.76 J	9.4	5.1 J
1,2-Dibromoethane (EDB)	1.4	0.38 J	11	2.9 J
1,3-Dichlorobenzene	1.4	0.31 J	8.3	1.9 J
1,4-Dichlorobenzene	1.4	0.42 J	8.3	2.5 J
1,2,4-Trichlorobenzene	5.5	0.82 J	41	6.1 J
Isopentane	5.5	0.91 J	16	2.7 J

Client Sample ID: VMP-24-34-050613

Lab ID#: 1305155A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.46 J	7.9	2.3 J
Freon 11	1.6	0.26 J	9.0	1.4 J
Carbon Disulfide	6.4	1.7 J	20	5.2 J
Hexane	1.6	1.6	5.6	5.6
Cyclohexane	1.6	2.2	5.5	7.5
2,2,4-Trimethylpentane	1.6	0.78 J	7.5	3.6 J
Benzene	1.6	18	5.1	56
Heptane	1.6	1.4 J	6.6	5.8 J
Toluene	1.6	9.1	6.0	34
trans-1,3-Dichloropropene	1.6	0.49 J	7.3	2.2 J
Tetrachloroethene	1.6	0.27 J	11	1.8 J
1,2-Dibromoethane (EDB)	1.6	0.36 J	12	2.7 J
m,p-Xylene	1.6	0.90 J	6.9	3.9 J
1,3-Dichlorobenzene	1.6	0.34 J	9.6	2.0 J
1,4-Dichlorobenzene	1.6	0.45 J	9.6	2.7 J
alpha-Chlorotoluene	1.6	0.32 J	8.3	1.6 J
1,2-Dichlorobenzene	1.6	0.33 J	9.6	2.0 J
1,2,4-Trichlorobenzene	6.4	0.88 J	47	6.5 J
Isopentane	6.4	2.3 J	19	6.8 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-29-10-050613

Lab ID#: 1305155A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.48 J	6.8	2.4 J
Freon 11	1.4	0.20 J	7.7	1.1 J
Ethanol	5.5	4.9 J	10	9.3 J
Acetone	14	90	32	210
2-Propanol	5.5	8.7	13	21
Carbon Disulfide	5.5	8.6	17	27
Hexane	1.4	0.49 J	4.8	1.7 J
2-Butanone (Methyl Ethyl Ketone)	5.5	240	16	710
Tetrahydrofuran	1.4	200	4.0	600
Cyclohexane	1.4	0.69 J	4.7	2.4 J
2,2,4-Trimethylpentane	1.4	2.8	6.4	13
Benzene	1.4	7.2	4.4	23
Toluene	1.4	~~0.49 J~~	5.1	~~1.8 J~~
Tetrachloroethene	1.4	~~0.16 J~~	9.2	~~1.1 J~~
Chlorobenzene	1.4	~~0.18 J~~	6.3	~~0.82 J~~
4-Ethyltoluene	1.4	~~0.17 J~~	6.7	~~0.83 J~~
1,3-Dichlorobenzene	1.4	~~0.29 J~~	8.2	~~1.7 J~~
1,4-Dichlorobenzene	1.4	~~0.46 J~~	8.2	~~2.8 J~~
alpha-Chlorotoluene	1.4	~~0.24 J~~	7.1	~~1.2 J~~
1,2,4-Trichlorobenzene	5.5	0.63 J	40	~~4.6 J~~
Butane	5.5	4.4 J	13	~~10 J~~
Isopentane	5.5	16	16	48

Client Sample ID: VMP-29-20-050613

Lab ID#: 1305155A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	56	610	130	1400
Carbon Disulfide	22	26	69	82
2-Butanone (Methyl Ethyl Ketone)	22	1800	65	5500
Tetrahydrofuran	5.6	780	16	2300
Benzene	5.6	38	18	120
Toluene	5.6	~~0.48 J~~	21	~~1.8 J~~

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-29-30-050613

Lab ID#: 1305155A-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	48	530	110	1200
Carbon Disulfide	19	28	60	88
2-Butanone (Methyl Ethyl Ketone)	19	1500	57	4300
Tetrahydrofuran	4.8	680	14	2000
Chloroform	4.8	1.0 J	24	5.2 J
2,2,4-Trimethylpentane	4.8	1.3 J	22	6.1 J
Benzene	4.8	52	15	160
Toluene	4.8	0.91 J	18	3.4 J
Isopentane	19	6.4 J	57	19 J

Client Sample ID: VMP-30-10-050613 * Use these results only. All other data was reported from the 2.85x dilution analysis.

Lab ID#: 1305155A-09A

DF=950

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	48	420	110	1000
2-Propanol	19	11 J	47	26 J
Carbon Disulfide	19	12 J	59	36 J
* 2-Butanone (Methyl Ethyl Ketone)	19	1100	56	3200
Tetrahydrofuran	4.8	690	14	2000
2,2,4-Trimethylpentane	4.8	2.6 J	22	12 J
Benzene	4.8	18	15	58
Toluene	4.8	0.43 J	18	1.6 J
Isopentane	19	12 J	56	34 J

Client Sample ID: VMP-30-10-050613 * Do not use this data. Use all other data

Lab ID#: 1305155A-09B

DF=2.85

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.50 J	7.0	2.5 J
Freon 11	1.4	0.28 J	8.0	1.5 J
Ethanol	5.7	~~2.3 J~~ LA	11	~~4.3 J~~ LA
Acetone	14	460	34	1100
2-Propanol	5.7	12	14	28

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-30-10-050613

Lab ID#: 1305155A-09B

Carbon Disulfide	5.7	10	18	33
2-Butanone (Methyl Ethyl Ketone)	5.7	1200 E	17	3600 E
Tetrahydrofuran	1.4	740 E	4.2	2200 E
Cyclohexane	1.4	1.1 J	4.9	3.7 J
2,2,4-Trimethylpentane	1.4	3.3	6.6	16
Benzene	1.4	18	4.6	57
4-Methyl-2-pentanone	1.4	0.55 J	5.8	2.2 J
Toluene	1.4	0.33 J	5.4	1.2 J
Tetrachloroethene	1.4	0.31 J	9.7	2.1 J
1,2-Dibromoethane (EDB)	1.4	0.33 J	11	2.5 J
m,p-Xylene	1.4	0.40 J	6.2	1.8 J
Cumene	1.4	0.16 J	7.0	0.81 J
1,3-Dichlorobenzene	1.4	0.25 J	8.6	1.5 J
1,4-Dichlorobenzene	1.4	0.36 J	8.6	2.2 J
alpha-Chlorotoluene	1.4	0.26 J	7.4	1.3 J
1,2,4-Trichlorobenzene	5.7	0.63 J	42	4.7 J
Butane	5.7	2.0 J	14	4.8 J
Isopentane	5.7	11	17	32

Client Sample ID: VMP-30-20-050613

Lab ID#: 1305155A-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	140	1600	330	3900
2-Propanol	56	96	140	240
Carbon Disulfide	56	40 J	170	120 J
2-Butanone (Methyl Ethyl Ketone)	56	4400	160	13000
Tetrahydrofuran	14	2000	41	5800
Benzene	14	120	44	390

Client Sample ID: VMP-30-30-050613

Lab ID#: 1305155A-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-30-30-050613

Lab ID#: 1305155A-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	79	1300	190	3100
Carbon Disulfide	32	44	98	140
2-Butanone (Methyl Ethyl Ketone)	32	3100	93	9200
Tetrahydrofuran	7.9	1300	23	3800
Benzene	7.9	380	25	1200

Client Sample ID: VMP-32-5-050713

Lab ID#: 1305155A-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.55 J	6.7	2.7 J
Freon 11	1.4	0.30 J	7.6	1.7 J
Acetone	14	7.5 J	32	18 J
2-Propanol	5.4	2.0 J	13	4.9 J
Carbon Disulfide	5.4	~~1.2 J~~ U	17	~~3.7 J~~ U
Hexane	1.4	0.38 J	4.8	1.3 J
2-Butanone (Methyl Ethyl Ketone)	5.4	4.4 J	16	13 J
Tetrahydrofuran	1.4	0.99 J	4.0	2.9 J
2,2,4-Trimethylpentane	1.4	0.42 J	6.4	2.0 J
Benzene	1.4	2.8	4.3	9.0
Toluene	1.4	~~0.26 J~~ U	5.1	~~1.0 J~~ U
Tetrachloroethene	1.4	~~0.20 J~~ U	9.2	~~1.3 J~~ U
1,3-Dichlorobenzene	1.4	~~0.21 J~~ U	8.2	~~1.3 J~~ U
1,4-Dichlorobenzene	1.4	~~0.28 J~~ U	8.2	~~1.7 J~~ U
1,2,4-Trichlorobenzene	5.4	~~0.53 J~~ U	40	~~3.9 J~~ U
Isopentane	5.4	0.77 J	16	2.3 J

Client Sample ID: VMP-32-10-050713

Lab ID#: 1305155A-13A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.49 J	7.0	2.4 J
Freon 11	1.4	0.37 J	7.9	2.1 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-32-10-050713

Lab ID#: 1305155A-13A

Acetone	14	3.7 J	33	8.7 J
2-Propanol	5.6	1.8 J	14	4.5 J
Carbon Disulfide	5.6	~~1.3 J~~ U	18	~~4.1 J~~ U
Methylene Chloride	14	0.40 J	49	1.4 J
Hexane	1.4	0.74 J	5.0	2.6 J
Cyclohexane	1.4	1.1 J	4.8	3.7 J
2,2,4-Trimethylpentane	1.4	5.3	6.6	25
Benzene	1.4	0.62 J	4.5	2.0 J
Toluene	1.4	~~0.30 J~~ U	5.3	~~1.1 J~~ U
Tetrachloroethene	1.4	0.18 J	9.6	1.2 J
1,2-Dibromoethane (EDB)	1.4	~~0.36 J~~ U	11	~~2.8 J~~ U
Chlorobenzene	1.4	~~0.21 J~~ U	6.5	~~0.96 J~~ U
1,1,2,2-Tetrachloroethane	1.4	0.22 J	9.7	1.5 J
Propylbenzene	1.4	~~0.17 J~~ U	6.9	~~0.82 J~~ U
4-Ethyltoluene	1.4	~~0.17 J~~ U	6.9	~~0.86 J~~ U
1,3-Dichlorobenzene	1.4	~~0.47 J~~ U	8.5	~~2.8 J~~ U
1,4-Dichlorobenzene	1.4	~~0.47 J~~ U	8.5	~~2.8 J~~ U
alpha-Chlorotoluene	1.4	~~0.27 J~~ U	7.3	~~1.4 J~~ U
1,2-Dichlorobenzene	1.4	~~0.32 J~~ U	8.5	~~1.9 J~~ U
1,2,4-Trichlorobenzene	5.6	~~1.4 J~~ U	42	~~10 J~~ U
Butane	5.6	2.2 J	13	5.2 J
Isopentane	5.6	11	17	32

Client Sample ID: VMP-32-20-050713

Lab ID#: 1305155A-14A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.48 J	7.6	2.4 J
Freon 11	1.5	0.28 J	8.7	1.6 J
Acetone	15	3.6 J	37	8.7 J
2-Propanol	6.2	2.1 J	15	5.2 J
Carbon Disulfide	6.2	~~1.3 J~~ U	19	~~4.0 J~~ U
Hexane	1.5	0.66 J	5.4	2.3 J
2-Butanone (Methyl Ethyl Ketone)	6.2	1.1 J	18	3.3 J
Chloroform	1.5	0.37 J	7.5	1.8 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-32-20-050713

Lab ID#: 1305155A-14A

2,2,4-Trimethylpentane	1.5	0.47 J	7.2	2.2 J
Benzene	1.5	2.1	4.9	6.8
Heptane	1.5	0.59 J	6.3	2.4 J
Toluene	1.5	0.50 J	5.8	1.9 J
trans-1,3-Dichloropropene	1.5	~~0.40 J~~ U	7.0	~~1.8 J~~ U
Tetrachloroethene	1.5	0.19 J	10	1.3 J
Ethyl Benzene	1.5	0.55 J	6.7	2.4 J
m,p-Xylene	1.5	0.86 J	6.7	3.7 J
o-Xylene	1.5	0.50 J	6.7	2.2 J
4-Ethyltoluene	1.5	~~0.21 J~~ U	7.6	~~1.0 J~~ U
1,3-Dichlorobenzene	1.5	~~0.38 J~~ U	9.3	~~2.3 J~~ U
1,4-Dichlorobenzene	1.5	~~0.45 J~~ U	9.3	~~2.7 J~~ U
1,2-Dichlorobenzene	1.5	~~0.32 J~~ U	9.3	~~2.0 J~~ U
1,2,4-Trichlorobenzene	6.2	~~1.2 J~~ U	46	~~9.2 J~~ U
Isopentane	6.2	0.94 J	18	2.8 J

Client Sample ID: VMP-32-20-050713-Dup

Lab ID#: 1305155A-15A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.50 J	7.0	2.5 J
Freon 11	1.4	0.22 J	8.0	1.2 J
Ethanol	5.7	3.0 J	11	5.7 J
Acetone	14	3.7 J	34	8.7 J
Carbon Disulfide	5.7	~~1.6 J~~ U	18	~~4.9 J~~ U
Hexane	1.4	0.96 J	5.0	3.4 J
2-Butanone (Methyl Ethyl Ketone)	5.7	0.90 J	17	2.6 J
Chloroform	1.4	0.46 J	6.9	2.2 J
2,2,4-Trimethylpentane	1.4	0.43 J	6.6	2.0 J
Benzene	1.4	1.2 J	4.5	3.8 J
Heptane	1.4	1.1 J	5.8	4.4 J
cis-1,3-Dichloropropene	1.4	0.30 J	6.4	1.3 J
Toluene	1.4	0.43 J	5.4	1.6 J
1,2-Dibromoethane (EDB)	1.4	~~0.52 J~~ U	11	~~4.0 J~~ U
Chlorobenzene	1.4	~~0.20 J~~ U	6.5	~~0.92 J~~ U

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-32-20-050713-Dup

Lab ID#: 1305155A-15A

Ethyl Benzene	1.4	0.44 J	6.2	1.9 J
m,p-Xylene	1.4	0.85 J	6.2	3.7 J
o-Xylene	1.4	0.49 J	6.2	2.1 J
4-Ethyltoluene	1.4	~~0.24 J~~ U	7.0	~~1.2 J~~ U
1,3-Dichlorobenzene	1.4	~~0.53 J~~ U	8.5	~~3.2 J~~ U
1,4-Dichlorobenzene	1.4	~~0.67 J~~ U	8.5	~~4.0 J~~ U
alpha-Chlorotoluene	1.4	~~0.33 J~~ U	7.4	~~1.7 J~~ U
1,2-Dichlorobenzene	1.4	~~0.33 J~~ U	8.5	~~2.0 J~~ U
1,2,4-Trichlorobenzene	5.7	~~1.4 J~~ U	42	~~11 J~~ U
Butane	5.7	2.2 J	14	5.1 J
Isopentane	5.7	1.1 J	17	3.3 J

Client Sample ID: VMP-48-5-050313

Lab ID#: 1305155A-16A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	0.47 J	6.6	2.3 J
Freon 11	1.3	0.23 J	7.6	1.3 J
Acetone	13	4.9 J	32	12 J
Carbon Disulfide	5.4	~~2.2 J~~ U	17	~~6.8 J~~ U
Methylene Chloride	13	0.25 J	47	0.86 J
Hexane	1.3	0.32 J	4.7	1.1 J
2,2,4-Trimethylpentane	1.3	0.55 J	6.3	2.6 J
Toluene	1.3	~~0.22 J~~ U	5.1	~~0.82 J~~ U
trans-1,3-Dichloropropene	1.3	~~0.45 J~~ U	6.1	~~2.0 J~~ U
Tetrachloroethene	1.3	0.38 J	9.1	2.6 J
1,2-Dibromoethane (EDB)	1.3	~~0.40 J~~ U	10	~~3.1 J~~ U
1,3-Dichlorobenzene	1.3	~~0.34 J~~ U	8.1	~~2.1 J~~ U
1,4-Dichlorobenzene	1.3	~~0.45 J~~ U	8.1	~~2.7 J~~ U
alpha-Chlorotoluene	1.3	~~0.25 J~~ U	7.0	~~1.3 J~~ U
1,2,4-Trichlorobenzene	5.4	~~0.95 J~~ U	40	~~7.0 J~~ U
Butane	5.4	2.0 J	13	4.8 J
Isopentane	5.4	6.0	16	18

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-48-30-050313

Lab ID#: 1305155A-17A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.2	0.54 J	6.1	2.7 J
Freon 11	1.2	3.5	6.9	20
Acetone	12	3.5 J	29	8.3 J
2-Propanol	4.9	8.1	12	20
Carbon Disulfide	4.9	70	15	220
Methylene Chloride	12	0.97 J	43	3.4 J
Hexane	1.2	3.5	4.3	12
Cyclohexane	1.2	0.78 J	4.2	2.7 J
2,2,4-Trimethylpentane	1.2	210	5.7	970
Benzene	1.2	0.70 J	3.9	2.2 J
Heptane	1.2	1.1 J	5.0	4.6 J
Toluene	1.2	1.5	4.6	5.5
Tetrachloroethene	1.2	0.20 J	8.3	1.3 J
1,2-Dibromoethane (EDB)	1.2	~~0.56 J~~	9.4	~~4.3 J~~
Chlorobenzene	1.2	~~0.24 J~~	5.7	~~1.1 J~~
Ethyl Benzene	1.2	0.87 J	5.3	3.8 J
m,p-Xylene	1.2	1.1 J	5.3	4.8 J
o-Xylene	1.2	0.30 J	5.3	1.3 J
Styrene	1.2	0.29 J	5.2	1.2 J
Propylbenzene	1.2	0.45 J	6.0	2.2 J
4-Ethyltoluene	1.2	0.46 J	6.0	2.3 J
1,3,5-Trimethylbenzene	1.2	1.4	6.0	7.1
1,2,4-Trimethylbenzene	1.2	0.82 J	6.0	4.0 J
1,3-Dichlorobenzene	1.2	~~0.30 J~~	7.4	~~1.8 J~~
1,4-Dichlorobenzene	1.2	~~0.34 J~~	7.4	~~2.0 J~~
alpha-Chlorotoluene	1.2	~~0.28 J~~	6.4	~~1.4 J~~
1,2,4-Trichlorobenzene	4.9	~~0.70 J~~	36	~~5.2 J~~
Butane	4.9	96	12	230
Isopentane	4.9	39	14	120

Client Sample ID: VMP-50-5-050713

Lab ID#: 1305155A-18A

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-50-5-050713

Lab ID#: 1305155A-18A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.52 J	7.0	2.6 J
Freon 11	1.4	0.30 J	8.0	1.6 J
Acetone	14	3.9 J	34	9.2 J
2-Propanol	5.7	3.9 J	14	9.6 J
Carbon Disulfide	5.7	~~2.2 J~~ U	18	~~7.0 J~~ U
1,1,1-Trichloroethane	1.4	3.1	7.7	17
2,2,4-Trimethylpentane	1.4	0.97 J	6.6	4.5 J
Benzene	1.4	4.4	4.5	14
Toluene	1.4	~~0.23 J~~ U	5.4	~~0.86 J~~ U
trans-1,3-Dichloropropene	1.4	~~0.42 J~~ U	6.4	~~1.9 J~~ U
Tetrachloroethene	1.4	0.29 J	9.6	1.9 J
1,2-Dibromoethane (EDB)	1.4	~~0.38 J~~ U	11	~~2.9 J~~ U
1,3-Dichlorobenzene	1.4	~~0.30 J~~ U	8.5	~~1.8 J~~ U
1,4-Dichlorobenzene	1.4	~~0.42 J~~ U	8.5	~~2.5 J~~ U
1,2,4-Trichlorobenzene	5.7	~~0.77 J~~ U	42	~~5.7 J~~ U
Isopentane	5.7	2.3 J	17	6.8 J

Client Sample ID: VMP-50-10-050713

Lab ID#: 1305155A-19A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.56 J	7.5	2.8 J
Freon 11	1.5	0.19 J	8.5	1.1 J
Acetone	15	5.3 J	36	13 J
2-Propanol	6.0	2.7 J	15	6.7 J
Carbon Disulfide	6.0	~~1.6 J~~ U	19	~~5.0 J~~ U
Hexane	1.5	0.83 J	5.3	2.9 J
2-Butanone (Methyl Ethyl Ketone)	6.0	1.0 J	18	3.1 J
Chloroform	1.5	3.3	7.4	16
1,1,1-Trichloroethane	1.5	1.2 J	8.2	6.7 J
2,2,4-Trimethylpentane	1.5	0.70 J	7.0	3.3 J
Benzene	1.5	16	4.8	52
Toluene	1.5	~~0.25 J~~ U	5.7	~~0.94 J~~ U

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-50-10-050713

Lab ID#: 1305155A-19A

Tetrachloroethene	1.5	0.42 J	10	2.9 J
1,3-Dichlorobenzene	1.5	~~0.30 J~~ u	9.1	~~1.8 J~~ u
1,4-Dichlorobenzene	1.5	~~0.35 J~~ u	9.1	~~2.1 J~~ u
1,2,4-Trichlorobenzene	6.0	~~0.73 J~~ u	45	~~5.4 J~~ u
Isopentane	6.0	2.5 J	18	7.4 J

Client Sample ID: VMP-50-20-050713

Lab ID#: 1305155A-20A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Carbon Disulfide	41	23 J	130	71 J
Hexane	10	220	36	780
Cyclohexane	10	590	36	2000
2,2,4-Trimethylpentane	10	3500	48	16000
Benzene	10	5.9 J	33	19 J
Heptane	10	93	42	380
Toluene	10	11	39	40
m,p-Xylene	10	10 J	45	44 J
o-Xylene	10	10	45	45
4-Ethyltoluene	10	6.3 J	51	31 J
1,3,5-Trimethylbenzene	10	3.4 J	51	17 J
1,2,4-Trimethylbenzene	10	4.3 J	51	21 J
Butane	41	270	98	650
Isopentane	41	1000	120	3000

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Client Sample ID: VMP-2-5-050613

Lab ID#: 1305155A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051009**	**Date of Collection:**	**5/6/13 9:43:00 AM**
Dil. Factor:	**2.58**	**Date of Analysis:**	**5/10/13 05:13 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	0.44 J	6.4	2.2 J
Freon 114	1.3	Not Detected	9.0	Not Detected
Chloromethane	13	Not Detected	27	Not Detected
Vinyl Chloride	1.3	Not Detected	3.3	Not Detected
1,3-Butadiene	1.3	Not Detected	2.8	Not Detected
Bromomethane	13	Not Detected	50	Not Detected
Chloroethane	5.2	Not Detected	14	Not Detected
Freon 11	1.3	0.25 J	7.2	1.4 J
Ethanol	5.2	~~3.6 J~~ U	9.7	~~6.8 J~~ U
Freon 113	1.3	Not Detected	9.9	Not Detected
1,1-Dichloroethene	1.3	Not Detected	5.1	Not Detected
Acetone	13	47	31	110
2-Propanol	5.2	97	13	240
Carbon Disulfide	5.2	~~1.5 J~~ U	16	~~4.7 J~~ U
3-Chloropropene	5.2	Not Detected	16	Not Detected
Methylene Chloride	13	~~0.44 J~~ U	45	~~1.5 J~~ U
Methyl tert-butyl ether	1.3	Not Detected	4.6	Not Detected
trans-1,2-Dichloroethene	1.3	~~0.46 J~~ U	5.1	~~1.8 J~~ U
Hexane	1.3	0.31 J	4.5	1.1 J
1,1-Dichloroethane	1.3	Not Detected	5.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.2	3.6 J	15	10 J
cis-1,2-Dichloroethene	1.3	Not Detected	5.1	Not Detected
Tetrahydrofuran	1.3	Not Detected	3.8	Not Detected
Chloroform	1.3	Not Detected	6.3	Not Detected
1,1,1-Trichloroethane	1.3	Not Detected	7.0	Not Detected
Cyclohexane	1.3	Not Detected	4.4	Not Detected
Carbon Tetrachloride	1.3	Not Detected	8.1	Not Detected
2,2,4-Trimethylpentane	1.3	1.2 J	6.0	5.7 J
Benzene	1.3	Not Detected	4.1	Not Detected
1,2-Dichloroethane	1.3	Not Detected	5.2	Not Detected
Heptane	1.3	Not Detected	5.3	Not Detected
Trichloroethene	1.3	Not Detected	6.9	Not Detected
1,2-Dichloropropane	1.3	Not Detected	6.0	Not Detected
1,4-Dioxane	5.2	Not Detected	18	Not Detected
Bromodichloromethane	1.3	Not Detected	8.6	Not Detected
cis-1,3-Dichloropropene	1.3	~~0.42 J~~ U	5.8	~~1.9 J~~ U
4-Methyl-2-pentanone	1.3	0.76 J	5.3	3.1 J
Toluene	1.3	~~0.43 J~~ U	4.9	~~1.6 J~~ U
trans-1,3-Dichloropropene	1.3	~~0.77 J~~ U	5.8	~~3.5 J~~ U
1,1,2-Trichloroethane	1.3	Not Detected	7.0	Not Detected
Tetrachloroethene	1.3	~~0.30 J~~ U	8.8	~~2.0 J~~ U
2-Hexanone	5.2	2.4 J	21	9.7 J

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Client Sample ID: VMP-2-5-050613

Lab ID#: 1305155A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051009**	**Date of Collection: 5/6/13 9:43:00 AM**	
Dil. Factor:	**2.58**	**Date of Analysis: 5/10/13 05:13 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.3	Not Detected	11	Not Detected
1,2-Dibromoethane (EDB)	1.3	0.67 J	9.9	5.1 J
Chlorobenzene	1.3	0.34 J	5.9	1.6 J
Ethyl Benzene	1.3	Not Detected	5.6	Not Detected
m,p-Xylene	1.3	0.71 J	5.6	3.1 J
o-Xylene	1.3	0.33 J	5.6	1.4 J
Styrene	1.3	0.32 J	5.5	1.3 J
Bromoform	1.3	Not Detected	13	Not Detected
Cumene	1.3	3.8	6.3	19
1,1,2,2-Tetrachloroethane	1.3	Not Detected	8.8	Not Detected
Propylbenzene	1.3	0.45 J	6.3	2.2 J
4-Ethyltoluene	1.3	0.87 J	6.3	4.3 J
1,3,5-Trimethylbenzene	1.3	0.68 J	6.3	3.3 J
1,2,4-Trimethylbenzene	1.3	2.1	6.3	10
1,3-Dichlorobenzene	1.3	0.67 J	7.8	4.0 J
1,4-Dichlorobenzene	1.3	0.81 J	7.8	4.9 J
alpha-Chlorotoluene	1.3	0.47 J	6.7	2.4 J
1,2-Dichlorobenzene	1.3	0.59 J	7.8	3.6 J
1,2,4-Trichlorobenzene	5.2	1.7 J	38	12 J
Hexachlorobutadiene	5.2	Not Detected	55	Not Detected
Butane	5.2	Not Detected	12	Not Detected
Isopentane	5.2	4.6 J	15	14 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: VMP-2-8.5-050613

Lab ID#: 1305155A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p051010	Date of Collection:	5/6/13 10:36:00 AM
Dil. Factor:	2.77	Date of Analysis:	5/10/13 05:57 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.57 J	6.8	2.8 J
Freon 114	1.4	Not Detected	9.7	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.5	Not Detected
1,3-Butadiene	1.4	Not Detected	3.1	Not Detected
Bromomethane	14	Not Detected	54	Not Detected
Chloroethane	5.5	Not Detected	15	Not Detected
Freon 11	1.4	0.29 J	7.8	1.6 J
Ethanol	5.5	Not Detected	10	Not Detected
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.5	Not Detected
Acetone	14	5.4 J	33	13 J
2-Propanol	5.5	1.2 J	14	2.9 J
Carbon Disulfide	5.5	~~1.5 J~~ U	17	~~4.8 J~~ U
3-Chloropropene	5.5	Not Detected	17	Not Detected
Methylene Chloride	14	~~0.47 J~~ U	48	~~1.6 J~~ U
Methyl tert-butyl ether	1.4	Not Detected	5.0	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.5	Not Detected
Hexane	1.4	1.0 J	4.9	3.6 J
1,1-Dichloroethane	1.4	Not Detected	5.6	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.5	Not Detected	16	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.5	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.1	Not Detected
Chloroform	1.4	Not Detected	6.8	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.6	Not Detected
Cyclohexane	1.4	Not Detected	4.8	Not Detected
Carbon Tetrachloride	1.4	Not Detected	8.7	Not Detected
2,2,4-Trimethylpentane	1.4	0.87 J	6.5	4.0 J
Benzene	1.4	2.5	4.4	8.0
1,2-Dichloroethane	1.4	Not Detected	5.6	Not Detected
Heptane	1.4	0.66 J	5.7	2.7 J
Trichloroethene	1.4	Not Detected	7.4	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.4	Not Detected
1,4-Dioxane	5.5	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.3	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.3	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.7	Not Detected
Toluene	1.4	2.0	5.2	7.6
trans-1,3-Dichloropropene	1.4	~~0.44 J~~ U	6.3	~~2.0 J~~ U
1,1,2-Trichloroethane	1.4	Not Detected	7.6	Not Detected
Tetrachloroethene	1.4	~~0.37 J~~ U	9.4	~~2.5 J~~ U
2-Hexanone	5.5	Not Detected	23	Not Detected

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Client Sample ID: VMP-2-8.5-0506I3

Lab ID#: 1305155A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051010**	**Date of Collection: 5/6/13 10:36:00 AM**	
Dil. Factor:	**2.77**	**Date of Analysis: 5/10/13 05:57 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	0.37 J	11	2.8 J
Chlorobenzene	1.4	0.26 J	6.4	1.2 J
Ethyl Benzene	1.4	0.69 J	6.0	3.0 J
m,p-Xylene	1.4	1.4	6.0	6.1
o-Xylene	1.4	0.74 J	6.0	3.2 J
Styrene	1.4	0.20 J	5.9	0.86 J
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	Not Detected	6.8	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.5	Not Detected
Propylbenzene	1.4	Not Detected	6.8	Not Detected
4-Ethyltoluene	1.4	0.29 J	6.8	1.4 J
1,3,5-Trimethylbenzene	1.4	Not Detected	6.8	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	6.8	Not Detected
1,3-Dichlorobenzene	1.4	0.43 J	8.3	2.6 J
1,4-Dichlorobenzene	1.4	0.56 J	8.3	3.4 J
alpha-Chlorotoluene	1.4	0.26 J	7.2	1.3 J
1,2-Dichlorobenzene	1.4	0.33 J	8.3	2.0 J
1,2,4-Trichlorobenzene	5.5	0.98 J	41	7.3 J
Hexachlorobutadiene	5.5	Not Detected	59	Not Detected
Butane	5.5	Not Detected	13	Not Detected
Isopentane	5.5	1.1 J	16	3.3 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VMP-2-8.5-050613-Dup

Lab ID#: 1305155A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051011**	**Date of Collection: 5/6/13 10:36:00 AM**	
Dil. Factor:	**2.69**	**Date of Analysis: 5/10/13 06:36 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	0.56 J	6.6	2.8 J
Freon 114	1.3	Not Detected	9.4	Not Detected
Chloromethane	13	Not Detected	28	Not Detected
Vinyl Chloride	1.3	Not Detected	3.4	Not Detected
1,3-Butadiene	1.3	Not Detected	3.0	Not Detected
Bromomethane	13	Not Detected	52	Not Detected
Chloroethane	5.4	Not Detected	14	Not Detected
Freon 11	1.3	0.28 J	7.6	1.6 J
Ethanol	5.4	Not Detected	10	Not Detected
Freon 113	1.3	Not Detected	10	Not Detected
1,1-Dichloroethene	1.3	Not Detected	5.3	Not Detected
Acetone	13	4.2 J	32	10 J
2-Propanol	5.4	0.58 J	13	1.4 J
Carbon Disulfide	5.4	~~1.4 J~~	17	~~4.3 J~~
3-Chloropropene	5.4	Not Detected	17	Not Detected
Methylene Chloride	13	Not Detected	47	Not Detected
Methyl tert-butyl ether	1.3	Not Detected	4.8	Not Detected
trans-1,2-Dichloroethene	1.3	Not Detected	5.3	Not Detected
Hexane	1.3	0.90 J	4.7	3.2 J
1,1-Dichloroethane	1.3	Not Detected	5.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.4	Not Detected	16	Not Detected
cis-1,2-Dichloroethene	1.3	Not Detected	5.3	Not Detected
Tetrahydrofuran	1.3	Not Detected	4.0	Not Detected
Chloroform	1.3	Not Detected	6.6	Not Detected
1,1,1-Trichloroethane	1.3	Not Detected	7.3	Not Detected
Cyclohexane	1.3	0.49 J	4.6	1.7 J
Carbon Tetrachloride	1.3	Not Detected	8.5	Not Detected
2,2,4-Trimethylpentane	1.3	1.2 J	6.3	5.8 J
Benzene	1.3	2.0	4.3	6.4
1,2-Dichloroethane	1.3	Not Detected	5.4	Not Detected
Heptane	1.3	0.96 J	5.5	3.9 J
Trichloroethene	1.3	Not Detected	7.2	Not Detected
1,2-Dichloropropane	1.3	Not Detected	6.2	Not Detected
1,4-Dioxane	5.4	Not Detected	19	Not Detected
Bromodichloromethane	1.3	Not Detected	9.0	Not Detected
cis-1,3-Dichloropropene	1.3	Not Detected	6.1	Not Detected
4-Methyl-2-pentanone	1.3	Not Detected	5.5	Not Detected
Toluene	1.3	0.63 J	5.1	2.4 J
trans-1,3-Dichloropropene	1.3	~~0.60 J~~	6.1	~~2.7 J~~
1,1,2-Trichloroethane	1.3	Not Detected	7.3	Not Detected
Tetrachloroethene	1.3	~~0.36 J~~	9.1	~~2.4 J~~
2-Hexanone	5.4	Not Detected	22	Not Detected

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Client Sample ID: VMP-2-8.5-050613-Dup

Lab ID#: 1305155A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051011**	**Date of Collection: 5/6/13 10:36:00 AM**	
Dil. Factor:	**2.69**	**Date of Analysis: 5/10/13 06:36 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.3	Not Detected	11	Not Detected
1,2-Dibromoethane (EDB)	1.3	0.32 J	10	2.5 J
Chlorobenzene	1.3	0.26 J	6.2	1.2 J
Ethyl Benzene	1.3	0.53 J	5.8	2.3 J
m,p-Xylene	1.3	0.94 J	5.8	4.1 J
o-Xylene	1.3	0.44 J	5.8	1.9 J
Styrene	1.3	0.22 J	5.7	0.92 J
Bromoform	1.3	Not Detected	14	Not Detected
Cumene	1.3	Not Detected	6.6	Not Detected
1,1,2,2-Tetrachloroethane	1.3	Not Detected	9.2	Not Detected
Propylbenzene	1.3	Not Detected	6.6	Not Detected
4-Ethyltoluene	1.3	Not Detected	6.6	Not Detected
1,3,5-Trimethylbenzene	1.3	Not Detected	6.6	Not Detected
1,2,4-Trimethylbenzene	1.3	Not Detected	6.6	Not Detected
1,3-Dichlorobenzene	1.3	0.35 J	8.1	2.1 J
1,4-Dichlorobenzene	1.3	0.61 J	8.1	3.7 J
alpha-Chlorotoluene	1.3	0.34 J	7.0	1.8 J
1,2-Dichlorobenzene	1.3	0.26 J	8.1	1.6 J
1,2,4-Trichlorobenzene	5.4	1.0 J	40	7.5 J
Hexachlorobutadiene	5.4	Not Detected	57	Not Detected
Butane	5.4	Not Detected	13	Not Detected
Isopentane	5.4	1.8 J	16	5.3 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: VMP-2-22-050613

Lab ID#: 1305155A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051012**	**Date of Collection: 5/6/13 11:19:00 AM**	
Dil. Factor:	**2.77**	**Date of Analysis: 5/10/13 07:17 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.56 J	6.8	2.8 J
Freon 114	1.4	Not Detected	9.7	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.5	Not Detected
1,3-Butadiene	1.4	Not Detected	3.1	Not Detected
Bromomethane	14	Not Detected	54	Not Detected
Chloroethane	5.5	Not Detected	15	Not Detected
Freon 11	1.4	0.35 J	7.8	2.0 J
Ethanol	5.5	Not Detected	10	Not Detected
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.5	Not Detected
Acetone	14	4.7 J	33	11 J
2-Propanol	5.5	1.2 J	14	2.9 J
Carbon Disulfide	5.5	~~1.4 J~~ U	17	~~4.4 J~~ U
3-Chloropropene	5.5	Not Detected	17	Not Detected
Methylene Chloride	14	Not Detected	48	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.0	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.5	Not Detected
Hexane	1.4	0.45 J	4.9	1.6 J
1,1-Dichloroethane	1.4	Not Detected	5.6	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.5	Not Detected	16	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.5	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.1	Not Detected
Chloroform	1.4	Not Detected	6.8	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.6	Not Detected
Cyclohexane	1.4	Not Detected	4.8	Not Detected
Carbon Tetrachloride	1.4	Not Detected	8.7	Not Detected
2,2,4-Trimethylpentane	1.4	0.65 J	6.5	3.0 J
Benzene	1.4	4.7	4.4	15
1,2-Dichloroethane	1.4	Not Detected	5.6	Not Detected
Heptane	1.4	Not Detected	5.7	Not Detected
Trichloroethene	1.4	Not Detected	7.4	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.4	Not Detected
1,4-Dioxane	5.5	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.3	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.3	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.7	Not Detected
Toluene	1.4	~~0.25 J~~ U	5.2	~~0.94 J~~ U
trans-1,3-Dichloropropene	1.4	~~0.43 J~~ U	6.3	~~2.0 J~~ U
1,1,2-Trichloroethane	1.4	Not Detected	7.6	Not Detected
Tetrachloroethene	1.4	0.76 J	9.4	5.1 J
2-Hexanone	5.5	Not Detected	23	Not Detected

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Client Sample ID: VMP-2-22-050613

Lab ID#: 1305155A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p051012	**Date of Collection:**	5/6/13 11:19:00 AM
Dil. Factor:	2.77	**Date of Analysis:**	5/10/13 07:17 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	0.38 J	11	2.9 J
Chlorobenzene	1.4	Not Detected	6.4	Not Detected
Ethyl Benzene	1.4	Not Detected	6.0	Not Detected
m,p-Xylene	1.4	Not Detected	6.0	Not Detected
o-Xylene	1.4	Not Detected	6.0	Not Detected
Styrene	1.4	Not Detected	5.9	Not Detected
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	Not Detected	6.8	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.5	Not Detected
Propylbenzene	1.4	Not Detected	6.8	Not Detected
4-Ethyltoluene	1.4	Not Detected	6.8	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	6.8	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	6.8	Not Detected
1,3-Dichlorobenzene	1.4	0.31 J	8.3	1.9 J
1,4-Dichlorobenzene	1.4	0.42 J	8.3	2.5 J
alpha-Chlorotoluene	1.4	Not Detected	7.2	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.3	Not Detected
1,2,4-Trichlorobenzene	5.5	0.82 J	41	6.1 J
Hexachlorobutadiene	5.5	Not Detected	59	Not Detected
Butane	5.5	Not Detected	13	Not Detected
Isopentane	5.5	0.91 J	16	2.7 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: VMP-24-34-050613

Lab ID#: 1305155A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051013**	**Date of Collection: 5/6/13 2:22:00 PM**	
Dil. Factor:	**3.20**	**Date of Analysis: 5/10/13 07:50 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.46 J	7.9	2.3 J
Freon 114	1.6	Not Detected	11	Not Detected
Chloromethane	16	Not Detected	33	Not Detected
Vinyl Chloride	1.6	Not Detected	4.1	Not Detected
1,3-Butadiene	1.6	Not Detected	3.5	Not Detected
Bromomethane	16	Not Detected	62	Not Detected
Chloroethane	6.4	Not Detected	17	Not Detected
Freon 11	1.6	0.26 J	9.0	1.4 J
Ethanol	6.4	Not Detected	12	Not Detected
Freon 113	1.6	Not Detected	12	Not Detected
1,1-Dichloroethene	1.6	Not Detected	6.3	Not Detected
Acetone	16	Not Detected	38	Not Detected
2-Propanol	6.4	Not Detected	16	Not Detected
Carbon Disulfide	6.4	~~1.7 J~~ U	20	~~5.2 J~~ U
3-Chloropropene	6.4	Not Detected	20	Not Detected
Methylene Chloride	16	Not Detected	56	Not Detected
Methyl tert-butyl ether	1.6	Not Detected	5.8	Not Detected
trans-1,2-Dichloroethene	1.6	Not Detected	6.3	Not Detected
Hexane	1.6	1.6	5.6	5.6
1,1-Dichloroethane	1.6	Not Detected	6.5	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.4	Not Detected	19	Not Detected
cis-1,2-Dichloroethene	1.6	Not Detected	6.3	Not Detected
Tetrahydrofuran	1.6	Not Detected	4.7	Not Detected
Chloroform	1.6	Not Detected	7.8	Not Detected
1,1,1-Trichloroethane	1.6	Not Detected	8.7	Not Detected
Cyclohexane	1.6	2.2	5.5	7.5
Carbon Tetrachloride	1.6	Not Detected	10	Not Detected
2,2,4-Trimethylpentane	1.6	0.78 J	7.5	3.6 J
Benzene	1.6	18	5.1	56
1,2-Dichloroethane	1.6	Not Detected	6.5	Not Detected
Heptane	1.6	1.4 J	6.6	5.8 J
Trichloroethene	1.6	Not Detected	8.6	Not Detected
1,2-Dichloropropane	1.6	Not Detected	7.4	Not Detected
1,4-Dioxane	6.4	Not Detected	23	Not Detected
Bromodichloromethane	1.6	Not Detected	11	Not Detected
cis-1,3-Dichloropropene	1.6	Not Detected	7.3	Not Detected
4-Methyl-2-pentanone	1.6	Not Detected	6.6	Not Detected
Toluene	1.6	9.1	6.0	34
trans-1,3-Dichloropropene	1.6	~~0.49 J~~ U	7.3	~~2.2 J~~ U
1,1,2-Trichloroethane	1.6	Not Detected	8.7	Not Detected
Tetrachloroethene	1.6	~~0.27 J~~ U	11	~~1.8 J~~ U
2-Hexanone	6.4	Not Detected	26	Not Detected

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Client Sample ID: VMP-24-34-050613

Lab ID#: 1305155A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051013**	**Date of Collection: 5/6/13 2:22:00 PM**	
Dil. Factor:	**3.20**	**Date of Analysis: 5/10/13 07:50 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.6	Not Detected	14	Not Detected
1,2-Dibromoethane (EDB)	1.6	~~0.36 J~~ U	12	~~2.7 J~~ U
Chlorobenzene	1.6	Not Detected	7.4	Not Detected
Ethyl Benzene	1.6	Not Detected	6.9	Not Detected
m,p-Xylene	1.6	0.90 J	6.9	3.9 J
o-Xylene	1.6	Not Detected	6.9	Not Detected
Styrene	1.6	Not Detected	6.8	Not Detected
Bromoform	1.6	Not Detected	16	Not Detected
Cumene	1.6	Not Detected	7.9	Not Detected
1,1,2,2-Tetrachloroethane	1.6	Not Detected	11	Not Detected
Propylbenzene	1.6	Not Detected	7.9	Not Detected
4-Ethyltoluene	1.6	Not Detected	7.9	Not Detected
1,3,5-Trimethylbenzene	1.6	Not Detected	7.9	Not Detected
1,2,4-Trimethylbenzene	1.6	Not Detected	7.9	Not Detected
1,3-Dichlorobenzene	1.6	~~0.34 J~~ U	9.6	~~2.0 J~~ U
1,4-Dichlorobenzene	1.6	~~0.45 J~~ U	9.6	~~2.7 J~~ U
alpha-Chlorotoluene	1.6	~~0.32 J~~ U	8.3	~~1.6 J~~ U
1,2-Dichlorobenzene	1.6	~~0.33 J~~ U	9.6	~~2.0 J~~ U
1,2,4-Trichlorobenzene	6.4	~~0.88 J~~ U	47	~~6.5 J~~ U
Hexachlorobutadiene	6.4	Not Detected	68	Not Detected
Butane	6.4	Not Detected	15	Not Detected
Isopentane	6.4	2.3 J	19	6.8 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VMP-29-10-050613

Lab ID#: 1305155A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051014**	**Date of Collection:**	**5/6/13 9:57:00 AM**
Dil. Factor:	**2.73**	**Date of Analysis:**	**5/10/13 08:14 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.48 J	6.8	2.4 J
Freon 114	1.4	Not Detected	9.5	Not Detected
Chloromethane	14	Not Detected	28	Not Detected
Vinyl Chloride	1.4	Not Detected	3.5	Not Detected
1,3-Butadiene	1.4	Not Detected	3.0	Not Detected
Bromomethane	14	Not Detected	53	Not Detected
Chloroethane	5.5	Not Detected	14	Not Detected
Freon 11	1.4	0.20 J	7.7	1.1 J
Ethanol	5.5	4.9 J	10	9.3 J
Freon 113	1.4	Not Detected	10	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Acetone	14	90	32	210
2-Propanol	5.5	8.7	13	21
Carbon Disulfide	5.5	8.6	17	27
3-Chloropropene	5.5	Not Detected	17	Not Detected
Methylene Chloride	14	Not Detected	47	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Hexane	1.4	0.49 J	4.8	1.7 J
1,1-Dichloroethane	1.4	Not Detected	5.5	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.5	240	16	710
cis-1,2-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Tetrahydrofuran	1.4	200	4.0	600
Chloroform	1.4	Not Detected	6.7	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.4	Not Detected
Cyclohexane	1.4	0.69 J	4.7	2.4 J
Carbon Tetrachloride	1.4	Not Detected	8.6	Not Detected
2,2,4-Trimethylpentane	1.4	2.8	6.4	13
Benzene	1.4	7.2	4.4	23
1,2-Dichloroethane	1.4	Not Detected	5.5	Not Detected
Heptane	1.4	Not Detected	5.6	Not Detected
Trichloroethene	1.4	Not Detected	7.3	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.3	Not Detected
1,4-Dioxane	5.5	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.1	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.2	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.6	Not Detected
Toluene	1.4	~~0.49 J~~	5.1	~~1.8 J~~
trans-1,3-Dichloropropene	1.4	Not Detected	6.2	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.4	Not Detected
Tetrachloroethene	1.4	~~0.16 J~~	9.2	~~1.1 J~~
2-Hexanone	5.5	Not Detected	22	Not Detected

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Client Sample ID: VMP-29-10-050613

Lab ID#: 1305155A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051014**	**Date of Collection:**	**5/6/13 9:57:00 AM**
Dil. Factor:	**2.73**	**Date of Analysis:**	**5/10/13 08:14 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	10	Not Detected
Chlorobenzene	1.4	~~0.18 J~~	6.3	~~0.82 J~~
Ethyl Benzene	1.4	Not Detected	5.9	Not Detected
m,p-Xylene	1.4	Not Detected	5.9	Not Detected
o-Xylene	1.4	Not Detected	5.9	Not Detected
Styrene	1.4	Not Detected	5.8	Not Detected
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	Not Detected	6.7	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.4	Not Detected
Propylbenzene	1.4	Not Detected	6.7	Not Detected
4-Ethyltoluene	1.4	~~0.17 J~~	6.7	~~0.83 J~~
1,3,5-Trimethylbenzene	1.4	Not Detected	6.7	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	6.7	Not Detected
1,3-Dichlorobenzene	1.4	~~0.29 J~~	8.2	~~1.7 J~~
1,4-Dichlorobenzene	1.4	~~0.46 J~~	8.2	~~2.8 J~~
alpha-Chlorotoluene	1.4	~~0.24 J~~	7.1	~~1.2 J~~
1,2-Dichlorobenzene	1.4	Not Detected	8.2	Not Detected
1,2,4-Trichlorobenzene	5.5	~~0.63 J~~	40	~~4.6 J~~
Hexachlorobutadiene	5.5	Not Detected	58	Not Detected
Butane	5.5	4.4 J	13	10 J
Isopentane	5.5	16	16	48

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: VMP-29-20-050613

Lab ID#: 1305155A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051015**	**Date of Collection:**	**5/6/13 10:55:00 AM**
Dil. Factor:	**11.1**	**Date of Analysis:**	**5/10/13 09:34 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	5.6	Not Detected	27	Not Detected
Freon 114	5.6	Not Detected	39	Not Detected
Chloromethane	56	Not Detected	110	Not Detected
Vinyl Chloride	5.6	Not Detected	14	Not Detected
1,3-Butadiene	5.6	Not Detected	12	Not Detected
Bromomethane	56	Not Detected	220	Not Detected
Chloroethane	22	Not Detected	58	Not Detected
Freon 11	5.6	Not Detected	31	Not Detected
Ethanol	22	Not Detected	42	Not Detected
Freon 113	5.6	Not Detected	42	Not Detected
1,1-Dichloroethene	5.6	Not Detected	22	Not Detected
Acetone	56	610	130	1400
2-Propanol	22	Not Detected	54	Not Detected
Carbon Disulfide	22	26	69	82
3-Chloropropene	22	Not Detected	69	Not Detected
Methylene Chloride	56	Not Detected	190	Not Detected
Methyl tert-butyl ether	5.6	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	5.6	Not Detected	22	Not Detected
Hexane	5.6	Not Detected	20	Not Detected
1,1-Dichloroethane	5.6	Not Detected	22	Not Detected
2-Butanone (Methyl Ethyl Ketone)	22	1800	65	5500
cis-1,2-Dichloroethene	5.6	Not Detected	22	Not Detected
Tetrahydrofuran	5.6	780	16	2300
Chloroform	5.6	Not Detected	27	Not Detected
1,1,1-Trichloroethane	5.6	Not Detected	30	Not Detected
Cyclohexane	5.6	Not Detected	19	Not Detected
Carbon Tetrachloride	5.6	Not Detected	35	Not Detected
2,2,4-Trimethylpentane	5.6	Not Detected	26	Not Detected
Benzene	5.6	38	18	120
1,2-Dichloroethane	5.6	Not Detected	22	Not Detected
Heptane	5.6	Not Detected	23	Not Detected
Trichloroethene	5.6	Not Detected	30	Not Detected
1,2-Dichloropropane	5.6	Not Detected	26	Not Detected
1,4-Dioxane	22	Not Detected	80	Not Detected
Bromodichloromethane	5.6	Not Detected	37	Not Detected
cis-1,3-Dichloropropene	5.6	Not Detected	25	Not Detected
4-Methyl-2-pentanone	5.6	Not Detected	23	Not Detected
Toluene	5.6	0.48 J	21	1.8 J
trans-1,3-Dichloropropene	5.6	Not Detected	25	Not Detected
1,1,2-Trichloroethane	5.6	Not Detected	30	Not Detected
Tetrachloroethene	5.6	Not Detected	38	Not Detected
2-Hexanone	22	Not Detected	91	Not Detected

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Client Sample ID: VMP-29-20-050613

Lab ID#: 1305155A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051015**	**Date of Collection: 5/6/13 10:55:00 AM**	
Dil. Factor:	**11.1**	**Date of Analysis: 5/10/13 09:34 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	5.6	Not Detected	47	Not Detected
1,2-Dibromoethane (EDB)	5.6	Not Detected	43	Not Detected
Chlorobenzene	5.6	Not Detected	26	Not Detected
Ethyl Benzene	5.6	Not Detected	24	Not Detected
m,p-Xylene	5.6	Not Detected	24	Not Detected
o-Xylene	5.6	Not Detected	24	Not Detected
Styrene	5.6	Not Detected	24	Not Detected
Bromoform	5.6	Not Detected	57	Not Detected
Cumene	5.6	Not Detected	27	Not Detected
1,1,2,2-Tetrachloroethane	5.6	Not Detected	38	Not Detected
Propylbenzene	5.6	Not Detected	27	Not Detected
4-Ethyltoluene	5.6	Not Detected	27	Not Detected
1,3,5-Trimethylbenzene	5.6	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.6	Not Detected	27	Not Detected
1,3-Dichlorobenzene	5.6	Not Detected	33	Not Detected
1,4-Dichlorobenzene	5.6	Not Detected	33	Not Detected
alpha-Chlorotoluene	5.6	Not Detected	29	Not Detected
1,2-Dichlorobenzene	5.6	Not Detected	33	Not Detected
1,2,4-Trichlorobenzene	22	Not Detected	160	Not Detected
Hexachlorobutadiene	22	Not Detected	240	Not Detected
Butane	22	Not Detected	53	Not Detected
Isopentane	22	Not Detected	66	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: VMP-29-30-050613

Lab ID#: 1305155A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051016**	**Date of Collection:**	**5/6/13 12:00:00 PM**
Dil. Factor:	**9.63**	**Date of Analysis:**	**5/10/13 10:14 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	4.8	Not Detected	24	Not Detected
Freon 114	4.8	Not Detected	34	Not Detected
Chloromethane	48	Not Detected	99	Not Detected
Vinyl Chloride	4.8	Not Detected	12	Not Detected
1,3-Butadiene	4.8	Not Detected	11	Not Detected
Bromomethane	48	Not Detected	190	Not Detected
Chloroethane	19	Not Detected	51	Not Detected
Freon 11	4.8	Not Detected	27	Not Detected
Ethanol	19	Not Detected	36	Not Detected
Freon 113	4.8	Not Detected	37	Not Detected
1,1-Dichloroethene	4.8	Not Detected	19	Not Detected
Acetone	48	530	110	1200
2-Propanol	19	Not Detected	47	Not Detected
Carbon Disulfide	19	28	60	88
3-Chloropropene	19	Not Detected	60	Not Detected
Methylene Chloride	48	Not Detected	170	Not Detected
Methyl tert-butyl ether	4.8	Not Detected	17	Not Detected
trans-1,2-Dichloroethene	4.8	Not Detected	19	Not Detected
Hexane	4.8	Not Detected	17	Not Detected
1,1-Dichloroethane	4.8	Not Detected	19	Not Detected
2-Butanone (Methyl Ethyl Ketone)	19	1500	57	4300
cis-1,2-Dichloroethene	4.8	Not Detected	19	Not Detected
Tetrahydrofuran	4.8	680	14	2000
Chloroform	4.8	1.0 J	24	5.2 J
1,1,1-Trichloroethane	4.8	Not Detected	26	Not Detected
Cyclohexane	4.8	Not Detected	16	Not Detected
Carbon Tetrachloride	4.8	Not Detected	30	Not Detected
2,2,4-Trimethylpentane	4.8	1.3 J	22	6.1 J
Benzene	4.8	52	15	160
1,2-Dichloroethane	4.8	Not Detected	19	Not Detected
Heptane	4.8	Not Detected	20	Not Detected
Trichloroethene	4.8	Not Detected	26	Not Detected
1,2-Dichloropropane	4.8	Not Detected	22	Not Detected
1,4-Dioxane	19	Not Detected	69	Not Detected
Bromodichloromethane	4.8	Not Detected	32	Not Detected
cis-1,3-Dichloropropene	4.8	Not Detected	22	Not Detected
4-Methyl-2-pentanone	4.8	Not Detected	20	Not Detected
Toluene	4.8	0.91 J	18	3.4 J
trans-1,3-Dichloropropene	4.8	Not Detected	22	Not Detected
1,1,2-Trichloroethane	4.8	Not Detected	26	Not Detected
Tetrachloroethene	4.8	Not Detected	33	Not Detected
2-Hexanone	19	Not Detected	79	Not Detected

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Client Sample ID: VMP-29-30-050613

Lab ID#: 1305155A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051016**	**Date of Collection: 5/6/13 12:00:00 PM**	
Dil. Factor:	**9.63**	**Date of Analysis: 5/10/13 10:14 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	4.8	Not Detected	41	Not Detected
1,2-Dibromoethane (EDB)	4.8	Not Detected	37	Not Detected
Chlorobenzene	4.8	Not Detected	22	Not Detected
Ethyl Benzene	4.8	Not Detected	21	Not Detected
m,p-Xylene	4.8	Not Detected	21	Not Detected
o-Xylene	4.8	Not Detected	21	Not Detected
Styrene	4.8	Not Detected	20	Not Detected
Bromoform	4.8	Not Detected	50	Not Detected
Cumene	4.8	Not Detected	24	Not Detected
1,1,2,2-Tetrachloroethane	4.8	Not Detected	33	Not Detected
Propylbenzene	4.8	Not Detected	24	Not Detected
4-Ethyltoluene	4.8	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	4.8	Not Detected	24	Not Detected
1,2,4-Trimethylbenzene	4.8	Not Detected	24	Not Detected
1,3-Dichlorobenzene	4.8	Not Detected	29	Not Detected
1,4-Dichlorobenzene	4.8	Not Detected	29	Not Detected
alpha-Chlorotoluene	4.8	Not Detected	25	Not Detected
1,2-Dichlorobenzene	4.8	Not Detected	29	Not Detected
1,2,4-Trichlorobenzene	19	Not Detected	140	Not Detected
Hexachlorobutadiene	19	Not Detected	200	Not Detected
Butane	19	Not Detected	46	Not Detected
Isopentane	19	6.4 J	57	19 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	101	70-130

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*Use these results only. All other data was reported from the 2.85 x dilution analysis

Client Sample ID: VMP-30-10-050613

Lab ID#: 1305155A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051019**	**Date of Collection: 5/6/13 2:39:00 PM**	
Dil. Factor:	**9.50**	**Date of Analysis: 5/11/13 12:08 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	4.8	Not Detected	23	Not Detected
Freon 114	4.8	Not Detected	33	Not Detected
Chloromethane	48	Not Detected	98	Not Detected
Vinyl Chloride	4.8	Not Detected	12	Not Detected
1,3-Butadiene	4.8	Not Detected	10	Not Detected
Bromomethane	48	Not Detected	180	Not Detected
Chloroethane	19	Not Detected	50	Not Detected
Freon 11	4.8	Not Detected	27	Not Detected
Ethanol	19	Not Detected	36	Not Detected
Freon 113	4.8	Not Detected	36	Not Detected
1,1-Dichloroethene	4.8	Not Detected	19	Not Detected
Acetone	48	420	110	1000
2-Propanol	19	11 J	47	26 J
Carbon Disulfide	19	12 J	59	36 J
3-Chloropropene	19	Not Detected	59	Not Detected
Methylene Chloride	48	Not Detected	160	Not Detected
Methyl tert-butyl ether	4.8	Not Detected	17	Not Detected
trans-1,2-Dichloroethene	4.8	Not Detected	19	Not Detected
Hexane	4.8	Not Detected	17	Not Detected
1,1-Dichloroethane	4.8	Not Detected	19	Not Detected
* 2-Butanone (Methyl Ethyl Ketone)	19	1100	56	3200
cis-1,2-Dichloroethene	4.8	Not Detected	19	Not Detected
* Tetrahydrofuran	4.8	690	14	2000
Chloroform	4.8	Not Detected	23	Not Detected
1,1,1-Trichloroethane	4.8	Not Detected	26	Not Detected
Cyclohexane	4.8	Not Detected	16	Not Detected
Carbon Tetrachloride	4.8	Not Detected	30	Not Detected
2,2,4-Trimethylpentane	4.8	2.6 J	22	12 J
Benzene	4.8	18	15	58
1,2-Dichloroethane	4.8	Not Detected	19	Not Detected
Heptane	4.8	Not Detected	19	Not Detected
Trichloroethene	4.8	Not Detected	26	Not Detected
1,2-Dichloropropane	4.8	Not Detected	22	Not Detected
1,4-Dioxane	19	Not Detected	68	Not Detected
Bromodichloromethane	4.8	Not Detected	32	Not Detected
cis-1,3-Dichloropropene	4.8	Not Detected	22	Not Detected
4-Methyl-2-pentanone	4.8	Not Detected	19	Not Detected
Toluene	4.8	0.43 J	18	1.6 J
trans-1,3-Dichloropropene	4.8	Not Detected	22	Not Detected
1,1,2-Trichloroethane	4.8	Not Detected	26	Not Detected
Tetrachloroethene	4.8	Not Detected	32	Not Detected
2-Hexanone	19	Not Detected	78	Not Detected

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Client Sample ID: VMP-30-10-050613

Lab ID#: 1305155A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p051019	**Date of Collection:**	5/6/13 2:39:00 PM
Dil. Factor:	9.50	**Date of Analysis:**	5/11/13 12:08 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	4.8	Not Detected	40	Not Detected
1,2-Dibromoethane (EDB)	4.8	Not Detected	36	Not Detected
Chlorobenzene	4.8	Not Detected	22	Not Detected
Ethyl Benzene	4.8	Not Detected	21	Not Detected
m,p-Xylene	4.8	Not Detected	21	Not Detected
o-Xylene	4.8	Not Detected	21	Not Detected
Styrene	4.8	Not Detected	20	Not Detected
Bromoform	4.8	Not Detected	49	Not Detected
Cumene	4.8	Not Detected	23	Not Detected
1,1,2,2-Tetrachloroethane	4.8	Not Detected	33	Not Detected
Propylbenzene	4.8	Not Detected	23	Not Detected
4-Ethyltoluene	4.8	Not Detected	23	Not Detected
1,3,5-Trimethylbenzene	4.8	Not Detected	23	Not Detected
1,2,4-Trimethylbenzene	4.8	Not Detected	23	Not Detected
1,3-Dichlorobenzene	4.8	Not Detected	28	Not Detected
1,4-Dichlorobenzene	4.8	Not Detected	28	Not Detected
alpha-Chlorotoluene	4.8	Not Detected	24	Not Detected
1,2-Dichlorobenzene	4.8	Not Detected	28	Not Detected
1,2,4-Trichlorobenzene	19	Not Detected	140	Not Detected
Hexachlorobutadiene	19	Not Detected	200	Not Detected
Butane	19	Not Detected	45	Not Detected
Isopentane	19	12 J	56	34 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: VMP-30-10-050613

Lab ID#: 1305155A-09B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051017**	**Date of Collection: 5/6/13 2:39:00 PM**	
Dil. Factor:	**2.85**	**Date of Analysis: 5/10/13 11:02 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.50 J	7.0	2.5 J
Freon 114	1.4	Not Detected	10	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.2	Not Detected
Bromomethane	14	Not Detected	55	Not Detected
Chloroethane	5.7	Not Detected	15	Not Detected
Freon 11	1.4	0.28 J	8.0	1.5 J
Ethanol	5.7	~~2.3 J~~ U	11	~~4.3 J~~ U
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Acetone	14	460	34	1100
2-Propanol	5.7	12	14	28
Carbon Disulfide	5.7	10	18	33
3-Chloropropene	5.7	Not Detected	18	Not Detected
Methylene Chloride	14	Not Detected	50	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.1	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Hexane	1.4	Not Detected	5.0	Not Detected
1,1-Dichloroethane	1.4	Not Detected	5.8	Not Detected
* ~~2-Butanone (Methyl Ethyl Ketone)~~	~~5.7~~	~~1200 E~~	~~17~~	~~3600 E~~
cis-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
* ~~Tetrahydrofuran~~	~~1.4~~	~~740 E~~	~~4.2~~	~~2200 E~~
Chloroform	1.4	Not Detected	7.0	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Cyclohexane	1.4	1.1 J	4.9	3.7 J
Carbon Tetrachloride	1.4	Not Detected	9.0	Not Detected
2,2,4-Trimethylpentane	1.4	3.3	6.6	16
Benzene	1.4	18	4.6	57
1,2-Dichloroethane	1.4	Not Detected	5.8	Not Detected
Heptane	1.4	Not Detected	5.8	Not Detected
Trichloroethene	1.4	Not Detected	7.6	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.6	Not Detected
1,4-Dioxane	5.7	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.5	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
4-Methyl-2-pentanone	1.4	0.55 J	5.8	2.2 J
Toluene	1.4	~~0.33 J~~ U	5.4	~~1.2 J~~ U
trans-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Tetrachloroethene	1.4	~~0.31 J~~ U	9.7	~~2.1 J~~ U
2-Hexanone	5.7	Not Detected	23	Not Detected

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Client Sample ID: VMP-30-10-050613

Lab ID#: 1305155A-09B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051017**	**Date of Collection: 5/6/13 2:39:00 PM**	
Dil. Factor:	**2.85**	**Date of Analysis: 5/10/13 11:02 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	0.33 J	11	2.5 J
Chlorobenzene	1.4	Not Detected	6.6	Not Detected
Ethyl Benzene	1.4	Not Detected	6.2	Not Detected
m,p-Xylene	1.4	0.40 J	6.2	1.8 J
o-Xylene	1.4	Not Detected	6.2	Not Detected
Styrene	1.4	Not Detected	6.1	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	0.16 J	7.0	0.81 J
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.8	Not Detected
Propylbenzene	1.4	Not Detected	7.0	Not Detected
4-Ethyltoluene	1.4	Not Detected	7.0	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,3-Dichlorobenzene	1.4	0.25 J	8.6	1.5 J
1,4-Dichlorobenzene	1.4	0.36 J	8.6	2.2 J
alpha-Chlorotoluene	1.4	0.26 J	7.4	1.3 J
1,2-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,2,4-Trichlorobenzene	5.7	0.63 J	42	4.7 J
Hexachlorobutadiene	5.7	Not Detected	61	Not Detected
Butane	5.7	2.0 J	14	4.8 J
Isopentane	5.7	11	17	32

J = Estimated value.
E = Exceeds instrument calibration range.
Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	104	70-130

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Client Sample ID: VMP-30-20-050613

Lab ID#: 1305155A-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051315**	**Date of Collection: 5/6/13 3:29:00 PM**	
Dil. Factor:	**27.8**	**Date of Analysis: 5/13/13 07:24 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	14	Not Detected	69	Not Detected
Freon 114	14	Not Detected	97	Not Detected
Chloromethane	140	Not Detected	290	Not Detected
Vinyl Chloride	14	Not Detected	36	Not Detected
1,3-Butadiene	14	Not Detected	31	Not Detected
Bromomethane	140	Not Detected	540	Not Detected
Chloroethane	56	Not Detected	150	Not Detected
Freon 11	14	Not Detected	78	Not Detected
Ethanol	56	Not Detected	100	Not Detected
Freon 113	14	Not Detected	110	Not Detected
1,1-Dichloroethene	14	Not Detected	55	Not Detected
Acetone	140	1600	330	3900
2-Propanol	56	96	140	240
Carbon Disulfide	56	40 J	170	120 J
3-Chloropropene	56	Not Detected	170	Not Detected
Methylene Chloride	140	Not Detected	480	Not Detected
Methyl tert-butyl ether	14	Not Detected	50	Not Detected
trans-1,2-Dichloroethene	14	Not Detected	55	Not Detected
Hexane	14	Not Detected	49	Not Detected
1,1-Dichloroethane	14	Not Detected	56	Not Detected
2-Butanone (Methyl Ethyl Ketone)	56	4400	160	13000
cis-1,2-Dichloroethene	14	Not Detected	55	Not Detected
Tetrahydrofuran	14	2000	41	5800
Chloroform	14	Not Detected	68	Not Detected
1,1,1-Trichloroethane	14	Not Detected	76	Not Detected
Cyclohexane	14	Not Detected	48	Not Detected
Carbon Tetrachloride	14	Not Detected	87	Not Detected
2,2,4-Trimethylpentane	14	Not Detected	65	Not Detected
Benzene	14	120	44	390
1,2-Dichloroethane	14	Not Detected	56	Not Detected
Heptane	14	Not Detected	57	Not Detected
Trichloroethene	14	Not Detected	75	Not Detected
1,2-Dichloropropane	14	Not Detected	64	Not Detected
1,4-Dioxane	56	Not Detected	200	Not Detected
Bromodichloromethane	14	Not Detected	93	Not Detected
cis-1,3-Dichloropropene	14	Not Detected	63	Not Detected
4-Methyl-2-pentanone	14	Not Detected	57	Not Detected
Toluene	14	Not Detected	52	Not Detected
trans-1,3-Dichloropropene	14	Not Detected	63	Not Detected
1,1,2-Trichloroethane	14	Not Detected	76	Not Detected
Tetrachloroethene	14	Not Detected	94	Not Detected
2-Hexanone	56	Not Detected	230	Not Detected

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Client Sample ID: VMP-30-20-050613

Lab ID#: 1305155A-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051315**	**Date of Collection: 5/6/13 3:29:00 PM**	
Dil. Factor:	**27.8**	**Date of Analysis: 5/13/13 07:24 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	14	Not Detected	120	Not Detected
1,2-Dibromoethane (EDB)	14	Not Detected	110	Not Detected
Chlorobenzene	14	Not Detected	64	Not Detected
Ethyl Benzene	14	Not Detected	60	Not Detected
m,p-Xylene	14	Not Detected	60	Not Detected
o-Xylene	14	Not Detected	60	Not Detected
Styrene	14	Not Detected	59	Not Detected
Bromoform	14	Not Detected	140	Not Detected
Cumene	14	Not Detected	68	Not Detected
1,1,2,2-Tetrachloroethane	14	Not Detected	95	Not Detected
Propylbenzene	14	Not Detected	68	Not Detected
4-Ethyltoluene	14	Not Detected	68	Not Detected
1,3,5-Trimethylbenzene	14	Not Detected	68	Not Detected
1,2,4-Trimethylbenzene	14	Not Detected	68	Not Detected
1,3-Dichlorobenzene	14	Not Detected	84	Not Detected
1,4-Dichlorobenzene	14	Not Detected	84	Not Detected
alpha-Chlorotoluene	14	Not Detected	72	Not Detected
1,2-Dichlorobenzene	14	Not Detected	84	Not Detected
1,2,4-Trichlorobenzene	56	Not Detected	410	Not Detected
Hexachlorobutadiene	56	Not Detected	590	Not Detected
Butane	56	Not Detected	130	Not Detected
Isopentane	56	Not Detected	160	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	104	70-130

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Client Sample ID: VMP-30-30-050613

Lab ID#: I305155A-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051314**	**Date of Collection: 5/6/13 4:15:00 PM**	
Dil. Factor:	**15.8**	**Date of Analysis: 5/13/13 06:45 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	7.9	Not Detected	39	Not Detected
Freon 114	7.9	Not Detected	55	Not Detected
Chloromethane	79	Not Detected	160	Not Detected
Vinyl Chloride	7.9	Not Detected	20	Not Detected
1,3-Butadiene	7.9	Not Detected	17	Not Detected
Bromomethane	79	Not Detected	310	Not Detected
Chloroethane	32	Not Detected	83	Not Detected
Freon 11	7.9	Not Detected	44	Not Detected
Ethanol	32	Not Detected	60	Not Detected
Freon 113	7.9	Not Detected	60	Not Detected
1,1-Dichloroethene	7.9	Not Detected	31	Not Detected
Acetone	79	1300	190	3100
2-Propanol	32	Not Detected	78	Not Detected
Carbon Disulfide	32	44	98	140
3-Chloropropene	32	Not Detected	99	Not Detected
Methylene Chloride	79	Not Detected	270	Not Detected
Methyl tert-butyl ether	7.9	Not Detected	28	Not Detected
trans-1,2-Dichloroethene	7.9	Not Detected	31	Not Detected
Hexane	7.9	Not Detected	28	Not Detected
1,1-Dichloroethane	7.9	Not Detected	32	Not Detected
2-Butanone (Methyl Ethyl Ketone)	32	3100	93	9200
cis-1,2-Dichloroethene	7.9	Not Detected	31	Not Detected
Tetrahydrofuran	7.9	1300	23	3800
Chloroform	7.9	Not Detected	38	Not Detected
1,1,1-Trichloroethane	7.9	Not Detected	43	Not Detected
Cyclohexane	7.9	Not Detected	27	Not Detected
Carbon Tetrachloride	7.9	Not Detected	50	Not Detected
2,2,4-Trimethylpentane	7.9	Not Detected	37	Not Detected
Benzene	7.9	380	25	1200
1,2-Dichloroethane	7.9	Not Detected	32	Not Detected
Heptane	7.9	Not Detected	32	Not Detected
Trichloroethene	7.9	Not Detected	42	Not Detected
1,2-Dichloropropane	7.9	Not Detected	36	Not Detected
1,4-Dioxane	32	Not Detected	110	Not Detected
Bromodichloromethane	7.9	Not Detected	53	Not Detected
cis-1,3-Dichloropropene	7.9	Not Detected	36	Not Detected
4-Methyl-2-pentanone	7.9	Not Detected	32	Not Detected
Toluene	7.9	Not Detected	30	Not Detected
trans-1,3-Dichloropropene	7.9	Not Detected	36	Not Detected
1,1,2-Trichloroethane	7.9	Not Detected	43	Not Detected
Tetrachloroethene	7.9	Not Detected	54	Not Detected
2-Hexanone	32	Not Detected	130	Not Detected

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Client Sample ID: VMP-30-30-050613

Lab ID#: 1305155A-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051314**	**Date of Collection: 5/6/13 4:15:00 PM**	
Dil. Factor:	**15.8**	**Date of Analysis: 5/13/13 06:45 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	7.9	Not Detected	67	Not Detected
1,2-Dibromoethane (EDB)	7.9	Not Detected	61	Not Detected
Chlorobenzene	7.9	Not Detected	36	Not Detected
Ethyl Benzene	7.9	Not Detected	34	Not Detected
m,p-Xylene	7.9	Not Detected	34	Not Detected
o-Xylene	7.9	Not Detected	34	Not Detected
Styrene	7.9	Not Detected	34	Not Detected
Bromoform	7.9	Not Detected	82	Not Detected
Cumene	7.9	Not Detected	39	Not Detected
1,1,2,2-Tetrachloroethane	7.9	Not Detected	54	Not Detected
Propylbenzene	7.9	Not Detected	39	Not Detected
4-Ethyltoluene	7.9	Not Detected	39	Not Detected
1,3,5-Trimethylbenzene	7.9	Not Detected	39	Not Detected
1,2,4-Trimethylbenzene	7.9	Not Detected	39	Not Detected
1,3-Dichlorobenzene	7.9	Not Detected	48	Not Detected
1,4-Dichlorobenzene	7.9	Not Detected	48	Not Detected
alpha-Chlorotoluene	7.9	Not Detected	41	Not Detected
1,2-Dichlorobenzene	7.9	Not Detected	47	Not Detected
1,2,4-Trichlorobenzene	32	Not Detected	230	Not Detected
Hexachlorobutadiene	32	Not Detected	340	Not Detected
Butane	32	Not Detected	75	Not Detected
Isopentane	32	Not Detected	93	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VMP-32-5-050713

Lab ID#: 1305155A-12A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p051020	**Date of Collection:**	5/7/13 9:32:00 AM
Dil. Factor:	2.72	**Date of Analysis:**	5/11/13 12:45 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.55 J	6.7	2.7 J
Freon 114	1.4	Not Detected	9.5	Not Detected
Chloromethane	14	Not Detected	28	Not Detected
Vinyl Chloride	1.4	Not Detected	3.5	Not Detected
1,3-Butadiene	1.4	Not Detected	3.0	Not Detected
Bromomethane	14	Not Detected	53	Not Detected
Chloroethane	5.4	Not Detected	14	Not Detected
Freon 11	1.4	0.30 J	7.6	1.7 J
Ethanol	5.4	Not Detected	10	Not Detected
Freon 113	1.4	Not Detected	10	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Acetone	14	7.5 J	32	18 J
2-Propanol	5.4	2.0 J	13	4.9 J
Carbon Disulfide	5.4	~~1.2 J~~ U	17	~~3.7 J~~ U
3-Chloropropene	5.4	Not Detected	17	Not Detected
Methylene Chloride	14	Not Detected	47	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Hexane	1.4	0.38 J	4.8	1.3 J
1,1-Dichloroethane	1.4	Not Detected	5.5	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.4	4.4 J	16	13 J
cis-1,2-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Tetrahydrofuran	1.4	0.99 J	4.0	2.9 J
Chloroform	1.4	Not Detected	6.6	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.4	Not Detected
Cyclohexane	1.4	Not Detected	4.7	Not Detected
Carbon Tetrachloride	1.4	Not Detected	8.6	Not Detected
2,2,4-Trimethylpentane	1.4	0.42 J	6.4	2.0 J
Benzene	1.4	2.8	4.3	9.0
1,2-Dichloroethane	1.4	Not Detected	5.5	Not Detected
Heptane	1.4	Not Detected	5.6	Not Detected
Trichloroethene	1.4	Not Detected	7.3	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.3	Not Detected
1,4-Dioxane	5.4	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.1	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.2	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.6	Not Detected
Toluene	1.4	~~0.26 J~~ U	5.1	~~1.0 J~~ U
trans-1,3-Dichloropropene	1.4	Not Detected	6.2	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.4	Not Detected
Tetrachloroethene	1.4	~~0.20 J~~ U	9.2	~~1.3 J~~ U
2-Hexanone	5.4	Not Detected	22	Not Detected

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Client Sample ID: VMP-32-5-050713

Lab ID#: 1305155A-12A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051020**	**Date of Collection: 5/7/13 9:32:00 AM**	
Dil. Factor:	**2.72**	**Date of Analysis: 5/11/13 12:45 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	10	Not Detected
Chlorobenzene	1.4	Not Detected	6.3	Not Detected
Ethyl Benzene	1.4	Not Detected	5.9	Not Detected
m,p-Xylene	1.4	Not Detected	5.9	Not Detected
o-Xylene	1.4	Not Detected	5.9	Not Detected
Styrene	1.4	Not Detected	5.8	Not Detected
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	Not Detected	6.7	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.3	Not Detected
Propylbenzene	1.4	Not Detected	6.7	Not Detected
4-Ethyltoluene	1.4	Not Detected	6.7	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	6.7	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	6.7	Not Detected
1,3-Dichlorobenzene	1.4	~~0.21 J~~	8.2	~~1.3 J~~
1,4-Dichlorobenzene	1.4	~~0.28 J~~	8.2	~~1.7 J~~
alpha-Chlorotoluene	1.4	Not Detected	7.0	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.2	Not Detected
1,2,4-Trichlorobenzene	5.4	~~0.53 J~~	40	~~3.9 J~~
Hexachlorobutadiene	5.4	Not Detected	58	Not Detected
Butane	5.4	Not Detected	13	Not Detected
Isopentane	5.4	0.77 J	16	2.3 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VMP-32-10-050713

Lab ID#: I305I55A-13A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p051307	**Date of Collection:**	5/7/13 10:20:00 AM
Dil. Factor:	2.82	**Date of Analysis:**	5/13/13 12:57 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.49 J	7.0	2.4 J
Freon 114	1.4	Not Detected	9.8	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.1	Not Detected
Bromomethane	14	Not Detected	55	Not Detected
Chloroethane	5.6	Not Detected	15	Not Detected
Freon 11	1.4	0.37 J	7.9	2.1 J
Ethanol	5.6	Not Detected	11	Not Detected
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Acetone	14	3.7 J	33	8.7 J
2-Propanol	5.6	1.8 J	14	4.5 J
Carbon Disulfide	5.6	~~1.3 J~~	18	~~4.1 J~~
3-Chloropropene	5.6	Not Detected	18	Not Detected
Methylene Chloride	14	0.40 J	49	1.4 J
Methyl tert-butyl ether	1.4	Not Detected	5.1	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Hexane	1.4	0.74 J	5.0	2.6 J
1,1-Dichloroethane	1.4	Not Detected	5.7	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.6	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
Chloroform	1.4	Not Detected	6.9	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Cyclohexane	1.4	1.1 J	4.8	3.7 J
Carbon Tetrachloride	1.4	Not Detected	8.9	Not Detected
2,2,4-Trimethylpentane	1.4	5.3	6.6	25
Benzene	1.4	0.62 J	4.5	2.0 J
1,2-Dichloroethane	1.4	Not Detected	5.7	Not Detected
Heptane	1.4	Not Detected	5.8	Not Detected
Trichloroethene	1.4	Not Detected	7.6	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.5	Not Detected
1,4-Dioxane	5.6	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.4	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.8	Not Detected
Toluene	1.4	~~0.30 J~~	5.3	~~1.1 J~~
trans-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Tetrachloroethene	1.4	0.18 J	9.6	1.2 J
2-Hexanone	5.6	Not Detected	23	Not Detected

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Client Sample ID: VMP-32-10-050713

Lab ID#: 1305155A-13A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051307**	**Date of Collection:**	**5/7/13 10:20:00 AM**
Dil. Factor:	**2.82**	**Date of Analysis:**	**5/13/13 12:57 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	0.36 J	11	2.8 J
Chlorobenzene	1.4	0.21 J	6.5	0.96 J
Ethyl Benzene	1.4	Not Detected	6.1	Not Detected
m,p-Xylene	1.4	Not Detected	6.1	Not Detected
o-Xylene	1.4	Not Detected	6.1	Not Detected
Styrene	1.4	Not Detected	6.0	Not Detected
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	Not Detected	6.9	Not Detected
1,1,2,2-Tetrachloroethane	1.4	0.22 J	9.7	1.5 J
Propylbenzene	1.4	0.17 J	6.9	0.82 J
4-Ethyltoluene	1.4	0.17 J	6.9	0.85 J
1,3,5-Trimethylbenzene	1.4	Not Detected	6.9	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	6.9	Not Detected
1,3-Dichlorobenzene	1.4	0.47 J	8.5	2.8 J
1,4-Dichlorobenzene	1.4	0.47 J	8.5	2.8 J
alpha-Chlorotoluene	1.4	0.27 J	7.3	1.4 J
1,2-Dichlorobenzene	1.4	0.32 J	8.5	1.9 J
1,2,4-Trichlorobenzene	5.6	1.4 J	42	10 J
Hexachlorobutadiene	5.6	Not Detected	60	Not Detected
Butane	5.6	2.2 J	13	5.2 J
Isopentane	5.6	11	17	32

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: VMP-32-20-050713

Lab ID#: 1305155A-14A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051308**	**Date of Collection: 5/7/13 11:05:00 AM**	
Dil. Factor:	**3.09**	**Date of Analysis: 5/13/13 01:55 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.48 J	7.6	2.4 J
Freon 114	1.5	Not Detected	11	Not Detected
Chloromethane	15	Not Detected	32	Not Detected
Vinyl Chloride	1.5	Not Detected	3.9	Not Detected
1,3-Butadiene	1.5	Not Detected	3.4	Not Detected
Bromomethane	15	Not Detected	60	Not Detected
Chloroethane	6.2	Not Detected	16	Not Detected
Freon 11	1.5	0.28 J	8.7	1.6 J
Ethanol	6.2	Not Detected	12	Not Detected
Freon 113	1.5	Not Detected	12	Not Detected
1,1-Dichloroethene	1.5	Not Detected	6.1	Not Detected
Acetone	15	3.6 J	37	8.7 J
2-Propanol	6.2	2.1 J	15	5.2 J
Carbon Disulfide	6.2	~~1.3 J~~	19	~~4.0 J~~
3-Chloropropene	6.2	Not Detected	19	Not Detected
Methylene Chloride	15	Not Detected	54	Not Detected
Methyl tert-butyl ether	1.5	Not Detected	5.6	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	6.1	Not Detected
Hexane	1.5	0.66 J	5.4	2.3 J
1,1-Dichloroethane	1.5	Not Detected	6.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.2	1.1 J	18	3.3 J
cis-1,2-Dichloroethene	1.5	Not Detected	6.1	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.6	Not Detected
Chloroform	1.5	0.37 J	7.5	1.8 J
1,1,1-Trichloroethane	1.5	Not Detected	8.4	Not Detected
Cyclohexane	1.5	Not Detected	5.3	Not Detected
Carbon Tetrachloride	1.5	Not Detected	9.7	Not Detected
2,2,4-Trimethylpentane	1.5	0.47 J	7.2	2.2 J
Benzene	1.5	2.1	4.9	6.8
1,2-Dichloroethane	1.5	Not Detected	6.2	Not Detected
Heptane	1.5	0.59 J	6.3	2.4 J
Trichloroethene	1.5	Not Detected	8.3	Not Detected
1,2-Dichloropropane	1.5	Not Detected	7.1	Not Detected
1,4-Dioxane	6.2	Not Detected	22	Not Detected
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	7.0	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.3	Not Detected
Toluene	1.5	0.50 J	5.8	1.9 J
trans-1,3-Dichloropropene	1.5	~~0.40 J~~	7.0	~~1.8 J~~
1,1,2-Trichloroethane	1.5	Not Detected	8.4	Not Detected
Tetrachloroethene	1.5	0.19 J	10	1.3 J
2-Hexanone	6.2	Not Detected	25	Not Detected

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Client Sample ID: VMP-32-20-050713

Lab ID#: 1305155A-14A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051308**	**Date of Collection: 5/7/13 11:05:00 AM**	
Dil. Factor:	**3.09**	**Date of Analysis: 5/13/13 01:55 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	12	Not Detected
Chlorobenzene	1.5	Not Detected	7.1	Not Detected
Ethyl Benzene	1.5	0.55 J	6.7	2.4 J
m,p-Xylene	1.5	0.86 J	6.7	3.7 J
o-Xylene	1.5	0.50 J	6.7	2.2 J
Styrene	1.5	Not Detected	6.6	Not Detected
Bromoform	1.5	Not Detected	16	Not Detected
Cumene	1.5	Not Detected	7.6	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	11	Not Detected
Propylbenzene	1.5	Not Detected	7.6	Not Detected
4-Ethyltoluene	1.5	~~0.21 J~~	7.6	~~1.0 J~~
1,3,5-Trimethylbenzene	1.5	Not Detected	7.6	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.6	Not Detected
1,3-Dichlorobenzene	1.5	~~0.38 J~~	9.3	~~2.3 J~~
1,4-Dichlorobenzene	1.5	~~0.45 J~~	9.3	~~2.7 J~~
alpha-Chlorotoluene	1.5	Not Detected	8.0	Not Detected
1,2-Dichlorobenzene	1.5	~~0.32 J~~	9.3	~~2.0 J~~
1,2,4-Trichlorobenzene	6.2	~~1.2 J~~	46	~~9.2 J~~
Hexachlorobutadiene	6.2	Not Detected	66	Not Detected
Butane	6.2	Not Detected	15	Not Detected
Isopentane	6.2	0.94 J	18	2.8 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: VMP-32-20-050713-Dup

Lab ID#: 1305155A-15A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051309**	**Date of Collection:**	**5/7/13 11:05:00 AM**
Dil. Factor:	**2.84**	**Date of Analysis:**	**5/13/13 03:23 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.50 J	7.0	2.5 J
Freon 114	1.4	Not Detected	9.9	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.1	Not Detected
Bromomethane	14	Not Detected	55	Not Detected
Chloroethane	5.7	Not Detected	15	Not Detected
Freon 11	1.4	0.22 J	8.0	1.2 J
Ethanol	5.7	3.0 J	11	5.7 J
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Acetone	14	3.7 J	34	8.7 J
2-Propanol	5.7	Not Detected	14	Not Detected
Carbon Disulfide	5.7	~~1.6 J~~	18	~~4.9 J~~
3-Chloropropene	5.7	Not Detected	18	Not Detected
Methylene Chloride	14	Not Detected	49	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.1	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Hexane	1.4	0.96 J	5.0	3.4 J
1,1-Dichloroethane	1.4	Not Detected	5.7	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.7	0.90 J	17	2.6 J
cis-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
Chloroform	1.4	0.46 J	6.9	2.2 J
1,1,1-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Cyclohexane	1.4	Not Detected	4.9	Not Detected
Carbon Tetrachloride	1.4	Not Detected	8.9	Not Detected
2,2,4-Trimethylpentane	1.4	0.43 J	6.6	2.0 J
Benzene	1.4	1.2 J	4.5	3.8 J
1,2-Dichloroethane	1.4	Not Detected	5.7	Not Detected
Heptane	1.4	1.1 J	5.8	4.4 J
Trichloroethene	1.4	Not Detected	7.6	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.6	Not Detected
1,4-Dioxane	5.7	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.5	Not Detected
cis-1,3-Dichloropropene	1.4	0.30 J	6.4	1.3 J
4-Methyl-2-pentanone	1.4	Not Detected	5.8	Not Detected
Toluene	1.4	0.43 J	5.4	1.6 J
trans-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Tetrachloroethene	1.4	Not Detected	9.6	Not Detected
2-Hexanone	5.7	Not Detected	23	Not Detected

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Client Sample ID: VMP-32-20-050713-Dup

Lab ID#: 1305155A-I5A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051309**	**Date of Collection: 5/7/13 11:05:00 AM**	
Dil. Factor:	**2.84**	**Date of Analysis: 5/13/13 03:23 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	0.52 J	11	4.0 J
Chlorobenzene	1.4	0.20 J	6.5	0.92 J
Ethyl Benzene	1.4	0.44 J	6.2	1.9 J
m,p-Xylene	1.4	0.85 J	6.2	3.7 J
o-Xylene	1.4	0.49 J	6.2	2.1 J
Styrene	1.4	Not Detected	6.0	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	Not Detected	7.0	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.7	Not Detected
Propylbenzene	1.4	Not Detected	7.0	Not Detected
4-Ethyltoluene	1.4	0.24 J	7.0	1.2 J
1,3,5-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,3-Dichlorobenzene	1.4	0.53 J	8.5	3.2 J
1,4-Dichlorobenzene	1.4	0.67 J	8.5	4.0 J
alpha-Chlorotoluene	1.4	0.33 J	7.4	1.7 J
1,2-Dichlorobenzene	1.4	0.33 J	8.5	2.0 J
1,2,4-Trichlorobenzene	5.7	1.4 J	42	11 J
Hexachlorobutadiene	5.7	Not Detected	60	Not Detected
Butane	5.7	2.2 J	14	5.1 J
Isopentane	5.7	1.1 J	17	3.3 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	87	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: VMP-48-5-050313

Lab ID#: 1305155A-16A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051310**	**Date of Collection: 5/3/13 10:40:00 AM**	
Dil. Factor:	**2.69**	**Date of Analysis: 5/13/13 04:09 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.3	0.47 J	6.6	2.3 J
Freon 114	1.3	Not Detected	9.4	Not Detected
Chloromethane	13	Not Detected	28	Not Detected
Vinyl Chloride	1.3	Not Detected	3.4	Not Detected
1,3-Butadiene	1.3	Not Detected	3.0	Not Detected
Bromomethane	13	Not Detected	52	Not Detected
Chloroethane	5.4	Not Detected	14	Not Detected
Freon 11	1.3	0.23 J	7.6	1.3 J
Ethanol	5.4	Not Detected	10	Not Detected
Freon 113	1.3	Not Detected	10	Not Detected
1,1-Dichloroethene	1.3	Not Detected	5.3	Not Detected
Acetone	13	4.9 J	32	12 J
2-Propanol	5.4	Not Detected	13	Not Detected
Carbon Disulfide	5.4	~~2.2 J~~	17	~~6.8 J~~
3-Chloropropene	5.4	Not Detected	17	Not Detected
Methylene Chloride	13	0.25 J	47	0.86 J
Methyl tert-butyl ether	1.3	Not Detected	4.8	Not Detected
trans-1,2-Dichloroethene	1.3	Not Detected	5.3	Not Detected
Hexane	1.3	0.32 J	4.7	1.1 J
1,1-Dichloroethane	1.3	Not Detected	5.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.4	Not Detected	16	Not Detected
cis-1,2-Dichloroethene	1.3	Not Detected	5.3	Not Detected
Tetrahydrofuran	1.3	Not Detected	4.0	Not Detected
Chloroform	1.3	Not Detected	6.6	Not Detected
1,1,1-Trichloroethane	1.3	Not Detected	7.3	Not Detected
Cyclohexane	1.3	Not Detected	4.6	Not Detected
Carbon Tetrachloride	1.3	Not Detected	8.5	Not Detected
2,2,4-Trimethylpentane	1.3	0.55 J	6.3	2.6 J
Benzene	1.3	Not Detected	4.3	Not Detected
1,2-Dichloroethane	1.3	Not Detected	5.4	Not Detected
Heptane	1.3	Not Detected	5.5	Not Detected
Trichloroethene	1.3	Not Detected	7.2	Not Detected
1,2-Dichloropropane	1.3	Not Detected	6.2	Not Detected
1,4-Dioxane	5.4	Not Detected	19	Not Detected
Bromodichloromethane	1.3	Not Detected	9.0	Not Detected
cis-1,3-Dichloropropene	1.3	Not Detected	6.1	Not Detected
4-Methyl-2-pentanone	1.3	Not Detected	5.5	Not Detected
Toluene	1.3	~~0.22 J~~	5.1	~~0.82 J~~
trans-1,3-Dichloropropene	1.3	~~0.45 J~~	6.1	~~2.0 J~~
1,1,2-Trichloroethane	1.3	Not Detected	7.3	Not Detected
Tetrachloroethene	1.3	0.38 J	9.1	2.6 J
2-Hexanone	5.4	Not Detected	22	Not Detected

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Client Sample ID: VMP-48-5-050313

Lab ID#: 1305155A-16A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051310**	**Date of Collection: 5/3/13 10:40:00 AM**	
Dil. Factor:	**2.69**	**Date of Analysis: 5/13/13 04:09 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.3	Not Detected	11	Not Detected
1,2-Dibromoethane (EDB)	1.3	~~0.40 J~~	10	~~3.1 J~~
Chlorobenzene	1.3	Not Detected	6.2	Not Detected
Ethyl Benzene	1.3	Not Detected	5.8	Not Detected
m,p-Xylene	1.3	Not Detected	5.8	Not Detected
o-Xylene	1.3	Not Detected	5.8	Not Detected
Styrene	1.3	Not Detected	5.7	Not Detected
Bromoform	1.3	Not Detected	14	Not Detected
Cumene	1.3	Not Detected	6.6	Not Detected
1,1,2,2-Tetrachloroethane	1.3	Not Detected	9.2	Not Detected
Propylbenzene	1.3	Not Detected	6.6	Not Detected
4-Ethyltoluene	1.3	Not Detected	6.6	Not Detected
1,3,5-Trimethylbenzene	1.3	Not Detected	6.6	Not Detected
1,2,4-Trimethylbenzene	1.3	Not Detected	6.6	Not Detected
1,3-Dichlorobenzene	1.3	~~0.34 J~~	8.1	~~2.1 J~~
1,4-Dichlorobenzene	1.3	~~0.45 J~~	8.1	~~2.7 J~~
alpha-Chlorotoluene	1.3	~~0.25 J~~	7.0	~~1.3 J~~
1,2-Dichlorobenzene	1.3	Not Detected	8.1	Not Detected
1,2,4-Trichlorobenzene	5.4	~~0.95 J~~	40	~~7.0 J~~
Hexachlorobutadiene	5.4	Not Detected	57	Not Detected
Butane	5.4	2.0 J	13	4.8 J
Isopentane	5.4	6.0	16	18

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: VMP-48-30-050313

Lab ID#: 1305155A-17A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051311**	**Date of Collection: 5/3/13 11:31:00 AM**	
Dil. Factor:	**2.46**	**Date of Analysis: 5/13/13 04:51 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.2	0.54 J	6.1	2.7 J
Freon 114	1.2	Not Detected	8.6	Not Detected
Chloromethane	12	Not Detected	25	Not Detected
Vinyl Chloride	1.2	Not Detected	3.1	Not Detected
1,3-Butadiene	1.2	Not Detected	2.7	Not Detected
Bromomethane	12	Not Detected	48	Not Detected
Chloroethane	4.9	Not Detected	13	Not Detected
Freon 11	1.2	3.5	6.9	20
Ethanol	4.9	Not Detected	9.3	Not Detected
Freon 113	1.2	Not Detected	9.4	Not Detected
1,1-Dichloroethene	1.2	Not Detected	4.9	Not Detected
Acetone	12	3.5 J	29	8.3 J
2-Propanol	4.9	8.1	12	20
Carbon Disulfide	4.9	70	15	220
3-Chloropropene	4.9	Not Detected	15	Not Detected
Methylene Chloride	12	0.97 J	43	3.4 J
Methyl tert-butyl ether	1.2	Not Detected	4.4	Not Detected
trans-1,2-Dichloroethene	1.2	Not Detected	4.9	Not Detected
Hexane	1.2	3.5	4.3	12
1,1-Dichloroethane	1.2	Not Detected	5.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.9	Not Detected	14	Not Detected
cis-1,2-Dichloroethene	1.2	Not Detected	4.9	Not Detected
Tetrahydrofuran	1.2	Not Detected	3.6	Not Detected
Chloroform	1.2	Not Detected	6.0	Not Detected
1,1,1-Trichloroethane	1.2	Not Detected	6.7	Not Detected
Cyclohexane	1.2	0.78 J	4.2	2.7 J
Carbon Tetrachloride	1.2	Not Detected	7.7	Not Detected
2,2,4-Trimethylpentane	1.2	210	5.7	970
Benzene	1.2	0.70 J	3.9	2.2 J
1,2-Dichloroethane	1.2	Not Detected	5.0	Not Detected
Heptane	1.2	1.1 J	5.0	4.6 J
Trichloroethene	1.2	Not Detected	6.6	Not Detected
1,2-Dichloropropane	1.2	Not Detected	5.7	Not Detected
1,4-Dioxane	4.9	Not Detected	18	Not Detected
Bromodichloromethane	1.2	Not Detected	8.2	Not Detected
cis-1,3-Dichloropropene	1.2	Not Detected	5.6	Not Detected
4-Methyl-2-pentanone	1.2	Not Detected	5.0	Not Detected
Toluene	1.2	1.5	4.6	5.5
trans-1,3-Dichloropropene	1.2	Not Detected	5.6	Not Detected
1,1,2-Trichloroethane	1.2	Not Detected	6.7	Not Detected
Tetrachloroethene	1.2	0.20 J	8.3	1.3 J
2-Hexanone	4.9	Not Detected	20	Not Detected

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Client Sample ID: VMP-48-30-050313

Lab ID#: 1305155A-17A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051311**	**Date of Collection: 5/3/13 11:31:00 AM**	
Dil. Factor:	**2.46**	**Date of Analysis: 5/13/13 04:51 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.2	Not Detected	10	Not Detected
1,2-Dibromoethane (EDB)	1.2	0.56 J	9.4	4.3 J
Chlorobenzene	1.2	0.24 J	5.7	1.1 J
Ethyl Benzene	1.2	0.87 J	5.3	3.8 J
m,p-Xylene	1.2	1.1 J	5.3	4.8 J
o-Xylene	1.2	0.30 J	5.3	1.3 J
Styrene	1.2	0.29 J	5.2	1.2 J
Bromoform	1.2	Not Detected	13	Not Detected
Cumene	1.2	Not Detected	6.0	Not Detected
1,1,2,2-Tetrachloroethane	1.2	Not Detected	8.4	Not Detected
Propylbenzene	1.2	0.45 J	6.0	2.2 J
4-Ethyltoluene	1.2	0.46 J	6.0	2.3 J
1,3,5-Trimethylbenzene	1.2	1.4	6.0	7.1
1,2,4-Trimethylbenzene	1.2	0.82 J	6.0	4.0 J
1,3-Dichlorobenzene	1.2	0.30 J	7.4	1.8 J
1,4-Dichlorobenzene	1.2	0.34 J	7.4	2.0 J
alpha-Chlorotoluene	1.2	0.28 J	6.4	1.4 J
1,2-Dichlorobenzene	1.2	Not Detected	7.4	Not Detected
1,2,4-Trichlorobenzene	4.9	0.70 J	36	5.2 J
Hexachlorobutadiene	4.9	Not Detected	52	Not Detected
Butane	4.9	96	12	230
Isopentane	4.9	39	14	120

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VMP-50-5-050713

Lab ID#: 1305155A-18A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051312**	**Date of Collection:**	**5/7/13 9:36:00 AM**
Dil. Factor:	**2.84**	**Date of Analysis:**	**5/13/13 05:29 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.52 J	7.0	2.6 J
Freon 114	1.4	Not Detected	9.9	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.1	Not Detected
Bromomethane	14	Not Detected	55	Not Detected
Chloroethane	5.7	Not Detected	15	Not Detected
Freon 11	1.4	0.30 J	8.0	1.6 J
Ethanol	5.7	Not Detected	11	Not Detected
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Acetone	14	3.9 J	34	9.2 J
2-Propanol	5.7	3.9 J	14	9.6 J
Carbon Disulfide	5.7	~~2.2 J~~	18	~~7.0 J~~
3-Chloropropene	5.7	Not Detected	18	Not Detected
Methylene Chloride	14	Not Detected	49	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.1	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Hexane	1.4	Not Detected	5.0	Not Detected
1,1-Dichloroethane	1.4	Not Detected	5.7	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.7	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
Chloroform	1.4	Not Detected	6.9	Not Detected
1,1,1-Trichloroethane	1.4	3.1	7.7	17
Cyclohexane	1.4	Not Detected	4.9	Not Detected
Carbon Tetrachloride	1.4	Not Detected	8.9	Not Detected
2,2,4-Trimethylpentane	1.4	0.97 J	6.6	4.5 J
Benzene	1.4	4.4	4.5	14
1,2-Dichloroethane	1.4	Not Detected	5.7	Not Detected
Heptane	1.4	Not Detected	5.8	Not Detected
Trichloroethene	1.4	Not Detected	7.6	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.6	Not Detected
1,4-Dioxane	5.7	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.5	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.8	Not Detected
Toluene	1.4	~~0.23 J~~	5.4	~~0.86 J~~
trans-1,3-Dichloropropene	1.4	~~0.42 J~~	6.4	~~1.9 J~~
1,1,2-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Tetrachloroethene	1.4	0.29 J	9.6	1.9 J
2-Hexanone	5.7	Not Detected	23	Not Detected

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Client Sample ID: VMP-50-5-050713

Lab ID#: 1305155A-18A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051312**	**Date of Collection: 5/7/13 9:36:00 AM**	
Dil. Factor:	**2.84**	**Date of Analysis: 5/13/13 05:29 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	~~0.38 J~~	11	~~2.9 J~~
Chlorobenzene	1.4	Not Detected	6.5	Not Detected
Ethyl Benzene	1.4	Not Detected	6.2	Not Detected
m,p-Xylene	1.4	Not Detected	6.2	Not Detected
o-Xylene	1.4	Not Detected	6.2	Not Detected
Styrene	1.4	Not Detected	6.0	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	Not Detected	7.0	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.7	Not Detected
Propylbenzene	1.4	Not Detected	7.0	Not Detected
4-Ethyltoluene	1.4	Not Detected	7.0	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,3-Dichlorobenzene	1.4	~~0.30 J~~	8.5	~~1.8 J~~
1,4-Dichlorobenzene	1.4	~~0.42 J~~	8.5	~~2.5 J~~
alpha-Chlorotoluene	1.4	Not Detected	7.4	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
1,2,4-Trichlorobenzene	5.7	~~0.77 J~~	42	~~5.7 J~~
Hexachlorobutadiene	5.7	Not Detected	60	Not Detected
Butane	5.7	Not Detected	14	Not Detected
Isopentane	5.7	2.3 J	17	6.8 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: VMP-50-10-050713

Lab ID#: 1305155A-19A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051313**	**Date of Collection:**	**5/7/13 11:04:00 AM**
Dil. Factor:	**3.02**	**Date of Analysis:**	**5/13/13 06:08 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.56 J	7.5	2.8 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	Not Detected	31	Not Detected
Vinyl Chloride	1.5	Not Detected	3.8	Not Detected
1,3-Butadiene	1.5	Not Detected	3.3	Not Detected
Bromomethane	15	Not Detected	59	Not Detected
Chloroethane	6.0	Not Detected	16	Not Detected
Freon 11	1.5	0.19 J	8.5	1.1 J
Ethanol	6.0	Not Detected	11	Not Detected
Freon 113	1.5	Not Detected	12	Not Detected
1,1-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Acetone	15	5.3 J	36	13 J
2-Propanol	6.0	2.7 J	15	6.7 J
Carbon Disulfide	6.0	~~4.6 J~~	19	~~5.0 J~~
3-Chloropropene	6.0	Not Detected	19	Not Detected
Methylene Chloride	15	Not Detected	52	Not Detected
Methyl tert-butyl ether	1.5	Not Detected	5.4	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Hexane	1.5	0.83 J	5.3	2.9 J
1,1-Dichloroethane	1.5	Not Detected	6.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.0	1.0 J	18	3.1 J
cis-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.4	Not Detected
Chloroform	1.5	3.3	7.4	16
1,1,1-Trichloroethane	1.5	1.2 J	8.2	6.7 J
Cyclohexane	1.5	Not Detected	5.2	Not Detected
Carbon Tetrachloride	1.5	Not Detected	9.5	Not Detected
2,2,4-Trimethylpentane	1.5	0.70 J	7.0	3.3 J
Benzene	1.5	16	4.8	52
1,2-Dichloroethane	1.5	Not Detected	6.1	Not Detected
Heptane	1.5	Not Detected	6.2	Not Detected
Trichloroethene	1.5	Not Detected	8.1	Not Detected
1,2-Dichloropropane	1.5	Not Detected	7.0	Not Detected
1,4-Dioxane	6.0	Not Detected	22	Not Detected
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.8	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.2	Not Detected
Toluene	1.5	~~0.25 J~~	5.7	~~0.94 J~~
trans-1,3-Dichloropropene	1.5	Not Detected	6.8	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.2	Not Detected
Tetrachloroethene	1.5	0.42 J	10	2.9 J
2-Hexanone	6.0	Not Detected	25	Not Detected

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Client Sample ID: VMP-50-10-050713

Lab ID#: 1305155A-19A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051313**	**Date of Collection: 5/7/13 11:04:00 AM**	
Dil. Factor:	**3.02**	**Date of Analysis: 5/13/13 06:08 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	12	Not Detected
Chlorobenzene	1.5	Not Detected	7.0	Not Detected
Ethyl Benzene	1.5	Not Detected	6.6	Not Detected
m,p-Xylene	1.5	Not Detected	6.6	Not Detected
o-Xylene	1.5	Not Detected	6.6	Not Detected
Styrene	1.5	Not Detected	6.4	Not Detected
Bromoform	1.5	Not Detected	16	Not Detected
Cumene	1.5	Not Detected	7.4	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.4	Not Detected
4-Ethyltoluene	1.5	Not Detected	7.4	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.4	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.4	Not Detected
1,3-Dichlorobenzene	1.5	~~0.30 J~~	9.1	~~1.8 J~~
1,4-Dichlorobenzene	1.5	~~0.35 J~~	9.1	~~2.1 J~~
alpha-Chlorotoluene	1.5	Not Detected	7.8	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	9.1	Not Detected
1,2,4-Trichlorobenzene	6.0	~~0.73 J~~	45	~~5.4 J~~
Hexachlorobutadiene	6.0	Not Detected	64	Not Detected
Butane	6.0	Not Detected	14	Not Detected
Isopentane	6.0	2.5 J	18	7.4 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: VMP-50-20-050713

Lab ID#: 1305155A-20A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p051317	**Date of Collection:**	5/7/13 11:48:00 AM
Dil. Factor:	20.7	**Date of Analysis:**	5/13/13 09:10 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	10	Not Detected	51	Not Detected
Freon 114	10	Not Detected	72	Not Detected
Chloromethane	100	Not Detected	210	Not Detected
Vinyl Chloride	10	Not Detected	26	Not Detected
1,3-Butadiene	10	Not Detected	23	Not Detected
Bromomethane	100	Not Detected	400	Not Detected
Chloroethane	41	Not Detected	110	Not Detected
Freon 11	10	Not Detected	58	Not Detected
Ethanol	41	Not Detected	78	Not Detected
Freon 113	10	Not Detected	79	Not Detected
1,1-Dichloroethene	10	Not Detected	41	Not Detected
Acetone	100	Not Detected	240	Not Detected
2-Propanol	41	Not Detected	100	Not Detected
Carbon Disulfide	41	23 J	130	71 J
3-Chloropropene	41	Not Detected	130	Not Detected
Methylene Chloride	100	Not Detected	360	Not Detected
Methyl tert-butyl ether	10	Not Detected	37	Not Detected
trans-1,2-Dichloroethene	10	Not Detected	41	Not Detected
Hexane	10	220	36	780
1,1-Dichloroethane	10	Not Detected	42	Not Detected
2-Butanone (Methyl Ethyl Ketone)	41	Not Detected	120	Not Detected
cis-1,2-Dichloroethene	10	Not Detected	41	Not Detected
Tetrahydrofuran	10	Not Detected	30	Not Detected
Chloroform	10	Not Detected	50	Not Detected
1,1,1-Trichloroethane	10	Not Detected	56	Not Detected
Cyclohexane	10	590	36	2000
Carbon Tetrachloride	10	Not Detected	65	Not Detected
2,2,4-Trimethylpentane	10	3500	48	16000
Benzene	10	5.9 J	33	19 J
1,2-Dichloroethane	10	Not Detected	42	Not Detected
Heptane	10	93	42	380
Trichloroethene	10	Not Detected	56	Not Detected
1,2-Dichloropropane	10	Not Detected	48	Not Detected
1,4-Dioxane	41	Not Detected	150	Not Detected
Bromodichloromethane	10	Not Detected	69	Not Detected
cis-1,3-Dichloropropene	10	Not Detected	47	Not Detected
4-Methyl-2-pentanone	10	Not Detected	42	Not Detected
Toluene	10	11	39	40
trans-1,3-Dichloropropene	10	Not Detected	47	Not Detected
1,1,2-Trichloroethane	10	Not Detected	56	Not Detected
Tetrachloroethene	10	Not Detected	70	Not Detected
2-Hexanone	41	Not Detected	170	Not Detected

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Client Sample ID: VMP-50-20-050713

Lab ID#: 1305155A-20A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051317**	**Date of Collection: 5/7/13 11:48:00 AM**	
Dil. Factor:	**20.7**	**Date of Analysis: 5/13/13 09:10 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	10	Not Detected	88	Not Detected
1,2-Dibromoethane (EDB)	10	Not Detected	80	Not Detected
Chlorobenzene	10	Not Detected	48	Not Detected
Ethyl Benzene	10	Not Detected	45	Not Detected
m,p-Xylene	10	10 J	45	44 J
o-Xylene	10	10	45	45
Styrene	10	Not Detected	44	Not Detected
Bromoform	10	Not Detected	110	Not Detected
Cumene	10	Not Detected	51	Not Detected
1,1,2,2-Tetrachloroethane	10	Not Detected	71	Not Detected
Propylbenzene	10	Not Detected	51	Not Detected
4-Ethyltoluene	10	6.3 J	51	31 J
1,3,5-Trimethylbenzene	10	3.4 J	51	17 J
1,2,4-Trimethylbenzene	10	4.3 J	51	21 J
1,3-Dichlorobenzene	10	Not Detected	62	Not Detected
1,4-Dichlorobenzene	10	Not Detected	62	Not Detected
alpha-Chlorotoluene	10	Not Detected	54	Not Detected
1,2-Dichlorobenzene	10	Not Detected	62	Not Detected
1,2,4-Trichlorobenzene	41	Not Detected	310	Not Detected
Hexachlorobutadiene	41	Not Detected	440	Not Detected
Butane	41	270	98	650
Isopentane	41	1000	120	3000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1305155A-21A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p051006a	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/10/13 02:52 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	0.82 J	3.8	1.5 J
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	0.58 J	6.2	1.8 J
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	0.12 J	17	0.41 J
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	0.12 J	2.0	0.47 J
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	0.090 J	2.3	0.41 J
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	0.11 J	1.9	0.42 J
trans-1,3-Dichloropropene	0.50	0.18 J	2.3	0.80 J
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	0.079 J	3.4	0.54 J
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1305155A-21A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051006a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/10/13 02:52 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	0.16 J	3.8	1.3 J
Chlorobenzene	0.50	0.10 J	2.3	0.48 J
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	0.077 J	2.1	0.33 J
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	0.089 J	3.4	0.61 J
Propylbenzene	0.50	0.084 J	2.4	0.41 J
4-Ethyltoluene	0.50	0.11 J	2.4	0.52 J
1,3,5-Trimethylbenzene	0.50	0.11 J	2.4	0.52 J
1,2,4-Trimethylbenzene	0.50	0.12 J	2.4	0.59 J
1,3-Dichlorobenzene	0.50	0.25 J	3.0	1.5 J
1,4-Dichlorobenzene	0.50	0.24 J	3.0	1.5 J
alpha-Chlorotoluene	0.50	0.15 J	2.6	0.79 J
1,2-Dichlorobenzene	0.50	0.22 J	3.0	1.3 J
1,2,4-Trichlorobenzene	2.0	0.89 J	15	6.6 J
Hexachlorobutadiene	2.0	0.41 J	21	4.4 J
Butane	2.0	Not Detected	4.8	Not Detected
Isopentane	2.0	Not Detected	5.9	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1305155A-21B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051306a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/13/13 11:51 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	0.51 J	6.2	1.6 J
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	0.064 J	1.9	0.24 J
trans-1,3-Dichloropropene	0.50	0.16 J	2.3	0.72 J
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1305155A-21B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051306a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/13/13 11:51 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	0.12 J	3.8	0.95 J
Chlorobenzene	0.50	0.086 J	2.3	0.40 J
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	0.076 J	2.4	0.37 J
4-Ethyltoluene	0.50	0.057 J	2.4	0.28 J
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	0.19 J	3.0	1.1 J
1,4-Dichlorobenzene	0.50	0.24 J	3.0	1.5 J
alpha-Chlorotoluene	0.50	0.14 J	2.6	0.72 J
1,2-Dichlorobenzene	0.50	0.17 J	3.0	1.0 J
1,2,4-Trichlorobenzene	2.0	0.85 J	15	6.3 J
Hexachlorobutadiene	2.0	0.36 J	21	3.8 J
Butane	2.0	Not Detected	4.8	Not Detected
Isopentane	2.0	Not Detected	5.9	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: CCV
Lab ID#: 1305155A-22A
EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p051002	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/10/13 11:21 AM

Compound	%Recovery
Freon 12	96
Freon 114	94
Chloromethane	95
Vinyl Chloride	91
1,3-Butadiene	98
Bromomethane	101
Chloroethane	99
Freon 11	96
Ethanol	112
Freon 113	95
1,1-Dichloroethene	96
Acetone	98
2-Propanol	96
Carbon Disulfide	90
3-Chloropropene	93
Methylene Chloride	103
Methyl tert-butyl ether	83
trans-1,2-Dichloroethene	92
Hexane	95
1,1-Dichloroethane	98
2-Butanone (Methyl Ethyl Ketone)	99
cis-1,2-Dichloroethene	95
Tetrahydrofuran	105
Chloroform	100
1,1,1-Trichloroethane	96
Cyclohexane	91
Carbon Tetrachloride	98
2,2,4-Trimethylpentane	103
Benzene	96
1,2-Dichloroethane	102
Heptane	100
Trichloroethene	97
1,2-Dichloropropane	103
1,4-Dioxane	103
Bromodichloromethane	104
cis-1,3-Dichloropropene	98
4-Methyl-2-pentanone	111
Toluene	102
trans-1,3-Dichloropropene	99
1,1,2-Trichloroethane	100
Tetrachloroethene	92
2-Hexanone	102

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Client Sample ID: CCV

Lab ID#: 1305155A-22A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051002**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/10/13 11:21 AM**

Compound	%Recovery
Dibromochloromethane	102
1,2-Dibromoethane (EDB)	102
Chlorobenzene	98
Ethyl Benzene	101
m,p-Xylene	104
o-Xylene	102
Styrene	104
Bromoform	105
Cumene	100
1,1,2,2-Tetrachloroethane	106
Propylbenzene	102
4-Ethyltoluene	106
1,3,5-Trimethylbenzene	106
1,2,4-Trimethylbenzene	103
1,3-Dichlorobenzene	105
1,4-Dichlorobenzene	101
alpha-Chlorotoluene	105
1,2-Dichlorobenzene	105
1,2,4-Trichlorobenzene	103
Hexachlorobutadiene	106
Butane	100
Isopentane	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: CCV
Lab ID#: 1305155A-22B
EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051302**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/13/13 08:51 AM**

Compound	%Recovery
Freon 12	96
Freon 114	95
Chloromethane	97
Vinyl Chloride	92
1,3-Butadiene	98
Bromomethane	102
Chloroethane	97
Freon 11	96
Ethanol	109
Freon 113	96
1,1-Dichloroethene	101
Acetone	100
2-Propanol	97
Carbon Disulfide	90
3-Chloropropene	94
Methylene Chloride	105
Methyl tert-butyl ether	89
trans-1,2-Dichloroethene	95
Hexane	95
1,1-Dichloroethane	96
2-Butanone (Methyl Ethyl Ketone)	100
cis-1,2-Dichloroethene	97
Tetrahydrofuran	105
Chloroform	100
1,1,1-Trichloroethane	96
Cyclohexane	91
Carbon Tetrachloride	99
2,2,4-Trimethylpentane	102
Benzene	95
1,2-Dichloroethane	100
Heptane	101
Trichloroethene	96
1,2-Dichloropropane	103
1,4-Dioxane	101
Bromodichloromethane	105
cis-1,3-Dichloropropene	101
4-Methyl-2-pentanone	108
Toluene	100
trans-1,3-Dichloropropene	101
1,1,2-Trichloroethane	99
Tetrachloroethene	92
2-Hexanone	100

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Client Sample ID: CCV

Lab ID#: 1305155A-22B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051302**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/13/13 08:51 AM**	

Compound	%Recovery
Dibromochloromethane	102
1,2-Dibromoethane (EDB)	101
Chlorobenzene	97
Ethyl Benzene	100
m,p-Xylene	101
o-Xylene	102
Styrene	103
Bromoform	105
Cumene	101
1,1,2,2-Tetrachloroethane	104
Propylbenzene	103
4-Ethyltoluene	106
1,3,5-Trimethylbenzene	104
1,2,4-Trimethylbenzene	103
1,3-Dichlorobenzene	105
1,4-Dichlorobenzene	100
alpha-Chlorotoluene	109
1,2-Dichlorobenzene	105
1,2,4-Trichlorobenzene	107
Hexachlorobutadiene	107
Butane	106
Isopentane	100

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: LCS
Lab ID#: 1305155A-23A
EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p051003	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/10/13 12:08 PM

Compound	%Recovery
Freon 12	97
Freon 114	96
Chloromethane	103
Vinyl Chloride	99
1,3-Butadiene	101
Bromomethane	106
Chloroethane	100
Freon 11	96
Ethanol	88
Freon 113	97
1,1-Dichloroethene	105
Acetone	95
2-Propanol	99
Carbon Disulfide	111
3-Chloropropene	108
Methylene Chloride	104
Methyl tert-butyl ether	81
trans-1,2-Dichloroethene	107
Hexane	95
1,1-Dichloroethane	99
2-Butanone (Methyl Ethyl Ketone)	101
cis-1,2-Dichloroethene	96
Tetrahydrofuran	102
Chloroform	100
1,1,1-Trichloroethane	97
Cyclohexane	93
Carbon Tetrachloride	97
2,2,4-Trimethylpentane	103
Benzene	95
1,2-Dichloroethane	98
Heptane	99
Trichloroethene	97
1,2-Dichloropropane	104
1,4-Dioxane	100
Bromodichloromethane	103
cis-1,3-Dichloropropene	98
4-Methyl-2-pentanone	114
Toluene	101
trans-1,3-Dichloropropene	99
1,1,2-Trichloroethane	100
Tetrachloroethene	92
2-Hexanone	109

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Client Sample ID: LCS

Lab ID#: 1305155A-23A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051003**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/10/13 12:08 PM**

Compound	%Recovery
Dibromochloromethane	99
1,2-Dibromoethane (EDB)	102
Chlorobenzene	99
Ethyl Benzene	101
m,p-Xylene	104
o-Xylene	104
Styrene	107
Bromoform	102
Cumene	102
1,1,2,2-Tetrachloroethane	107
Propylbenzene	105
4-Ethyltoluene	103
1,3,5-Trimethylbenzene	110
1,2,4-Trimethylbenzene	104
1,3-Dichlorobenzene	104
1,4-Dichlorobenzene	99
alpha-Chlorotoluene	105
1,2-Dichlorobenzene	106
1,2,4-Trichlorobenzene	103
Hexachlorobutadiene	102
Butane	98
Isopentane	106

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	107	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	107	70-130

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Client Sample ID: LCSD

Lab ID#: 1305155A-23AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051004**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/10/13 12:59 PM**

Compound	%Recovery
Freon 12	91
Freon 114	90
Chloromethane	104
Vinyl Chloride	94
1,3-Butadiene	94
Bromomethane	102
Chloroethane	98
Freon 11	90
Ethanol	76
Freon 113	92
1,1-Dichloroethene	101
Acetone	90
2-Propanol	95
Carbon Disulfide	108
3-Chloropropene	108
Methylene Chloride	100
Methyl tert-butyl ether	76
trans-1,2-Dichloroethene	105
Hexane	94
1,1-Dichloroethane	93
2-Butanone (Methyl Ethyl Ketone)	97
cis-1,2-Dichloroethene	92
Tetrahydrofuran	94
Chloroform	95
1,1,1-Trichloroethane	90
Cyclohexane	90
Carbon Tetrachloride	92
2,2,4-Trimethylpentane	99
Benzene	95
1,2-Dichloroethane	96
Heptane	100
Trichloroethene	94
1,2-Dichloropropane	103
1,4-Dioxane	99
Bromodichloromethane	101
cis-1,3-Dichloropropene	100
4-Methyl-2-pentanone	110
Toluene	100
trans-1,3-Dichloropropene	95
1,1,2-Trichloroethane	96
Tetrachloroethene	88
2-Hexanone	101

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Client Sample ID: LCSD

Lab ID#: 1305155A-23AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051004**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/10/13 12:59 PM**

Compound	%Recovery
Dibromochloromethane	96
1,2-Dibromoethane (EDB)	98
Chlorobenzene	96
Ethyl Benzene	97
m,p-Xylene	100
o-Xylene	100
Styrene	104
Bromoform	97
Cumene	98
1,1,2,2-Tetrachloroethane	103
Propylbenzene	101
4-Ethyltoluene	100
1,3,5-Trimethylbenzene	105
1,2,4-Trimethylbenzene	101
1,3-Dichlorobenzene	100
1,4-Dichlorobenzene	96
alpha-Chlorotoluene	100
1,2-Dichlorobenzene	101
1,2,4-Trichlorobenzene	100
Hexachlorobutadiene	100
Butane	100
Isopentane	96

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	108	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: LCS

Lab ID#: 1305155A-23B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/13/13 09:40 AM**	

Compound	%Recovery
Freon 12	92
Freon 114	92
Chloromethane	100
Vinyl Chloride	92
1,3-Butadiene	97
Bromomethane	99
Chloroethane	99
Freon 11	90
Ethanol	84
Freon 113	91
1,1-Dichloroethene	101
Acetone	91
2-Propanol	100
Carbon Disulfide	107
3-Chloropropene	98
Methylene Chloride	98
Methyl tert-butyl ether	83
trans-1,2-Dichloroethene	103
Hexane	92
1,1-Dichloroethane	92
2-Butanone (Methyl Ethyl Ketone)	97
cis-1,2-Dichloroethene	92
Tetrahydrofuran	98
Chloroform	96
1,1,1-Trichloroethane	91
Cyclohexane	89
Carbon Tetrachloride	92
2,2,4-Trimethylpentane	98
Benzene	94
1,2-Dichloroethane	96
Heptane	96
Trichloroethene	92
1,2-Dichloropropane	102
1,4-Dioxane	99
Bromodichloromethane	100
cis-1,3-Dichloropropene	96
4-Methyl-2-pentanone	108
Toluene	98
trans-1,3-Dichloropropene	96
1,1,2-Trichloroethane	94
Tetrachloroethene	87
2-Hexanone	105

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Client Sample ID: LCS

Lab ID#: 1305155A-23B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/13/13 09:40 AM**	

Compound	%Recovery
Dibromochloromethane	96
1,2-Dibromoethane (EDB)	98
Chlorobenzene	95
Ethyl Benzene	97
m,p-Xylene	98
o-Xylene	98
Styrene	101
Bromoform	97
Cumene	96
1,1,2,2-Tetrachloroethane	102
Propylbenzene	99
4-Ethyltoluene	100
1,3,5-Trimethylbenzene	102
1,2,4-Trimethylbenzene	98
1,3-Dichlorobenzene	98
1,4-Dichlorobenzene	95
alpha-Chlorotoluene	102
1,2-Dichlorobenzene	100
1,2,4-Trichlorobenzene	100
Hexachlorobutadiene	99
Butane	93
Isopentane	96

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	107	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	104	70-130

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Client Sample ID: LCSD

Lab ID#: 1305155A-23BB

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051304**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/13/13 10:07 AM**

Compound	%Recovery
Freon 12	88
Freon 114	90
Chloromethane	100
Vinyl Chloride	91
1,3-Butadiene	94
Bromomethane	96
Chloroethane	98
Freon 11	88
Ethanol	80
Freon 113	91
1,1-Dichloroethene	97
Acetone	92
2-Propanol	95
Carbon Disulfide	106
3-Chloropropene	109
Methylene Chloride	94
Methyl tert-butyl ether	81
trans-1,2-Dichloroethene	101
Hexane	91
1,1-Dichloroethane	91
2-Butanone (Methyl Ethyl Ketone)	90
cis-1,2-Dichloroethene	90
Tetrahydrofuran	97
Chloroform	93
1,1,1-Trichloroethane	88
Cyclohexane	88
Carbon Tetrachloride	89
2,2,4-Trimethylpentane	97
Benzene	95
1,2-Dichloroethane	92
Heptane	100
Trichloroethene	93
1,2-Dichloropropane	101
1,4-Dioxane	98
Bromodichloromethane	99
cis-1,3-Dichloropropene	96
4-Methyl-2-pentanone	112
Toluene	99
trans-1,3-Dichloropropene	96
1,1,2-Trichloroethane	95
Tetrachloroethene	87
2-Hexanone	106

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Client Sample ID: LCSD

Lab ID#: 1305155A-23BB

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p051304**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/13/13 10:07 AM**	

Compound	%Recovery
Dibromochloromethane	93
1,2-Dibromoethane (EDB)	97
Chlorobenzene	96
Ethyl Benzene	97
m,p-Xylene	99
o-Xylene	98
Styrene	101
Bromoform	97
Cumene	97
1,1,2,2-Tetrachloroethane	103
Propylbenzene	100
4-Ethyltoluene	99
1,3,5-Trimethylbenzene	102
1,2,4-Trimethylbenzene	99
1,3-Dichlorobenzene	99
1,4-Dichlorobenzene	94
alpha-Chlorotoluene	102
1,2-Dichlorobenzene	101
1,2,4-Trichlorobenzene	101
Hexachlorobutadiene	99
Butane	94
Isopentane	95

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	108	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	103	70-130

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CN ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Moosheglan
INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 05/07/13
PO #:
SAP #: 3 4 0 0 6 1
PAGE: 1 of 2

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA
State: IL
GLOBAL ID NO.:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300, ST. LOUIS, MO 63110
FOR DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO: 314-743-4179
E-MAIL: Elizabeth_Kunkel@URSCorp.com
CONSULTANT PROJECT NAME: Roxana Soil Vapor
Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
C. Williams, M. Mansker, B. Lehan, E. Arthur, L. Rathnow, S. Fisher
TELEPHONE: 314-429-0100
FAX: 314-429-0462
Bill To Contact E-MAIL: Robert.Moosheglan@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

☐ 1A - RWQCB REPORT FORMAT ☑ UST AGENCY:
DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

Turn Around Time:
☑ Normal
☐ Rush
Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N2 He

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946				
01A	VMP-2-5-050613	05/06/13	0912-0943	33407	-30	-9			X	X					
02A	VMP-2-8.5-050613	05/06/13	1003-1036	36470	-30	-9.5			X	X					
03A	VMP-2-8.5-050613-Dup	05/06/13	1003-1036	34573	-30	-9			X	X					
04A	VMP-2-22-050613	05/06/13	1050-1118	36498	-30	-10			X	X					
05A	VMP-24-34-050613	05/06/13	1353-1422	37730	-30	-12.5			X	X					
06A	VMP-29-10-050613	05/06/13	0927-0957	33390	-28.5	-8			X	X					
07A	VMP-29-20-050613	05/06/13	1025-1055	15739	-28.5	-8			X	X					
08A	VMP-29-30-050613	05/06/13	1130-1200	37405	-28	-9			X	X					
09A	VMP-30-10-050613	05/06/13	1402-1439	35605	-28.5	-8			X	X					
10A	VMP-30-20-050613	05/06/13	1458-1529	37302	-28.5	-8			X	X					

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

FedEx
Custody Seal Intact?
(Y) N None Temp NA

1305155

		Date	Time
Relinquished by: (Signature)	Received by: (Signature) FEDEX	5/7/13	1700
Relinquished by: (Signature)	Received by: (Signature) Tatia Beck & ATL	05/08/13	1000
Relinquished by: (Signature)	Received by: (Signature)		

05/2/06 Revision

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian
INCIDENT # (ENV SERVICES): 9 7 2 1 5 6 4 0
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 05/07/13
PO #: 3 4 0 0 5 1
SAP #:
PAGE 2 of 2

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE -- ROXANA
State: IL
GLOBAL ID NO.:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300, ST. LOUIS, MO 63110
CDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO: 314-743-4179
E-MAIL: Elizabeth_Kunkel@URSCorp.com
CONSULTANT PROJECT NAME: Roxana Soil Vapor
Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B Folsom, CA 95630-4719
C Williams, M. Mansker, B Lehan, E. Arthur, L Rathnow, S. Fisher.
TELEPHONE: 314-429-0100
FAX: 314-429-0462
Bill To Contact E-MAIL: Robert.Mooshegian@URS.com

TURNAROUND TIME (CALENDAR DAYS)
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

☐ IA - RWQCB REPORT FORMAT ☑ UST AGENCY:
DELIVERABLES ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

Turn Around Time: ☑ Normal ☐ Rush ☐ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
11A	VMP-30-30-050613	05/06/13	1545-1615	31779	-29	-10.5			X	X	
12A	VMP-32-5-050713	05/07/13	0858-0932	37401	-28.5	-8.5			X	X	
13A	VMP-32-10-050713	05/07/13	0948-1020	37372	-28.5	-8			X	X	
14A	VMP-32-20-050713	05/07/13	1035-1105	37711	-29.5	-9.5			X	X	
15A	VMP-32-20-050713-Dup	05/07/13	1035-1105	36395	-29.5	-8			X	X	
16A	VMP-48-5-050313	05/03/13	1010-1040	36573	-29.5	-8.5			X	X	
17A	VMP-48-30-050313	05/03/13	1101-1131	1355	-29	-7			X	X	
18A	VMP-50-5-050713	05/07/13	0904-0936	36510	-30	-10.5			X	X	
19A	VMP-50-10-050713	05/07/13	1036-1104	15756	-30	-11			X	X	
20A	VMP-50-20-050713	05/07/13	1117-1148	37324	-30	-11			X	X	

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

FedEx
Custody Seal Intact?
(Y) N None Temp NA
1305 155

	Relinquished by (Signature)	Received by (Signature)	Date	Time
1		FEDEX	5/7/13	1700
2		Katie Decker ATL	05/08/13	1000
3				

05/2/06 Revision

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5/22/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305155B

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/8/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1305155B

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/08/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/22/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-2-5-050613	Modified ASTM D-1946	6.9 "Hg	14.5 psi
02A	VMP-2-8.5-050613	Modified ASTM D-1946	8.2 "Hg	14.9 psi
03A	VMP-2-8.5-050613-Dup	Modified ASTM D-1946	7.8 "Hg	14.6 psi
04A	VMP-2-22-050613	Modified ASTM D-1946	8.4 "Hg	14.7 psi
05A	VMP-24-34-050613	Modified ASTM D-1946	11 "Hg	15.1 psi
06A	VMP-29-10-050613	Modified ASTM D-1946	7.8 "Hg	15.1 psi
07A	VMP-29-20-050613	Modified ASTM D-1946	8.2 "Hg	15 psi
08A	VMP-29-30-050613	Modified ASTM D-1946	9.2 "Hg	14.8 psi
09A	VMP-30-10-050613	Modified ASTM D-1946	8.4 "Hg	15.5 psi
10A	VMP-30-20-050613	Modified ASTM D-1946	8.2 "Hg	15.1 psi
11A	VMP-30-30-050613	Modified ASTM D-1946	10.8 "Hg	15 psi
12A	VMP-32-5-050713	Modified ASTM D-1946	8.6 "Hg	13.9 psi
13A	VMP-32-10-050713	Modified ASTM D-1946	8.2 "Hg	15.5 psi
14A	VMP-32-20-050713	Modified ASTM D-1946	10.4 "Hg	15 psi
15A	VMP-32-20-050713-Dup	Modified ASTM D-1946	8.6 "Hg	15.1 psi
16A	VMP-48-5-050313	Modified ASTM D-1946	7.6 "Hg	14.9 psi
17A	VMP-48-30-050313	Modified ASTM D-1946	6.1 "Hg	14.1 psi
18A	VMP-50-5-050713	Modified ASTM D-1946	8.8 "Hg	14.8 psi
19A	VMP-50-10-050713	Modified ASTM D-1946	10 "Hg	14.9 psi
20A	VMP-50-20-050713	Modified ASTM D-1946	10.6 "Hg	14.8 psi
21A	Lab Blank	Modified ASTM D-1946	NA	NA
21B	Lab Blank	Modified ASTM D-1946	NA	NA
21C	Lab Blank	Modified ASTM D-1946	NA	NA

Continued on next page

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WORK ORDER #: 1305155B

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/08/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/22/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
21D	Lab Blank	Modified ASTM D-1946	NA	NA
22A	LCS	Modified ASTM D-1946	NA	NA
22AA	LCSD	Modified ASTM D-1946	NA	NA
22B	LCS	Modified ASTM D-1946	NA	NA
22BB	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 05/22/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291, TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified ASTM D-1946
URS Corporation
Workorder# 1305155B

Twenty 1 Liter Summa Canister samples were received on May 08, 2013. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane and fixed gases in air using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Since Nitrogen is used to pressurize samples, the reported Nitrogen values are calculated by adding all the sample components and subtracting from 100%.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*ASTM D-1946*	*ATL Modifications*
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-2-5-050613

Lab ID#: 1305155B-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.26	21
Nitrogen	0.26	79
Carbon Dioxide	0.026	0.20
Helium	0.13	0.029 J

Client Sample ID: VMP-2-8.5-050613

Lab ID#: 1305155B-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	21
Nitrogen	0.28	78
Carbon Dioxide	0.028	0.80
Helium	0.14	0.023 J

Client Sample ID: VMP-2-8.5-050613-Dup

Lab ID#: 1305155B-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	20
Nitrogen	0.27	79
Carbon Dioxide	0.027	0.79
Helium	0.13	0.023 J

Client Sample ID: VMP-2-22-050613

Lab ID#: 1305155B-04A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	22
Nitrogen	0.28	76
Carbon Dioxide	0.028	1.6

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-24-34-050613

Lab ID#: 1305155B-05A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	19
Nitrogen	0.32	78
Carbon Dioxide	0.032	2.6

Client Sample ID: VMP-29-10-050613

Lab ID#: 1305155B-06A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	21
Nitrogen	0.27	78
Carbon Dioxide	0.027	0.46
Helium	0.14	0.35

Client Sample ID: VMP-29-20-050613

Lab ID#: 1305155B-07A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	20
Nitrogen	0.28	79
Carbon Dioxide	0.028	1.0

Client Sample ID: VMP-29-30-050613

Lab ID#: 1305155B-08A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	21
Nitrogen	0.29	78
Carbon Dioxide	0.029	1.0

Client Sample ID: VMP-30-10-050613

Lab ID#: 1305155B-09A

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-30-10-050613

Lab ID#: 1305155B-09A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	21
Nitrogen	0.28	79
Methane	0.00028	0.0012
Carbon Dioxide	0.028	0.10

Client Sample ID: VMP-30-20-050613

Lab ID#: 1305155B-10A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	21
Nitrogen	0.28	79
Carbon Dioxide	0.028	0.33

Client Sample ID: VMP-30-30-050613

Lab ID#: 1305155B-11A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	21
Nitrogen	0.32	78
Carbon Dioxide	0.032	0.55

Client Sample ID: VMP-32-5-050713

Lab ID#: 1305155B-12A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	21
Nitrogen	0.27	78
Methane	0.00027	0.00029
Carbon Dioxide	0.027	0.44
Helium	0.14	0.14

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-32-10-050713

Lab ID#: 1305155B-13A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	18
Nitrogen	0.28	79
Carbon Dioxide	0.028	2.6
Helium	0.14	0.014 J

Client Sample ID: VMP-32-20-050713

Lab ID#: 1305155B-14A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	16
Nitrogen	0.31	80
Carbon Dioxide	0.031	4.3
Helium	0.15	0.049 J

Client Sample ID: VMP-32-20-050713-Dup

Lab ID#: 1305155B-15A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	16
Nitrogen	0.28	80
Carbon Dioxide	0.028	4.3
Helium	0.14	0.042 J

Client Sample ID: VMP-48-5-050313

Lab ID#: 1305155B-16A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	18
Nitrogen	0.27	81
Methane	0.00027	0.00032
Carbon Dioxide	0.027	0.64

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-48-30-050313

Lab ID#: 1305155B-17A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	7.1
Nitrogen	0.25	84
Methane	0.00025	0.00040
Carbon Dioxide	0.025	8.8

Client Sample ID: VMP-50-5-050713

Lab ID#: 1305155B-18A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	18
Nitrogen	0.28	80
Methane	0.00028	0.00018 J
Carbon Dioxide	0.028	1.9

Client Sample ID: VMP-50-10-050713

Lab ID#: 1305155B-19A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	18
Nitrogen	0.30	79
Methane	0.00030	0.00019 J
Carbon Dioxide	0.030	2.6

Client Sample ID: VMP-50-20-050713

Lab ID#: 1305155B-20A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	14
Nitrogen	0.31	76
Methane	0.00031	0.0018
Carbon Dioxide	0.031	9.2
Helium	0.16	0.85

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Client Sample ID: VMP-2-5-050613

Lab ID#: 1305155B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10051806	Date of Collection:	5/6/13 9:43:00 AM
Dil. Factor:	2.58	Date of Analysis:	5/17/13 10:01 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.26	21
Nitrogen	0.26	79
Carbon Monoxide	0.026	Not Detected
Methane	0.00026	Not Detected
Carbon Dioxide	0.026	0.20
Ethane	0.0026	Not Detected
Ethene	0.0026	Not Detected
Helium	0.13	0.029 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-2-8.5-050613

Lab ID#: 1305155B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051807**	**Date of Collection:**	**5/6/13 10:36:00 AM**
Dil. Factor:	**2.77**	**Date of Analysis:**	**5/17/13 10:23 PM**

Compound	**Rpt. Limit (%)**	**Amount (%)**
Oxygen	0.28	21
Nitrogen	0.28	78
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	Not Detected
Carbon Dioxide	0.028	0.80
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	0.023 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-2-8.5-050613-Dup

Lab ID#: 1305155B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051808**	**Date of Collection: 5/6/13 10:36:00 AM**	
Dil. Factor:	**2.69**	**Date of Analysis: 5/18/13 06:08 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	20
Nitrogen	0.27	79
Carbon Monoxide	0.027	Not Detected
Methane	0.00027	Not Detected
Carbon Dioxide	0.027	0.79
Ethane	0.0027	Not Detected
Ethene	0.0027	Not Detected
Helium	0.13	0.023 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-2-22-050613

Lab ID#: 1305155B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051809**	**Date of Collection:**	**5/6/13 11:19:00 AM**
Dil. Factor:	**2.77**	**Date of Analysis:**	**5/18/13 06:31 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	22
Nitrogen	0.28	76
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	Not Detected
Carbon Dioxide	0.028	1.6
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-24-34-050613

Lab ID#: 1305155B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051810**	**Date of Collection: 5/6/13 2:22:00 PM**	
Dil. Factor:	**3.20**	**Date of Analysis: 5/18/13 06:56 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	19
Nitrogen	0.32	78
Carbon Monoxide	0.032	Not Detected
Methane	0.00032	Not Detected
Carbon Dioxide	0.032	2.6
Ethane	0.0032	Not Detected
Ethene	0.0032	Not Detected
Helium	0.16	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-29-10-050613

Lab ID#: 1305155B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051811**	**Date of Collection:**	**5/6/13 9:57:00 AM**
Dil. Factor:	**2.73**	**Date of Analysis:**	**5/18/13 07:19 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	21
Nitrogen	0.27	78
Carbon Monoxide	0.027	Not Detected
Methane	0.00027	Not Detected
Carbon Dioxide	0.027	0.46
Ethane	0.0027	Not Detected
Ethene	0.0027	Not Detected
Helium	0.14	0.35

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-29-20-050613

Lab ID#: 1305155B-07A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051812**	**Date of Collection:**	**5/6/13 10:55:00 AM**
Dil. Factor:	**2.78**	**Date of Analysis:**	**5/18/13 07:41 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	20
Nitrogen	0.28	79
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	Not Detected
Carbon Dioxide	0.028	1.0
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-29-30-050613

Lab ID#: 1305155B-08A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051813**	**Date of Collection: 5/6/13 12:00:00 PM**	
Dil. Factor:	**2.89**	**Date of Analysis: 5/18/13 08:05 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	21
Nitrogen	0.29	78
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	Not Detected
Carbon Dioxide	0.029	1.0
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-30-10-050613

Lab ID#: 1305155B-09A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051814**	**Date of Collection:**	**5/6/13 2:39:00 PM**
Dil. Factor:	**2.85**	**Date of Analysis:**	**5/18/13 08:28 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	21
Nitrogen	0.28	79
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	0.0012
Carbon Dioxide	0.028	0.10
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-30-20-050613

Lab ID#: 1305155B-10A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051815**	**Date of Collection:**	**5/6/13 3:29:00 PM**
Dil. Factor:	**2.78**	**Date of Analysis:**	**5/18/13 08:51 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	21
Nitrogen	0.28	79
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	Not Detected
Carbon Dioxide	0.028	0.33
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-30-30-050613

Lab ID#: 1305155B-11A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051816**	**Date of Collection:**	**5/6/13 4:15:00 PM**
Dil. Factor:	**3.16**	**Date of Analysis:**	**5/18/13 09:14 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	21
Nitrogen	0.32	78
Carbon Monoxide	0.032	Not Detected
Methane	0.00032	Not Detected
Carbon Dioxide	0.032	0.55
Ethane	0.0032	Not Detected
Ethene	0.0032	Not Detected
Helium	0.16	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-32-5-050713

Lab ID#: 1305155B-12A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051819**	**Date of Collection: 5/7/13 9:32:00 AM**	
Dil. Factor:	**2.72**	**Date of Analysis: 5/18/13 10:25 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	21
Nitrogen	0.27	78
Carbon Monoxide	0.027	Not Detected
Methane	0.00027	0.00029
Carbon Dioxide	0.027	0.44
Ethane	0.0027	Not Detected
Ethene	0.0027	Not Detected
Helium	0.14	0.14

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-32-10-050713

Lab ID#: I305155B-13A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051818**	**Date of Collection: 5/7/13 10:20:00 AM**	
Dil. Factor:	**2.82**	**Date of Analysis: 5/18/13 10:01 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	18
Nitrogen	0.28	79
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	Not Detected
Carbon Dioxide	0.028	2.6
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	0.014 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-32-20-050713

Lab ID#: 1305155B-14A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051820**	**Date of Collection:**	**5/7/13 11:05:00 AM**
Dil. Factor:	**3.09**	**Date of Analysis:**	**5/18/13 10:50 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	16
Nitrogen	0.31	80
Carbon Monoxide	0.031	Not Detected
Methane	0.00031	Not Detected
Carbon Dioxide	0.031	4.3
Ethane	0.0031	Not Detected
Ethene	0.0031	Not Detected
Helium	0.15	0.049 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-32-20-050713-Dup

Lab ID#: 1305155B-15A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051821**	**Date of Collection:**	**5/7/13 11:05:00 AM**
Dil. Factor:	**2.84**	**Date of Analysis:**	**5/18/13 11:13 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	16
Nitrogen	0.28	80
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	Not Detected
Carbon Dioxide	0.028	4.3
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	0.042 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-48-5-050313

Lab ID#: 1305155B-16A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051624**	**Date of Collection: 5/3/13 10:40:00 AM**	
Dil. Factor:	**2.69**	**Date of Analysis: 5/16/13 07:39 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	18
Nitrogen	0.27	81
Carbon Monoxide	0.027	Not Detected
Methane	0.00027	0.00032
Carbon Dioxide	0.027	0.64
Ethane	0.0027	Not Detected
Ethene	0.0027	Not Detected
Helium	0.13	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-48-30-050313

Lab ID#: 1305155B-17A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051625**	**Date of Collection: 5/3/13 11:31:00 AM**	
Dil. Factor:	**2.46**	**Date of Analysis: 5/16/13 08:02 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	7.1
Nitrogen	0.25	84
Carbon Monoxide	0.025	Not Detected
Methane	0.00025	0.00040
Carbon Dioxide	0.025	8.8
Ethane	0.0025	Not Detected
Ethene	0.0025	Not Detected
Helium	0.12	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-50-5-050713

Lab ID#: 1305155B-18A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051626**	**Date of Collection:**	**5/7/13 9:36:00 AM**
Dil. Factor:	**2.84**	**Date of Analysis:**	**5/16/13 08:24 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	18
Nitrogen	0.28	80
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	0.00018 J
Carbon Dioxide	0.028	1.9
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-50-10-050713

Lab ID#: 1305155B-19A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051627**	**Date of Collection:**	**5/7/13 11:04:00 AM**
Dil. Factor:	**3.02**	**Date of Analysis:**	**5/16/13 08:46 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	18
Nitrogen	0.30	79
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	0.00019 J
Carbon Dioxide	0.030	2.6
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-50-20-050713

Lab ID#: 1305155B-20A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051628**	**Date of Collection: 5/7/13 11:48:00 AM**	
Dil. Factor:	**3.10**	**Date of Analysis: 5/16/13 09:11 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	14
Nitrogen	0.31	76
Carbon Monoxide	0.031	Not Detected
Methane	0.00031	0.0018
Carbon Dioxide	0.031	9.2
Ethane	0.0031	Not Detected
Ethene	0.0031	Not Detected
Helium	0.16	0.85

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1305155B-21A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051605a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/13 09:44 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	0.019 J
Nitrogen	0.10	0.086 J
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected
Ethane	0.0010	Not Detected
Ethene	0.0010	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1305155B-21B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10051604c	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/16/13 09:18 AM	

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.050	Not Detected

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1305155B-21C

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051805a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/17/13 09:32 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	0.020 J
Nitrogen	0.10	0.018 J
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected
Ethane	0.0010	Not Detected
Ethene	0.0010	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1305155B-21D

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051804c**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/17/13 09:07 PM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Helium	0.050	Not Detected

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCS

Lab ID#: I305155B-22A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051602**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/13 08:26 AM**	

Compound	%Recovery
Oxygen	102
Nitrogen	101
Carbon Monoxide	100
Methane	99
Carbon Dioxide	101
Ethane	99
Ethene	99
Helium	100

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCSD

Lab ID#: 1305155B-22AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051629**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/13 09:34 PM**	

Compound	%Recovery
Oxygen	103
Nitrogen	101
Carbon Monoxide	92
Methane	98
Carbon Dioxide	101
Ethane	98
Ethene	98
Helium	99

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCS

Lab ID#: 1305155B-22B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10051802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/17/13 08:23 PM**	

Compound	%Recovery
Oxygen	101
Nitrogen	100
Carbon Monoxide	99
Methane	100
Carbon Dioxide	101
Ethane	99
Ethene	99
Helium	100

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCSD

Lab ID#: 1305155B-22BB

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10051827	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/18/13 01:30 PM

Compound	%Recovery
Oxygen	101
Nitrogen	101
Carbon Monoxide	99
Methane	101
Carbon Dioxide	100
Ethane	100
Ethene	100
Helium	100

Container Type: NA - Not Applicable

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box: ☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL ☐ MOTIVA SD&DN ☐ CONSULTANT ☐ LUBES ☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian

INCIDENT # (ENV SERVICES): 9 7 2 1 5 6 4 0 ☐ CHECK IF NO INCIDENT # APPLIES

DATE: 05/07/13

PAGE 1 of 2

RO #:

SAP #: 3 4 0 0 6 1

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA

State: IL

GLOBAL ID NO:

ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300, ST. LOUIS, MO 63110

PO DELIVERABLE TO (Name, Consultant, Office Location): Elizabeth Kunkel, URS, St. Louis

PHONE NO: 314-743-4179

E-MAIL: Elizabeth_Kunkel@URSCorp.com

CONSULTANT PROJECT NAME: Roxana Soil Vapor

Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719

C. Williams, M. Mansker, B. Lehan, E. Arthur, L. Rahnow, S. Fisher

TELEPHONE: 314-429-0100

FAX: 314-429-0462

Bill To Contact E-MAIL: Robert.Mooshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ TA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

Lab Use Only	Field Sample Identification	Sampling Date	Sampling Time	Canister Number	Canister Pressure/Vacuum Initial	Canister Pressure/Vacuum Final	Canister Pressure/Vacuum Receipt	Canister Pressure/Vacuum Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946				
01A	VMP-2-5-050613	05/06/13	0912-0943	33407	-30	-9			X	X					
02A	VMP-2-8.5-050613	05/06/13	1003-1036	36470	-30	-9.5			X	X					
03A	VMP-2-8.5-050613-Dup	05/06/13	1003-1036	34573	-30	-9			X	X					
04A	VMP-2-22-050613	05/06/13	1050-1119	36498	-30	-10			X	X					
05A	VMP-24-34-050613	05/06/13	1353-1422	37730	-30	-12.5			X	X					
06A	VMP-29-10-050613	05/06/13	0927-0957	33390	-28.5	-8			X	X					
07A	VMP-29-20-050613	05/06/13	1025-1055	15739	-28.5	-8			X	X					
08A	VMP-29-30-050613	05/06/13	1130-1200	37405	-28	-9			X	X					
09A	VMP-30-10-050613	05/06/13	1402-1439	35005	-26.5	-8			X	X					
10A	VMP-30-20-050613	05/06/13	1458-1529	37302	-28.5	-8			X	X					

Turn Around Time: ☑ Normal ☐ Rush ☐ Specify

Lab Use Only: Pressurized by: Date: Pressurization Gas: N_2 He

ADDITIONAL NOTES:

- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

FedEx
Custody Seal Intact?
(Y) N None Temp NA

1305155

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	FEDEX	5/7/13	1700
Relinquished by: (Signature)	Received by: (Signature) Patti Beck @ AFL	05/08/13	1000
Relinquished by: (Signature)	Received by: (Signature)		

05/2/06 Revision

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&M ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian

INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0 ☐ CHECK IF NO INCIDENT # APPLIES

DATE: 05/07/13

PO #: 3 4 0 SAP #: 0 0 6 1

PAGE: 2 of 2

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS (Street and City): 900 SOUTH CENTRAL AVE -- ROXANA
State: IL
GLOBAL ID NO.:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300, ST. LOUIS, MO 63110
EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St Louis
PHONE NO.: 314-743-4178
E-MAIL: Elizabeth_Kunkel@URSCorp.com
CONSULTANT PROJECT NAME: Roxana Soil Vapor
LABORATORY ADDRESS: Air Toxics, LTD 180 Blue Ravine Road, Suite B Folsom, CA 95630-4719
C. Williams, M. Mansker, B. Lehan, E. Arthur, L. Rathnow, S. Fisher.
TELEPHONE: 314-429-0100
FAX: 314-429-0462
SR Contact E-MAIL: Robert.Mooshegian@URS.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ 1A - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946				
11A	VMP-30-30-050513	05/06/13	1545-1615	31779	-29	-10.5			X	X					
12A	VMP-32-5-050713	05/07/13	0858-0932	37401	-28.5	-8.5			X	X					
13A	VMP-32-10-050713	05/07/13	0948-1020	37372	-28.5	-8			X	X					
14A	VMP-32-20-050713	05/07/13	1035-1105	37711	-29.5	-9.5			X	X					
15A	VMP-32-20-050713-Dup	05/07/13	1035-1105	36395	-29.5	-8			X	X					
16A	VMP-48-5-050313	05/03/13	1010-1040	36573	-29.5	-8.5			X	X					
17A	VMP-48-30-050313	05/03/13	1101-1131	1355	-29	-7			X	X					
18A	VMP-50-5-050713	05/07/13	0904-0936	36510	-30	-10.5			X	X					
19A	VMP-50-10-050713	05/07/13	1036-1104	15758	-30	-11			X	X					
20A	VMP-50-20-050713	05/07/13	1117-1148	37324	-30	-11			X	X					

Turn Around Time:
☑ Normal
☐ Rush
Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N2 He

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

FedEx
Custody Seal Intact?
(Y) N None Temp NA

1305 155

		Date	Time
Relinquished by: (Signature)	Received by: (Signature) FEDEX	5/7/13	1700
Relinquished by: (Signature)	Received by: (Signature) Katie Decker ATL	05/08/13	1000
Relinquished by: (Signature)	Received by: (Signature)		

05/2009 Revision

Roxana Soil Vapor Quarterly – 2nd Quarter 2013 Data Review

Laboratory SDG: 1305226A,B

Data Reviewer: Melissa Mansker

Peer Reviewer: Elizabeth Kunkel

Date Reviewed: 6/20/2013

Guidance: USEPA National Functional Guidelines for Superfund Organic Methods Data Review 2008

Sample Identification	Sample Identification
VMP-1-5-050813	VMP-1-8.5-050813
VMP-1-23.5-050813	VMP-1-23.5-050813-Dup
VMP-48-10-050813	VMP-49-5-050713
VMP-49-10-050713	VMP-49-10-050713-Dup
VMP-52-30-050613	

1.0 Data Package Completeness

Were all items delivered as specified in the QAPP and COC as appropriate?

Yes

2.0 Laboratory Case Narrative \ Cooler Receipt Form

Were problems noted in the laboratory case narrative or cooler receipt form?

Although not indicated in the laboratory case narrative, analytes were detected in the method blank. TO-15 LCS/LCSD recoveries were outside evaluation criteria. The difference in ethanol, 2-propanol, and benzene results for the field duplicate pair VMP-49-10-050713/VMP-49-10-050713-Dup was greater than two times (2X) the reporting level; therefore results were qualified as estimated. The CCV recovery for 1,2-dichloroethane was outside evaluation criteria. These issues are addressed further in the appropriate sections below.

No issues or discrepancies were noted in the cooler receipt form.

3.0 Holding Times

Were samples extracted/analyzed within applicable limits?

Yes

4.0 Blank Contamination

Were any analytes detected in the Blanks?

Yes

Blank ID	Parameter	Analyte	Concentration/ Amount
1305226A-10A	TO-15	Bromomethane	0.66 ppbv / 2.5 µg/m^3
1305226A-10A	TO-15	Carbon disulfide	0.41 ppbv / 1.3 µg/m^3
1305226A-10A	TO-15	trans-1,3-Dichloropropene	0.17 ppbv / 0.78 µg/m^3
1305226A-10A	TO-15	Tetrachloroethene	0.089 ppbv / 0.60 µg/m^3

Blank ID	Parameter	Analyte	Concentration/ Amount
1305226A-10A	TO-15	1,2-Dibromoethane (EDB)	0.099 ppbv / 0.76 µg/m^3
1305226A-10A	TO-15	m,p-Xylene	0.095 ppbv / 0.41 µg/m^3
1305226A-10A	TO-15	1,3-Dichlorobenzene	0.18 ppbv / 1.1 µg/m^3
1305226A-10A	TO-15	1,4-Dichlorobenzene	0.21 ppbv / 1.3 µg/m^3
1305226A-10A	TO-15	alpha-Chlorotoluene	0.10 ppbv / 0.53 µg/m^3
1305226A-10A	TO-15	1,2-Dichlorobenzene	0.14 ppbv / 0.87 µg/m^3
1305226A-10A	TO-15	1,2,4-Trichlorobenzene	0.61 ppbv / 4.5 µg/m^3
1305226A-10A	TO-15	Hexachlorobutadiene	0.21 ppbv / 2.3 µg/m^3
1305226B-10A	Natural gases	Oxygen	0.015%
1305226B-10A	Natural gases	Nitrogen	0.084%

Qualifications due to blank contamination are included in the table below. Analytical data that were reported non-detect or at concentrations greater than five times (5X) the associated blank concentration did not require qualification.

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-1-5-050813	TO-15	Carbon disulfide	-	**U**
VMP-1-5-050813	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-1-5-050813	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-1-8.5-050813	TO-15	Tetrachloroethene	-	**U**
VMP-1-8.5-050813	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-1-8.5-050813	TO-15	alpha-Chlorotoluene	-	**U**
VMP-48-10-050813	TO-15	Tetrachloroethene	-	**U**
VMP-48-10-050813	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-49-5-050713	TO-15	Tetrachloroethene	-	**U**
VMP-49-5-050713	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-49-10-050713	TO-15	Tetrachloroethene	-	**U**
VMP-49-10-050713	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-49-10-050713-Dup	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-49-10-050713-Dup	TO-15	Tetrachloroethene	-	**U**
VMP-49-10-050713-Dup	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-49-10-050713-Dup	TO-15	alpha-Chlorotoluene	-	**U**
VMP-52-30-050613	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-52-30-050613	TO-15	Tetrachloroethene	-	**U**
VMP-52-30-050613	TO-15	1,4-Dichlorobenzene	-	**U**

5.0 Laboratory Control Sample

Were LCS recoveries within evaluation criteria?

No

LCS/LCSD ID	Parameter	Analyte	LCS/LCSD Recovery	LCS/ LCSD RPD	LCS/LCSD /RPD Criteria
1305226A-12A/AA	TO-15	Carbon disulfide	**132**/128	3	70-130/25
1305226A-12A/AA	TO-15	1,2,4-Trimethylbenzene	**131**/129	2	70-130/25
1305226A-12B/BB	TO-15	Chloromethane	**132**/126	5	70-130/25
1305226A-12B/BB	TO-15	1,2-Dichloroethane	**132**/130	2	70-130/25

Analytical data that required qualification based on LCS data are included in the table below. Analytical data reported as non-detect and associated with LCS recoveries above evaluation criteria, indicating a possible high bias, did not require qualification.

Sample ID	Parameter	Analyte	Qualification
VMP-1-8.5-050813	TO-15	1,2,4-Trimethylbenzene	**J**
VMP-48-10-050813	TO-15	1,2,4-Trimethylbenzene	**J**
VMP-52-30-050613	TO-15	Carbon disulfide	**J**

6.0 Surrogate Recoveries

Were surrogate recoveries within evaluation criteria?

Yes

7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

Were MS/MSD samples analyzed as part of this SDG?

MS/MSD samples are not applicable for vapor samples, due to the inability to spike the samples.

8.0 Laboratory Duplicate Results

Were laboratory duplicate samples collected as part of this SDG?

No

9.0 Field Duplicate Results

Were field duplicate samples collected as part of this SDG?

Yes

Field ID	Field Duplicate ID
VMP-1-23.5-050813	VMP-1-23.5-050813-Dup
VMP-49-10-050713	VMP-49-10-050713-Dup

Were field duplicate sample RPDs within evaluation criteria?

No

Field ID	Field Duplicate ID	Parameter	Analyte	RPD	Qualification
VMP-49-10-050713	VMP-49-10-050713-Dup	TO-15	Ethanol	**>2X RL**	**J/J**

Field ID	Field Duplicate ID	Parameter	Analyte	RPD	Qualification
VMP-49-10-050713	VMP-49-10-050713-Dup	TO-15	2-Propanol	**>2X RL**	**J/J**
VMP-49-10-050713	VMP-49-10-050713-Dup	TO-15	Benzene	**>2X RL**	**J/J**

10.0 Sample Dilutions

For samples that were diluted and nondetect, were undiluted results also reported?

Not applicable; analytes were detected in samples that were diluted.

11.0 Additional Qualifications

Were additional qualifications applied?

Yes, the CCV percent recovery for 1,2-dichlolroethane was outside evaluation criteria as summarized in the table below.

CCV ID	Parameter	Analyte	CCV Recovery	CCV Criteria
1305226A-11B	TO-15	1,2-Dichloroethane	**131**	70-130

Analytical data reported as non-detect and associated with CCV recoveries above evaluation criteria, indicating a possible high bias, did not require qualification. No qualification of data was required.

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5/22/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305226A

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/10/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

Reviewed on 6/20/2013

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WORK ORDER #: 1305226A

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/10/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/22/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-1-5-050813	Modified TO-15	9.4 "Hg	14.2 psi
02A	VMP-1-8.5-050813	Modified TO-15	10 "Hg	15.2 psi
03A	VMP-1-23.5-050813	Modified TO-15	10.6 "Hg	14.8 psi
04A	VMP-1-23.5-050813-Dup	Modified TO-15	9.6 "Hg	14.4 psi
05A	VMP-48-10-050813	Modified TO-15	9.4 "Hg	14.9 psi
06A	VMP-49-5-050713	Modified TO-15	11 "Hg	15.3 psi
07A	VMP-49-10-050713	Modified TO-15	8.6 "Hg	14.2 psi
08A	VMP-49-10-050713 Dup	Modified TO-15	9.8 "Hg	14.9 psi
09A	VMP-52-30-050613	Modified TO-15	8.4 "Hg	14.5 psi
10A	Lab Blank	Modified TO-15	NA	NA
10B	Lab Blank	Modified TO-15	NA	NA
11A	CCV	Modified TO-15	NA	NA
11B	CCV	Modified TO-15	NA	NA
12A	LCS	Modified TO-15	NA	NA
12AA	LCSD	Modified TO-15	NA	NA
12B	LCS	Modified TO-15	NA	NA
12BB	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Heidi Rayos DATE: 05/22/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
URS Corporation
Workorder# 1305226A

Nine 1 Liter Summa Canister samples were received on May 10, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per client project requirements, the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-1-5-050813

Lab ID#: 1305226A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.62 J	7.1	3.0 J
Freon 11	1.4	0.29 J	8.0	1.6 J
Ethanol	5.7	3.9 J	11	7.4 J
Acetone	14	11 J	34	26 J
2-Propanol	5.7	2.8 J	14	6.8 J
Carbon Disulfide	5.7	~~1.0 J~~	18	~~3.1 J~~
Methylene Chloride	14	0.39 J	50	1.4 J
Hexane	1.4	0.60 J	5.0	2.1 J
2-Butanone (Methyl Ethyl Ketone)	5.7	3.9 J	17	12 J
2,2,4-Trimethylpentane	1.4	0.96 J	6.7	4.5 J
Benzene	1.4	0.67 J	4.6	2.1 J
4-Methyl-2-pentanone	1.4	0.99 J	5.8	4.0 J
Toluene	1.4	0.39 J	5.4	1.5 J
trans-1,3-Dichloropropene	1.4	~~0.20 J~~	6.5	~~0.92 J~~
Tetrachloroethene	1.4	0.52 J	9.7	3.6 J
1,4-Dichlorobenzene	1.4	~~0.26 J~~	8.6	~~1.6 J~~
Butane	5.7	9.0	14	21
Isopentane	5.7	1.6 J	17	4.8 J

Client Sample ID: VMP-1-8.5-050813

Lab ID#: 1305226A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.52 J	7.5	2.6 J
Freon 11	1.5	0.30 J	8.6	1.7 J
Ethanol	6.1	3.7 J	11	6.9 J
Acetone	15	6.6 J	36	16 J
2-Propanol	6.1	11	15	28
Hexane	1.5	7.2	5.4	25
2-Butanone (Methyl Ethyl Ketone)	6.1	1.8 J	18	5.2 J
Cyclohexane	1.5	1.4 J	5.2	5.0 J
2,2,4-Trimethylpentane	1.5	9.8	7.1	46
Benzene	1.5	0.64 J	4.9	2.0 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-1-8.5-050813

Lab ID#: 1305226A-02A

Heptane	1.5	0.54 J	6.2	2.2 J
4-Methyl-2-pentanone	1.5	0.50 J	6.2	2.1 J
Toluene	1.5	0.43 J	5.7	1.6 J
Tetrachloroethene	1.5	~~0.30 J~~ U	10	~~2.0 J~~ U
m,p-Xylene	1.5	1.1 J	6.6	4.9 J
o-Xylene	1.5	0.38 J	6.6	1.6 J
4-Ethyltoluene	1.5	0.48 J	7.5	2.3 J
1,2,4-Trimethylbenzene	1.5	0.71 J J	7.5	3.5 J J
1,4-Dichlorobenzene	1.5	~~0.27 J~~ U	9.2	~~1.6 J~~ U
alpha-Chlorotoluene	1.5	~~0.18 J~~ U	7.9	~~0.93 J~~ U
Butane	6.1	63	14	150
Isopentane	6.1	58	18	170

Client Sample ID: VMP-1-23.5-050813

Lab ID#: 1305226A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Cyclohexane	16	62	53	220
2,2,4-Trimethylpentane	16	2500	72	12000
Benzene	16	2.2 J	50	6.9 J
Butane	62	1600	150	3700
Isopentane	62	9000	180	27000

Client Sample ID: VMP-1-23.5-050813-Dup

Lab ID#: 1305226A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	58	6.8 J	140	16 J
Cyclohexane	14	69	50	240
2,2,4-Trimethylpentane	14	2600	68	12000
Benzene	14	2.0 J	46	6.2 J
Butane	58	1800	140	4200
Isopentane	58	9300	170	28000

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-48-10-050813

Lab ID#: 1305226A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.61 J	7.2	3.0 J
Freon 11	1.5	0.36 J	8.2	2.0 J
Ethanol	5.9	2.7 J	11	5.0 J
Acetone	15	6.6 J	35	16 J
Hexane	1.5	1.0 J	5.2	3.6 J
2,2,4-Trimethylpentane	1.5	0.83 J	6.8	3.9 J
Benzene	1.5	3.3	4.7	11
Heptane	1.5	0.42 J	6.0	1.7 J
Toluene	1.5	0.41 J	5.5	1.5 J
Tetrachloroethene	1.5	~~0.27 J~~ U	9.9	~~1.8 J~~ U
m,p-Xylene	1.5	0.48 J	6.4	2.1 J
4-Ethyltoluene	1.5	0.85 J	7.2	4.2 J
1,2,4-Trimethylbenzene	1.5	1.4 J J	7.2	6.8 J J
1,4-Dichlorobenzene	1.5	~~0.22 J~~ U	8.8	~~1.3 J~~ U
Butane	5.9	4.4 J	14	10 J
Isopentane	5.9	1.7 J	17	5.0 J

Client Sample ID: VMP-49-5-050713

Lab ID#: 1305226A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.53 J	8.0	2.6 J
Freon 11	1.6	0.28 J	9.0	1.6 J
Ethanol	6.4	4.0 J	12	7.6 J
Acetone	16	4.0 J	38	9.5 J
Hexane	1.6	0.45 J	5.7	1.6 J
Cyclohexane	1.6	0.59 J	5.5	2.0 J
2,2,4-Trimethylpentane	1.6	6.0	7.5	28
Benzene	1.6	0.29 J	5.1	0.93 J
Toluene	1.6	0.20 J	6.1	0.75 J
Tetrachloroethene	1.6	~~0.22 J~~ U	11	~~1.5 J~~ U
1,4-Dichlorobenzene	1.6	~~0.18 J~~ U	9.7	~~1.1 J~~ U
Butane	6.4	3.4 J	15	8.0 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-49-5-050713

Lab ID#: I305226A-06A

Isopentane	6.4	8.2	19	24

Client Sample ID: VMP-49-10-050713

Lab ID#: 1305226A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.58 J	6.8	2.9 J
Freon 11	1.4	0.30 J	7.7	1.7 J
Ethanol	5.5	17 J	10	32 J
Acetone	14	9.6 J	33	23 J
2-Propanol	5.5	32 J	14	80 J
Methylene Chloride	14	0.53 J	48	1.8 J
Hexane	1.4	0.69 J	4.8	2.4 J
2-Butanone (Methyl Ethyl Ketone)	5.5	1.5 J	16	4.4 J
Tetrahydrofuran	1.4	0.34 J	4.0	1.0 J
Cyclohexane	1.4	0.34 J	4.7	1.2 J
2,2,4-Trimethylpentane	1.4	0.35 J	6.4	1.6 J
Benzene	1.4	7.2 J	4.4	23 J
Heptane	1.4	0.66 J	5.6	2.7 J
Toluene	1.4	1.7	5.2	6.3
Tetrachloroethene	1.4	~~0.20 J~~ U	9.3	~~1.3 J~~ U
Ethyl Benzene	1.4	0.99 J	6.0	4.3 J
m,p-Xylene	1.4	1.9	6.0	8.1
o-Xylene	1.4	0.84 J	6.0	3.6 J
4-Ethyltoluene	1.4	0.36 J	6.8	1.8 J
1,4-Dichlorobenzene	1.4	~~0.16 J~~ U	8.3	~~0.96 J~~ U
Isopentane	5.5	9.0	16	27

Client Sample ID: VMP-49-10-050713 Dup

Lab ID#: 1305226A-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.58 J	7.4	2.9 J
Freon 11	1.5	0.32 J	8.4	1.8 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-49-10-050713 Dup

Lab ID#: I305226A-08A

Ethanol	6.0	4.2 J J	11	8.0 J J
Acetone	15	5.8 J	36	14 J
2-Propanol	6.0	3.7 J J	15	9.1 J J
Hexane	1.5	0.82 J	5.3	2.9 J
Cyclohexane	1.5	0.36 J	5.1	1.2 J
2,2,4-Trimethylpentane	1.5	0.55 J	7.0	2.6 J
Benzene	1.5	2.1 J	4.8	6.6 J
Heptane	1.5	0.69 J	6.1	2.8 J
Toluene	1.5	0.72 J	5.6	2.7 J
trans-1,3-Dichloropropene	1.5	~~0.22 J~~ U	6.8	~~1.0 J~~ U
Tetrachloroethene	1.5	~~0.30 J~~ U	10	~~2.0 J~~ U
Ethyl Benzene	1.5	0.92 J	6.5	4.0 J
m,p-Xylene	1.5	1.6	6.5	7.1
o-Xylene	1.5	0.86 J	6.5	3.7 J
4-Ethyltoluene	1.5	0.37 J	7.3	1.8 J
1,4-Dichlorobenzene	1.5	~~0.22 J~~ U	9.0	~~1.3 J~~ U
alpha-Chlorotoluene	1.5	~~0.15 J~~ U	7.7	~~0.78 J~~ U
Isopentane	6.0	3.7 J	18	11 J

Client Sample ID: VMP-52-30-050613

Lab ID#: 1305226A-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.60 J	6.8	3.0 J
Freon 11	1.4	0.38 J	7.7	2.1 J
Ethanol	5.5	2.1 J	10	4.0 J
Acetone	14	3.4 J	33	8.1 J
Carbon Disulfide	5.5	3.1 J J	17	9.7 J J
Hexane	1.4	1.4	4.8	4.9
Chloroform	1.4	1.4	6.7	6.7
Cyclohexane	1.4	1.0 J	4.7	3.5 J
2,2,4-Trimethylpentane	1.4	1.5	6.4	6.9
Benzene	1.4	11	4.4	36
Toluene	1.4	0.24 J	5.2	0.91 J
trans-1,3-Dichloropropene	1.4	~~0.22 J~~ U	6.2	~~0.98 J~~ U

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-52-30-050613

Lab ID#: 1305226A-09A

Tetrachloroethene	1.4	~~0.35 J~~	9.3	~~2.4 J~~
1,4-Dichlorobenzene	1.4	~~0.18 J~~	8.3	~~1.1 J~~
Butane	5.5	12	13	28
Isopentane	5.5	4.9 J	16	14 J

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Client Sample ID: VMP-I-5-050813

Lab ID#: 1305226A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3051422	Date of Collection:	5/8/13 10:05:00 AM
Dil. Factor:	2.86	Date of Analysis:	5/14/13 08:54 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.62 J	7.1	3.0 J
Freon 114	1.4	Not Detected	10	Not Detected
Chloromethane	14	Not Detected	30	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.2	Not Detected
Bromomethane	14	Not Detected	56	Not Detected
Chloroethane	5.7	Not Detected	15	Not Detected
Freon 11	1.4	0.29 J	8.0	1.6 J
Ethanol	5.7	3.9 J	11	7.4 J
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Acetone	14	11 J	34	26 J
2-Propanol	5.7	2.8 J	14	6.8 J
Carbon Disulfide	5.7	~~1.0 J~~ U	18	~~3.1 J~~ U
3-Chloropropene	5.7	Not Detected	18	Not Detected
Methylene Chloride	14	0.39 J	50	1.4 J
Methyl tert-butyl ether	1.4	Not Detected	5.2	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Hexane	1.4	0.60 J	5.0	2.1 J
1,1-Dichloroethane	1.4	Not Detected	5.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.7	3.9 J	17	12 J
cis-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
Chloroform	1.4	Not Detected	7.0	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Cyclohexane	1.4	Not Detected	4.9	Not Detected
Carbon Tetrachloride	1.4	Not Detected	9.0	Not Detected
2,2,4-Trimethylpentane	1.4	0.96 J	6.7	4.5 J
Benzene	1.4	0.67 J	4.6	2.1 J
1,2-Dichloroethane	1.4	Not Detected	5.8	Not Detected
Heptane	1.4	Not Detected	5.9	Not Detected
Trichloroethene	1.4	Not Detected	7.7	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.6	Not Detected
1,4-Dioxane	5.7	Not Detected	21	Not Detected
Bromodichloromethane	1.4	Not Detected	9.6	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
4-Methyl-2-pentanone	1.4	0.99 J	5.8	4.0 J
Toluene	1.4	0.39 J	5.4	1.5 J
trans-1,3-Dichloropropene	1.4	~~0.20 J~~ U	6.5	~~0.92 J~~ U
1,1,2-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Tetrachloroethene	1.4	0.52 J	9.7	3.6 J
2-Hexanone	5.7	Not Detected	23	Not Detected

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Client Sample ID: VMP-1-5-050813

Lab ID#: 1305226A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3051422	Date of Collection:	5/8/13 10:05:00 AM
Dil. Factor:	2.86	Date of Analysis:	5/14/13 08:54 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	Not Detected	6.6	Not Detected
Ethyl Benzene	1.4	Not Detected	6.2	Not Detected
m,p-Xylene	1.4	Not Detected	6.2	Not Detected
o-Xylene	1.4	Not Detected	6.2	Not Detected
Styrene	1.4	Not Detected	6.1	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	Not Detected	7.0	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.8	Not Detected
Propylbenzene	1.4	Not Detected	7.0	Not Detected
4-Ethyltoluene	1.4	Not Detected	7.0	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,4-Dichlorobenzene	1.4	0.26 J	8.6	1.6 J
alpha-Chlorotoluene	1.4	Not Detected	7.4	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,2,4-Trichlorobenzene	5.7	Not Detected	42	Not Detected
Hexachlorobutadiene	5.7	Not Detected	61	Not Detected
Butane	5.7	9.0	14	21
Isopentane	5.7	1.6 J	17	4.8 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: VMP-1-8.5-050813

Lab ID#: 1305226A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3051423**	**Date of Collection:**	**5/8/13 10:57:00 AM**
Dil. Factor:	**3.05**	**Date of Analysis:**	**5/14/13 09:28 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.52 J	7.5	2.6 J
Freon 114	1.5	Not Detected	11	Not Detected
Chloromethane	15	Not Detected	31	Not Detected
Vinyl Chloride	1.5	Not Detected	3.9	Not Detected
1,3-Butadiene	1.5	Not Detected	3.4	Not Detected
Bromomethane	15	Not Detected	59	Not Detected
Chloroethane	6.1	Not Detected	16	Not Detected
Freon 11	1.5	0.30 J	8.6	1.7 J
Ethanol	6.1	3.7 J	11	6.9 J
Freon 113	1.5	Not Detected	12	Not Detected
1,1-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Acetone	15	6.6 J	36	16 J
2-Propanol	6.1	11	15	28
Carbon Disulfide	6.1	Not Detected	19	Not Detected
3-Chloropropene	6.1	Not Detected	19	Not Detected
Methylene Chloride	15	Not Detected	53	Not Detected
Methyl tert-butyl ether	1.5	Not Detected	5.5	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Hexane	1.5	7.2	5.4	25
1,1-Dichloroethane	1.5	Not Detected	6.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.1	1.8 J	18	5.2 J
cis-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.5	Not Detected
Chloroform	1.5	Not Detected	7.4	Not Detected
1,1,1-Trichloroethane	1.5	Not Detected	8.3	Not Detected
Cyclohexane	1.5	1.4 J	5.2	5.0 J
Carbon Tetrachloride	1.5	Not Detected	9.6	Not Detected
2,2,4-Trimethylpentane	1.5	9.8	7.1	46
Benzene	1.5	0.64 J	4.9	2.0 J
1,2-Dichloroethane	1.5	Not Detected	6.2	Not Detected
Heptane	1.5	0.54 J	6.2	2.2 J
Trichloroethene	1.5	Not Detected	8.2	Not Detected
1,2-Dichloropropane	1.5	Not Detected	7.0	Not Detected
1,4-Dioxane	6.1	Not Detected	22	Not Detected
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.9	Not Detected
4-Methyl-2-pentanone	1.5	0.50 J	6.2	2.1 J
Toluene	1.5	0.43 J	5.7	1.6 J
trans-1,3-Dichloropropene	1.5	Not Detected	6.9	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.3	Not Detected
Tetrachloroethene	1.5	0.30 J	10	2.0 J
2-Hexanone	6.1	Not Detected	25	Not Detected

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Client Sample ID: VMP-I-8.5-050813

Lab ID#: 1305226A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3051423**	**Date of Collection: 5/8/13 10:57:00 AM**	
Dil. Factor:	**3.05**	**Date of Analysis: 5/14/13 09:28 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	12	Not Detected
Chlorobenzene	1.5	Not Detected	7.0	Not Detected
Ethyl Benzene	1.5	Not Detected	6.6	Not Detected
m,p-Xylene	1.5	1.1 J	6.6	4.9 J
o-Xylene	1.5	0.38 J	6.6	1.6 J
Styrene	1.5	Not Detected	6.5	Not Detected
Bromoform	1.5	Not Detected	16	Not Detected
Cumene	1.5	Not Detected	7.5	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.5	Not Detected
4-Ethyltoluene	1.5	0.48 J	7.5	2.3 J
1,3,5-Trimethylbenzene	1.5	Not Detected	7.5	Not Detected J
1,2,4-Trimethylbenzene	1.5	0.71 J J	7.5	3.5 J J
1,3-Dichlorobenzene	1.5	Not Detected	9.2	Not Detected
1,4-Dichlorobenzene	1.5	~~0.27 J~~ J	9.2	~~1.6 J~~ J
alpha-Chlorotoluene	1.5	~~0.18 J~~ J	7.9	~~0.93 J~~ J
1,2-Dichlorobenzene	1.5	Not Detected	9.2	Not Detected
1,2,4-Trichlorobenzene	6.1	Not Detected	45	Not Detected
Hexachlorobutadiene	6.1	Not Detected	65	Not Detected
Butane	6.1	63	14	150
Isopentane	6.1	58	18	170

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VMP-1-23.5-050813

Lab ID#: 1305226A-03A

EPA METHOD TO-15 GC/MS

File Name:	**14051621**	**Date of Collection: 5/8/13 11:48:00 AM**	
Dil. Factor:	**3.10**	**Date of Analysis: 5/16/13 06:22 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	16	Not Detected	77	Not Detected
Freon 114	16	Not Detected	110	Not Detected
Chloromethane	62	Not Detected	130	Not Detected
Vinyl Chloride	16	Not Detected	40	Not Detected
1,3-Butadiene	16	Not Detected	34	Not Detected
Bromomethane	16	Not Detected	60	Not Detected
Chloroethane	62	Not Detected	160	Not Detected
Freon 11	16	Not Detected	87	Not Detected
Ethanol	62	Not Detected	120	Not Detected
Freon 113	16	Not Detected	120	Not Detected
1,1-Dichloroethene	16	Not Detected	61	Not Detected
Acetone	62	Not Detected	150	Not Detected
2-Propanol	62	Not Detected	150	Not Detected
Carbon Disulfide	16	Not Detected	48	Not Detected
3-Chloropropene	62	Not Detected	190	Not Detected
Methylene Chloride	16	Not Detected	54	Not Detected
Methyl tert-butyl ether	16	Not Detected	56	Not Detected
trans-1,2-Dichloroethene	16	Not Detected	61	Not Detected
Hexane	16	Not Detected	55	Not Detected
1,1-Dichloroethane	16	Not Detected	63	Not Detected
2-Butanone (Methyl Ethyl Ketone)	62	Not Detected	180	Not Detected
cis-1,2-Dichloroethene	16	Not Detected	61	Not Detected
Tetrahydrofuran	16	Not Detected	46	Not Detected
Chloroform	16	Not Detected	76	Not Detected
1,1,1-Trichloroethane	16	Not Detected	84	Not Detected
Cyclohexane	16	62	53	220
Carbon Tetrachloride	16	Not Detected	98	Not Detected
2,2,4-Trimethylpentane	16	2500	72	12000
Benzene	16	2.2 J	50	6.9 J
1,2-Dichloroethane	16	Not Detected	63	Not Detected
Heptane	16	Not Detected	64	Not Detected
Trichloroethene	16	Not Detected	83	Not Detected
1,2-Dichloropropane	16	Not Detected	72	Not Detected
1,4-Dioxane	62	Not Detected	220	Not Detected
Bromodichloromethane	16	Not Detected	100	Not Detected
cis-1,3-Dichloropropene	16	Not Detected	70	Not Detected
4-Methyl-2-pentanone	16	Not Detected	63	Not Detected
Toluene	16	Not Detected	58	Not Detected
trans-1,3-Dichloropropene	16	Not Detected	70	Not Detected
1,1,2-Trichloroethane	16	Not Detected	84	Not Detected
Tetrachloroethene	16	Not Detected	100	Not Detected
2-Hexanone	62	Not Detected	250	Not Detected

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Client Sample ID: VMP-1-23.5-050813

Lab ID#: 1305226A-03A

EPA METHOD TO-15 GC/MS

File Name:	**14051621**	**Date of Collection: 5/8/13 11:48:00 AM**	
Dil. Factor:	**3.10**	**Date of Analysis: 5/16/13 06:22 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	16	Not Detected	130	Not Detected
1,2-Dibromoethane (EDB)	16	Not Detected	120	Not Detected
Chlorobenzene	16	Not Detected	71	Not Detected
Ethyl Benzene	16	Not Detected	67	Not Detected
m,p-Xylene	16	Not Detected	67	Not Detected
o-Xylene	16	Not Detected	67	Not Detected
Styrene	16	Not Detected	66	Not Detected
Bromoform	16	Not Detected	160	Not Detected
Cumene	16	Not Detected	76	Not Detected
1,1,2,2-Tetrachloroethane	16	Not Detected	110	Not Detected
Propylbenzene	16	Not Detected	76	Not Detected
4-Ethyltoluene	16	Not Detected	76	Not Detected
1,3,5-Trimethylbenzene	16	Not Detected	76	Not Detected
1,2,4-Trimethylbenzene	16	Not Detected	76	Not Detected
1,3-Dichlorobenzene	16	Not Detected	93	Not Detected
1,4-Dichlorobenzene	16	Not Detected	93	Not Detected
alpha-Chlorotoluene	16	Not Detected	80	Not Detected
1,2-Dichlorobenzene	16	Not Detected	93	Not Detected
1,2,4-Trichlorobenzene	62	Not Detected	460	Not Detected
Hexachlorobutadiene	62	Not Detected	660	Not Detected
Butane	62	1600	150	3700
Isopentane	62	9000	180	27000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	119	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: VMP-1-23.5-050813-Dup

Lab ID#: 1305226A-04A

EPA METHOD TO-15 GC/MS

File Name:	**14051622**	**Date of Collection:**	**5/8/13 11:48:00 AM**
Dil. Factor:	**2.91**	**Date of Analysis:**	**5/16/13 06:51 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	14	Not Detected	72	Not Detected
Freon 114	14	Not Detected	100	Not Detected
Chloromethane	58	Not Detected	120	Not Detected
Vinyl Chloride	14	Not Detected	37	Not Detected
1,3-Butadiene	14	Not Detected	32	Not Detected
Bromomethane	14	Not Detected	56	Not Detected
Chloroethane	58	Not Detected	150	Not Detected
Freon 11	14	Not Detected	82	Not Detected
Ethanol	58	Not Detected	110	Not Detected
Freon 113	14	Not Detected	110	Not Detected
1,1-Dichloroethene	14	Not Detected	58	Not Detected
Acetone	58	6.8 J	140	16 J
2-Propanol	58	Not Detected	140	Not Detected
Carbon Disulfide	14	Not Detected	45	Not Detected
3-Chloropropene	58	Not Detected	180	Not Detected
Methylene Chloride	14	Not Detected	50	Not Detected
Methyl tert-butyl ether	14	Not Detected	52	Not Detected
trans-1,2-Dichloroethene	14	Not Detected	58	Not Detected
Hexane	14	Not Detected	51	Not Detected
1,1-Dichloroethane	14	Not Detected	59	Not Detected
2-Butanone (Methyl Ethyl Ketone)	58	Not Detected	170	Not Detected
cis-1,2-Dichloroethene	14	Not Detected	58	Not Detected
Tetrahydrofuran	14	Not Detected	43	Not Detected
Chloroform	14	Not Detected	71	Not Detected
1,1,1-Trichloroethane	14	Not Detected	79	Not Detected
Cyclohexane	14	69	50	240
Carbon Tetrachloride	14	Not Detected	92	Not Detected
2,2,4-Trimethylpentane	14	2600	68	12000
Benzene	14	2.0 J	46	6.2 J
1,2-Dichloroethane	14	Not Detected	59	Not Detected
Heptane	14	Not Detected	60	Not Detected
Trichloroethene	14	Not Detected	78	Not Detected
1,2-Dichloropropane	14	Not Detected	67	Not Detected
1,4-Dioxane	58	Not Detected	210	Not Detected
Bromodichloromethane	14	Not Detected	97	Not Detected
cis-1,3-Dichloropropene	14	Not Detected	66	Not Detected
4-Methyl-2-pentanone	14	Not Detected	60	Not Detected
Toluene	14	Not Detected	55	Not Detected
trans-1,3-Dichloropropene	14	Not Detected	66	Not Detected
1,1,2-Trichloroethane	14	Not Detected	79	Not Detected
Tetrachloroethene	14	Not Detected	99	Not Detected
2-Hexanone	58	Not Detected	240	Not Detected

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Client Sample ID: VMP-1-23.5-050813-Dup

Lab ID#: 1305226A-04A

EPA METHOD TO-15 GC/MS

File Name:	**14051622**	**Date of Collection: 5/8/13 11:48:00 AM**	
Dil. Factor:	**2.91**	**Date of Analysis: 5/16/13 06:51 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	14	Not Detected	120	Not Detected
1,2-Dibromoethane (EDB)	14	Not Detected	110	Not Detected
Chlorobenzene	14	Not Detected	67	Not Detected
Ethyl Benzene	14	Not Detected	63	Not Detected
m,p-Xylene	14	Not Detected	63	Not Detected
o-Xylene	14	Not Detected	63	Not Detected
Styrene	14	Not Detected	62	Not Detected
Bromoform	14	Not Detected	150	Not Detected
Cumene	14	Not Detected	72	Not Detected
1,1,2,2-Tetrachloroethane	14	Not Detected	100	Not Detected
Propylbenzene	14	Not Detected	72	Not Detected
4-Ethyltoluene	14	Not Detected	72	Not Detected
1,3,5-Trimethylbenzene	14	Not Detected	72	Not Detected
1,2,4-Trimethylbenzene	14	Not Detected	72	Not Detected
1,3-Dichlorobenzene	14	Not Detected	87	Not Detected
1,4-Dichlorobenzene	14	Not Detected	87	Not Detected
alpha-Chlorotoluene	14	Not Detected	75	Not Detected
1,2-Dichlorobenzene	14	Not Detected	87	Not Detected
1,2,4-Trichlorobenzene	58	Not Detected	430	Not Detected
Hexachlorobutadiene	58	Not Detected	620	Not Detected
Butane	58	1800	140	4200
Isopentane	58	9300	170	28000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: VMP-48-10-050813

Lab ID#: 1305226A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3051424**	**Date of Collection: 5/8/13 2:48:00 PM**	
Dil. Factor:	**2.93**	**Date of Analysis: 5/14/13 10:02 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.61 J	7.2	3.0 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	Not Detected	30	Not Detected
Vinyl Chloride	1.5	Not Detected	3.7	Not Detected
1,3-Butadiene	1.5	Not Detected	3.2	Not Detected
Bromomethane	15	Not Detected	57	Not Detected
Chloroethane	5.9	Not Detected	15	Not Detected
Freon 11	1.5	0.36 J	8.2	2.0 J
Ethanol	5.9	2.7 J	11	5.0 J
Freon 113	1.5	Not Detected	11	Not Detected
1,1-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Acetone	15	6.6 J	35	16 J
2-Propanol	5.9	Not Detected	14	Not Detected
Carbon Disulfide	5.9	Not Detected	18	Not Detected
3-Chloropropene	5.9	Not Detected	18	Not Detected
Methylene Chloride	15	Not Detected	51	Not Detected
Methyl tert-butyl ether	1.5	Not Detected	5.3	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Hexane	1.5	1.0 J	5.2	3.6 J
1,1-Dichloroethane	1.5	Not Detected	5.9	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.9	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.3	Not Detected
Chloroform	1.5	Not Detected	7.2	Not Detected
1,1,1-Trichloroethane	1.5	Not Detected	8.0	Not Detected
Cyclohexane	1.5	Not Detected	5.0	Not Detected
Carbon Tetrachloride	1.5	Not Detected	9.2	Not Detected
2,2,4-Trimethylpentane	1.5	0.83 J	6.8	3.9 J
Benzene	1.5	3.3	4.7	11
1,2-Dichloroethane	1.5	Not Detected	5.9	Not Detected
Heptane	1.5	0.42 J	6.0	1.7 J
Trichloroethene	1.5	Not Detected	7.9	Not Detected
1,2-Dichloropropane	1.5	Not Detected	6.8	Not Detected
1,4-Dioxane	5.9	Not Detected	21	Not Detected
Bromodichloromethane	1.5	Not Detected	9.8	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.6	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.0	Not Detected
Toluene	1.5	0.41 J	5.5	1.5 J
trans-1,3-Dichloropropene	1.5	Not Detected	6.6	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.0	Not Detected
Tetrachloroethene	1.5	~~0.27 J~~ 4	9.9	~~1.8 J~~ 4
2-Hexanone	5.9	Not Detected	24	Not Detected

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Client Sample ID: VMP-48-10-050813

Lab ID#: 1305226A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3051424**	**Date of Collection: 5/8/13 2:48:00 PM**	
Dil. Factor:	**2.93**	**Date of Analysis: 5/14/13 10:02 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	11	Not Detected
Chlorobenzene	1.5	Not Detected	6.7	Not Detected
Ethyl Benzene	1.5	Not Detected	6.4	Not Detected
m,p-Xylene	1.5	0.48 J	6.4	2.1 J
o-Xylene	1.5	Not Detected	6.4	Not Detected
Styrene	1.5	Not Detected	6.2	Not Detected
Bromoform	1.5	Not Detected	15	Not Detected
Cumene	1.5	Not Detected	7.2	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.2	Not Detected
4-Ethyltoluene	1.5	0.85 J	7.2	4.2 J
1,3,5-Trimethylbenzene	1.5	Not Detected	7.2	Not Detected
1,2,4-Trimethylbenzene	1.5	1.4 J	7.2	6.8 J
1,3-Dichlorobenzene	1.5	Not Detected	8.8	Not Detected
1,4-Dichlorobenzene	1.5	~~0.22 J~~	8.8	~~1.3 J~~
alpha-Chlorotoluene	1.5	Not Detected	7.6	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	8.8	Not Detected
1,2,4-Trichlorobenzene	5.9	Not Detected	43	Not Detected
Hexachlorobutadiene	5.9	Not Detected	62	Not Detected
Butane	5.9	4.4 J	14	10 J
Isopentane	5.9	1.7 J	17	5.0 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VMP-49-5-050713

Lab ID#: 1305226A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3051425**	**Date of Collection: 5/7/13 2:33:00 PM**	
Dil. Factor:	**3.22**	**Date of Analysis: 5/14/13 10:36 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.53 J	8.0	2.6 J
Freon 114	1.6	Not Detected	11	Not Detected
Chloromethane	16	Not Detected	33	Not Detected
Vinyl Chloride	1.6	Not Detected	4.1	Not Detected
1,3-Butadiene	1.6	Not Detected	3.6	Not Detected
Bromomethane	16	Not Detected	62	Not Detected
Chloroethane	6.4	Not Detected	17	Not Detected
Freon 11	1.6	0.28 J	9.0	1.6 J
Ethanol	6.4	4.0 J	12	7.6 J
Freon 113	1.6	Not Detected	12	Not Detected
1,1-Dichloroethene	1.6	Not Detected	6.4	Not Detected
Acetone	16	4.0 J	38	9.5 J
2-Propanol	6.4	Not Detected	16	Not Detected
Carbon Disulfide	6.4	Not Detected	20	Not Detected
3-Chloropropene	6.4	Not Detected	20	Not Detected
Methylene Chloride	16	Not Detected	56	Not Detected
Methyl tert-butyl ether	1.6	Not Detected	5.8	Not Detected
trans-1,2-Dichloroethene	1.6	Not Detected	6.4	Not Detected
Hexane	1.6	0.45 J	5.7	1.6 J
1,1-Dichloroethane	1.6	Not Detected	6.5	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.4	Not Detected	19	Not Detected
cis-1,2-Dichloroethene	1.6	Not Detected	6.4	Not Detected
Tetrahydrofuran	1.6	Not Detected	4.7	Not Detected
Chloroform	1.6	Not Detected	7.9	Not Detected
1,1,1-Trichloroethane	1.6	Not Detected	8.8	Not Detected
Cyclohexane	1.6	0.59 J	5.5	2.0 J
Carbon Tetrachloride	1.6	Not Detected	10	Not Detected
2,2,4-Trimethylpentane	1.6	6.0	7.5	28
Benzene	1.6	0.29 J	5.1	0.93 J
1,2-Dichloroethane	1.6	Not Detected	6.5	Not Detected
Heptane	1.6	Not Detected	6.6	Not Detected
Trichloroethene	1.6	Not Detected	8.6	Not Detected
1,2-Dichloropropane	1.6	Not Detected	7.4	Not Detected
1,4-Dioxane	6.4	Not Detected	23	Not Detected
Bromodichloromethane	1.6	Not Detected	11	Not Detected
cis-1,3-Dichloropropene	1.6	Not Detected	7.3	Not Detected
4-Methyl-2-pentanone	1.6	Not Detected	6.6	Not Detected
Toluene	1.6	0.20 J	6.1	0.75 J
trans-1,3-Dichloropropene	1.6	Not Detected	7.3	Not Detected
1,1,2-Trichloroethane	1.6	Not Detected	8.8	Not Detected
Tetrachloroethene	1.6	0.22 J	11	1.5 J
2-Hexanone	6.4	Not Detected	26	Not Detected

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Client Sample ID: VMP-49-5-050713

Lab ID#: 1305226A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3051425**	**Date of Collection:**	**5/7/13 2:33:00 PM**
Dil. Factor:	**3.22**	**Date of Analysis:**	**5/14/13 10:36 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.6	Not Detected	14	Not Detected
1,2-Dibromoethane (EDB)	1.6	Not Detected	12	Not Detected
Chlorobenzene	1.6	Not Detected	7.4	Not Detected
Ethyl Benzene	1.6	Not Detected	7.0	Not Detected
m,p-Xylene	1.6	Not Detected	7.0	Not Detected
o-Xylene	1.6	Not Detected	7.0	Not Detected
Styrene	1.6	Not Detected	6.8	Not Detected
Bromoform	1.6	Not Detected	17	Not Detected
Cumene	1.6	Not Detected	7.9	Not Detected
1,1,2,2-Tetrachloroethane	1.6	Not Detected	11	Not Detected
Propylbenzene	1.6	Not Detected	7.9	Not Detected
4-Ethyltoluene	1.6	Not Detected	7.9	Not Detected
1,3,5-Trimethylbenzene	1.6	Not Detected	7.9	Not Detected
1,2,4-Trimethylbenzene	1.6	Not Detected	7.9	Not Detected
1,3-Dichlorobenzene	1.6	Not Detected	9.7	Not Detected
1,4-Dichlorobenzene	1.6	0.18 J	9.7	1.1 J
alpha-Chlorotoluene	1.6	Not Detected	8.3	Not Detected
1,2-Dichlorobenzene	1.6	Not Detected	9.7	Not Detected
1,2,4-Trichlorobenzene	6.4	Not Detected	48	Not Detected
Hexachlorobutadiene	6.4	Not Detected	69	Not Detected
Butane	6.4	3.4 J	15	8.0 J
Isopentane	6.4	8.2	19	24

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VMP-49-10-050713

Lab ID#: 1305226A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3051426**	**Date of Collection:**	**5/7/13 3:21:00 PM**
Dil. Factor:	**2.75**	**Date of Analysis:**	**5/14/13 11:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.58 J	6.8	2.9 J
Freon 114	1.4	Not Detected	9.6	Not Detected
Chloromethane	14	Not Detected	28	Not Detected
Vinyl Chloride	1.4	Not Detected	3.5	Not Detected
1,3-Butadiene	1.4	Not Detected	3.0	Not Detected
Bromomethane	14	Not Detected	53	Not Detected
Chloroethane	5.5	Not Detected	14	Not Detected
Freon 11	1.4	0.30 J	7.7	1.7 J
Ethanol	5.5	17 J	10	32 J
Freon 113	1.4	Not Detected	10	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Acetone	14	9.6 J	33	23 J
2-Propanol	5.5	32 J	14	80 J
Carbon Disulfide	5.5	Not Detected	17	Not Detected
3-Chloropropene	5.5	Not Detected	17	Not Detected
Methylene Chloride	14	0.53 J	48	1.8 J
Methyl tert-butyl ether	1.4	Not Detected	5.0	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Hexane	1.4	0.69 J	4.8	2.4 J
1,1-Dichloroethane	1.4	Not Detected	5.6	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.5	1.5 J	16	4.4 J
cis-1,2-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Tetrahydrofuran	1.4	0.34 J	4.0	1.0 J
Chloroform	1.4	Not Detected	6.7	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.5	Not Detected
Cyclohexane	1.4	0.34 J	4.7	1.2 J
Carbon Tetrachloride	1.4	Not Detected	8.6	Not Detected
2,2,4-Trimethylpentane	1.4	0.35 J	6.4	1.6 J
Benzene	1.4	7.2 J	4.4	23 J
1,2-Dichloroethane	1.4	Not Detected	5.6	Not Detected
Heptane	1.4	0.66 J	5.6	2.7 J
Trichloroethene	1.4	Not Detected	7.4	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.4	Not Detected
1,4-Dioxane	5.5	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.2	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.2	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.6	Not Detected
Toluene	1.4	1.7	5.2	6.3
trans-1,3-Dichloropropene	1.4	Not Detected	6.2	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.5	Not Detected
Tetrachloroethene	1.4	~~0.20 J~~ U	9.3	~~1.3 J~~ U
2-Hexanone	5.5	Not Detected	22	Not Detected

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Client Sample ID: VMP-49-10-050713

Lab ID#: 1305226A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3051426**	**Date of Collection: 5/7/13 3:21:00 PM**	
Dil. Factor:	**2.75**	**Date of Analysis: 5/14/13 11:02 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	10	Not Detected
Chlorobenzene	1.4	Not Detected	6.3	Not Detected
Ethyl Benzene	1.4	0.99 J	6.0	4.3 J
m,p-Xylene	1.4	1.9	6.0	8.1
o-Xylene	1.4	0.84 J	6.0	3.6 J
Styrene	1.4	Not Detected	5.8	Not Detected
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	Not Detected	6.8	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.4	Not Detected
Propylbenzene	1.4	Not Detected	6.8	Not Detected
4-Ethyltoluene	1.4	0.36 J	6.8	1.8 J
1,3,5-Trimethylbenzene	1.4	Not Detected	6.8	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	6.8	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.3	Not Detected
1,4-Dichlorobenzene	1.4	0.16 J	8.3	0.96 J
alpha-Chlorotoluene	1.4	Not Detected	7.1	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.3	Not Detected
1,2,4-Trichlorobenzene	5.5	Not Detected	41	Not Detected
Hexachlorobutadiene	5.5	Not Detected	59	Not Detected
Butane	5.5	Not Detected	13	Not Detected
Isopentane	5.5	9.0	16	27

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VMP-49-10-050713 Dup

Lab ID#: 1305226A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3051427	Date of Collection:	5/7/13 3:21:00 PM
Dil. Factor:	2.99	Date of Analysis:	5/14/13 11:54 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.58 J	7.4	2.9 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	Not Detected	31	Not Detected
Vinyl Chloride	1.5	Not Detected	3.8	Not Detected
1,3-Butadiene	1.5	Not Detected	3.3	Not Detected
Bromomethane	15	Not Detected	58	Not Detected
Chloroethane	6.0	Not Detected	16	Not Detected
Freon 11	1.5	0.32 J	8.4	1.8 J
Ethanol	6.0	4.2 J J	11	8.0 J J
Freon 113	1.5	Not Detected	11	Not Detected
1,1-Dichloroethene	1.5	Not Detected	5.9	Not Detected
Acetone	15	5.8 J	36	14 J
2-Propanol	6.0	3.7 J J	15	9.1 J J
Carbon Disulfide	6.0	Not Detected	19	Not Detected
3-Chloropropene	6.0	Not Detected	19	Not Detected
Methylene Chloride	15	Not Detected	52	Not Detected
Methyl tert-butyl ether	1.5	Not Detected	5.4	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	5.9	Not Detected
Hexane	1.5	0.82 J	5.3	2.9 J
1,1-Dichloroethane	1.5	Not Detected	6.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.0	Not Detected	18	Not Detected
cis-1,2-Dichloroethene	1.5	Not Detected	5.9	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.4	Not Detected
Chloroform	1.5	Not Detected	7.3	Not Detected
1,1,1-Trichloroethane	1.5	Not Detected	8.2	Not Detected
Cyclohexane	1.5	0.36 J	5.1	1.2 J
Carbon Tetrachloride	1.5	Not Detected	9.4	Not Detected
2,2,4-Trimethylpentane	1.5	0.55 J	7.0	2.6 J
Benzene	1.5	2.1 J	4.8	6.6 J
1,2-Dichloroethane	1.5	Not Detected	6.0	Not Detected
Heptane	1.5	0.69 J	6.1	2.8 J
Trichloroethene	1.5	Not Detected	8.0	Not Detected
1,2-Dichloropropane	1.5	Not Detected	6.9	Not Detected
1,4-Dioxane	6.0	Not Detected	22	Not Detected
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.8	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.1	Not Detected
Toluene	1.5	0.72 J	5.6	2.7 J
trans-1,3-Dichloropropene	1.5	~~0.22 J~~ U	6.8	~~1.0 J~~ U
1,1,2-Trichloroethane	1.5	Not Detected	8.2	Not Detected
Tetrachloroethene	1.5	~~0.30 J~~ U	10	~~2.0 J~~ U
2-Hexanone	6.0	Not Detected	24	Not Detected

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Client Sample ID: VMP-49-10-050713 Dup

Lab ID#: 1305226A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3051427**	**Date of Collection: 5/7/13 3:21:00 PM**	
Dil. Factor:	**2.99**	**Date of Analysis: 5/14/13 11:54 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	11	Not Detected
Chlorobenzene	1.5	Not Detected	6.9	Not Detected
Ethyl Benzene	1.5	0.92 J	6.5	4.0 J
m,p-Xylene	1.5	1.6	6.5	7.1
o-Xylene	1.5	0.86 J	6.5	3.7 J
Styrene	1.5	Not Detected	6.4	Not Detected
Bromoform	1.5	Not Detected	15	Not Detected
Cumene	1.5	Not Detected	7.3	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.3	Not Detected
4-Ethyltoluene	1.5	0.37 J	7.3	1.8 J
1,3,5-Trimethylbenzene	1.5	Not Detected	7.3	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.3	Not Detected
1,3-Dichlorobenzene	1.5	Not Detected	9.0	Not Detected
1,4-Dichlorobenzene	1.5	~~0.22 J~~ U	9.0	~~1.3 J~~ U
alpha-Chlorotoluene	1.5	~~0.15 J~~ U	7.7	~~0.78 J~~ U
1,2-Dichlorobenzene	1.5	Not Detected	9.0	Not Detected
1,2,4-Trichlorobenzene	6.0	Not Detected	44	Not Detected
Hexachlorobutadiene	6.0	Not Detected	64	Not Detected
Butane	6.0	Not Detected	14	Not Detected
Isopentane	6.0	3.7 J	18	11 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: VMP-52-30-050613

Lab ID#: 1305226A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3051428**	**Date of Collection: 5/6/13 3:32:00 PM**	
Dil. Factor:	**2.75**	**Date of Analysis: 5/15/13 12:23 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.60 J	6.8	3.0 J
Freon 114	1.4	Not Detected	9.6	Not Detected
Chloromethane	14	Not Detected	28	Not Detected
Vinyl Chloride	1.4	Not Detected	3.5	Not Detected
1,3-Butadiene	1.4	Not Detected	3.0	Not Detected
Bromomethane	14	Not Detected	53	Not Detected
Chloroethane	5.5	Not Detected	14	Not Detected
Freon 11	1.4	0.38 J	7.7	2.1 J
Ethanol	5.5	2.1 J	10	4.0 J
Freon 113	1.4	Not Detected	10	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Acetone	14	3.4 J	33	8.1 J
2-Propanol	5.5	Not Detected	14	Not Detected
Carbon Disulfide	5.5	3.1 J J	17	9.7 J J
3-Chloropropene	5.5	Not Detected	17	Not Detected
Methylene Chloride	14	Not Detected	48	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.0	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Hexane	1.4	1.4	4.8	4.9
1,1-Dichloroethane	1.4	Not Detected	5.6	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.5	Not Detected	16	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.0	Not Detected
Chloroform	1.4	1.4	6.7	6.7
1,1,1-Trichloroethane	1.4	Not Detected	7.5	Not Detected
Cyclohexane	1.4	1.0 J	4.7	3.5 J
Carbon Tetrachloride	1.4	Not Detected	8.6	Not Detected
2,2,4-Trimethylpentane	1.4	1.5	6.4	6.9
Benzene	1.4	11	4.4	36
1,2-Dichloroethane	1.4	Not Detected	5.6	Not Detected
Heptane	1.4	Not Detected	5.6	Not Detected
Trichloroethene	1.4	Not Detected	7.4	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.4	Not Detected
1,4-Dioxane	5.5	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.2	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.2	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.6	Not Detected
Toluene	1.4	0.24 J	5.2	0.91 J
trans-1,3-Dichloropropene	1.4	~~0.22 J~~ U	6.2	~~0.98 J~~ U
1,1,2-Trichloroethane	1.4	Not Detected	7.5	Not Detected
Tetrachloroethene	1.4	~~0.35 J~~ U	9.3	~~2.4 J~~ U
2-Hexanone	5.5	Not Detected	22	Not Detected

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Client Sample ID: VMP-52-30-050613

Lab ID#: 1305226A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3051428**	**Date of Collection: 5/6/13 3:32:00 PM**	
Dil. Factor:	**2.75**	**Date of Analysis: 5/15/13 12:23 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	10	Not Detected
Chlorobenzene	1.4	Not Detected	6.3	Not Detected
Ethyl Benzene	1.4	Not Detected	6.0	Not Detected
m,p-Xylene	1.4	Not Detected	6.0	Not Detected
o-Xylene	1.4	Not Detected	6.0	Not Detected
Styrene	1.4	Not Detected	5.8	Not Detected
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	Not Detected	6.8	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.4	Not Detected
Propylbenzene	1.4	Not Detected	6.8	Not Detected
4-Ethyltoluene	1.4	Not Detected	6.8	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	6.8	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	6.8	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.3	Not Detected
1,4-Dichlorobenzene	1.4	0.18 J	8.3	1.1 J
alpha-Chlorotoluene	1.4	Not Detected	7.1	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.3	Not Detected
1,2,4-Trichlorobenzene	5.5	Not Detected	41	Not Detected
Hexachlorobutadiene	5.5	Not Detected	59	Not Detected
Butane	5.5	12	13	28
Isopentane	5.5	4.9 J	16	14 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	100	70-130

Client Sample ID: Lab Blank

Lab ID#: 1305226A-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3051407e**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/14/13 12:05 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	0.66 J	19	2.5 J
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	0.41 J	6.2	1.3 J
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	0.17 J	2.3	0.78 J
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	0.089 J	3.4	0.60 J
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1305226A-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3051407e**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/14/13 12:05 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	0.099 J	3.8	0.76 J
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	0.095 J	2.2	0.41 J
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	0.18 J	3.0	1.1 J
1,4-Dichlorobenzene	0.50	0.21 J	3.0	1.3 J
alpha-Chlorotoluene	0.50	0.10 J	2.6	0.53 J
1,2-Dichlorobenzene	0.50	0.14 J	3.0	0.87 J
1,2,4-Trichlorobenzene	2.0	0.61 J	15	4.5 J
Hexachlorobutadiene	2.0	0.21 J	21	2.3 J
Butane	2.0	Not Detected	4.8	Not Detected
Isopentane	2.0	Not Detected	5.9	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: Lab Blank

Lab ID#: I305226A-10B

EPA METHOD TO-15 GC/MS

File Name:	**14051605a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/13 10:17 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 114	5.0	Not Detected	35	Not Detected
Chloromethane	20	Not Detected	41	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,3-Butadiene	5.0	Not Detected	11	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	20	Not Detected	53	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Ethanol	20	Not Detected	38	Not Detected
Freon 113	5.0	Not Detected	38	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
Acetone	20	Not Detected	48	Not Detected
2-Propanol	20	Not Detected	49	Not Detected
Carbon Disulfide	5.0	Not Detected	16	Not Detected
3-Chloropropene	20	Not Detected	63	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Hexane	5.0	Not Detected	18	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
2-Butanone (Methyl Ethyl Ketone)	20	Not Detected	59	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Tetrahydrofuran	5.0	Not Detected	15	Not Detected
Chloroform	5.0	Not Detected	24	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	27	Not Detected
Cyclohexane	5.0	Not Detected	17	Not Detected
Carbon Tetrachloride	5.0	Not Detected	31	Not Detected
2,2,4-Trimethylpentane	5.0	Not Detected	23	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Heptane	5.0	Not Detected	20	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,4-Dioxane	20	Not Detected	72	Not Detected
Bromodichloromethane	5.0	Not Detected	34	Not Detected
cis-1,3-Dichloropropene	5.0	Not Detected	23	Not Detected
4-Methyl-2-pentanone	5.0	Not Detected	20	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
trans-1,3-Dichloropropene	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
2-Hexanone	20	Not Detected	82	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1305226A-10B

EPA METHOD TO-15 GC/MS

File Name:	**14051605a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/13 10:17 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	5.0	Not Detected	42	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	38	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Styrene	5.0	Not Detected	21	Not Detected
Bromoform	5.0	Not Detected	52	Not Detected
Cumene	5.0	Not Detected	24	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	34	Not Detected
Propylbenzene	5.0	Not Detected	24	Not Detected
4-Ethyltoluene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
alpha-Chlorotoluene	5.0	Not Detected	26	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2,4-Trichlorobenzene	20	Not Detected	150	Not Detected
Hexachlorobutadiene	20	Not Detected	210	Not Detected
Butane	20	Not Detected	48	Not Detected
Isopentane	20	Not Detected	59	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: CCV

Lab ID#: 1305226A-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3051402	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/14/13 08:50 AM	

Compound	%Recovery
Freon 12	103
Freon 114	109
Chloromethane	109
Vinyl Chloride	102
1,3-Butadiene	106
Bromomethane	103
Chloroethane	105
Freon 11	105
Ethanol	113
Freon 113	111
1,1-Dichloroethene	115
Acetone	105
2-Propanol	112
Carbon Disulfide	106
3-Chloropropene	112
Methylene Chloride	100
Methyl tert-butyl ether	119
trans-1,2-Dichloroethene	111
Hexane	113
1,1-Dichloroethane	101
2-Butanone (Methyl Ethyl Ketone)	104
cis-1,2-Dichloroethene	106
Tetrahydrofuran	100
Chloroform	99
1,1,1-Trichloroethane	101
Cyclohexane	110
Carbon Tetrachloride	102
2,2,4-Trimethylpentane	102
Benzene	100
1,2-Dichloroethane	101
Heptane	109
Trichloroethene	98
1,2-Dichloropropane	88
1,4-Dioxane	97
Bromodichloromethane	97
cis-1,3-Dichloropropene	101
4-Methyl-2-pentanone	100
Toluene	96
trans-1,3-Dichloropropene	111
1,1,2-Trichloroethane	105
Tetrachloroethene	114
2-Hexanone	110

Client Sample ID: CCV

Lab ID#: 1305226A-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3051402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/14/13 08:50 AM**	

Compound	%Recovery
Dibromochloromethane	112
1,2-Dibromoethane (EDB)	108
Chlorobenzene	104
Ethyl Benzene	114
m,p-Xylene	115
o-Xylene	116
Styrene	115
Bromoform	119
Cumene	122
1,1,2,2-Tetrachloroethane	94
Propylbenzene	110
4-Ethyltoluene	117
1,3,5-Trimethylbenzene	120
1,2,4-Trimethylbenzene	130
1,3-Dichlorobenzene	112
1,4-Dichlorobenzene	114
alpha-Chlorotoluene	116
1,2-Dichlorobenzene	111
1,2,4-Trichlorobenzene	120
Hexachlorobutadiene	123
Butane	108
Isopentane	106

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: CCV
Lab ID#: 1305226A-11B
EPA METHOD TO-15 GC/MS

File Name:	**14051602**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/13 08:54 AM**	

Compound	%Recovery
Freon 12	120
Freon 114	109
Chloromethane	119
Vinyl Chloride	88
1,3-Butadiene	85
Bromomethane	101
Chloroethane	108
Freon 11	118
Ethanol	109
Freon 113	101
1,1-Dichloroethene	112
Acetone	105
2-Propanol	104
Carbon Disulfide	102
3-Chloropropene	98
Methylene Chloride	120
Methyl tert-butyl ether	95
trans-1,2-Dichloroethene	108
Hexane	108
1,1-Dichloroethane	113
2-Butanone (Methyl Ethyl Ketone)	102
cis-1,2-Dichloroethene	107
Tetrahydrofuran	116
Chloroform	113
1,1,1-Trichloroethane	113
Cyclohexane	106
Carbon Tetrachloride	117
2,2,4-Trimethylpentane	110
Benzene	118
1,2-Dichloroethane	131 Q
Heptane	115
Trichloroethene	114
1,2-Dichloropropane	115
1,4-Dioxane	108
Bromodichloromethane	122
cis-1,3-Dichloropropene	101
4-Methyl-2-pentanone	110
Toluene	110
trans-1,3-Dichloropropene	106
1,1,2-Trichloroethane	115
Tetrachloroethene	111
2-Hexanone	107

Client Sample ID: CCV
Lab ID#: 1305226A-11B
EPA METHOD TO-15 GC/MS

File Name:	**14051602**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/13 08:54 AM**	

Compound	%Recovery
Dibromochloromethane	124
1,2-Dibromoethane (EDB)	116
Chlorobenzene	108
Ethyl Benzene	111
m,p-Xylene	112
o-Xylene	111
Styrene	118
Bromoform	125
Cumene	116
1,1,2,2-Tetrachloroethane	119
Propylbenzene	120
4-Ethyltoluene	124
1,3,5-Trimethylbenzene	122
1,2,4-Trimethylbenzene	118
1,3-Dichlorobenzene	112
1,4-Dichlorobenzene	114
alpha-Chlorotoluene	121
1,2-Dichlorobenzene	110
1,2,4-Trichlorobenzene	92
Hexachlorobutadiene	98
Butane	98
Isopentane	113

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	105	70-130
4-Bromofluorobenzene	104	70-130

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Client Sample ID: LCS

Lab ID#: 1305226A-12A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3051403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/14/13 09:27 AM**	

Compound	%Recovery
Freon 12	107
Freon 114	112
Chloromethane	120
Vinyl Chloride	110
1,3-Butadiene	111
Bromomethane	104
Chloroethane	108
Freon 11	106
Ethanol	111
Freon 113	113
1,1-Dichloroethene	124
Acetone	108
2-Propanol	115
Carbon Disulfide	132 Q
3-Chloropropene	130
Methylene Chloride	102
Methyl tert-butyl ether	124
trans-1,2-Dichloroethene	128
Hexane	113
1,1-Dichloroethane	103
2-Butanone (Methyl Ethyl Ketone)	109
cis-1,2-Dichloroethene	107
Tetrahydrofuran	103
Chloroform	102
1,1,1-Trichloroethane	105
Cyclohexane	113
Carbon Tetrachloride	104
2,2,4-Trimethylpentane	103
Benzene	102
1,2-Dichloroethane	100
Heptane	111
Trichloroethene	100
1,2-Dichloropropane	90
1,4-Dioxane	96
Bromodichloromethane	98
cis-1,3-Dichloropropene	101
4-Methyl-2-pentanone	99
Toluene	97
trans-1,3-Dichloropropene	114
1,1,2-Trichloroethane	107
Tetrachloroethene	116
2-Hexanone	112

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Client Sample ID: LCS

Lab ID#: 1305226A-12A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3051403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/14/13 09:27 AM**	

Compound	%Recovery
Dibromochloromethane	114
1,2-Dibromoethane (EDB)	111
Chlorobenzene	108
Ethyl Benzene	116
m,p-Xylene	120
o-Xylene	120
Styrene	121
Bromoform	118
Cumene	126
1,1,2,2-Tetrachloroethane	99
Propylbenzene	113
4-Ethyltoluene	113
1,3,5-Trimethylbenzene	122
1,2,4-Trimethylbenzene	131 Q
1,3-Dichlorobenzene	114
1,4-Dichlorobenzene	116
alpha-Chlorotoluene	116
1,2-Dichlorobenzene	114
1,2,4-Trichlorobenzene	121
Hexachlorobutadiene	125
Butane	108
Isopentane	107

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	104	70-130

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Client Sample ID: LCSD

Lab ID#: 1305226A-12AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3051404**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/14/13 09:53 AM**	

Compound	%Recovery
Freon 12	103
Freon 114	108
Chloromethane	116
Vinyl Chloride	105
1,3-Butadiene	108
Bromomethane	103
Chloroethane	102
Freon 11	104
Ethanol	109
Freon 113	110
1,1-Dichloroethene	121
Acetone	107
2-Propanol	114
Carbon Disulfide	128
3-Chloropropene	128
Methylene Chloride	100
Methyl tert-butyl ether	121
trans-1,2-Dichloroethene	123
Hexane	112
1,1-Dichloroethane	102
2-Butanone (Methyl Ethyl Ketone)	105
cis-1,2-Dichloroethene	107
Tetrahydrofuran	100
Chloroform	99
1,1,1-Trichloroethane	101
Cyclohexane	109
Carbon Tetrachloride	101
2,2,4-Trimethylpentane	101
Benzene	99
1,2-Dichloroethane	100
Heptane	108
Trichloroethene	99
1,2-Dichloropropane	91
1,4-Dioxane	97
Bromodichloromethane	97
cis-1,3-Dichloropropene	101
4-Methyl-2-pentanone	98
Toluene	96
trans-1,3-Dichloropropene	111
1,1,2-Trichloroethane	105
Tetrachloroethene	114
2-Hexanone	109

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Client Sample ID: LCSD

Lab ID#: 1305226A-12AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3051404	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/14/13 09:53 AM

Compound	%Recovery
Dibromochloromethane	111
1,2-Dibromoethane (EDB)	109
Chlorobenzene	104
Ethyl Benzene	113
m,p-Xylene	117
o-Xylene	118
Styrene	118
Bromoform	114
Cumene	123
1,1,2,2-Tetrachloroethane	96
Propylbenzene	111
4-Ethyltoluene	112
1,3,5-Trimethylbenzene	121
1,2,4-Trimethylbenzene	129
1,3-Dichlorobenzene	112
1,4-Dichlorobenzene	112
alpha-Chlorotoluene	113
1,2-Dichlorobenzene	112
1,2,4-Trichlorobenzene	119
Hexachlorobutadiene	122
Butane	103
Isopentane	105

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: LCS
Lab ID#: 1305226A-12B
EPA METHOD TO-15 GC/MS

File Name:	**14051603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/13 09:29 AM**	

Compound	%Recovery
Freon 12	124
Freon 114	114
Chloromethane	132 Q
Vinyl Chloride	97
1,3-Butadiene	90
Bromomethane	116
Chloroethane	106
Freon 11	124
Ethanol	104
Freon 113	104
1,1-Dichloroethene	125
Acetone	110
2-Propanol	102
Carbon Disulfide	130
3-Chloropropene	108
Methylene Chloride	122
Methyl tert-butyl ether	93
trans-1,2-Dichloroethene	121
Hexane	103
1,1-Dichloroethane	115
2-Butanone (Methyl Ethyl Ketone)	100
cis-1,2-Dichloroethene	108
Tetrahydrofuran	104
Chloroform	119
1,1,1-Trichloroethane	116
Cyclohexane	103
Carbon Tetrachloride	120
2,2,4-Trimethylpentane	105
Benzene	119
1,2-Dichloroethane	132 Q
Heptane	109
Trichloroethene	119
1,2-Dichloropropane	116
1,4-Dioxane	101
Bromodichloromethane	121
cis-1,3-Dichloropropene	97
4-Methyl-2-pentanone	97
Toluene	110
trans-1,3-Dichloropropene	100
1,1,2-Trichloroethane	116
Tetrachloroethene	112
2-Hexanone	93

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Client Sample ID: LCS
Lab ID#: 1305226A-12B
EPA METHOD TO-15 GC/MS

File Name:	**14051603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/13 09:29 AM**	

Compound	%Recovery
Dibromochloromethane	120
1,2-Dibromoethane (EDB)	114
Chlorobenzene	114
Ethyl Benzene	107
m,p-Xylene	108
o-Xylene	105
Styrene	113
Bromoform	118
Cumene	112
1,1,2,2-Tetrachloroethane	123
Propylbenzene	118
4-Ethyltoluene	114
1,3,5-Trimethylbenzene	121
1,2,4-Trimethylbenzene	108
1,3-Dichlorobenzene	114
1,4-Dichlorobenzene	113
alpha-Chlorotoluene	105
1,2-Dichlorobenzene	116
1,2,4-Trichlorobenzene	98
Hexachlorobutadiene	111
Butane	99
Isopentane	116

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	111	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	104	70-130

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Client Sample ID: LCSD
Lab ID#: 1305226A-12BB
EPA METHOD TO-15 GC/MS

File Name:	**14051604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/13 09:48 AM**	

Compound	%Recovery
Freon 12	121
Freon 114	109
Chloromethane	126
Vinyl Chloride	91
1,3-Butadiene	86
Bromomethane	113
Chloroethane	104
Freon 11	119
Ethanol	99
Freon 113	106
1,1-Dichloroethene	122
Acetone	110
2-Propanol	102
Carbon Disulfide	128
3-Chloropropene	104
Methylene Chloride	120
Methyl tert-butyl ether	92
trans-1,2-Dichloroethene	120
Hexane	103
1,1-Dichloroethane	112
2-Butanone (Methyl Ethyl Ketone)	98
cis-1,2-Dichloroethene	106
Tetrahydrofuran	104
Chloroform	117
1,1,1-Trichloroethane	113
Cyclohexane	100
Carbon Tetrachloride	114
2,2,4-Trimethylpentane	102
Benzene	117
1,2-Dichloroethane	130
Heptane	108
Trichloroethene	112
1,2-Dichloropropane	116
1,4-Dioxane	98
Bromodichloromethane	120
cis-1,3-Dichloropropene	98
4-Methyl-2-pentanone	95
Toluene	108
trans-1,3-Dichloropropene	98
1,1,2-Trichloroethane	111
Tetrachloroethene	110
2-Hexanone	91

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Client Sample ID: LCSD
Lab ID#: 1305226A-12BB
EPA METHOD TO-15 GC/MS

File Name:	**14051604**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/13 09:48 AM**

Compound	%Recovery
Dibromochloromethane	116
1,2-Dibromoethane (EDB)	115
Chlorobenzene	112
Ethyl Benzene	103
m,p-Xylene	108
o-Xylene	103
Styrene	111
Bromoform	117
Cumene	110
1,1,2,2-Tetrachloroethane	121
Propylbenzene	119
4-Ethyltoluene	113
1,3,5-Trimethylbenzene	121
1,2,4-Trimethylbenzene	108
1,3-Dichlorobenzene	111
1,4-Dichlorobenzene	115
alpha-Chlorotoluene	102
1,2-Dichlorobenzene	113
1,2,4-Trichlorobenzene	92
Hexachlorobutadiene	96
Butane	100
Isopentane	114

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	105	70-130

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SC&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian
INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 05/09/13
PAGE: 1 of 1
PO #:
SAP #: 3 4 0 0 6 1

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE -- ROXANA
State: IL
GLOBAL ID NO.:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300, ST. LOUIS, MO 63110
EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO.: 314-743-4179
E-MAIL: Elizabeth_Kunkel@URSCorp.com
CONSULTANT PROJECT NAME#: Roxana Soil Vapor
Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
C. Williams, B. Lehan, L. Rathnow, S. Fisher.
TELEPHONE: 314-429-0100
FAX: 314-429-0462
EDF Deliverable E-MAIL: Robert.Mooshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

Turn Around Time: ☑ Normal ☐ Rush ☐ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N2 He

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Hollium	ASTM D-1946					
01A	VMP-1-5-050813	05/08/13	930-1005	31786	-26.5	9			X	X						
02A	VMP-1-8.5-050813	05/08/13	1024-1057	12380	-26.5	-10			X	X						
03A	VMP-1-23.5-050813	05/08/13	1116-1148	37722	-26.5	-10.5			X	X						
04A	VMP-1-23.5-050813-Dup	05/08/13	1116-1148	24387	-26.5	-9.5			X	X						
05A	VMP-48-10-050813	05/08/13	1410-1448	35660	-30	-9			X	X						
06A	VMP-49-5-050713	05/07/13	1404-1433	12365	-30	-10.5			X	X						
07A	VMP-49-10-050713	05/07/13	1443-1521	34118	-30	-9.5			X	X						
08A	VMP-49-10-050713 Dup	05/07/13	1443-1521	37758	-30	-10			X	X						
09A	VMP-52-30-050813	05/06/13	1455-1532	34584	-30	-9.5			X	X						

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

FedEx
Custody Seal Intact?
(Y) N None Temp NA

1305226

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	FEDEX	5/9/13	1700
Relinquished by: (Signature)	Received by: (Signature) Katie Decker ATL	05/10/13	0945
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

05/2/00 Revision

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5/24/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305226B

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/10/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1305226B

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/10/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/24/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-1-5-050813	Modified ASTM D-1946	9.4 "Hg	14.2 psi
02A	VMP-1-8.5-050813	Modified ASTM D-1946	10 "Hg	15.2 psi
03A	VMP-1-23.5-050813	Modified ASTM D-1946	10.6 "Hg	14.8 psi
04A	VMP-1-23.5-050813-Dup	Modified ASTM D-1946	9.6 "Hg	14.4 psi
05A	VMP-48-10-050813	Modified ASTM D-1946	9.4 "Hg	14.9 psi
06A	VMP-49-5-050713	Modified ASTM D-1946	11 "Hg	15.3 psi
07A	VMP-49-10-050713	Modified ASTM D-1946	8.6 "Hg	14.2 psi
08A	VMP-49-10-050713 Dup	Modified ASTM D-1946	9.8 "Hg	14.9 psi
09A	VMP-52-30-050613	Modified ASTM D-1946	8.4 "Hg	14.5 psi
10A	Lab Blank	Modified ASTM D-1946	NA	NA
10B	Lab Blank	Modified ASTM D-1946	NA	NA
11A	LCS	Modified ASTM D-1946	NA	NA
11AA	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 05/24/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified ASTM D-1946
URS Corporation
Workorder# 1305226B

Nine 1 Liter Summa Canister samples were received on May 10, 2013. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane and fixed gases in air using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Since Nitrogen is used to pressurize samples, the reported Nitrogen values are calculated by adding all the sample components and subtracting from 100%.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*ASTM D-1946*	*ATL Modifications*
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connceted directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytieal variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

The reporting limit for Nitrogen was raised from 0.1% to 0.5%.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-1-5-050813

Lab ID#: 1305226B-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	16
Nitrogen	1.4	83
Methane	0.00029	0.000073 J
Carbon Dioxide	0.029	1.3
Helium	0.14	0.047 J

Client Sample ID: VMP-1-8.5-050813

Lab ID#: 1305226B-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	18
Nitrogen	1.5	80
Carbon Dioxide	0.030	2.4
Helium	0.15	0.032 J

Client Sample ID: VMP-1-23.5-050813

Lab ID#: 1305226B-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	11
Nitrogen	1.6	83
Methane	0.00031	0.020
Carbon Dioxide	0.031	6.2
Helium	0.16	0.032 J

Client Sample ID: VMP-1-23.5-050813-Dup

Lab ID#: 1305226B-04A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	11
Nitrogen	1.4	83
Methane	0.00029	0.021

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-1-23.5-050813-Dup

Lab ID#: 1305226B-04A

Carbon Dioxide	0.029	6.3
Helium	0.14	0.035 J

Client Sample ID: VMP-48-10-050813

Lab ID#: 1305226B-05A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	18
Nitrogen	1.5	80
Methane	0.00029	0.00011 J
Carbon Dioxide	0.029	2.0

Client Sample ID: VMP-49-5-050713

Lab ID#: 1305226B-06A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	21
Nitrogen	1.6	78
Carbon Dioxide	0.032	0.73

Client Sample ID: VMP-49-10-050713

Lab ID#: 1305226B-07A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	20
Nitrogen	1.4	79
Methane	0.00028	0.00014 J
Carbon Dioxide	0.028	0.99
Helium	0.14	0.029 J

Client Sample ID: VMP-49-10-050713 Dup

Lab ID#: 1305226B-08A

Compound	Rpt. Limit (%)	Amount (%)

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-49-10-050713 Dup

Lab ID#: 1305226B-08A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	20
Nitrogen	1.5	79
Methane	0.00030	0.00014 J
Carbon Dioxide	0.030	1.2
Helium	0.15	0.024 J

Client Sample ID: VMP-52-30-050613

Lab ID#: 1305226B-09A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	17
Nitrogen	1.4	78
Methane	0.00028	0.00011 J
Carbon Dioxide	0.028	4.9

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Client Sample ID: VMP-1-5-050813

Lab ID#: 1305226B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052005**	**Date of Collection:**	**5/8/13 10:05:00 AM**
Dil. Factor:	**2.86**	**Date of Analysis:**	**5/20/13 09:59 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	16
Nitrogen	1.4	83
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	0.000073 J
Carbon Dioxide	0.029	1.3
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.14	0.047 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-1-8.5-050813

Lab ID#: 1305226B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052006**	**Date of Collection:**	**5/8/13 10:57:00 AM**
Dil. Factor:	**3.05**	**Date of Analysis:**	**5/20/13 10:33 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	18
Nitrogen	1.5	80
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	Not Detected
Carbon Dioxide	0.030	2.4
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	0.032 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-1-23.5-050813

Lab ID#: 1305226B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052007**	**Date of Collection:**	**5/8/13 11:48:00 AM**
Dil. Factor:	**3.10**	**Date of Analysis:**	**5/20/13 10:58 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	11
Nitrogen	1.6	83
Carbon Monoxide	0.031	Not Detected
Methane	0.00031	0.020
Carbon Dioxide	0.031	6.2
Ethane	0.0031	Not Detected
Ethene	0.0031	Not Detected
Helium	0.16	0.032 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-1-23.5-050813-Dup

Lab ID#: 1305226B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10052008	Date of Collection:	5/8/13 11:48:00 AM
Dil. Factor:	2.91	Date of Analysis:	5/20/13 11:24 AM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	11
Nitrogen	1.4	83
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	0.021
Carbon Dioxide	0.029	6.3
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.14	0.035 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-48-10-050813

Lab ID#: 1305226B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052009**	**Date of Collection: 5/8/13 2:48:00 PM**	
Dil. Factor:	**2.93**	**Date of Analysis: 5/20/13 12:17 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	18
Nitrogen	1.5	80
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	0.00011 J
Carbon Dioxide	0.029	2.0
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.15	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-49-5-050713

Lab ID#: 1305226B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052011**	**Date of Collection:**	**5/7/13 2:33:00 PM**
Dil. Factor:	**3.22**	**Date of Analysis:**	**5/20/13 01:42 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	21
Nitrogen	1.6	78
Carbon Monoxide	0.032	Not Detected
Methane	0.00032	Not Detected
Carbon Dioxide	0.032	0.73
Ethane	0.0032	Not Detected
Ethene	0.0032	Not Detected
Helium	0.16	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-49-10-050713

Lab ID#: 1305226B-07A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052012**	**Date of Collection:**	**5/7/13 3:21:00 PM**
Dil. Factor:	**2.75**	**Date of Analysis:**	**5/20/13 02:09 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	20
Nitrogen	1.4	79
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	0.00014 J
Carbon Dioxide	0.028	0.99
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	0.029 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-49-10-050713 Dup

Lab ID#: 1305226B-08A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052013**	**Date of Collection:**	**5/7/13 3:21:00 PM**
Dil. Factor:	**2.99**	**Date of Analysis:**	**5/20/13 02:35 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	20
Nitrogen	1.5	79
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	0.00014 J
Carbon Dioxide	0.030	1.2
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	0.024 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-52-30-050613

Lab ID#: 1305226B-09A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052014**	**Date of Collection:**	**5/6/13 3:32:00 PM**
Dil. Factor:	**2.75**	**Date of Analysis:**	**5/20/13 03:11 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	17
Nitrogen	1.4	78
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	0.00011 J
Carbon Dioxide	0.028	4.9
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: Lab Blank

Lab ID#: 1305226B-10A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052004**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/20/13 09:24 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	0.015 J
Nitrogen	0.50	0.084 J
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected
Ethane	0.0010	Not Detected
Ethene	0.0010	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: Lab Blank

Lab ID#: I305226B-I0B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10052003c	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/20/13 08:59 AM	

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.050	Not Detected

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCS

Lab ID#: 1305226B-11A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052002**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/20/13 08:08 AM**

Compound	%Recovery
Oxygen	104
Nitrogen	100
Carbon Monoxide	97
Methane	100
Carbon Dioxide	101
Ethane	99
Ethene	99
Helium	100

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCSD

Lab ID#: 1305226B-11AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10052022	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/20/13 07:00 PM	

Compound	%Recovery
Oxygen	103
Nitrogen	100
Carbon Monoxide	99
Methane	99
Carbon Dioxide	100
Ethane	98
Ethene	98
Helium	99

Container Type: NA - Not Applicable

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SC&CH ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian
PO #:
INCIDENT # (ENV. SERVICES): 9 7 2 1 6 6 4 0
SAP #: 3 4 0 0 6 1
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 05/09/13
PAGE. 1 of 1

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA
State: IL
GLOBAL ID NO:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300, ST. LOUIS, MO 63110
EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO: 314-743-4179
E-MAIL: Elizabeth_Kunkel@URSCorp.com
CONSULTANT PROJECT NAME: Roxana Soil Vapor
Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
C. Williams, B. Lehan, L. Rathnow, S. Fisher.
TELEPHONE: 314-429-0100
FAX: 314-429-0462
On To Contact E-MAIL: Robert.Mooshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946				
01A	VMP-1-5-050813	05/08/13	930-1005	31786	-26.5	9			X	X					
02A	VMP-1-8.5-050813	05/08/13	1024-1057	12380	-26.5	-10			X	X					
03A	VMP-1-23.5-050813	05/08/13	1116-1148	37722	-26.5	-10.5			X	X					
04A	VMP-1-23.5-050813-Dup	05/08/13	1116-1148	24387	-26.5	-9.5			X	X					
05A	VMP-48-10-050813	05/08/13	1410-1446	35660	-30	-9			X	X					
06A	VMP-49-5-050713	05/07/13	1404-1433	12365	-30	-10.5			X	X					
07A	VMP-49-10-050713	05/07/13	1443-1521	34118	-30	-9.5			X	X					
08A	VMP-49-10-050713 Dup	05/07/13	1443-1521	37758	-30	-10			X	X					
09A	VMP-52-30-050813	05/06/13	1456-1532	34584	-30	-9.5			X	X					

Turn Around Time:
☑ Normal
☐ Rush
Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N2 He

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

FedEx
Custody Seal Intact?
(Y) N None Temp NA

1305226

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	FEDEX	5/9/13	1700
Relinquished by: (Signature)	Received by: (Signature) Katie Decker ATL	Date 05/10/13	Time 0945
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

02/2/00 Revision

Roxana Soil Vapor Quarterly – 2nd Quarter 2013 Data Review

Laboratory SDG: 1305228A,B

Data Reviewer: Melissa Mansker

Peer Reviewer: Elizabeth Kunkel

Date Reviewed: 6/21/2013

Guidance: USEPA National Functional Guidelines for Superfund Organic Methods Data Review 2008

Sample Identification	Sample Identification
VMP-2-42-050613	VMP-31-30-050713
VMP-32-30-050713	VMP-49-30-050813
VMP-50-30-050713	

1.0 Data Package Completeness

Were all items delivered as specified in the QAPP and COC as appropriate?

Yes

2.0 Laboratory Case Narrative \ Cooler Receipt Form

Were problems noted in the laboratory case narrative or cooler receipt form?

Yes, the laboratory case narrative indicated samples VMP-2-42-050613 and VMP-50-30-050713 were diluted and re-analyzed to bring the highest level target analytes within the calibration range of the instrument. Results for the highest level target analytes were reported from the re-analysis diluted runs and the remaining compounds were reported from the original analyses. Samples were diluted due to high levels of target analytes. Although not indicated in the laboratory case narrative, analytes were detected in the method blank. The TO-15 LCSD recovery for methyl tert-butyl ether was outside evaluation criteria. Results for acetone in samples may be biased high due to co-elution with a non-target analyte. These issues are addressed further in the appropriate sections below.

No issues or discrepancies were noted in the cooler receipt form.

3.0 Holding Times

Were samples extracted/analyzed within applicable limits?

Yes

4.0 Blank Contamination

Were any analytes detected in the Blanks?

Yes

Blank ID	Parameter	Analyte	Concentration/ Amount
1305228A-06A	TO-15	Benzene	0.093 ppbv / 0.30 µg/m^3
1305228A-06A	TO-15	Toluene	0.15 ppbv / 0.55 µg/m^3
1305228A-06A	TO-15	1,2-Dibromoethane (EDB)	0.088 ppbv / 0.67 µg/m^3

Blank ID	Parameter	Analyte	Concentration/ Amount
1305228A-06A	TO-15	m,p-Xylene	0.22 ppbv / 0.95 µg/m^3
1305228A-06A	TO-15	Bromoform	0.095 ppbv / 0.98 µg/m^3
1305228A-06A	TO-15	1,1,2,2-Tetrachloroethane	0.15 ppbv / 1.0 µg/m^3
1305228A-06A	TO-15	4-Ethyltoluene	0.15 ppbv / 0.74 µg/m^3
1305228A-06A	TO-15	1,2,4-Trimethylbenzene	0.17 ppbv / 0.82 µg/m^3
1305228A-06A	TO-15	1,3-Dichlorobenzene	0.17 ppbv / 1.0 µg/m^3
1305228A-06A	TO-15	1,4-Dichlorobenzene	0.22 ppbv / 1.3 µg/m^3
1305228A-06A	TO-15	alpha-Chlorotoluene	0.15 ppbv / 0.78 µg/m^3
1305228A-06A	TO-15	1,2-Dichlorobenzene	0.21 ppbv / 1.3 µg/m^3
1305228A-06A	TO-15	1,2,4-Trichlorobenzene	0.64 ppbv / 4.7 µg/m^3
1305228A-06B	TO-15	1,2-Dibromoethane (EDB)	0.085 ppbv / 0.66 µg/m^3
1305228A-06B	TO-15	Bromoform	0.11 ppbv / 1.1 µg/m^3
1305228A-06B	TO-15	1,1,2,2-Tetrachloroethane	0.12 ppbv / 0.84 µg/m^3
1305228A-06B	TO-15	1,3-Dichlorobenzene	0.17 ppbv / 1.0 µg/m^3
1305228A-06B	TO-15	1,4-Dichlorobenzene	0.20 ppbv / 1.2 µg/m^3
1305228A-06B	TO-15	alpha-Chlorotoluene	0.16 ppbv / 0.82 µg/m^3
1305228A-06B	TO-15	1,2-Dichlorobenzene	0.18 ppbv / 1.1 µg/m^3
1305228A-06B	TO-15	1,2,4-Trichlorobenzene	0.051 ppbv / 3.8 µg/m^3
1305228B-06A	Natural gases	Oxygen	0.015%
1305228B-06A	Natural gases	Nitrogen	0.084%

Analytical data that were reported non-detect or at concentrations greater than five times (5X) the associated blank concentration did not require qualification. No qualification of data was required.

5.0 Laboratory Control Sample

Were LCS recoveries within evaluation criteria?

No

LCS/LCSD ID	Parameter	Analyte	LCS/LCSD Recovery	LCS/ LCSD RPD	LCS/LCSD /RPD Criteria
1305228A-08B/BB	TO-15	Methyl tert-butyl ether	70/**68**	3	70-130/25

Analytical data that required qualification based on LCS data are included in the table below.

Sample ID	Parameter	Analyte	Qualification
VMP-49-30-050813	TO-15	Methyl tert-butyl ether	**UJ**
VMP-50-30-050713	TO-15	Methyl tert-butyl ether	**UJ**

6.0 Surrogate Recoveries

Were surrogate recoveries within evaluation criteria?

Yes

7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

Were MS/MSD samples analyzed as part of this SDG?

MS/MSD samples are not applicable for vapor samples, due to the inability to spike the samples.

8.0 Laboratory Duplicate Results

Were laboratory duplicate samples collected as part of this SDG?

No

9.0 Field Duplicate Results

Were field duplicate samples collected as part of this SDG?

No

10.0 Sample Dilutions

For samples that were diluted and nondetect, were undiluted results also reported?

Not applicable; analytes were detected in samples that were diluted.

11.0 Additional Qualifications

Were additional qualifications applied?

Yes, results for acetone in samples may be biased high due to co-elution with a non-target analyte. Qualification of acetone in these samples is included in the table below.

Sample ID	Parameter	Analyte	Qualification
VMP-2-42-050613	TO-15	Acetone	**J**
VMP-31-30-050713	TO-15	Acetone	**J**
VMP-32-30-050713	TO-15	Acetone	**J**
VMP-49-30-050813	TO-15	Acetone	**J**
VMP-50-30-050713	TO-15	Acetone	**J**

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5/22/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305228A

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/10/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

Reviewed on 6/21/2013

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WORK ORDER #: 1305228A

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/10/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/22/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-2-42-050613	Modified TO-15	8.2 "Hg	14.7 psi
01B	VMP-2-42-050613	Modified TO-15	8.2 "Hg	14.7 psi
02A	VMP-31-30-050713	Modified TO-15	9.6 "Hg	15 psi
03A	VMP-32-30-050713	Modified TO-15	9.2 "Hg	14.9 psi
04A	VMP-49-30-050813	Modified TO-15	11.6 "Hg	14.5 psi
05A	VMP-50-30-050713	Modified TO-15	10.4 "Hg	14.8 psi
05B	VMP-50-30-050713	Modified TO-15	10.4 "Hg	14.8 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA
08BB	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 05/22/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
URS Corporation
Workorder# 1305228A

Five 1 Liter Summa Canister samples were received on May 10, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per client project requirements, the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified (0.2 ppbv for compounds reported at 0.5 ppbv and 0.8 ppbv for compounds reported at 2.0 ppbv) may be false positives.

Due to high-level target compounds, samples VMP-2-42-050613 and VMP-50-30-050713 were analyzed twice. In the "A" fraction, the sample was diluted to bring the highest-level compounds within the calibration range. The "B" fraction is also reported by client request and may be reported with "E" flags indicating the compound exceeds the calibration range. Both runs and associated QC are reported.

Dilution was performed on all of the samples due to the presence of high level target species.

The reported results for Acetone in all of the samples may be biased high due to co-elution with a target compound with similar characteristic ions. Both the primary and secondary ions for Acetone exhibited potential interference.

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-2-42-050613 * Use this results only. All other data was reported from the 11000x dilution analysis.

Lab ID#: 1305228A-01A

DF = 55000

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	280000	320000	650000	760000
Hexane	28000	18000 J	97000	64000 J
Cyclohexane	28000	19000 J	95000	65000 J
2,2,4-Trimethylpentane	28000	190000	130000	880000
* Butane	110000	6400000	260000	15000000
* Isopentane	110000	4500000	320000	13000000

Client Sample ID: VMP-2-42-050613 * Do not use this data. Use other data.

Lab ID#: 1305228A-01B

DF = 11000

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	55000	370000 J	130000	880000 J
Hexane	5500	24000	19000	85000
Cyclohexane	5500	24000	19000	82000
2,2,4-Trimethylpentane	5500	240000	26000	1100000
Benzene	5500	2400 J	18000	7700 J
Heptane	5500	6700	22000	27000
* ~~Butane~~	~~22000~~	~~7400000 E~~	~~52000~~	~~18000000 E~~
* ~~Isopentane~~	~~22000~~	~~5200000 E~~	~~65000~~	~~15000000 E~~

Client Sample ID: VMP-31-30-050713

Lab ID#: 1305228A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	120000	220000 J	280000	540000 J
Hexane	12000	690000	42000	2400000
Cyclohexane	12000	26000	41000	89000
2,2,4-Trimethylpentane	12000	440000	56000	2100000
Benzene	12000	14000	38000	45000
Heptane	12000	46000	49000	190000
Toluene	12000	19000	45000	72000
Ethyl Benzene	12000	18000	52000	77000
m,p-Xylene	12000	35000	52000	150000

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-31-30-050713

Lab ID#: 1305228A-02A

o-Xylene	12000	10000 J	52000	43000 J
4-Ethyltoluene	12000	5200 J	58000	26000 J
1,2,4-Trimethylbenzene	12000	4100 J	58000	20000 J
Butane	48000	3200000	110000	7700000
Isopentane	48000	3100000	140000	9200000

Client Sample ID: VMP-32-30-050713

Lab ID#: 1305228A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	14000	23000 J	34000	55000 J
2-Propanol	5800	1700 J	14000	4100 J
Hexane	1400	230000	5100	820000
Cyclohexane	1400	130000	5000	460000
2,2,4-Trimethylpentane	1400	320000	6800	1500000
Benzene	1400	13000	4600	41000
Heptane	1400	340000	5900	1400000
Toluene	1400	28000	5500	100000
Ethyl Benzene	1400	22000	6300	95000
m,p-Xylene	1400	41000	6300	180000
o-Xylene	1400	8600	6300	37000
Styrene	1400	590 J	6200	2500 J
Cumene	1400	760 J	7100	3800 J
Propylbenzene	1400	860 J	7100	4200 J
4-Ethyltoluene	1400	5800	7100	29000
1,3,5-Trimethylbenzene	1400	1700	7100	8400
1,2,4-Trimethylbenzene	1400	3000	7100	15000
Butane	5800	150000	14000	350000
Isopentane	5800	250000	17000	730000

Client Sample ID: VMP-49-30-050813

Lab ID#: 1305228A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-49-30-050813

Lab ID#: 1305228A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	1300	1900 J	3100	4400 J
Hexane	130	84 J	460	300 J
Cyclohexane	130	72 J	440	250 J
2,2,4-Trimethylpentane	130	13000	600	60000
Butane	520	6200	1200	15000
Isopentane	520	28000	1500	84000

Client Sample ID: VMP-50-30-050713 * Use these results only. All other data was reported from the 154ox dilution analysis

Lab ID#: 1305228A-05A

DF = 2650

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	10000	22000	24000	51000
* Hexane	1000	360000	3600	1300000
1,1-Dichloroethane	1000	340 J	4100	1400 J
Cyclohexane	1000	110000	3500	370000
2,2,4-Trimethylpentane	1000	170000	4800	810000
Benzene	1000	30000	3300	97000
Heptane	1000	190000	4200	780000
* Toluene	1000	340000	3900	1300000
Ethyl Benzene	1000	90000	4400	390000
m,p-Xylene	1000	240000	4400	1100000
o-Xylene	1000	110000	4400	460000
Styrene	1000	290 J	4400	1200 J
Cumene	1000	10000	5000	50000
Propylbenzene	1000	33000	5000	160000
4-Ethyltoluene	1000	170000	5000	850000
1,3,5-Trimethylbenzene	1000	57000	5000	280000
1,2,4-Trimethylbenzene	1000	200000	5000	980000
Butane	4100	130000	9700	300000
* Isopentane	4100	320000	12000	960000

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-50-30-050713 * Do not use this data. Use all other data

Lab ID#: 1305228A-05B

DF = 154

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	7700	24000 J	18000	56000 J
* ~~Hexane~~	~~770~~	~~400000 E~~	~~2700~~	~~1400000 E~~
Cyclohexane	770	120000	2600	400000
2,2,4-Trimethylpentane	770	190000	3600	900000
Benzene	770	33000	2400	100000
Heptane	770	210000	3200	870000
* ~~Toluene~~	~~770~~	~~390000 E~~	~~2900~~	~~1400000 E~~
Ethyl Benzene	770	100000	3300	440000
m,p-Xylene	770	280000	3300	1200000
o-Xylene	770	120000	3300	530000
Styrene	770	380 J	3300	1600 J
Cumene	770	11000	3800	56000
Propylbenzene	770	39000	3800	190000
4-Ethyltoluene	770	200000	3800	1000000
1,3,5-Trimethylbenzene	770	67000	3800	330000
1,2,4-Trimethylbenzene	770	230000	3800	1200000
Butane	3100	130000	7300	320000
* ~~Isopentane~~	~~3100~~	~~350000 E~~	~~9100~~	~~1000000 E~~

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* Use these results only. All other data as reported from the 11000V dilution analysis

Client Sample ID: VMP-2-42-050613

Lab ID#: 1305228A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051511**	**Date of Collection:**	**5/6/13 12:04:00 PM**
Dil. Factor:	**55000**	**Date of Analysis:**	**5/15/13 05:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	28000	Not Detected	140000	Not Detected
Freon 114	28000	Not Detected	190000	Not Detected
Chloromethane	280000	Not Detected	570000	Not Detected
Vinyl Chloride	28000	Not Detected	70000	Not Detected
1,3-Butadiene	28000	Not Detected	61000	Not Detected
Bromomethane	280000	Not Detected	1100000	Not Detected
Chloroethane	110000	Not Detected	290000	Not Detected
Freon 11	28000	Not Detected	150000	Not Detected
Ethanol	110000	Not Detected	210000	Not Detected
Freon 113	28000	Not Detected	210000	Not Detected
1,1-Dichloroethene	28000	Not Detected	110000	Not Detected
Acetone	280000	320000	650000	760000
2-Propanol	110000	Not Detected	270000	Not Detected
Carbon Disulfide	110000	Not Detected	340000	Not Detected
3-Chloropropene	110000	Not Detected	340000	Not Detected
Methylene Chloride	280000	Not Detected	960000	Not Detected
Methyl tert-butyl ether	28000	Not Detected	99000	Not Detected
trans-1,2-Dichloroethene	28000	Not Detected	110000	Not Detected
Hexane	28000	18000 J	97000	64000 J
1,1-Dichloroethane	28000	Not Detected	110000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	110000	Not Detected	320000	Not Detected
cis-1,2-Dichloroethene	28000	Not Detected	110000	Not Detected
Tetrahydrofuran	28000	Not Detected	81000	Not Detected
Chloroform	28000	Not Detected	130000	Not Detected
1,1,1-Trichloroethane	28000	Not Detected	150000	Not Detected
Cyclohexane	28000	19000 J	95000	65000 J
Carbon Tetrachloride	28000	Not Detected	170000	Not Detected
2,2,4-Trimethylpentane	28000	190000	130000	880000
Benzene	28000	Not Detected	88000	Not Detected
1,2-Dichloroethane	28000	Not Detected	110000	Not Detected
Heptane	28000	Not Detected	110000	Not Detected
Trichloroethene	28000	Not Detected	150000	Not Detected
1,2-Dichloropropane	28000	Not Detected	130000	Not Detected
1,4-Dioxane	110000	Not Detected	400000	Not Detected
Bromodichloromethane	28000	Not Detected	180000	Not Detected
cis-1,3-Dichloropropene	28000	Not Detected	120000	Not Detected
4-Methyl-2-pentanone	28000	Not Detected	110000	Not Detected
Toluene	28000	Not Detected	100000	Not Detected
trans-1,3-Dichloropropene	28000	Not Detected	120000	Not Detected
1,1,2-Trichloroethane	28000	Not Detected	150000	Not Detected
Tetrachloroethene	28000	Not Detected	190000	Not Detected
2-Hexanone	110000	Not Detected	450000	Not Detected

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Client Sample ID: VMP-2-42-050613

Lab ID#: 1305228A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051511**	**Date of Collection:**	**5/6/13 12:04:00 PM**
Dil. Factor:	**55000**	**Date of Analysis:**	**5/15/13 05:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	28000	Not Detected	230000	Not Detected
1,2-Dibromoethane (EDB)	28000	Not Detected	210000	Not Detected
Chlorobenzene	28000	Not Detected	130000	Not Detected
Ethyl Benzene	28000	Not Detected	120000	Not Detected
m,p-Xylene	28000	Not Detected	120000	Not Detected
o-Xylene	28000	Not Detected	120000	Not Detected
Styrene	28000	Not Detected	120000	Not Detected
Bromoform	28000	Not Detected	280000	Not Detected
Cumene	28000	Not Detected	140000	Not Detected
1,1,2,2-Tetrachloroethane	28000	Not Detected	190000	Not Detected
Propylbenzene	28000	Not Detected	140000	Not Detected
4-Ethyltoluene	28000	Not Detected	140000	Not Detected
1,3,5-Trimethylbenzene	28000	Not Detected	140000	Not Detected
1,2,4-Trimethylbenzene	28000	Not Detected	140000	Not Detected
1,3-Dichlorobenzene	28000	Not Detected	160000	Not Detected
1,4-Dichlorobenzene	28000	Not Detected	160000	Not Detected
alpha-Chlorotoluene	28000	Not Detected	140000	Not Detected
1,2-Dichlorobenzene	28000	Not Detected	160000	Not Detected
1,2,4-Trichlorobenzene	110000	Not Detected	820000	Not Detected
Hexachlorobutadiene	110000	Not Detected	1200000	Not Detected
Butane	110000	6400000	260000	15000000
Isopentane	110000	4500000	320000	13000000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: VMP-2-42-050613

Lab ID#: 1305228A-01B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051517**	**Date of Collection: 5/6/13 12:04:00 PM**	
Dil. Factor:	**11000**	**Date of Analysis: 5/15/13 10:06 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	5500	Not Detected	27000	Not Detected
Freon 114	5500	Not Detected	38000	Not Detected
Chloromethane	55000	Not Detected	110000	Not Detected
Vinyl Chloride	5500	Not Detected	14000	Not Detected
1,3-Butadiene	5500	Not Detected	12000	Not Detected
Bromomethane	55000	Not Detected	210000	Not Detected
Chloroethane	22000	Not Detected	58000	Not Detected
Freon 11	5500	Not Detected	31000	Not Detected
Ethanol	22000	Not Detected	41000	Not Detected
Freon 113	5500	Not Detected	42000	Not Detected
1,1-Dichloroethene	5500	Not Detected	22000	Not Detected
Acetone	55000	370000 J	130000	880000 J
2-Propanol	22000	Not Detected	54000	Not Detected
Carbon Disulfide	22000	Not Detected	68000	Not Detected
3-Chloropropene	22000	Not Detected	69000	Not Detected
Methylene Chloride	55000	Not Detected	190000	Not Detected
Methyl tert-butyl ether	5500	Not Detected	20000	Not Detected
trans-1,2-Dichloroethene	5500	Not Detected	22000	Not Detected
Hexane	5500	24000	19000	85000
1,1-Dichloroethane	5500	Not Detected	22000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	22000	Not Detected	65000	Not Detected
cis-1,2-Dichloroethene	5500	Not Detected	22000	Not Detected
Tetrahydrofuran	5500	Not Detected	16000	Not Detected
Chloroform	5500	Not Detected	27000	Not Detected
1,1,1-Trichloroethane	5500	Not Detected	30000	Not Detected
Cyclohexane	5500	24000	19000	82000
Carbon Tetrachloride	5500	Not Detected	35000	Not Detected
2,2,4-Trimethylpentane	5500	240000	26000	1100000
Benzene	5500	2400 J	18000	7700 J
1,2-Dichloroethane	5500	Not Detected	22000	Not Detected
Heptane	5500	6700	22000	27000
Trichloroethene	5500	Not Detected	30000	Not Detected
1,2-Dichloropropane	5500	Not Detected	25000	Not Detected
1,4-Dioxane	22000	Not Detected	79000	Not Detected
Bromodichloromethane	5500	Not Detected	37000	Not Detected
cis-1,3-Dichloropropene	5500	Not Detected	25000	Not Detected
4-Methyl-2-pentanone	5500	Not Detected	22000	Not Detected
Toluene	5500	Not Detected	21000	Not Detected
trans-1,3-Dichloropropene	5500	Not Detected	25000	Not Detected
1,1,2-Trichloroethane	5500	Not Detected	30000	Not Detected
Tetrachloroethene	5500	Not Detected	37000	Not Detected
2-Hexanone	22000	Not Detected	90000	Not Detected

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Client Sample ID: VMP-2-42-050613

Lab ID#: 1305228A-01B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051517**	**Date of Collection: 5/6/13 12:04:00 PM**	
Dil. Factor:	**11000**	**Date of Analysis: 5/15/13 10:06 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	5500	Not Detected	47000	Not Detected
1,2-Dibromoethane (EDB)	5500	Not Detected	42000	Not Detected
Chlorobenzene	5500	Not Detected	25000	Not Detected
Ethyl Benzene	5500	Not Detected	24000	Not Detected
m,p-Xylene	5500	Not Detected	24000	Not Detected
o-Xylene	5500	Not Detected	24000	Not Detected
Styrene	5500	Not Detected	23000	Not Detected
Bromoform	5500	Not Detected	57000	Not Detected
Cumene	5500	Not Detected	27000	Not Detected
1,1,2,2-Tetrachloroethane	5500	Not Detected	38000	Not Detected
Propylbenzene	5500	Not Detected	27000	Not Detected
4-Ethyltoluene	5500	Not Detected	27000	Not Detected
1,3,5-Trimethylbenzene	5500	Not Detected	27000	Not Detected
1,2,4-Trimethylbenzene	5500	Not Detected	27000	Not Detected
1,3-Dichlorobenzene	5500	Not Detected	33000	Not Detected
1,4-Dichlorobenzene	5500	Not Detected	33000	Not Detected
alpha-Chlorotoluene	5500	Not Detected	28000	Not Detected
1,2-Dichlorobenzene	5500	Not Detected	33000	Not Detected
1,2,4-Trichlorobenzene	22000	Not Detected	160000	Not Detected
Hexachlorobutadiene	22000	Not Detected	230000	Not Detected
~~Butane~~	~~22000~~	~~7400000 E~~	~~52000~~	~~18000000 E~~
~~Isopentane~~	~~22000~~	~~5200000 E~~	~~65000~~	~~15000000 E~~

J = Estimated value.
E = Exceeds instrument calibration range.
Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	87	70-130
4-Bromofluorobenzene	90	70-130

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Client Sample ID: VMP-31-30-050713

Lab ID#: 1305228A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051513**	**Date of Collection:**	**5/7/13 3:05:00 PM**
Dil. Factor:	**23800**	**Date of Analysis:**	**5/15/13 06:36 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	12000	Not Detected	59000	Not Detected
Freon 114	12000	Not Detected	83000	Not Detected
Chloromethane	120000	Not Detected	240000	Not Detected
Vinyl Chloride	12000	Not Detected	30000	Not Detected
1,3-Butadiene	12000	Not Detected	26000	Not Detected
Bromomethane	120000	Not Detected	460000	Not Detected
Chloroethane	48000	Not Detected	120000	Not Detected
Freon 11	12000	Not Detected	67000	Not Detected
Ethanol	48000	Not Detected	90000	Not Detected
Freon 113	12000	Not Detected	91000	Not Detected
1,1-Dichloroethene	12000	Not Detected	47000	Not Detected
Acetone	120000	220000 J	280000	540000 J
2-Propanol	48000	Not Detected	120000	Not Detected
Carbon Disulfide	48000	Not Detected	150000	Not Detected
3-Chloropropene	48000	Not Detected	150000	Not Detected
Methylene Chloride	120000	Not Detected	410000	Not Detected
Methyl tert-butyl ether	12000	Not Detected	43000	Not Detected
trans-1,2-Dichloroethene	12000	Not Detected	47000	Not Detected
Hexane	12000	690000	42000	2400000
1,1-Dichloroethane	12000	Not Detected	48000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	48000	Not Detected	140000	Not Detected
cis-1,2-Dichloroethene	12000	Not Detected	47000	Not Detected
Tetrahydrofuran	12000	Not Detected	35000	Not Detected
Chloroform	12000	Not Detected	58000	Not Detected
1,1,1-Trichloroethane	12000	Not Detected	65000	Not Detected
Cyclohexane	12000	26000	41000	89000
Carbon Tetrachloride	12000	Not Detected	75000	Not Detected
2,2,4-Trimethylpentane	12000	440000	56000	2100000
Benzene	12000	14000	38000	45000
1,2-Dichloroethane	12000	Not Detected	48000	Not Detected
Heptane	12000	46000	49000	190000
Trichloroethene	12000	Not Detected	64000	Not Detected
1,2-Dichloropropane	12000	Not Detected	55000	Not Detected
1,4-Dioxane	48000	Not Detected	170000	Not Detected
Bromodichloromethane	12000	Not Detected	80000	Not Detected
cis-1,3-Dichloropropene	12000	Not Detected	54000	Not Detected
4-Methyl-2-pentanone	12000	Not Detected	49000	Not Detected
Toluene	12000	19000	45000	72000
trans-1,3-Dichloropropene	12000	Not Detected	54000	Not Detected
1,1,2-Trichloroethane	12000	Not Detected	65000	Not Detected
Tetrachloroethene	12000	Not Detected	81000	Not Detected
2-Hexanone	48000	Not Detected	190000	Not Detected

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Client Sample ID: VMP-31-30-050713

Lab ID#: 1305228A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051513**	**Date of Collection: 5/7/13 3:05:00 PM**	
Dil. Factor:	**23800**	**Date of Analysis: 5/15/13 06:36 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	12000	Not Detected	100000	Not Detected
1,2-Dibromoethane (EDB)	12000	Not Detected	91000	Not Detected
Chlorobenzene	12000	Not Detected	55000	Not Detected
Ethyl Benzene	12000	18000	52000	77000
m,p-Xylene	12000	35000	52000	150000
o-Xylene	12000	10000 J	52000	43000 J
Styrene	12000	Not Detected	51000	Not Detected
Bromoform	12000	Not Detected	120000	Not Detected
Cumene	12000	Not Detected	58000	Not Detected
1,1,2,2-Tetrachloroethane	12000	Not Detected	82000	Not Detected
Propylbenzene	12000	Not Detected	58000	Not Detected
4-Ethyltoluene	12000	5200 J	58000	26000 J
1,3,5-Trimethylbenzene	12000	Not Detected	58000	Not Detected
1,2,4-Trimethylbenzene	12000	4100 J	58000	20000 J
1,3-Dichlorobenzene	12000	Not Detected	72000	Not Detected
1,4-Dichlorobenzene	12000	Not Detected	72000	Not Detected
alpha-Chlorotoluene	12000	Not Detected	62000	Not Detected
1,2-Dichlorobenzene	12000	Not Detected	72000	Not Detected
1,2,4-Trichlorobenzene	48000	Not Detected	350000	Not Detected
Hexachlorobutadiene	48000	Not Detected	510000	Not Detected
Butane	48000	3200000	110000	7700000
Isopentane	48000	3100000	140000	9200000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	86	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: VMP-32-30-050713

Lab ID#: 1305228A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051515**	**Date of Collection: 5/7/13 11:55:00 AM**	
Dil. Factor:	**2900**	**Date of Analysis: 5/15/13 08:35 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1400	Not Detected	7200	Not Detected
Freon 114	1400	Not Detected	10000	Not Detected
Chloromethane	14000	Not Detected	30000	Not Detected
Vinyl Chloride	1400	Not Detected	3700	Not Detected
1,3-Butadiene	1400	Not Detected	3200	Not Detected
Bromomethane	14000	Not Detected	56000	Not Detected
Chloroethane	5800	Not Detected	15000	Not Detected
Freon 11	1400	Not Detected	8100	Not Detected
Ethanol	5800	Not Detected	11000	Not Detected
Freon 113	1400	Not Detected	11000	Not Detected
1,1-Dichloroethene	1400	Not Detected	5700	Not Detected
Acetone	14000	23000 J	34000	55000 J
2-Propanol	5800	1700 J	14000	4100 J
Carbon Disulfide	5800	Not Detected	18000	Not Detected
3-Chloropropene	5800	Not Detected	18000	Not Detected
Methylene Chloride	14000	Not Detected	50000	Not Detected
Methyl tert-butyl ether	1400	Not Detected	5200	Not Detected
trans-1,2-Dichloroethene	1400	Not Detected	5700	Not Detected
Hexane	1400	230000	5100	820000
1,1-Dichloroethane	1400	Not Detected	5900	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5800	Not Detected	17000	Not Detected
cis-1,2-Dichloroethene	1400	Not Detected	5700	Not Detected
Tetrahydrofuran	1400	Not Detected	4300	Not Detected
Chloroform	1400	Not Detected	7100	Not Detected
1,1,1-Trichloroethane	1400	Not Detected	7900	Not Detected
Cyclohexane	1400	130000	5000	460000
Carbon Tetrachloride	1400	Not Detected	9100	Not Detected
2,2,4-Trimethylpentane	1400	320000	6800	1500000
Benzene	1400	13000	4600	41000
1,2-Dichloroethane	1400	Not Detected	5900	Not Detected
Heptane	1400	340000	5900	1400000
Trichloroethene	1400	Not Detected	7800	Not Detected
1,2-Dichloropropane	1400	Not Detected	6700	Not Detected
1,4-Dioxane	5800	Not Detected	21000	Not Detected
Bromodichloromethane	1400	Not Detected	9700	Not Detected
cis-1,3-Dichloropropene	1400	Not Detected	6600	Not Detected
4-Methyl-2-pentanone	1400	Not Detected	5900	Not Detected
Toluene	1400	28000	5500	100000
trans-1,3-Dichloropropene	1400	Not Detected	6600	Not Detected
1,1,2-Trichloroethane	1400	Not Detected	7900	Not Detected
Tetrachloroethene	1400	Not Detected	9800	Not Detected
2-Hexanone	5800	Not Detected	24000	Not Detected

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Client Sample ID: VMP-32-30-050713

Lab ID#: 1305228A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051515**	**Date of Collection:**	**5/7/13 11:55:00 AM**
Dil. Factor:	**2900**	**Date of Analysis:**	**5/15/13 08:35 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1400	Not Detected	12000	Not Detected
1,2-Dibromoethane (EDB)	1400	Not Detected	11000	Not Detected
Chlorobenzene	1400	Not Detected	6700	Not Detected
Ethyl Benzene	1400	22000	6300	95000
m,p-Xylene	1400	41000	6300	180000
o-Xylene	1400	8600	6300	37000
Styrene	1400	590 J	6200	2500 J
Bromoform	1400	Not Detected	15000	Not Detected
Cumene	1400	760 J	7100	3800 J
1,1,2,2-Tetrachloroethane	1400	Not Detected	10000	Not Detected
Propylbenzene	1400	860 J	7100	4200 J
4-Ethyltoluene	1400	5800	7100	29000
1,3,5-Trimethylbenzene	1400	1700	7100	8400
1,2,4-Trimethylbenzene	1400	3000	7100	15000
1,3-Dichlorobenzene	1400	Not Detected	8700	Not Detected
1,4-Dichlorobenzene	1400	Not Detected	8700	Not Detected
alpha-Chlorotoluene	1400	Not Detected	7500	Not Detected
1,2-Dichlorobenzene	1400	Not Detected	8700	Not Detected
1,2,4-Trichlorobenzene	5800	Not Detected	43000	Not Detected
Hexachlorobutadiene	5800	Not Detected	62000	Not Detected
Butane	5800	150000	14000	350000
Isopentane	5800	250000	17000	730000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	93	70-130

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Client Sample ID: VMP-49-30-050813

Lab ID#: 1305228A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051606**	**Date of Collection: 5/8/13 3:31:00 PM**	
Dil. Factor:	**259**	**Date of Analysis: 5/16/13 06:00 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	130	Not Detected	640	Not Detected
Freon 114	130	Not Detected	900	Not Detected
Chloromethane	1300	Not Detected	2700	Not Detected
Vinyl Chloride	130	Not Detected	330	Not Detected
1,3-Butadiene	130	Not Detected	290	Not Detected
Bromomethane	1300	Not Detected	5000	Not Detected
Chloroethane	520	Not Detected	1400	Not Detected
Freon 11	130	Not Detected	730	Not Detected
Ethanol	520	Not Detected	980	Not Detected
Freon 113	130	Not Detected	990	Not Detected
1,1-Dichloroethene	130	Not Detected	510	Not Detected
Acetone	1300	1900 J	3100	4400 J
2-Propanol	520	Not Detected	1300	Not Detected
Carbon Disulfide	520	Not Detected	1600	Not Detected
3-Chloropropene	520	Not Detected	1600	Not Detected
Methylene Chloride	1300	Not Detected	4500	Not Detected
Methyl tert-butyl ether	130	Not Detected UJ	470	Not Detected UJ
trans-1,2-Dichloroethene	130	Not Detected	510	Not Detected
Hexane	130	84 J	460	300 J
1,1-Dichloroethane	130	Not Detected	520	Not Detected
2-Butanone (Methyl Ethyl Ketone)	520	Not Detected	1500	Not Detected
cis-1,2-Dichloroethene	130	Not Detected	510	Not Detected
Tetrahydrofuran	130	Not Detected	380	Not Detected
Chloroform	130	Not Detected	630	Not Detected
1,1,1-Trichloroethane	130	Not Detected	710	Not Detected
Cyclohexane	130	72 J	440	250 J
Carbon Tetrachloride	130	Not Detected	810	Not Detected
2,2,4-Trimethylpentane	130	13000	600	60000
Benzene	130	Not Detected	410	Not Detected
1,2-Dichloroethane	130	Not Detected	520	Not Detected
Heptane	130	Not Detected	530	Not Detected
Trichloroethene	130	Not Detected	700	Not Detected
1,2-Dichloropropane	130	Not Detected	600	Not Detected
1,4-Dioxane	520	Not Detected	1900	Not Detected
Bromodichloromethane	130	Not Detected	870	Not Detected
cis-1,3-Dichloropropene	130	Not Detected	590	Not Detected
4-Methyl-2-pentanone	130	Not Detected	530	Not Detected
Toluene	130	Not Detected	490	Not Detected
trans-1,3-Dichloropropene	130	Not Detected	590	Not Detected
1,1,2-Trichloroethane	130	Not Detected	710	Not Detected
Tetrachloroethene	130	Not Detected	880	Not Detected
2-Hexanone	520	Not Detected	2100	Not Detected

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Client Sample ID: VMP-49-30-050813

Lab ID#: 1305228A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051606**	**Date of Collection: 5/8/13 3:31:00 PM**	
Dil. Factor:	**259**	**Date of Analysis: 5/16/13 06:00 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	130	Not Detected	1100	Not Detected
1,2-Dibromoethane (EDB)	130	Not Detected	1000	Not Detected
Chlorobenzene	130	Not Detected	600	Not Detected
Ethyl Benzene	130	Not Detected	560	Not Detected
m,p-Xylene	130	Not Detected	560	Not Detected
o-Xylene	130	Not Detected	560	Not Detected
Styrene	130	Not Detected	550	Not Detected
Bromoform	130	Not Detected	1300	Not Detected
Cumene	130	Not Detected	640	Not Detected
1,1,2,2-Tetrachloroethane	130	Not Detected	890	Not Detected
Propylbenzene	130	Not Detected	640	Not Detected
4-Ethyltoluene	130	Not Detected	640	Not Detected
1,3,5-Trimethylbenzene	130	Not Detected	640	Not Detected
1,2,4-Trimethylbenzene	130	Not Detected	640	Not Detected
1,3-Dichlorobenzene	130	Not Detected	780	Not Detected
1,4-Dichlorobenzene	130	Not Detected	780	Not Detected
alpha-Chlorotoluene	130	Not Detected	670	Not Detected
1,2-Dichlorobenzene	130	Not Detected	780	Not Detected
1,2,4-Trichlorobenzene	520	Not Detected	3800	Not Detected
Hexachlorobutadiene	520	Not Detected	5500	Not Detected
Butane	520	6200	1200	15000
Isopentane	520	28000	1500	84000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	85	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: VMP-50-30-050713

Lab ID#: 1305228A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051608**	**Date of Collection:**	**5/7/13 12:28:00 PM**
Dil. Factor:	**2050**	**Date of Analysis:**	**5/16/13 07:52 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1000	Not Detected	5100	Not Detected
Freon 114	1000	Not Detected	7200	Not Detected
Chloromethane	10000	Not Detected	21000	Not Detected
Vinyl Chloride	1000	Not Detected	2600	Not Detected
1,3-Butadiene	1000	Not Detected	2300	Not Detected
Bromomethane	10000	Not Detected	40000	Not Detected
Chloroethane	4100	Not Detected	11000	Not Detected
Freon 11	1000	Not Detected	5800	Not Detected
Ethanol	4100	Not Detected	7700	Not Detected
Freon 113	1000	Not Detected	7800	Not Detected
1,1-Dichloroethene	1000	Not Detected	4100	Not Detected
Acetone	10000	22000	24000	51000
2-Propanol	4100	Not Detected	10000	Not Detected
Carbon Disulfide	4100	Not Detected	13000	Not Detected
3-Chloropropene	4100	Not Detected	13000	Not Detected
Methylene Chloride	10000	Not Detected	36000	Not Detected
Methyl tert-butyl ether	1000	Not Detected	3700	Not Detected
trans-1,2-Dichloroethene	1000	Not Detected	4100	Not Detected
* Hexane	1000	360000	3600	1300000
1,1-Dichloroethane	1000	340 J	4100	1400 J
2-Butanone (Methyl Ethyl Ketone)	4100	Not Detected	12000	Not Detected
cis-1,2-Dichloroethene	1000	Not Detected	4100	Not Detected
Tetrahydrofuran	1000	Not Detected	3000	Not Detected
Chloroform	1000	Not Detected	5000	Not Detected
1,1,1-Trichloroethane	1000	Not Detected	5600	Not Detected
Cyclohexane	1000	110000	3500	370000
Carbon Tetrachloride	1000	Not Detected	6400	Not Detected
2,2,4-Trimethylpentane	1000	170000	4800	810000
Benzene	1000	30000	3300	97000
1,2-Dichloroethane	1000	Not Detected	4100	Not Detected
Heptane	1000	190000	4200	780000
Trichloroethene	1000	Not Detected	5500	Not Detected
1,2-Dichloropropane	1000	Not Detected	4700	Not Detected
1,4-Dioxane	4100	Not Detected	15000	Not Detected
Bromodichloromethane	1000	Not Detected	6900	Not Detected
cis-1,3-Dichloropropene	1000	Not Detected	4600	Not Detected
4-Methyl-2-pentanone	1000	Not Detected	4200	Not Detected
* Toluene	1000	340000	3900	1300000
trans-1,3-Dichloropropene	1000	Not Detected	4600	Not Detected
1,1,2-Trichloroethane	1000	Not Detected	5600	Not Detected
Tetrachloroethene	1000	Not Detected	7000	Not Detected
2-Hexanone	4100	Not Detected	17000	Not Detected

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Client Sample ID: VMP-50-30-050713

Lab ID#: 1305228A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051608**	**Date of Collection: 5/7/13 12:28:00 PM**	
Dil. Factor:	**2050**	**Date of Analysis: 5/16/13 07:52 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1000	Not Detected	8700	Not Detected
1,2-Dibromoethane (EDB)	1000	Not Detected	7900	Not Detected
Chlorobenzene	1000	Not Detected	4700	Not Detected
Ethyl Benzene	1000	90000	4400	390000
m,p-Xylene	1000	240000	4400	1100000
o-Xylene	1000	110000	4400	460000
Styrene	1000	290 J	4400	1200 J
Bromoform	1000	Not Detected	10000	Not Detected
Cumene	1000	10000	5000	50000
1,1,2,2-Tetrachloroethane	1000	Not Detected	7000	Not Detected
Propylbenzene	1000	33000	5000	160000
4-Ethyltoluene	1000	170000	5000	850000
1,3,5-Trimethylbenzene	1000	57000	5000	280000
1,2,4-Trimethylbenzene	1000	200000	5000	980000
1,3-Dichlorobenzene	1000	Not Detected	6200	Not Detected
1,4-Dichlorobenzene	1000	Not Detected	6200	Not Detected
alpha-Chlorotoluene	1000	Not Detected	5300	Not Detected
1,2-Dichlorobenzene	1000	Not Detected	6200	Not Detected
1,2,4-Trichlorobenzene	4100	Not Detected	30000	Not Detected
Hexachlorobutadiene	4100	Not Detected	44000	Not Detected
Butane	4100	130000	9700	300000
Isopentane	4100	320000	12000	960000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	86	70-130
4-Bromofluorobenzene	107	70-130

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Client Sample ID: VMP-50-30-050713

Lab ID#: 1305228A-05B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051607**	**Date of Collection: 5/7/13 12:28:00 PM**	
Dil. Factor:	**1540**	**Date of Analysis: 5/16/13 06:51 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	770	Not Detected	3800	Not Detected
Freon 114	770	Not Detected	5400	Not Detected
Chloromethane	7700	Not Detected	16000	Not Detected
Vinyl Chloride	770	Not Detected	2000	Not Detected
1,3-Butadiene	770	Not Detected	1700	Not Detected
Bromomethane	7700	Not Detected	30000	Not Detected
Chloroethane	3100	Not Detected	8100	Not Detected
Freon 11	770	Not Detected	4300	Not Detected
Ethanol	3100	Not Detected	5800	Not Detected
Freon 113	770	Not Detected	5900	Not Detected
1,1-Dichloroethene	770	Not Detected	3000	Not Detected
Acetone	7700	24000 J	18000	56000 J
2-Propanol	3100	Not Detected	7600	Not Detected
Carbon Disulfide	3100	Not Detected	9600	Not Detected
3-Chloropropene	3100	Not Detected	9600	Not Detected
Methylene Chloride	7700	Not Detected	27000	Not Detected
Methyl tert-butyl ether	770	Not Detected UJ	2800	Not Detected UJ
trans-1,2-Dichloroethene	770	Not Detected	3000	Not Detected
~~Hexane~~ *	~~770~~	~~400000 E~~	~~2700~~	~~1400000 E~~
1,1-Dichloroethane	770	Not Detected	3100	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3100	Not Detected	9100	Not Detected
cis-1,2-Dichloroethene	770	Not Detected	3000	Not Detected
Tetrahydrofuran	770	Not Detected	2300	Not Detected
Chloroform	770	Not Detected	3800	Not Detected
1,1,1-Trichloroethane	770	Not Detected	4200	Not Detected
Cyclohexane	770	120000	2600	400000
Carbon Tetrachloride	770	Not Detected	4800	Not Detected
2,2,4-Trimethylpentane	770	190000	3600	900000
Benzene	770	33000	2400	100000
1,2-Dichloroethane	770	Not Detected	3100	Not Detected
Heptane	770	210000	3200	870000
Trichloroethene	770	Not Detected	4100	Not Detected
1,2-Dichloropropane	770	Not Detected	3600	Not Detected
1,4-Dioxane	3100	Not Detected	11000	Not Detected
Bromodichloromethane	770	Not Detected	5200	Not Detected
cis-1,3-Dichloropropene	770	Not Detected	3500	Not Detected
4-Methyl-2-pentanone	770	Not Detected	3200	Not Detected
~~Toluene~~ *	~~770~~	~~390000 E~~	~~2900~~	~~1400000 E~~
trans-1,3-Dichloropropene	770	Not Detected	3500	Not Detected
1,1,2-Trichloroethane	770	Not Detected	4200	Not Detected
Tetrachloroethene	770	Not Detected	5200	Not Detected
2-Hexanone	3100	Not Detected	13000	Not Detected

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Client Sample ID: VMP-50-30-050713

Lab ID#: 1305228A-05B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051607**	**Date of Collection:**	**5/7/13 12:28:00 PM**
Dil. Factor:	**1540**	**Date of Analysis:**	**5/16/13 06:51 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	770	Not Detected	6600	Not Detected
1,2-Dibromoethane (EDB)	770	Not Detected	5900	Not Detected
Chlorobenzene	770	Not Detected	3500	Not Detected
Ethyl Benzene	770	100000	3300	440000
m,p-Xylene	770	280000	3300	1200000
o-Xylene	770	120000	3300	530000
Styrene	770	380 J	3300	1600 J
Bromoform	770	Not Detected	8000	Not Detected
Cumene	770	11000	3800	56000
1,1,2,2-Tetrachloroethane	770	Not Detected	5300	Not Detected
Propylbenzene	770	39000	3800	190000
4-Ethyltoluene	770	200000	3800	1000000
1,3,5-Trimethylbenzene	770	67000	3800	330000
1,2,4-Trimethylbenzene	770	230000	3800	1200000
1,3-Dichlorobenzene	770	Not Detected	4600	Not Detected
1,4-Dichlorobenzene	770	Not Detected	4600	Not Detected
alpha-Chlorotoluene	770	Not Detected	4000	Not Detected
1,2-Dichlorobenzene	770	Not Detected	4600	Not Detected
1,2,4-Trichlorobenzene	3100	Not Detected	23000	Not Detected
Hexachlorobutadiene	3100	Not Detected	33000	Not Detected
Butane	3100	130000	7300	320000
~~Isopentane~~	~~3100~~	~~350000 E~~	~~9100~~	~~1000000 E~~

E = Exceeds instrument calibration range.
J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	87	70-130
4-Bromofluorobenzene	109	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1305228A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051505a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/15/13 11:36 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	0.093 J	1.6	0.30 J
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	0.15 J	1.9	0.55 J
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1305228A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051505a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/15/13 11:36 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	0.088 J	3.8	0.67 J
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	0.22 J	2.2	0.95 J
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	0.095 J	5.2	0.98 J
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	0.15 J	3.4	1.0 J
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	0.15 J	2.4	0.74 J
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	0.17 J	2.4	0.82 J
1,3-Dichlorobenzene	0.50	0.17 J	3.0	1.0 J
1,4-Dichlorobenzene	0.50	0.22 J	3.0	1.3 J
alpha-Chlorotoluene	0.50	0.15 J	2.6	0.78 J
1,2-Dichlorobenzene	0.50	0.21 J	3.0	1.3 J
1,2,4-Trichlorobenzene	2.0	0.64 J	15	4.7 J
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Butane	2.0	Not Detected	4.8	Not Detected
Isopentane	2.0	Not Detected	5.9	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	87	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1305228A-06B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051605a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/13 05:01 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1305228A-06B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051605a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/13 05:01 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	0.085 J	3.8	0.66 J
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	0.11 J	5.2	1.1 J
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	0.12 J	3.4	0.84 J
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	0.17 J	3.0	1.0 J
1,4-Dichlorobenzene	0.50	0.20 J	3.0	1.2 J
alpha-Chlorotoluene	0.50	0.16 J	2.6	0.82 J
1,2-Dichlorobenzene	0.50	0.18 J	3.0	1.1 J
1,2,4-Trichlorobenzene	2.0	0.51 J	15	3.8 J
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Butane	2.0	Not Detected	4.8	Not Detected
Isopentane	2.0	Not Detected	5.9	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	85	70-130
4-Bromofluorobenzene	107	70-130

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Client Sample ID: CCV

Lab ID#: 1305228A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/15/13 09:12 AM**	

Compound	%Recovery
Freon 12	84
Freon 114	94
Chloromethane	84
Vinyl Chloride	96
1,3-Butadiene	101
Bromomethane	130
Chloroethane	93
Freon 11	84
Ethanol	116
Freon 113	95
1,1-Dichloroethene	98
Acetone	101
2-Propanol	88
Carbon Disulfide	87
3-Chloropropene	104
Methylene Chloride	92
Methyl tert-butyl ether	75
trans-1,2-Dichloroethene	97
Hexane	98
1,1-Dichloroethane	90
2-Butanone (Methyl Ethyl Ketone)	104
cis-1,2-Dichloroethene	95
Tetrahydrofuran	101
Chloroform	88
1,1,1-Trichloroethane	82
Cyclohexane	98
Carbon Tetrachloride	90
2,2,4-Trimethylpentane	93
Benzene	100
1,2-Dichloroethane	86
Heptane	104
Trichloroethene	99
1,2-Dichloropropane	97
1,4-Dioxane	99
Bromodichloromethane	95
cis-1,3-Dichloropropene	96
4-Methyl-2-pentanone	104
Toluene	96
trans-1,3-Dichloropropene	100
1,1,2-Trichloroethane	98
Tetrachloroethene	101
2-Hexanone	110

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Client Sample ID: CCV

Lab ID#: 1305228A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/15/13 09:12 AM**	

Compound	%Recovery
Dibromochloromethane	102
1,2-Dibromoethane (EDB)	103
Chlorobenzene	94
Ethyl Benzene	106
m,p-Xylene	107
o-Xylene	106
Styrene	110
Bromoform	105
Cumene	99
1,1,2,2-Tetrachloroethane	94
Propylbenzene	106
4-Ethyltoluene	105
1,3,5-Trimethylbenzene	107
1,2,4-Trimethylbenzene	112
1,3-Dichlorobenzene	104
1,4-Dichlorobenzene	98
alpha-Chlorotoluene	91
1,2-Dichlorobenzene	99
1,2,4-Trichlorobenzene	101
Hexachlorobutadiene	98
Butane	94
Isopentane	98

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	85	70-130
4-Bromofluorobenzene	108	70-130

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Client Sample ID: CCV

Lab ID#: 1305228A-07B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051602**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/13 02:30 PM**	

Compound	%Recovery
Freon 12	82
Freon 114	89
Chloromethane	80
Vinyl Chloride	91
1,3-Butadiene	95
Bromomethane	121
Chloroethane	84
Freon 11	81
Ethanol	86
Freon 113	92
1,1-Dichloroethene	94
Acetone	95
2-Propanol	81
Carbon Disulfide	82
3-Chloropropene	98
Methylene Chloride	88
Methyl tert-butyl ether	70
trans-1,2-Dichloroethene	94
Hexane	94
1,1-Dichloroethane	87
2-Butanone (Methyl Ethyl Ketone)	99
cis-1,2-Dichloroethene	91
Tetrahydrofuran	95
Chloroform	85
1,1,1-Trichloroethane	78
Cyclohexane	95
Carbon Tetrachloride	86
2,2,4-Trimethylpentane	90
Benzene	97
1,2-Dichloroethane	85
Heptane	98
Trichloroethene	98
1,2-Dichloropropane	94
1,4-Dioxane	97
Bromodichloromethane	92
cis-1,3-Dichloropropene	92
4-Methyl-2-pentanone	101
Toluene	92
trans-1,3-Dichloropropene	89
1,1,2-Trichloroethane	87
Tetrachloroethene	90
2-Hexanone	98

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Client Sample ID: CCV

Lab ID#: 1305228A-07B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051602**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/13 02:30 PM**	

Compound	%Recovery
Dibromochloromethane	91
1,2-Dibromoethane (EDB)	91
Chlorobenzene	90
Ethyl Benzene	100
m,p-Xylene	100
o-Xylene	98
Styrene	103
Bromoform	99
Cumene	93
1,1,2,2-Tetrachloroethane	88
Propylbenzene	98
4-Ethyltoluene	97
1,3,5-Trimethylbenzene	99
1,2,4-Trimethylbenzene	104
1,3-Dichlorobenzene	95
1,4-Dichlorobenzene	90
alpha-Chlorotoluene	89
1,2-Dichlorobenzene	91
1,2,4-Trichlorobenzene	89
Hexachlorobutadiene	88
Butane	90
Isopentane	93

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	84	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: LCS
Lab ID#: 1305228A-08A
EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/15/13 10:03 AM**	

Compound	%Recovery
Freon 12	85
Freon 114	93
Chloromethane	84
Vinyl Chloride	95
1,3-Butadiene	100
Bromomethane	129
Chloroethane	91
Freon 11	83
Ethanol	97
Freon 113	95
1,1-Dichloroethene	102
Acetone	98
2-Propanol	89
Carbon Disulfide	102
3-Chloropropene	111
Methylene Chloride	91
Methyl tert-butyl ether	77
trans-1,2-Dichloroethene	110
Hexane	95
1,1-Dichloroethane	89
2-Butanone (Methyl Ethyl Ketone)	103
cis-1,2-Dichloroethene	95
Tetrahydrofuran	96
Chloroform	88
1,1,1-Trichloroethane	82
Cyclohexane	98
Carbon Tetrachloride	91
2,2,4-Trimethylpentane	92
Benzene	100
1,2-Dichloroethane	86
Heptane	101
Trichloroethene	99
1,2-Dichloropropane	96
1,4-Dioxane	94
Bromodichloromethane	92
cis-1,3-Dichloropropene	95
4-Methyl-2-pentanone	99
Toluene	94
trans-1,3-Dichloropropene	99
1,1,2-Trichloroethane	96
Tetrachloroethene	98
2-Hexanone	98

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Client Sample ID: LCS

Lab ID#: 1305228A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/15/13 10:03 AM**	

Compound	%Recovery
Dibromochloromethane	99
1,2-Dibromoethane (EDB)	102
Chlorobenzene	94
Ethyl Benzene	104
m,p-Xylene	105
o-Xylene	105
Styrene	102
Bromoform	100
Cumene	98
1,1,2,2-Tetrachloroethane	94
Propylbenzene	104
4-Ethyltoluene	99
1,3,5-Trimethylbenzene	102
1,2,4-Trimethylbenzene	108
1,3-Dichlorobenzene	103
1,4-Dichlorobenzene	97
alpha-Chlorotoluene	85
1,2-Dichlorobenzene	98
1,2,4-Trichlorobenzene	97
Hexachlorobutadiene	95
Butane	90
Isopentane	97

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	84	70-130
4-Bromofluorobenzene	108	70-130

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Client Sample ID: LCSD

Lab ID#: 1305228A-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051504**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/15/13 10:45 AM**	

Compound	%Recovery
Freon 12	80
Freon 114	90
Chloromethane	80
Vinyl Chloride	91
1,3-Butadiene	95
Bromomethane	123
Chloroethane	86
Freon 11	80
Ethanol	101
Freon 113	91
1,1-Dichloroethene	100
Acetone	96
2-Propanol	84
Carbon Disulfide	99
3-Chloropropene	106
Methylene Chloride	87
Methyl tert-butyl ether	74
trans-1,2-Dichloroethene	104
Hexane	91
1,1-Dichloroethane	86
2-Butanone (Methyl Ethyl Ketone)	100
cis-1,2-Dichloroethene	92
Tetrahydrofuran	92
Chloroform	84
1,1,1-Trichloroethane	79
Cyclohexane	93
Carbon Tetrachloride	88
2,2,4-Trimethylpentane	87
Benzene	97
1,2-Dichloroethane	83
Heptane	99
Trichloroethene	97
1,2-Dichloropropane	92
1,4-Dioxane	93
Bromodichloromethane	90
cis-1,3-Dichloropropene	94
4-Methyl-2-pentanone	95
Toluene	91
trans-1,3-Dichloropropene	95
1,1,2-Trichloroethane	93
Tetrachloroethene	95
2-Hexanone	94

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Client Sample ID: LCSD

Lab ID#: I305228A-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051504**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/15/13 10:45 AM**	

Compound	%Recovery
Dibromochloromethane	95
1,2-Dibromoethane (EDB)	97
Chlorobenzene	89
Ethyl Benzene	98
m,p-Xylene	99
o-Xylene	98
Styrene	97
Bromoform	96
Cumene	93
1,1,2,2-Tetrachloroethane	91
Propylbenzene	98
4-Ethyltoluene	92
1,3,5-Trimethylbenzene	97
1,2,4-Trimethylbenzene	101
1,3-Dichlorobenzene	96
1,4-Dichlorobenzene	91
alpha-Chlorotoluene	82
1,2-Dichlorobenzene	92
1,2,4-Trichlorobenzene	94
Hexachlorobutadiene	91
Butane	85
Isopentane	93

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	82	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: LCS

Lab ID#: 1305228A-08B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/13 03:13 PM**	

Compound	%Recovery
Freon 12	80
Freon 114	88
Chloromethane	79
Vinyl Chloride	90
1,3-Butadiene	94
Bromomethane	118
Chloroethane	82
Freon 11	78
Ethanol	96
Freon 113	89
1,1-Dichloroethene	96
Acetone	96
2-Propanol	80
Carbon Disulfide	95
3-Chloropropene	104
Methylene Chloride	86
Methyl tert-butyl ether	70
trans-1,2-Dichloroethene	101
Hexane	89
1,1-Dichloroethane	83
2-Butanone (Methyl Ethyl Ketone)	96
cis-1,2-Dichloroethene	89
Tetrahydrofuran	90
Chloroform	81
1,1,1-Trichloroethane	76
Cyclohexane	91
Carbon Tetrachloride	86
2,2,4-Trimethylpentane	84
Benzene	94
1,2-Dichloroethane	81
Heptane	95
Trichloroethene	93
1,2-Dichloropropane	90
1,4-Dioxane	89
Bromodichloromethane	87
cis-1,3-Dichloropropene	89
4-Methyl-2-pentanone	92
Toluene	88
trans-1,3-Dichloropropene	89
1,1,2-Trichloroethane	88
Tetrachloroethene	89
2-Hexanone	90

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Client Sample ID: LCS

Lab ID#: 1305228A-08B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/13 03:13 PM**	

Compound	%Recovery
Dibromochloromethane	90
1,2-Dibromoethane (EDB)	92
Chlorobenzene	88
Ethyl Benzene	98
m,p-Xylene	98
o-Xylene	97
Styrene	96
Bromoform	96
Cumene	90
1,1,2,2-Tetrachloroethane	88
Propylbenzene	96
4-Ethyltoluene	90
1,3,5-Trimethylbenzene	94
1,2,4-Trimethylbenzene	99
1,3-Dichlorobenzene	93
1,4-Dichlorobenzene	89
alpha-Chlorotoluene	80
1,2-Dichlorobenzene	90
1,2,4-Trichlorobenzene	91
Hexachlorobutadiene	88
Butane	88
Isopentane	90

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	84	70-130
4-Bromofluorobenzene	106	70-130

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Client Sample ID: LCSD

Lab ID#: 1305228A-08BB

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/13 04:03 PM**	

Compound	%Recovery
Freon 12	76
Freon 114	83
Chloromethane	77
Vinyl Chloride	85
1,3-Butadiene	91
Bromomethane	114
Chloroethane	79
Freon 11	74
Ethanol	96
Freon 113	84
1,1-Dichloroethene	90
Acetone	89
2-Propanol	76
Carbon Disulfide	91
3-Chloropropene	98
Methylene Chloride	82
Methyl tert-butyl ether	68 Q
trans-1,2-Dichloroethene	96
Hexane	84
1,1-Dichloroethane	79
2-Butanone (Methyl Ethyl Ketone)	90
cis-1,2-Dichloroethene	84
Tetrahydrofuran	84
Chloroform	77
1,1,1-Trichloroethane	71
Cyclohexane	86
Carbon Tetrachloride	81
2,2,4-Trimethylpentane	81
Benzene	90
1,2-Dichloroethane	78
Heptane	90
Trichloroethene	89
1,2-Dichloropropane	85
1,4-Dioxane	85
Bromodichloromethane	83
cis-1,3-Dichloropropene	85
4-Methyl-2-pentanone	88
Toluene	83
trans-1,3-Dichloropropene	88
1,1,2-Trichloroethane	88
Tetrachloroethene	90
2-Hexanone	86

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Client Sample ID: LCSD

Lab ID#: 1305228A-08BB

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2051604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/13 04:03 PM**	

Compound	%Recovery
Dibromochloromethane	90
1,2-Dibromoethane (EDB)	92
Chlorobenzene	86
Ethyl Benzene	94
m,p-Xylene	95
o-Xylene	94
Styrene	92
Bromoform	94
Cumene	88
1,1,2,2-Tetrachloroethane	86
Propylbenzene	93
4-Ethyltoluene	88
1,3,5-Trimethylbenzene	91
1,2,4-Trimethylbenzene	96
1,3-Dichlorobenzene	90
1,4-Dichlorobenzene	86
alpha-Chlorotoluene	76
1,2-Dichlorobenzene	87
1,2,4-Trichlorobenzene	88
Hexachlorobutadiene	85
Butane	81
Isopentane	86

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	83	70-130
4-Bromofluorobenzene	108	70-130

1305228

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA S/B&M ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Moosheglan
INCIDENT # (ENV SERVICES): 0 7 2 1 6 6 4 0
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 05/09/13
PAGE: 1 of 1
RO #:
SAP #: 3 4 0 0 6 1

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE -- ROXANA
State: IL
GLOBAL ID NO:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300, ST. LOUIS, MO 63110
EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO.: 314-743-4179
E-MAIL: Elizabeth.Kunkel@URSCorp.com
CONSULTANT PROJECT NAME#: Roxana Soil Vapor
Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
S. Fisher, L. Rathnow, B. Lehan, C. Williams.
TELEPHONE: 314-429-0100
FAX: 314-429-0462
Bill To Contact E-MAIL: Robert.Moosheglan@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum: Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
01A	VMP-2-42-050613	05/06/13	1133-1204	35600	30	-9.5			X	X	
02A	VMP-31-30-050713	05/07/13	1431-1505	37767	-28.5	-9.5			X	X	
03A	VMP-32-30-050713	05/07/13	1124-1155	12381	-28.5	-8.5			X	X	
04A	VMP-40-30-050813	05/08/13	1501-1531	2180	-29	-10.5			X	X	
05A	VMP-50-30-050713	05/07/13	1200-1228	35668	-30	-11			X	X	

Turn Around Time: ☑ Normal ☐ Rush
Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

	Received by: (Signature)	Date	Time
Relinquished by: (Signature)		5/9/13	1700
Relinquished by: (Signature)	FEDEX		
	Received by: (Signature)	5/10/13	0945
Relinquished by: (Signature)			
	Received by: (Signature)		

05/2008 Revision

CUSTODY SEAL INTACT
Fedex

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5/24/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305228B

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/10/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1305228B

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/10/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/24/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-2-42-050613	Modified ASTM D-1946	8.2 "Hg	14.7 psi
02A	VMP-31-30-050713	Modified ASTM D-1946	9.6 "Hg	15 psi
03A	VMP-32-30-050713	Modified ASTM D-1946	9.2 "Hg	14.9 psi
04A	VMP-49-30-050813	Modified ASTM D-1946	11.6 "Hg	14.5 psi
05A	VMP-50-30-050713	Modified ASTM D-1946	10.4 "Hg	14.8 psi
06A	Lab Blank	Modified ASTM D-1946	NA	NA
06B	Lab Blank	Modified ASTM D-1946	NA	NA
07A	LCS	Modified ASTM D-1946	NA	NA
07AA	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY: Heidi Loyer DATE: 05/24/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified ASTM D-1946
URS Corporation
Workorder# 1305228B

Five 1 Liter Summa Canister samples were received on May 10, 2013. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane and fixed gases in air using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Since Nitrogen is used to pressurize samples, the reported Nitrogen values are calculated by adding all the sample components and subtracting from 100%.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*ASTM D-1946*	*ATL Modifications*
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

The reporting limit for Nitrogen was raised from 0.1% to 0.5%.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-2-42-050613

Lab ID#: 1305228B-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	1.9
Nitrogen	1.4	76
Methane	0.00028	16
Carbon Dioxide	0.028	5.6
Ethane	0.0028	0.0074
Helium	0.14	0.010 J

Client Sample ID: VMP-3I-30-050713

Lab ID#: 1305228B-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	1.8
Nitrogen	1.5	81
Methane	0.00030	3.4
Carbon Dioxide	0.030	13
Ethane	0.0030	0.00091 J
Helium	0.15	0.012 J

Client Sample ID: VMP-32-30-050713

Lab ID#: 1305228B-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	1.9
Nitrogen	1.4	84
Methane	0.00029	0.29
Carbon Dioxide	0.029	14

Client Sample ID: VMP-49-30-050813

Lab ID#: 1305228B-04A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	8.1

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-49-30-050813

Lab ID#: 1305228B-04A

Nitrogen	1.6	85
Methane	0.00032	0.030
Carbon Dioxide	0.032	7.0

Client Sample ID: VMP-50-30-050713

Lab ID#: 1305228B-05A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	18
Nitrogen	1.5	78
Methane	0.00031	0.055
Carbon Dioxide	0.031	3.8

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Client Sample ID: VMP-2-42-050613

Lab ID#: 1305228B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052016**	**Date of Collection: 5/6/13 12:04:00 PM**	
Dil. Factor:	**2.75**	**Date of Analysis: 5/20/13 04:15 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	1.9
Nitrogen	1.4	76
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	16
Carbon Dioxide	0.028	5.6
Ethane	0.0028	0.0074
Ethene	0.0028	Not Detected
Helium	0.14	0.010 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-31-30-050713

Lab ID#: 1305228B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052017**	**Date of Collection: 5/7/13 3:05:00 PM**	
Dil. Factor:	**2.97**	**Date of Analysis: 5/20/13 04:40 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	1.8
Nitrogen	1.5	81
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	3.4
Carbon Dioxide	0.030	13
Ethane	0.0030	0.00091 J
Ethene	0.0030	Not Detected
Helium	0.15	0.012 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-32-30-050713

Lab ID#: 1305228B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052018**	**Date of Collection:**	**5/7/13 11:55:00 AM**
Dil. Factor:	**2.90**	**Date of Analysis:**	**5/20/13 05:07 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	1.9
Nitrogen	1.4	84
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	0.29
Carbon Dioxide	0.029	14
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-49-30-050813

Lab ID#: 1305228B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052015**	**Date of Collection: 5/8/13 3:31:00 PM**	
Dil. Factor:	**3.24**	**Date of Analysis: 5/20/13 03:34 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	8.1
Nitrogen	1.6	85
Carbon Monoxide	0.032	Not Detected
Methane	0.00032	0.030
Carbon Dioxide	0.032	7.0
Ethane	0.0032	Not Detected
Ethene	0.0032	Not Detected
Helium	0.16	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-50-30-050713

Lab ID#: 1305228B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052021**	**Date of Collection:**	**5/7/13 12:28:00 PM**
Dil. Factor:	**3.07**	**Date of Analysis:**	**5/20/13 06:35 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	18
Nitrogen	1.5	78
Carbon Monoxide	0.031	Not Detected
Methane	0.00031	0.055
Carbon Dioxide	0.031	3.8
Ethane	0.0031	Not Detected
Ethene	0.0031	Not Detected
Helium	0.15	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: Lab Blank

Lab ID#: 1305228B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052004**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/20/13 09:24 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	0.015 J
Nitrogen	0.50	0.084 J
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected
Ethane	0.0010	Not Detected
Ethene	0.0010	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

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Client Sample ID: Lab Blank

Lab ID#: 1305228B-06B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052003c**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/20/13 08:59 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.050	Not Detected

Container Type: NA - Not Applicable

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Client Sample ID: LCS

Lab ID#: 1305228B-07A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052002**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/20/13 08:08 AM**	

Compound	%Recovery
Oxygen	104
Nitrogen	100
Carbon Monoxide	97
Methane	100
Carbon Dioxide	101
Ethane	99
Ethene	99
Helium	100

Container Type: NA - Not Applicable

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Client Sample ID: LCSD

Lab ID#: 1305228B-07AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052022**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/20/13 07:00 PM**	

Compound	%Recovery
Oxygen	103
Nitrogen	100
Carbon Monoxide	99
Methane	99
Carbon Dioxide	100
Ethane	98
Ethene	98
Helium	99

Container Type: NA - Not Applicable

1305228

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&M ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Moosheqian
PO #:
INCIDENT # (ENV SERVICES): 0 7 2 1 6 6 4 0
SAP #: 3 4 0 0 6 1
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 05/09/13
PAGE: 1 of 1

SAMPLING COMPANY: URS CORPORATION
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST. LOUIS, MO 63110
Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
TELEPHONE: 314-429-0100 FAX: 314-429-0462 EMail: Robert.Moosheqian@urs.com

SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE -- ROXANA
State: IL
GLOBAL ID NO.:
LOT DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO.: 314-743-4179
E-MAIL: Elizabeth.Kunkel@URSCorp.com
CONSULTANT PROJECT NAME/#: Roxana Soil Vapor
S. Fisher, L. Rathnow, B. Lehan, C. Williams

TURNAROUND TIME (CALENDAR DAYS)
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:
DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

Turn Around Time: ☑ Normal ☐ Rush Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab Use Only	Field Sample Identification	Sampling Date	Sampling Time	Canister Number	Canister Pressure/Vacuum: Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
01A	VMP-2-42-050613	05/06/13	1133-1204	35600	-30	-9.5			X	X	
02A	VMP-31-30-050713	05/07/13	1431-1505	37767	-28.5	-9.5			X	X	
03A	VMP-32-30-050713	05/07/13	1124-1155	12381	-28.5	-9.5			X	X	
04A	VMP-49-30-050813	05/08/13	1501-1531	2180	-29	-10.5			X	X	
05A	VMP-50-30-050713	05/07/13	1200-1228	35668	-30	-11			X	X	

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	FEDEX	5/9/13	1700
Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	[illegible]	5/10/13	0945
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

05/2/06 Revision

CUSTODY SEAL INTACT

Fedex

Roxana Soil Vapor Quarterly – 2nd Quarter 2013 Data Review

Laboratory SDG: 1305296A,B

Data Reviewer: Melissa Mansker

Peer Reviewer: Elizabeth Kunkel

Date Reviewed: 6/21/2013

Guidance: USEPA National Functional Guidelines for Superfund Organic Methods Data Review 2008

Sample Identification	Sample Identification
VMP-1-38.5-050913	VMP-12-25-051013
VMP-12-39-051013	VMP-15-25.5-050913
VMP-15-29-050913	

1.0 Data Package Completeness

Were all items delivered as specified in the QAPP and COC as appropriate?

Yes

2.0 Laboratory Case Narrative \ Cooler Receipt Form

Were problems noted in the laboratory case narrative or cooler receipt form?

Yes, the laboratory case narrative indicated samples VMP-1-38.5-050913 and VMP-15-25.5-050913 were diluted and re-analyzed to bring the highest level target analytes within the calibration range of the instrument. Results for the highest level target analytes were reported from the re-analysis diluted runs and the remaining compounds were reported from the original analyses. Samples were diluted due to high levels of target analytes. Although not indicated in the laboratory case narrative, TO-15 LCS/LCSD recoveries were outside evaluation criteria. Analytes were detected in the method blank. Results for acetone in samples may be biased high due to co-elution with a non-target analyte. The CCV recovery for methyl tert-butyl ether was outside evaluation criteria. These issues are addressed further in the appropriate sections below.

No issues or discrepancies were noted in the cooler receipt form.

3.0 Holding Times

Were samples extracted/analyzed within applicable limits?

Yes

4.0 Blank Contamination

Were any analytes detected in the Blanks?

Yes

Blank ID	Parameter	Analyte	Concentration/ Amount
1305296B-06A	Natural gases	Oxygen	0.018%
1305296B-06A	Natural gases	Nitrogen	0.073%

Analytical data that were reported non-detect or at concentrations greater than five times (5X) the associated blank concentration did not require qualification. No qualification of data was required.

5.0 Laboratory Control Sample

Were LCS recoveries within evaluation criteria?

No

LCS/LCSD ID	Parameter	Analyte	LCS/LCSD Recovery	LCS/ LCSD RPD	LCS/LCSD /RPD Criteria
1305296A-08A/AA	TO-15	Bromomethane	**149/145**	3	70-130/25
1305296A-08A/AA	TO-15	3-Chloropropene	**131**/129	2	70-130/25
1305296A-08A/AA	TO-15	1,2,4-Trimethylbenzene	130/**135**	4	70-130/25

Analytical data that required qualification based on LCS data are included in the table below. Analytical data reported as non-detect and associated with LCS recoveries above evaluation criteria, indicating a possible high bias, did not require qualification.

Sample ID	Parameter	Analyte	Qualification
VMP-12-39-051013	TO-15	1,2,4-Trimethylbenzene	**J**

6.0 Surrogate Recoveries

Were surrogate recoveries within evaluation criteria?

Yes

7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

Were MS/MSD samples analyzed as part of this SDG?

MS/MSD samples are not applicable for vapor samples, due to the inability to spike the samples.

8.0 Laboratory Duplicate Results

Were laboratory duplicate samples collected as part of this SDG?

No

9.0 Field Duplicate Results

Were field duplicate samples collected as part of this SDG?

No

10.0 Sample Dilutions

For samples that were diluted and nondetect, were undiluted results also reported?

Not applicable; analytes were detected in samples that were diluted.

11.0 Additional Qualifications

Were additional qualifications applied?

Yes, results for acetone in samples may be biased high due to co-elution with a non-target analyte. Qualification of acetone in these samples is included in the table below.

Sample ID	Parameter	Analyte	Qualification
VMP-1-38.5-050913	TO-15	Acetone	**J**
VMP-12-25-051013	TO-15	Acetone	**J**
VMP-12-39-051013	TO-15	Acetone	**J**
VMP-15-25.5-050913	TO-15	Acetone	**J**
VMP-15-29-050913	TO-15	Acetone	**J**

Additionally, the CCV percent recovery for methyl tert-butyl ether was outside evaluation criteria as summarized in the table below.

CCV ID	Parameter	Analyte	CCV Recovery	CCV Criteria
1305296A-07A	TO-15	Methyl tert-butyl ether	**63**	70-130

Data requiring qualification based on CCV recoveries are summarized in the following table.

Sample ID	Parameter	Analyte	Qualification
VMP-1-38.5-050913	TO-15	Methyl tert-butyl ether	**UJ**
VMP-12-25-051013	TO-15	Methyl tert-butyl ether	**UJ**
VMP-12-39-051013	TO-15	Methyl tert-butyl ether	**UJ**
VMP-15-25.5-050913	TO-15	Methyl tert-butyl ether	**UJ**
VMP-15-29-050913	TO-15	Methyl tert-butyl ether	**UJ**

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5/29/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305296A

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/14/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

Reviewed on 6/21/2013

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WORK ORDER #: 1305296A

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/14/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/29/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-1-38.5-050913	Modified TO-15	7.3 "Hg	15 psi
01B	VMP-1-38.5-050913	Modified TO-15	7.3 "Hg	15 psi
02A	VMP-12-25-051013	Modified TO-15	7.3 "Hg	14.7 psi
03A	VMP-12-39-051013	Modified TO-15	5.9 "Hg	14.9 psi
04A	VMP-15-25.5-050913	Modified TO-15	9.8 "Hg	14.9 psi
04B	VMP-15-25.5-050913	Modified TO-15	9.8 "Hg	14.9 psi
05A	VMP-15-29-050913	Modified TO-15	9.8 "Hg	14.5 psi
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 05/29/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effeetive date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
URS Corporation
Workorder# 1305296A

Five 1 Liter Summa Canister samples were received on May 13, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per client project requirements, the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified (0.2 ppbv for compounds reported at 0.5 ppbv and 0.8 ppbv for compounds reported at 2.0 ppbv) may be false positives.

Due to high-level target compounds, samples VMP-1-38.5-050913 and VMP-15-25.5-050913 were analyzed twice. In the "A" fraction, the sample was diluted to bring the highest-level compounds within the calibration range. The "B" fraction is also reported by client request and may be reported with "E" flags indicating the compound exceeds the calibration range. Both runs and associated QC are reported.

Dilution was performed on all of the samples due to the presence of high level target species.

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page.

The reported results for Acetone in all of the samples may be biased high due to co-elution with a target compound with similar characteristic ions. Both the primary and secondary ions for Acetone exhibited potential interference.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-1-38.5-050913 * Use these results only. All other data was reported from the 76,300x dilution analysis

Lab ID#: 1305296A-01A

DF = 214000

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	1100000	870000 J	2500000	2100000 J
Hexane	110000	330000	380000	1200000
Cyclohexane	110000	69000 J	370000	240000 J
2,2,4-Trimethylpentane	110000	330000	500000	1600000
Heptane	110000	51000 J	440000	210000 J
Butane	430000	31000000	1000000	74000000
* Isopentane	430000	12000000	1300000	37000000

Client Sample ID: VMP-1-38.5-050913 * Do not use this data. Use all other data.

Lab ID#: 1305296A-01B

DF = 76300

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	380000	860000 J	910000	2000000 J
Hexane	38000	360000	130000	1200000
Cyclohexane	38000	79000	130000	270000
2,2,4-Trimethylpentane	38000	350000	180000	1600000
Heptane	38000	52000	160000	210000
~~* Butane~~	~~150000~~	~~31000000 E~~	~~360000~~	~~74000000 E~~
Isopentane	150000	13000000	450000	38000000

Client Sample ID: VMP-12-25-051013

Lab ID#: 1305296A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	26000	68000 J	63000	160000 J
Cyclohexane	2600	5300	9100	18000
2,2,4-Trimethylpentane	2600	400000	12000	1900000
Styrene	2600	1100 J	11000	4700 J
Butane	11000	39000	25000	94000
Isopentane	11000	850000	31000	2500000

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-12-39-051013

Lab ID#: 1305296A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	42000	82000 J	99000	200000 J
Hexane	4200	28000	15000	99000
Cyclohexane	4200	26000	14000	91000
2,2,4-Trimethylpentane	4200	440000	20000	2000000
Benzene	4200	520000	13000	1700000
Heptane	4200	9700	17000	40000
Ethyl Benzene	4200	5400	18000	24000
m,p-Xylene	4200	2000 J	18000	8800 J
Cumene	4200	1200 J	20000	6000 J
Propylbenzene	4200	1700 J	20000	8300 J
4-Ethyltoluene	4200	730 J	20000	3600 J
1,2,4-Trimethylbenzene	4200	960 J J	20000	4700 J J
Butane	17000	96000	40000	230000
Isopentane	17000	1100000	49000	3300000

Client Sample ID: VMP-15-25.5-050913 * Use these results only. All other data was reported from the 1200 x dilution made/SS

Lab ID#: 1305296A-04A

DF = 1990

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	10000	22000	24000	52000
Cyclohexane	1000	2500	3400	8600
2,2,4-Trimethylpentane	1000	100000	4600	480000
Butane	4000	25000	9500	60000
* Isopentane	4000	330000	12000	970000

Client Sample ID: VMP-15-25.5-050913 * Do not use this data. Use all other data.

Lab ID#: 1305296A-04B

DF = 1200

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	6000	23000 J	14000	55000 J
Cyclohexane	600	2600	2100	8900
2,2,4-Trimethylpentane	600	100000	2800	480000
Butane	2400	27000	5700	65000

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-15-25.5-050913

Lab ID#: I305296A-04B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
~~Isopentane~~	~~2400~~	~~330000 E~~	~~7100~~	~~990000 E~~

Client Sample ID: VMP-15-29-050913

Lab ID#: 1305296A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	3000	4600 J	7000	11000 J
Cyclohexane	300	740	1000	2600
2,2,4-Trimethylpentane	300	19000	1400	89000
Butane	1200	4600	2800	11000
Isopentane	1200	68000	3500	200000

eurofins | Air Toxics *Use these results only All other data was reported from the 76300x dilution analysis

Client Sample ID: VMP-1-38.5-050913

Lab ID#: 1305296A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052209**	**Date of Collection: 5/9/13 11:12:00 AM**	
Dil. Factor:	**214000**	**Date of Analysis: 5/22/13 05:13 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	110000	Not Detected	530000	Not Detected
Freon 114	110000	Not Detected	750000	Not Detected
Chloromethane	1100000	Not Detected	2200000	Not Detected
Vinyl Chloride	110000	Not Detected	270000	Not Detected
1,3-Butadiene	110000	Not Detected	240000	Not Detected
Bromomethane	1100000	Not Detected	4200000	Not Detected
Chloroethane	430000	Not Detected	1100000	Not Detected
Freon 11	110000	Not Detected	600000	Not Detected
Ethanol	430000	Not Detected	810000	Not Detected
Freon 113	110000	Not Detected	820000	Not Detected
1,1-Dichloroethene	110000	Not Detected	420000	Not Detected
Acetone	1100000	870000 J	2500000	2100000 J
2-Propanol	430000	Not Detected	1000000	Not Detected
Carbon Disulfide	430000	Not Detected	1300000	Not Detected
3-Chloropropene	430000	Not Detected	1300000	Not Detected
Methylene Chloride	1100000	Not Detected	3700000	Not Detected
Methyl tert-butyl ether	110000	Not Detected UJ u J	380000	Not Detected UJ u J
trans-1,2-Dichloroethene	110000	Not Detected	420000	Not Detected
Hexane	110000	330000	380000	1200000
1,1-Dichloroethane	110000	Not Detected	430000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	430000	Not Detected	1300000	Not Detected
cis-1,2-Dichloroethene	110000	Not Detected	420000	Not Detected
Tetrahydrofuran	110000	Not Detected	320000	Not Detected
Chloroform	110000	Not Detected	520000	Not Detected
1,1,1-Trichloroethane	110000	Not Detected	580000	Not Detected
Cyclohexane	110000	69000 J	370000	240000 J
Carbon Tetrachloride	110000	Not Detected	670000	Not Detected
2,2,4-Trimethylpentane	110000	330000	500000	1600000
Benzene	110000	Not Detected	340000	Not Detected
1,2-Dichloroethane	110000	Not Detected	430000	Not Detected
Heptane	110000	51000 J	440000	210000 J
Trichloroethene	110000	Not Detected	580000	Not Detected
1,2-Dichloropropane	110000	Not Detected	490000	Not Detected
1,4-Dioxane	430000	Not Detected	1500000	Not Detected
Bromodichloromethane	110000	Not Detected	720000	Not Detected
cis-1,3-Dichloropropene	110000	Not Detected	480000	Not Detected
4-Methyl-2-pentanone	110000	Not Detected	440000	Not Detected
Toluene	110000	Not Detected	400000	Not Detected
trans-1,3-Dichloropropene	110000	Not Detected	480000	Not Detected
1,1,2-Trichloroethane	110000	Not Detected	580000	Not Detected
Tetrachloroethene	110000	Not Detected	720000	Not Detected
2-Hexanone	430000	Not Detected	1800000	Not Detected

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Client Sample ID: VMP-1-38.5-050913

Lab ID#: 1305296A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052209**	**Date of Collection: 5/9/13 11:12:00 AM**	
Dil. Factor:	**214000**	**Date of Analysis: 5/22/13 05:13 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	110000	Not Detected	910000	Not Detected
1,2-Dibromoethane (EDB)	110000	Not Detected	820000	Not Detected
Chlorobenzene	110000	Not Detected	490000	Not Detected
Ethyl Benzene	110000	Not Detected	460000	Not Detected
m,p-Xylene	110000	Not Detected	460000	Not Detected
o-Xylene	110000	Not Detected	460000	Not Detected
Styrene	110000	Not Detected	460000	Not Detected
Bromoform	110000	Not Detected	1100000	Not Detected
Cumene	110000	Not Detected	520000	Not Detected
1,1,2,2-Tetrachloroethane	110000	Not Detected	730000	Not Detected
Propylbenzene	110000	Not Detected	530000	Not Detected
4-Ethyltoluene	110000	Not Detected	530000	Not Detected
1,3,5-Trimethylbenzene	110000	Not Detected	530000	Not Detected
1,2,4-Trimethylbenzene	110000	Not Detected	520000	Not Detected
1,3-Dichlorobenzene	110000	Not Detected	640000	Not Detected
1,4-Dichlorobenzene	110000	Not Detected	640000	Not Detected
alpha-Chlorotoluene	110000	Not Detected	550000	Not Detected
1,2-Dichlorobenzene	110000	Not Detected	640000	Not Detected
1,2,4-Trichlorobenzene	430000	Not Detected	3200000	Not Detected
Hexachlorobutadiene	430000	Not Detected	4600000	Not Detected
Butane	430000	31000000	1000000	74000000
Isopentane	430000	12000000	1300000	37000000

J = Estimated value.
UJ = Non-detected compound associated with low bias in the CCV and/or LCS.
Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	85	70-130
4-Bromofluorobenzene	106	70-130

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Client Sample ID: VMP-1-38.5-050913

Lab ID#: 1305296A-01B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052208**	**Date of Collection: 5/9/13 11:12:00 AM**	
Dil. Factor:	**76300**	**Date of Analysis: 5/22/13 04:21 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	38000	Not Detected	190000	Not Detected
Freon 114	38000	Not Detected	270000	Not Detected
Chloromethane	380000	Not Detected	790000	Not Detected
Vinyl Chloride	38000	Not Detected	98000	Not Detected
1,3-Butadiene	38000	Not Detected	84000	Not Detected
Bromomethane	380000	Not Detected	1500000	Not Detected
Chloroethane	150000	Not Detected	400000	Not Detected
Freon 11	38000	Not Detected	210000	Not Detected
Ethanol	150000	Not Detected	290000	Not Detected
Freon 113	38000	Not Detected	290000	Not Detected
1,1-Dichloroethene	38000	Not Detected	150000	Not Detected
Acetone	380000	860000 J	910000	2000000 J
2-Propanol	150000	Not Detected	380000	Not Detected
Carbon Disulfide	150000	Not Detected	480000	Not Detected
3-Chloropropene	150000	Not Detected	480000	Not Detected
Methylene Chloride	380000	Not Detected	1300000	Not Detected
Methyl tert-butyl ether	38000	Not Detected UJ UJ	140000	Not Detected UJ UJ
trans-1,2-Dichloroethene	38000	Not Detected	150000	Not Detected
Hexane	38000	360000	130000	1200000
1,1-Dichloroethane	38000	Not Detected	150000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	150000	Not Detected	450000	Not Detected
cis-1,2-Dichloroethene	38000	Not Detected	150000	Not Detected
Tetrahydrofuran	38000	Not Detected	110000	Not Detected
Chloroform	38000	Not Detected	190000	Not Detected
1,1,1-Trichloroethane	38000	Not Detected	210000	Not Detected
Cyclohexane	38000	79000	130000	270000
Carbon Tetrachloride	38000	Not Detected	240000	Not Detected
2,2,4-Trimethylpentane	38000	350000	180000	1600000
Benzene	38000	Not Detected	120000	Not Detected
1,2-Dichloroethane	38000	Not Detected	150000	Not Detected
Heptane	38000	52000	160000	210000
Trichloroethene	38000	Not Detected	200000	Not Detected
1,2-Dichloropropane	38000	Not Detected	180000	Not Detected
1,4-Dioxane	150000	Not Detected	550000	Not Detected
Bromodichloromethane	38000	Not Detected	260000	Not Detected
cis-1,3-Dichloropropene	38000	Not Detected	170000	Not Detected
4-Methyl-2-pentanone	38000	Not Detected	160000	Not Detected
Toluene	38000	Not Detected	140000	Not Detected
trans-1,3-Dichloropropene	38000	Not Detected	170000	Not Detected
1,1,2-Trichloroethane	38000	Not Detected	210000	Not Detected
Tetrachloroethene	38000	Not Detected	260000	Not Detected
2-Hexanone	150000	Not Detected	620000	Not Detected

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Client Sample ID: VMP-1-38.5-050913

Lab ID#: 1305296A-01B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052208**	**Date of Collection: 5/9/13 11:12:00 AM**	
Dil. Factor:	**76300**	**Date of Analysis: 5/22/13 04:21 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	38000	Not Detected	320000	Not Detected
1,2-Dibromoethane (EDB)	38000	Not Detected	290000	Not Detected
Chlorobenzene	38000	Not Detected	180000	Not Detected
Ethyl Benzene	38000	Not Detected	160000	Not Detected
m,p-Xylene	38000	Not Detected	160000	Not Detected
o-Xylene	38000	Not Detected	160000	Not Detected
Styrene	38000	Not Detected	160000	Not Detected
Bromoform	38000	Not Detected	390000	Not Detected
Cumene	38000	Not Detected	190000	Not Detected
1,1,2,2-Tetrachloroethane	38000	Not Detected	260000	Not Detected
Propylbenzene	38000	Not Detected	190000	Not Detected
4-Ethyltoluene	38000	Not Detected	190000	Not Detected
1,3,5-Trimethylbenzene	38000	Not Detected	190000	Not Detected
1,2,4-Trimethylbenzene	38000	Not Detected	190000	Not Detected
1,3-Dichlorobenzene	38000	Not Detected	230000	Not Detected
1,4-Dichlorobenzene	38000	Not Detected	230000	Not Detected
alpha-Chlorotoluene	38000	Not Detected	200000	Not Detected
1,2-Dichlorobenzene	38000	Not Detected	230000	Not Detected
1,2,4-Trichlorobenzene	150000	Not Detected	1100000	Not Detected
Hexachlorobutadiene	150000	Not Detected	1600000	Not Detected
~~Butane~~	~~150000~~	~~31000000 E~~	~~360000~~	~~74000000 E~~
Isopentane	150000	13000000	450000	38000000

UJ = Non-detected compound associated with low bias in the CCV and/or LCS.
E = Exceeds instrument calibration range.
Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	84	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: VMP-12-25-051013

Lab ID#: 1305296A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052211**	**Date of Collection: 5/10/13 11:19:00 AM**	
Dil. Factor:	**5300**	**Date of Analysis: 5/22/13 06:58 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	2600	Not Detected	13000	Not Detected
Freon 114	2600	Not Detected	18000	Not Detected
Chloromethane	26000	Not Detected	55000	Not Detected
Vinyl Chloride	2600	Not Detected	6800	Not Detected
1,3-Butadiene	2600	Not Detected	5900	Not Detected
Bromomethane	26000	Not Detected	100000	Not Detected
Chloroethane	11000	Not Detected	28000	Not Detected
Freon 11	2600	Not Detected	15000	Not Detected
Ethanol	11000	Not Detected	20000	Not Detected
Freon 113	2600	Not Detected	20000	Not Detected
1,1-Dichloroethene	2600	Not Detected	10000	Not Detected
Acetone	26000	68000 J	63000	160000 J
2-Propanol	11000	Not Detected	26000	Not Detected
Carbon Disulfide	11000	Not Detected	33000	Not Detected
3-Chloropropene	11000	Not Detected	33000	Not Detected
Methylene Chloride	26000	Not Detected	92000	Not Detected
Methyl tert-butyl ether	2600	Not Detected UJ UJ	9600	Not Detected UJ UJ
trans-1,2-Dichloroethene	2600	Not Detected	10000	Not Detected
Hexane	2600	Not Detected	9300	Not Detected
1,1-Dichloroethane	2600	Not Detected	11000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	11000	Not Detected	31000	Not Detected
cis-1,2-Dichloroethene	2600	Not Detected	10000	Not Detected
Tetrahydrofuran	2600	Not Detected	7800	Not Detected
Chloroform	2600	Not Detected	13000	Not Detected
1,1,1-Trichloroethane	2600	Not Detected	14000	Not Detected
Cyclohexane	2600	5300	9100	18000
Carbon Tetrachloride	2600	Not Detected	17000	Not Detected
2,2,4-Trimethylpentane	2600	400000	12000	1900000
Benzene	2600	Not Detected	8500	Not Detected
1,2-Dichloroethane	2600	Not Detected	11000	Not Detected
Heptane	2600	Not Detected	11000	Not Detected
Trichloroethene	2600	Not Detected	14000	Not Detected
1,2-Dichloropropane	2600	Not Detected	12000	Not Detected
1,4-Dioxane	11000	Not Detected	38000	Not Detected
Bromodichloromethane	2600	Not Detected	18000	Not Detected
cis-1,3-Dichloropropene	2600	Not Detected	12000	Not Detected
4-Methyl-2-pentanone	2600	Not Detected	11000	Not Detected
Toluene	2600	Not Detected	10000	Not Detected
trans-1,3-Dichloropropene	2600	Not Detected	12000	Not Detected
1,1,2-Trichloroethane	2600	Not Detected	14000	Not Detected
Tetrachloroethene	2600	Not Detected	18000	Not Detected
2-Hexanone	11000	Not Detected	43000	Not Detected

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Client Sample ID: VMP-12-25-051013

Lab ID#: 1305296A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052211**	**Date of Collection: 5/10/13 11:19:00 AM**	
Dil. Factor:	**5300**	**Date of Analysis: 5/22/13 06:58 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	2600	Not Detected	22000	Not Detected
1,2-Dibromoethane (EDB)	2600	Not Detected	20000	Not Detected
Chlorobenzene	2600	Not Detected	12000	Not Detected
Ethyl Benzene	2600	Not Detected	12000	Not Detected
m,p-Xylene	2600	Not Detected	12000	Not Detected
o-Xylene	2600	Not Detected	12000	Not Detected
Styrene	2600	1100 J	11000	4700 J
Bromoform	2600	Not Detected	27000	Not Detected
Cumene	2600	Not Detected	13000	Not Detected
1,1,2,2-Tetrachloroethane	2600	Not Detected	18000	Not Detected
Propylbenzene	2600	Not Detected	13000	Not Detected
4-Ethyltoluene	2600	Not Detected	13000	Not Detected
1,3,5-Trimethylbenzene	2600	Not Detected	13000	Not Detected
1,2,4-Trimethylbenzene	2600	Not Detected	13000	Not Detected
1,3-Dichlorobenzene	2600	Not Detected	16000	Not Detected
1,4-Dichlorobenzene	2600	Not Detected	16000	Not Detected
alpha-Chlorotoluene	2600	Not Detected	14000	Not Detected
1,2-Dichlorobenzene	2600	Not Detected	16000	Not Detected
1,2,4-Trichlorobenzene	11000	Not Detected	79000	Not Detected
Hexachlorobutadiene	11000	Not Detected	110000	Not Detected
Butane	11000	39000	25000	94000
Isopentane	11000	850000	31000	2500000

UJ = Non-detected compound associated with low bias in the CCV and/or LCS.
J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	86	70-130
4-Bromofluorobenzene	91	70-130

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Client Sample ID: VMP-I2-39-051013

Lab ID#: 1305296A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052213**	**Date of Collection:**	**5/10/13 1:47:00 PM**
Dil. Factor:	**8370**	**Date of Analysis:**	**5/22/13 08:54 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	4200	Not Detected	21000	Not Detected
Freon 114	4200	Not Detected	29000	Not Detected
Chloromethane	42000	Not Detected	86000	Not Detected
Vinyl Chloride	4200	Not Detected	11000	Not Detected
1,3-Butadiene	4200	Not Detected	9200	Not Detected
Bromomethane	42000	Not Detected	160000	Not Detected
Chloroethane	17000	Not Detected	44000	Not Detected
Freon 11	4200	Not Detected	24000	Not Detected
Ethanol	17000	Not Detected	32000	Not Detected
Freon 113	4200	Not Detected	32000	Not Detected
1,1-Dichloroethene	4200	Not Detected	16000	Not Detected
Acetone	42000	82000 J	99000	200000 J
2-Propanol	17000	Not Detected	41000	Not Detected
Carbon Disulfide	17000	Not Detected	52000	Not Detected
3-Chloropropene	17000	Not Detected	52000	Not Detected
Methylene Chloride	42000	Not Detected	140000	Not Detected
Methyl tert-butyl ether	4200	Not Detected UJ UJ	15000	Not Detected UJ UJ
trans-1,2-Dichloroethene	4200	Not Detected	16000	Not Detected
Hexane	4200	28000	15000	99000
1,1-Dichloroethane	4200	Not Detected	17000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	17000	Not Detected	49000	Not Detected
cis-1,2-Dichloroethene	4200	Not Detected	16000	Not Detected
Tetrahydrofuran	4200	Not Detected	12000	Not Detected
Chloroform	4200	Not Detected	20000	Not Detected
1,1,1-Trichloroethane	4200	Not Detected	23000	Not Detected
Cyclohexane	4200	26000	14000	91000
Carbon Tetrachloride	4200	Not Detected	26000	Not Detected
2,2,4-Trimethylpentane	4200	440000	20000	2000000
Benzene	4200	520000	13000	1700000
1,2-Dichloroethane	4200	Not Detected	17000	Not Detected
Heptane	4200	9700	17000	40000
Trichloroethene	4200	Not Detected	22000	Not Detected
1,2-Dichloropropane	4200	Not Detected	19000	Not Detected
1,4-Dioxane	17000	Not Detected	60000	Not Detected
Bromodichloromethane	4200	Not Detected	28000	Not Detected
cis-1,3-Dichloropropene	4200	Not Detected	19000	Not Detected
4-Methyl-2-pentanone	4200	Not Detected	17000	Not Detected
Toluene	4200	Not Detected	16000	Not Detected
trans-1,3-Dichloropropene	4200	Not Detected	19000	Not Detected
1,1,2-Trichloroethane	4200	Not Detected	23000	Not Detected
Tetrachloroethene	4200	Not Detected	28000	Not Detected
2-Hexanone	17000	Not Detected	68000	Not Detected

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Client Sample ID: VMP-12-39-051013

Lab ID#: 1305296A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052213**	**Date of Collection: 5/10/13 1:47:00 PM**	
Dil. Factor:	**8370**	**Date of Analysis: 5/22/13 08:54 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	4200	Not Detected	36000	Not Detected
1,2-Dibromoethane (EDB)	4200	Not Detected	32000	Not Detected
Chlorobenzene	4200	Not Detected	19000	Not Detected
Ethyl Benzene	4200	5400	18000	24000
m,p-Xylene	4200	2000 J	18000	8800 J
o-Xylene	4200	Not Detected	18000	Not Detected
Styrene	4200	Not Detected	18000	Not Detected
Bromoform	4200	Not Detected	43000	Not Detected
Cumene	4200	1200 J	20000	6000 J
1,1,2,2-Tetrachloroethane	4200	Not Detected	29000	Not Detected
Propylbenzene	4200	1700 J	20000	8300 J
4-Ethyltoluene	4200	730 J	20000	3600 J
1,3,5-Trimethylbenzene	4200	Not Detected	20000	Not Detected
1,2,4-Trimethylbenzene	4200	960 J	20000	4700 J
1,3-Dichlorobenzene	4200	Not Detected	25000	Not Detected
1,4-Dichlorobenzene	4200	Not Detected	25000	Not Detected
alpha-Chlorotoluene	4200	Not Detected	22000	Not Detected
1,2-Dichlorobenzene	4200	Not Detected	25000	Not Detected
1,2,4-Trichlorobenzene	17000	Not Detected	120000	Not Detected
Hexachlorobutadiene	17000	Not Detected	180000	Not Detected
Butane	17000	96000	40000	230000
Isopentane	17000	1100000	49000	3300000

UJ = Non-detected compound associated with low bias in the CCV and/or LCS.
J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	85	70-130
4-Bromofluorobenzene	90	70-130

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Client Sample ID: VMP-15-25.5-050913

Lab ID#: I305296A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052215**	**Date of Collection: 5/9/13 11:46:00 AM**	
Dil. Factor:	**1990**	**Date of Analysis: 5/22/13 10:27 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1000	Not Detected	4900	Not Detected
Freon 114	1000	Not Detected	7000	Not Detected
Chloromethane	10000	Not Detected	20000	Not Detected
Vinyl Chloride	1000	Not Detected	2500	Not Detected
1,3-Butadiene	1000	Not Detected	2200	Not Detected
Bromomethane	10000	Not Detected	39000	Not Detected
Chloroethane	4000	Not Detected	10000	Not Detected
Freon 11	1000	Not Detected	5600	Not Detected
Ethanol	4000	Not Detected	7500	Not Detected
Freon 113	1000	Not Detected	7600	Not Detected
1,1-Dichloroethene	1000	Not Detected	3900	Not Detected
Acetone	10000	22000	24000	52000
2-Propanol	4000	Not Detected	9800	Not Detected
Carbon Disulfide	4000	Not Detected	12000	Not Detected
3-Chloropropene	4000	Not Detected	12000	Not Detected
Methylene Chloride	10000	Not Detected	34000	Not Detected
Methyl tert-butyl ether	1000	Not Detected UJ	3600	Not Detected UJ
trans-1,2-Dichloroethene	1000	Not Detected	3900	Not Detected
Hexane	1000	Not Detected	3500	Not Detected
1,1-Dichloroethane	1000	Not Detected	4000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4000	Not Detected	12000	Not Detected
cis-1,2-Dichloroethene	1000	Not Detected	3900	Not Detected
Tetrahydrofuran	1000	Not Detected	2900	Not Detected
Chloroform	1000	Not Detected	4800	Not Detected
1,1,1-Trichloroethane	1000	Not Detected	5400	Not Detected
Cyclohexane	1000	2500	3400	8600
Carbon Tetrachloride	1000	Not Detected	6300	Not Detected
2,2,4-Trimethylpentane	1000	100000	4600	480000
Benzene	1000	Not Detected	3200	Not Detected
1,2-Dichloroethane	1000	Not Detected	4000	Not Detected
Heptane	1000	Not Detected	4100	Not Detected
Trichloroethene	1000	Not Detected	5300	Not Detected
1,2-Dichloropropane	1000	Not Detected	4600	Not Detected
1,4-Dioxane	4000	Not Detected	14000	Not Detected
Bromodichloromethane	1000	Not Detected	6700	Not Detected
cis-1,3-Dichloropropene	1000	Not Detected	4500	Not Detected
4-Methyl-2-pentanone	1000	Not Detected	4100	Not Detected
Toluene	1000	Not Detected	3700	Not Detected
trans-1,3-Dichloropropene	1000	Not Detected	4500	Not Detected
1,1,2-Trichloroethane	1000	Not Detected	5400	Not Detected
Tetrachloroethene	1000	Not Detected	6700	Not Detected
2-Hexanone	4000	Not Detected	16000	Not Detected

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Client Sample ID: VMP-15-25.5-050913

Lab ID#: 1305296A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052215**	**Date of Collection: 5/9/13 11:46:00 AM**	
Dil. Factor:	**1990**	**Date of Analysis: 5/22/13 10:27 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1000	Not Detected	8500	Not Detected
1,2-Dibromoethane (EDB)	1000	Not Detected	7600	Not Detected
Chlorobenzene	1000	Not Detected	4600	Not Detected
Ethyl Benzene	1000	Not Detected	4300	Not Detected
m,p-Xylene	1000	Not Detected	4300	Not Detected
o-Xylene	1000	Not Detected	4300	Not Detected
Styrene	1000	Not Detected	4200	Not Detected
Bromoform	1000	Not Detected	10000	Not Detected
Cumene	1000	Not Detected	4900	Not Detected
1,1,2,2-Tetrachloroethane	1000	Not Detected	6800	Not Detected
Propylbenzene	1000	Not Detected	4900	Not Detected
4-Ethyltoluene	1000	Not Detected	4900	Not Detected
1,3,5-Trimethylbenzene	1000	Not Detected	4900	Not Detected
1,2,4-Trimethylbenzene	1000	Not Detected	4900	Not Detected
1,3-Dichlorobenzene	1000	Not Detected	6000	Not Detected
1,4-Dichlorobenzene	1000	Not Detected	6000	Not Detected
alpha-Chlorotoluene	1000	Not Detected	5200	Not Detected
1,2-Dichlorobenzene	1000	Not Detected	6000	Not Detected
1,2,4-Trichlorobenzene	4000	Not Detected	30000	Not Detected
Hexachlorobutadiene	4000	Not Detected	42000	Not Detected
Butane	4000	25000	9500	60000
Isopentane	4000	330000	12000	970000

UJ = Non-detected compound associated with low bias in the CCV and/or LCS.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	86	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: VMP-15-25.5-050913

Lab ID#: 1305296A-04B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052214**	**Date of Collection:**	**5/9/13 11:46:00 AM**
Dil. Factor:	**1200**	**Date of Analysis:**	**5/22/13 09:41 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	600	Not Detected	3000	Not Detected
Freon 114	600	Not Detected	4200	Not Detected
Chloromethane	6000	Not Detected	12000	Not Detected
Vinyl Chloride	600	Not Detected	1500	Not Detected
1,3-Butadiene	600	Not Detected	1300	Not Detected
Bromomethane	6000	Not Detected	23000	Not Detected
Chloroethane	2400	Not Detected	6300	Not Detected
Freon 11	600	Not Detected	3400	Not Detected
Ethanol	2400	Not Detected	4500	Not Detected
Freon 113	600	Not Detected	4600	Not Detected
1,1-Dichloroethene	600	Not Detected	2400	Not Detected
Acetone	6000	23000 J	14000	55000 J
2-Propanol	2400	Not Detected	5900	Not Detected
Carbon Disulfide	2400	Not Detected	7500	Not Detected
3-Chloropropene	2400	Not Detected	7500	Not Detected
Methylene Chloride	6000	Not Detected	21000	Not Detected
Methyl tert-butyl ether	600	Not Detected UJ UJ	2200	Not Detected UJ UJ
trans-1,2-Dichloroethene	600	Not Detected	2400	Not Detected
Hexane	600	Not Detected	2100	Not Detected
1,1-Dichloroethane	600	Not Detected	2400	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2400	Not Detected	7100	Not Detected
cis-1,2-Dichloroethene	600	Not Detected	2400	Not Detected
Tetrahydrofuran	600	Not Detected	1800	Not Detected
Chloroform	600	Not Detected	2900	Not Detected
1,1,1-Trichloroethane	600	Not Detected	3300	Not Detected
Cyclohexane	600	2600	2100	8900
Carbon Tetrachloride	600	Not Detected	3800	Not Detected
2,2,4-Trimethylpentane	600	100000	2800	480000
Benzene	600	Not Detected	1900	Not Detected
1,2-Dichloroethane	600	Not Detected	2400	Not Detected
Heptane	600	Not Detected	2400	Not Detected
Trichloroethene	600	Not Detected	3200	Not Detected
1,2-Dichloropropane	600	Not Detected	2800	Not Detected
1,4-Dioxane	2400	Not Detected	8600	Not Detected
Bromodichloromethane	600	Not Detected	4000	Not Detected
cis-1,3-Dichloropropene	600	Not Detected	2700	Not Detected
4-Methyl-2-pentanone	600	Not Detected	2400	Not Detected
Toluene	600	Not Detected	2300	Not Detected
trans-1,3-Dichloropropene	600	Not Detected	2700	Not Detected
1,1,2-Trichloroethane	600	Not Detected	3300	Not Detected
Tetrachloroethene	600	Not Detected	4100	Not Detected
2-Hexanone	2400	Not Detected	9800	Not Detected

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Client Sample ID: VMP-15-25.5-050913

Lab ID#: 1305296A-04B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052214**	**Date of Collection: 5/9/13 11:46:00 AM**	
Dil. Factor:	**1200**	**Date of Analysis: 5/22/13 09:41 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	600	Not Detected	5100	Not Detected
1,2-Dibromoethane (EDB)	600	Not Detected	4600	Not Detected
Chlorobenzene	600	Not Detected	2800	Not Detected
Ethyl Benzene	600	Not Detected	2600	Not Detected
m,p-Xylene	600	Not Detected	2600	Not Detected
o-Xylene	600	Not Detected	2600	Not Detected
Styrene	600	Not Detected	2600	Not Detected
Bromoform	600	Not Detected	6200	Not Detected
Cumene	600	Not Detected	2900	Not Detected
1,1,2,2-Tetrachloroethane	600	Not Detected	4100	Not Detected
Propylbenzene	600	Not Detected	2900	Not Detected
4-Ethyltoluene	600	Not Detected	2900	Not Detected
1,3,5-Trimethylbenzene	600	Not Detected	2900	Not Detected
1,2,4-Trimethylbenzene	600	Not Detected	2900	Not Detected
1,3-Dichlorobenzene	600	Not Detected	3600	Not Detected
1,4-Dichlorobenzene	600	Not Detected	3600	Not Detected
alpha-Chlorotoluene	600	Not Detected	3100	Not Detected
1,2-Dichlorobenzene	600	Not Detected	3600	Not Detected
1,2,4-Trichlorobenzene	2400	Not Detected	18000	Not Detected
Hexachlorobutadiene	2400	Not Detected	26000	Not Detected
Butane	2400	27000	5700	65000
~~Isopentane~~	~~2400~~	~~330000 E~~	~~7100~~	~~990000 E~~

UJ = Non-detected compound associated with low bias in the CCV and/or LCS.
E = Exceeds instrument calibration range.
Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VMP-15-29-050913

Lab ID#: 1305296A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052217**	**Date of Collection:**	**5/9/13 2:14:00 PM**
Dil. Factor:	**590**	**Date of Analysis:**	**5/23/13 06:43 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	300	Not Detected	1400	Not Detected
Freon 114	300	Not Detected	2100	Not Detected
Chloromethane	3000	Not Detected	6100	Not Detected
Vinyl Chloride	300	Not Detected	750	Not Detected
1,3-Butadiene	300	Not Detected	650	Not Detected
Bromomethane	3000	Not Detected	11000	Not Detected
Chloroethane	1200	Not Detected	3100	Not Detected
Freon 11	300	Not Detected	1600	Not Detected
Ethanol	1200	Not Detected	2200	Not Detected
Freon 113	300	Not Detected	2300	Not Detected
1,1-Dichloroethene	300	Not Detected	1200	Not Detected
Acetone	3000	4600 J	7000	11000 J
2-Propanol	1200	Not Detected	2900	Not Detected
Carbon Disulfide	1200	Not Detected	3700	Not Detected
3-Chloropropene	1200	Not Detected	3700	Not Detected
Methylene Chloride	3000	Not Detected	10000	Not Detected
Methyl tert-butyl ether	300	Not Detected UJ UJ	1100	Not Detected UJ UJ
trans-1,2-Dichloroethene	300	Not Detected	1200	Not Detected
Hexane	300	Not Detected	1000	Not Detected
1,1-Dichloroethane	300	Not Detected	1200	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1200	Not Detected	3500	Not Detected
cis-1,2-Dichloroethene	300	Not Detected	1200	Not Detected
Tetrahydrofuran	300	Not Detected	870	Not Detected
Chloroform	300	Not Detected	1400	Not Detected
1,1,1-Trichloroethane	300	Not Detected	1600	Not Detected
Cyclohexane	300	740	1000	2600
Carbon Tetrachloride	300	Not Detected	1800	Not Detected
2,2,4-Trimethylpentane	300	19000	1400	89000
Benzene	300	Not Detected	940	Not Detected
1,2-Dichloroethane	300	Not Detected	1200	Not Detected
Heptane	300	Not Detected	1200	Not Detected
Trichloroethene	300	Not Detected	1600	Not Detected
1,2-Dichloropropane	300	Not Detected	1400	Not Detected
1,4-Dioxane	1200	Not Detected	4200	Not Detected
Bromodichloromethane	300	Not Detected	2000	Not Detected
cis-1,3-Dichloropropene	300	Not Detected	1300	Not Detected
4-Methyl-2-pentanone	300	Not Detected	1200	Not Detected
Toluene	300	Not Detected	1100	Not Detected
trans-1,3-Dichloropropene	300	Not Detected	1300	Not Detected
1,1,2-Trichloroethane	300	Not Detected	1600	Not Detected
Tetrachloroethene	300	Not Detected	2000	Not Detected
2-Hexanone	1200	Not Detected	4800	Not Detected

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Client Sample ID: VMP-15-29-050913

Lab ID#: 1305296A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052217**	**Date of Collection: 5/9/13 2:14:00 PM**	
Dil. Factor:	**590**	**Date of Analysis: 5/23/13 06:43 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	300	Not Detected	2500	Not Detected
1,2-Dibromoethane (EDB)	300	Not Detected	2300	Not Detected
Chlorobenzene	300	Not Detected	1400	Not Detected
Ethyl Benzene	300	Not Detected	1300	Not Detected
m,p-Xylene	300	Not Detected	1300	Not Detected
o-Xylene	300	Not Detected	1300	Not Detected
Styrene	300	Not Detected	1200	Not Detected
Bromoform	300	Not Detected	3000	Not Detected
Cumene	300	Not Detected	1400	Not Detected
1,1,2,2-Tetrachloroethane	300	Not Detected	2000	Not Detected
Propylbenzene	300	Not Detected	1400	Not Detected
4-Ethyltoluene	300	Not Detected	1400	Not Detected
1,3,5-Trimethylbenzene	300	Not Detected	1400	Not Detected
1,2,4-Trimethylbenzene	300	Not Detected	1400	Not Detected
1,3-Dichlorobenzene	300	Not Detected	1800	Not Detected
1,4-Dichlorobenzene	300	Not Detected	1800	Not Detected
alpha-Chlorotoluene	300	Not Detected	1500	Not Detected
1,2-Dichlorobenzene	300	Not Detected	1800	Not Detected
1,2,4-Trichlorobenzene	1200	Not Detected	8800	Not Detected
Hexachlorobutadiene	1200	Not Detected	12000	Not Detected
Butane	1200	4600	2800	11000
Isopentane	1200	68000	3500	200000

UJ = Non-detected compound associated with low bias in the CCV and/or LCS.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	87	70-130
4-Bromofluorobenzene	98	70-130

Client Sample ID: Lab Blank

Lab ID#: 1305296A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052207a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/22/13 03:14 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	0.50	Not Detected UJ	1.8	Not Detected UJ
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1305296A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052207a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/22/13 03:14 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Butane	2.0	Not Detected	4.8	Not Detected
Isopentane	2.0	Not Detected	5.9	Not Detected

UJ = Non-detected compound associated with low bias in the CCV and/or LCS.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: CCV

Lab ID#: 1305296A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/22/13 09:44 AM**	

Compound	%Recovery
Freon 12	78
Freon 114	86
Chloromethane	76
Vinyl Chloride	86
1,3-Butadiene	92
Bromomethane	116
Chloroethane	87
Freon 11	77
Ethanol	122
Freon 113	86
1,1-Dichloroethene	88
Acetone	88
2-Propanol	78
Carbon Disulfide	78
3-Chloropropene	91
Methylene Chloride	82
Methyl tert-butyl ether	63 Q
trans-1,2-Dichloroethene	85
Hexane	86
1,1-Dichloroethane	79
2-Butanone (Methyl Ethyl Ketone)	91
cis-1,2-Dichloroethene	84
Tetrahydrofuran	86
Chloroform	79
1,1,1-Trichloroethane	71
Cyclohexane	86
Carbon Tetrachloride	80
2,2,4-Trimethylpentane	82
Benzene	89
1,2-Dichloroethane	79
Heptane	93
Trichloroethene	91
1,2-Dichloropropane	86
1,4-Dioxane	89
Bromodichloromethane	85
cis-1,3-Dichloropropene	83
4-Methyl-2-pentanone	90
Toluene	85
trans-1,3-Dichloropropene	84
1,1,2-Trichloroethane	87
Tetrachloroethene	89
2-Hexanone	92

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Client Sample ID: CCV

Lab ID#: 1305296A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052202**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/22/13 09:44 AM**

Compound	%Recovery
Dibromochloromethane	90
1,2-Dibromoethane (EDB)	89
Chlorobenzene	86
Ethyl Benzene	97
m,p-Xylene	97
o-Xylene	95
Styrene	98
Bromoform	97
Cumene	90
1,1,2,2-Tetrachloroethane	87
Propylbenzene	95
4-Ethyltoluene	95
1,3,5-Trimethylbenzene	96
1,2,4-Trimethylbenzene	103
1,3-Dichlorobenzene	94
1,4-Dichlorobenzene	88
alpha-Chlorotoluene	79
1,2-Dichlorobenzene	88
1,2,4-Trichlorobenzene	93
Hexachlorobutadiene	88
Butane	87
Isopentane	87

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	85	70-130
4-Bromofluorobenzene	109	70-130

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Client Sample ID: LCS
Lab ID#: 1305296A-08A
EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052204**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/22/13 11:56 AM**

Compound	%Recovery
Freon 12	101
Freon 114	111
Chloromethane	100
Vinyl Chloride	112
1,3-Butadiene	118
Bromomethane	149 Q
Chloroethane	111
Freon 11	99
Ethanol	127
Freon 113	111
1,1-Dichloroethene	120
Acetone	115
2-Propanol	112
Carbon Disulfide	118
3-Chloropropene	131 Q
Methylene Chloride	106
Methyl tert-butyl ether	88
trans-1,2-Dichloroethene	128
Hexane	110
1,1-Dichloroethane	103
2-Butanone (Methyl Ethyl Ketone)	121
cis-1,2-Dichloroethene	111
Tetrahydrofuran	111
Chloroform	101
1,1,1-Trichloroethane	96
Cyclohexane	110
Carbon Tetrachloride	106
2,2,4-Trimethylpentane	102
Benzene	114
1,2-Dichloroethane	98
Heptane	114
Trichloroethene	116
1,2-Dichloropropane	107
1,4-Dioxane	114
Bromodichloromethane	109
cis-1,3-Dichloropropene	111
4-Methyl-2-pentanone	117
Toluene	107
trans-1,3-Dichloropropene	114
1,1,2-Trichloroethane	113
Tetrachloroethene	115
2-Hexanone	128

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Client Sample ID: LCS

Lab ID#: 1305296A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052204**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/22/13 11:56 AM**	

Compound	%Recovery
Dibromochloromethane	116
1,2-Dibromoethane (EDB)	118
Chlorobenzene	108
Ethyl Benzene	122
m,p-Xylene	124
o-Xylene	122
Styrene	127
Bromoform	120
Cumene	115
1,1,2,2-Tetrachloroethane	111
Propylbenzene	125
4-Ethyltoluene	117
1,3,5-Trimethylbenzene	123
1,2,4-Trimethylbenzene	130
1,3-Dichlorobenzene	121
1,4-Dichlorobenzene	114
alpha-Chlorotoluene	108
1,2-Dichlorobenzene	115
1,2,4-Trichlorobenzene	116
Hexachlorobutadiene	110
Butane	107
Isopentane	116

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	85	70-130
4-Bromofluorobenzene	108	70-130

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Client Sample ID: LCSD

Lab ID#: 1305296A-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052205**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/22/13 12:50 PM**	

Compound	%Recovery
Freon 12	98
Freon 114	108
Chloromethane	97
Vinyl Chloride	111
1,3-Butadiene	116
Bromomethane	145 Q
Chloroethane	108
Freon 11	95
Ethanol	126
Freon 113	108
1,1-Dichloroethene	119
Acetone	113
2-Propanol	108
Carbon Disulfide	116
3-Chloropropene	129
Methylene Chloride	102
Methyl tert-butyl ether	87
trans-1,2-Dichloroethene	124
Hexane	107
1,1-Dichloroethane	100
2-Butanone (Methyl Ethyl Ketone)	120
cis-1,2-Dichloroethene	109
Tetrahydrofuran	108
Chloroform	98
1,1,1-Trichloroethane	92
Cyclohexane	108
Carbon Tetrachloride	102
2,2,4-Trimethylpentane	100
Benzene	113
1,2-Dichloroethane	99
Heptane	114
Trichloroethene	115
1,2-Dichloropropane	107
1,4-Dioxane	114
Bromodichloromethane	108
cis-1,3-Dichloropropene	110
4-Methyl-2-pentanone	116
Toluene	106
trans-1,3-Dichloropropene	117
1,1,2-Trichloroethane	114
Tetrachloroethene	115
2-Hexanone	129

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Client Sample ID: LCSD

Lab ID#: 1305296A-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052205**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/22/13 12:50 PM**	

Compound	%Recovery
Dibromochloromethane	118
1,2-Dibromoethane (EDB)	119
Chlorobenzene	108
Ethyl Benzene	124
m,p-Xylene	127
o-Xylene	124
Styrene	129
Bromoform	121
Cumene	117
1,1,2,2-Tetrachloroethane	112
Propylbenzene	127
4-Ethyltoluene	121
1,3,5-Trimethylbenzene	126
1,2,4-Trimethylbenzene	135 Q
1,3-Dichlorobenzene	124
1,4-Dichlorobenzene	115
alpha-Chlorotoluene	110
1,2-Dichlorobenzene	118
1,2,4-Trichlorobenzene	122
Hexachlorobutadiene	113
Butane	104
Isopentane	112

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	82	70-130
4-Bromofluorobenzene	110	70-130

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian
PO. #
INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0
SAP #: 3 4 0 0 6 1
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 05/13/13
PAGE: 1 of 1

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE -- ROXANA
State: IL
GLOBAL ID NO:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST. LOUIS, MO 63110
EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO: 314-743-4179
E-MAIL: Elizabeth_Kunkel@URSCorp.com
CONSULTANT PROJECT NAME: Roxana Soil Vapor
Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road Suite B, Folsom, CA 95630-4719
S. Fisher, L. Rathnow, B. Lehan, C. Williams.
TELEPHONE: 314-429-0100
FAX: 314-429-0462
Bill To Contact E-MAIL: Robert.Mooshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

☐ IA - RWQCB REPORT FORMAT ☑ UST AGENCY:
DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY) _____

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

Turn Around Time: ☑ Normal ☐ Rush ☐ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N2 He

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946				
CH	VMP-1-38.5-050913	05/09/13	1042-1112	37420	-29.5	-6.5			X	X					
JH	VMP-12-25-051013	05/10/13	1045-1119	37739	-30	-7.5			X	X					
JH	VMP-12-39-051013	05/10/13	1313-1347	37377	-25.5	-6			X	X					
JH	VMP-15-25.5-050913	05/09/13	1118-1146	30822	-30	-10			X	X					
JH	VMP-15-39-050913	05/09/13	1341-1414	36414	-30	-10			X	X					

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

FedEx
Custody Seal Intact?
Y N None Temp NA

Relinquished by: (Signature)	Received by: (Signature) FEDEX	Date: 5/13/13	Time: 1700
Relinquished by: (Signature)	Received by: (Signature) Katie Decker ATL	Date: 05/14/13	Time: 0945
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

05/2006 Revision

1305296

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5/31/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305296B

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/14/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1305296B

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/14/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/31/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-1-38.5-050913	Modified ASTM D-1946	7.3 "Hg	15 psi
02A	VMP-12-25-051013	Modified ASTM D-1946	7.3 "Hg	14.7 psi
03A	VMP-12-39-051013	Modified ASTM D-1946	5.9 "Hg	14.9 psi
04A	VMP-15-25.5-050913	Modified ASTM D-1946	9.8 "Hg	14.9 psi
05A	VMP-15-29-050913	Modified ASTM D-1946	9.8 "Hg	14.5 psi
06A	Lab Blank	Modified ASTM D-1946	NA	NA
06B	Lab Blank	Modified ASTM D-1946	NA	NA
07A	LCS	Modified ASTM D-1946	NA	NA
07AA	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 05/31/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified ASTM D-1946
URS Corporation
Workorder# 1305296B

Five 1 Liter Summa Canister samples were received on May 13, 2013. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane and fixed gases in air using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Since Nitrogen is used to pressurize samples, the reported Nitrogen values are calculated by adding all the sample components and subtracting from 100%.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*ASTM D-1946*	*ATL Modifications*
Calibration	A single point ealibration is performed using a reference standard elosely matching the eomposition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily ealibration standard whieh may or may not resemble the eomposition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole perecnt values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each eoneentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

The reporting limit for Nitrogen was raised from 0.10% to 0.50%.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-1-38.5-050913

Lab ID#: 1305296B-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	1.4
Nitrogen	1.3	46
Methane	0.00027	39
Carbon Dioxide	0.027	4.5
Ethane	0.0027	0.013

Client Sample ID: VMP-12-25-051013

Lab ID#: 1305296B-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.26	1.4
Nitrogen	1.3	64
Methane	0.00026	22
Carbon Dioxide	0.026	12
Ethane	0.0026	0.00045 J

Client Sample ID: VMP-12-39-051013

Lab ID#: 1305296B-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	4.9
Nitrogen	1.2	54
Methane	0.00025	28
Carbon Dioxide	0.025	12
Ethane	0.0025	0.00056 J

Client Sample ID: VMP-15-25.5-050913

Lab ID#: 1305296B-04A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	1.5
Nitrogen	1.5	80

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-15-25.5-050913

Lab ID#: 1305296B-04A

Methane	0.00030	4.4
Carbon Dioxide	0.030	14
Ethane	0.0030	0.0023 J
Helium	0.15	0.067 J

Client Sample ID: VMP-15-29-050913

Lab ID#: 1305296B-05A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	6.1
Nitrogen	1.5	85
Methane	0.00030	0.84
Carbon Dioxide	0.030	5.7
Ethane	0.0030	0.00047 J
Helium	0.15	2.0

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Client Sample ID: VMP-1-38.5-050913

Lab ID#: 1305296B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052223**	**Date of Collection:**	**5/9/13 11:12:00 AM**
Dil. Factor:	**2.68**	**Date of Analysis:**	**5/23/13 11:13 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	1.4
Nitrogen	1.3	46
Carbon Monoxide	0.027	Not Detected
Methane	0.00027	39
Carbon Dioxide	0.027	4.5
Ethane	0.0027	0.013
Ethene	0.0027	Not Detected
Helium	0.13	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-12-25-051013

Lab ID#: 1305296B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052222**	**Date of Collection:**	**5/10/13 11:19:00 AM**
Dil. Factor:	**2.65**	**Date of Analysis:**	**5/23/13 10:43 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.26	1.4
Nitrogen	1.3	64
Carbon Monoxide	0.026	Not Detected
Methane	0.00026	22
Carbon Dioxide	0.026	12
Ethane	0.0026	0.00045 J
Ethene	0.0026	Not Detected
Helium	0.13	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-12-39-051013

Lab ID#: 1305296B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052221**	**Date of Collection: 5/10/13 1:47:00 PM**	
Dil. Factor:	**2.51**	**Date of Analysis: 5/23/13 09:51 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.25	4.9
Nitrogen	1.2	54
Carbon Monoxide	0.025	Not Detected
Methane	0.00025	28
Carbon Dioxide	0.025	12
Ethane	0.0025	0.00056 J
Ethene	0.0025	Not Detected
Helium	0.12	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-15-25.5-050913

Lab ID#: 1305296B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052205**	**Date of Collection:**	**5/9/13 11:46:00 AM**
Dil. Factor:	**2.99**	**Date of Analysis:**	**5/22/13 05:51 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	1.5
Nitrogen	1.5	80
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	4.4
Carbon Dioxide	0.030	14
Ethane	0.0030	0.0023 J
Ethene	0.0030	Not Detected
Helium	0.15	0.067 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-15-29-050913

Lab ID#: 1305296B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052207**	**Date of Collection: 5/9/13 2:14:00 PM**	
Dil. Factor:	**2.95**	**Date of Analysis: 5/22/13 06:41 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	6.1
Nitrogen	1.5	85
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	0.84
Carbon Dioxide	0.030	5.7
Ethane	0.0030	0.00047 J
Ethene	0.0030	Not Detected
Helium	0.15	2.0

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: Lab Blank

Lab ID#: 1305296B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052204a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/22/13 05:12 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	0.018 J
Nitrogen	0.50	0.073 J
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected
Ethane	0.0010	Not Detected
Ethene	0.0010	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

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Client Sample ID: Lab Blank

Lab ID#: 1305296B-06B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052203c**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/22/13 04:50 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.050	Not Detected

Container Type: NA - Not Applicable

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Client Sample ID: LCS

Lab ID#: 1305296B-07A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10052202	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/22/13 04:20 PM	

Compound	%Recovery
Oxygen	101
Nitrogen	100
Carbon Monoxide	104
Methane	100
Carbon Dioxide	101
Ethane	99
Ethene	99
Helium	100

Container Type: NA - Not Applicable

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Client Sample ID: LCSD

Lab ID#: 1305296B-07AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052226**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/23/13 01:21 PM**	

Compound	%Recovery
Oxygen	103
Nitrogen	100
Carbon Monoxide	105
Methane	100
Carbon Dioxide	101
Ethane	99
Ethene	99
Helium	100

Container Type: NA - Not Applicable

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SOR&H ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian
INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 05/13/13
PAGE: 1 of 1
PO #:
SAP #: 3 4 0 0 6 1

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA
State: IL
GLOBAL ID NO.:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST. LOUIS, MO 63110
EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO.: 314-743-4179
E-MAIL: Elizabeth_Kunkel@URSCorp.com
CONSULTANT PROJECT NAME#: Roxana Soil Vapor
Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
S. Fisher, L. Rathnow, B. Lehan, C. Williams.
TELEPHONE: 314-429-0100
FAX: 314-429-0462
EDD To Contact E-MAIL: Robert.Mooshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

Turn Around Time:
☑ Normal
☐ Rush
Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N2 He

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
01A	VMP-1-38.5-050913	05/09/13	1042-1112	37420	-29.5	-6.5			X	X	
02A	VMP-12-25-051013	05/10/13	1045-1115	37739	-30	-7.5			X	X	
03A	VMP-12-39-051013	05/10/13	1313-1347	37377	-25.5	-6			X	X	
04A	VMP-15-25.5-050913	05/09/13	1118-1146	30822	-30	-10			X	X	
05A	VMP-15-29-050913	05/09/13	1341-1414	36414	-30	-10			X	X	

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

fedex
Custody Seal Intact?
Y N None Temp NA

5/13/13

Relinquished by: (Signature)	Received by: (Signature)	Date: 5/13/13	Time: 1700
Relinquished by: (Signature)	Received by: (Signature) FEDEX Kathy Dealy HTL	Date: 05/14/13	Time: 0945
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

05/2/06 Revision

1305296

Roxana Soil Vapor Quarterly – 2nd Quarter 2013 Data Review

Laboratory SDG: 1305318A,B

Data Reviewer: Melissa Mansker

Peer Reviewer: Elizabeth Kunkel

Date Reviewed: 6/24/2013

Guidance: USEPA National Functional Guidelines for Superfund Organic Methods Data Review 2008

Sample Identification	Sample Identification
VMP-4-5-050913	VMP-4-12-050913
VMP-6-39-050913	VMP-6-39-050913-Dup
VMP-15-5-050913	VMP-21-5-051013
VMP-21-10-051013	VMP-21-25-051013
VMP-21-33-051013	VMP-49-20-050913
VMP-12-5-051013	VMP-12-11.5-051013

1.0 Data Package Completeness

Were all items delivered as specified in the QAPP and COC as appropriate?

Yes

2.0 Laboratory Case Narrative \ Cooler Receipt Form

Were problems noted in the laboratory case narrative or cooler receipt form?

Yes, the laboratory case narrative indicated samples VMP-4-12-050913 and VMP-6-39-050913 were diluted due to high levels of target analytes. Although not indicated in the laboratory case narrative, TO-15 LCS/LCSD recoveries for bromomethane and ethanol were outside evaluation criteria. Analytes were detected in the method blank. Several analytes were qualified due to a greater than two times (2X) the reporting level difference, and field duplicate RPD outside evaluation criteria in field duplicate pair VMP-6-39-050913/VMP-6-39-050913-Dup. These issues are addressed further in the appropriate sections below.

No issues or discrepancies were noted in the cooler receipt form; however, the canister ID for VMP-21-33-051013 did not match the sample ID on the COC; the sample was reported properly using the canister sample ID.

3.0 Holding Times

Were samples extracted/analyzed within applicable limits?

Yes

4.0 Blank Contamination

Were any analytes detected in the Blanks?

Yes

Blank ID	Parameter	Analyte	Concentration/ Amount
1305318A-13A	TO-15	1,2-Dibromoethane (EDB)	0.10 ppbv / 0.78 µg/m^3
1305318A-13A	TO-15	Chlorobenzene	0.092 ppbv / 0.42 µg/m^3
1305318A-13A	TO-15	Styrene	0.11 ppbv / 0.47 µg/m^3
1305318A-13A	TO-15	Bromoform	0.092 ppbv / 0.95 µg/m^3
1305318A-13A	TO-15	1,1,2,2-Tetrachloroethane	0.11 ppbv / 0.76 µg/m^3
1305318A-13A	TO-15	1,2,4-Trimethylbenzene	0.094 ppbv / 0.46 µg/m^3
1305318A-13A	TO-15	1,3-Dichlorobenzene	0.25 ppbv / 1.5 µg/m^3
1305318A-13A	TO-15	1,4-Dichlorobenzene	0.32 ppbv / 1.9 µg/m^3
1305318A-13A	TO-15	alpha-Chlorotoluene	0.20 ppbv / 1.0 µg/m^3
1305318A-13A	TO-15	1,2-Dichlorobenzene	0.28 ppbv / 1.7 µg/m^3
1305318A-13A	TO-15	1,2,4-Trichlorobenzene	0.94 ppbv / 7.0 µg/m^3
1305318B-13A	Natural gases	Oxygen	0.018%
1305318B-13A	Natural gases	Nitrogen	0.073%

Qualifications due to blank contamination are included in the table below. Analytical data that were reported non-detect or at concentrations greater than five times (5X) the associated blank concentration did not require qualification.

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-4-5-050913	TO-15	1,2-Dibromoethane (EDB)	-	**U**
VMP-4-5-050913	TO-15	1,2,4-Trimethylbenzene	-	**U**
VMP-4-5-050913	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-4-5-050913	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-21-33-051013	TO-15	1,2,4-Trimethylbenzene	-	**U**

5.0 Laboratory Control Sample

Were LCS recoveries within evaluation criteria?

No

LCS/LCSD ID	Parameter	Analyte	LCS/LCSD Recovery	LCS/ LCSD RPD	LCS/LCSD /RPD Criteria
1305318A-15A/AA	TO-15	Bromomethane	**142/141**	1	70-130/25
1305318A-15A/AA	TO-15	Ethanol	**142/132**	7	70-130/25

Analytical data that required qualification based on LCS data are included in the table below. Analytical data reported as non-detect and associated with LCS recoveries above evaluation criteria, indicating a possible high bias, did not require qualification.

Sample ID	Parameter	Analyte	Qualification
VMP-4-5-050913	TO-15	Ethanol	**J**
VMP-6-39-050913	TO-15	Ethanol	**J**
VMP-12-5-051013	TO-15	Ethanol	**J**

6.0 Surrogate Recoveries

Were surrogate recoveries within evaluation criteria?

Yes

7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

Were MS/MSD samples analyzed as part of this SDG?

MS/MSD samples are not applicable for vapor samples, due to the inability to spike the samples.

8.0 Laboratory Duplicate Results

Were laboratory duplicate samples collected as part of this SDG?

Yes, sample VMP-6-39-050913 was duplicated and analyzed for TO-15.

Were field duplicate sample RPDs within evaluation criteria?

Yes

9.0 Field Duplicate Results

Were field duplicate samples collected as part of this SDG?

Yes

Field ID	Field Duplicate ID
VMP-6-39-050913	VMP-6-39-050913-Dup

Were field duplicate sample RPDs within evaluation criteria?

No

Field ID	Field Duplicate ID	Parameter	Analyte	RPD	Qualification
VMP-6-39-050913	VMP-6-39-050913-Dup	TO-15	Acetone	**>2X RL**	**J/J**
VMP-6-39-050913	VMP-6-39-050913-Dup	TO-15	2,2,4-Trimethylpentane	**192**	**J/J**
VMP-6-39-050913	VMP-6-39-050913-Dup	TO-15	Butane	**>2X RL**	**J/J**
VMP-6-39-050913	VMP-6-39-050913-Dup	TO-15	Isopentane	**>2X RL**	**J/J**
VMP-6-39-050913	VMP-6-39-050913-Dup	Natural gases	Methane	**190**	**J/J**

10.0 Sample Dilutions

For samples that were diluted and nondetect, were undiluted results also reported?

Not applicable; analytes were detected in samples that were diluted.

11.0 Additional Qualifications

Were additional qualifications applied?

No

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5/29/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305318A

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/14/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

Reviewed on
6/24/2013

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WORK ORDER #: 1305318A

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/14/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/29/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-4-5-050913	Modified TO-15	11 "Hg	14.5 psi
02A	VMP-4-12-050913	Modified TO-15	9.8 "Hg	15 psi
03A	VMP-6-39-050913	Modified TO-15	8.2 "Hg	14.5 psi
03AA	VMP-6-39-050913 Lab Duplicate	Modified TO-15	8.2 "Hg	14.5 psi
04A	VMP-6-39-050913-Dup	Modified TO-15	9.6 "Hg	14.6 psi
05A	VMP-15-5-050913	Modified TO-15	10.8 "Hg	15 psi
06A	VMP-21-5-051013	Modified TO-15	8.8 "Hg	15.1 psi
07A	VMP-21-10-051013	Modified TO-15	9.2 "Hg	15 psi
08A	VMP-21-25-051013	Modified TO-15	9.4 "Hg	15.1 psi
09A	VMP-21-33-051013	Modified TO-15	9 "Hg	14.5 psi
10A	VMP-49-20-050913	Modified TO-15	9.4 "Hg	15 psi
11A	VMP-12-5-051013	Modified TO-15	8.8 "Hg	14.6 psi
12A	VMP-12-11.5-051013	Modified TO-15	8.2 "Hg	14.9 psi
13A	Lab Blank	Modified TO-15	NA	NA
14A	CCV	Modified TO-15	NA	NA
15A	LCS	Modified TO-15	NA	NA
15AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 05/29/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
URS Corporation
Workorder# 1305318A

Twelve 1 Liter Summa Canister samples were received on May 14, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

The Chain of Custody (COC) information for sample VMP-21-33-051013 did not match the entry on the sample tag with regard to sample identification. The information on the sample tag was used to process and report the sample.

Analytical Notes

As per client project requirements, the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified (0.2 ppbv for compounds reported at 0.5 ppbv and 0.8 ppbv for compounds reported at 2.0 ppbv) may be false positives.

Dilution was performed on samples VMP-4-12-050913 and VMP-6-39-050913 due to the presence of high level target species.

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-4-5-050913

Lab ID#: 1305318A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.54 J	7.8	2.7 J
Ethanol	6.3	7.9 J	12	15 J
Acetone	16	20	37	47
2-Propanol	6.3	8.2	15	20
Hexane	1.6	2.6	5.5	9.3
2-Butanone (Methyl Ethyl Ketone)	6.3	6.1 J	18	18 J
Cyclohexane	1.6	0.49 J	5.4	1.7 J
2,2,4-Trimethylpentane	1.6	3.8	7.3	18
Benzene	1.6	0.82 J	5.0	2.6 J
4-Methyl-2-pentanone	1.6	0.44 J	6.4	1.8 J
Toluene	1.6	0.47 J	5.9	1.8 J
1,2-Dibromoethane (EDB)	1.6	~~0.21 J~~	12	~~1.6 J~~
Ethyl Benzene	1.6	0.51 J	6.8	2.2 J
m,p-Xylene	1.6	1.2 J	6.8	5.0 J
4-Ethyltoluene	1.6	0.46 J	7.7	2.3 J
1,2,4-Trimethylbenzene	1.6	~~0.44 J~~	7.7	~~2.1 J~~
1,3-Dichlorobenzene	1.6	~~0.37 J~~	9.4	~~2.2 J~~
1,2,4-Trichlorobenzene	6.3	~~1.0 J~~	47	~~7.7 J~~
Butane	6.3	10	15	25
Isopentane	6.3	13	18	38

Client Sample ID: VMP-4-12-050913

Lab ID#: 1305318A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	30	26 J	71	63 J
Hexane	3.0	12	10	44
Cyclohexane	3.0	5.1	10	18
2,2,4-Trimethylpentane	3.0	53	14	250
Benzene	3.0	0.73 J	9.6	2.3 J
Heptane	3.0	9.3	12	38
m,p-Xylene	3.0	1.8 J	13	7.9 J
o-Xylene	3.0	5.7	13	24

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-4-12-050913

Lab ID#: 1305318A-02A

Cumene	3.0	2.4 J	15	12 J
Propylbenzene	3.0	2.4 J	15	12 J
4-Ethyltoluene	3.0	5.9	15	29
1,3,5-Trimethylbenzene	3.0	1.4 J	15	6.9 J
1,2,4-Trimethylbenzene	3.0	2.8 J	15	14 J
Butane	12	630	28	1500
Isopentane	12	300	35	890

Client Sample ID: VMP-6-39-050913

Lab ID#: 1305318A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	11	17 J	20	32 J
Acetone	27	56 J	65	130 J
2-Propanol	11	6.7 J	27	16 J
2,2,4-Trimethylpentane	2.7	840 J	13	3900 J
Benzene	2.7	2.7	8.7	8.7
Heptane	2.7	1.3 J	11	5.4 J
Toluene	2.7	1.3 J	10	4.8 J
Ethyl Benzene	2.7	1.1 J	12	4.8 J
m,p-Xylene	2.7	2.3 J	12	10 J
o-Xylene	2.7	1.2 J	12	5.2 J
4-Ethyltoluene	2.7	0.73 J	13	3.6 J
1,2,4-Trimethylbenzene	2.7	0.50 J	13	2.4 J
Butane	11	81 J	26	190 J
Isopentane	11	610 J	32	1800 J

Client Sample ID: VMP-6-39-050913 Lab Duplicate

Lab ID#: 1305318A-03AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	11	10 J	20	19 J
Acetone	27	54	65	130
2-Propanol	11	6.0 J	27	15 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-6-39-050913 Lab Duplicate

Lab ID#: 1305318A-03AA

2,2,4-Trimethylpentane	2.7	810	13	3800
Benzene	2.7	2.5 J	8.7	7.9 J
Heptane	2.7	1.3 J	11	5.3 J
Toluene	2.7	1.4 J	10	5.3 J
Ethyl Benzene	2.7	1.0 J	12	4.5 J
m,p-Xylene	2.7	2.0 J	12	8.8 J
o-Xylene	2.7	1.1 J	12	4.6 J
4-Ethyltoluene	2.7	0.61 J	13	3.0 J
Butane	11	76	26	180
Isopentane	11	580	32	1700

Client Sample ID: VMP-6-39-050913-Dup

Lab ID#: I305318A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.48 J	7.2	2.4 J
Freon 11	1.5	0.29 J	8.2	1.6 J
Acetone	15	6.3 J J	35	15 J J
Hexane	1.5	0.47 J	5.2	1.6 J
2,2,4-Trimethylpentane	1.5	18 J	6.8	84 J
Benzene	1.5	1.1 J	4.7	3.6 J
Heptane	1.5	0.79 J	6.0	3.2 J
Toluene	1.5	0.36 J	5.5	1.4 J
m,p-Xylene	1.5	0.70 J	6.4	3.0 J
Butane	5.9	5.2 J J	14	12 J J
Isopentane	5.9	14 J	17	42 J

Client Sample ID: VMP-15-5-050913

Lab ID#: 1305318A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	16	13 J	38	31 J
2-Propanol	6.3	2.0 J	16	5.0 J
2,2,4-Trimethylpentane	1.6	0.60 J	7.4	2.8 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-15-5-050913

Lab ID#: 1305318A-05A

Benzene	1.6	1.4 J	5.0	4.4 J
Isopentane	6.3	5.9 J	19	17 J

Client Sample ID: VMP-21-5-051013

Lab ID#: 1305318A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.44 J	7.1	2.2 J
Acetone	14	22	34	52
2-Propanol	5.7	5.4 J	14	13 J
Hexane	1.4	8.3	5.0	29
Cyclohexane	1.4	3.3	4.9	11
2,2,4-Trimethylpentane	1.4	24	6.7	110
Benzene	1.4	0.99 J	4.6	3.1 J
Heptane	1.4	4.0	5.9	16
Toluene	1.4	0.56 J	5.4	2.1 J
m,p-Xylene	1.4	0.79 J	6.2	3.4 J
o-Xylene	1.4	0.52 J	6.2	2.2 J
Cumene	1.4	0.32 J	7.0	1.6 J
Propylbenzene	1.4	0.38 J	7.0	1.9 J
4-Ethyltoluene	1.4	0.66 J	7.0	3.3 J
1,2,4-Trimethylbenzene	1.4	0.53 J	7.0	2.6 J
Butane	5.7	250	14	600
Isopentane	5.7	180	17	530

Client Sample ID: VMP-21-10-051013

Lab ID#: 1305318A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.52 J	7.2	2.6 J
Acetone	14	8.7 J	34	21 J
2-Propanol	5.8	2.7 J	14	6.7 J
Hexane	1.4	1.4	5.1	5.1
2,2,4-Trimethylpentane	1.4	2.9	6.8	14

Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-21-10-051013

Lab ID#: 1305318A-07A

Benzene	1.4	0.32 J	4.6	1.0 J
Tetrachloroethene	1.4	1.2 J	9.9	7.9 J
Butane	5.8	2.7 J	14	6.5 J
Isopentane	5.8	6.6	17	20

Client Sample ID: VMP-21-25-051013

Lab ID#: 1305318A-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.51 J	7.3	2.5 J
Acetone	15	11 J	35	27 J
2-Propanol	5.9	1.8 J	14	4.3 J
Tetrachloroethene	1.5	10	10	70
Butane	5.9	27	14	64
Isopentane	5.9	10	17	30

Client Sample ID: VMP-21-33-051013

Lab ID#: 1305318A-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.60 J	7.0	3.0 J
Acetone	14	14	34	32
2-Propanol	5.7	2.1 J	14	5.2 J
Hexane	1.4	4.5	5.0	16
2-Butanone (Methyl Ethyl Ketone)	5.7	2.2 J	17	6.5 J
Cyclohexane	1.4	1.9	4.9	6.6
2,2,4-Trimethylpentane	1.4	13	6.6	59
Benzene	1.4	0.55 J	4.5	1.8 J
Heptane	1.4	2.6	5.8	11
Tetrachloroethene	1.4	6.0	9.6	41
m,p-Xylene	1.4	0.47 J	6.2	2.0 J
Propylbenzene	1.4	0.26 J	7.0	1.3 J
4-Ethyltoluene	1.4	0.41 J	7.0	2.0 J
1,2,4-Trimethylbenzene	1.4	~~0.40 J~~ 4	7.0	~~2.0 J~~ 4

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-21-33-051013

Lab ID#: 1305318A-09A

Butane	5.7	59	14	140
Isopentane	5.7	62	17	180

Client Sample ID: VMP-49-20-050913

Lab ID#: 1305318A-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.54 J	7.3	2.7 J
Freon 11	1.5	0.32 J	8.2	1.8 J
Acetone	15	7.5 J	35	18 J
2-Propanol	5.9	2.0 J	14	4.8 J
Hexane	1.5	2.4	5.2	8.3
2,2,4-Trimethylpentane	1.5	4.8	6.9	22
Benzene	1.5	0.63 J	4.7	2.0 J
Butane	5.9	9.4	14	22
Isopentane	5.9	19	17	57

Client Sample ID: VMP-12-5-051013

Lab ID#: 1305318A-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.61 J	7.0	3.0 J
Freon 11	1.4	0.29 J	7.9	1.6 J
Ethanol	5.6	46 J	11	87 J
Acetone	14	15	33	36
2-Propanol	5.6	57	14	140
Hexane	1.4	0.48 J	5.0	1.7 J
2-Butanone (Methyl Ethyl Ketone)	5.6	2.3 J	17	6.8 J
Tetrahydrofuran	1.4	0.56 J	4.2	1.7 J
2,2,4-Trimethylpentane	1.4	1.0 J	6.6	4.7 J
Benzene	1.4	7.9	4.5	25
4-Methyl-2-pentanone	1.4	0.68 J	5.8	2.8 J
Toluene	1.4	1.4	5.3	5.4
m,p-Xylene	1.4	0.43 J	6.1	1.9 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-12-5-051013

Lab ID#: 1305318A-11A

Cumene	1.4	0.28 J	6.9	1.4 J
Butane	5.6	3.2 J	13	7.5 J
Isopentane	5.6	7.3	17	21

Client Sample ID: VMP-12-11.5-051013

Lab ID#: 1305318A-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.50 J	6.8	2.5 J
Acetone	14	16	33	37
2-Propanol	5.5	1.7 J	14	4.2 J
2-Butanone (Methyl Ethyl Ketone)	5.5	2.2 J	16	6.5 J
2,2,4-Trimethylpentane	1.4	47	6.5	220
Benzene	1.4	0.32 J	4.4	1.0 J

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Client Sample ID: VMP-4-5-050913

Lab ID#: 1305318A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052108**	**Date of Collection: 5/9/13 2:23:00 PM**	
Dil. Factor:	**3.14**	**Date of Analysis: 5/21/13 11:57 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.54 J	7.8	2.7 J
Freon 114	1.6	Not Detected	11	Not Detected
Chloromethane	16	Not Detected	32	Not Detected
Vinyl Chloride	1.6	Not Detected	4.0	Not Detected
1,3-Butadiene	1.6	Not Detected	3.5	Not Detected
Bromomethane	16	Not Detected	61	Not Detected
Chloroethane	6.3	Not Detected	16	Not Detected
Freon 11	1.6	Not Detected	8.8	Not Detected
Ethanol	6.3	7.9 J	12	15 J
Freon 113	1.6	Not Detected	12	Not Detected
1,1-Dichloroethene	1.6	Not Detected	6.2	Not Detected
Acetone	16	20	37	47
2-Propanol	6.3	8.2	15	20
Carbon Disulfide	6.3	Not Detected	20	Not Detected
3-Chloropropene	6.3	Not Detected	20	Not Detected
Methylene Chloride	16	Not Detected	54	Not Detected
Methyl tert-butyl ether	1.6	Not Detected	5.7	Not Detected
trans-1,2-Dichloroethene	1.6	Not Detected	6.2	Not Detected
Hexane	1.6	2.6	5.5	9.3
1,1-Dichloroethane	1.6	Not Detected	6.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.3	6.1 J	18	18 J
cis-1,2-Dichloroethene	1.6	Not Detected	6.2	Not Detected
Tetrahydrofuran	1.6	Not Detected	4.6	Not Detected
Chloroform	1.6	Not Detected	7.7	Not Detected
1,1,1-Trichloroethane	1.6	Not Detected	8.6	Not Detected
Cyclohexane	1.6	0.49 J	5.4	1.7 J
Carbon Tetrachloride	1.6	Not Detected	9.9	Not Detected
2,2,4-Trimethylpentane	1.6	3.8	7.3	18
Benzene	1.6	0.82 J	5.0	2.6 J
1,2-Dichloroethane	1.6	Not Detected	6.4	Not Detected
Heptane	1.6	Not Detected	6.4	Not Detected
Trichloroethene	1.6	Not Detected	8.4	Not Detected
1,2-Dichloropropane	1.6	Not Detected	7.2	Not Detected
1,4-Dioxane	6.3	Not Detected	23	Not Detected
Bromodichloromethane	1.6	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.6	Not Detected	7.1	Not Detected
4-Methyl-2-pentanone	1.6	0.44 J	6.4	1.8 J
Toluene	1.6	0.47 J	5.9	1.8 J
trans-1,3-Dichloropropene	1.6	Not Detected	7.1	Not Detected
1,1,2-Trichloroethane	1.6	Not Detected	8.6	Not Detected
Tetrachloroethene	1.6	Not Detected	11	Not Detected
2-Hexanone	6.3	Not Detected	26	Not Detected

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Client Sample ID: VMP-4-5-050913

Lab ID#: 1305318A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052108**	**Date of Collection: 5/9/13 2:23:00 PM**	
Dil. Factor:	**3.14**	**Date of Analysis: 5/21/13 11:57 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.6	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.6	0.21 J	12	1.6 J
Chlorobenzene	1.6	Not Detected	7.2	Not Detected
Ethyl Benzene	1.6	0.51 J	6.8	2.2 J
m,p-Xylene	1.6	1.2 J	6.8	5.0 J
o-Xylene	1.6	Not Detected	6.8	Not Detected
Styrene	1.6	Not Detected	6.7	Not Detected
Bromoform	1.6	Not Detected	16	Not Detected
Cumene	1.6	Not Detected	7.7	Not Detected
1,1,2,2-Tetrachloroethane	1.6	Not Detected	11	Not Detected
Propylbenzene	1.6	Not Detected	7.7	Not Detected
4-Ethyltoluene	1.6	0.46 J	7.7	2.3 J
1,3,5-Trimethylbenzene	1.6	Not Detected	7.7	Not Detected
1,2,4-Trimethylbenzene	1.6	0.44 J	7.7	2.1 J
1,3-Dichlorobenzene	1.6	0.37 J	9.4	2.2 J
1,4-Dichlorobenzene	1.6	Not Detected	9.4	Not Detected
alpha-Chlorotoluene	1.6	Not Detected	8.1	Not Detected
1,2-Dichlorobenzene	1.6	Not Detected	9.4	Not Detected
1,2,4-Trichlorobenzene	6.3	1.0 J	47	7.7 J
Hexachlorobutadiene	6.3	Not Detected	67	Not Detected
Butane	6.3	10	15	25
Isopentane	6.3	13	18	38

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	87	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VMP-4-12-050913

Lab ID#: 1305318A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052109**	**Date of Collection: 5/9/13 3:14:00 PM**	
Dil. Factor:	**6.00**	**Date of Analysis: 5/21/13 12:49 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	3.0	Not Detected	15	Not Detected
Freon 114	3.0	Not Detected	21	Not Detected
Chloromethane	30	Not Detected	62	Not Detected
Vinyl Chloride	3.0	Not Detected	7.7	Not Detected
1,3-Butadiene	3.0	Not Detected	6.6	Not Detected
Bromomethane	30	Not Detected	120	Not Detected
Chloroethane	12	Not Detected	32	Not Detected
Freon 11	3.0	Not Detected	17	Not Detected
Ethanol	12	Not Detected	23	Not Detected
Freon 113	3.0	Not Detected	23	Not Detected
1,1-Dichloroethene	3.0	Not Detected	12	Not Detected
Acetone	30	26 J	71	63 J
2-Propanol	12	Not Detected	29	Not Detected
Carbon Disulfide	12	Not Detected	37	Not Detected
3-Chloropropene	12	Not Detected	38	Not Detected
Methylene Chloride	30	Not Detected	100	Not Detected
Methyl tert-butyl ether	3.0	Not Detected	11	Not Detected
trans-1,2-Dichloroethene	3.0	Not Detected	12	Not Detected
Hexane	3.0	12	10	44
1,1-Dichloroethane	3.0	Not Detected	12	Not Detected
2-Butanone (Methyl Ethyl Ketone)	12	Not Detected	35	Not Detected
cis-1,2-Dichloroethene	3.0	Not Detected	12	Not Detected
Tetrahydrofuran	3.0	Not Detected	8.8	Not Detected
Chloroform	3.0	Not Detected	15	Not Detected
1,1,1-Trichloroethane	3.0	Not Detected	16	Not Detected
Cyclohexane	3.0	5.1	10	18
Carbon Tetrachloride	3.0	Not Detected	19	Not Detected
2,2,4-Trimethylpentane	3.0	53	14	250
Benzene	3.0	0.73 J	9.6	2.3 J
1,2-Dichloroethane	3.0	Not Detected	12	Not Detected
Heptane	3.0	9.3	12	38
Trichloroethene	3.0	Not Detected	16	Not Detected
1,2-Dichloropropane	3.0	Not Detected	14	Not Detected
1,4-Dioxane	12	Not Detected	43	Not Detected
Bromodichloromethane	3.0	Not Detected	20	Not Detected
cis-1,3-Dichloropropene	3.0	Not Detected	14	Not Detected
4-Methyl-2-pentanone	3.0	Not Detected	12	Not Detected
Toluene	3.0	Not Detected	11	Not Detected
trans-1,3-Dichloropropene	3.0	Not Detected	14	Not Detected
1,1,2-Trichloroethane	3.0	Not Detected	16	Not Detected
Tetrachloroethene	3.0	Not Detected	20	Not Detected
2-Hexanone	12	Not Detected	49	Not Detected

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Client Sample ID: VMP-4-12-050913

Lab ID#: 1305318A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052109**	**Date of Collection: 5/9/13 3:14:00 PM**	
Dil. Factor:	**6.00**	**Date of Analysis: 5/21/13 12:49 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	3.0	Not Detected	26	Not Detected
1,2-Dibromoethane (EDB)	3.0	Not Detected	23	Not Detected
Chlorobenzene	3.0	Not Detected	14	Not Detected
Ethyl Benzene	3.0	Not Detected	13	Not Detected
m,p-Xylene	3.0	1.8 J	13	7.9 J
o-Xylene	3.0	5.7	13	24
Styrene	3.0	Not Detected	13	Not Detected
Bromoform	3.0	Not Detected	31	Not Detected
Cumene	3.0	2.4 J	15	12 J
1,1,2,2-Tetrachloroethane	3.0	Not Detected	20	Not Detected
Propylbenzene	3.0	2.4 J	15	12 J
4-Ethyltoluene	3.0	5.9	15	29
1,3,5-Trimethylbenzene	3.0	1.4 J	15	6.9 J
1,2,4-Trimethylbenzene	3.0	2.8 J	15	14 J
1,3-Dichlorobenzene	3.0	Not Detected	18	Not Detected
1,4-Dichlorobenzene	3.0	Not Detected	18	Not Detected
alpha-Chlorotoluene	3.0	Not Detected	16	Not Detected
1,2-Dichlorobenzene	3.0	Not Detected	18	Not Detected
1,2,4-Trichlorobenzene	12	Not Detected	89	Not Detected
Hexachlorobutadiene	12	Not Detected	130	Not Detected
Butane	12	630	28	1500
Isopentane	12	300	35	890

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	87	70-130
4-Bromofluorobenzene	106	70-130

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Client Sample ID: VMP-6-39-050913

Lab ID#: 1305318A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052110**	**Date of Collection: 5/9/13 3:19:00 PM**	
Dil. Factor:	**5.46**	**Date of Analysis: 5/21/13 01:39 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	2.7	Not Detected	14	Not Detected
Freon 114	2.7	Not Detected	19	Not Detected
Chloromethane	27	Not Detected	56	Not Detected
Vinyl Chloride	2.7	Not Detected	7.0	Not Detected
1,3-Butadiene	2.7	Not Detected	6.0	Not Detected
Bromomethane	27	Not Detected	110	Not Detected
Chloroethane	11	Not Detected	29	Not Detected
Freon 11	2.7	Not Detected	15	Not Detected
Ethanol	11	17 J	20	32 J
Freon 113	2.7	Not Detected	21	Not Detected
1,1-Dichloroethene	2.7	Not Detected	11	Not Detected
Acetone	27	56 J	65	130 J
2-Propanol	11	6.7 J	27	16 J
Carbon Disulfide	11	Not Detected	34	Not Detected
3-Chloropropene	11	Not Detected	34	Not Detected
Methylene Chloride	27	Not Detected	95	Not Detected
Methyl tert-butyl ether	2.7	Not Detected	9.8	Not Detected
trans-1,2-Dichloroethene	2.7	Not Detected	11	Not Detected
Hexane	2.7	Not Detected	9.6	Not Detected
1,1-Dichloroethane	2.7	Not Detected	11	Not Detected
2-Butanone (Methyl Ethyl Ketone)	11	Not Detected	32	Not Detected
cis-1,2-Dichloroethene	2.7	Not Detected	11	Not Detected
Tetrahydrofuran	2.7	Not Detected	8.0	Not Detected
Chloroform	2.7	Not Detected	13	Not Detected
1,1,1-Trichloroethane	2.7	Not Detected	15	Not Detected
Cyclohexane	2.7	Not Detected	9.4	Not Detected
Carbon Tetrachloride	2.7	Not Detected	17	Not Detected
2,2,4-Trimethylpentane	2.7	840 J	13	3900 J
Benzene	2.7	2.7	8.7	8.7
1,2-Dichloroethane	2.7	Not Detected	11	Not Detected
Heptane	2.7	1.3 J	11	5.4 J
Trichloroethene	2.7	Not Detected	15	Not Detected
1,2-Dichloropropane	2.7	Not Detected	13	Not Detected
1,4-Dioxane	11	Not Detected	39	Not Detected
Bromodichloromethane	2.7	Not Detected	18	Not Detected
cis-1,3-Dichloropropene	2.7	Not Detected	12	Not Detected
4-Methyl-2-pentanone	2.7	Not Detected	11	Not Detected
Toluene	2.7	1.3 J	10	4.8 J
trans-1,3-Dichloropropene	2.7	Not Detected	12	Not Detected
1,1,2-Trichloroethane	2.7	Not Detected	15	Not Detected
Tetrachloroethene	2.7	Not Detected	18	Not Detected
2-Hexanone	11	Not Detected	45	Not Detected

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Client Sample ID: VMP-6-39-050913

Lab ID#: 1305318A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052110**	**Date of Collection: 5/9/13 3:19:00 PM**	
Dil. Factor:	**5.46**	**Date of Analysis: 5/21/13 01:39 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	2.7	Not Detected	23	Not Detected
1,2-Dibromoethane (EDB)	2.7	Not Detected	21	Not Detected
Chlorobenzene	2.7	Not Detected	12	Not Detected
Ethyl Benzene	2.7	1.1 J	12	4.8 J
m,p-Xylene	2.7	2.3 J	12	10 J
o-Xylene	2.7	1.2 J	12	5.2 J
Styrene	2.7	Not Detected	12	Not Detected
Bromoform	2.7	Not Detected	28	Not Detected
Cumene	2.7	Not Detected	13	Not Detected
1,1,2,2-Tetrachloroethane	2.7	Not Detected	19	Not Detected
Propylbenzene	2.7	Not Detected	13	Not Detected
4-Ethyltoluene	2.7	0.73 J	13	3.6 J
1,3,5-Trimethylbenzene	2.7	Not Detected	13	Not Detected
1,2,4-Trimethylbenzene	2.7	0.50 J	13	2.4 J
1,3-Dichlorobenzene	2.7	Not Detected	16	Not Detected
1,4-Dichlorobenzene	2.7	Not Detected	16	Not Detected
alpha-Chlorotoluene	2.7	Not Detected	14	Not Detected
1,2-Dichlorobenzene	2.7	Not Detected	16	Not Detected
1,2,4-Trichlorobenzene	11	Not Detected	81	Not Detected
Hexachlorobutadiene	11	Not Detected	120	Not Detected
Butane	11	81 J	26	190 J
Isopentane	11	610 J	32	1800 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: VMP-6-39-050913 Lab Duplicate

Lab ID#: 1305318A-03AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	2052120	**Date of Collection:**	5/9/13 3:19:00 PM
Dil. Factor:	5.46	**Date of Analysis:**	5/21/13 10:24 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	2.7	Not Detected	14	Not Detected
Freon 114	2.7	Not Detected	19	Not Detected
Chloromethane	27	Not Detected	56	Not Detected
Vinyl Chloride	2.7	Not Detected	7.0	Not Detected
1,3-Butadiene	2.7	Not Detected	6.0	Not Detected
Bromomethane	27	Not Detected	110	Not Detected
Chloroethane	11	Not Detected	29	Not Detected
Freon 11	2.7	Not Detected	15	Not Detected
Ethanol	11	10 J	20	19 J
Freon 113	2.7	Not Detected	21	Not Detected
1,1-Dichloroethene	2.7	Not Detected	11	Not Detected
Acetone	27	54	65	130
2-Propanol	11	6.0 J	27	15 J
Carbon Disulfide	11	Not Detected	34	Not Detected
3-Chloropropene	11	Not Detected	34	Not Detected
Methylene Chloride	27	Not Detected	95	Not Detected
Methyl tert-butyl ether	2.7	Not Detected	9.8	Not Detected
trans-1,2-Dichloroethene	2.7	Not Detected	11	Not Detected
Hexane	2.7	Not Detected	9.6	Not Detected
1,1-Dichloroethane	2.7	Not Detected	11	Not Detected
2-Butanone (Methyl Ethyl Ketone)	11	Not Detected	32	Not Detected
cis-1,2-Dichloroethene	2.7	Not Detected	11	Not Detected
Tetrahydrofuran	2.7	Not Detected	8.0	Not Detected
Chloroform	2.7	Not Detected	13	Not Detected
1,1,1-Trichloroethane	2.7	Not Detected	15	Not Detected
Cyclohexane	2.7	Not Detected	9.4	Not Detected
Carbon Tetrachloride	2.7	Not Detected	17	Not Detected
2,2,4-Trimethylpentane	2.7	810	13	3800
Benzene	2.7	2.5 J	8.7	7.9 J
1,2-Dichloroethane	2.7	Not Detected	11	Not Detected
Heptane	2.7	1.3 J	11	5.3 J
Trichloroethene	2.7	Not Detected	15	Not Detected
1,2-Dichloropropane	2.7	Not Detected	13	Not Detected
1,4-Dioxane	11	Not Detected	39	Not Detected
Bromodichloromethane	2.7	Not Detected	18	Not Detected
cis-1,3-Dichloropropene	2.7	Not Detected	12	Not Detected
4-Methyl-2-pentanone	2.7	Not Detected	11	Not Detected
Toluene	2.7	1.4 J	10	5.3 J
trans-1,3-Dichloropropene	2.7	Not Detected	12	Not Detected
1,1,2-Trichloroethane	2.7	Not Detected	15	Not Detected
Tetrachloroethene	2.7	Not Detected	18	Not Detected
2-Hexanone	11	Not Detected	45	Not Detected

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Client Sample ID: VMP-6-39-050913 Lab Duplicate

Lab ID#: 1305318A-03AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052120**	**Date of Collection: 5/9/13 3:19:00 PM**	
Dil. Factor:	**5.46**	**Date of Analysis: 5/21/13 10:24 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	2.7	Not Detected	23	Not Detected
1,2-Dibromoethane (EDB)	2.7	Not Detected	21	Not Detected
Chlorobenzene	2.7	Not Detected	12	Not Detected
Ethyl Benzene	2.7	1.0 J	12	4.5 J
m,p-Xylene	2.7	2.0 J	12	8.8 J
o-Xylene	2.7	1.1 J	12	4.6 J
Styrene	2.7	Not Detected	12	Not Detected
Bromoform	2.7	Not Detected	28	Not Detected
Cumene	2.7	Not Detected	13	Not Detected
1,1,2,2-Tetrachloroethane	2.7	Not Detected	19	Not Detected
Propylbenzene	2.7	Not Detected	13	Not Detected
4-Ethyltoluene	2.7	0.61 J	13	3.0 J
1,3,5-Trimethylbenzene	2.7	Not Detected	13	Not Detected
1,2,4-Trimethylbenzene	2.7	Not Detected	13	Not Detected
1,3-Dichlorobenzene	2.7	Not Detected	16	Not Detected
1,4-Dichlorobenzene	2.7	Not Detected	16	Not Detected
alpha-Chlorotoluene	2.7	Not Detected	14	Not Detected
1,2-Dichlorobenzene	2.7	Not Detected	16	Not Detected
1,2,4-Trichlorobenzene	11	Not Detected	81	Not Detected
Hexachlorobutadiene	11	Not Detected	120	Not Detected
Butane	11	76	26	180
Isopentane	11	580	32	1700

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VMP-6-39-050913-Dup

Lab ID#: I305318A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052111**	**Date of Collection: 5/9/13 3:19:00 PM**	
Dil. Factor:	**2.93**	**Date of Analysis: 5/21/13 02:27 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.48 J	7.2	2.4 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	Not Detected	30	Not Detected
Vinyl Chloride	1.5	Not Detected	3.7	Not Detected
1,3-Butadiene	1.5	Not Detected	3.2	Not Detected
Bromomethane	15	Not Detected	57	Not Detected
Chloroethane	5.9	Not Detected	15	Not Detected
Freon 11	1.5	0.29 J	8.2	1.6 J
Ethanol	5.9	Not Detected	11	Not Detected
Freon 113	1.5	Not Detected	11	Not Detected
1,1-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Acetone	15	6.3 J	35	15 J
2-Propanol	5.9	Not Detected	14	Not Detected
Carbon Disulfide	5.9	Not Detected	18	Not Detected
3-Chloropropene	5.9	Not Detected	18	Not Detected
Methylene Chloride	15	Not Detected	51	Not Detected
Methyl tert-butyl ether	1.5	Not Detected	5.3	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Hexane	1.5	0.47 J	5.2	1.6 J
1,1-Dichloroethane	1.5	Not Detected	5.9	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.9	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.3	Not Detected
Chloroform	1.5	Not Detected	7.2	Not Detected
1,1,1-Trichloroethane	1.5	Not Detected	8.0	Not Detected
Cyclohexane	1.5	Not Detected	5.0	Not Detected
Carbon Tetrachloride	1.5	Not Detected	9.2	Not Detected
2,2,4-Trimethylpentane	1.5	18	6.8	84
Benzene	1.5	1.1 J	4.7	3.6 J
1,2-Dichloroethane	1.5	Not Detected	5.9	Not Detected
Heptane	1.5	0.79 J	6.0	3.2 J
Trichloroethene	1.5	Not Detected	7.9	Not Detected
1,2-Dichloropropane	1.5	Not Detected	6.8	Not Detected
1,4-Dioxane	5.9	Not Detected	21	Not Detected
Bromodichloromethane	1.5	Not Detected	9.8	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.6	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.0	Not Detected
Toluene	1.5	0.36 J	5.5	1.4 J
trans-1,3-Dichloropropene	1.5	Not Detected	6.6	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.0	Not Detected
Tetrachloroethene	1.5	Not Detected	9.9	Not Detected
2-Hexanone	5.9	Not Detected	24	Not Detected

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Client Sample ID: VMP-6-39-050913-Dup

Lab ID#: 1305318A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052111**	**Date of Collection:**	**5/9/13 3:19:00 PM**
Dil. Factor:	**2.93**	**Date of Analysis:**	**5/21/13 02:27 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	11	Not Detected
Chlorobenzene	1.5	Not Detected	6.7	Not Detected
Ethyl Benzene	1.5	Not Detected	6.4	Not Detected
m,p-Xylene	1.5	0.70 J	6.4	3.0 J
o-Xylene	1.5	Not Detected	6.4	Not Detected
Styrene	1.5	Not Detected	6.2	Not Detected
Bromoform	1.5	Not Detected	15	Not Detected
Cumene	1.5	Not Detected	7.2	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.2	Not Detected
4-Ethyltoluene	1.5	Not Detected	7.2	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.2	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.2	Not Detected
1,3-Dichlorobenzene	1.5	Not Detected	8.8	Not Detected
1,4-Dichlorobenzene	1.5	Not Detected	8.8	Not Detected
alpha-Chlorotoluene	1.5	Not Detected	7.6	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	8.8	Not Detected
1,2,4-Trichlorobenzene	5.9	Not Detected	43	Not Detected
Hexachlorobutadiene	5.9	Not Detected	62	Not Detected
Butane	5.9	5.2 J	14	12 J
Isopentane	5.9	14	17	42

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: VMP-15-5-050913

Lab ID#: 1305318A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052112**	**Date of Collection:**	**5/9/13 9:43:00 AM**
Dil. Factor:	**3.16**	**Date of Analysis:**	**5/21/13 03:25 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	Not Detected	7.8	Not Detected
Freon 114	1.6	Not Detected	11	Not Detected
Chloromethane	16	Not Detected	33	Not Detected
Vinyl Chloride	1.6	Not Detected	4.0	Not Detected
1,3-Butadiene	1.6	Not Detected	3.5	Not Detected
Bromomethane	16	Not Detected	61	Not Detected
Chloroethane	6.3	Not Detected	17	Not Detected
Freon 11	1.6	Not Detected	8.9	Not Detected
Ethanol	6.3	Not Detected	12	Not Detected
Freon 113	1.6	Not Detected	12	Not Detected
1,1-Dichloroethene	1.6	Not Detected	6.3	Not Detected
Acetone	16	13 J	38	31 J
2-Propanol	6.3	2.0 J	16	5.0 J
Carbon Disulfide	6.3	Not Detected	20	Not Detected
3-Chloropropene	6.3	Not Detected	20	Not Detected
Methylene Chloride	16	Not Detected	55	Not Detected
Methyl tert-butyl ether	1.6	Not Detected	5.7	Not Detected
trans-1,2-Dichloroethene	1.6	Not Detected	6.3	Not Detected
Hexane	1.6	Not Detected	5.6	Not Detected
1,1-Dichloroethane	1.6	Not Detected	6.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.3	Not Detected	19	Not Detected
cis-1,2-Dichloroethene	1.6	Not Detected	6.3	Not Detected
Tetrahydrofuran	1.6	Not Detected	4.6	Not Detected
Chloroform	1.6	Not Detected	7.7	Not Detected
1,1,1-Trichloroethane	1.6	Not Detected	8.6	Not Detected
Cyclohexane	1.6	Not Detected	5.4	Not Detected
Carbon Tetrachloride	1.6	Not Detected	9.9	Not Detected
2,2,4-Trimethylpentane	1.6	0.60 J	7.4	2.8 J
Benzene	1.6	1.4 J	5.0	4.4 J
1,2-Dichloroethane	1.6	Not Detected	6.4	Not Detected
Heptane	1.6	Not Detected	6.5	Not Detected
Trichloroethene	1.6	Not Detected	8.5	Not Detected
1,2-Dichloropropane	1.6	Not Detected	7.3	Not Detected
1,4-Dioxane	6.3	Not Detected	23	Not Detected
Bromodichloromethane	1.6	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.6	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	1.6	Not Detected	6.5	Not Detected
Toluene	1.6	Not Detected	6.0	Not Detected
trans-1,3-Dichloropropene	1.6	Not Detected	7.2	Not Detected
1,1,2-Trichloroethane	1.6	Not Detected	8.6	Not Detected
Tetrachloroethene	1.6	Not Detected	11	Not Detected
2-Hexanone	6.3	Not Detected	26	Not Detected

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Client Sample ID: VMP-15-5-050913

Lab ID#: 1305318A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052112**	**Date of Collection: 5/9/13 9:43:00 AM**	
Dil. Factor:	**3.16**	**Date of Analysis: 5/21/13 03:25 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.6	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.6	Not Detected	12	Not Detected
Chlorobenzene	1.6	Not Detected	7.3	Not Detected
Ethyl Benzene	1.6	Not Detected	6.9	Not Detected
m,p-Xylene	1.6	Not Detected	6.9	Not Detected
o-Xylene	1.6	Not Detected	6.9	Not Detected
Styrene	1.6	Not Detected	6.7	Not Detected
Bromoform	1.6	Not Detected	16	Not Detected
Cumene	1.6	Not Detected	7.8	Not Detected
1,1,2,2-Tetrachloroethane	1.6	Not Detected	11	Not Detected
Propylbenzene	1.6	Not Detected	7.8	Not Detected
4-Ethyltoluene	1.6	Not Detected	7.8	Not Detected
1,3,5-Trimethylbenzene	1.6	Not Detected	7.8	Not Detected
1,2,4-Trimethylbenzene	1.6	Not Detected	7.8	Not Detected
1,3-Dichlorobenzene	1.6	Not Detected	9.5	Not Detected
1,4-Dichlorobenzene	1.6	Not Detected	9.5	Not Detected
alpha-Chlorotoluene	1.6	Not Detected	8.2	Not Detected
1,2-Dichlorobenzene	1.6	Not Detected	9.5	Not Detected
1,2,4-Trichlorobenzene	6.3	Not Detected	47	Not Detected
Hexachlorobutadiene	6.3	Not Detected	67	Not Detected
Butane	6.3	Not Detected	15	Not Detected
Isopentane	6.3	5.9 J	19	17 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VMP-21-5-051013

Lab ID#: 1305318A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	2052113	Date of Collection:	5/10/13 10:07:00 AM
Dil. Factor:	2.86	Date of Analysis:	5/21/13 04:35 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.44 J	7.1	2.2 J
Freon 114	1.4	Not Detected	10	Not Detected
Chloromethane	14	Not Detected	30	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.2	Not Detected
Bromomethane	14	Not Detected	56	Not Detected
Chloroethane	5.7	Not Detected	15	Not Detected
Freon 11	1.4	Not Detected	8.0	Not Detected
Ethanol	5.7	Not Detected	11	Not Detected
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Acetone	14	22	34	52
2-Propanol	5.7	5.4 J	14	13 J
Carbon Disulfide	5.7	Not Detected	18	Not Detected
3-Chloropropene	5.7	Not Detected	18	Not Detected
Methylene Chloride	14	Not Detected	50	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.2	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Hexane	1.4	8.3	5.0	29
1,1-Dichloroethane	1.4	Not Detected	5.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.7	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
Chloroform	1.4	Not Detected	7.0	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Cyclohexane	1.4	3.3	4.9	11
Carbon Tetrachloride	1.4	Not Detected	9.0	Not Detected
2,2,4-Trimethylpentane	1.4	24	6.7	110
Benzene	1.4	0.99 J	4.6	3.1 J
1,2-Dichloroethane	1.4	Not Detected	5.8	Not Detected
Heptane	1.4	4.0	5.9	16
Trichloroethene	1.4	Not Detected	7.7	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.6	Not Detected
1,4-Dioxane	5.7	Not Detected	21	Not Detected
Bromodichloromethane	1.4	Not Detected	9.6	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.8	Not Detected
Toluene	1.4	0.56 J	5.4	2.1 J
trans-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Tetrachloroethene	1.4	Not Detected	9.7	Not Detected
2-Hexanone	5.7	Not Detected	23	Not Detected

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Client Sample ID: VMP-21-5-051013

Lab ID#: 1305318A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052113**	**Date of Collection:**	**5/10/13 10:07:00 AM**
Dil. Factor:	**2.86**	**Date of Analysis:**	**5/21/13 04:35 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	Not Detected	6.6	Not Detected
Ethyl Benzene	1.4	Not Detected	6.2	Not Detected
m,p-Xylene	1.4	0.79 J	6.2	3.4 J
o-Xylene	1.4	0.52 J	6.2	2.2 J
Styrene	1.4	Not Detected	6.1	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	0.32 J	7.0	1.6 J
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.8	Not Detected
Propylbenzene	1.4	0.38 J	7.0	1.9 J
4-Ethyltoluene	1.4	0.66 J	7.0	3.3 J
1,3,5-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,2,4-Trimethylbenzene	1.4	0.53 J	7.0	2.6 J
1,3-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.4	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,2,4-Trichlorobenzene	5.7	Not Detected	42	Not Detected
Hexachlorobutadiene	5.7	Not Detected	61	Not Detected
Butane	5.7	250	14	600
Isopentane	5.7	180	17	530

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	87	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: VMP-21-10-051013

Lab ID#: 1305318A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052114**	**Date of Collection: 5/10/13 11:02:00 AM**	
Dil. Factor:	**2.91**	**Date of Analysis: 5/21/13 05:31 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.52 J	7.2	2.6 J
Freon 114	1.4	Not Detected	10	Not Detected
Chloromethane	14	Not Detected	30	Not Detected
Vinyl Chloride	1.4	Not Detected	3.7	Not Detected
1,3-Butadiene	1.4	Not Detected	3.2	Not Detected
Bromomethane	14	Not Detected	56	Not Detected
Chloroethane	5.8	Not Detected	15	Not Detected
Freon 11	1.4	Not Detected	8.2	Not Detected
Ethanol	5.8	Not Detected	11	Not Detected
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.8	Not Detected
Acetone	14	8.7 J	34	21 J
2-Propanol	5.8	2.7 J	14	6.7 J
Carbon Disulfide	5.8	Not Detected	18	Not Detected
3-Chloropropene	5.8	Not Detected	18	Not Detected
Methylene Chloride	14	Not Detected	50	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.2	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.8	Not Detected
Hexane	1.4	1.4	5.1	5.1
1,1-Dichloroethane	1.4	Not Detected	5.9	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.8	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected	5.8	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.3	Not Detected
Chloroform	1.4	Not Detected	7.1	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.9	Not Detected
Cyclohexane	1.4	Not Detected	5.0	Not Detected
Carbon Tetrachloride	1.4	Not Detected	9.2	Not Detected
2,2,4-Trimethylpentane	1.4	2.9	6.8	14
Benzene	1.4	0.32 J	4.6	1.0 J
1,2-Dichloroethane	1.4	Not Detected	5.9	Not Detected
Heptane	1.4	Not Detected	6.0	Not Detected
Trichloroethene	1.4	Not Detected	7.8	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.7	Not Detected
1,4-Dioxane	5.8	Not Detected	21	Not Detected
Bromodichloromethane	1.4	Not Detected	9.7	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.6	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	6.0	Not Detected
Toluene	1.4	Not Detected	5.5	Not Detected
trans-1,3-Dichloropropene	1.4	Not Detected	6.6	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.9	Not Detected
Tetrachloroethene	1.4	1.2 J	9.9	7.9 J
2-Hexanone	5.8	Not Detected	24	Not Detected

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Client Sample ID: VMP-21-10-051013

Lab ID#: 1305318A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052114**	**Date of Collection: 5/10/13 11:02:00 AM**	
Dil. Factor:	**2.91**	**Date of Analysis: 5/21/13 05:31 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	Not Detected	6.7	Not Detected
Ethyl Benzene	1.4	Not Detected	6.3	Not Detected
m,p-Xylene	1.4	Not Detected	6.3	Not Detected
o-Xylene	1.4	Not Detected	6.3	Not Detected
Styrene	1.4	Not Detected	6.2	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	Not Detected	7.2	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	10	Not Detected
Propylbenzene	1.4	Not Detected	7.2	Not Detected
4-Ethyltoluene	1.4	Not Detected	7.2	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	7.2	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.2	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.7	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.7	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.5	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.7	Not Detected
1,2,4-Trichlorobenzene	5.8	Not Detected	43	Not Detected
Hexachlorobutadiene	5.8	Not Detected	62	Not Detected
Butane	5.8	2.7 J	14	6.5 J
Isopentane	5.8	6.6	17	20

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: VMP-21-25-051013

Lab ID#: 1305318A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	2052115	Date of Collection:	5/10/13 1:31:00 PM
Dil. Factor:	2.95	Date of Analysis:	5/21/13 06:17 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.51 J	7.3	2.5 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	Not Detected	30	Not Detected
Vinyl Chloride	1.5	Not Detected	3.8	Not Detected
1,3-Butadiene	1.5	Not Detected	3.3	Not Detected
Bromomethane	15	Not Detected	57	Not Detected
Chloroethane	5.9	Not Detected	16	Not Detected
Freon 11	1.5	Not Detected	8.3	Not Detected
Ethanol	5.9	Not Detected	11	Not Detected
Freon 113	1.5	Not Detected	11	Not Detected
1,1-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Acetone	15	11 J	35	27 J
2-Propanol	5.9	1.8 J	14	4.3 J
Carbon Disulfide	5.9	Not Detected	18	Not Detected
3-Chloropropene	5.9	Not Detected	18	Not Detected
Methylene Chloride	15	Not Detected	51	Not Detected
Methyl tert-butyl ether	1.5	Not Detected	5.3	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Hexane	1.5	Not Detected	5.2	Not Detected
1,1-Dichloroethane	1.5	Not Detected	6.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.9	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.3	Not Detected
Chloroform	1.5	Not Detected	7.2	Not Detected
1,1,1-Trichloroethane	1.5	Not Detected	8.0	Not Detected
Cyclohexane	1.5	Not Detected	5.1	Not Detected
Carbon Tetrachloride	1.5	Not Detected	9.3	Not Detected
2,2,4-Trimethylpentane	1.5	Not Detected	6.9	Not Detected
Benzene	1.5	Not Detected	4.7	Not Detected
1,2-Dichloroethane	1.5	Not Detected	6.0	Not Detected
Heptane	1.5	Not Detected	6.0	Not Detected
Trichloroethene	1.5	Not Detected	7.9	Not Detected
1,2-Dichloropropane	1.5	Not Detected	6.8	Not Detected
1,4-Dioxane	5.9	Not Detected	21	Not Detected
Bromodichloromethane	1.5	Not Detected	9.9	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.7	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.0	Not Detected
Toluene	1.5	Not Detected	5.6	Not Detected
trans-1,3-Dichloropropene	1.5	Not Detected	6.7	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.0	Not Detected
Tetrachloroethene	1.5	10	10	70
2-Hexanone	5.9	Not Detected	24	Not Detected

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Client Sample ID: VMP-21-25-051013

Lab ID#: 1305318A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052115**	**Date of Collection: 5/10/13 1:31:00 PM**	
Dil. Factor:	**2.95**	**Date of Analysis: 5/21/13 06:17 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	11	Not Detected
Chlorobenzene	1.5	Not Detected	6.8	Not Detected
Ethyl Benzene	1.5	Not Detected	6.4	Not Detected
m,p-Xylene	1.5	Not Detected	6.4	Not Detected
o-Xylene	1.5	Not Detected	6.4	Not Detected
Styrene	1.5	Not Detected	6.3	Not Detected
Bromoform	1.5	Not Detected	15	Not Detected
Cumene	1.5	Not Detected	7.2	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.2	Not Detected
4-Ethyltoluene	1.5	Not Detected	7.2	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.2	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.2	Not Detected
1,3-Dichlorobenzene	1.5	Not Detected	8.9	Not Detected
1,4-Dichlorobenzene	1.5	Not Detected	8.9	Not Detected
alpha-Chlorotoluene	1.5	Not Detected	7.6	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	8.9	Not Detected
1,2,4-Trichlorobenzene	5.9	Not Detected	44	Not Detected
Hexachlorobutadiene	5.9	Not Detected	63	Not Detected
Butane	5.9	27	14	64
Isopentane	5.9	10	17	30

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: VMP-2I-33-051013

Lab ID#: 1305318A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052116**	**Date of Collection:**	**5/10/13 2:28:00 PM**
Dil. Factor:	**2.84**	**Date of Analysis:**	**5/21/13 06:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.60 J	7.0	3.0 J
Freon 114	1.4	Not Detected	9.9	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.1	Not Detected
Bromomethane	14	Not Detected	55	Not Detected
Chloroethane	5.7	Not Detected	15	Not Detected
Freon 11	1.4	Not Detected	8.0	Not Detected
Ethanol	5.7	Not Detected	11	Not Detected
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Acetone	14	14	34	32
2-Propanol	5.7	2.1 J	14	5.2 J
Carbon Disulfide	5.7	Not Detected	18	Not Detected
3-Chloropropene	5.7	Not Detected	18	Not Detected
Methylene Chloride	14	Not Detected	49	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.1	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Hexane	1.4	4.5	5.0	16
1,1-Dichloroethane	1.4	Not Detected	5.7	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.7	2.2 J	17	6.5 J
cis-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
Chloroform	1.4	Not Detected	6.9	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Cyclohexane	1.4	1.9	4.9	6.6
Carbon Tetrachloride	1.4	Not Detected	8.9	Not Detected
2,2,4-Trimethylpentane	1.4	13	6.6	59
Benzene	1.4	0.55 J	4.5	1.8 J
1,2-Dichloroethane	1.4	Not Detected	5.7	Not Detected
Heptane	1.4	2.6	5.8	11
Trichloroethene	1.4	Not Detected	7.6	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.6	Not Detected
1,4-Dioxane	5.7	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.5	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.8	Not Detected
Toluene	1.4	Not Detected	5.4	Not Detected
trans-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Tetrachloroethene	1.4	6.0	9.6	41
2-Hexanone	5.7	Not Detected	23	Not Detected

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Client Sample ID: VMP-21-33-051013

Lab ID#: 1305318A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052116**	**Date of Collection:**	**5/10/13 2:28:00 PM**
Dil. Factor:	**2.84**	**Date of Analysis:**	**5/21/13 06:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	Not Detected	6.5	Not Detected
Ethyl Benzene	1.4	Not Detected	6.2	Not Detected
m,p-Xylene	1.4	0.47 J	6.2	2.0 J
o-Xylene	1.4	Not Detected	6.2	Not Detected
Styrene	1.4	Not Detected	6.0	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	Not Detected	7.0	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.7	Not Detected
Propylbenzene	1.4	0.26 J	7.0	1.3 J
4-Ethyltoluene	1.4	0.41 J	7.0	2.0 J
1,3,5-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,2,4-Trimethylbenzene	1.4	~~0.40 J~~ is	7.0	~~2.0 J~~ is
1,3-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.4	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
1,2,4-Trichlorobenzene	5.7	Not Detected	42	Not Detected
Hexachlorobutadiene	5.7	Not Detected	60	Not Detected
Butane	5.7	59	14	140
Isopentane	5.7	62	17	180

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: VMP-49-20-050913

Lab ID#: 1305318A-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052117**	**Date of Collection: 5/9/13 9:37:00 AM**	
Dil. Factor:	**2.94**	**Date of Analysis: 5/21/13 07:35 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.54 J	7.3	2.7 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	Not Detected	30	Not Detected
Vinyl Chloride	1.5	Not Detected	3.8	Not Detected
1,3-Butadiene	1.5	Not Detected	3.2	Not Detected
Bromomethane	15	Not Detected	57	Not Detected
Chloroethane	5.9	Not Detected	16	Not Detected
Freon 11	1.5	0.32 J	8.2	1.8 J
Ethanol	5.9	Not Detected	11	Not Detected
Freon 113	1.5	Not Detected	11	Not Detected
1,1-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Acetone	15	7.5 J	35	18 J
2-Propanol	5.9	2.0 J	14	4.8 J
Carbon Disulfide	5.9	Not Detected	18	Not Detected
3-Chloropropene	5.9	Not Detected	18	Not Detected
Methylene Chloride	15	Not Detected	51	Not Detected
Methyl tert-butyl ether	1.5	Not Detected	5.3	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Hexane	1.5	2.4	5.2	8.3
1,1-Dichloroethane	1.5	Not Detected	6.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.9	Not Detected	17	Not Detected
cis-1,2-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.3	Not Detected
Chloroform	1.5	Not Detected	7.2	Not Detected
1,1,1-Trichloroethane	1.5	Not Detected	8.0	Not Detected
Cyclohexane	1.5	Not Detected	5.0	Not Detected
Carbon Tetrachloride	1.5	Not Detected	9.2	Not Detected
2,2,4-Trimethylpentane	1.5	4.8	6.9	22
Benzene	1.5	0.63 J	4.7	2.0 J
1,2-Dichloroethane	1.5	Not Detected	5.9	Not Detected
Heptane	1.5	Not Detected	6.0	Not Detected
Trichloroethene	1.5	Not Detected	7.9	Not Detected
1,2-Dichloropropane	1.5	Not Detected	6.8	Not Detected
1,4-Dioxane	5.9	Not Detected	21	Not Detected
Bromodichloromethane	1.5	Not Detected	9.8	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.7	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.0	Not Detected
Toluene	1.5	Not Detected	5.5	Not Detected
trans-1,3-Dichloropropene	1.5	Not Detected	6.7	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.0	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	5.9	Not Detected	24	Not Detected

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Client Sample ID: VMP-49-20-050913

Lab ID#: 1305318A-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052117**	**Date of Collection: 5/9/13 9:37:00 AM**	
Dil. Factor:	**2.94**	**Date of Analysis: 5/21/13 07:35 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	11	Not Detected
Chlorobenzene	1.5	Not Detected	6.8	Not Detected
Ethyl Benzene	1.5	Not Detected	6.4	Not Detected
m,p-Xylene	1.5	Not Detected	6.4	Not Detected
o-Xylene	1.5	Not Detected	6.4	Not Detected
Styrene	1.5	Not Detected	6.3	Not Detected
Bromoform	1.5	Not Detected	15	Not Detected
Cumene	1.5	Not Detected	7.2	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.2	Not Detected
4-Ethyltoluene	1.5	Not Detected	7.2	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.2	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.2	Not Detected
1,3-Dichlorobenzene	1.5	Not Detected	8.8	Not Detected
1,4-Dichlorobenzene	1.5	Not Detected	8.8	Not Detected
alpha-Chlorotoluene	1.5	Not Detected	7.6	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	8.8	Not Detected
1,2,4-Trichlorobenzene	5.9	Not Detected	44	Not Detected
Hexachlorobutadiene	5.9	Not Detected	63	Not Detected
Butane	5.9	9.4	14	22
Isopentane	5.9	19	17	57

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: VMP-12-5-051013

Lab ID#: 1305318A-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052118**	**Date of Collection:**	**5/10/13 9:29:00 AM**
Dil. Factor:	**2.82**	**Date of Analysis:**	**5/21/13 08:29 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.61 J	7.0	3.0 J
Freon 114	1.4	Not Detected	9.8	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.1	Not Detected
Bromomethane	14	Not Detected	55	Not Detected
Chloroethane	5.6	Not Detected	15	Not Detected
Freon 11	1.4	0.29 J	7.9	1.6 J
Ethanol	5.6	46 J	11	87 J
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Acetone	14	15	33	36
2-Propanol	5.6	57	14	140
Carbon Disulfide	5.6	Not Detected	18	Not Detected
3-Chloropropene	5.6	Not Detected	18	Not Detected
Methylene Chloride	14	Not Detected	49	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.1	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Hexane	1.4	0.48 J	5.0	1.7 J
1,1-Dichloroethane	1.4	Not Detected	5.7	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.6	2.3 J	17	6.8 J
cis-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Tetrahydrofuran	1.4	0.56 J	4.2	1.7 J
Chloroform	1.4	Not Detected	6.9	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Cyclohexane	1.4	Not Detected	4.8	Not Detected
Carbon Tetrachloride	1.4	Not Detected	8.9	Not Detected
2,2,4-Trimethylpentane	1.4	1.0 J	6.6	4.7 J
Benzene	1.4	7.9	4.5	25
1,2-Dichloroethane	1.4	Not Detected	5.7	Not Detected
Heptane	1.4	Not Detected	5.8	Not Detected
Trichloroethene	1.4	Not Detected	7.6	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.5	Not Detected
1,4-Dioxane	5.6	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.4	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
4-Methyl-2-pentanone	1.4	0.68 J	5.8	2.8 J
Toluene	1.4	1.4	5.3	5.4
trans-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Tetrachloroethene	1.4	Not Detected	9.6	Not Detected
2-Hexanone	5.6	Not Detected	23	Not Detected

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Client Sample ID: VMP-12-5-051013

Lab ID#: 1305318A-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052118**	**Date of Collection: 5/10/13 9:29:00 AM**	
Dil. Factor:	**2.82**	**Date of Analysis: 5/21/13 08:29 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	Not Detected	6.5	Not Detected
Ethyl Benzene	1.4	Not Detected	6.1	Not Detected
m,p-Xylene	1.4	0.43 J	6.1	1.9 J
o-Xylene	1.4	Not Detected	6.1	Not Detected
Styrene	1.4	Not Detected	6.0	Not Detected
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	0.28 J	6.9	1.4 J
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.7	Not Detected
Propylbenzene	1.4	Not Detected	6.9	Not Detected
4-Ethyltoluene	1.4	Not Detected	6.9	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	6.9	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	6.9	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.3	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
1,2,4-Trichlorobenzene	5.6	Not Detected	42	Not Detected
Hexachlorobutadiene	5.6	Not Detected	60	Not Detected
Butane	5.6	3.2 J	13	7.5 J
Isopentane	5.6	7.3	17	21

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	87	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: VMP-I2-11.5-051013

Lab ID#: 1305318A-12A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052119**	**Date of Collection:**	**5/10/13 10:25:00 AM**
Dil. Factor:	**2.77**	**Date of Analysis:**	**5/21/13 09:17 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.50 J	6.8	2.5 J
Freon 114	1.4	Not Detected	9.7	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.5	Not Detected
1,3-Butadiene	1.4	Not Detected	3.1	Not Detected
Bromomethane	14	Not Detected	54	Not Detected
Chloroethane	5.5	Not Detected	15	Not Detected
Freon 11	1.4	Not Detected	7.8	Not Detected
Ethanol	5.5	Not Detected	10	Not Detected
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.5	Not Detected
Acetone	14	16	33	37
2-Propanol	5.5	1.7 J	14	4.2 J
Carbon Disulfide	5.5	Not Detected	17	Not Detected
3-Chloropropene	5.5	Not Detected	17	Not Detected
Methylene Chloride	14	Not Detected	48	Not Detected
Methyl tert-butyl ether	1.4	Not Detected	5.0	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.5	Not Detected
Hexane	1.4	Not Detected	4.9	Not Detected
1,1-Dichloroethane	1.4	Not Detected	5.6	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.5	2.2 J	16	6.5 J
cis-1,2-Dichloroethene	1.4	Not Detected	5.5	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.1	Not Detected
Chloroform	1.4	Not Detected	6.8	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.6	Not Detected
Cyclohexane	1.4	Not Detected	4.8	Not Detected
Carbon Tetrachloride	1.4	Not Detected	8.7	Not Detected
2,2,4-Trimethylpentane	1.4	47	6.5	220
Benzene	1.4	0.32 J	4.4	1.0 J
1,2-Dichloroethane	1.4	Not Detected	5.6	Not Detected
Heptane	1.4	Not Detected	5.7	Not Detected
Trichloroethene	1.4	Not Detected	7.4	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.4	Not Detected
1,4-Dioxane	5.5	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.3	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.3	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.7	Not Detected
Toluene	1.4	Not Detected	5.2	Not Detected
trans-1,3-Dichloropropene	1.4	Not Detected	6.3	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.6	Not Detected
Tetrachloroethene	1.4	Not Detected	9.4	Not Detected
2-Hexanone	5.5	Not Detected	23	Not Detected

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Client Sample ID: VMP-12-11.5-051013

Lab ID#: 1305318A-12A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052119**	**Date of Collection: 5/10/13 10:25:00 AM**	
Dil. Factor:	**2.77**	**Date of Analysis: 5/21/13 09:17 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	Not Detected	6.4	Not Detected
Ethyl Benzene	1.4	Not Detected	6.0	Not Detected
m,p-Xylene	1.4	Not Detected	6.0	Not Detected
o-Xylene	1.4	Not Detected	6.0	Not Detected
Styrene	1.4	Not Detected	5.9	Not Detected
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	Not Detected	6.8	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.5	Not Detected
Propylbenzene	1.4	Not Detected	6.8	Not Detected
4-Ethyltoluene	1.4	Not Detected	6.8	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	6.8	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	6.8	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.3	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.3	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.2	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.3	Not Detected
1,2,4-Trichlorobenzene	5.5	Not Detected	41	Not Detected
Hexachlorobutadiene	5.5	Not Detected	59	Not Detected
Butane	5.5	Not Detected	13	Not Detected
Isopentane	5.5	Not Detected	16	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	106	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1305318A-13A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052107a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/21/13 11:02 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1305318A-13A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052107a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/21/13 11:02 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	0.10 J	3.8	0.78 J
Chlorobenzene	0.50	0.092 J	2.3	0.42 J
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	0.11 J	2.1	0.47 J
Bromoform	0.50	0.092 J	5.2	0.95 J
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	0.11 J	3.4	0.76 J
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	0.094 J	2.4	0.46 J
1,3-Dichlorobenzene	0.50	0.25 J	3.0	1.5 J
1,4-Dichlorobenzene	0.50	0.32 J	3.0	1.9 J
alpha-Chlorotoluene	0.50	0.20 J	2.6	1.0 J
1,2-Dichlorobenzene	0.50	0.28 J	3.0	1.7 J
1,2,4-Trichlorobenzene	2.0	0.94 J	15	7.0 J
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Butane	2.0	Not Detected	4.8	Not Detected
Isopentane	2.0	Not Detected	5.9	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	85	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: CCV

Lab ID#: 1305318A-14A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/21/13 07:11 AM**	

Compound	%Recovery
Freon 12	81
Freon 114	88
Chloromethane	83
Vinyl Chloride	94
1,3-Butadiene	99
Bromomethane	123
Chloroethane	90
Freon 11	78
Ethanol	106
Freon 113	88
1,1-Dichloroethene	93
Acetone	100
2-Propanol	87
Carbon Disulfide	80
3-Chloropropene	102
Methylene Chloride	88
Methyl tert-butyl ether	74
trans-1,2-Dichloroethene	93
Hexane	94
1,1-Dichloroethane	86
2-Butanone (Methyl Ethyl Ketone)	97
cis-1,2-Dichloroethene	90
Tetrahydrofuran	98
Chloroform	82
1,1,1-Trichloroethane	76
Cyclohexane	93
Carbon Tetrachloride	81
2,2,4-Trimethylpentane	90
Benzene	94
1,2-Dichloroethane	80
Heptane	99
Trichloroethene	92
1,2-Dichloropropane	92
1,4-Dioxane	94
Bromodichloromethane	87
cis-1,3-Dichloropropene	90
4-Methyl-2-pentanone	99
Toluene	88
trans-1,3-Dichloropropene	93
1,1,2-Trichloroethane	92
Tetrachloroethene	92
2-Hexanone	102

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Client Sample ID: CCV

Lab ID#: 1305318A-14A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/21/13 07:11 AM**	

Compound	%Recovery
Dibromochloromethane	92
1,2-Dibromoethane (EDB)	94
Chlorobenzene	87
Ethyl Benzene	97
m,p-Xylene	98
o-Xylene	97
Styrene	100
Bromoform	95
Cumene	92
1,1,2,2-Tetrachloroethane	88
Propylbenzene	99
4-Ethyltoluene	99
1,3,5-Trimethylbenzene	101
1,2,4-Trimethylbenzene	109
1,3-Dichlorobenzene	96
1,4-Dichlorobenzene	90
alpha-Chlorotoluene	85
1,2-Dichlorobenzene	90
1,2,4-Trichlorobenzene	94
Hexachlorobutadiene	89
Butane	90
Isopentane	97

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	84	70-130
4-Bromofluorobenzene	104	70-130

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Client Sample ID: LCS

Lab ID#: 1305318A-15A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052105**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/21/13 09:34 AM**	

Compound	%Recovery
Freon 12	93
Freon 114	102
Chloromethane	94
Vinyl Chloride	107
1,3-Butadiene	114
Bromomethane	142 Q
Chloroethane	105
Freon 11	92
Ethanol	142 Q
Freon 113	104
1,1-Dichloroethene	114
Acetone	110
2-Propanol	108
Carbon Disulfide	113
3-Chloropropene	126
Methylene Chloride	99
Methyl tert-butyl ether	89
trans-1,2-Dichloroethene	120
Hexane	104
1,1-Dichloroethane	98
2-Butanone (Methyl Ethyl Ketone)	116
cis-1,2-Dichloroethene	105
Tetrahydrofuran	106
Chloroform	95
1,1,1-Trichloroethane	90
Cyclohexane	103
Carbon Tetrachloride	98
2,2,4-Trimethylpentane	97
Benzene	108
1,2-Dichloroethane	93
Heptane	109
Trichloroethene	109
1,2-Dichloropropane	104
1,4-Dioxane	107
Bromodichloromethane	102
cis-1,3-Dichloropropene	106
4-Methyl-2-pentanone	112
Toluene	102
trans-1,3-Dichloropropene	110
1,1,2-Trichloroethane	106
Tetrachloroethene	108
2-Hexanone	122

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Client Sample ID: LCS

Lab ID#: 1305318A-15A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052105**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/21/13 09:34 AM**	

Compound	%Recovery
Dibromochloromethane	108
1,2-Dibromoethane (EDB)	112
Chlorobenzene	101
Ethyl Benzene	113
m,p-Xylene	116
o-Xylene	114
Styrene	119
Bromoform	112
Cumene	109
1,1,2,2-Tetrachloroethane	104
Propylbenzene	116
4-Ethyltoluene	111
1,3,5-Trimethylbenzene	116
1,2,4-Trimethylbenzene	122
1,3-Dichlorobenzene	112
1,4-Dichlorobenzene	106
alpha-Chlorotoluene	103
1,2-Dichlorobenzene	109
1,2,4-Trichlorobenzene	113
Hexachlorobutadiene	106
Butane	101
Isopentane	110

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	85	70-130
4-Bromofluorobenzene	108	70-130

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Client Sample ID: LCSD

Lab ID#: 1305318A-15AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052106**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/21/13 10:15 AM**	

Compound	%Recovery
Freon 12	91
Freon 114	101
Chloromethane	93
Vinyl Chloride	105
1,3-Butadiene	110
Bromomethane	141 Q
Chloroethane	102
Freon 11	90
Ethanol	132 Q
Freon 113	101
1,1-Dichloroethene	113
Acetone	109
2-Propanol	106
Carbon Disulfide	111
3-Chloropropene	123
Methylene Chloride	99
Methyl tert-butyl ether	88
trans-1,2-Dichloroethene	118
Hexane	103
1,1-Dichloroethane	97
2-Butanone (Methyl Ethyl Ketone)	113
cis-1,2-Dichloroethene	103
Tetrahydrofuran	104
Chloroform	94
1,1,1-Trichloroethane	88
Cyclohexane	104
Carbon Tetrachloride	97
2,2,4-Trimethylpentane	96
Benzene	107
1,2-Dichloroethane	92
Heptane	108
Trichloroethene	107
1,2-Dichloropropane	103
1,4-Dioxane	106
Bromodichloromethane	101
cis-1,3-Dichloropropene	104
4-Methyl-2-pentanone	111
Toluene	101
trans-1,3-Dichloropropene	108
1,1,2-Trichloroethane	104
Tetrachloroethene	106
2-Hexanone	119

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Client Sample ID: LCSD

Lab ID#: 1305318A-15AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2052106**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/21/13 10:15 AM**	

Compound	%Recovery
Dibromochloromethane	106
1,2-Dibromoethane (EDB)	111
Chlorobenzene	101
Ethyl Benzene	110
m,p-Xylene	113
o-Xylene	111
Styrene	115
Bromoform	109
Cumene	105
1,1,2,2-Tetrachloroethane	102
Propylbenzene	112
4-Ethyltoluene	106
1,3,5-Trimethylbenzene	112
1,2,4-Trimethylbenzene	119
1,3-Dichlorobenzene	108
1,4-Dichlorobenzene	101
alpha-Chlorotoluene	99
1,2-Dichlorobenzene	104
1,2,4-Trichlorobenzene	110
Hexachlorobutadiene	101
Butane	100
Isopentane	108

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	82	70-130
4-Bromofluorobenzene	106	70-130

1305318

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CN ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian

INCIDENT # (ENV SERVICES): 9 7 2 1 5 6 4 0 ☐ CHECK IF NO INCIDENT # APPLIES

PO #:

SAP #: 3 4 0 0 5 1

DATE 05/13/13

PAGE: 1 of 2

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA

State: IL

GLOBAL ID NO:

ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300, ST. LOUIS, MO 63110

EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis

PHONE NO: 314-743-4178

E-MAIL: Elizabeth_Kunkel@URSCorp.com

CONSULTANT PROJECT NAME#: Roxana Soil Vapor

Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B Folsom, CA 95630-4719

C. Williams, M. Manoker, B. Lohan, E. Arthur, L. Rathnow, S. Fisher

TELEPHONE: 314-429-0100

FAX: 314-429-0462

Bill To Contact E-MAIL: Robert.Mooshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

Turn Around Time: ☑ Normal ☐ Rush ☐ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

ADDITIONAL NOTES:

- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

Custody Seal Intact?
(Y) N None Temp NA

Lab Use Only	Field Sample Identification	Sampling Date	Sampling Time	Canister Number	Canister Pressure/Vacuum Initial	Canister Pressure/Vacuum Final	Canister Pressure/Vacuum Receipt	Canister Pressure/Vacuum Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
01A	VMP-4-5-050913	05/09/13	1353-1423	2052	-28.5	-11			X	X	
02A	VMP-4-12-050913	05/09/13	1442-1514	34650	-29	-10			X	X	
03A	VMP-6-39-050913	05/09/13	1447-1519	35645	-30	-8			X	X	
04A	VMP-6-39-050913-Dup	05/09/13	1447-1519	34577	-30	-9.5			X	X	
05A	VMP-15-5-050913	05/09/13	0914-0943	37413	-30	-12			X	X	
06A	VMP-21-5-051013	05/10/13	0937-1007	3057	-28	-8.5			X	X	
07A	VMP-21-10-051013	05/10/13	1032-1102	3003	-28.5	-9			X	X	
08A	VMP-21-25-051013	05/10/13	1301-1331	3037	-28.5	-9			X	X	
09A	VMP-21-5-051013	05/10/13	1355-1428	8035	-29.5	-9			X	X	
10A	VMP-49-20-050913	05/09/13	0909-0937	35607	-28.5	-9			X	X	

	Relinquished by: (Signature)	Received by: (Signature)	Date	Time
1		FEDEX	5/13/13	1700
2		Kathi Decker ATL	05/14/13	0945
3				

05/2006 Revision

1305318

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CN ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian

INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0 ☐ CHECK IF NO INCIDENT # APPLIES

PO #:

SAP #: 3 4 0 0 6 1

DATE: 05/13/13

PAGE: 2 of 2

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE -- ROXANA

State: IL

GLOBAL ID NO:

ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300, ST. LOUIS, MO 63110

EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis

PHONE NO: 314-743-4179

E-MAIL: Elizabeth_Kunkel@URSCorp.com

CONSULTANT PROJECT NAME: Roxana Soil Vapor

Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B Folsom, CA 95630-4719

C. Williams, M. Mansker, B. Lehan, E. Arthur, L. Rothnow, S. Fisher.

TELEPHONE: 314-429-0100

FAX: 314-429-0462

Bill To Contact E-MAIL: Robert.Mooshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS)
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
1	VMP-12-5-051013	05/10/13	0903-0929	36474	-27	-9			X	X	
2	VMP-12-11.5-051013	05/10/13	0953-1025	34086	-30	-8.5			X	X	
									X	X	
									X	X	
									X	X	
									X	X	
									X	X	
									X	X	
									X	X	
									X	X	

Turn Around Time: ☑ Normal ☐ Rush Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

ADDITIONAL NOTES:

- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

FedEx
Custody Seal Intact?
Y N None Temp N/A

5/13/13

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	FEDEX	5/13/13	1700
Relinquished by: (Signature)	Received by: (Signature) Valerie Decker HTL	05/14/13	0945
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

05/2/06 Revision

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6/2/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305318B

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/14/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1305318B

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/14/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	06/02/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-4-5-050913	Modified ASTM D-1946	11 "Hg	14.5 psi
02A	VMP-4-12-050913	Modified ASTM D-1946	9.8 "Hg	15 psi
03A	VMP-6-39-050913	Modified ASTM D-1946	8.2 "Hg	14.5 psi
04A	VMP-6-39-050913-Dup	Modified ASTM D-1946	9.6 "Hg	14.6 psi
05A	VMP-15-5-050913	Modified ASTM D-1946	10.8 "Hg	15 psi
06A	VMP-21-5-051013	Modified ASTM D-1946	8.8 "Hg	15.1 psi
07A	VMP-21-10-051013	Modified ASTM D-1946	9.2 "Hg	15 psi
08A	VMP-21-25-051013	Modified ASTM D-1946	9.4 "Hg	15.1 psi
09A	VMP-21-5-051013	Modified ASTM D-1946	9 "Hg	14.5 psi
10A	VMP-49-20-050913	Modified ASTM D-1946	9.4 "Hg	15 psi
11A	VMP-12-5-051013	Modified ASTM D-1946	8.8 "Hg	14.6 psi
12A	VMP-12-11.5-051013	Modified ASTM D-1946	8.2 "Hg	14.9 psi
13A	Lab Blank	Modified ASTM D-1946	NA	NA
13B	Lab Blank	Modified ASTM D-1946	NA	NA
14A	LCS	Modified ASTM D-1946	NA	NA
14AA	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 06/02/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified ASTM D-1946
URS Corporation
Workorder# 1305318B

Twelve 1 Liter Summa Canister samples were received on May 14, 2013. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane and fixed gases in air using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Since Nitrogen is used to pressurize samples, the reported Nitrogen values are calculated by adding all the sample components and subtracting from 100%.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*ASTM D-1946*	*ATL Modifications*
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

The Chain of Custody (COC) information for sample VMP-21-33-051013 did not match the entry on the sample tag with regard to sample identification. The information on the sample tag was used to process and report the sample.

Analytical Notes

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

The reporting limit for Nitrogen was raised from 0.1% to 0.5%.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

eurofins | Air Toxics

Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-4-5-050913

Lab ID#: 1305318B-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	19
Nitrogen	1.6	80
Methane	0.00031	0.00011 J
Carbon Dioxide	0.031	0.94
Helium	0.16	0.078 J

Client Sample ID: VMP-4-12-050913

Lab ID#: 1305318B-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	20
Nitrogen	1.5	79
Methane	0.00030	0.00019 J
Carbon Dioxide	0.030	0.91
Helium	0.15	0.041 J

Client Sample ID: VMP-6-39-050913

Lab ID#: 1305318B-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	13
Nitrogen	1.4	79
Methane	0.00027	0.051 J
Carbon Dioxide	0.027	7.6
Helium	0.14	0.035 J

Client Sample ID: VMP-6-39-050913-Dup

Lab ID#: 1305318B-04A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	12
Nitrogen	1.5	80

eurofins | Air Toxics

Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-6-39-050913-Dup

Lab ID#: 1305318B-04A

Methane	0.00029	0.0013 J
Carbon Dioxide	0.029	8.3
Helium	0.15	0.030 J

Client Sample ID: VMP-15-5-050913

Lab ID#: 1305318B-05A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	9.6
Nitrogen	1.6	86
Methane	0.00032	0.00041
Carbon Dioxide	0.032	4.1

Client Sample ID: VMP-21-5-051013

Lab ID#: 1305318B-06A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	17
Nitrogen	1.4	81
Carbon Dioxide	0.029	1.9
Helium	0.14	0.087 J

Client Sample ID: VMP-21-10-051013

Lab ID#: 1305318B-07A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	17
Nitrogen	1.4	80
Carbon Dioxide	0.029	3.3

Client Sample ID: VMP-21-25-051013

Lab ID#: 1305318B-08A

Compound	Rpt. Limit (%)	Amount (%)

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-21-25-051013

Lab ID#: 1305318B-08A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	14
Nitrogen	1.5	80
Carbon Dioxide	0.030	6.2

Client Sample ID: VMP-21-5-051013

Lab ID#: 1305318B-09A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	12
Nitrogen	1.4	80
Carbon Dioxide	0.028	7.6
Helium	0.14	0.086 J

Client Sample ID: VMP-49-20-050913

Lab ID#: 1305318B-10A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	19
Nitrogen	1.5	79
Methane	0.00029	0.00011 J
Carbon Dioxide	0.029	1.6
Helium	0.15	0.087 J

Client Sample ID: VMP-12-5-051013

Lab ID#: 1305318B-11A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	20
Nitrogen	1.4	80
Methane	0.00028	0.000088 J
Carbon Dioxide	0.028	0.18
Helium	0.14	0.011 J

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-12-11.5-051013

Lab ID#: 1305318B-12A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	14
Nitrogen	1.4	83
Methane	0.00028	0.091
Carbon Dioxide	0.028	2.9

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Client Sample ID: VMP-4-5-050913

Lab ID#: 1305318B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052208**	**Date of Collection:**	**5/9/13 2:23:00 PM**
Dil. Factor:	**3.14**	**Date of Analysis:**	**5/22/13 07:12 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	19
Nitrogen	1.6	80
Carbon Monoxide	0.031	Not Detected
Methane	0.00031	0.00011 J
Carbon Dioxide	0.031	0.94
Ethane	0.0031	Not Detected
Ethene	0.0031	Not Detected
Helium	0.16	0.078 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-4-12-050913

Lab ID#: 1305318B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052209**	**Date of Collection:**	**5/9/13 3:14:00 PM**
Dil. Factor:	**3.00**	**Date of Analysis:**	**5/22/13 07:35 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	20
Nitrogen	1.5	79
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	0.00019 J
Carbon Dioxide	0.030	0.91
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	0.041 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-6-39-050913

Lab ID#: 1305318B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10052210	Date of Collection:	5/9/13 3:19:00 PM
Dil. Factor:	2.73	Date of Analysis:	5/22/13 07:57 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	13
Nitrogen	1.4	79
Carbon Monoxide	0.027	Not Detected
Methane	0.00027	0.051 J
Carbon Dioxide	0.027	7.6
Ethane	0.0027	Not Detected
Ethene	0.0027	Not Detected
Helium	0.14	0.035 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-6-39-050913-Dup

Lab ID#: 1305318B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052211**	**Date of Collection:**	**5/9/13 3:19:00 PM**
Dil. Factor:	**2.93**	**Date of Analysis:**	**5/22/13 08:18 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	12
Nitrogen	1.5	80
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	0.0013 J
Carbon Dioxide	0.029	8.3
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.15	0.030 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-15-5-050913

Lab ID#: 1305318B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052212**	**Date of Collection:**	**5/9/13 9:43:00 AM**
Dil. Factor:	**3.16**	**Date of Analysis:**	**5/22/13 08:40 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	9.6
Nitrogen	1.6	86
Carbon Monoxide	0.032	Not Detected
Methane	0.00032	0.00041
Carbon Dioxide	0.032	4.1
Ethane	0.0032	Not Detected
Ethene	0.0032	Not Detected
Helium	0.16	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-21-5-051013

Lab ID#: 1305318B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052214**	**Date of Collection: 5/10/13 10:07:00 AM**	
Dil. Factor:	**2.86**	**Date of Analysis: 5/22/13 09:25 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	17
Nitrogen	1.4	81
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	Not Detected
Carbon Dioxide	0.029	1.9
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.14	0.087 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-21-I0-051013

Lab ID#: 1305318B-07A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052215**	**Date of Collection:**	**5/10/13 11:02:00 AM**
Dil. Factor:	**2.91**	**Date of Analysis:**	**5/22/13 09:46 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	17
Nitrogen	1.4	80
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	Not Detected
Carbon Dioxide	0.029	3.3
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-21-25-051013

Lab ID#: 1305318B-08A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052216**	**Date of Collection: 5/10/13 1:31:00 PM**	
Dil. Factor:	**2.95**	**Date of Analysis: 5/22/13 10:09 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	14
Nitrogen	1.5	80
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	Not Detected
Carbon Dioxide	0.030	6.2
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-21-5-051013

Lab ID#: 1305318B-09A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052217**	**Date of Collection:**	**5/10/13 2:28:00 PM**
Dil. Factor:	**2.84**	**Date of Analysis:**	**5/23/13 07:33 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	12
Nitrogen	1.4	80
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	Not Detected
Carbon Dioxide	0.028	7.6
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	0.086 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-49-20-050913

Lab ID#: 1305318B-10A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052218**	**Date of Collection:**	**5/9/13 9:37:00 AM**
Dil. Factor:	**2.94**	**Date of Analysis:**	**5/23/13 08:07 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	19
Nitrogen	1.5	79
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	0.00011 J
Carbon Dioxide	0.029	1.6
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.15	0.087 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-12-5-051013

Lab ID#: 1305318B-11A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052219**	**Date of Collection:**	**5/10/13 9:29:00 AM**
Dil. Factor:	**2.82**	**Date of Analysis:**	**5/23/13 08:41 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	20
Nitrogen	1.4	80
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	0.000088 J
Carbon Dioxide	0.028	0.18
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	0.011 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: VMP-12-11.5-051013

Lab ID#: 1305318B-12A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052220**	**Date of Collection:**	**5/10/13 10:25:00 AM**
Dil. Factor:	**2.77**	**Date of Analysis:**	**5/23/13 09:12 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	14
Nitrogen	1.4	83
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	0.091
Carbon Dioxide	0.028	2.9
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1305318B-13A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052204a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/22/13 05:12 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	0.018 J
Nitrogen	0.50	0.073 J
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected
Ethane	0.0010	Not Detected
Ethene	0.0010	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1305318B-13B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052203c**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/22/13 04:50 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.050	Not Detected

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCS

Lab ID#: 13053I8B-14A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052202**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/22/13 04:20 PM**

Compound	%Recovery
Oxygen	101
Nitrogen	100
Carbon Monoxide	104
Methane	100
Carbon Dioxide	101
Ethane	99
Ethene	99
Helium	100

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCSD

Lab ID#: 1305318B-14AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052226**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/23/13 01:21 PM**	

Compound	%Recovery
Oxygen	103
Nitrogen	100
Carbon Monoxide	105
Methane	100
Carbon Dioxide	101
Ethane	99
Ethene	99
Helium	100

Container Type: NA - Not Applicable

1305318

URS

Shell Oil Products Chain Of Custody Record

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box: ☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL ☐ MOTIVA SOS/CN ☐ CONSULTANT ☐ LUBES ☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Moosheglan
PO #:
INCIDENT # (ENV SERVICES): 97216640
SAP #: 340061
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 05/13/13
PAGE: 1 of 2

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS - Street and City: 900 SOUTH CENTRAL AVE – ROXANA
State: IL
GLOBAL ID NO:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300, ST. LOUIS, MO 63110
EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO: 314-743-4178
E-MAIL: Elizabeth_Kunkel@URSCorp.com
CONSULTANT PROJECT NAME#: Roxana Soil Vapor
Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
C. Williams, M. Mansker, B. Lehan, E. Arthur, L. Rathnow, S. Fisher.
TELEPHONE: 314-429-0100
FAX: 314-429-0462
Bill To Contact E-MAIL: Robert.Moosheg@urs.com

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

Turn Around Time: ☑ Normal ☐ Rush ☐ Specify

Lab Use Only: Pressurized by: Date: Pressurization Gas: N_2 He

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
01A	VMP-4-5-050913	05/09/13	1353-1423	2052	-28.5	-11			X	X	
02A	VMP-4-12-050913	05/09/13	1442-1514	34650	-29	-10			X	X	
03A	VMP-6-39-050913	05/09/13	1447-1519	35645	-30	-8			X	X	
04A	VMP-6-39-050913-Dup	05/09/13	1447-1519	34577	-30	-9.5			X	X	
05A	VMP-15-5-050913	05/09/13	0914-0943	37413	-30	-12			X	X	
06A	VMP-21-5-051013	05/10/13	0937-1007	3057	-28	-8.5			X	X	
07A	VMP-21-10-051013	05/10/13	1032-1102	3003	-26.5	-9			X	X	
08A	VMP-21-25-051013	05/10/13	1301-1331	3037	-26.5	-9			X	X	
09A	VMP-21-5-051013	05/10/13	1356-1428	8035	-29.5	-9			X	X	
10A	VMP-49-20-050913	05/09/13	0909-0937	35607	-28.5	-9			X	X	

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

FedEx
Custody Seal Intact?
(Y) N None Temp NA

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	FEDEX	5/13/13	1700
Relinquished by: (Signature)	Received by: (Signature) Katie Decker PTL	05/14/13	0945
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

05/2006 Revision

1305318

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CN ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Moosheg:an

INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 05/13/13
PAGE: 2 of 2

PO #:
SAP #: 3 4 0 0 6 1

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE -- ROXANA
State: IL
GLOBAL ID NO.:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300, ST. LOUIS, MO 63110
EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO: 314-743-4179
E-MAIL: Elizabeth.Kunkel@URSCorp.com
CONSULTANT PROJECT NAME #: Roxana Soil Vapor
Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
C Williams, M Mansker, B Lehan, E. Arthur, L. Rathnow, S. Fisher.
TELEPHONE: 314-429-0100
FAX: 314-429-0462
Bill To Contact E-MAIL: Robert.Moosheg:an@urs.com

TURNAROUND TIME (CALENDAR DAYS)
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

☐ LA RWQCB REPORT FORMAT ☑ UST AGENCY:
DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

Turn Around Time: ☑ Normal ☐ Rush
Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
VA	VMP-12-5-051013	05/10/13	0903-0929	36474	-27	-9			X	X	
VA	VMP-12-11.5-051013	05/10/13	0953-1025	34086	-30	-9.5			X	X	
									X	X	
									X	X	
									X	X	
									X	X	
									X	X	
									X	X	
									X	X	
									X	X	

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

FedEx
Custody Seal Intact?
Y N None Temp NA

5/13/13

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	FEDEX	5/13/13	1700
Relinquished by: (Signature)	Received by: (Signature) Katie Decker HTL	05/14/13	0945
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

05/2/06 Revision

Roxana Soil Vapor Quarterly – 2nd Quarter 2013 Data Review

Laboratory SDG: 1305466A,B

Data Reviewer: Melissa Mansker

Peer Reviewer: Elizabeth Kunkel

Date Reviewed: 6/24/2013

Guidance: USEPA National Functional Guidelines for Superfund Organic Methods Data Review 2008

Sample Identification	Sample Identification
VMP-6-10-051513	VMP-25-5-051713
VMP-31-5-051513	VMP-31-10-051713
VMP-43-10-051713	VMP-52-10-051613

1.0 Data Package Completeness

Were all items delivered as specified in the QAPP and COC as appropriate?

Yes

2.0 Laboratory Case Narrative \ Cooler Receipt Form

Were problems noted in the laboratory case narrative or cooler receipt form?

Yes, the laboratory case narrative indicated results for 4-ethyltoluene in samples VMP-6-10-051513, VMP-25-5-051713, VMP-43-10-051713, and VMP-52-10-051613 may be biased high due to co-elution with a non-target analyte. Although not indicated in the laboratory case narrative, analytes were detected in the method blank. The CCV recovery for 1,2,4-trimethylbenzene was outside evaluation criteria. These issues are addressed further in the appropriate sections below.

No issues or discrepancies were noted in the cooler receipt form.

3.0 Holding Times

Were samples extracted/analyzed within applicable limits?

Yes

4.0 Blank Contamination

Were any analytes detected in the Blanks?

Yes

Blank ID	Parameter	Analyte	Concentration/ Amount
1305466A-07A	TO-15	Bromomethane	0.45 ppbv / 1.7 µg/m^3
1305466A-07A	TO-15	Methylene chloride	0.10 ppbv / 0.35 µg/m^3
1305466A-07A	TO-15	trans-1,3-Dichloropropene	0.13 ppbv / 0.59 µg/m^3
1305466A-07A	TO-15	m,p-Xylene	0.11 ppbv / 0.48 µg/m^3
1305466A-07A	TO-15	o-Xylene	0.12 ppbv / 0.50 µg/m^3
1305466A-07A	TO-15	Propylbenzene	0.072 ppbv / 0.35 µg/m^3
1305466A-07A	TO-15	1,2,4-Trimethylbenzene	0.086 ppbv / 0.42 µg/m^3

Blank ID	Parameter	Analyte	Concentration/ Amount
1305466A-07A	TO-15	1,3-Dichlorobenzene	0.16 ppbv / 0.99 µg/m^3
1305466A-07A	TO-15	1,4-Dichlorobenzene	0.18 ppbv / 1.1 µg/m^3
1305466A-07A	TO-15	alpha-chlorotoluene	0.10 ppbv / 0.52 µg/m^3
1305466A-07A	TO-15	1,2-Dichlorobenzene	0.15 ppbv / 0.93 µg/m^3
1305466A-07A	TO-15	1,2,4-Trichlorobenzene	0.67 ppbv / 5.0 µg/m^3
1305466A-07A	TO-15	Hexachlorobutadiene	0.27 ppbv / 2.9 µg/m^3
1305466A-07B	TO-15	Bromomethane	1.4 ppbv / 5.4 µg/m^3
1305466A-07B	TO-15	Carbon disulfide	0.33 ppbv / 1.0 µg/m^3
1305466A-07B	TO-15	Methylene chloride	0.20 ppbv / 0.70 µg/m^3
1305466A-07B	TO-15	Hexane	0.097 ppbv / 0.34 µg/m^3
1305466A-07B	TO-15	1,2-Dichloroethane	0.10 ppbv / 0.41 µg/m^3
1305466A-07B	TO-15	Trichloroethene	0.12 ppbv / 0.63 µg/m^3
1305466A-07B	TO-15	cis-1,3-Dichloropropene	0.13 ppbv / 0.61 µg/m^3
1305466A-07B	TO-15	Toluene	0.064 ppbv / 0.24 µg/m^3
1305466A-07B	TO-15	trans-1,3-Dichloropropene	0.20 ppbv / 0.92 µg/m^3
1305466A-07B	TO-15	Tetrachloroethene	0.11 ppbv / 0.75 µg/m^3
1305466A-07B	TO-15	1,2-Dibromoethane (EDB)	0.12 ppbv / 0.94 µg/m^3
1305466A-07B	TO-15	Chlorobenzene	0.14 ppbv / 0.64 µg/m^3
1305466A-07B	TO-15	Ethyl benzene	0.20 ppbv / 0.85 µg/m^3
1305466A-07B	TO-15	m,p-Xylene	0.20 ppbv / 0.86 µg/m^3
1305466A-07B	TO-15	o-Xylene	0.20 ppbv / 0.86 µg/m^3
1305466A-07B	TO-15	Styrene	0.078 ppbv / 0.33 µg/m^3
1305466A-07B	TO-15	1,1,2,2-Tetrachloroethane	0.10 ppbv / 0.69 µg/m^3
1305466A-07B	TO-15	Propylbenzene	0.094 ppbv / 0.46 µg/m^3
1305466A-07B	TO-15	1,2,4-Trimethylbenzene	0.14 ppbv / 0.72 µg/m^3
1305466A-07B	TO-15	1,3-Dichlorobenzene	0.25 ppbv / 1.5 µg/m^3
1305466A-07B	TO-15	1,4-Dichlorobenzene	0.28 ppbv / 1.7 µg/m^3
1305466A-07B	TO-15	alpha-Chlorotoluene	0.18 ppbv / 0.92 µg/m^3
1305466A-07B	TO-15	1,2-Dichlorobenzene	0.24 ppbv / 1.4 µg/m^3
1305466A-07B	TO-15	1,2,4-Trichlorobenzene	0.82 ppbv / 6.1 µg/m^3
1305466A-07B	TO-15	Hexachlorobutadiene	0.35 ppbv / 3.7 µg/m^3
1305466B-07A	Natural gases	Oxygen	0.016%
1305466B-07A	Natural gases	Nitrogen	0.083%

Qualifications due to blank contamination are included in the table below. Analytical data that were reported non-detect or at concentrations greater than five times (5X) the associated blank concentration did not require qualification.

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-6-10-051513	TO-15	Methylene chloride	-	**U**
VMP-6-10-051513	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-25-5-051713	TO-15	Methylene chloride	-	**U**
VMP-25-5-051713	TO-15	trans-1,3-Dichloropropene	-	**U**

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-25-5-051713	TO-15	m,p-Xylene	-	**U**
VMP-25-5-051713	TO-15	1,2,4-Trimethylbenzene	-	**U**
VMP-25-5-051713	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-31-5-051513	TO-15	Methylene chloride	-	**U**
VMP-31-5-051513	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-31-5-051513	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-31-5-051513	TO-15	alpha-Chlorotoluene	-	**U**
VMP-31-10-051713	TO-15	Bromomethane	-	**U**
VMP-31-10-051713	TO-15	Methylene chloride	-	**U**
VMP-31-10-051713	TO-15	Hexane	-	**U**
VMP-31-10-051713	TO-15	Toluene	-	**U**
VMP-31-10-051713	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-31-10-051713	TO-15	Tetrachloroethene	-	**U**
VMP-31-10-051713	TO-15	1,2-Dibromoethane (EDB)	-	**U**
VMP-31-10-051713	TO-15	m,p-Xylene	-	**U**
VMP-31-10-051713	TO-15	1,1,2,2-Tetrachloroethane	-	**U**
VMP-31-10-051713	TO-15	1,2,4-Trimethylbenzene	-	**U**
VMP-31-10-051713	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-31-10-051713	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-31-10-051713	TO-15	alpha-Chlorotoluene	-	**U**
VMP-31-10-051713	TO-15	1,2-Dichlorobenzene	-	**U**
VMP-31-10-051713	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-43-10-051713	TO-15	Methylene chloride	-	**U**
VMP-43-10-051713	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-43-10-051713	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-43-10-051713	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-43-10-051713	TO-15	alpha-Chlorotoluene	-	**U**
VMP-43-10-051713	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-52-10-051613	TO-15	Methylene chloride	-	**U**
VMP-52-10-051613	TO-15	Tetrachloroethene	-	**U**
VMP-52-10-051613	TO-15	Propylbenzene	-	**U**
VMP-52-10-051613	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-52-10-051613	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-52-10-051613	TO-15	1,2,4-Trichlorobenzene	-	**U**

5.0 Laboratory Control Sample

Were LCS recoveries within evaluation criteria?

Yes

6.0 Surrogate Recoveries

Were surrogate recoveries within evaluation criteria?

Yes

7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

Were MS/MSD samples analyzed as part of this SDG?

MS/MSD samples are not applicable for vapor samples, due to the inability to spike the samples.

8.0 Laboratory Duplicate Results

Were laboratory duplicate samples collected as part of this SDG?

No

9.0 Field Duplicate Results

Were field duplicate samples collected as part of this SDG?

No

10.0 Sample Dilutions

For samples that were diluted and nondetect, were undiluted results also reported?

Not applicable; analytes were detected in samples that were diluted.

11.0 Additional Qualifications

Were additional qualifications applied?

Yes, the CCV percent recovery for 1,2,4-trimethylbenzene was outside evaluation criteria as summarized in the table below.

CCV ID	Parameter	Analyte	CCV Recovery	CCV Criteria
1305466A-08A	TO-15	1,2,4-Trimethylbenzene	**133**	70-130

Data requiring qualification based on CCV recoveries are summarized in the following table.

Sample ID	Parameter	Analyte	Qualification
VMP-6-10-051513	TO-15	1,2,4-Trimethylbenzene	**J**

Additionally, results for 4-ethyltoluene may be biased high due to co-elution with a non-target analyte. Qualification of 4-ethyltoluene in these samples is included in the table below.

Sample ID	Parameter	Analyte	Qualification
VMP-6-10-051513	TO-15	4-Ethyltoluene	**J**
VMP-25-5-051713	TO-15	4-Ethyltoluene	**J**
VMP-43-10-051713	TO-15	4-Ethyltoluene	**J**
VMP-52-10-051613	TO-15	4-Ethyltoluene	**J**

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6/6/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305466A

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/22/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

Reviewed on 6/24/2013

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WORK ORDER #: 1305466A

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/22/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	06/06/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-6-10-051513	Modified TO-15	8.4 "Hg	15.2 psi
02A	VMP-25-5-051713	Modified TO-15	7.8 "Hg	15.2 psi
03A	VMP-31-5-051513	Modified TO-15	9.4 "Hg	15 psi
04A	VMP-31-10-051713	Modified TO-15	11 "Hg	15.2 psi
05A	VMP-43-10-051713	Modified TO-15	10 "Hg	15.4 psi
06A	VMP-52-10-051613	Modified TO-15	8.8 "Hg	15 psi
07A	Lab Blank	Modified TO-15	NA	NA
07B	Lab Blank	Modified TO-15	NA	NA
08A	CCV	Modified TO-15	NA	NA
08B	CCV	Modified TO-15	NA	NA
09A	LCS	Modified TO-15	NA	NA
09AA	LCSD	Modified TO-15	NA	NA
09B	LCS	Modified TO-15	NA	NA
09BB	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 06/06/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
URS Corporation
Workorder# 1305466A

Six 1 Liter Summa Canister samples were received on May 22, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per client project requirements, the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified (0.2 ppbv for compounds reported at 0.5 ppbv and 0.8 ppbv for compounds reported at 2.0 ppbv) may be false positives.

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

The reported results for 4-Ethyltoluene in samples VMP-6-10-051513, VMP-25-5-051713, VMP-43-10-051713, and VMP-52-10-051613 may be biased high due to co-elution with a non target compound with similar characteristic ions. Both the primary and secondary ions for 4-Ethyltoluene exhibited potential interference.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-6-10-051513

Lab ID#: 1305466A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.51 J	7.0	2.5 J
Ethanol	5.6	45	11	85
Acetone	14	11 J	33	26 J
2-Propanol	5.6	1.8 J	14	4.4 J
Methylene Chloride	14	~~0.22 J~~ U	49	~~0.78 J~~ U
Hexane	1.4	11	5.0	38
2-Butanone (Methyl Ethyl Ketone)	5.6	3.4 J	17	9.9 J
Cyclohexane	1.4	6.2	4.8	21
2,2,4-Trimethylpentane	1.4	20	6.6	92
Benzene	1.4	0.81 J	4.5	2.6 J
Heptane	1.4	12	5.8	47
Toluene	1.4	8.4	5.3	31
Tetrachloroethene	1.4	0.19 J	9.6	1.3 J
Ethyl Benzene	1.4	12	6.1	54
m,p-Xylene	1.4	99	6.1	430
o-Xylene	1.4	50	6.1	220
4-Ethyltoluene	1.4	80 J	6.9	390 J
1,3,5-Trimethylbenzene	1.4	66	6.9	320
1,2,4-Trimethylbenzene	1.4	22 J J	6.9	110 J J
1,4-Dichlorobenzene	1.4	~~0.26 J~~ U	8.5	~~1.5 J~~ U
Butane	5.6	33	13	79
Isopentane	5.6	43	17	130

Client Sample ID: VMP-25-5-051713

Lab ID#: 1305466A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.45 J	6.8	2.2 J
Freon 11	1.4	0.24 J	7.7	1.4 J
Ethanol	5.5	10	10	20
Acetone	14	8.0 J	32	19 J
2-Propanol	5.5	13	13	32
Methylene Chloride	14	~~0.38 J~~ U	48	~~1.3 J~~ U

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-25-5-051713

Lab ID#: 1305466A-02A

Hexane	1.4	1.2 J	4.8	4.4 J
2-Butanone (Methyl Ethyl Ketone)	5.5	1.1 J	16	3.2 J
Cyclohexane	1.4	0.49 J	4.7	1.7 J
2,2,4-Trimethylpentane	1.4	1.4	6.4	6.6
Benzene	1.4	7.3	4.4	23
Heptane	1.4	0.50 J	5.6	2.0 J
4-Methyl-2-pentanone	1.4	0.33 J	5.6	1.3 J
Toluene	1.4	0.61 J	5.2	2.3 J
trans-1,3-Dichloropropene	1.4	~~0.25 J~~ U	6.2	~~1.1 J~~ U
Tetrachloroethene	1.4	0.26 J	9.3	1.7 J
m,p-Xylene	1.4	~~0.49 J~~ U	5.9	~~2.1 J~~ U
4-Ethyltoluene	1.4	0.42 J J	6.7	2.1 J J
1,2,4-Trimethylbenzene	1.4	~~0.23 J~~ U	6.7	~~1.2 J~~ U
1,4-Dichlorobenzene	1.4	~~0.18 J~~ U	8.2	~~1.1 J~~ U
Butane	5.5	2.1 J	13	5.0 J
Isopentane	5.5	6.2	16	18

Client Sample ID: VMP-31-5-051513

Lab ID#: 1305466A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.44 J	7.3	2.2 J
Freon 11	1.5	0.27 J	8.2	1.5 J
Ethanol	5.9	3.7 J	11	6.9 J
Acetone	15	14 J	35	33 J
2-Propanol	5.9	3.8 J	14	9.4 J
Methylene Chloride	15	~~0.42 J~~ U	51	~~1.4 J~~ U
Hexane	1.5	0.54 J	5.2	1.9 J
2-Butanone (Methyl Ethyl Ketone)	5.9	2.5 J	17	7.5 J
Cyclohexane	1.5	0.26 J	5.0	0.89 J
2,2,4-Trimethylpentane	1.5	1.6	6.9	7.5
Benzene	1.5	6.6	4.7	21
Toluene	1.5	0.50 J	5.5	1.9 J
trans-1,3-Dichloropropene	1.5	~~0.49 J~~ U	6.7	~~2.2 J~~ U
2-Hexanone	5.9	0.42 J	24	1.7 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-31-5-051513

Lab ID#: 1305466A-03A

1,4-Dichlorobenzene	1.5	~~0.25 J~~ U	8.8	~~1.5 J~~ U
alpha-Chlorotoluene	1.5	~~0.21 J~~ U	7.6	~~1.1 J~~ U
Isopentane	5.9	4.0 J	17	12 J

Client Sample ID: VMP-31-10-051713

Lab ID#: 1305466A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.47 J	8.0	2.3 J
Bromomethane	16	~~3.0 J~~ U	62	~~12 J~~ U
Acetone	16	16	38	37
2-Propanol	6.4	2.3 J	16	5.6 J
Carbon Disulfide	6.4	1.7 J	20	5.4 J
Methylene Chloride	16	~~0.87 J~~ U	56	~~3.0 J~~ U
Hexane	1.6	~~0.45 J~~ U	5.7	~~1.6 J~~ U
2-Butanone (Methyl Ethyl Ketone)	6.4	1.9 J	19	5.5 J
2,2,4-Trimethylpentane	1.6	0.69 J	7.5	3.2 J
Benzene	1.6	0.40 J	5.1	1.3 J
Toluene	1.6	~~0.32 J~~ U	6.1	~~1.2 J~~ U
trans-1,3-Dichloropropene	1.6	~~0.68 J~~ U	7.3	~~3.1 J~~ U
Tetrachloroethene	1.6	~~0.23 J~~ U	11	~~1.6 J~~ U
1,2-Dibromoethane (EDB)	1.6	~~0.32 J~~ U	12	~~2.4 J~~ U
m,p-Xylene	1.6	~~0.31 J~~ U	7.0	~~1.4 J~~ U
1,1,2,2-Tetrachloroethane	1.6	~~0.17 J~~ U	11	~~1.2 J~~ U
1,2,4-Trimethylbenzene	1.6	~~0.28 J~~ U	7.9	~~1.4 J~~ U
1,3-Dichlorobenzene	1.6	~~0.54 J~~ U	9.7	~~3.2 J~~ U
1,4-Dichlorobenzene	1.6	~~0.63 J~~ U	9.7	~~3.8 J~~ U
alpha-Chlorotoluene	1.6	~~0.31 J~~ U	8.3	~~1.6 J~~ U
1,2-Dichlorobenzene	1.6	~~0.52 J~~ U	9.7	~~3.1 J~~ U
1,2,4-Trichlorobenzene	6.4	~~1.4 J~~ U	48	~~11 J~~ U

Client Sample ID: VMP-43-10-051713

Lab ID#: 1305466A-05A

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-43-10-051713

Lab ID#: 1305466A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.40 J	7.6	2.0 J
Freon 11	1.5	0.25 J	8.6	1.4 J
Ethanol	6.1	5.2 J	12	9.9 J
Acetone	15	12 J	36	30 J
2-Propanol	6.1	4.4 J	15	11 J
Methylene Chloride	15	~~0.89 J~~ U	53	~~3.1 J~~ U
Hexane	1.5	2.7	5.4	9.4
2-Butanone (Methyl Ethyl Ketone)	6.1	1.6 J	18	4.6 J
Cyclohexane	1.5	4.3	5.3	15
2,2,4-Trimethylpentane	1.5	3.2	7.2	15
Benzene	1.5	0.68 J	4.9	2.2 J
Heptane	1.5	0.70 J	6.3	2.9 J
Toluene	1.5	1.4 J	5.8	5.2 J
trans-1,3-Dichloropropene	1.5	~~0.33 J~~ U	7.0	~~1.5 J~~ U
Ethyl Benzene	1.5	2.7	6.7	12
m,p-Xylene	1.5	7.2	6.7	31
o-Xylene	1.5	3.0	6.7	13
4-Ethyltoluene	1.5	1.7 J	7.5	8.3 J
1,3,5-Trimethylbenzene	1.5	0.67 J	7.5	3.3 J
1,2,4-Trimethylbenzene	1.5	1.6	7.5	7.6
1,3-Dichlorobenzene	1.5	~~0.31 J~~ U	9.2	~~1.8 J~~ U
1,4-Dichlorobenzene	1.5	~~0.38 J~~ U	9.2	~~2.3 J~~ U
alpha-Chlorotoluene	1.5	~~0.26 J~~ U	7.9	~~1.4 J~~ U
1,2,4-Trichlorobenzene	6.1	~~0.94 J~~ U	46	~~6.9 J~~ U
Butane	6.1	20	14	49
Isopentane	6.1	120	18	360

Client Sample ID: VMP-52-10-051613

Lab ID#: 1305466A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.53 J	7.1	2.6 J
Freon 11	1.4	0.28 J	8.0	1.6 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-52-10-051613

Lab ID#: 1305466A-06A

Ethanol	5.7	5.0 J	11	9.4 J
Acetone	14	19	34	46
2-Propanol	5.7	2.0 J	14	4.9 J
Carbon Disulfide	5.7	47	18	150
Methylene Chloride	14	~~0.46 J~~ U	50	~~1.6 J~~ U
Hexane	1.4	15	5.0	52
2-Butanone (Methyl Ethyl Ketone)	5.7	2.1 J	17	6.2 J
1,1,1-Trichloroethane	1.4	3.0	7.8	16
Cyclohexane	1.4	10	4.9	36
2,2,4-Trimethylpentane	1.4	29	6.7	130
Benzene	1.4	0.93 J	4.6	3.0 J
Heptane	1.4	16	5.9	64
Toluene	1.4	3.7	5.4	14
Tetrachloroethene	1.4	~~0.35 J~~ U	9.7	~~2.4 J~~ U
Ethyl Benzene	1.4	5.6	6.2	24
m,p-Xylene	1.4	39	6.2	170
o-Xylene	1.4	20	6.2	85
Cumene	1.4	0.23 J	7.0	1.1 J
Propylbenzene	1.4	~~0.26 J~~ U	7.0	~~1.3 J~~ U
4-Ethyltoluene	1.4	33 J	7.0	160 J
1,3,5-Trimethylbenzene	1.4	28	7.0	140
1,2,4-Trimethylbenzene	1.4	8.4	7.0	42
1,3-Dichlorobenzene	1.4	~~0.27 J~~ U	8.6	~~1.6 J~~ U
1,4-Dichlorobenzene	1.4	~~0.38 J~~ U	8.6	~~2.3 J~~ U
1,2,4-Trichlorobenzene	5.7	~~0.68 J~~ U	42	~~5.1 J~~ U
Butane	5.7	4.2 J	14	10 J
Isopentane	5.7	13	17	38

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Client Sample ID: VMP-6-10-051513

Lab ID#: 1305466A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3052618**	**Date of Collection: 5/15/13 2:23:00 PM**	
Dil. Factor:	**2.82**	**Date of Analysis: 5/26/13 09:10 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.51 J	7.0	2.5 J
Freon 114	1.4	Not Detected	9.8	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.1	Not Detected
Bromomethane	14	Not Detected	55	Not Detected
Chloroethane	5.6	Not Detected	15	Not Detected
Freon 11	1.4	Not Detected	7.9	Not Detected
Ethanol	5.6	45	11	85
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Acetone	14	11 J	33	26 J
2-Propanol	5.6	1.8 J	14	4.4 J
Carbon Disulfide	5.6	Not Detected	18	Not Detected
3-Chloropropene	5.6	Not Detected	18	Not Detected
Methylene Chloride	14	~~0.22 J~~	49	~~0.78 J~~
Methyl tert-butyl ether	1.4	Not Detected	5.1	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Hexane	1.4	11	5.0	38
1,1-Dichloroethane	1.4	Not Detected	5.7	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.6	3.4 J	17	9.9 J
cis-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
Chloroform	1.4	Not Detected	6.9	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Cyclohexane	1.4	6.2	4.8	21
Carbon Tetrachloride	1.4	Not Detected	8.9	Not Detected
2,2,4-Trimethylpentane	1.4	20	6.6	92
Benzene	1.4	0.81 J	4.5	2.6 J
1,2-Dichloroethane	1.4	Not Detected	5.7	Not Detected
Heptane	1.4	12	5.8	47
Trichloroethene	1.4	Not Detected	7.6	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.5	Not Detected
1,4-Dioxane	5.6	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.4	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.8	Not Detected
Toluene	1.4	8.4	5.3	31
trans-1,3-Dichloropropene	1.4	Not Detected	6.4	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.7	Not Detected
Tetrachloroethene	1.4	0.19 J	9.6	1.3 J
2-Hexanone	5.6	Not Detected	23	Not Detected

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Client Sample ID: VMP-6-10-051513

Lab ID#: 1305466A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3052618**	**Date of Collection: 5/15/13 2:23:00 PM**	
Dil. Factor:	**2.82**	**Date of Analysis: 5/26/13 09:10 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	Not Detected	6.5	Not Detected
Ethyl Benzene	1.4	12	6.1	54
m,p-Xylene	1.4	99	6.1	430
o-Xylene	1.4	50	6.1	220
Styrene	1.4	Not Detected	6.0	Not Detected
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	Not Detected	6.9	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.7	Not Detected
Propylbenzene	1.4	Not Detected	6.9	Not Detected
4-Ethyltoluene	1.4	80 J	6.9	390 J
1,3,5-Trimethylbenzene	1.4	66	6.9	320
1,2,4-Trimethylbenzene	1.4	22 J J	6.9	110 J J
1,3-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
1,4-Dichlorobenzene	1.4	~~0.26 J~~	8.5	~~1.5 J~~
alpha-Chlorotoluene	1.4	Not Detected	7.3	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.5	Not Detected
1,2,4-Trichlorobenzene	5.6	Not Detected	42	Not Detected
Hexachlorobutadiene	5.6	Not Detected	60	Not Detected
Butane	5.6	33	13	79
Isopentane	5.6	43	17	130

J = Estimated value.
J = Estimated value due to bias in the CCV.
Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	89	70-130

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Client Sample ID: VMP-25-5-051713

Lab ID#: 1305466A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3052619**	**Date of Collection:**	**5/17/13 9:36:00 AM**
Dil. Factor:	**2.74**	**Date of Analysis:**	**5/26/13 09:43 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.45 J	6.8	2.2 J
Freon 114	1.4	Not Detected	9.6	Not Detected
Chloromethane	14	Not Detected	28	Not Detected
Vinyl Chloride	1.4	Not Detected	3.5	Not Detected
1,3-Butadiene	1.4	Not Detected	3.0	Not Detected
Bromomethane	14	Not Detected	53	Not Detected
Chloroethane	5.5	Not Detected	14	Not Detected
Freon 11	1.4	0.24 J	7.7	1.4 J
Ethanol	5.5	10	10	20
Freon 113	1.4	Not Detected	10	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Acetone	14	8.0 J	32	19 J
2-Propanol	5.5	13	13	32
Carbon Disulfide	5.5	Not Detected	17	Not Detected
3-Chloropropene	5.5	Not Detected	17	Not Detected
Methylene Chloride	14	~~0.38 J~~ U	48	~~1.3 J~~ U
Methyl tert-butyl ether	1.4	Not Detected	4.9	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Hexane	1.4	1.2 J	4.8	4.4 J
1,1-Dichloroethane	1.4	Not Detected	5.5	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.5	1.1 J	16	3.2 J
cis-1,2-Dichloroethene	1.4	Not Detected	5.4	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.0	Not Detected
Chloroform	1.4	Not Detected	6.7	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected	7.5	Not Detected
Cyclohexane	1.4	0.49 J	4.7	1.7 J
Carbon Tetrachloride	1.4	Not Detected	8.6	Not Detected
2,2,4-Trimethylpentane	1.4	1.4	6.4	6.6
Benzene	1.4	7.3	4.4	23
1,2-Dichloroethane	1.4	Not Detected	5.5	Not Detected
Heptane	1.4	0.50 J	5.6	2.0 J
Trichloroethene	1.4	Not Detected	7.4	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.3	Not Detected
1,4-Dioxane	5.5	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.2	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.2	Not Detected
4-Methyl-2-pentanone	1.4	0.33 J	5.6	1.3 J
Toluene	1.4	0.61 J	5.2	2.3 J
trans-1,3-Dichloropropene	1.4	~~0.25 J~~ U	6.2	~~1.1 J~~ U
1,1,2-Trichloroethane	1.4	Not Detected	7.5	Not Detected
Tetrachloroethene	1.4	0.26 J	9.3	1.7 J
2-Hexanone	5.5	Not Detected	22	Not Detected

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Client Sample ID: VMP-25-5-051713

Lab ID#: 1305466A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3052619**	**Date of Collection:**	**5/17/13 9:36:00 AM**
Dil. Factor:	**2.74**	**Date of Analysis:**	**5/26/13 09:43 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	10	Not Detected
Chlorobenzene	1.4	Not Detected	6.3	Not Detected
Ethyl Benzene	1.4	Not Detected	5.9	Not Detected
m,p-Xylene	1.4	~~0.49 J~~ U	5.9	~~2.1 J~~ U
o-Xylene	1.4	Not Detected	5.9	Not Detected
Styrene	1.4	Not Detected	5.8	Not Detected
Bromoform	1.4	Not Detected	14	Not Detected
Cumene	1.4	Not Detected	6.7	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.4	Not Detected
Propylbenzene	1.4	Not Detected	6.7	Not Detected
4-Ethyltoluene	1.4	0.42 J J	6.7	2.1 J J
1,3,5-Trimethylbenzene	1.4	Not Detected	6.7	Not Detected
1,2,4-Trimethylbenzene	1.4	~~0.23 J~~ U	6.7	~~1.2 J~~ U
1,3-Dichlorobenzene	1.4	Not Detected	8.2	Not Detected
1,4-Dichlorobenzene	1.4	~~0.18 J~~ U	8.2	~~1.1 J~~ U
alpha-Chlorotoluene	1.4	Not Detected	7.1	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.2	Not Detected
1,2,4-Trichlorobenzene	5.5	Not Detected	41	Not Detected
Hexachlorobutadiene	5.5	Not Detected	58	Not Detected
Butane	5.5	2.1 J	13	5.0 J
Isopentane	5.5	6.2	16	18

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	91	70-130

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Client Sample ID: VMP-31-5-051513

Lab ID#: 1305466A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3052620	Date of Collection:	5/15/13 9:43:00 AM
Dil. Factor:	2.94	Date of Analysis:	5/26/13 10:25 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.44 J	7.3	2.2 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	Not Detected	30	Not Detected
Vinyl Chloride	1.5	Not Detected	3.8	Not Detected
1,3-Butadiene	1.5	Not Detected	3.2	Not Detected
Bromomethane	15	Not Detected	57	Not Detected
Chloroethane	5.9	Not Detected	16	Not Detected
Freon 11	1.5	0.27 J	8.2	1.5 J
Ethanol	5.9	3.7 J	11	6.9 J
Freon 113	1.5	Not Detected	11	Not Detected
1,1-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Acetone	15	14 J	35	33 J
2-Propanol	5.9	3.8 J	14	9.4 J
Carbon Disulfide	5.9	Not Detected	18	Not Detected
3-Chloropropene	5.9	Not Detected	18	Not Detected
Methylene Chloride	15	~~0.42 J~~	51	~~1.4 J~~
Methyl tert-butyl ether	1.5	Not Detected	5.3	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Hexane	1.5	0.54 J	5.2	1.9 J
1,1-Dichloroethane	1.5	Not Detected	6.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.9	2.5 J	17	7.5 J
cis-1,2-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.3	Not Detected
Chloroform	1.5	Not Detected	7.2	Not Detected
1,1,1-Trichloroethane	1.5	Not Detected	8.0	Not Detected
Cyclohexane	1.5	0.26 J	5.0	0.89 J
Carbon Tetrachloride	1.5	Not Detected	9.2	Not Detected
2,2,4-Trimethylpentane	1.5	1.6	6.9	7.5
Benzene	1.5	6.6	4.7	21
1,2-Dichloroethane	1.5	Not Detected	5.9	Not Detected
Heptane	1.5	Not Detected	6.0	Not Detected
Trichloroethene	1.5	Not Detected	7.9	Not Detected
1,2-Dichloropropane	1.5	Not Detected	6.8	Not Detected
1,4-Dioxane	5.9	Not Detected	21	Not Detected
Bromodichloromethane	1.5	Not Detected	9.8	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.7	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.0	Not Detected
Toluene	1.5	0.50 J	5.5	1.9 J
trans-1,3-Dichloropropene	1.5	~~0.49 J~~	6.7	~~2.2 J~~
1,1,2-Trichloroethane	1.5	Not Detected	8.0	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	5.9	0.42 J	24	1.7 J

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Client Sample ID: VMP-31-5-051513

Lab ID#: 1305466A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3052620	**Date of Collection:**	5/15/13 9:43:00 AM
Dil. Factor:	2.94	**Date of Analysis:**	5/26/13 10:25 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	11	Not Detected
Chlorobenzene	1.5	Not Detected	6.8	Not Detected
Ethyl Benzene	1.5	Not Detected	6.4	Not Detected
m,p-Xylene	1.5	Not Detected	6.4	Not Detected
o-Xylene	1.5	Not Detected	6.4	Not Detected
Styrene	1.5	Not Detected	6.3	Not Detected
Bromoform	1.5	Not Detected	15	Not Detected
Cumene	1.5	Not Detected	7.2	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.2	Not Detected
4-Ethyltoluene	1.5	Not Detected	7.2	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.2	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.2	Not Detected
1,3-Dichlorobenzene	1.5	Not Detected	8.8	Not Detected
1,4-Dichlorobenzene	1.5	0.25 J	8.8	~~1.5 J~~
alpha-Chlorotoluene	1.5	~~0.21 J~~	7.6	1.1 J
1,2-Dichlorobenzene	1.5	Not Detected	8.8	Not Detected
1,2,4-Trichlorobenzene	5.9	Not Detected	44	Not Detected
Hexachlorobutadiene	5.9	Not Detected	63	Not Detected
Butane	5.9	Not Detected	14	Not Detected
Isopentane	5.9	4.0 J	17	12 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	93	70-130

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Client Sample ID: VMP-31-10-051713

Lab ID#: 1305466A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3052807	**Date of Collection:**	5/17/13 2:07:00 PM
Dil. Factor:	3.22	**Date of Analysis:**	5/28/13 02:06 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.47 J	8.0	2.3 J
Freon 114	1.6	Not Detected	11	Not Detected
Chloromethane	16	Not Detected	33	Not Detected
Vinyl Chloride	1.6	Not Detected	4.1	Not Detected
1,3-Butadiene	1.6	Not Detected	3.6	Not Detected
Bromomethane	16	3.0 J	62	12 J
Chloroethane	6.4	Not Detected	17	Not Detected
Freon 11	1.6	Not Detected	9.0	Not Detected
Ethanol	6.4	Not Detected	12	Not Detected
Freon 113	1.6	Not Detected	12	Not Detected
1,1-Dichloroethene	1.6	Not Detected	6.4	Not Detected
Acetone	16	16	38	37
2-Propanol	6.4	2.3 J	16	5.6 J
Carbon Disulfide	6.4	1.7 J	20	5.4 J
3-Chloropropene	6.4	Not Detected	20	Not Detected
Methylene Chloride	16	0.87 J	56	3.0 J
Methyl tert-butyl ether	1.6	Not Detected	5.8	Not Detected
trans-1,2-Dichloroethene	1.6	Not Detected	6.4	Not Detected
Hexane	1.6	0.45 J	5.7	1.6 J
1,1-Dichloroethane	1.6	Not Detected	6.5	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.4	1.9 J	19	5.5 J
cis-1,2-Dichloroethene	1.6	Not Detected	6.4	Not Detected
Tetrahydrofuran	1.6	Not Detected	4.7	Not Detected
Chloroform	1.6	Not Detected	7.9	Not Detected
1,1,1-Trichloroethane	1.6	Not Detected	8.8	Not Detected
Cyclohexane	1.6	Not Detected	5.5	Not Detected
Carbon Tetrachloride	1.6	Not Detected	10	Not Detected
2,2,4-Trimethylpentane	1.6	0.69 J	7.5	3.2 J
Benzene	1.6	0.40 J	5.1	1.3 J
1,2-Dichloroethane	1.6	Not Detected	6.5	Not Detected
Heptane	1.6	Not Detected	6.6	Not Detected
Trichloroethene	1.6	Not Detected	8.6	Not Detected
1,2-Dichloropropane	1.6	Not Detected	7.4	Not Detected
1,4-Dioxane	6.4	Not Detected	23	Not Detected
Bromodichloromethane	1.6	Not Detected	11	Not Detected
cis-1,3-Dichloropropene	1.6	Not Detected	7.3	Not Detected
4-Methyl-2-pentanone	1.6	Not Detected	6.6	Not Detected
Toluene	1.6	0.32 J	6.1	1.2 J
trans-1,3-Dichloropropene	1.6	0.68 J	7.3	3.1 J
1,1,2-Trichloroethane	1.6	Not Detected	8.8	Not Detected
Tetrachloroethene	1.6	0.23 J	11	1.6 J
2-Hexanone	6.4	Not Detected	26	Not Detected

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Client Sample ID: VMP-31-10-051713

Lab ID#: 1305466A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3052807**	**Date of Collection:**	**5/17/13 2:07:00 PM**
Dil. Factor:	**3.22**	**Date of Analysis:**	**5/28/13 02:06 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.6	Not Detected	14	Not Detected
1,2-Dibromoethane (EDB)	1.6	0.32 J	12	2.4 J
Chlorobenzene	1.6	Not Detected	7.4	Not Detected
Ethyl Benzene	1.6	Not Detected	7.0	Not Detected
m,p-Xylene	1.6	0.31 J	7.0	1.4 J
o-Xylene	1.6	Not Detected	7.0	Not Detected
Styrene	1.6	Not Detected	6.8	Not Detected
Bromoform	1.6	Not Detected	17	Not Detected
Cumene	1.6	Not Detected	7.9	Not Detected
1,1,2,2-Tetrachloroethane	1.6	0.17 J	11	1.2 J
Propylbenzene	1.6	Not Detected	7.9	Not Detected
4-Ethyltoluene	1.6	Not Detected	7.9	Not Detected
1,3,5-Trimethylbenzene	1.6	Not Detected	7.9	Not Detected
1,2,4-Trimethylbenzene	1.6	0.28 J	7.9	1.4 J
1,3-Dichlorobenzene	1.6	0.54 J	9.7	3.2 J
1,4-Dichlorobenzene	1.6	0.63 J	9.7	3.8 J
alpha-Chlorotoluene	1.6	0.31 J	8.3	1.6 J
1,2-Dichlorobenzene	1.6	0.52 J	9.7	3.1 J
1,2,4-Trichlorobenzene	6.4	1.4 J	48	11 J
Hexachlorobutadiene	6.4	Not Detected	69	Not Detected
Butane	6.4	Not Detected	15	Not Detected
Isopentane	6.4	Not Detected	19	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VMP-43-10-051713

Lab ID#: 1305466A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3052808**	**Date of Collection:**	**5/17/13 3:11:00 PM**
Dil. Factor:	**3.07**	**Date of Analysis:**	**5/28/13 02:48 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.40 J	7.6	2.0 J
Freon 114	1.5	Not Detected	11	Not Detected
Chloromethane	15	Not Detected	32	Not Detected
Vinyl Chloride	1.5	Not Detected	3.9	Not Detected
1,3-Butadiene	1.5	Not Detected	3.4	Not Detected
Bromomethane	15	Not Detected	60	Not Detected
Chloroethane	6.1	Not Detected	16	Not Detected
Freon 11	1.5	0.25 J	8.6	1.4 J
Ethanol	6.1	5.2 J	12	9.9 J
Freon 113	1.5	Not Detected	12	Not Detected
1,1-Dichloroethene	1.5	Not Detected	6.1	Not Detected
Acetone	15	12 J	36	30 J
2-Propanol	6.1	4.4 J	15	11 J
Carbon Disulfide	6.1	Not Detected	19	Not Detected
3-Chloropropene	6.1	Not Detected	19	Not Detected
Methylene Chloride	15	~~0.89 J~~	53	~~3.1 J~~
Methyl tert-butyl ether	1.5	Not Detected	5.5	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	6.1	Not Detected
Hexane	1.5	2.7	5.4	9.4
1,1-Dichloroethane	1.5	Not Detected	6.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.1	1.6 J	18	4.6 J
cis-1,2-Dichloroethene	1.5	Not Detected	6.1	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.5	Not Detected
Chloroform	1.5	Not Detected	7.5	Not Detected
1,1,1-Trichloroethane	1.5	Not Detected	8.4	Not Detected
Cyclohexane	1.5	4.3	5.3	15
Carbon Tetrachloride	1.5	Not Detected	9.6	Not Detected
2,2,4-Trimethylpentane	1.5	3.2	7.2	15
Benzene	1.5	0.68 J	4.9	2.2 J
1,2-Dichloroethane	1.5	Not Detected	6.2	Not Detected
Heptane	1.5	0.70 J	6.3	2.9 J
Trichloroethene	1.5	Not Detected	8.2	Not Detected
1,2-Dichloropropane	1.5	Not Detected	7.1	Not Detected
1,4-Dioxane	6.1	Not Detected	22	Not Detected
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	7.0	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.3	Not Detected
Toluene	1.5	1.4 J	5.8	5.2 J
trans-1,3-Dichloropropene	1.5	~~0.33 J~~	7.0	~~1.5 J~~
1,1,2-Trichloroethane	1.5	Not Detected	8.4	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	6.1	Not Detected	25	Not Detected

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Client Sample ID: VMP-43-10-051713

Lab ID#: 1305466A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3052808**	**Date of Collection: 5/17/13 3:11:00 PM**	
Dil. Factor:	**3.07**	**Date of Analysis: 5/28/13 02:48 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	12	Not Detected
Chlorobenzene	1.5	Not Detected	7.1	Not Detected
Ethyl Benzene	1.5	2.7	6.7	12
m,p-Xylene	1.5	7.2	6.7	31
o-Xylene	1.5	3.0	6.7	13
Styrene	1.5	Not Detected	6.5	Not Detected
Bromoform	1.5	Not Detected	16	Not Detected
Cumene	1.5	Not Detected	7.5	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.5	Not Detected
4-Ethyltoluene	1.5	1.7 J	7.5	8.3 J
1,3,5-Trimethylbenzene	1.5	0.67 J	7.5	3.3 J
1,2,4-Trimethylbenzene	1.5	1.6	7.5	7.6
1,3-Dichlorobenzene	1.5	~~0.31 J~~ U	9.2	~~1.8 J~~ U
1,4-Dichlorobenzene	1.5	~~0.38 J~~ U	9.2	~~2.3 J~~ U
alpha-Chlorotoluene	1.5	~~0.26 J~~ U	7.9	~~1.4 J~~ U
1,2-Dichlorobenzene	1.5	Not Detected	9.2	Not Detected
1,2,4-Trichlorobenzene	6.1	~~0.94 J~~ U	46	~~6.9 J~~ U
Hexachlorobutadiene	6.1	Not Detected	65	Not Detected
Butane	6.1	20	14	49
Isopentane	6.1	120	18	360

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: VMP-52-10-051613

Lab ID#: 1305466A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3052809**	**Date of Collection:**	**5/16/13 12:14:00 PM**
Dil. Factor:	**2.86**	**Date of Analysis:**	**5/28/13 03:32 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.53 J	7.1	2.6 J
Freon 114	1.4	Not Detected	10	Not Detected
Chloromethane	14	Not Detected	30	Not Detected
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.2	Not Detected
Bromomethane	14	Not Detected	56	Not Detected
Chloroethane	5.7	Not Detected	15	Not Detected
Freon 11	1.4	0.28 J	8.0	1.6 J
Ethanol	5.7	5.0 J	11	9.4 J
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Acetone	14	19	34	46
2-Propanol	5.7	2.0 J	14	4.9 J
Carbon Disulfide	5.7	47	18	150
3-Chloropropene	5.7	Not Detected	18	Not Detected
Methylene Chloride	14	~~0.46 J~~	50	~~1.6 J~~
Methyl tert-butyl ether	1.4	Not Detected	5.2	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Hexane	1.4	15	5.0	52
1,1-Dichloroethane	1.4	Not Detected	5.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.7	2.1 J	17	6.2 J
cis-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
Chloroform	1.4	Not Detected	7.0	Not Detected
1,1,1-Trichloroethane	1.4	3.0	7.8	16
Cyclohexane	1.4	10	4.9	36
Carbon Tetrachloride	1.4	Not Detected	9.0	Not Detected
2,2,4-Trimethylpentane	1.4	29	6.7	130
Benzene	1.4	0.93 J	4.6	3.0 J
1,2-Dichloroethane	1.4	Not Detected	5.8	Not Detected
Heptane	1.4	16	5.9	64
Trichloroethene	1.4	Not Detected	7.7	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.6	Not Detected
1,4-Dioxane	5.7	Not Detected	21	Not Detected
Bromodichloromethane	1.4	Not Detected	9.6	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.8	Not Detected
Toluene	1.4	3.7	5.4	14
trans-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Tetrachloroethene	1.4	~~0.35 J~~	9.7	~~2.4 J~~
2-Hexanone	5.7	Not Detected	23	Not Detected

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Client Sample ID: VMP-52-10-051613

Lab ID#: 1305466A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3052809**	**Date of Collection:**	**5/16/13 12:14:00 PM**
Dil. Factor:	**2.86**	**Date of Analysis:**	**5/28/13 03:32 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	Not Detected	6.6	Not Detected
Ethyl Benzene	1.4	5.6	6.2	24
m,p-Xylene	1.4	39	6.2	170
o-Xylene	1.4	20	6.2	85
Styrene	1.4	Not Detected	6.1	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	0.23 J	7.0	1.1 J
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.8	Not Detected
Propylbenzene	1.4	~~0.26 J~~ U	7.0	~~1.3 J~~ U
4-Ethyltoluene	1.4	33 J	7.0	160 J
1,3,5-Trimethylbenzene	1.4	28	7.0	140
1,2,4-Trimethylbenzene	1.4	8.4	7.0	42
1,3-Dichlorobenzene	1.4	~~0.27 J~~ U	8.6	~~1.6 J~~ U
1,4-Dichlorobenzene	1.4	~~0.38 J~~ U	8.6	~~2.3 J~~ U
alpha-Chlorotoluene	1.4	Not Detected	7.4	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,2,4-Trichlorobenzene	5.7	~~0.68 J~~ U	42	~~5.1 J~~ U
Hexachlorobutadiene	5.7	Not Detected U	61	Not Detected
Butane	5.7	4.2 J	14	10 J
Isopentane	5.7	13	17	38

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1305466A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3052606e	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/26/13 11:15 AM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	0.45 J	19	1.7 J
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	0.10 J	17	0.35 J
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	0.13 J	2.3	0.59 J
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1305466A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3052606e**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/26/13 11:15 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	0.11 J	2.2	0.48 J
o-Xylene	0.50	0.12 J	2.2	0.50 J
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	0.072 J	2.4	0.35 J
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	0.086 J	2.4	0.42 J
1,3-Dichlorobenzene	0.50	0.16 J	3.0	0.99 J
1,4-Dichlorobenzene	0.50	0.18 J	3.0	1.1 J
alpha-Chlorotoluene	0.50	0.10 J	2.6	0.52 J
1,2-Dichlorobenzene	0.50	0.15 J	3.0	0.93 J
1,2,4-Trichlorobenzene	2.0	0.67 J	15	5.0 J
Hexachlorobutadiene	2.0	0.27 J	21	2.9 J
Butane	2.0	Not Detected	4.8	Not Detected
Isopentane	2.0	Not Detected	5.9	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	88	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1305466A-07B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3052806e**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/28/13 12:59 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	1.4 J	19	5.4 J
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	0.33 J	6.2	1.0 J
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	0.20 J	17	0.70 J
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	0.097 J	1.8	0.34 J
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	0.10 J	2.0	0.41 J
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	0.12 J	2.7	0.63 J
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	0.13 J	2.3	0.61 J
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	0.064 J	1.9	0.24 J
trans-1,3-Dichloropropene	0.50	0.20 J	2.3	0.92 J
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	0.11 J	3.4	0.75 J
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank
Lab ID#: 1305466A-07B
EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3052806e**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/28/13 12:59 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	0.12 J	3.8	0.94 J
Chlorobenzene	0.50	0.14 J	2.3	0.64 J
Ethyl Benzene	0.50	0.20 J	2.2	0.85 J
m,p-Xylene	0.50	0.20 J	2.2	0.86 J
o-Xylene	0.50	0.20 J	2.2	0.86 J
Styrene	0.50	0.078 J	2.1	0.33 J
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	0.10 J	3.4	0.69 J
Propylbenzene	0.50	0.094 J	2.4	0.46 J
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	0.14 J	2.4	0.72 J
1,3-Dichlorobenzene	0.50	0.25 J	3.0	1.5 J
1,4-Dichlorobenzene	0.50	0.28 J	3.0	1.7 J
alpha-Chlorotoluene	0.50	0.18 J	2.6	0.92 J
1,2-Dichlorobenzene	0.50	0.24 J	3.0	1.4 J
1,2,4-Trichlorobenzene	2.0	0.82 J	15	6.1 J
Hexachlorobutadiene	2.0	0.35 J	21	3.7 J
Butane	2.0	Not Detected	4.8	Not Detected
Isopentane	2.0	Not Detected	5.9	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: CCV

Lab ID#: 1305466A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3052602**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/26/13 08:51 AM**	

Compound	%Recovery
Freon 12	98
Freon 114	102
Chloromethane	95
Vinyl Chloride	102
1,3-Butadiene	103
Bromomethane	102
Chloroethane	103
Freon 11	98
Ethanol	105
Freon 113	102
1,1-Dichloroethene	110
Acetone	107
2-Propanol	108
Carbon Disulfide	101
3-Chloropropene	108
Methylene Chloride	98
Methyl tert-butyl ether	115
trans-1,2-Dichloroethene	111
Hexane	115
1,1-Dichloroethane	102
2-Butanone (Methyl Ethyl Ketone)	106
cis-1,2-Dichloroethene	113
Tetrahydrofuran	114
Chloroform	99
1,1,1-Trichloroethane	99
Cyclohexane	117
Carbon Tetrachloride	96
2,2,4-Trimethylpentane	114
Benzene	101
1,2-Dichloroethane	90
Heptane	112
Trichloroethene	96
1,2-Dichloropropane	92
1,4-Dioxane	102
Bromodichloromethane	95
cis-1,3-Dichloropropene	104
4-Methyl-2-pentanone	110
Toluene	100
trans-1,3-Dichloropropene	108
1,1,2-Trichloroethane	102
Tetrachloroethene	104
2-Hexanone	118

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Client Sample ID: CCV

Lab ID#: 1305466A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3052602**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/26/13 08:51 AM**	

Compound	%Recovery
Dibromochloromethane	103
1,2-Dibromoethane (EDB)	104
Chlorobenzene	104
Ethyl Benzene	112
m,p-Xylene	115
o-Xylene	115
Styrene	120
Bromoform	105
Cumene	117
1,1,2,2-Tetrachloroethane	100
Propylbenzene	110
4-Ethyltoluene	117
1,3,5-Trimethylbenzene	118
1,2,4-Trimethylbenzene	133 Q
1,3-Dichlorobenzene	116
1,4-Dichlorobenzene	114
alpha-Chlorotoluene	116
1,2-Dichlorobenzene	114
1,2,4-Trichlorobenzene	116
Hexachlorobutadiene	108
Butane	103
Isopentane	105

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: CCV

Lab ID#: 1305466A-08B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3052802	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/28/13 09:41 AM	

Compound	%Recovery
Freon 12	97
Freon 114	101
Chloromethane	94
Vinyl Chloride	102
1,3-Butadiene	102
Bromomethane	101
Chloroethane	104
Freon 11	96
Ethanol	99
Freon 113	101
1,1-Dichloroethene	109
Acetone	115
2-Propanol	99
Carbon Disulfide	102
3-Chloropropene	107
Methylene Chloride	98
Methyl tert-butyl ether	114
trans-1,2-Dichloroethene	110
Hexane	116
1,1-Dichloroethane	101
2-Butanone (Methyl Ethyl Ketone)	107
cis-1,2-Dichloroethene	111
Tetrahydrofuran	111
Chloroform	98
1,1,1-Trichloroethane	97
Cyclohexane	115
Carbon Tetrachloride	95
2,2,4-Trimethylpentane	113
Benzene	102
1,2-Dichloroethane	91
Heptane	116
Trichloroethene	98
1,2-Dichloropropane	94
1,4-Dioxane	97
Bromodichloromethane	96
cis-1,3-Dichloropropene	108
4-Methyl-2-pentanone	103
Toluene	101
trans-1,3-Dichloropropene	104
1,1,2-Trichloroethane	100
Tetrachloroethene	102
2-Hexanone	98

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Client Sample ID: CCV
Lab ID#: 1305466A-08B
EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3052802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/28/13 09:41 AM**	

Compound	%Recovery
Dibromochloromethane	100
1,2-Dibromoethane (EDB)	100
Chlorobenzene	101
Ethyl Benzene	108
m,p-Xylene	110
o-Xylene	111
Styrene	110
Bromoform	100
Cumene	112
1,1,2,2-Tetrachloroethane	96
Propylbenzene	105
4-Ethyltoluene	110
1,3,5-Trimethylbenzene	108
1,2,4-Trimethylbenzene	124
1,3-Dichlorobenzene	111
1,4-Dichlorobenzene	109
alpha-Chlorotoluene	107
1,2-Dichlorobenzene	109
1,2,4-Trichlorobenzene	108
Hexachlorobutadiene	103
Butane	102
Isopentane	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: LCS

Lab ID#: 1305466A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3052603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/26/13 09:26 AM**	

Compound	%Recovery
Freon 12	96
Freon 114	99
Chloromethane	93
Vinyl Chloride	102
1,3-Butadiene	101
Bromomethane	99
Chloroethane	102
Freon 11	95
Ethanol	94
Freon 113	101
1,1-Dichloroethene	116
Acetone	106
2-Propanol	98
Carbon Disulfide	122
3-Chloropropene	121
Methylene Chloride	95
Methyl tert-butyl ether	111
trans-1,2-Dichloroethene	121
Hexane	112
1,1-Dichloroethane	99
2-Butanone (Methyl Ethyl Ketone)	104
cis-1,2-Dichloroethene	111
Tetrahydrofuran	105
Chloroform	99
1,1,1-Trichloroethane	98
Cyclohexane	116
Carbon Tetrachloride	94
2,2,4-Trimethylpentane	112
Benzene	97
1,2-Dichloroethane	86
Heptane	109
Trichloroethene	93
1,2-Dichloropropane	90
1,4-Dioxane	87
Bromodichloromethane	92
cis-1,3-Dichloropropene	100
4-Methyl-2-pentanone	97
Toluene	96
trans-1,3-Dichloropropene	107
1,1,2-Trichloroethane	102
Tetrachloroethene	104
2-Hexanone	104

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Client Sample ID: LCS

Lab ID#: 1305466A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3052603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/26/13 09:26 AM**	

Compound	%Recovery
Dibromochloromethane	100
1,2-Dibromoethane (EDB)	103
Chlorobenzene	105
Ethyl Benzene	112
m,p-Xylene	114
o-Xylene	115
Styrene	116
Bromoform	101
Cumene	117
1,1,2,2-Tetrachloroethane	102
Propylbenzene	112
4-Ethyltoluene	112
1,3,5-Trimethylbenzene	116
1,2,4-Trimethylbenzene	128
1,3-Dichlorobenzene	117
1,4-Dichlorobenzene	114
alpha-Chlorotoluene	113
1,2-Dichlorobenzene	117
1,2,4-Trichlorobenzene	122
Hexachlorobutadiene	110
Butane	100
Isopentane	101

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	91	70-130

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Client Sample ID: LCSD

Lab ID#: 1305466A-09AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3052604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/26/13 09:53 AM**	

Compound	%Recovery
Freon 12	90
Freon 114	95
Chloromethane	92
Vinyl Chloride	96
1,3-Butadiene	96
Bromomethane	95
Chloroethane	98
Freon 11	90
Ethanol	92
Freon 113	96
1,1-Dichloroethene	111
Acetone	102
2-Propanol	95
Carbon Disulfide	116
3-Chloropropene	114
Methylene Chloride	90
Methyl tert-butyl ether	107
trans-1,2-Dichloroethene	117
Hexane	108
1,1-Dichloroethane	96
2-Butanone (Methyl Ethyl Ketone)	100
cis-1,2-Dichloroethene	106
Tetrahydrofuran	102
Chloroform	94
1,1,1-Trichloroethane	92
Cyclohexane	111
Carbon Tetrachloride	87
2,2,4-Trimethylpentane	108
Benzene	97
1,2-Dichloroethane	85
Heptane	107
Trichloroethene	93
1,2-Dichloropropane	91
1,4-Dioxane	88
Bromodichloromethane	91
cis-1,3-Dichloropropene	102
4-Methyl-2-pentanone	96
Toluene	95
trans-1,3-Dichloropropene	105
1,1,2-Trichloroethane	99
Tetrachloroethene	101
2-Hexanone	101

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Client Sample ID: LCSD

Lab ID#: 1305466A-09AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3052604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/26/13 09:53 AM**	

Compound	%Recovery
Dibromochloromethane	99
1,2-Dibromoethane (EDB)	102
Chlorobenzene	103
Ethyl Benzene	109
m,p-Xylene	113
o-Xylene	115
Styrene	113
Bromoform	98
Cumene	116
1,1,2,2-Tetrachloroethane	101
Propylbenzene	109
4-Ethyltoluene	110
1,3,5-Trimethylbenzene	115
1,2,4-Trimethylbenzene	128
1,3-Dichlorobenzene	115
1,4-Dichlorobenzene	114
alpha-Chlorotoluene	111
1,2-Dichlorobenzene	115
1,2,4-Trichlorobenzene	122
Hexachlorobutadiene	109
Butane	92
Isopentane	95

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	89	70-130

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Client Sample ID: LCS

Lab ID#: 1305466A-09B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3052803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/28/13 10:20 AM**	

Compound	%Recovery
Freon 12	95
Freon 114	98
Chloromethane	94
Vinyl Chloride	101
1,3-Butadiene	100
Bromomethane	98
Chloroethane	101
Freon 11	94
Ethanol	95
Freon 113	100
1,1-Dichloroethene	114
Acetone	110
2-Propanol	101
Carbon Disulfide	121
3-Chloropropene	121
Methylene Chloride	95
Methyl tert-butyl ether	113
trans-1,2-Dichloroethene	122
Hexane	112
1,1-Dichloroethane	99
2-Butanone (Methyl Ethyl Ketone)	104
cis-1,2-Dichloroethene	110
Tetrahydrofuran	107
Chloroform	98
1,1,1-Trichloroethane	98
Cyclohexane	117
Carbon Tetrachloride	92
2,2,4-Trimethylpentane	112
Benzene	103
1,2-Dichloroethane	91
Heptane	113
Trichloroethene	99
1,2-Dichloropropane	96
1,4-Dioxane	99
Bromodichloromethane	96
cis-1,3-Dichloropropene	106
4-Methyl-2-pentanone	104
Toluene	100
trans-1,3-Dichloropropene	103
1,1,2-Trichloroethane	99
Tetrachloroethene	99
2-Hexanone	101

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Client Sample ID: LCS

Lab ID#: 1305466A-09B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3052803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/28/13 10:20 AM**	

Compound	%Recovery
Dibromochloromethane	98
1,2-Dibromoethane (EDB)	99
Chlorobenzene	102
Ethyl Benzene	108
m,p-Xylene	111
o-Xylene	111
Styrene	113
Bromoform	97
Cumene	111
1,1,2,2-Tetrachloroethane	96
Propylbenzene	105
4-Ethyltoluene	107
1,3,5-Trimethylbenzene	110
1,2,4-Trimethylbenzene	122
1,3-Dichlorobenzene	111
1,4-Dichlorobenzene	108
alpha-Chlorotoluene	106
1,2-Dichlorobenzene	110
1,2,4-Trichlorobenzene	109
Hexachlorobutadiene	100
Butane	92
Isopentane	101

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: LCSD

Lab ID#: 1305466A-09BB

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3052804**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/28/13 10:55 AM**	

Compound	%Recovery
Freon 12	94
Freon 114	99
Chloromethane	99
Vinyl Chloride	100
1,3-Butadiene	100
Bromomethane	98
Chloroethane	99
Freon 11	93
Ethanol	93
Freon 113	100
1,1-Dichloroethene	115
Acetone	106
2-Propanol	100
Carbon Disulfide	120
3-Chloropropene	121
Methylene Chloride	93
Methyl tert-butyl ether	112
trans-1,2-Dichloroethene	121
Hexane	112
1,1-Dichloroethane	98
2-Butanone (Methyl Ethyl Ketone)	105
cis-1,2-Dichloroethene	109
Tetrahydrofuran	104
Chloroform	96
1,1,1-Trichloroethane	96
Cyclohexane	113
Carbon Tetrachloride	92
2,2,4-Trimethylpentane	111
Benzene	100
1,2-Dichloroethane	88
Heptane	110
Trichloroethene	96
1,2-Dichloropropane	94
1,4-Dioxane	96
Bromodichloromethane	94
cis-1,3-Dichloropropene	105
4-Methyl-2-pentanone	102
Toluene	98
trans-1,3-Dichloropropene	104
1,1,2-Trichloroethane	99
Tetrachloroethene	101
2-Hexanone	101

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Client Sample ID: LCSD

Lab ID#: 1305466A-09BB

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3052804**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/28/13 10:55 AM**	

Compound	%Recovery
Dibromochloromethane	98
1,2-Dibromoethane (EDB)	101
Chlorobenzene	103
Ethyl Benzene	109
m,p-Xylene	112
o-Xylene	112
Styrene	114
Bromoform	98
Cumene	113
1,1,2,2-Tetrachloroethane	99
Propylbenzene	107
4-Ethyltoluene	108
1,3,5-Trimethylbenzene	112
1,2,4-Trimethylbenzene	125
1,3-Dichlorobenzene	113
1,4-Dichlorobenzene	111
alpha-Chlorotoluene	108
1,2-Dichlorobenzene	112
1,2,4-Trichlorobenzene	114
Hexachlorobutadiene	103
Butane	96
Isopentane	99

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	101	70-130

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA S/B/C/M ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian
PO #:
INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0
☐ CHECK IF NO INCIDENT # APPLIES
DATE 05/20/13
SAP #: 3 4 0 0 6 1
PAGE ___1___ of __1__

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE -- ROXANA
State: IL
GLOBAL ID NO:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST. LOUIS, MO 63110
LABORATORY ADDRESS: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO: 314-743-4179
E-MAIL: Elizabeth_Kunkel@URSCorp.com
CONSULTANT PROJECT NAME: Roxana Soil Vapor
C. Williams, B. Lehan, L. Rathnow, S. Fisher, E. Arthur, M. Currier
TELEPHONE: 314-429-0100
FAX: 314-429-0462
RESULTS TO CONTACT E-MAIL: Robert.Mooshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ LST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDC NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum: Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
[illegible]	VMP-6-10-051513	05/15/13	1344-1423	3029	-28.5	-9			X	X	
[illegible]	VMP-25-5-051713	05/17/13	0906-0936	37345	-28.5	-7.5			X	X	
[illegible]	VMP-31-5-051513	05/15/13	0912-0943	3356	-30	-9			X	X	
[illegible]	VMP-31-10-051713	05/17/13	1337-1407	23838	-30	-10.5			X	X	
[illegible]	VMP-43-10-051713	05/17/13	1441-1511	1043	-29	-12			X	X	
[illegible]	VMP-52-10-051613	05/16/13	1138-1214	37415	-30	-9.5			X	X	

Turn Around Time: ☑ Normal ☐ Rush ☐ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

Custody Seal Intact?
(Y) N None Temp NA

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	FEDEX	5/21/13	1630
Relinquished by: (Signature)	Received by: (Signature) Kevin Decker ATL	05/22/13	0945
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

3/2/06 Revision

1305466

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6/6/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305466B

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/22/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1305466B

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/22/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	06/06/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-6-10-051513	Modified ASTM D-1946	8.4 "Hg	15.2 psi
02A	VMP-25-5-051713	Modified ASTM D-1946	7.8 "Hg	15.2 psi
03A	VMP-31-5-051513	Modified ASTM D-1946	9.4 "Hg	15 psi
04A	VMP-31-10-051713	Modified ASTM D-1946	11 "Hg	15.2 psi
05A	VMP-43-10-051713	Modified ASTM D-1946	10 "Hg	15.4 psi
06A	VMP-52-10-051613	Modified ASTM D-1946	8.8 "Hg	15 psi
07A	Lab Blank	Modified ASTM D-1946	NA	NA
07B	Lab Blank	Modified ASTM D-1946	NA	NA
08A	LCS	Modified ASTM D-1946	NA	NA
08AA	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY: Heidi Mayes DATE: 06/06/13

Technical Director

Certifieation numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Aecrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Aecreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results eontained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified ASTM D-1946
URS Corporation
Workorder# 1305466B

Six 1 Liter Summa Canister samples were received on May 22, 2013. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane and fixed gases in air using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Since Nitrogen is used to pressurize samples, the reported Nitrogen values are calculated by adding all the sample components and subtracting from 100%.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*ASTM D-1946*	*ATL Modifications*
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-6-10-051513

Lab ID#: 1305466B-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	21
Nitrogen	0.28	78
Methane	0.00028	0.000078 J
Carbon Dioxide	0.028	0.49
Helium	0.14	0.024 J

Client Sample ID: VMP-25-5-051713

Lab ID#: 1305466B-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.43	17
Nitrogen	0.43	78
Methane	0.00043	0.077
Carbon Dioxide	0.043	3.6
Helium	0.21	1.2

Client Sample ID: VMP-31-5-051513

Lab ID#: 1305466B-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	20
Nitrogen	0.29	79
Methane	0.00029	0.00019 J
Carbon Dioxide	0.029	0.81
Helium	0.15	0.077 J

Client Sample ID: VMP-31-10-051713

Lab ID#: 1305466B-04A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	19
Nitrogen	0.32	80

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-31-10-051713

Lab ID#: 1305466B-04A

Methane	0.00032	0.00031 J
Carbon Dioxide	0.032	1.3
Helium	0.16	0.12 J

Client Sample ID: VMP-43-10-051713

Lab ID#: 1305466B-05A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	20
Nitrogen	0.31	77
Methane	0.00031	0.00024 J
Carbon Dioxide	0.031	0.54
Helium	0.15	2.6

Client Sample ID: VMP-52-10-051613

Lab ID#: 1305466B-06A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	16
Nitrogen	0.29	81
Methane	0.00029	0.00013 J
Carbon Dioxide	0.029	3.2

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Client Sample ID: VMP-6-10-051513

Lab ID#: 1305466B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052914**	**Date of Collection:**	**5/15/13 2:23:00 PM**
Dil. Factor:	**2.82**	**Date of Analysis:**	**5/29/13 04:07 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	21
Nitrogen	0.28	78
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	0.000078 J
Carbon Dioxide	0.028	0.49
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	0.024 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-25-5-051713

Lab ID#: 1305466B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052916**	**Date of Collection:**	**5/17/13 9:36:00 AM**
Dil. Factor:	**4.27**	**Date of Analysis:**	**5/29/13 04:59 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.43	17
Nitrogen	0.43	78
Carbon Monoxide	0.043	Not Detected
Methane	0.00043	0.077
Carbon Dioxide	0.043	3.6
Ethane	0.0043	Not Detected
Ethene	0.0043	Not Detected
Helium	0.21	1.2

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-31-5-051513

Lab ID#: 1305466B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052915**	**Date of Collection: 5/15/13 9:43:00 AM**	
Dil. Factor:	**2.94**	**Date of Analysis: 5/29/13 04:37 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	20
Nitrogen	0.29	79
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	0.00019 J
Carbon Dioxide	0.029	0.81
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.15	0.077 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-31-10-051713

Lab ID#: 1305466B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10052917	Date of Collection:	5/17/13 2:07:00 PM
Dil. Factor:	3.22	Date of Analysis:	5/29/13 05:24 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	19
Nitrogen	0.32	80
Carbon Monoxide	0.032	Not Detected
Methane	0.00032	0.00031 J
Carbon Dioxide	0.032	1.3
Ethane	0.0032	Not Detected
Ethene	0.0032	Not Detected
Helium	0.16	0.12 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-43-10-051713

Lab ID#: 1305466B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052918**	**Date of Collection:**	**5/17/13 3:11:00 PM**
Dil. Factor:	**3.07**	**Date of Analysis:**	**5/29/13 06:16 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	20
Nitrogen	0.31	77
Carbon Monoxide	0.031	Not Detected
Methane	0.00031	0.00024 J
Carbon Dioxide	0.031	0.54
Ethane	0.0031	Not Detected
Ethene	0.0031	Not Detected
Helium	0.15	2.6

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-52-10-051613

Lab ID#: 1305466B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052919**	**Date of Collection:**	**5/16/13 12:14:00 PM**
Dil. Factor:	**2.86**	**Date of Analysis:**	**5/29/13 06:40 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	16
Nitrogen	0.29	81
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	0.00013 J
Carbon Dioxide	0.029	3.2
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.14	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: Lab Blank

Lab ID#: 1305466B-07A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052904a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/29/13 09:57 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	0.016 J
Nitrogen	0.10	0.083 J
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected
Ethane	0.0010	Not Detected
Ethene	0.0010	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

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Client Sample ID: Lab Blank

Lab ID#: 1305466B-07B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10052903c	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/29/13 09:26 AM	

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.050	Not Detected

Container Type: NA - Not Applicable

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Client Sample ID: LCS

Lab ID#: 1305466B-08A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/29/13 08:59 AM**	

Compound	%Recovery
Oxygen	104
Nitrogen	100
Carbon Monoxide	100
Methane	100
Carbon Dioxide	101
Ethane	99
Ethene	99
Helium	100

Container Type: NA - Not Applicable

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Client Sample ID: LCSD

Lab ID#: 1305466B-08AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052926**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/29/13 09:35 PM**	

Compound	%Recovery
Oxygen	102
Nitrogen	100
Carbon Monoxide	100
Methane	98
Carbon Dioxide	101
Ethane	98
Ethene	98
Helium	100

Container Type: NA - Not Applicable

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box: ☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL ☐ MOTIVA SUBCM ☐ CONSULTANT ☐ LUBES ☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian

INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0 ☐ CHECK IF NO INCIDENT # APPLIES

PO #:

SAP #: 3 4 0 0 6 1

DATE: 05/20/13

PAGE: 1 of 1

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST. LOUIS, MO 63110

Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719

TELEPHONE: 314-429-0100

FAX: 314-429-0462

Reply To Contact E-MAIL: Robert.Mooshegian@urs.com

SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE -- ROXANA

State: IL

GLOBAL ID NO:

EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis

PHONE NO: 314-743-4179

E-MAIL: Elizabeth_Kunkel@URSCorp.com

CONSULTANT PROJECT NAME: Roxana Soil Vapor

C. Williams, B. Lehan L. Rathnow, S. Fisher, E. Arthur, M. Currier

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

Turn Around Time: ☑ Normal ☐ Rush ☐ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab Use Only	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
	VMP-6-10-051513	05/15/13	1344-1423	3029	-28.5	-9			X	X	
	VMP-25-5-051713	05/17/13	0906-0936	37345	-28.5	-7.5			X	X	
	VMP-31-5-051513	05/15/13	0912-0943	3359	-30	-9			X	X	
	VMP-31-10-051713	05/17/13	1337-1407	23838	-30	-10.5			X	X	
	VMP-43-10-051713	05/17/13	1441-1511	1043	-29	-12			X	X	
	VMP-52-10-051613	05/16/13	1138-1214	37419	-30	-9.5			X	X	

ADDITIONAL NOTES:

- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

FedEx
Custody Seal Intact?
(Y) N None Temp NA

5/21/13

	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	FEDEX	5/21/13	1630
Relinquished by: (Signature)	Katie Decker ATL	05/22/13	0945
Relinquished by: (Signature)		Date	Time

06/2/06 Revision

1305466

Roxana Soil Vapor Quarterly – 2nd Quarter 2013 Data Review

Laboratory SDG: 1305467A,B

Data Reviewer: Melissa Mansker

Peer Reviewer: Elizabeth Kunkel

Date Reviewed: 6/24/2013

Guidance: USEPA National Functional Guidelines for Superfund Organic Methods Data Review 2008

Sample Identification	Sample Identification
VMP-4-23.5-051513	VMP-4-39-051513
VMP-15-21.5-051513	VMP-25-21-051713

1.0 Data Package Completeness

Were all items delivered as specified in the QAPP and COC as appropriate?

Yes

2.0 Laboratory Case Narrative \ Cooler Receipt Form

Were problems noted in the laboratory case narrative or cooler receipt form?

Yes, the laboratory case narrative indicated samples were diluted due to high levels of target and non-target analytes. Although not indicated in the laboratory case narrative, analytes were detected in the method blank. These issues are addressed further in the appropriate sections below.

No issues or discrepancies were noted in the cooler receipt form.

3.0 Holding Times

Were samples extracted/analyzed within applicable limits?

Yes

4.0 Blank Contamination

Were any analytes detected in the Blanks?

Yes

Blank ID	Parameter	Analyte	Concentration/ Amount
1305467A-05A	TO-15	Ethanol	7.5 ppbv / 14 µg/m^3
1305467B-05A	Natural gases	Oxygen	0.016%
1305467B-05A	Natural gases	Nitrogen	0.083%

Analytical data that were reported non-detect or at concentrations greater than five times (5X) the associated blank concentration did not require qualification. No qualification of data was required.

5.0 Laboratory Control Sample

Were LCS recoveries within evaluation criteria?

Yes

6.0 Surrogate Recoveries

Were surrogate recoveries within evaluation criteria?

Yes

7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

Were MS/MSD samples analyzed as part of this SDG?

MS/MSD samples are not applicable for vapor samples, due to the inability to spike the samples.

8.0 Laboratory Duplicate Results

Were laboratory duplicate samples collected as part of this SDG?

No

9.0 Field Duplicate Results

Were field duplicate samples collected as part of this SDG?

No

10.0 Sample Dilutions

For samples that were diluted and nondetect, were undiluted results also reported?

Not applicable; analytes were detected in samples that were diluted.

11.0 Additional Qualifications

Were additional qualifications applied?

No

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6/6/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305467A

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/22/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

Reviewed on
6/24/2013

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WORK ORDER #: 1305467A

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/22/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	06/06/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-4-23.5-051513	Modified TO-15	10.4 "Hg	15.3 psi
02A	VMP-4-39-051513	Modified TO-15	9.2 "Hg	15 psi
03A	VMP-15-21.5-051513	Modified TO-15	9.8 "Hg	14.8 psi
04A	VMP-25-21-051713	Modified TO-15	7.6 "Hg	15.3 psi
05A	Lab Blank	Modified TO-15	NA	NA
06A	CCV	Modified TO-15	NA	NA
07A	LCS	Modified TO-15	NA	NA
07AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 06/06/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
EPA Method TO-15
URS Corporation
Workorder# 1305467A

Four 1 Liter Summa Canister samples were received on May 22, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per client project requirements, the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

Dilution was performed on samples VMP-4-23.5-051513 and VMP-4-39-051513 due to the presence of high level target and non-target species.

Dilution was performed on samples VMP-15-21.5-051513 and VMP-25-21-051713 due to the presence of high level target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS

Client Sample ID: VMP-4-23.5-051513

Lab ID#: 1305467A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Hexane	390	180000	1400	630000
Cyclohexane	390	73000	1300	250000
2,2,4-Trimethylpentane	390	100000	1800	490000
Benzene	390	3100	1200	9900
Heptane	390	71000	1600	290000
Toluene	390	25000	1500	95000
Ethyl Benzene	390	11000	1700	48000
m,p-Xylene	390	74000	1700	320000
o-Xylene	390	31000	1700	130000
4-Ethyltoluene	390	25000	1900	120000
1,3,5-Trimethylbenzene	390	16000	1900	79000
1,2,4-Trimethylbenzene	390	4300	1900	21000
Butane	1600	140000	3700	320000
Isopentane	1600	350000	4600	1000000

Client Sample ID: VMP-4-39-051513

Lab ID#: 1305467A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Carbon Disulfide	1400	260 J	4500	810 J
Hexane	1400	350000	5100	1200000
Cyclohexane	1400	140000	5000	500000
2,2,4-Trimethylpentane	1400	270000	6800	1300000
Benzene	1400	4600	4600	14000
Heptane	1400	440000	6000	1800000
Toluene	1400	210000	5500	810000
Ethyl Benzene	1400	290000	6300	1200000
m,p-Xylene	1400	750000	6300	3300000
o-Xylene	1400	260000	6300	1100000
Cumene	1400	4600	7200	23000
Propylbenzene	1400	3000	7200	14000
4-Ethyltoluene	1400	93000	7200	460000
1,3,5-Trimethylbenzene	1400	24000	7200	120000

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS

Client Sample ID: VMP-4-39-051513

Lab ID#: 1305467A-02A

1,2,4-Trimethylbenzene	1400	52000	7200	260000
Butane	5800	590000	14000	1400000
Isopentane	5800	620000	17000	1800000

Client Sample ID: VMP-15-21.5-051513

Lab ID#: 1305467A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Hexane	120	850	440	3000
Cyclohexane	120	1100	430	3900
2,2,4-Trimethylpentane	120	42000	580	200000
Benzene	120	69 J	400	220 J
Toluene	120	270	470	1000
Ethyl Benzene	120	200	540	860
m,p-Xylene	120	460	540	2000
o-Xylene	120	160	540	700
Butane	500	14000	1200	32000
Isopentane	500	110000	1500	330000

Client Sample ID: VMP-25-21-051713

Lab ID#: 1305467A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Hexane	6800	280000	24000	1000000
Cyclohexane	6800	370000	23000	1300000
Benzene	6800	19000	22000	61000
Heptane	6800	50000	28000	210000
Toluene	6800	3800 J	26000	14000 J
Ethyl Benzene	6800	2700 J	30000	12000 J
m,p-Xylene	6800	7200	30000	31000
o-Xylene	6800	2500 J	30000	11000 J
Butane	27000	2800000	65000	6700000
Isopentane	27000	5400000	80000	16000000

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Client Sample ID: VMP-4-23.5-051513

Lab ID#: 1305467A-01A

EPA METHOD TO-15 GC/MS

File Name:	**14052817**	**Date of Collection: 5/15/13 10:52:00 AM**	
Dil. Factor:	**78.0**	**Date of Analysis: 5/28/13 03:58 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	390	Not Detected	1900	Not Detected
Freon 114	390	Not Detected	2700	Not Detected
Chloromethane	1600	Not Detected	3200	Not Detected
Vinyl Chloride	390	Not Detected	1000	Not Detected
1,3-Butadiene	390	Not Detected	860	Not Detected
Bromomethane	390	Not Detected	1500	Not Detected
Chloroethane	1600	Not Detected	4100	Not Detected
Freon 11	390	Not Detected	2200	Not Detected
Ethanol	1600	Not Detected	2900	Not Detected
Freon 113	390	Not Detected	3000	Not Detected
1,1-Dichloroethene	390	Not Detected	1500	Not Detected
Acetone	1600	Not Detected	3700	Not Detected
2-Propanol	1600	Not Detected	3800	Not Detected
Carbon Disulfide	390	Not Detected	1200	Not Detected
3-Chloropropene	1600	Not Detected	4900	Not Detected
Methylene Chloride	390	Not Detected	1400	Not Detected
Methyl tert-butyl ether	390	Not Detected	1400	Not Detected
trans-1,2-Dichloroethene	390	Not Detected	1500	Not Detected
Hexane	390	180000	1400	630000
1,1-Dichloroethane	390	Not Detected	1600	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1600	Not Detected	4600	Not Detected
cis-1,2-Dichloroethene	390	Not Detected	1500	Not Detected
Tetrahydrofuran	390	Not Detected	1200	Not Detected
Chloroform	390	Not Detected	1900	Not Detected
1,1,1-Trichloroethane	390	Not Detected	2100	Not Detected
Cyclohexane	390	73000	1300	250000
Carbon Tetrachloride	390	Not Detected	2400	Not Detected
2,2,4-Trimethylpentane	390	100000	1800	490000
Benzene	390	3100	1200	9900
1,2-Dichloroethane	390	Not Detected	1600	Not Detected
Heptane	390	71000	1600	290000
Trichloroethene	390	Not Detected	2100	Not Detected
1,2-Dichloropropane	390	Not Detected	1800	Not Detected
1,4-Dioxane	1600	Not Detected	5600	Not Detected
Bromodichloromethane	390	Not Detected	2600	Not Detected
cis-1,3-Dichloropropene	390	Not Detected	1800	Not Detected
4-Methyl-2-pentanone	390	Not Detected	1600	Not Detected
Toluene	390	25000	1500	95000
trans-1,3-Dichloropropene	390	Not Detected	1800	Not Detected
1,1,2-Trichloroethane	390	Not Detected	2100	Not Detected
Tetrachloroethene	390	Not Detected	2600	Not Detected
2-Hexanone	1600	Not Detected	6400	Not Detected

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Client Sample ID: VMP-4-23.5-051513

Lab ID#: 1305467A-01A

EPA METHOD TO-15 GC/MS

File Name:	**14052817**	**Date of Collection:**	**5/15/13 10:52:00 AM**
Dil. Factor:	**78.0**	**Date of Analysis:**	**5/28/13 03:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	390	Not Detected	3300	Not Detected
1,2-Dibromoethane (EDB)	390	Not Detected	3000	Not Detected
Chlorobenzene	390	Not Detected	1800	Not Detected
Ethyl Benzene	390	11000	1700	48000
m,p-Xylene	390	74000	1700	320000
o-Xylene	390	31000	1700	130000
Styrene	390	Not Detected	1700	Not Detected
Bromoform	390	Not Detected	4000	Not Detected
Cumene	390	Not Detected	1900	Not Detected
1,1,2,2-Tetrachloroethane	390	Not Detected	2700	Not Detected
Propylbenzene	390	Not Detected	1900	Not Detected
4-Ethyltoluene	390	25000	1900	120000
1,3,5-Trimethylbenzene	390	16000	1900	79000
1,2,4-Trimethylbenzene	390	4300	1900	21000
1,3-Dichlorobenzene	390	Not Detected	2300	Not Detected
1,4-Dichlorobenzene	390	Not Detected	2300	Not Detected
alpha-Chlorotoluene	390	Not Detected	2000	Not Detected
1,2-Dichlorobenzene	390	Not Detected	2300	Not Detected
1,2,4-Trichlorobenzene	1600	Not Detected	12000	Not Detected
Hexachlorobutadiene	1600	Not Detected	17000	Not Detected
Butane	1600	140000	3700	320000
Isopentane	1600	350000	4600	1000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	117	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: VMP-4-39-051513

Lab ID#: 1305467A-02A

EPA METHOD TO-15 GC/MS

File Name:	**14052818**	**Date of Collection:**	**5/15/13 11:38:00 AM**
Dil. Factor:	**291**	**Date of Analysis:**	**5/28/13 04:29 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1400	Not Detected	7200	Not Detected
Freon 114	1400	Not Detected	10000	Not Detected
Chloromethane	5800	Not Detected	12000	Not Detected
Vinyl Chloride	1400	Not Detected	3700	Not Detected
1,3-Butadiene	1400	Not Detected	3200	Not Detected
Bromomethane	1400	Not Detected	5600	Not Detected
Chloroethane	5800	Not Detected	15000	Not Detected
Freon 11	1400	Not Detected	8200	Not Detected
Ethanol	5800	Not Detected	11000	Not Detected
Freon 113	1400	Not Detected	11000	Not Detected
1,1-Dichloroethene	1400	Not Detected	5800	Not Detected
Acetone	5800	Not Detected	14000	Not Detected
2-Propanol	5800	Not Detected	14000	Not Detected
Carbon Disulfide	1400	260 J	4500	810 J
3-Chloropropene	5800	Not Detected	18000	Not Detected
Methylene Chloride	1400	Not Detected	5000	Not Detected
Methyl tert-butyl ether	1400	Not Detected	5200	Not Detected
trans-1,2-Dichloroethene	1400	Not Detected	5800	Not Detected
Hexane	1400	350000	5100	1200000
1,1-Dichloroethane	1400	Not Detected	5900	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5800	Not Detected	17000	Not Detected
cis-1,2-Dichloroethene	1400	Not Detected	5800	Not Detected
Tetrahydrofuran	1400	Not Detected	4300	Not Detected
Chloroform	1400	Not Detected	7100	Not Detected
1,1,1-Trichloroethane	1400	Not Detected	7900	Not Detected
Cyclohexane	1400	140000	5000	500000
Carbon Tetrachloride	1400	Not Detected	9200	Not Detected
2,2,4-Trimethylpentane	1400	270000	6800	1300000
Benzene	1400	4600	4600	14000
1,2-Dichloroethane	1400	Not Detected	5900	Not Detected
Heptane	1400	440000	6000	1800000
Trichloroethene	1400	Not Detected	7800	Not Detected
1,2-Dichloropropane	1400	Not Detected	6700	Not Detected
1,4-Dioxane	5800	Not Detected	21000	Not Detected
Bromodichloromethane	1400	Not Detected	9700	Not Detected
cis-1,3-Dichloropropene	1400	Not Detected	6600	Not Detected
4-Methyl-2-pentanone	1400	Not Detected	6000	Not Detected
Toluene	1400	210000	5500	810000
trans-1,3-Dichloropropene	1400	Not Detected	6600	Not Detected
1,1,2-Trichloroethane	1400	Not Detected	7900	Not Detected
Tetrachloroethene	1400	Not Detected	9900	Not Detected
2-Hexanone	5800	Not Detected	24000	Not Detected

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Client Sample ID: VMP-4-39-051513

Lab ID#: 1305467A-02A

EPA METHOD TO-15 GC/MS

File Name:	**14052818**	**Date of Collection: 5/15/13 11:38:00 AM**	
Dil. Factor:	**291**	**Date of Analysis: 5/28/13 04:29 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1400	Not Detected	12000	Not Detected
1,2-Dibromoethane (EDB)	1400	Not Detected	11000	Not Detected
Chlorobenzene	1400	Not Detected	6700	Not Detected
Ethyl Benzene	1400	290000	6300	1200000
m,p-Xylene	1400	750000	6300	3300000
o-Xylene	1400	260000	6300	1100000
Styrene	1400	Not Detected	6200	Not Detected
Bromoform	1400	Not Detected	15000	Not Detected
Cumene	1400	4600	7200	23000
1,1,2,2-Tetrachloroethane	1400	Not Detected	10000	Not Detected
Propylbenzene	1400	3000	7200	14000
4-Ethyltoluene	1400	93000	7200	460000
1,3,5-Trimethylbenzene	1400	24000	7200	120000
1,2,4-Trimethylbenzene	1400	52000	7200	260000
1,3-Dichlorobenzene	1400	Not Detected	8700	Not Detected
1,4-Dichlorobenzene	1400	Not Detected	8700	Not Detected
alpha-Chlorotoluene	1400	Not Detected	7500	Not Detected
1,2-Dichlorobenzene	1400	Not Detected	8700	Not Detected
1,2,4-Trichlorobenzene	5800	Not Detected	43000	Not Detected
Hexachlorobutadiene	5800	Not Detected	62000	Not Detected
Butane	5800	590000	14000	1400000
Isopentane	5800	620000	17000	1800000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	112	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VMP-15-21.5-051513

Lab ID#: 1305467A-03A

EPA METHOD TO-15 GC/MS

File Name:	**14052819**	**Date of Collection:**	**5/15/13 2:29:00 PM**
Dil. Factor:	**24.8**	**Date of Analysis:**	**5/28/13 04:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	120	Not Detected	610	Not Detected
Freon 114	120	Not Detected	870	Not Detected
Chloromethane	500	Not Detected	1000	Not Detected
Vinyl Chloride	120	Not Detected	320	Not Detected
1,3-Butadiene	120	Not Detected	270	Not Detected
Bromomethane	120	Not Detected	480	Not Detected
Chloroethane	500	Not Detected	1300	Not Detected
Freon 11	120	Not Detected	700	Not Detected
Ethanol	500	Not Detected	930	Not Detected
Freon 113	120	Not Detected	950	Not Detected
1,1-Dichloroethene	120	Not Detected	490	Not Detected
Acetone	500	Not Detected	1200	Not Detected
2-Propanol	500	Not Detected	1200	Not Detected
Carbon Disulfide	120	Not Detected	390	Not Detected
3-Chloropropene	500	Not Detected	1600	Not Detected
Methylene Chloride	120	Not Detected	430	Not Detected
Methyl tert-butyl ether	120	Not Detected	450	Not Detected
trans-1,2-Dichloroethene	120	Not Detected	490	Not Detected
Hexane	120	850	440	3000
1,1-Dichloroethane	120	Not Detected	500	Not Detected
2-Butanone (Methyl Ethyl Ketone)	500	Not Detected	1500	Not Detected
cis-1,2-Dichloroethene	120	Not Detected	490	Not Detected
Tetrahydrofuran	120	Not Detected	360	Not Detected
Chloroform	120	Not Detected	600	Not Detected
1,1,1-Trichloroethane	120	Not Detected	680	Not Detected
Cyclohexane	120	1100	430	3900
Carbon Tetrachloride	120	Not Detected	780	Not Detected
2,2,4-Trimethylpentane	120	42000	580	200000
Benzene	120	69 J	400	220 J
1,2-Dichloroethane	120	Not Detected	500	Not Detected
Heptane	120	Not Detected	510	Not Detected
Trichloroethene	120	Not Detected	670	Not Detected
1,2-Dichloropropane	120	Not Detected	570	Not Detected
1,4-Dioxane	500	Not Detected	1800	Not Detected
Bromodichloromethane	120	Not Detected	830	Not Detected
cis-1,3-Dichloropropene	120	Not Detected	560	Not Detected
4-Methyl-2-pentanone	120	Not Detected	510	Not Detected
Toluene	120	270	470	1000
trans-1,3-Dichloropropene	120	Not Detected	560	Not Detected
1,1,2-Trichloroethane	120	Not Detected	680	Not Detected
Tetrachloroethene	120	Not Detected	840	Not Detected
2-Hexanone	500	Not Detected	2000	Not Detected

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Client Sample ID: VMP-15-21.5-051513

Lab ID#: 1305467A-03A

EPA METHOD TO-15 GC/MS

File Name:	**14052819**	**Date of Collection:**	**5/15/13 2:29:00 PM**
Dil. Factor:	**24.8**	**Date of Analysis:**	**5/28/13 04:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	120	Not Detected	1000	Not Detected
1,2-Dibromoethane (EDB)	120	Not Detected	950	Not Detected
Chlorobenzene	120	Not Detected	570	Not Detected
Ethyl Benzene	120	200	540	860
m,p-Xylene	120	460	540	2000
o-Xylene	120	160	540	700
Styrene	120	Not Detected	530	Not Detected
Bromoform	120	Not Detected	1300	Not Detected
Cumene	120	Not Detected	610	Not Detected
1,1,2,2-Tetrachloroethane	120	Not Detected	850	Not Detected
Propylbenzene	120	Not Detected	610	Not Detected
4-Ethyltoluene	120	Not Detected	610	Not Detected
1,3,5-Trimethylbenzene	120	Not Detected	610	Not Detected
1,2,4-Trimethylbenzene	120	Not Detected	610	Not Detected
1,3-Dichlorobenzene	120	Not Detected	740	Not Detected
1,4-Dichlorobenzene	120	Not Detected	740	Not Detected
alpha-Chlorotoluene	120	Not Detected	640	Not Detected
1,2-Dichlorobenzene	120	Not Detected	740	Not Detected
1,2,4-Trichlorobenzene	500	Not Detected	3700	Not Detected
Hexachlorobutadiene	500	Not Detected	5300	Not Detected
Butane	500	14000	1200	32000
Isopentane	500	110000	1500	330000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	111	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: VMP-25-21-051713

Lab ID#: 1305467A-04A

EPA METHOD TO-15 GC/MS

File Name:	**14052820**	**Date of Collection:**	**5/17/13 10:23:00 AM**
Dil. Factor:	**1360**	**Date of Analysis:**	**5/28/13 05:50 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	6800	Not Detected	34000	Not Detected
Freon 114	6800	Not Detected	48000	Not Detected
Chloromethane	27000	Not Detected	56000	Not Detected
Vinyl Chloride	6800	Not Detected	17000	Not Detected
1,3-Butadiene	6800	Not Detected	15000	Not Detected
Bromomethane	6800	Not Detected	26000	Not Detected
Chloroethane	27000	Not Detected	72000	Not Detected
Freon 11	6800	Not Detected	38000	Not Detected
Ethanol	27000	Not Detected	51000	Not Detected
Freon 113	6800	Not Detected	52000	Not Detected
1,1-Dichloroethene	6800	Not Detected	27000	Not Detected
Acetone	27000	Not Detected	65000	Not Detected
2-Propanol	27000	Not Detected	67000	Not Detected
Carbon Disulfide	6800	Not Detected	21000	Not Detected
3-Chloropropene	27000	Not Detected	85000	Not Detected
Methylene Chloride	6800	Not Detected	24000	Not Detected
Methyl tert-butyl ether	6800	Not Detected	24000	Not Detected
trans-1,2-Dichloroethene	6800	Not Detected	27000	Not Detected
Hexane	6800	280000	24000	1000000
1,1-Dichloroethane	6800	Not Detected	28000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	27000	Not Detected	80000	Not Detected
cis-1,2-Dichloroethene	6800	Not Detected	27000	Not Detected
Tetrahydrofuran	6800	Not Detected	20000	Not Detected
Chloroform	6800	Not Detected	33000	Not Detected
1,1,1-Trichloroethane	6800	Not Detected	37000	Not Detected
Cyclohexane	6800	370000	23000	1300000
Carbon Tetrachloride	6800	Not Detected	43000	Not Detected
2,2,4-Trimethylpentane	6800	Not Detected	32000	Not Detected
Benzene	6800	19000	22000	61000
1,2-Dichloroethane	6800	Not Detected	28000	Not Detected
Heptane	6800	50000	28000	210000
Trichloroethene	6800	Not Detected	36000	Not Detected
1,2-Dichloropropane	6800	Not Detected	31000	Not Detected
1,4-Dioxane	27000	Not Detected	98000	Not Detected
Bromodichloromethane	6800	Not Detected	46000	Not Detected
cis-1,3-Dichloropropene	6800	Not Detected	31000	Not Detected
4-Methyl-2-pentanone	6800	Not Detected	28000	Not Detected
Toluene	6800	3800 J	26000	14000 J
trans-1,3-Dichloropropene	6800	Not Detected	31000	Not Detected
1,1,2-Trichloroethane	6800	Not Detected	37000	Not Detected
Tetrachloroethene	6800	Not Detected	46000	Not Detected
2-Hexanone	27000	Not Detected	110000	Not Detected

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Client Sample ID: VMP-25-21-051713

Lab ID#: 1305467A-04A

EPA METHOD TO-15 GC/MS

File Name:	**14052820**	**Date of Collection:**	**5/17/13 10:23:00 AM**
Dil. Factor:	**1360**	**Date of Analysis:**	**5/28/13 05:50 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	6800	Not Detected	58000	Not Detected
1,2-Dibromoethane (EDB)	6800	Not Detected	52000	Not Detected
Chlorobenzene	6800	Not Detected	31000	Not Detected
Ethyl Benzene	6800	2700 J	30000	12000 J
m,p-Xylene	6800	7200	30000	31000
o-Xylene	6800	2500 J	30000	11000 J
Styrene	6800	Not Detected	29000	Not Detected
Bromoform	6800	Not Detected	70000	Not Detected
Cumene	6800	Not Detected	33000	Not Detected
1,1,2,2-Tetrachloroethane	6800	Not Detected	47000	Not Detected
Propylbenzene	6800	Not Detected	33000	Not Detected
4-Ethyltoluene	6800	Not Detected	33000	Not Detected
1,3,5-Trimethylbenzene	6800	Not Detected	33000	Not Detected
1,2,4-Trimethylbenzene	6800	Not Detected	33000	Not Detected
1,3-Dichlorobenzene	6800	Not Detected	41000	Not Detected
1,4-Dichlorobenzene	6800	Not Detected	41000	Not Detected
alpha-Chlorotoluene	6800	Not Detected	35000	Not Detected
1,2-Dichlorobenzene	6800	Not Detected	41000	Not Detected
1,2,4-Trichlorobenzene	27000	Not Detected	200000	Not Detected
Hexachlorobutadiene	27000	Not Detected	290000	Not Detected
Butane	27000	2800000	65000	6700000
Isopentane	27000	5400000	80000	16000000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: Lab Blank
Lab ID#: 1305467A-05A
EPA METHOD TO-15 GC/MS

File Name:	**14052806c**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/28/13 10:23 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 114	5.0	Not Detected	35	Not Detected
Chloromethane	20	Not Detected	41	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,3-Butadiene	5.0	Not Detected	11	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	20	Not Detected	53	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Ethanol	20	7.5 J	38	14 J
Freon 113	5.0	Not Detected	38	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
Acetone	20	Not Detected	48	Not Detected
2-Propanol	20	Not Detected	49	Not Detected
Carbon Disulfide	5.0	Not Detected	16	Not Detected
3-Chloropropene	20	Not Detected	63	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Hexane	5.0	Not Detected	18	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
2-Butanone (Methyl Ethyl Ketone)	20	Not Detected	59	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Tetrahydrofuran	5.0	Not Detected	15	Not Detected
Chloroform	5.0	Not Detected	24	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	27	Not Detected
Cyclohexane	5.0	Not Detected	17	Not Detected
Carbon Tetrachloride	5.0	Not Detected	31	Not Detected
2,2,4-Trimethylpentane	5.0	Not Detected	23	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Heptane	5.0	Not Detected	20	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,4-Dioxane	20	Not Detected	72	Not Detected
Bromodichloromethane	5.0	Not Detected	34	Not Detected
cis-1,3-Dichloropropene	5.0	Not Detected	23	Not Detected
4-Methyl-2-pentanone	5.0	Not Detected	20	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
trans-1,3-Dichloropropene	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
2-Hexanone	20	Not Detected	82	Not Detected

Client Sample ID: Lab Blank

Lab ID#: 1305467A-05A

EPA METHOD TO-15 GC/MS

File Name:	**14052806c**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/28/13 10:23 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	5.0	Not Detected	42	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	38	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Styrene	5.0	Not Detected	21	Not Detected
Bromoform	5.0	Not Detected	52	Not Detected
Cumene	5.0	Not Detected	24	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	34	Not Detected
Propylbenzene	5.0	Not Detected	24	Not Detected
4-Ethyltoluene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
alpha-Chlorotoluene	5.0	Not Detected	26	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2,4-Trichlorobenzene	20	Not Detected	150	Not Detected
Hexachlorobutadiene	20	Not Detected	210	Not Detected
Butane	20	Not Detected	48	Not Detected
Isopentane	20	Not Detected	59	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: CCV
Lab ID#: 1305467A-06A
EPA METHOD TO-15 GC/MS

File Name:	**14052802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/28/13 08:25 AM**	

Compound	%Recovery
Freon 12	108
Freon 114	103
Chloromethane	108
Vinyl Chloride	86
1,3-Butadiene	80
Bromomethane	108
Chloroethane	101
Freon 11	109
Ethanol	95
Freon 113	95
1,1-Dichloroethene	102
Acetone	104
2-Propanol	93
Carbon Disulfide	98
3-Chloropropene	93
Methylene Chloride	110
Methyl tert-butyl ether	91
trans-1,2-Dichloroethene	103
Hexane	101
1,1-Dichloroethane	105
2-Butanone (Methyl Ethyl Ketone)	99
cis-1,2-Dichloroethene	100
Tetrahydrofuran	115
Chloroform	104
1,1,1-Trichloroethane	103
Cyclohexane	98
Carbon Tetrachloride	109
2,2,4-Trimethylpentane	102
Benzene	110
1,2-Dichloroethane	117
Heptane	110
Trichloroethene	107
1,2-Dichloropropane	106
1,4-Dioxane	102
Bromodichloromethane	112
cis-1,3-Dichloropropene	98
4-Methyl-2-pentanone	102
Toluene	103
trans-1,3-Dichloropropene	104
1,1,2-Trichloroethane	108
Tetrachloroethene	105
2-Hexanone	104

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Client Sample ID: CCV
Lab ID#: 1305467A-06A
EPA METHOD TO-15 GC/MS

File Name:	**14052802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/28/13 08:25 AM**	

Compound	%Recovery
Dibromochloromethane	117
1,2-Dibromoethane (EDB)	110
Chlorobenzene	103
Ethyl Benzene	104
m,p-Xylene	103
o-Xylene	103
Styrene	110
Bromoform	119
Cumene	108
1,1,2,2-Tetrachloroethane	111
Propylbenzene	109
4-Ethyltoluene	111
1,3,5-Trimethylbenzene	109
1,2,4-Trimethylbenzene	106
1,3-Dichlorobenzene	103
1,4-Dichlorobenzene	106
alpha-Chlorotoluene	123
1,2-Dichlorobenzene	104
1,2,4-Trichlorobenzene	94
Hexachlorobutadiene	96
Butane	95
Isopentane	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: LCS
Lab ID#: 1305467A-07A
EPA METHOD TO-15 GC/MS

File Name:	**14052803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/28/13 08:53 AM**	

Compound	%Recovery
Freon 12	104
Freon 114	96
Chloromethane	107
Vinyl Chloride	81
1,3-Butadiene	75
Bromomethane	101
Chloroethane	93
Freon 11	102
Ethanol	91
Freon 113	91
1,1-Dichloroethene	104
Acetone	95
2-Propanol	81
Carbon Disulfide	113
3-Chloropropene	88
Methylene Chloride	101
Methyl tert-butyl ether	80
trans-1,2-Dichloroethene	106
Hexane	89
1,1-Dichloroethane	96
2-Butanone (Methyl Ethyl Ketone)	85
cis-1,2-Dichloroethene	90
Tetrahydrofuran	89
Chloroform	100
1,1,1-Trichloroethane	97
Cyclohexane	89
Carbon Tetrachloride	99
2,2,4-Trimethylpentane	89
Benzene	103
1,2-Dichloroethane	110
Heptane	93
Trichloroethene	101
1,2-Dichloropropane	101
1,4-Dioxane	86
Bromodichloromethane	104
cis-1,3-Dichloropropene	87
4-Methyl-2-pentanone	84
Toluene	96
trans-1,3-Dichloropropene	91
1,1,2-Trichloroethane	102
Tetrachloroethene	97
2-Hexanone	79

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Client Sample ID: LCS
Lab ID#: 1305467A-07A
EPA METHOD TO-15 GC/MS

File Name:	**14052803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/28/13 08:53 AM**	

Compound	%Recovery
Dibromochloromethane	104
1,2-Dibromoethane (EDB)	101
Chlorobenzene	99
Ethyl Benzene	93
m,p-Xylene	94
o-Xylene	90
Styrene	96
Bromoform	106
Cumene	95
1,1,2,2-Tetrachloroethane	106
Propylbenzene	102
4-Ethyltoluene	94
1,3,5-Trimethylbenzene	101
1,2,4-Trimethylbenzene	92
1,3-Dichlorobenzene	100
1,4-Dichlorobenzene	99
alpha-Chlorotoluene	95
1,2-Dichlorobenzene	100
1,2,4-Trichlorobenzene	89
Hexachlorobutadiene	92
Butane	89
Isopentane	98

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	104	70-130

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Client Sample ID: LCSD
Lab ID#: 1305467A-07AA
EPA METHOD TO-15 GC/MS

File Name:	**14052804**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/28/13 09:28 AM**

Compound	%Recovery
Freon 12	105
Freon 114	98
Chloromethane	107
Vinyl Chloride	85
1,3-Butadiene	76
Bromomethane	103
Chloroethane	98
Freon 11	105
Ethanol	103
Freon 113	96
1,1-Dichloroethene	104
Acetone	96
2-Propanol	86
Carbon Disulfide	116
3-Chloropropene	95
Methylene Chloride	105
Methyl tert-butyl ether	81
trans-1,2-Dichloroethene	108
Hexane	90
1,1-Dichloroethane	100
2-Butanone (Methyl Ethyl Ketone)	88
cis-1,2-Dichloroethene	94
Tetrahydrofuran	91
Chloroform	102
1,1,1-Trichloroethane	99
Cyclohexane	90
Carbon Tetrachloride	101
2,2,4-Trimethylpentane	91
Benzene	105
1,2-Dichloroethane	110
Heptane	98
Trichloroethene	101
1,2-Dichloropropane	102
1,4-Dioxane	88
Bromodichloromethane	106
cis-1,3-Dichloropropene	87
4-Methyl-2-pentanone	86
Toluene	98
trans-1,3-Dichloropropene	90
1,1,2-Trichloroethane	102
Tetrachloroethene	101
2-Hexanone	78

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Client Sample ID: LCSD
Lab ID#: 1305467A-07AA
EPA METHOD TO-15 GC/MS

File Name:	**14052804**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/28/13 09:28 AM**	

Compound	%Recovery
Dibromochloromethane	104
1,2-Dibromoethane (EDB)	104
Chlorobenzene	101
Ethyl Benzene	94
m,p-Xylene	98
o-Xylene	94
Styrene	98
Bromoform	105
Cumene	99
1,1,2,2-Tetrachloroethane	109
Propylbenzene	103
4-Ethyltoluene	100
1,3,5-Trimethylbenzene	103
1,2,4-Trimethylbenzene	94
1,3-Dichlorobenzene	101
1,4-Dichlorobenzene	102
alpha-Chlorotoluene	98
1,2-Dichlorobenzene	103
1,2,4-Trichlorobenzene	93
Hexachlorobutadiene	101
Butane	89
Isopentane	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	105	70-130

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CH ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian
PO #:
INCIDENT # (ENV SERVICES): 9 7 2 1 8 6 4 0
SAP #: 3 4 0 0 6 1
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 05/20/13
PAGE: 1 of 1

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA
State: IL
GLOBAL ID NO:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST. LOUIS, MO 63110
EDF DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO: 314-743-4179
E-MAIL: Elizabeth_Kunkel@URSCorp.com
CONSULTANT PROJECT NAME#: Roxana Soil Vapor
Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
TELEPHONE: 314-429-0100
FAX: 314-429-0432
Bill To Contact E-MAIL: Robert.Mooshegian@urs.com
S Fisher, L. Rathnow, B. Lehan, C Williams, E Arthur

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
01	VMP-4-23.5-051513	05/15/13	1022-1052	33720	-30	-9.5			X	X	
02	VMP-4-39-051513	05/15/13	1106-1138	31600	-29.5	-8			X	X	
03	VMP-15-21.5-051513	05/15/13	1356-1429	2171	-29.5	-10			X	X	
04	VMP-25-21-051713	05/17/13	0954-1023	37399	-29.5	-7			X	X	

Turn Around Time: ☑ Normal ☐ Rush
Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N2 He

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

FedEx
Custody Seal Intact?
(Y) N None Temp NA

	Relinquished by: (Signature)	Received by: (Signature)	Date	Time
		FEDEX	5/21/13	1630
	Relinquished by: (Signature)	Received by: (Signature) KatieDecker ATL	05/22/13	0945
	Relinquished by: (Signature)	Received by: (Signature)	Date	Time

05/2/08 Revision

1305467

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6/6/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1305467B

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 5/22/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1305467B

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	05/22/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	06/06/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-4-23.5-051513	Modified ASTM D-1946	10.4 "Hg	15.3 psi
02A	VMP-4-39-051513	Modified ASTM D-1946	9.2 "Hg	15 psi
03A	VMP-15-21.5-051513	Modified ASTM D-1946	9.8 "Hg	14.8 psi
04A	VMP-25-21-051713	Modified ASTM D-1946	7.6 "Hg	15.3 psi
05A	Lab Blank	Modified ASTM D-1946	NA	NA
05B	Lab Blank	Modified ASTM D-1946	NA	NA
06A	LCS	Modified ASTM D-1946	NA	NA
06AA	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 06/06/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified ASTM D-1946
URS Corporation
Workorder# 1305467B

Four 1 Liter Summa Canister samples were received on May 22, 2013. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane and fixed gases in air using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Since Nitrogen is used to pressurize samples, the reported Nitrogen values are calculated by adding all the sample components and subtracting from 100%.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*ASTM D-1946*	*ATL Modifications*
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

The reporting limit for Nitrogen was raised from 0.10% to 0.50%.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-4-23.5-051513

Lab ID#: 1305467B-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	15
Nitrogen	1.6	78
Methane	0.00031	0.18
Carbon Dioxide	0.031	6.2

Client Sample ID: VMP-4-39-051513

Lab ID#: 1305467B-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	17
Nitrogen	1.4	77
Methane	0.00029	0.85
Carbon Dioxide	0.029	5.0

Client Sample ID: VMP-15-21.5-051513

Lab ID#: 1305467B-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	2.4
Nitrogen	1.5	83
Methane	0.00030	3.8
Carbon Dioxide	0.030	11
Ethane	0.0030	0.0018 J
Helium	0.15	0.022 J

Client Sample ID: VMP-25-21-051713

Lab ID#: 1305467B-04A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	1.4
Nitrogen	1.4	53
Methane	0.00027	29

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-25-21-051713

Lab ID#: 1305467B-04A

Carbon Dioxide	0.027	14
Ethane	0.0027	0.032

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Client Sample ID: VMP-4-23.5-051513

Lab ID#: 1305467B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052921**	**Date of Collection:**	**5/15/13 10:52:00 AM**
Dil. Factor:	**3.12**	**Date of Analysis:**	**5/29/13 07:32 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	15
Nitrogen	1.6	78
Carbon Monoxide	0.031	Not Detected
Methane	0.00031	0.18
Carbon Dioxide	0.031	6.2
Ethane	0.0031	Not Detected
Ethene	0.0031	Not Detected
Helium	0.16	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-4-39-051513

Lab ID#: 1305467B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052922**	**Date of Collection:**	**5/15/13 11:38:00 AM**
Dil. Factor:	**2.91**	**Date of Analysis:**	**5/29/13 07:54 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	17
Nitrogen	1.4	77
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	0.85
Carbon Dioxide	0.029	5.0
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-15-21.5-051513

Lab ID#: 1305467B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052924**	**Date of Collection:**	**5/15/13 2:29:00 PM**
Dil. Factor:	**2.98**	**Date of Analysis:**	**5/29/13 08:45 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	2.4
Nitrogen	1.5	83
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	3.8
Carbon Dioxide	0.030	11
Ethane	0.0030	0.0018 J
Ethene	0.0030	Not Detected
Helium	0.15	0.022 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-25-21-051713

Lab ID#: 1305467B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10052925	Date of Collection:	5/17/13 10:23:00 AM
Dil. Factor:	2.73	Date of Analysis:	5/29/13 09:08 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	1.4
Nitrogen	1.4	53
Carbon Monoxide	0.027	Not Detected
Methane	0.00027	29
Carbon Dioxide	0.027	14
Ethane	0.0027	0.032
Ethene	0.0027	Not Detected
Helium	0.14	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: Lab Blank

Lab ID#: 1305467B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052904a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/29/13 09:57 AM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Oxygen	0.10	0.016 J
Nitrogen	0.10	0.083 J
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected
Ethane	0.0010	Not Detected
Ethene	0.0010	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

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Client Sample ID: Lab Blank

Lab ID#: 1305467B-05B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10052903c	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/29/13 09:26 AM	

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.050	Not Detected

Container Type: NA - Not Applicable

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Client Sample ID: LCS

Lab ID#: 1305467B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/29/13 08:59 AM**	

Compound	%Recovery
Oxygen	104
Nitrogen	100
Carbon Monoxide	100
Methane	100
Carbon Dioxide	101
Ethane	99
Ethene	99
Helium	100

Container Type: NA - Not Applicable

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Client Sample ID: LCSD

Lab ID#: 1305467B-06AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10052926**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/29/13 09:35 PM**	

Compound	%Recovery
Oxygen	102
Nitrogen	100
Carbon Monoxide	100
Methane	98
Carbon Dioxide	101
Ethane	98
Ethene	98
Helium	100

Container Type: NA - Not Applicable

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CH ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian
RO #:
INCIDENT # (ENV SERVICES): 9 7 2 1 8 6 4 0
SAP #: 3 4 0 0 6 1
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 05/20/13
PAGE: 1 of 1

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE – ROXANA
State: IL
GLOBAL ID NO:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST. LOUIS, MO 63110
CONSULTANT/PROJECT MANAGER: Elizabeth Kunkel, URS, St. Louis
PHONE NO: 314-743-4179
E-MAIL: Elizabeth.Kunkel@URSCorp.com
CONSULTANT PROJECT NAME/#: Roxana Soil Vapor
Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
TELEPHONE: 314-429-0100
FAX: 314-429-0432
Bill To Contact E-MAIL: Robert.Mooshegian@urs.com
S. Fisher, L. Rathnow, B. Lehan, C. Williams, E. Arthur

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
01	VMP-4-23.5-051513	05/15/13	1022-1052	33720	-30	-8.5			X	X	
02	VMP-4-39-051513	05/15/13	1108-1138	31600	-29.5	-8			X	X	
03	VMP-15-21.5-051513	05/15/13	1356-1429	2171	-29.5	-10			X	X	
04	VMP-25-21-051713	05/17/13	0954-1023	37399	-29.5	-7			X	X	

Turn Around Time: ☑ Normal ☐ Rush ☐ Speedy

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP

FedEx
Custody Seal Intact?
(Y) N None Temp NA

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	FEDEX	5/21/13	1630
	Katie Decker ATL	05/22/13	0945

05/2008 Revision

1305467

Roxana Soil Vapor Quarterly – 2nd Quarter 2013 Data Review

Laboratory SDG: 1306126A,B

Data Reviewer: Elizabeth Kunkel

Peer Reviewer: Steve Gragert

Date Reviewed: 6/18/2013

Guidance: USEPA National Functional Guidelines for Superfund Organic Methods Data Review 2008

Sample Identification	Sample Identification
VMP-3-5-060413	VMP-3-10-060413
VMP-3-22-060413	VMP-3-22-060413-Dup
VMP-7-5-060613	VMP-7-13.5-060513
VMP-7-29.5-060613	VMP-7-38-060613

1.0 Data Package Completeness

Were all items delivered as specified in the QAPP and COC as appropriate?

Yes

2.0 Laboratory Case Narrative \ Cooler Receipt Form

Were problems noted in the laboratory case narrative or cooler receipt form?

Although not indicated in the laboratory case narrative, analytes were detected in the method blank. This issue is addressed further in the appropriate section below.

No issues or discrepancies were noted in the cooler receipt form.

3.0 Holding Times

Were samples extracted/analyzed within applicable limits?

Yes

4.0 Blank Contamination

Were any analytes detected in the Blanks?

Yes

Blank ID	Parameter	Analyte	Concentration/ Amount
1306126A-09A	TO-15	Ethanol	0.76 ppbv / 1.4 µg/m^3
1306126A-09A	TO-15	Carbon disulfide	0.46 ppbv / 1.4 µg/m^3
1306126A-09A	TO-15	2,2,4-Trimethylpentane	0.14 ppbv / 0.65 µg/m^3
1306126A-09A	TO-15	Trichloroethene	0.16 ppbv / 0.89 µg/m^3
1306126A-09A	TO-15	Toluene	0.094 ppbv / 0.36 µg/m^3
1306126A-09A	TO-15	trans-1,3-Dichloropropene	0.13 ppbv / 0.61 µg/m^3
1306126A-09A	TO-15	1,2-Dibromoethane (EDB)	0.14 ppbv / 1.1 µg/m^3
1306126A-09A	TO-15	Chlorobenzene	0.29 ppbv / 1.3 µg/m^3
1306126A-09A	TO-15	Styrene	0.054 ppbv / 0.23 µg/m^3
1306126A-09A	TO-15	1,1,2,2-Tetrachloroethane	0.077 ppbv / 0.53 µg/m^3

Blank ID	Parameter	Analyte	Concentration/ Amount
1306126A-09A	TO-15	Propylbenzene	0.058 ppbv / 0.29 µg/m^3
1306126A-09A	TO-15	4-Ethyltoluene	0.069 ppbv / 0.34 µg/m^3
1306126A-09A	TO-15	1,3-Dichlorobenzene	0.15 ppbv / 0.92 µg/m^3
1306126A-09A	TO-15	1,4-Dichlorobenzene	0.16 ppbv / 0.96 µg/m^3
1306126A-09A	TO-15	alpha-Chlrotoluene	0.092 ppbv / 0.48 µg/m^3
1306126A-09A	TO-15	1,2-Dichlorobenzene	0.11 ppbv / 0.66 µg/m^3
1306126A-09A	TO-15	1,2,4-Trichlorobenzene	0.42 ppbv / 3.1 µg/m^3

Qualifications due to blank contamination are included in the table below. Analytical data that were reported non-detect or at concentrations greater than five times (5X) the associated blank concentration did not require qualification.

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-3-5-060413	TO-15	Ethanol	-	**U**
VMP-3-5-060413	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-3-5-060413	TO-15	Chlorobenzene	-	**U**
VMP-3-5-060413	TO-15	1,1,2,2-Tetrachloroethane	-	**U**
VMP-3-5-060413	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-3-5-060413	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-3-5-060413	TO-15	1,2-Dichlorobenzene	-	**U**
VMP-3-10-060413	TO-15	Ethanol	-	**U**
VMP-3-10-060413	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-3-10-060413	TO-15	Chlorobenzene	-	**U**
VMP-3-10-060413	TO-15	1,1,2,2-Tetrachloroethane	-	**U**
VMP-3-10-060413	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-3-22-060413	TO-15	Carbon disulfide	-	**U**
VMP-3-22-060413	TO-15	2,2,4-Trimethylpentane	-	**U**
VMP-3-22-060413	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-3-22-060413	TO-15	Chlrorobenzene	-	**U**
VMP-3-22-060413	TO-15	1,1,2,2-Tetrachloroethene	-	**U**
VMP-3-22-060413	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-3-22-060413-Dup	TO-15	Ethanol	-	**U**
VMP-3-22-060413-Dup	TO-15	Carbon disulfide	-	**U**
VMP-3-22-060413-Dup	TO-15	2,2,4-Trimethylpentane	-	**U**
VMP-3-22-060413-Dup	TO-15	Toluene	-	**U**
VMP-3-22-060413-Dup	TO-15	Chlorobenzene	-	**U**
VMP-7-5-060613	TO-15	Ethanol	-	**U**
VMP-7-5-060613	TO-15	Carbon disulfide	-	**U**
VMP-7-5-060613	TO-15	Toluene	-	**U**

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-7-5-060613	TO-15	Chlorobenzene	-	**U**
VMP-7-13.5-060513	TO-15	Ethanol	-	**U**
VMP-7-13.5-060513	TO-15	Carbon disulfide	-	**U**
VMP-7-13.5-060513	TO-15	Toluene	-	**U**
VMP-7-13.5-060513	TO-15	Chlorobenzene	-	**U**
VMP-7-29.5-060613	TO-15	Ethanol	-	**U**
VMP-7-29.5-060613	TO-15	Carbon disulfide	-	**U**
VMP-7-29.5-060613	TO-15	Toluene	-	**U**
VMP-7-29.5-060613	TO-15	Chlorobenzene	-	**U**
VMP-7-38-060613	TO-15	Ethanol	-	**U**
VMP-7-38-060613	TO-15	Carbon disulfide	-	**U**
VMP-7-38-060613	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-7-38-060613	TO-15	Chlorobenzene	-	**U**

5.0 Laboratory Control Sample

Were LCS recoveries within evaluation criteria?

Yes

6.0 Surrogate Recoveries

Were surrogate recoveries within evaluation criteria?

Yes

7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

Were MS/MSD samples analyzed as part of this SDG?

MS/MSD samples are not applicable for vapor samples, due to the inability to spike the samples.

8.0 Laboratory Duplicate Results

Were laboratory duplicate samples collected as part of this SDG?

No

9.0 Field Duplicate Results

Were field duplicate samples collected as part of this SDG?

Yes

Field ID	Field Duplicate ID
VMP-3-22-060413	VMP-3-22-060413-Dup

Were field duplicate sample RPDs within evaluation criteria?

Yes

10.0 Sample Dilutions

For samples that were diluted and nondetect, were undiluted results also reported?

Not applicable; analytes were detected in samples that were diluted.

11.0 Additional Qualifications

Were additional qualifications applied?

No

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6/14/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #:
Workorder #: 1306126A

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 6/7/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

Reviewed
on
6/18/2013

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WORK ORDER #: 1306126A

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	Roxana Soil Vapor
DATE RECEIVED:	06/07/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	06/14/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-3-5-060413	Modified TO-15	10.6 "Hg	15.4 psi
02A	VMP-3-10-060413	Modified TO-15	10 "Hg	14.8 psi
03A	VMP-3-22-060413	Modified TO-15	8.8 "Hg	14.9 psi
04A	VMP-3-22-060413-Dup	Modified TO-15	9.6 "Hg	14.8 psi
05A	VMP-7-5-060613	Modified TO-15	9.2 "Hg	14.8 psi
06A	VMP-7-13.5-060513	Modified TO-15	10.4 "Hg	15.3 psi
07A	VMP-7-29.5-060613	Modified TO-15	10.4 "Hg	14.3 psi
08A	VMP-7-38-060613	Modified TO-15	10.8 "Hg	15.6 psi
09A	Lab Blank	Modified TO-15	NA	NA
10A	CCV	Modified TO-15	NA	NA
11A	LCS	Modified TO-15	NA	NA
11AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 06/14/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4. UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 956
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
URS Corporation
Workorder# 1306126A

Eight 1 Liter Summa Canister samples were received on June 07, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per client project requirements, the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified (0.2 ppbv for compounds reported at 0.5 ppbv and 0.8 ppbv for compounds reported at 2.0 ppbv) may be false positives.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-3-5-060413

Lab ID#: 1306126A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.53 J	7.8	2.6 J
1,3-Butadiene	1.6	0.83 J	3.5	1.8 J
Freon 11	1.6	0.66 J	8.9	3.7 J
Ethanol	6.3	~~1.6 J~~	12	~~2.9 J~~
Acetone	16	5.9 J	38	14 J
2-Propanol	6.3	1.7 J	16	4.1 J
Carbon Disulfide	6.3	4.0 J	20	12 J
Methylene Chloride	16	0.60 J	55	2.1 J
Hexane	1.6	1.0 J	5.6	3.6 J
2-Butanone (Methyl Ethyl Ketone)	6.3	2.6 J	19	7.6 J
Chloroform	1.6	16	7.7	77
Cyclohexane	1.6	0.41 J	5.4	1.4 J
2,2,4-Trimethylpentane	1.6	1.1 J	7.4	5.3 J
Benzene	1.6	0.60 J	5.1	1.9 J
Heptane	1.6	0.52 J	6.5	2.1 J
Bromodichloromethane	1.6	1.1 J	11	7.2 J
cis-1,3-Dichloropropene	1.6	0.38 J	7.2	1.7 J
Toluene	1.6	0.84 J	6.0	3.1 J
trans-1,3-Dichloropropene	1.6	~~0.52 J~~	7.2	~~2.4 J~~
Tetrachloroethene	1.6	1.4 J	11	9.2 J
Dibromochloromethane	1.6	0.18 J	14	1.5 J
Chlorobenzene	1.6	~~0.80 J~~	7.3	~~3.7 J~~
m,p-Xylene	1.6	0.87 J	6.9	3.8 J
o-Xylene	1.6	0.41 J	6.9	1.8 J
1,1,2,2-Tetrachloroethane	1.6	~~0.19 J~~	11	~~1.3 J~~
4-Ethyltoluene	1.6	0.42 J	7.8	2.1 J
1,3-Dichlorobenzene	1.6	~~0.32 J~~	9.5	~~1.9 J~~
1,4-Dichlorobenzene	1.6	~~0.33 J~~	9.5	~~2.0 J~~
1,2-Dichlorobenzene	1.6	~~0.30 J~~	9.5	~~1.8 J~~
Butane	6.3	14	15	34
Isopentane	6.3	6.7	19	20

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-3-10-060413

Lab ID#: 1306126A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.40 J	7.4	2.0 J
1,3-Butadiene	1.5	0.80 J	3.3	1.8 J
Freon 11	1.5	0.42 J	8.4	2.3 J
Ethanol	6.0	~~2.7 J~~ U	11	~~5.1 J~~ U
Acetone	15	11 J	36	26 J
2-Propanol	6.0	2.1 J	15	5.1 J
Carbon Disulfide	6.0	11	19	33
Methylene Chloride	15	0.44 J	52	1.5 J
Hexane	1.5	1.3 J	5.3	4.4 J
2-Butanone (Methyl Ethyl Ketone)	6.0	3.2 J	18	9.5 J
Tetrahydrofuran	1.5	1.2 J	4.4	3.7 J
Chloroform	1.5	2.8	7.3	14
2,2,4-Trimethylpentane	1.5	0.87 J	7.0	4.1 J
Benzene	1.5	5.0	4.8	16
1,4-Dioxane	6.0	1.5 J	22	5.5 J
Toluene	1.5	0.78 J	5.7	2.9 J
trans-1,3-Dichloropropene	1.5	~~0.32 J~~ U	6.8	~~1.5 J~~ U
Tetrachloroethene	1.5	0.50 J	10	3.4 J
Chlorobenzene	1.5	~~0.71 J~~ U	6.9	~~3.3 J~~ U
1,1,2,2-Tetrachloroethane	1.5	~~0.17 J~~ U	10	~~1.2 J~~ U
1,4-Dichlorobenzene	1.5	~~0.33 J~~ U	9.0	~~2.0 J~~ U
Butane	6.0	16	14	38
Isopentane	6.0	14	18	41

Client Sample ID: VMP-3-22-060413

Lab ID#: 1306126A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.54 J	7.0	2.6 J
Chloromethane	14	3.7 J	29	7.6 J
Freon 11	1.4	0.31 J	8.0	1.8 J
Ethanol	5.7	4.4 J	11	8.2 J
Acetone	14	31	34	74

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-3-22-060413

Lab ID#: 1306126A-03A

2-Propanol	5.7	1.0 J	14	2.6 J
Carbon Disulfide	5.7	~~1.2 J~~ U	18	~~3.6 J~~ U
Methylene Chloride	14	0.48 J	50	1.7 J
Hexane	1.4	0.60 J	5.0	2.1 J
2-Butanone (Methyl Ethyl Ketone)	5.7	4.0 J	17	12 J
Chloroform	1.4	8.7	7.0	42
2,2,4-Trimethylpentane	1.4	~~0.28 J~~ U	6.6	~~1.3 J~~ U
Benzene	1.4	0.80 J	4.6	2.6 J
Heptane	1.4	0.38 J	5.8	1.6 J
Toluene	1.4	0.52 J	5.4	2.0 J
trans-1,3-Dichloropropene	1.4	~~0.35 J~~ U	6.5	~~1.6 J~~ U
Tetrachloroethene	1.4	1.2 J	9.7	8.5 J
Chlorobenzene	1.4	~~0.68 J~~ U	6.6	~~3.1 J~~ U
Ethyl Benzene	1.4	0.29 J	6.2	1.3 J
m,p-Xylene	1.4	0.40 J	6.2	1.7 J
o-Xylene	1.4	0.21 J	6.2	0.92 J
1,1,2,2-Tetrachloroethane	1.4	~~0.17 J~~ U	9.8	~~1.1 J~~ U
1,4-Dichlorobenzene	1.4	~~0.29 J~~ U	8.6	~~1.7 J~~ U
Butane	5.7	3.6 J	14	8.5 J
Isopentane	5.7	2.7 J	17	8.1 J

Client Sample ID: VMP-3-22-060413-Dup

Lab ID#: 1306126A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.49 J	7.3	2.4 J
Freon 11	1.5	0.43 J	8.3	2.4 J
Ethanol	5.9	~~1.9 J~~ U	11	~~3.5 J~~ U
Acetone	15	7.1 J	35	17 J
Carbon Disulfide	5.9	~~1.2 J~~ U	18	~~3.7 J~~ U
Methylene Chloride	15	0.45 J	51	1.6 J
2-Butanone (Methyl Ethyl Ketone)	5.9	1.2 J	17	3.5 J
Chloroform	1.5	8.7	7.2	42
2,2,4-Trimethylpentane	1.5	~~0.23 J~~ U	6.9	~~1.1 J~~ U
Benzene	1.5	0.66 J	4.7	2.1 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-3-22-060413-Dup

Lab ID#: 1306126A-04A

Heptane	1.5	0.50 J	6.0	2.0 J
Toluene	1.5	~~0.35 J~~ U	5.6	~~1.3 J~~ U
Chlorobenzene	1.5	~~0.66 J~~ U	6.8	~~3.0 J~~ U
Butane	5.9	3.4 J	14	8.0 J
Isopentane	5.9	2.6 J	17	7.8 J

Client Sample ID: VMP-7-5-060613

Lab ID#: 1306126A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.50 J	7.1	2.5 J
Ethanol	5.8	~~3.7 J~~ U	11	~~7.0 J~~ U
Acetone	14	16	34	39
2-Propanol	5.8	3.4 J	14	8.3 J
Carbon Disulfide	5.8	~~1.9 J~~ U	18	~~5.9 J~~ U
Methylene Chloride	14	0.52 J	50	1.8 J
Hexane	1.4	1.6	5.1	5.8
2-Butanone (Methyl Ethyl Ketone)	5.8	19	17	55
Chloroform	1.4	0.45 J	7.0	2.2 J
Cyclohexane	1.4	2.1	5.0	7.4
2,2,4-Trimethylpentane	1.4	30	6.8	140
Benzene	1.4	0.84 J	4.6	2.7 J
Heptane	1.4	0.94 J	5.9	3.8 J
4-Methyl-2-pentanone	1.4	1.3 J	5.9	5.4 J
Toluene	1.4	~~0.42 J~~ U	5.4	~~1.6 J~~ U
Chlorobenzene	1.4	~~0.70 J~~ U	6.6	~~3.2 J~~ U
4-Ethyltoluene	1.4	0.14 J	7.1	0.69 J
Butane	5.8	27	14	65
Isopentane	5.8	68	17	200

Client Sample ID: VMP-7-13.5-060513

Lab ID#: 1306126A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-7-13.5-060513

Lab ID#: 1306126A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.50 J	7.7	2.5 J
Freon 11	1.6	0.40 J	8.8	2.2 J
Ethanol	6.2	~~1.0 J~~ U	12	~~1.9 J~~ U
Acetone	16	9.2 J	37	22 J
Carbon Disulfide	6.2	~~1.1 J~~ U	19	~~3.5 J~~ U
2-Butanone (Methyl Ethyl Ketone)	6.2	2.0 J	18	5.8 J
Chloroform	1.6	0.48 J	7.6	2.3 J
2,2,4-Trimethylpentane	1.6	2.2	7.3	10
Benzene	1.6	2.0	5.0	6.3
Toluene	1.6	~~0.32 J~~ U	5.9	~~1.2 J~~ U
Chlorobenzene	1.6	~~0.66 J~~ U	7.2	~~3.0 J~~ U
Butane	6.2	5.8 J	15	14 J
Isopentane	6.2	14	18	42

Client Sample ID: VMP-7-29.5-060613

Lab ID#: 1306126A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.49 J	7.5	2.4 J
Freon 11	1.5	0.42 J	8.5	2.4 J
Ethanol	6.0	~~2.3 J~~ U	11	~~4.4 J~~ U
Acetone	15	5.4 J	36	13 J
Carbon Disulfide	6.0	~~2.0 J~~ U	19	~~6.2 J~~ U
Hexane	1.5	0.86 J	5.3	3.0 J
2-Butanone (Methyl Ethyl Ketone)	6.0	2.7 J	18	8.0 J
Tetrahydrofuran	1.5	1.5	4.4	4.4
Cyclohexane	1.5	0.50 J	5.2	1.7 J
2,2,4-Trimethylpentane	1.5	1.4 J	7.0	6.3 J
Benzene	1.5	2.6	4.8	8.2
Heptane	1.5	0.62 J	6.2	2.5 J
Toluene	1.5	~~0.42 J~~ U	5.7	~~1.6 J~~ U
Chlorobenzene	1.5	~~0.60 J~~ U	7.0	~~2.8 J~~ U
Butane	6.0	3.2 J	14	7.6 J

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-7-29.5-060613

Lab ID#: 1306126A-07A

Isopentane	6.0	3.6 J	18	11 J

Client Sample ID: VMP-7-38-060613

Lab ID#: 1306126A-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.51 J	8.0	2.5 J
Chloromethane	16	5.6 J	33	11 J
Ethanol	6.4	~~2.3 J~~ U	12	~~4.3 J~~ U
Acetone	16	8.6 J	38	20 J
2-Propanol	6.4	1.7 J	16	4.1 J
Carbon Disulfide	6.4	~~1.6 J~~ U	20	~~5.0 J~~ U
Methylene Chloride	16	0.83 J	56	2.9 J
Hexane	1.6	0.82 J	5.7	2.9 J
2-Butanone (Methyl Ethyl Ketone)	6.4	12	19	34
Chloroform	1.6	19	7.9	92
Cyclohexane	1.6	0.50 J	5.5	1.7 J
2,2,4-Trimethylpentane	1.6	4.0	7.5	18
Benzene	1.6	0.68 J	5.1	2.2 J
Heptane	1.6	0.39 J	6.6	1.6 J
Bromodichloromethane	1.6	1.7	11	12
4-Methyl-2-pentanone	1.6	0.93 J	6.6	3.8 J
Toluene	1.6	0.96 J	6.1	3.6 J
trans-1,3-Dichloropropene	1.6	~~0.38 J~~ U	7.3	~~1.7 J~~ U
Chlorobenzene	1.6	~~0.75 J~~ U	7.4	~~3.4 J~~ U
m,p-Xylene	1.6	0.46 J	7.0	2.0 J
Butane	6.4	10	15	25
Isopentane	6.4	12	19	36

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Client Sample ID: VMP-3-5-060413

Lab ID#: 1306126A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j061108**	**Date of Collection: 6/4/13 10:12:00 AM**	
Dil. Factor:	**3.17**	**Date of Analysis: 6/11/13 12:33 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.53 J	7.8	2.6 J
Freon 114	1.6	Not Detected	11	Not Detected
Chloromethane	16	Not Detected	33	Not Detected
Vinyl Chloride	1.6	Not Detected	4.0	Not Detected
1,3-Butadiene	1.6	0.83 J	3.5	1.8 J
Bromomethane	16	Not Detected	62	Not Detected
Chloroethane	6.3	Not Detected	17	Not Detected
Freon 11	1.6	0.66 J	8.9	3.7 J
Ethanol	6.3	~~4.6 J~~ U	12	~~2.9 J~~ U
Freon 113	1.6	Not Detected	12	Not Detected
1,1-Dichloroethene	1.6	Not Detected	6.3	Not Detected
Acetone	16	5.9 J	38	14 J
2-Propanol	6.3	1.7 J	16	4.1 J
Carbon Disulfide	6.3	4.0 J	20	12 J
3-Chloropropene	6.3	Not Detected	20	Not Detected
Methylene Chloride	16	0.60 J	55	2.1 J
Methyl tert-butyl ether	1.6	Not Detected	5.7	Not Detected
trans-1,2-Dichloroethene	1.6	Not Detected	6.3	Not Detected
Hexane	1.6	1.0 J	5.6	3.6 J
1,1-Dichloroethane	1.6	Not Detected	6.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.3	2.6 J	19	7.6 J
cis-1,2-Dichloroethene	1.6	Not Detected	6.3	Not Detected
Tetrahydrofuran	1.6	Not Detected	4.7	Not Detected
Chloroform	1.6	16	7.7	77
1,1,1-Trichloroethane	1.6	Not Detected	8.6	Not Detected
Cyclohexane	1.6	0.41 J	5.4	1.4 J
Carbon Tetrachloride	1.6	Not Detected	10	Not Detected
2,2,4-Trimethylpentane	1.6	1.1 J	7.4	5.3 J
Benzene	1.6	0.60 J	5.1	1.9 J
1,2-Dichloroethane	1.6	Not Detected	6.4	Not Detected
Heptane	1.6	0.52 J	6.5	2.1 J
Trichloroethene	1.6	Not Detected	8.5	Not Detected
1,2-Dichloropropane	1.6	Not Detected	7.3	Not Detected
1,4-Dioxane	6.3	Not Detected	23	Not Detected
Bromodichloromethane	1.6	1.1 J	11	7.2 J
cis-1,3-Dichloropropene	1.6	0.38 J	7.2	1.7 J
4-Methyl-2-pentanone	1.6	Not Detected	6.5	Not Detected
Toluene	1.6	0.84 J	6.0	3.1 J
trans-1,3-Dichloropropene	1.6	~~0.52 J~~ U	7.2	~~2.4 J~~ U
1,1,2-Trichloroethane	1.6	Not Detected	8.6	Not Detected
Tetrachloroethene	1.6	1.4 J	11	9.2 J
2-Hexanone	6.3	Not Detected	26	Not Detected

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Client Sample ID: VMP-3-5-060413

Lab ID#: 1306126A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j061108**	**Date of Collection: 6/4/13 10:12:00 AM**	
Dil. Factor:	**3.17**	**Date of Analysis: 6/11/13 12:33 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.6	0.18 J	14	1.5 J
1,2-Dibromoethane (EDB)	1.6	Not Detected	12	Not Detected
Chlorobenzene	1.6	~~0.80 J~~ U	7.3	~~3.7 J~~ U
Ethyl Benzene	1.6	Not Detected	6.9	Not Detected
m,p-Xylene	1.6	0.87 J	6.9	3.8 J
o-Xylene	1.6	0.41 J	6.9	1.8 J
Styrene	1.6	Not Detected	6.8	Not Detected
Bromoform	1.6	Not Detected	16	Not Detected
Cumene	1.6	Not Detected	7.8	Not Detected
1,1,2,2-Tetrachloroethane	1.6	~~0.19 J~~ U	11	~~1.3 J~~ U
Propylbenzene	1.6	Not Detected	7.8	Not Detected
4-Ethyltoluene	1.6	0.42 J	7.8	2.1 J
1,3,5-Trimethylbenzene	1.6	Not Detected	7.8	Not Detected
1,2,4-Trimethylbenzene	1.6	Not Detected	7.8	Not Detected
1,3-Dichlorobenzene	1.6	~~0.32 J~~ U	9.5	~~1.9 J~~ U
1,4-Dichlorobenzene	1.6	~~0.33 J~~ U	9.5	~~2.0 J~~ U
alpha-Chlorotoluene	1.6	Not Detected	8.2	Not Detected
1,2-Dichlorobenzene	1.6	~~0.30 J~~ U	9.5	~~1.8 J~~ U
1,2,4-Trichlorobenzene	6.3	Not Detected	47	Not Detected
Hexachlorobutadiene	6.3	Not Detected	68	Not Detected
Butane	6.3	14	15	34
Isopentane	6.3	6.7	19	20

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: VMP-3-10-060413

Lab ID#: 1306126A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j061109**	**Date of Collection: 6/4/13 11:07:00 AM**	
Dil. Factor:	**3.01**	**Date of Analysis: 6/11/13 01:02 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.40 J	7.4	2.0 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	Not Detected	31	Not Detected
Vinyl Chloride	1.5	Not Detected	3.8	Not Detected
1,3-Butadiene	1.5	0.80 J	3.3	1.8 J
Bromomethane	15	Not Detected	58	Not Detected
Chloroethane	6.0	Not Detected	16	Not Detected
Freon 11	1.5	0.42 J	8.4	2.3 J
Ethanol	6.0	~~2.7 J~~ U	11	~~5.1 J~~ U
Freon 113	1.5	Not Detected	12	Not Detected
1,1-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Acetone	15	11 J	36	26 J
2-Propanol	6.0	2.1 J	15	5.1 J
Carbon Disulfide	6.0	11	19	33
3-Chloropropene	6.0	Not Detected	19	Not Detected
Methylene Chloride	15	0.44 J	52	1.5 J
Methyl tert-butyl ether	1.5	Not Detected	5.4	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Hexane	1.5	1.3 J	5.3	4.4 J
1,1-Dichloroethane	1.5	Not Detected	6.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.0	3.2 J	18	9.5 J
cis-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Tetrahydrofuran	1.5	1.2 J	4.4	3.7 J
Chloroform	1.5	2.8	7.3	14
1,1,1-Trichloroethane	1.5	Not Detected	8.2	Not Detected
Cyclohexane	1.5	Not Detected	5.2	Not Detected
Carbon Tetrachloride	1.5	Not Detected	9.5	Not Detected
2,2,4-Trimethylpentane	1.5	0.87 J	7.0	4.1 J
Benzene	1.5	5.0	4.8	16
1,2-Dichloroethane	1.5	Not Detected	6.1	Not Detected
Heptane	1.5	Not Detected	6.2	Not Detected
Trichloroethene	1.5	Not Detected	8.1	Not Detected
1,2-Dichloropropane	1.5	Not Detected	7.0	Not Detected
1,4-Dioxane	6.0	1.5 J	22	5.5 J
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.8	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.2	Not Detected
Toluene	1.5	0.78 J	5.7	2.9 J
trans-1,3-Dichloropropene	1.5	~~0.32 J~~ U	6.8	~~1.5 J~~ U
1,1,2-Trichloroethane	1.5	Not Detected	8.2	Not Detected
Tetrachloroethene	1.5	0.50 J	10	3.4 J
2-Hexanone	6.0	Not Detected	25	Not Detected

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Client Sample ID: VMP-3-10-060413

Lab ID#: 1306126A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j061109**	**Date of Collection: 6/4/13 11:07:00 AM**	
Dil. Factor:	**3.01**	**Date of Analysis: 6/11/13 01:02 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	12	Not Detected
Chlorobenzene	1.5	0.71 J	6.9	3.3 J
Ethyl Benzene	1.5	Not Detected	6.5	Not Detected
m,p-Xylene	1.5	Not Detected	6.5	Not Detected
o-Xylene	1.5	Not Detected	6.5	Not Detected
Styrene	1.5	Not Detected	6.4	Not Detected
Bromoform	1.5	Not Detected	16	Not Detected
Cumene	1.5	Not Detected	7.4	Not Detected
1,1,2,2-Tetrachloroethane	1.5	0.17 J	10	1.2 J
Propylbenzene	1.5	Not Detected	7.4	Not Detected
4-Ethyltoluene	1.5	Not Detected	7.4	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.4	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.4	Not Detected
1,3-Dichlorobenzene	1.5	Not Detected	9.0	Not Detected
1,4-Dichlorobenzene	1.5	0.33 J	9.0	2.0 J
alpha-Chlorotoluene	1.5	Not Detected	7.8	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	9.0	Not Detected
1,2,4-Trichlorobenzene	6.0	Not Detected	45	Not Detected
Hexachlorobutadiene	6.0	Not Detected	64	Not Detected
Butane	6.0	16	14	38
Isopentane	6.0	14	18	41

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	93	70-130

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Client Sample ID: VMP-3-22-060413

Lab ID#: 1306126A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j061110**	**Date of Collection: 6/4/13 12:07:00 PM**	
Dil. Factor:	**2.85**	**Date of Analysis: 6/11/13 01:42 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.54 J	7.0	2.6 J
Freon 114	1.4	Not Detected	10	Not Detected
Chloromethane	14	3.7 J	29	7.6 J
Vinyl Chloride	1.4	Not Detected	3.6	Not Detected
1,3-Butadiene	1.4	Not Detected	3.2	Not Detected
Bromomethane	14	Not Detected	55	Not Detected
Chloroethane	5.7	Not Detected	15	Not Detected
Freon 11	1.4	0.31 J	8.0	1.8 J
Ethanol	5.7	4.4 J	11	8.2 J
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Acetone	14	31	34	74
2-Propanol	5.7	1.0 J	14	2.6 J
Carbon Disulfide	5.7	~~1.2 J~~ U	18	~~3.6 J~~ U
3-Chloropropene	5.7	Not Detected	18	Not Detected
Methylene Chloride	14	0.48 J	50	1.7 J
Methyl tert-butyl ether	1.4	Not Detected	5.1	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Hexane	1.4	0.60 J	5.0	2.1 J
1,1-Dichloroethane	1.4	Not Detected	5.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.7	4.0 J	17	12 J
cis-1,2-Dichloroethene	1.4	Not Detected	5.6	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.2	Not Detected
Chloroform	1.4	8.7	7.0	42
1,1,1-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Cyclohexane	1.4	Not Detected	4.9	Not Detected
Carbon Tetrachloride	1.4	Not Detected	9.0	Not Detected
2,2,4-Trimethylpentane	1.4	~~0.28 J~~ U	6.6	~~1.3 J~~ U
Benzene	1.4	0.80 J	4.6	2.6 J
1,2-Dichloroethane	1.4	Not Detected	5.8	Not Detected
Heptane	1.4	0.38 J	5.8	1.6 J
Trichloroethene	1.4	Not Detected	7.6	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.6	Not Detected
1,4-Dioxane	5.7	Not Detected	20	Not Detected
Bromodichloromethane	1.4	Not Detected	9.5	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.5	Not Detected
4-Methyl-2-pentanone	1.4	Not Detected	5.8	Not Detected
Toluene	1.4	0.52 J	5.4	2.0 J
trans-1,3-Dichloropropene	1.4	~~0.35 J~~ U	6.5	~~1.6 J~~ U
1,1,2-Trichloroethane	1.4	Not Detected	7.8	Not Detected
Tetrachloroethene	1.4	1.2 J	9.7	8.5 J
2-Hexanone	5.7	Not Detected	23	Not Detected

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Client Sample ID: VMP-3-22-060413

Lab ID#: 1306126A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j061110**	**Date of Collection: 6/4/13 12:07:00 PM**	
Dil. Factor:	**2.85**	**Date of Analysis: 6/11/13 01:42 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	~~0.68~~ J U	6.6	~~3.1~~ J U
Ethyl Benzene	1.4	0.29 J	6.2	1.3 J
m,p-Xylene	1.4	0.40 J	6.2	1.7 J
o-Xylene	1.4	0.21 J	6.2	0.92 J
Styrene	1.4	Not Detected	6.1	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	Not Detected	7.0	Not Detected
1,1,2,2-Tetrachloroethane	1.4	~~0.17~~ J U	9.8	~~1.1~~ J U
Propylbenzene	1.4	Not Detected	7.0	Not Detected
4-Ethyltoluene	1.4	Not Detected	7.0	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.0	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,4-Dichlorobenzene	1.4	~~0.29~~ J U	8.6	~~1.7~~ J U
alpha-Chlorotoluene	1.4	Not Detected	7.4	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.6	Not Detected
1,2,4-Trichlorobenzene	5.7	Not Detected	42	Not Detected
Hexachlorobutadiene	5.7	Not Detected	61	Not Detected
Butane	5.7	3.6 J	14	8.5 J
Isopentane	5.7	2.7 J	17	8.1 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VMP-3-22-060413-Dup

Lab ID#: 1306126A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j061111**	**Date of Collection: 6/4/13 12:07:00 PM**	
Dil. Factor:	**2.95**	**Date of Analysis: 6/11/13 02:01 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.49 J	7.3	2.4 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	Not Detected	30	Not Detected
Vinyl Chloride	1.5	Not Detected	3.8	Not Detected
1,3-Butadiene	1.5	Not Detected	3.3	Not Detected
Bromomethane	15	Not Detected	57	Not Detected
Chloroethane	5.9	Not Detected	16	Not Detected
Freon 11	1.5	0.43 J	8.3	2.4 J
Ethanol	5.9	~~1.9 J~~ U	11	~~3.5 J~~ U
Freon 113	1.5	Not Detected	11	Not Detected
1,1-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Acetone	15	7.1 J	35	17 J
2-Propanol	5.9	Not Detected	14	Not Detected
Carbon Disulfide	5.9	~~1.2 J~~ U	18	~~3.7 J~~ U
3-Chloropropene	5.9	Not Detected	18	Not Detected
Methylene Chloride	15	0.45 J	51	1.6 J
Methyl tert-butyl ether	1.5	Not Detected	5.3	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Hexane	1.5	Not Detected	5.2	Not Detected
1,1-Dichloroethane	1.5	Not Detected	6.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.9	1.2 J	17	3.5 J
cis-1,2-Dichloroethene	1.5	Not Detected	5.8	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.3	Not Detected
Chloroform	1.5	8.7	7.2	42
1,1,1-Trichloroethane	1.5	Not Detected	8.0	Not Detected
Cyclohexane	1.5	Not Detected	5.1	Not Detected
Carbon Tetrachloride	1.5	Not Detected	9.3	Not Detected
2,2,4-Trimethylpentane	1.5	~~0.23 J~~ U	6.9	~~1.1 J~~ U
Benzene	1.5	0.66 J	4.7	2.1 J
1,2-Dichloroethane	1.5	Not Detected	6.0	Not Detected
Heptane	1.5	0.50 J	6.0	2.0 J
Trichloroethene	1.5	Not Detected	7.9	Not Detected
1,2-Dichloropropane	1.5	Not Detected	6.8	Not Detected
1,4-Dioxane	5.9	Not Detected	21	Not Detected
Bromodichloromethane	1.5	Not Detected	9.9	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.7	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.0	Not Detected
Toluene	1.5	~~0.35 J~~ U	5.6	~~1.3 J~~ U
trans-1,3-Dichloropropene	1.5	Not Detected	6.7	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.0	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	5.9	Not Detected	24	Not Detected

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Client Sample ID: VMP-3-22-060413-Dup

Lab ID#: 1306126A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j061111**	**Date of Collection: 6/4/13 12:07:00 PM**	
Dil. Factor:	**2.95**	**Date of Analysis: 6/11/13 02:01 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	11	Not Detected
Chlorobenzene	1.5	~~0.66 J~~ U	6.8	~~3.0 J~~ U
Ethyl Benzene	1.5	Not Detected	6.4	Not Detected
m,p-Xylene	1.5	Not Detected	6.4	Not Detected
o-Xylene	1.5	Not Detected	6.4	Not Detected
Styrene	1.5	Not Detected	6.3	Not Detected
Bromoform	1.5	Not Detected	15	Not Detected
Cumene	1.5	Not Detected	7.2	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.2	Not Detected
4-Ethyltoluene	1.5	Not Detected	7.2	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.2	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.2	Not Detected
1,3-Dichlorobenzene	1.5	Not Detected	8.9	Not Detected
1,4-Dichlorobenzene	1.5	Not Detected	8.9	Not Detected
alpha-Chlorotoluene	1.5	Not Detected	7.6	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	8.9	Not Detected
1,2,4-Trichlorobenzene	5.9	Not Detected	44	Not Detected
Hexachlorobutadiene	5.9	Not Detected	63	Not Detected
Butane	5.9	3.4 J	14	8.0 J
Isopentane	5.9	2.6 J	17	7.8 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: VMP-7-5-060613

Lab ID#: 1306126A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j061112	Date of Collection:	6/6/13 10:14:00 AM
Dil. Factor:	2.89	Date of Analysis:	6/11/13 02:22 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.4	0.50 J	7.1	2.5 J
Freon 114	1.4	Not Detected	10	Not Detected
Chloromethane	14	Not Detected	30	Not Detected
Vinyl Chloride	1.4	Not Detected	3.7	Not Detected
1,3-Butadiene	1.4	Not Detected	3.2	Not Detected
Bromomethane	14	Not Detected	56	Not Detected
Chloroethane	5.8	Not Detected	15	Not Detected
Freon 11	1.4	Not Detected	8.1	Not Detected
Ethanol	5.8	3.7 J	11	7.0 J
Freon 113	1.4	Not Detected	11	Not Detected
1,1-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Acetone	14	16	34	39
2-Propanol	5.8	3.4 J	14	8.3 J
Carbon Disulfide	5.8	~~1.9 J~~ U	18	~~5.9 J~~ U
3-Chloropropene	5.8	Not Detected	18	Not Detected
Methylene Chloride	14	0.52 J	50	1.8 J
Methyl tert-butyl ether	1.4	Not Detected	5.2	Not Detected
trans-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Hexane	1.4	1.6	5.1	5.8
1,1-Dichloroethane	1.4	Not Detected	5.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.8	19	17	55
cis-1,2-Dichloroethene	1.4	Not Detected	5.7	Not Detected
Tetrahydrofuran	1.4	Not Detected	4.3	Not Detected
Chloroform	1.4	0.45 J	7.0	2.2 J
1,1,1-Trichloroethane	1.4	Not Detected	7.9	Not Detected
Cyclohexane	1.4	2.1	5.0	7.4
Carbon Tetrachloride	1.4	Not Detected	9.1	Not Detected
2,2,4-Trimethylpentane	1.4	30	6.8	140
Benzene	1.4	0.84 J	4.6	2.7 J
1,2-Dichloroethane	1.4	Not Detected	5.8	Not Detected
Heptane	1.4	0.94 J	5.9	3.8 J
Trichloroethene	1.4	Not Detected	7.8	Not Detected
1,2-Dichloropropane	1.4	Not Detected	6.7	Not Detected
1,4-Dioxane	5.8	Not Detected	21	Not Detected
Bromodichloromethane	1.4	Not Detected	9.7	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected	6.6	Not Detected
4-Methyl-2-pentanone	1.4	1.3 J	5.9	5.4 J
Toluene	1.4	~~0.42 J~~ U	5.4	~~1.6 J~~ U
trans-1,3-Dichloropropene	1.4	Not Detected	6.6	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected	7.9	Not Detected
Tetrachloroethene	1.4	Not Detected	9.8	Not Detected
2-Hexanone	5.8	Not Detected	24	Not Detected

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Client Sample ID: VMP-7-5-060613

Lab ID#: 1306126A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j061112**	**Date of Collection: 6/6/13 10:14:00 AM**	
Dil. Factor:	**2.89**	**Date of Analysis: 6/11/13 02:22 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.4	Not Detected	12	Not Detected
1,2-Dibromoethane (EDB)	1.4	Not Detected	11	Not Detected
Chlorobenzene	1.4	~~0.70 J~~ UL	6.6	~~3.2 J~~ UL
Ethyl Benzene	1.4	Not Detected	6.3	Not Detected
m,p-Xylene	1.4	Not Detected	6.3	Not Detected
o-Xylene	1.4	Not Detected	6.3	Not Detected
Styrene	1.4	Not Detected	6.2	Not Detected
Bromoform	1.4	Not Detected	15	Not Detected
Cumene	1.4	Not Detected	7.1	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected	9.9	Not Detected
Propylbenzene	1.4	Not Detected	7.1	Not Detected
4-Ethyltoluene	1.4	0.14 J	7.1	0.69 J
1,3,5-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected	8.7	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected	8.7	Not Detected
alpha-Chlorotoluene	1.4	Not Detected	7.5	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected	8.7	Not Detected
1,2,4-Trichlorobenzene	5.8	Not Detected	43	Not Detected
Hexachlorobutadiene	5.8	Not Detected	62	Not Detected
Butane	5.8	27	14	65
Isopentane	5.8	68	17	200

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: VMP-7-13.5-060513

Lab ID#: 1306126A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j061113**	**Date of Collection: 6/5/13 2:59:00 PM**	
Dil. Factor:	**3.12**	**Date of Analysis: 6/11/13 02:42 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.50 J	7.7	2.5 J
Freon 114	1.6	Not Detected	11	Not Detected
Chloromethane	16	Not Detected	32	Not Detected
Vinyl Chloride	1.6	Not Detected	4.0	Not Detected
1,3-Butadiene	1.6	Not Detected	3.4	Not Detected
Bromomethane	16	Not Detected	60	Not Detected
Chloroethane	6.2	Not Detected	16	Not Detected
Freon 11	1.6	0.40 J	8.8	2.2 J
Ethanol	6.2	~~1.0 J~~ U	12	~~1.9 J~~ U
Freon 113	1.6	Not Detected	12	Not Detected
1,1-Dichloroethene	1.6	Not Detected	6.2	Not Detected
Acetone	16	9.2 J	37	22 J
2-Propanol	6.2	Not Detected	15	Not Detected
Carbon Disulfide	6.2	~~1.1 J~~ U	19	~~3.5 J~~ U
3-Chloropropene	6.2	Not Detected	20	Not Detected
Methylene Chloride	16	Not Detected	54	Not Detected
Methyl tert-butyl ether	1.6	Not Detected	5.6	Not Detected
trans-1,2-Dichloroethene	1.6	Not Detected	6.2	Not Detected
Hexane	1.6	Not Detected	5.5	Not Detected
1,1-Dichloroethane	1.6	Not Detected	6.3	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.2	2.0 J	18	5.8 J
cis-1,2-Dichloroethene	1.6	Not Detected	6.2	Not Detected
Tetrahydrofuran	1.6	Not Detected	4.6	Not Detected
Chloroform	1.6	0.48 J	7.6	2.3 J
1,1,1-Trichloroethane	1.6	Not Detected	8.5	Not Detected
Cyclohexane	1.6	Not Detected	5.4	Not Detected
Carbon Tetrachloride	1.6	Not Detected	9.8	Not Detected
2,2,4-Trimethylpentane	1.6	2.2	7.3	10
Benzene	1.6	2.0	5.0	6.3
1,2-Dichloroethane	1.6	Not Detected	6.3	Not Detected
Heptane	1.6	Not Detected	6.4	Not Detected
Trichloroethene	1.6	Not Detected	8.4	Not Detected
1,2-Dichloropropane	1.6	Not Detected	7.2	Not Detected
1,4-Dioxane	6.2	Not Detected	22	Not Detected
Bromodichloromethane	1.6	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.6	Not Detected	7.1	Not Detected
4-Methyl-2-pentanone	1.6	Not Detected	6.4	Not Detected
Toluene	1.6	~~0.32 J~~ U	5.9	~~1.2 J~~ U
trans-1,3-Dichloropropene	1.6	Not Detected	7.1	Not Detected
1,1,2-Trichloroethane	1.6	Not Detected	8.5	Not Detected
Tetrachloroethene	1.6	Not Detected	10	Not Detected
2-Hexanone	6.2	Not Detected	26	Not Detected

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Client Sample ID: VMP-7-13.5-060513

Lab ID#: 1306126A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j061113**	**Date of Collection: 6/5/13 2:59:00 PM**	
Dil. Factor:	**3.12**	**Date of Analysis: 6/11/13 02:42 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.6	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.6	Not Detected	12	Not Detected
Chlorobenzene	1.6	~~0.66 J~~ U	7.2	~~3.0 J~~ U
Ethyl Benzene	1.6	Not Detected	6.8	Not Detected
m,p-Xylene	1.6	Not Detected	6.8	Not Detected
o-Xylene	1.6	Not Detected	6.8	Not Detected
Styrene	1.6	Not Detected	6.6	Not Detected
Bromoform	1.6	Not Detected	16	Not Detected
Cumene	1.6	Not Detected	7.7	Not Detected
1,1,2,2-Tetrachloroethane	1.6	Not Detected	11	Not Detected
Propylbenzene	1.6	Not Detected	7.7	Not Detected
4-Ethyltoluene	1.6	Not Detected	7.7	Not Detected
1,3,5-Trimethylbenzene	1.6	Not Detected	7.7	Not Detected
1,2,4-Trimethylbenzene	1.6	Not Detected	7.7	Not Detected
1,3-Dichlorobenzene	1.6	Not Detected	9.4	Not Detected
1,4-Dichlorobenzene	1.6	Not Detected	9.4	Not Detected
alpha-Chlorotoluene	1.6	Not Detected	8.1	Not Detected
1,2-Dichlorobenzene	1.6	Not Detected	9.4	Not Detected
1,2,4-Trichlorobenzene	6.2	Not Detected	46	Not Detected
Hexachlorobutadiene	6.2	Not Detected	66	Not Detected
Butane	6.2	5.8 J	15	14 J
Isopentane	6.2	14	18	42

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: VMP-7-29.5-060613

Lab ID#: 1306126A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j061114**	**Date of Collection: 6/6/13 11:02:00 AM**	
Dil. Factor:	**3.02**	**Date of Analysis: 6/11/13 03:09 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.49 J	7.5	2.4 J
Freon 114	1.5	Not Detected	10	Not Detected
Chloromethane	15	Not Detected	31	Not Detected
Vinyl Chloride	1.5	Not Detected	3.8	Not Detected
1,3-Butadiene	1.5	Not Detected	3.3	Not Detected
Bromomethane	15	Not Detected	59	Not Detected
Chloroethane	6.0	Not Detected	16	Not Detected
Freon 11	1.5	0.42 J	8.5	2.4 J
Ethanol	6.0	~~2.3 J~~ UL	11	~~4.4 J~~ UL
Freon 113	1.5	Not Detected	12	Not Detected
1,1-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Acetone	15	5.4 J	36	13 J
2-Propanol	6.0	Not Detected	15	Not Detected
Carbon Disulfide	6.0	~~2.0 J~~ UL	19	~~6.2 J~~ UL
3-Chloropropene	6.0	Not Detected	19	Not Detected
Methylene Chloride	15	Not Detected	52	Not Detected
Methyl tert-butyl ether	1.5	Not Detected	5.4	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Hexane	1.5	0.86 J	5.3	3.0 J
1,1-Dichloroethane	1.5	Not Detected	6.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.0	2.7 J	18	8.0 J
cis-1,2-Dichloroethene	1.5	Not Detected	6.0	Not Detected
Tetrahydrofuran	1.5	1.5	4.4	4.4
Chloroform	1.5	Not Detected	7.4	Not Detected
1,1,1-Trichloroethane	1.5	Not Detected	8.2	Not Detected
Cyclohexane	1.5	0.50 J	5.2	1.7 J
Carbon Tetrachloride	1.5	Not Detected	9.5	Not Detected
2,2,4-Trimethylpentane	1.5	1.4 J	7.0	6.3 J
Benzene	1.5	2.6	4.8	8.2
1,2-Dichloroethane	1.5	Not Detected	6.1	Not Detected
Heptane	1.5	0.62 J	6.2	2.5 J
Trichloroethene	1.5	Not Detected	8.1	Not Detected
1,2-Dichloropropane	1.5	Not Detected	7.0	Not Detected
1,4-Dioxane	6.0	Not Detected	22	Not Detected
Bromodichloromethane	1.5	Not Detected	10	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected	6.8	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.2	Not Detected
Toluene	1.5	~~0.42 J~~ UL	5.7	~~1.6 J~~ UL
trans-1,3-Dichloropropene	1.5	Not Detected	6.8	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.2	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	6.0	Not Detected	25	Not Detected

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Client Sample ID: VMP-7-29.5-060613

Lab ID#: 1306126A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j061114**	**Date of Collection: 6/6/13 11:02:00 AM**	
Dil. Factor:	**3.02**	**Date of Analysis: 6/11/13 03:09 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	12	Not Detected
Chlorobenzene	1.5	~~0.60 J~~ U	7.0	~~2.8 J~~ U
Ethyl Benzene	1.5	Not Detected	6.6	Not Detected
m,p-Xylene	1.5	Not Detected	6.6	Not Detected
o-Xylene	1.5	Not Detected	6.6	Not Detected
Styrene	1.5	Not Detected	6.4	Not Detected
Bromoform	1.5	Not Detected	16	Not Detected
Cumene	1.5	Not Detected	7.4	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	10	Not Detected
Propylbenzene	1.5	Not Detected	7.4	Not Detected
4-Ethyltoluene	1.5	Not Detected	7.4	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected	7.4	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.4	Not Detected
1,3-Dichlorobenzene	1.5	Not Detected	9.1	Not Detected
1,4-Dichlorobenzene	1.5	Not Detected	9.1	Not Detected
alpha-Chlorotoluene	1.5	Not Detected	7.8	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected	9.1	Not Detected
1,2,4-Trichlorobenzene	6.0	Not Detected	45	Not Detected
Hexachlorobutadiene	6.0	Not Detected	64	Not Detected
Butane	6.0	3.2 J	14	7.6 J
Isopentane	6.0	3.6 J	18	11 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VMP-7-38-060613

Lab ID#: 1306126A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j061115**	**Date of Collection: 6/6/13 12:04:00 PM**	
Dil. Factor:	**3.22**	**Date of Analysis: 6/11/13 03:32 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.51 J	8.0	2.5 J
Freon 114	1.6	Not Detected	11	Not Detected
Chloromethane	16	5.6 J	33	11 J
Vinyl Chloride	1.6	Not Detected	4.1	Not Detected
1,3-Butadiene	1.6	Not Detected	3.6	Not Detected
Bromomethane	16	Not Detected	62	Not Detected
Chloroethane	6.4	Not Detected	17	Not Detected
Freon 11	1.6	Not Detected	9.0	Not Detected
Ethanol	6.4	~~2.3 J~~ U	12	~~4.3 J~~ U
Freon 113	1.6	Not Detected	12	Not Detected
1,1-Dichloroethene	1.6	Not Detected	6.4	Not Detected
Acetone	16	8.6 J	38	20 J
2-Propanol	6.4	1.7 J	16	4.1 J
Carbon Disulfide	6.4	~~1.6 J~~ U	20	~~5.0 J~~ U
3-Chloropropene	6.4	Not Detected	20	Not Detected
Methylene Chloride	16	0.83 J	56	2.9 J
Methyl tert-butyl ether	1.6	Not Detected	5.8	Not Detected
trans-1,2-Dichloroethene	1.6	Not Detected	6.4	Not Detected
Hexane	1.6	0.82 J	5.7	2.9 J
1,1-Dichloroethane	1.6	Not Detected	6.5	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.4	12	19	34
cis-1,2-Dichloroethene	1.6	Not Detected	6.4	Not Detected
Tetrahydrofuran	1.6	Not Detected	4.7	Not Detected
Chloroform	1.6	19	7.9	92
1,1,1-Trichloroethane	1.6	Not Detected	8.8	Not Detected
Cyclohexane	1.6	0.50 J	5.5	1.7 J
Carbon Tetrachloride	1.6	Not Detected	10	Not Detected
2,2,4-Trimethylpentane	1.6	4.0	7.5	18
Benzene	1.6	0.68 J	5.1	2.2 J
1,2-Dichloroethane	1.6	Not Detected	6.5	Not Detected
Heptane	1.6	0.39 J	6.6	1.6 J
Trichloroethene	1.6	Not Detected	8.6	Not Detected
1,2-Dichloropropane	1.6	Not Detected	7.4	Not Detected
1,4-Dioxane	6.4	Not Detected	23	Not Detected
Bromodichloromethane	1.6	1.7	11	12
cis-1,3-Dichloropropene	1.6	Not Detected	7.3	Not Detected
4-Methyl-2-pentanone	1.6	0.93 J	6.6	3.8 J
Toluene	1.6	0.96 J	6.1	3.6 J
trans-1,3-Dichloropropene	1.6	~~0.38 J~~ U	7.3	~~1.7 J~~ U
1,1,2-Trichloroethane	1.6	Not Detected	8.8	Not Detected
Tetrachloroethene	1.6	Not Detected	11	Not Detected
2-Hexanone	6.4	Not Detected	26	Not Detected

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Client Sample ID: VMP-7-38-060613

Lab ID#: 1306126A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j061115**	**Date of Collection: 6/6/13 12:04:00 PM**	
Dil. Factor:	**3.22**	**Date of Analysis: 6/11/13 03:32 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.6	Not Detected	14	Not Detected
1,2-Dibromoethane (EDB)	1.6	Not Detected	12	Not Detected
Chlorobenzene	1.6	~~0.75~~ J	7.4	~~3.4~~ J
Ethyl Benzene	1.6	Not Detected	7.0	Not Detected
m,p-Xylene	1.6	0.46 J	7.0	2.0 J
o-Xylene	1.6	Not Detected	7.0	Not Detected
Styrene	1.6	Not Detected	6.8	Not Detected
Bromoform	1.6	Not Detected	17	Not Detected
Cumene	1.6	Not Detected	7.9	Not Detected
1,1,2,2-Tetrachloroethane	1.6	Not Detected	11	Not Detected
Propylbenzene	1.6	Not Detected	7.9	Not Detected
4-Ethyltoluene	1.6	Not Detected	7.9	Not Detected
1,3,5-Trimethylbenzene	1.6	Not Detected	7.9	Not Detected
1,2,4-Trimethylbenzene	1.6	Not Detected	7.9	Not Detected
1,3-Dichlorobenzene	1.6	Not Detected	9.7	Not Detected
1,4-Dichlorobenzene	1.6	Not Detected	9.7	Not Detected
alpha-Chlorotoluene	1.6	Not Detected	8.3	Not Detected
1,2-Dichlorobenzene	1.6	Not Detected	9.7	Not Detected
1,2,4-Trichlorobenzene	6.4	Not Detected	48	Not Detected
Hexachlorobutadiene	6.4	Not Detected	69	Not Detected
Butane	6.4	10	15	25
Isopentane	6.4	12	19	36

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	93	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1306126A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j061107c**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/11/13 11:55 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	0.76 J	3.8	1.4 J
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	0.46 J	6.2	1.4 J
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	0.14 J	2.3	0.65 J
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	0.16 J	2.7	0.89 J
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	0.094 J	1.9	0.36 J
trans-1,3-Dichloropropene	0.50	0.13 J	2.3	0.61 J
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1306126A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j061107c**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/11/13 11:55 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	0.14 J	3.8	1.1 J
Chlorobenzene	0.50	0.29 J	2.3	1.3 J
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	0.054 J	2.1	0.23 J
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	0.077 J	3.4	0.53 J
Propylbenzene	0.50	0.058 J	2.4	0.29 J
4-Ethyltoluene	0.50	0.069 J	2.4	0.34 J
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	0.15 J	3.0	0.92 J
1,4-Dichlorobenzene	0.50	0.16 J	3.0	0.96 J
alpha-Chlorotoluene	0.50	0.092 J	2.6	0.48 J
1,2-Dichlorobenzene	0.50	0.11 J	3.0	0.66 J
1,2,4-Trichlorobenzene	2.0	0.42 J	15	3.1 J
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Butane	2.0	Not Detected	4.8	Not Detected
Isopentane	2.0	Not Detected	5.9	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	89	70-130

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Client Sample ID: CCV

Lab ID#: 1306126A-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j061102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/11/13 09:22 AM**	

Compound	%Recovery
Freon 12	90
Freon 114	93
Chloromethane	90
Vinyl Chloride	100
1,3-Butadiene	98
Bromomethane	110
Chloroethane	100
Freon 11	90
Ethanol	95
Freon 113	92
1,1-Dichloroethene	93
Acetone	97
2-Propanol	94
Carbon Disulfide	93
3-Chloropropene	88
Methylene Chloride	92
Methyl tert-butyl ether	99
trans-1,2-Dichloroethene	91
Hexane	96
1,1-Dichloroethane	96
2-Butanone (Methyl Ethyl Ketone)	98
cis-1,2-Dichloroethene	90
Tetrahydrofuran	97
Chloroform	92
1,1,1-Trichloroethane	88
Cyclohexane	94
Carbon Tetrachloride	87
2,2,4-Trimethylpentane	95
Benzene	108
1,2-Dichloroethane	98
Heptane	107
Trichloroethene	98
1,2-Dichloropropane	105
1,4-Dioxane	108
Bromodichloromethane	96
cis-1,3-Dichloropropene	94
4-Methyl-2-pentanone	103
Toluene	98
trans-1,3-Dichloropropene	107
1,1,2-Trichloroethane	105
Tetrachloroethene	96
2-Hexanone	114

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Client Sample ID: CCV

Lab ID#: 1306126A-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j061102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/11/13 09:22 AM**	

Compound	%Recovery
Dibromochloromethane	99
1,2-Dibromoethane (EDB)	99
Chlorobenzene	88
Ethyl Benzene	98
m,p-Xylene	102
o-Xylene	99
Styrene	104
Bromoform	92
Cumene	98
1,1,2,2-Tetrachloroethane	97
Propylbenzene	98
4-Ethyltoluene	100
1,3,5-Trimethylbenzene	92
1,2,4-Trimethylbenzene	91
1,3-Dichlorobenzene	86
1,4-Dichlorobenzene	89
alpha-Chlorotoluene	102
1,2-Dichlorobenzene	90
1,2,4-Trichlorobenzene	84
Hexachlorobutadiene	86
Butane	107
Isopentane	97

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: LCS

Lab ID#: 1306126A-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j061103**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/11/13 09:57 AM**	

Compound	%Recovery
Freon 12	98
Freon 114	101
Chloromethane	98
Vinyl Chloride	100
1,3-Butadiene	97
Bromomethane	111
Chloroethane	106
Freon 11	96
Ethanol	86
Freon 113	100
1,1-Dichloroethene	104
Acetone	107
2-Propanol	107
Carbon Disulfide	124
3-Chloropropene	110
Methylene Chloride	98
Methyl tert-butyl ether	106
trans-1,2-Dichloroethene	108
Hexane	102
1,1-Dichloroethane	103
2-Butanone (Methyl Ethyl Ketone)	108
cis-1,2-Dichloroethene	94
Tetrahydrofuran	100
Chloroform	100
1,1,1-Trichloroethane	95
Cyclohexane	103
Carbon Tetrachloride	95
2,2,4-Trimethylpentane	101
Benzene	112
1,2-Dichloroethane	101
Heptane	109
Trichloroethene	107
1,2-Dichloropropane	107
1,4-Dioxane	108
Bromodichloromethane	101
cis-1,3-Dichloropropene	98
4-Methyl-2-pentanone	109
Toluene	103
trans-1,3-Dichloropropene	114
1,1,2-Trichloroethane	112
Tetrachloroethene	103
2-Hexanone	124

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Client Sample ID: LCS

Lab ID#: 1306126A-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j061103**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/11/13 09:57 AM**	

Compound	%Recovery
Dibromochloromethane	106
1,2-Dibromoethane (EDB)	108
Chlorobenzene	91
Ethyl Benzene	100
m,p-Xylene	110
o-Xylene	108
Styrene	110
Bromoform	97
Cumene	107
1,1,2,2-Tetrachloroethane	105
Propylbenzene	107
4-Ethyltoluene	103
1,3,5-Trimethylbenzene	97
1,2,4-Trimethylbenzene	96
1,3-Dichlorobenzene	92
1,4-Dichlorobenzene	94
alpha-Chlorotoluene	109
1,2-Dichlorobenzene	94
1,2,4-Trichlorobenzene	93
Hexachlorobutadiene	100
Butane	101
Isopentane	106

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: LCSD

Lab ID#: 1306126A-11AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j061104**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/11/13 10:26 AM**	

Compound	%Recovery
Freon 12	100
Freon 114	103
Chloromethane	99
Vinyl Chloride	112
1,3-Butadiene	108
Bromomethane	115
Chloroethane	108
Freon 11	97
Ethanol	89
Freon 113	102
1,1-Dichloroethene	106
Acetone	106
2-Propanol	106
Carbon Disulfide	128
3-Chloropropene	118
Methylene Chloride	101
Methyl tert-butyl ether	108
trans-1,2-Dichloroethene	113
Hexane	106
1,1-Dichloroethane	103
2-Butanone (Methyl Ethyl Ketone)	113
cis-1,2-Dichloroethene	97
Tetrahydrofuran	104
Chloroform	102
1,1,1-Trichloroethane	98
Cyclohexane	104
Carbon Tetrachloride	98
2,2,4-Trimethylpentane	103
Benzene	111
1,2-Dichloroethane	100
Heptane	110
Trichloroethene	102
1,2-Dichloropropane	107
1,4-Dioxane	107
Bromodichloromethane	100
cis-1,3-Dichloropropene	98
4-Methyl-2-pentanone	109
Toluene	101
trans-1,3-Dichloropropene	113
1,1,2-Trichloroethane	110
Tetrachloroethene	103
2-Hexanone	120

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Client Sample ID: LCSD

Lab ID#: 1306126A-11AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j061104**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/11/13 10:26 AM**	

Compound	%Recovery
Dibromochloromethane	104
1,2-Dibromoethane (EDB)	107
Chlorobenzene	95
Ethyl Benzene	104
m,p-Xylene	112
o-Xylene	107
Styrene	109
Bromoform	97
Cumene	106
1,1,2,2-Tetrachloroethane	104
Propylbenzene	105
4-Ethyltoluene	104
1,3,5-Trimethylbenzene	98
1,2,4-Trimethylbenzene	96
1,3-Dichlorobenzene	93
1,4-Dichlorobenzene	95
alpha-Chlorotoluene	108
1,2-Dichlorobenzene	93
1,2,4-Trichlorobenzene	99
Hexachlorobutadiene	99
Butane	109
Isopentane	105

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	98	70-130

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SC&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian
INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 06/06/13
PO #:
SAP #: 3 4 0 0 6 1
PAGE: 1 of 1

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE -- ROXANA
State: IL
GLOBAL ID NO.:
ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300, ST. LOUIS, MO 63110
LAB DELIVERABLES TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis
PHONE NO: 314-743-4179
E-MAIL: Elizabeth_Kunkel@URSCorp.com
CONSULTANT PROJECT NAME: Roxana Soil Vapor
LABORATORY ADDRESS: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
S. Fisher, B. Lehan, E. Arthur, M. Currier
TELEPHONE: 314-429-0100
FAX: 314-429-0462
SHELL CONTACT E-MAIL: Robert.Mooshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS)
☐ STANDARD (14 DAY) ☑ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

☐ IA - RWQCB REPORT FORMAT ☑ UST AGENCY:
DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

Turn Around Time: ☐ Normal ☑ Rush ☐ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946				
01A	VMP-3-5-060413	06/04/13	0940-1012	2081	-30	-11			X	X					
02A	VMP-3-10-060413	06/04/13	1034-1107	21025	-30	-10			X	X					
03A	VMP-3-22-060413	06/04/13	1137-1207	2140	-30	-9			X	X					
04A	VMP-3-22-060413-Dup	06/04/13	1137-1207	37709	-30	-10			X	X					
05A	VMP-7-5-060613	06/06/13	0942-1014	3054	-30	-10			X	X					
06A	VMP-7-13.5-060513	06/05/13	1426-1459	34667	-30	-10.5			X	X					
07A	VMP-7-29.5-060613	06/06/13	1035-1102	33636	-28	-10			X	X					
08A	VMP-7-38-060613	06/06/13	1132-1204	8018	-29.5	-10			X	X					

6/6/13

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP
- 5 DAY TURNAROUND TIME

1336126

Relinquished by (Signature)	Received by (Signature)	Date	Time
	FEDEX	6/6/13	1715
	ATL	6/7/13	1000

Fed Ex
Custody Seal Intact?
Y N None Temp NA

06/2006 Revision

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6/14/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #:
Workorder #: 1306126B

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 6/7/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

Reviewed
on
6/18/2013

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WORK ORDER #: 1306126B

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	Roxana Soil Vapor
DATE RECEIVED:	06/07/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	06/14/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-3-5-060413	Modified ASTM D-1946	10.6 "Hg	15.4 psi
02A	VMP-3-10-060413	Modified ASTM D-1946	10 "Hg	14.8 psi
03A	VMP-3-22-060413	Modified ASTM D-1946	8.8 "Hg	14.9 psi
04A	VMP-3-22-060413-Dup	Modified ASTM D-1946	9.6 "Hg	14.8 psi
05A	VMP-7-5-060613	Modified ASTM D-1946	9.2 "Hg	14.8 psi
06A	VMP-7-13.5-060513	Modified ASTM D-1946	10.4 "Hg	15.3 psi
07A	VMP-7-29.5-060613	Modified ASTM D-1946	10.4 "Hg	14.3 psi
08A	VMP-7-38-060613	Modified ASTM D-1946	10.8 "Hg	15.6 psi
09A	Lab Blank	Modified ASTM D-1946	NA	NA
09B	Lab Blank	Modified ASTM D-1946	NA	NA
10A	LCS	Modified ASTM D-1946	NA	NA
10AA	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 06/14/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified ASTM D-1946
URS Corporation
Workorder# 1306126B

Eight 1 Liter Summa Canister samples were received on June 07, 2013. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane and fixed gases in air using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Since Nitrogen is used to pressurize samples, the reported Nitrogen values are calculated by adding all the sample components and subtracting from 100%.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*ASTM D-1946*	*ATL Modifications*
Calibration	A single point calibration is performed using a reference standard elosely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The reporting limit for Nitrogen was raised from 0.10% to 0.50%.

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-3-5-060413

Lab ID#: 1306126B-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	18
Nitrogen	1.6	81
Methane	0.00032	0.00018 J
Carbon Dioxide	0.032	0.59
Helium	0.16	0.027 J

Client Sample ID: VMP-3-10-060413

Lab ID#: 1306126B-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	19
Nitrogen	1.5	79
Methane	0.00030	0.00020 J
Carbon Dioxide	0.030	1.6

Client Sample ID: VMP-3-22-060413

Lab ID#: 1306126B-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	19
Nitrogen	1.4	79
Methane	0.00028	0.000094 J
Carbon Dioxide	0.028	2.0
Helium	0.14	0.11 J

Client Sample ID: VMP-3-22-060413-Dup

Lab ID#: 1306126B-04A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	19
Nitrogen	1.5	79
Carbon Dioxide	0.030	2.0

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-3-22-060413-Dup

Lab ID#: 1306126B-04A

Helium	0.15	0.10 J

Client Sample ID: VMP-7-5-060613

Lab ID#: 1306126B-05A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	21
Nitrogen	1.4	79
Methane	0.00029	0.00022 J
Carbon Dioxide	0.029	0.22
Helium	0.14	0.030 J

Client Sample ID: VMP-7-13.5-060513

Lab ID#: 1306126B-06A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	21
Nitrogen	1.6	78
Methane	0.00031	0.00023 J
Carbon Dioxide	0.031	0.59
Helium	0.16	0.030 J

Client Sample ID: VMP-7-29.5-060613

Lab ID#: 1306126B-07A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	19
Nitrogen	1.5	79
Methane	0.00030	0.00012 J
Carbon Dioxide	0.030	2.2

Client Sample ID: VMP-7-38-060613

Lab ID#: 1306126B-08A

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-7-38-060613

Lab ID#: 1306126B-08A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	18
Nitrogen	1.6	78
Methane	0.00032	0.00014 J
Carbon Dioxide	0.032	4.0
Helium	0.16	0.10 J

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Client Sample ID: VMP-3-5-060413

Lab ID#: 1306126B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10061205**	**Date of Collection:**	**6/4/13 10:12:00 AM**
Dil. Factor:	**3.17**	**Date of Analysis:**	**6/12/13 12:37 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	18
Nitrogen	1.6	81
Carbon Monoxide	0.032	Not Detected
Methane	0.00032	0.00018 J
Carbon Dioxide	0.032	0.59
Ethane	0.0032	Not Detected
Ethene	0.0032	Not Detected
Helium	0.16	0.027 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-3-10-060413

Lab ID#: 1306126B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10061206**	**Date of Collection: 6/4/13 11:07:00 AM**	
Dil. Factor:	**3.01**	**Date of Analysis: 6/12/13 01:24 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	19
Nitrogen	1.5	79
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	0.00020 J
Carbon Dioxide	0.030	1.6
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-3-22-060413

Lab ID#: 1306126B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10061207**	**Date of Collection:**	**6/4/13 12:07:00 PM**
Dil. Factor:	**2.85**	**Date of Analysis:**	**6/12/13 01:52 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	19
Nitrogen	1.4	79
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	0.000094 J
Carbon Dioxide	0.028	2.0
Ethane	0.0028	Not Detected
Ethene	0.0028	Not Detected
Helium	0.14	0.11 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-3-22-060413-Dup

Lab ID#: 1306126B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10061208**	**Date of Collection: 6/4/13 12:07:00 PM**	
Dil. Factor:	**2.95**	**Date of Analysis: 6/12/13 02:20 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	19
Nitrogen	1.5	79
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	Not Detected
Carbon Dioxide	0.030	2.0
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	0.10 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-7-5-060613

Lab ID#: 1306126B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10061209**	**Date of Collection:**	**6/6/13 10:14:00 AM**
Dil. Factor:	**2.89**	**Date of Analysis:**	**6/12/13 02:51 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	21
Nitrogen	1.4	79
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	0.00022 J
Carbon Dioxide	0.029	0.22
Ethane	0.0029	Not Detected
Ethene	0.0029	Not Detected
Helium	0.14	0.030 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-7-13.5-060513

Lab ID#: 1306126B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10061210	Date of Collection:	6/5/13 2:59:00 PM
Dil. Factor:	3.12	Date of Analysis:	6/12/13 03:13 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	21
Nitrogen	1.6	78
Carbon Monoxide	0.031	Not Detected
Methane	0.00031	0.00023 J
Carbon Dioxide	0.031	0.59
Ethane	0.0031	Not Detected
Ethene	0.0031	Not Detected
Helium	0.16	0.030 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-7-29.5-060613

Lab ID#: 1306126B-07A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10061211**	**Date of Collection:**	**6/6/13 11:02:00 AM**
Dil. Factor:	**3.02**	**Date of Analysis:**	**6/12/13 03:40 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	19
Nitrogen	1.5	79
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	0.00012 J
Carbon Dioxide	0.030	2.2
Ethane	0.0030	Not Detected
Ethene	0.0030	Not Detected
Helium	0.15	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-7-38-060613

Lab ID#: 1306126B-08A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10061212**	**Date of Collection:**	**6/6/13 12:04:00 PM**
Dil. Factor:	**3.22**	**Date of Analysis:**	**6/12/13 04:08 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	18
Nitrogen	1.6	78
Carbon Monoxide	0.032	Not Detected
Methane	0.00032	0.00014 J
Carbon Dioxide	0.032	4.0
Ethane	0.0032	Not Detected
Ethene	0.0032	Not Detected
Helium	0.16	0.10 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: Lab Blank

Lab ID#: 1306126B-09A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10061204**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/13 11:18 AM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Oxygen	0.10	Not Detected
Nitrogen	0.50	Not Detected
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected
Ethane	0.0010	Not Detected
Ethene	0.0010	Not Detected

Container Type: NA - Not Applicable

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Client Sample ID: Lab Blank

Lab ID#: 1306126B-09B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10061203c**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/13 10:40 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.050	Not Detected

Container Type: NA - Not Applicable

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Client Sample ID: LCS

Lab ID#: 1306126B-10A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10061202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/13 09:41 AM**	

Compound	%Recovery
Oxygen	106
Nitrogen	100
Carbon Monoxide	99
Methane	99
Carbon Dioxide	101
Ethane	98
Ethene	99
Helium	100

Container Type: NA - Not Applicable

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Client Sample ID: LCSD

Lab ID#: 1306126B-10AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10061227**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/13 10:50 PM**	

Compound	%Recovery
Oxygen	102
Nitrogen	101
Carbon Monoxide	99
Methane	99
Carbon Dioxide	101
Ethane	98
Ethene	98
Helium	99

Container Type: NA - Not Applicable

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian

INCIDENT # (ENV SERVICES): 9 7 2 1 6 5 4 0 ☐ CHECK IF NO INCIDENT # APPLIES

PO #:

SAP #: 3 4 0 0 6 1

DATE: 06/06/13

PAGE: 1 of 1

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE -- ROXANA

State: IL

GLOBAL ID NO.:

ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300, ST. LOUIS, MO 63110

LAB DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis

PHONE NO: 314-743-4179

E-MAIL: Elizabeth.Kunkel@URSCorp.com

CONSULTANT PROJECT MANAGER: Roxana Soil Vapor

LAB DELIVERABLE TO (Name, Company, Office Location): S Fisher, B. Lehan E Arthur M. Currier

Attention: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719

TELEPHONE: 314-429-0100

FAX: 314-429-0462

E-MAIL TO CONSULTANT: Robert.Mooshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☐ STANDARD (14 DAY) ☑ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Hellium	ASTM D-1946				
01A	VMP-3-5-060413	06/04/13	0940-1012	2081	-30	-11			X	X					
02A	VMP-3-10-060413	06/04/13	1034-1107	21025	-30	-10			X	X					
03A	VMP-3-22-060413	06/04/13	1137-1207	2140	-30	-9			X	X					
04A	VMP-3-22-060413-Dup	06/04/13	1137-1207	37709	-30	-10			X	X					
05A	VMP-7-5-060613	06/06/13	0942-1014	3054	-30	-10			X	X					
06A	VMP-7-13.5-060513	06/05/13	1426-1459	34867	-30	-10.5			X	X					
07A	VMP-7-29.5-060613	06/06/13	1035-1102	33636	-29	-10			X	X					
08A	VMP-7-38-060613	06/06/13	1132-1204	9018	-29.5	-10			X	X					

Turn Around Time: ☐ Normal ☑ Rush ☐ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

ADDITIONAL NOTES:

- 14 day hold time
- Report results belween MDL and RL
- Level IV ECVP
- 5 DAY TURNAROUND TIME

1306126

Relinquished by (Signature)	Received by (Signature)	Date	Time
	FEDEX	6/6/13	1715
	ATL	6/7/13	1000

Custody Seal Intact?
(Y) N None Temp 4.5

05/2/06 Revision

Roxana Soil Vapor Quarterly – 2nd Quarter 2013 Data Review

Laboratory SDG: 1306133A,B

Data Reviewer: Melissa Mansker

Peer Reviewer: Elizabeth Kunkel

Date Reviewed: 6/14/2013

Guidance: USEPA National Functional Guidelines for Superfund Organic Methods Data Review 2008

Sample Identification	Sample Identification
VMP-3-31.5-060413	VMP-3-39-060413
VMP-47-5-060513	VMP-47-10-060513
VMP-47-20-060513	VMP-47-20-060513-Dup
VMP-47-30-060513	

1.0 Data Package Completeness

Were all items delivered as specified in the QAPP and COC as appropriate?

Yes

2.0 Laboratory Case Narrative \ Cooler Receipt Form

Were problems noted in the laboratory case narrative or cooler receipt form?

Yes, the laboratory case narrative indicated samples were diluted due to high levels of target analytes. Although not indicated in the laboratory case narrative, analytes were detected in the method blank. These issues are addressed further in the appropriate sections below.

No issues or discrepancies were noted in the cooler receipt form.

3.0 Holding Times

Were samples extracted/analyzed within applicable limits?

Yes

4.0 Blank Contamination

Were any analytes detected in the Blanks?

Yes

Blank ID	Parameter	Analyte	Concentration/ Amount
1306133A-08A	TO-15	Ethanol	6.5 ppbv / 12 µg/m^3
1306133B-08A	Natural gases	Oxygen	0.025%
1306133B-08A	Natural gases	Nitrogen	0.11%

Analytical data that were reported non-detect or at concentrations greater than five times (5X) the associated blank concentration did not require qualification. No qualification of data was required.

5.0 Laboratory Control Sample

Were LCS recoveries within evaluation criteria?

Yes

6.0 Surrogate Recoveries

Were surrogate recoveries within evaluation criteria?

Yes

7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

Were MS/MSD samples analyzed as part of this SDG?

MS/MSD samples are not applicable for vapor samples, due to the inability to spike the samples.

8.0 Laboratory Duplicate Results

Were laboratory duplicate samples collected as part of this SDG?

No

9.0 Field Duplicate Results

Were field duplicate samples collected as part of this SDG?

Yes

Field ID	Field Duplicate ID
VMP-47-20-060513	VMP-47-20-060513-Dup

Were field duplicate sample RPDs within evaluation criteria?

Yes

10.0 Sample Dilutions

For samples that were diluted and nondetect, were undiluted results also reported?

Not applicable; analytes were detected in samples that were diluted.

11.0 Additional Qualifications

Were additional qualifications applied?

No

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6/13/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1306133A

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 6/7/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

Reviewed on
6/14/2013

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WORK ORDER #: 1306133A

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	06/07/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	06/13/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-3-31.5-060413	Modified TO-15	8.4 "Hg	15.3 psi
02A	VMP-3-39-060413	Modified TO-15	8 "Hg	15 psi
03A	VMP-47-5-060513	Modified TO-15	10 "Hg	14.6 psi
04A	VMP-47-10-060513	Modified TO-15	8.6 "Hg	15.6 psi
05A	VMP-47-20-060513	Modified TO-15	9 "Hg	15.3 psi
06A	VMP-47-20-060513-Dup	Modified TO-15	8 "Hg	14.8 psi
07A	VMP-47-30-060513	Modified TO-15	9.4 "Hg	14.8 psi
08A	Lab Blank	Modified TO-15	NA	NA
09A	CCV	Modified TO-15	NA	NA
10A	LCS	Modified TO-15	NA	NA
10AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 06/13/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
URS Corporation
Workorder# 1306133A

Seven 1 Liter Summa Canister samples were received on June 07, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Funetional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per client project requirements, the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

Dilution was performed on samples VMP-3-31.5-060413, VMP-3-39-060413, VMP-47-5-060513, VMP-47-10-060513, VMP-47-20-060513, VMP-47-20-060513-Dup and VMP-47-30-060513 due to the presence of high level target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS

Client Sample ID: VMP-3-31.5-060413

Lab ID#: 1306133A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloroethane	5700	570 J	15000	1500 J
Hexane	1400	28000	5000	99000
Cyclohexane	1400	9200	4900	32000
2,2,4-Trimethylpentane	1400	360000	6600	1700000
Benzene	1400	1200 J	4500	3900 J
Ethyl Benzene	1400	690 J	6100	3000 J
m,p-Xylene	1400	2000	6100	8900
4-Ethyltoluene	1400	820 J	7000	4000 J
1,2,4-Trimethylbenzene	1400	700 J	7000	3400 J
Butane	5700	500000	13000	1200000
Isopentane	5700	890000	17000	2600000

Client Sample ID: VMP-3-39-060413

Lab ID#: 1306133A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Hexane	1400	76000	4800	270000
Cyclohexane	1400	16000	4700	54000
2,2,4-Trimethylpentane	1400	380000	6400	1800000
Benzene	1400	3500	4400	11000
Ethyl Benzene	1400	1000 J	6000	4400 J
m,p-Xylene	1400	2100	6000	9200
4-Ethyltoluene	1400	540 J	6800	2600 J
Butane	5500	710000	13000	1700000
Isopentane	5500	920000	16000	2700000

Client Sample ID: VMP-47-5-060513

Lab ID#: 1306133A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	12000	1800 J	30000	4400 J
Hexane	3100	7900	11000	28000
Cyclohexane	3100	12000	11000	43000

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS

Client Sample ID: VMP-47-5-060513

Lab ID#: 1306133A-03A

2,2,4-Trimethylpentane	3100	190000	14000	880000
Benzene	3100	2000 J	10000	6300 J
Ethyl Benzene	3100	1200 J	14000	5500 J
m,p-Xylene	3100	4200	14000	18000
4-Ethyltoluene	3100	1600 J	15000	7800 J
1,2,4-Trimethylbenzene	3100	1300 J	15000	6600 J
Butane	12000	960000	30000	2300000
Isopentane	12000	1700000	37000	5100000

Client Sample ID: VMP-47-10-060513

Lab ID#: 1306133A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Hexane	2900	3500	10000	12000
Cyclohexane	2900	9700	9900	33000
2,2,4-Trimethylpentane	2900	140000	13000	670000
m,p-Xylene	2900	1600 J	12000	7000 J
Butane	12000	870000	27000	2100000
Isopentane	12000	1600000	34000	4600000

Client Sample ID: VMP-47-20-060513

Lab ID#: 1306133A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Hexane	2900	3000	10000	10000
Cyclohexane	2900	11000	10000	38000
2,2,4-Trimethylpentane	2900	150000	14000	700000
m,p-Xylene	2900	1300 J	13000	5800 J
Butane	12000	1000000	28000	2500000
Isopentane	12000	1700000	34000	5000000

Client Sample ID: VMP-47-20-060513-Dup

Lab ID#: 1306133A-06A

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS

Client Sample ID: VMP-47-20-060513-Dup

Lab ID#: 1306133A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Hexane	2700	3100	9600	11000
Cyclohexane	2700	11000	9400	38000
2,2,4-Trimethylpentane	2700	150000	13000	690000
m,p-Xylene	2700	700 J	12000	3000 J
Butane	11000	1000000	26000	2400000
Isopentane	11000	1700000	32000	5000000

Client Sample ID: VMP-47-30-060513

Lab ID#: 1306133A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Hexane	2900	3300	10000	12000
Cyclohexane	2900	13000	10000	44000
2,2,4-Trimethylpentane	2900	170000	14000	810000
Butane	12000	940000	28000	2200000
Isopentane	12000	2000000	34000	6000000

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Client Sample ID: VMP-3-31.5-060413

Lab ID#: 1306133A-01A

EPA METHOD TO-15 GC/MS

File Name:	**14061213**	**Date of Collection: 6/4/13 2:38:00 PM**	
Dil. Factor:	**283**	**Date of Analysis: 6/12/13 06:12 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1400	Not Detected	7000	Not Detected
Freon 114	1400	Not Detected	9900	Not Detected
Chloromethane	5700	Not Detected	12000	Not Detected
Vinyl Chloride	1400	Not Detected	3600	Not Detected
1,3-Butadiene	1400	Not Detected	3100	Not Detected
Bromomethane	1400	Not Detected	5500	Not Detected
Chloroethane	5700	570 J	15000	1500 J
Freon 11	1400	Not Detected	8000	Not Detected
Ethanol	5700	Not Detected	11000	Not Detected
Freon 113	1400	Not Detected	11000	Not Detected
1,1-Dichloroethene	1400	Not Detected	5600	Not Detected
Acetone	5700	Not Detected	13000	Not Detected
2-Propanol	5700	Not Detected	14000	Not Detected
Carbon Disulfide	1400	Not Detected	4400	Not Detected
3-Chloropropene	5700	Not Detected	18000	Not Detected
Methylene Chloride	1400	Not Detected	4900	Not Detected
Methyl tert-butyl ether	1400	Not Detected	5100	Not Detected
trans-1,2-Dichloroethene	1400	Not Detected	5600	Not Detected
Hexane	1400	28000	5000	99000
1,1-Dichloroethane	1400	Not Detected	5700	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5700	Not Detected	17000	Not Detected
cis-1,2-Dichloroethene	1400	Not Detected	5600	Not Detected
Tetrahydrofuran	1400	Not Detected	4200	Not Detected
Chloroform	1400	Not Detected	6900	Not Detected
1,1,1-Trichloroethane	1400	Not Detected	7700	Not Detected
Cyclohexane	1400	9200	4900	32000
Carbon Tetrachloride	1400	Not Detected	8900	Not Detected
2,2,4-Trimethylpentane	1400	360000	6600	1700000
Benzene	1400	1200 J	4500	3900 J
1,2-Dichloroethane	1400	Not Detected	5700	Not Detected
Heptane	1400	Not Detected	5800	Not Detected
Trichloroethene	1400	Not Detected	7600	Not Detected
1,2-Dichloropropane	1400	Not Detected	6500	Not Detected
1,4-Dioxane	5700	Not Detected	20000	Not Detected
Bromodichloromethane	1400	Not Detected	9500	Not Detected
cis-1,3-Dichloropropene	1400	Not Detected	6400	Not Detected
4-Methyl-2-pentanone	1400	Not Detected	5800	Not Detected
Toluene	1400	Not Detected	5300	Not Detected
trans-1,3-Dichloropropene	1400	Not Detected	6400	Not Detected
1,1,2-Trichloroethane	1400	Not Detected	7700	Not Detected
Tetrachloroethene	1400	Not Detected	9600	Not Detected
2-Hexanone	5700	Not Detected	23000	Not Detected

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Client Sample ID: VMP-3-31.5-060413

Lab ID#: 1306133A-01A

EPA METHOD TO-15 GC/MS

File Name:	**14061213**	**Date of Collection: 6/4/13 2:38:00 PM**	
Dil. Factor:	**283**	**Date of Analysis: 6/12/13 06:12 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1400	Not Detected	12000	Not Detected
1,2-Dibromoethane (EDB)	1400	Not Detected	11000	Not Detected
Chlorobenzene	1400	Not Detected	6500	Not Detected
Ethyl Benzene	1400	690 J	6100	3000 J
m,p-Xylene	1400	2000	6100	8900
o-Xylene	1400	Not Detected	6100	Not Detected
Styrene	1400	Not Detected	6000	Not Detected
Bromoform	1400	Not Detected	15000	Not Detected
Cumene	1400	Not Detected	7000	Not Detected
1,1,2,2-Tetrachloroethane	1400	Not Detected	9700	Not Detected
Propylbenzene	1400	Not Detected	7000	Not Detected
4-Ethyltoluene	1400	820 J	7000	4000 J
1,3,5-Trimethylbenzene	1400	Not Detected	7000	Not Detected
1,2,4-Trimethylbenzene	1400	700 J	7000	3400 J
1,3-Dichlorobenzene	1400	Not Detected	8500	Not Detected
1,4-Dichlorobenzene	1400	Not Detected	8500	Not Detected
alpha-Chlorotoluene	1400	Not Detected	7300	Not Detected
1,2-Dichlorobenzene	1400	Not Detected	8500	Not Detected
1,2,4-Trichlorobenzene	5700	Not Detected	42000	Not Detected
Hexachlorobutadiene	5700	Not Detected	60000	Not Detected
Butane	5700	500000	13000	1200000
Isopentane	5700	890000	17000	2600000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VMP-3-39-060413

Lab ID#: 1306133A-02A

EPA METHOD TO-15 GC/MS

File Name:	**14061214**	**Date of Collection: 6/4/13 3:31:00 PM**	
Dil. Factor:	**275**	**Date of Analysis: 6/12/13 06:58 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1400	Not Detected	6800	Not Detected
Freon 114	1400	Not Detected	9600	Not Detected
Chloromethane	5500	Not Detected	11000	Not Detected
Vinyl Chloride	1400	Not Detected	3500	Not Detected
1,3-Butadiene	1400	Not Detected	3000	Not Detected
Bromomethane	1400	Not Detected	5300	Not Detected
Chloroethane	5500	Not Detected	14000	Not Detected
Freon 11	1400	Not Detected	7700	Not Detected
Ethanol	5500	Not Detected	10000	Not Detected
Freon 113	1400	Not Detected	10000	Not Detected
1,1-Dichloroethene	1400	Not Detected	5400	Not Detected
Acetone	5500	Not Detected	13000	Not Detected
2-Propanol	5500	Not Detected	14000	Not Detected
Carbon Disulfide	1400	Not Detected	4300	Not Detected
3-Chloropropene	5500	Not Detected	17000	Not Detected
Methylene Chloride	1400	Not Detected	4800	Not Detected
Methyl tert-butyl ether	1400	Not Detected	5000	Not Detected
trans-1,2-Dichloroethene	1400	Not Detected	5400	Not Detected
Hexane	1400	76000	4800	270000
1,1-Dichloroethane	1400	Not Detected	5600	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5500	Not Detected	16000	Not Detected
cis-1,2-Dichloroethene	1400	Not Detected	5400	Not Detected
Tetrahydrofuran	1400	Not Detected	4000	Not Detected
Chloroform	1400	Not Detected	6700	Not Detected
1,1,1-Trichloroethane	1400	Not Detected	7500	Not Detected
Cyclohexane	1400	16000	4700	54000
Carbon Tetrachloride	1400	Not Detected	8600	Not Detected
2,2,4-Trimethylpentane	1400	380000	6400	1800000
Benzene	1400	3500	4400	11000
1,2-Dichloroethane	1400	Not Detected	5600	Not Detected
Heptane	1400	Not Detected	5600	Not Detected
Trichloroethene	1400	Not Detected	7400	Not Detected
1,2-Dichloropropane	1400	Not Detected	6400	Not Detected
1,4-Dioxane	5500	Not Detected	20000	Not Detected
Bromodichloromethane	1400	Not Detected	9200	Not Detected
cis-1,3-Dichloropropene	1400	Not Detected	6200	Not Detected
4-Methyl-2-pentanone	1400	Not Detected	5600	Not Detected
Toluene	1400	Not Detected	5200	Not Detected
trans-1,3-Dichloropropene	1400	Not Detected	6200	Not Detected
1,1,2-Trichloroethane	1400	Not Detected	7500	Not Detected
Tetrachloroethene	1400	Not Detected	9300	Not Detected
2-Hexanone	5500	Not Detected	22000	Not Detected

Client Sample ID: VMP-3-39-060413

Lab ID#: 1306133A-02A

EPA METHOD TO-15 GC/MS

File Name:	**14061214**	**Date of Collection:**	**6/4/13 3:31:00 PM**
Dil. Factor:	**275**	**Date of Analysis:**	**6/12/13 06:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1400	Not Detected	12000	Not Detected
1,2-Dibromoethane (EDB)	1400	Not Detected	10000	Not Detected
Chlorobenzene	1400	Not Detected	6300	Not Detected
Ethyl Benzene	1400	1000 J	6000	4400 J
m,p-Xylene	1400	2100	6000	9200
o-Xylene	1400	Not Detected	6000	Not Detected
Styrene	1400	Not Detected	5800	Not Detected
Bromoform	1400	Not Detected	14000	Not Detected
Cumene	1400	Not Detected	6800	Not Detected
1,1,2,2-Tetrachloroethane	1400	Not Detected	9400	Not Detected
Propylbenzene	1400	Not Detected	6800	Not Detected
4-Ethyltoluene	1400	540 J	6800	2600 J
1,3,5-Trimethylbenzene	1400	Not Detected	6800	Not Detected
1,2,4-Trimethylbenzene	1400	Not Detected	6800	Not Detected
1,3-Dichlorobenzene	1400	Not Detected	8300	Not Detected
1,4-Dichlorobenzene	1400	Not Detected	8300	Not Detected
alpha-Chlorotoluene	1400	Not Detected	7100	Not Detected
1,2-Dichlorobenzene	1400	Not Detected	8300	Not Detected
1,2,4-Trichlorobenzene	5500	Not Detected	41000	Not Detected
Hexachlorobutadiene	5500	Not Detected	59000	Not Detected
Butane	5500	710000	13000	1700000
Isopentane	5500	920000	16000	2700000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VMP-47-5-060513

Lab ID#: 1306133A-03A

EPA METHOD TO-15 GC/MS

File Name:	14061215	Date of Collection:	6/5/13 9:18:00 AM
Dil. Factor:	623	Date of Analysis:	6/12/13 07:31 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	3100	Not Detected	15000	Not Detected
Freon 114	3100	Not Detected	22000	Not Detected
Chloromethane	12000	Not Detected	26000	Not Detected
Vinyl Chloride	3100	Not Detected	8000	Not Detected
1,3-Butadiene	3100	Not Detected	6900	Not Detected
Bromomethane	3100	Not Detected	12000	Not Detected
Chloroethane	12000	Not Detected	33000	Not Detected
Freon 11	3100	Not Detected	18000	Not Detected
Ethanol	12000	Not Detected	23000	Not Detected
Freon 113	3100	Not Detected	24000	Not Detected
1,1-Dichloroethene	3100	Not Detected	12000	Not Detected
Acetone	12000	1800 J	30000	4400 J
2-Propanol	12000	Not Detected	31000	Not Detected
Carbon Disulfide	3100	Not Detected	9700	Not Detected
3-Chloropropene	12000	Not Detected	39000	Not Detected
Methylene Chloride	3100	Not Detected	11000	Not Detected
Methyl tert-butyl ether	3100	Not Detected	11000	Not Detected
trans-1,2-Dichloroethene	3100	Not Detected	12000	Not Detected
Hexane	3100	7900	11000	28000
1,1-Dichloroethane	3100	Not Detected	13000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	12000	Not Detected	37000	Not Detected
cis-1,2-Dichloroethene	3100	Not Detected	12000	Not Detected
Tetrahydrofuran	3100	Not Detected	9200	Not Detected
Chloroform	3100	Not Detected	15000	Not Detected
1,1,1-Trichloroethane	3100	Not Detected	17000	Not Detected
Cyclohexane	3100	12000	11000	43000
Carbon Tetrachloride	3100	Not Detected	20000	Not Detected
2,2,4-Trimethylpentane	3100	190000	14000	880000
Benzene	3100	2000 J	10000	6300 J
1,2-Dichloroethane	3100	Not Detected	13000	Not Detected
Heptane	3100	Not Detected	13000	Not Detected
Trichloroethene	3100	Not Detected	17000	Not Detected
1,2-Dichloropropane	3100	Not Detected	14000	Not Detected
1,4-Dioxane	12000	Not Detected	45000	Not Detected
Bromodichloromethane	3100	Not Detected	21000	Not Detected
cis-1,3-Dichloropropene	3100	Not Detected	14000	Not Detected
4-Methyl-2-pentanone	3100	Not Detected	13000	Not Detected
Toluene	3100	Not Detected	12000	Not Detected
trans-1,3-Dichloropropene	3100	Not Detected	14000	Not Detected
1,1,2-Trichloroethane	3100	Not Detected	17000	Not Detected
Tetrachloroethene	3100	Not Detected	21000	Not Detected
2-Hexanone	12000	Not Detected	51000	Not Detected

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Client Sample ID: VMP-47-5-060513

Lab ID#: 1306133A-03A

EPA METHOD TO-15 GC/MS

File Name:	**14061215**	**Date of Collection: 6/5/13 9:18:00 AM**	
Dil. Factor:	**623**	**Date of Analysis: 6/12/13 07:31 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	3100	Not Detected	26000	Not Detected
1,2-Dibromoethane (EDB)	3100	Not Detected	24000	Not Detected
Chlorobenzene	3100	Not Detected	14000	Not Detected
Ethyl Benzene	3100	1200 J	14000	5500 J
m,p-Xylene	3100	4200	14000	18000
o-Xylene	3100	Not Detected	14000	Not Detected
Styrene	3100	Not Detected	13000	Not Detected
Bromoform	3100	Not Detected	32000	Not Detected
Cumene	3100	Not Detected	15000	Not Detected
1,1,2,2-Tetrachloroethane	3100	Not Detected	21000	Not Detected
Propylbenzene	3100	Not Detected	15000	Not Detected
4-Ethyltoluene	3100	1600 J	15000	7800 J
1,3,5-Trimethylbenzene	3100	Not Detected	15000	Not Detected
1,2,4-Trimethylbenzene	3100	1300 J	15000	6600 J
1,3-Dichlorobenzene	3100	Not Detected	19000	Not Detected
1,4-Dichlorobenzene	3100	Not Detected	19000	Not Detected
alpha-Chlorotoluene	3100	Not Detected	16000	Not Detected
1,2-Dichlorobenzene	3100	Not Detected	19000	Not Detected
1,2,4-Trichlorobenzene	12000	Not Detected	92000	Not Detected
Hexachlorobutadiene	12000	Not Detected	130000	Not Detected
Butane	12000	960000	30000	2300000
Isopentane	12000	1700000	37000	5100000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: VMP-47-10-060513

Lab ID#: 1306133A-04A

EPA METHOD TO-15 GC/MS

File Name:	**14061216**	**Date of Collection: 6/5/13 10:25:00 AM**	
Dil. Factor:	**576**	**Date of Analysis: 6/12/13 07:59 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	2900	Not Detected	14000	Not Detected
Freon 114	2900	Not Detected	20000	Not Detected
Chloromethane	12000	Not Detected	24000	Not Detected
Vinyl Chloride	2900	Not Detected	7400	Not Detected
1,3-Butadiene	2900	Not Detected	6400	Not Detected
Bromomethane	2900	Not Detected	11000	Not Detected
Chloroethane	12000	Not Detected	30000	Not Detected
Freon 11	2900	Not Detected	16000	Not Detected
Ethanol	12000	Not Detected	22000	Not Detected
Freon 113	2900	Not Detected	22000	Not Detected
1,1-Dichloroethene	2900	Not Detected	11000	Not Detected
Acetone	12000	Not Detected	27000	Not Detected
2-Propanol	12000	Not Detected	28000	Not Detected
Carbon Disulfide	2900	Not Detected	9000	Not Detected
3-Chloropropene	12000	Not Detected	36000	Not Detected
Methylene Chloride	2900	Not Detected	10000	Not Detected
Methyl tert-butyl ether	2900	Not Detected	10000	Not Detected
trans-1,2-Dichloroethene	2900	Not Detected	11000	Not Detected
Hexane	2900	3500	10000	12000
1,1-Dichloroethane	2900	Not Detected	12000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	12000	Not Detected	34000	Not Detected
cis-1,2-Dichloroethene	2900	Not Detected	11000	Not Detected
Tetrahydrofuran	2900	Not Detected	8500	Not Detected
Chloroform	2900	Not Detected	14000	Not Detected
1,1,1-Trichloroethane	2900	Not Detected	16000	Not Detected
Cyclohexane	2900	9700	9900	33000
Carbon Tetrachloride	2900	Not Detected	18000	Not Detected
2,2,4-Trimethylpentane	2900	140000	13000	670000
Benzene	2900	Not Detected	9200	Not Detected
1,2-Dichloroethane	2900	Not Detected	12000	Not Detected
Heptane	2900	Not Detected	12000	Not Detected
Trichloroethene	2900	Not Detected	15000	Not Detected
1,2-Dichloropropane	2900	Not Detected	13000	Not Detected
1,4-Dioxane	12000	Not Detected	42000	Not Detected
Bromodichloromethane	2900	Not Detected	19000	Not Detected
cis-1,3-Dichloropropene	2900	Not Detected	13000	Not Detected
4-Methyl-2-pentanone	2900	Not Detected	12000	Not Detected
Toluene	2900	Not Detected	11000	Not Detected
trans-1,3-Dichloropropene	2900	Not Detected	13000	Not Detected
1,1,2-Trichloroethane	2900	Not Detected	16000	Not Detected
Tetrachloroethene	2900	Not Detected	20000	Not Detected
2-Hexanone	12000	Not Detected	47000	Not Detected

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Client Sample ID: VMP-47-10-060513

Lab ID#: 1306133A-04A

EPA METHOD TO-15 GC/MS

File Name:	**14061216**	**Date of Collection:**	**6/5/13 10:25:00 AM**
Dil. Factor:	**576**	**Date of Analysis:**	**6/12/13 07:59 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	2900	Not Detected	24000	Not Detected
1,2-Dibromoethane (EDB)	2900	Not Detected	22000	Not Detected
Chlorobenzene	2900	Not Detected	13000	Not Detected
Ethyl Benzene	2900	Not Detected	12000	Not Detected
m,p-Xylene	2900	1600 J	12000	7000 J
o-Xylene	2900	Not Detected	12000	Not Detected
Styrene	2900	Not Detected	12000	Not Detected
Bromoform	2900	Not Detected	30000	Not Detected
Cumene	2900	Not Detected	14000	Not Detected
1,1,2,2-Tetrachloroethane	2900	Not Detected	20000	Not Detected
Propylbenzene	2900	Not Detected	14000	Not Detected
4-Ethyltoluene	2900	Not Detected	14000	Not Detected
1,3,5-Trimethylbenzene	2900	Not Detected	14000	Not Detected
1,2,4-Trimethylbenzene	2900	Not Detected	14000	Not Detected
1,3-Dichlorobenzene	2900	Not Detected	17000	Not Detected
1,4-Dichlorobenzene	2900	Not Detected	17000	Not Detected
alpha-Chlorotoluene	2900	Not Detected	15000	Not Detected
1,2-Dichlorobenzene	2900	Not Detected	17000	Not Detected
1,2,4-Trichlorobenzene	12000	Not Detected	85000	Not Detected
Hexachlorobutadiene	12000	Not Detected	120000	Not Detected
Butane	12000	870000	27000	2100000
Isopentane	12000	1600000	34000	4600000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: VMP-47-20-060513

Lab ID#: 1306133A-05A

EPA METHOD TO-15 GC/MS

File Name:	**14061217**	**Date of Collection: 6/5/13 11:17:00 AM**	
Dil. Factor:	**582**	**Date of Analysis: 6/12/13 08:47 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	2900	Not Detected	14000	Not Detected
Freon 114	2900	Not Detected	20000	Not Detected
Chloromethane	12000	Not Detected	24000	Not Detected
Vinyl Chloride	2900	Not Detected	7400	Not Detected
1,3-Butadiene	2900	Not Detected	6400	Not Detected
Bromomethane	2900	Not Detected	11000	Not Detected
Chloroethane	12000	Not Detected	31000	Not Detected
Freon 11	2900	Not Detected	16000	Not Detected
Ethanol	12000	Not Detected	22000	Not Detected
Freon 113	2900	Not Detected	22000	Not Detected
1,1-Dichloroethene	2900	Not Detected	12000	Not Detected
Acetone	12000	Not Detected	28000	Not Detected
2-Propanol	12000	Not Detected	29000	Not Detected
Carbon Disulfide	2900	Not Detected	9100	Not Detected
3-Chloropropene	12000	Not Detected	36000	Not Detected
Methylene Chloride	2900	Not Detected	10000	Not Detected
Methyl tert-butyl ether	2900	Not Detected	10000	Not Detected
trans-1,2-Dichloroethene	2900	Not Detected	12000	Not Detected
Hexane	2900	3000	10000	10000
1,1-Dichloroethane	2900	Not Detected	12000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	12000	Not Detected	34000	Not Detected
cis-1,2-Dichloroethene	2900	Not Detected	12000	Not Detected
Tetrahydrofuran	2900	Not Detected	8600	Not Detected
Chloroform	2900	Not Detected	14000	Not Detected
1,1,1-Trichloroethane	2900	Not Detected	16000	Not Detected
Cyclohexane	2900	11000	10000	38000
Carbon Tetrachloride	2900	Not Detected	18000	Not Detected
2,2,4-Trimethylpentane	2900	150000	14000	700000
Benzene	2900	Not Detected	9300	Not Detected
1,2-Dichloroethane	2900	Not Detected	12000	Not Detected
Heptane	2900	Not Detected	12000	Not Detected
Trichloroethene	2900	Not Detected	16000	Not Detected
1,2-Dichloropropane	2900	Not Detected	13000	Not Detected
1,4-Dioxane	12000	Not Detected	42000	Not Detected
Bromodichloromethane	2900	Not Detected	19000	Not Detected
cis-1,3-Dichloropropene	2900	Not Detected	13000	Not Detected
4-Methyl-2-pentanone	2900	Not Detected	12000	Not Detected
Toluene	2900	Not Detected	11000	Not Detected
trans-1,3-Dichloropropene	2900	Not Detected	13000	Not Detected
1,1,2-Trichloroethane	2900	Not Detected	16000	Not Detected
Tetrachloroethene	2900	Not Detected	20000	Not Detected
2-Hexanone	12000	Not Detected	48000	Not Detected

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Client Sample ID: VMP-47-20-060513

Lab ID#: 1306133A-05A

EPA METHOD TO-15 GC/MS

File Name:	**14061217**	**Date of Collection: 6/5/13 11:17:00 AM**	
Dil. Factor:	**582**	**Date of Analysis: 6/12/13 08:47 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	2900	Not Detected	25000	Not Detected
1,2-Dibromoethane (EDB)	2900	Not Detected	22000	Not Detected
Chlorobenzene	2900	Not Detected	13000	Not Detected
Ethyl Benzene	2900	Not Detected	13000	Not Detected
m,p-Xylene	2900	1300 J	13000	5800 J
o-Xylene	2900	Not Detected	13000	Not Detected
Styrene	2900	Not Detected	12000	Not Detected
Bromoform	2900	Not Detected	30000	Not Detected
Cumene	2900	Not Detected	14000	Not Detected
1,1,2,2-Tetrachloroethane	2900	Not Detected	20000	Not Detected
Propylbenzene	2900	Not Detected	14000	Not Detected
4-Ethyltoluene	2900	Not Detected	14000	Not Detected
1,3,5-Trimethylbenzene	2900	Not Detected	14000	Not Detected
1,2,4-Trimethylbenzene	2900	Not Detected	14000	Not Detected
1,3-Dichlorobenzene	2900	Not Detected	17000	Not Detected
1,4-Dichlorobenzene	2900	Not Detected	17000	Not Detected
alpha-Chlorotoluene	2900	Not Detected	15000	Not Detected
1,2-Dichlorobenzene	2900	Not Detected	17000	Not Detected
1,2,4-Trichlorobenzene	12000	Not Detected	86000	Not Detected
Hexachlorobutadiene	12000	Not Detected	120000	Not Detected
Butane	12000	1000000	28000	2500000
Isopentane	12000	1700000	34000	5000000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: VMP-47-20-060513-Dup

Lab ID#: 1306133A-06A

EPA METHOD TO-15 GC/MS

File Name:	**14061221**	**Date of Collection: 6/5/13 11:17:00 AM**	
Dil. Factor:	**546**	**Date of Analysis: 6/12/13 10:40 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	2700	Not Detected	14000	Not Detected
Freon 114	2700	Not Detected	19000	Not Detected
Chloromethane	11000	Not Detected	22000	Not Detected
Vinyl Chloride	2700	Not Detected	7000	Not Detected
1,3-Butadiene	2700	Not Detected	6000	Not Detected
Bromomethane	2700	Not Detected	11000	Not Detected
Chloroethane	11000	Not Detected	29000	Not Detected
Freon 11	2700	Not Detected	15000	Not Detected
Ethanol	11000	Not Detected	20000	Not Detected
Freon 113	2700	Not Detected	21000	Not Detected
1,1-Dichloroethene	2700	Not Detected	11000	Not Detected
Acetone	11000	Not Detected	26000	Not Detected
2-Propanol	11000	Not Detected	27000	Not Detected
Carbon Disulfide	2700	Not Detected	8500	Not Detected
3-Chloropropene	11000	Not Detected	34000	Not Detected
Methylene Chloride	2700	Not Detected	9500	Not Detected
Methyl tert-butyl ether	2700	Not Detected	9800	Not Detected
trans-1,2-Dichloroethene	2700	Not Detected	11000	Not Detected
Hexane	2700	3100	9600	11000
1,1-Dichloroethane	2700	Not Detected	11000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	11000	Not Detected	32000	Not Detected
cis-1,2-Dichloroethene	2700	Not Detected	11000	Not Detected
Tetrahydrofuran	2700	Not Detected	8000	Not Detected
Chloroform	2700	Not Detected	13000	Not Detected
1,1,1-Trichloroethane	2700	Not Detected	15000	Not Detected
Cyclohexane	2700	11000	9400	38000
Carbon Tetrachloride	2700	Not Detected	17000	Not Detected
2,2,4-Trimethylpentane	2700	150000	13000	690000
Benzene	2700	Not Detected	8700	Not Detected
1,2-Dichloroethane	2700	Not Detected	11000	Not Detected
Heptane	2700	Not Detected	11000	Not Detected
Trichloroethene	2700	Not Detected	15000	Not Detected
1,2-Dichloropropane	2700	Not Detected	13000	Not Detected
1,4-Dioxane	11000	Not Detected	39000	Not Detected
Bromodichloromethane	2700	Not Detected	18000	Not Detected
cis-1,3-Dichloropropene	2700	Not Detected	12000	Not Detected
4-Methyl-2-pentanone	2700	Not Detected	11000	Not Detected
Toluene	2700	Not Detected	10000	Not Detected
trans-1,3-Dichloropropene	2700	Not Detected	12000	Not Detected
1,1,2-Trichloroethane	2700	Not Detected	15000	Not Detected
Tetrachloroethene	2700	Not Detected	18000	Not Detected
2-Hexanone	11000	Not Detected	45000	Not Detected

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Client Sample ID: VMP-47-20-060513-Dup

Lab ID#: 1306133A-06A

EPA METHOD TO-15 GC/MS

File Name:	**14061221**	**Date of Collection: 6/5/13 11:17:00 AM**	
Dil. Factor:	**546**	**Date of Analysis: 6/12/13 10:40 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	2700	Not Detected	23000	Not Detected
1,2-Dibromoethane (EDB)	2700	Not Detected	21000	Not Detected
Chlorobenzene	2700	Not Detected	12000	Not Detected
Ethyl Benzene	2700	Not Detected	12000	Not Detected
m,p-Xylene	2700	700 J	12000	3000 J
o-Xylene	2700	Not Detected	12000	Not Detected
Styrene	2700	Not Detected	12000	Not Detected
Bromoform	2700	Not Detected	28000	Not Detected
Cumene	2700	Not Detected	13000	Not Detected
1,1,2,2-Tetrachloroethane	2700	Not Detected	19000	Not Detected
Propylbenzene	2700	Not Detected	13000	Not Detected
4-Ethyltoluene	2700	Not Detected	13000	Not Detected
1,3,5-Trimethylbenzene	2700	Not Detected	13000	Not Detected
1,2,4-Trimethylbenzene	2700	Not Detected	13000	Not Detected
1,3-Dichlorobenzene	2700	Not Detected	16000	Not Detected
1,4-Dichlorobenzene	2700	Not Detected	16000	Not Detected
alpha-Chlorotoluene	2700	Not Detected	14000	Not Detected
1,2-Dichlorobenzene	2700	Not Detected	16000	Not Detected
1,2,4-Trichlorobenzene	11000	Not Detected	81000	Not Detected
Hexachlorobutadiene	11000	Not Detected	120000	Not Detected
Butane	11000	1000000	26000	2400000
Isopentane	11000	1700000	32000	5000000

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: VMP-47-30-060513

Lab ID#: 1306133A-07A

EPA METHOD TO-15 GC/MS

File Name:	**14061222**	**Date of Collection: 6/5/13 12:06:00 PM**	
Dil. Factor:	**584**	**Date of Analysis: 6/12/13 11:06 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	2900	Not Detected	14000	Not Detected
Freon 114	2900	Not Detected	20000	Not Detected
Chloromethane	12000	Not Detected	24000	Not Detected
Vinyl Chloride	2900	Not Detected	7500	Not Detected
1,3-Butadiene	2900	Not Detected	6400	Not Detected
Bromomethane	2900	Not Detected	11000	Not Detected
Chloroethane	12000	Not Detected	31000	Not Detected
Freon 11	2900	Not Detected	16000	Not Detected
Ethanol	12000	Not Detected	22000	Not Detected
Freon 113	2900	Not Detected	22000	Not Detected
1,1-Dichloroethene	2900	Not Detected	12000	Not Detected
Acetone	12000	Not Detected	28000	Not Detected
2-Propanol	12000	Not Detected	29000	Not Detected
Carbon Disulfide	2900	Not Detected	9100	Not Detected
3-Chloropropene	12000	Not Detected	36000	Not Detected
Methylene Chloride	2900	Not Detected	10000	Not Detected
Methyl tert-butyl ether	2900	Not Detected	10000	Not Detected
trans-1,2-Dichloroethene	2900	Not Detected	12000	Not Detected
Hexane	2900	3300	10000	12000
1,1-Dichloroethane	2900	Not Detected	12000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	12000	Not Detected	34000	Not Detected
cis-1,2-Dichloroethene	2900	Not Detected	12000	Not Detected
Tetrahydrofuran	2900	Not Detected	8600	Not Detected
Chloroform	2900	Not Detected	14000	Not Detected
1,1,1-Trichloroethane	2900	Not Detected	16000	Not Detected
Cyclohexane	2900	13000	10000	44000
Carbon Tetrachloride	2900	Not Detected	18000	Not Detected
2,2,4-Trimethylpentane	2900	170000	14000	810000
Benzene	2900	Not Detected	9300	Not Detected
1,2-Dichloroethane	2900	Not Detected	12000	Not Detected
Heptane	2900	Not Detected	12000	Not Detected
Trichloroethene	2900	Not Detected	16000	Not Detected
1,2-Dichloropropane	2900	Not Detected	13000	Not Detected
1,4-Dioxane	12000	Not Detected	42000	Not Detected
Bromodichloromethane	2900	Not Detected	20000	Not Detected
cis-1,3-Dichloropropene	2900	Not Detected	13000	Not Detected
4-Methyl-2-pentanone	2900	Not Detected	12000	Not Detected
Toluene	2900	Not Detected	11000	Not Detected
trans-1,3-Dichloropropene	2900	Not Detected	13000	Not Detected
1,1,2-Trichloroethane	2900	Not Detected	16000	Not Detected
Tetrachloroethene	2900	Not Detected	20000	Not Detected
2-Hexanone	12000	Not Detected	48000	Not Detected

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Client Sample ID: VMP-47-30-060513

Lab ID#: 1306133A-07A

EPA METHOD TO-15 GC/MS

File Name:	**14061222**	**Date of Collection: 6/5/13 12:06:00 PM**	
Dil. Factor:	**584**	**Date of Analysis: 6/12/13 11:06 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	2900	Not Detected	25000	Not Detected
1,2-Dibromoethane (EDB)	2900	Not Detected	22000	Not Detected
Chlorobenzene	2900	Not Detected	13000	Not Detected
Ethyl Benzene	2900	Not Detected	13000	Not Detected
m,p-Xylene	2900	Not Detected	13000	Not Detected
o-Xylene	2900	Not Detected	13000	Not Detected
Styrene	2900	Not Detected	12000	Not Detected
Bromoform	2900	Not Detected	30000	Not Detected
Cumene	2900	Not Detected	14000	Not Detected
1,1,2,2-Tetrachloroethane	2900	Not Detected	20000	Not Detected
Propylbenzene	2900	Not Detected	14000	Not Detected
4-Ethyltoluene	2900	Not Detected	14000	Not Detected
1,3,5-Trimethylbenzene	2900	Not Detected	14000	Not Detected
1,2,4-Trimethylbenzene	2900	Not Detected	14000	Not Detected
1,3-Dichlorobenzene	2900	Not Detected	18000	Not Detected
1,4-Dichlorobenzene	2900	Not Detected	18000	Not Detected
alpha-Chlorotoluene	2900	Not Detected	15000	Not Detected
1,2-Dichlorobenzene	2900	Not Detected	18000	Not Detected
1,2,4-Trichlorobenzene	12000	Not Detected	87000	Not Detected
Hexachlorobutadiene	12000	Not Detected	120000	Not Detected
Butane	12000	940000	28000	2200000
Isopentane	12000	2000000	34000	6000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1306133A-08A

EPA METHOD TO-15 GC/MS

File Name:	**14061207a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/13 02:18 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 114	5.0	Not Detected	35	Not Detected
Chloromethane	20	Not Detected	41	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,3-Butadiene	5.0	Not Detected	11	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	20	Not Detected	53	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Ethanol	20	6.5 J	38	12 J
Freon 113	5.0	Not Detected	38	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
Acetone	20	Not Detected	48	Not Detected
2-Propanol	20	Not Detected	49	Not Detected
Carbon Disulfide	5.0	Not Detected	16	Not Detected
3-Chloropropene	20	Not Detected	63	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Hexane	5.0	Not Detected	18	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
2-Butanone (Methyl Ethyl Ketone)	20	Not Detected	59	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Tetrahydrofuran	5.0	Not Detected	15	Not Detected
Chloroform	5.0	Not Detected	24	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	27	Not Detected
Cyclohexane	5.0	Not Detected	17	Not Detected
Carbon Tetrachloride	5.0	Not Detected	31	Not Detected
2,2,4-Trimethylpentane	5.0	Not Detected	23	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Heptane	5.0	Not Detected	20	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,4-Dioxane	20	Not Detected	72	Not Detected
Bromodichloromethane	5.0	Not Detected	34	Not Detected
cis-1,3-Dichloropropene	5.0	Not Detected	23	Not Detected
4-Methyl-2-pentanone	5.0	Not Detected	20	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
trans-1,3-Dichloropropene	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
2-Hexanone	20	Not Detected	82	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1306133A-08A

EPA METHOD TO-15 GC/MS

File Name:	**14061207a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/13 02:18 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	5.0	Not Detected	42	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	38	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Styrene	5.0	Not Detected	21	Not Detected
Bromoform	5.0	Not Detected	52	Not Detected
Cumene	5.0	Not Detected	24	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	34	Not Detected
Propylbenzene	5.0	Not Detected	24	Not Detected
4-Ethyltoluene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
alpha-Chlorotoluene	5.0	Not Detected	26	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2,4-Trichlorobenzene	20	Not Detected	150	Not Detected
Hexachlorobutadiene	20	Not Detected	210	Not Detected
Butane	20	Not Detected	48	Not Detected
Isopentane	20	Not Detected	59	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: CCV
Lab ID#: 1306133A-09A
EPA METHOD TO-15 GC/MS

File Name:	**14061202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/13 11:21 AM**	

Compound	%Recovery
Freon 12	98
Freon 114	97
Chloromethane	99
Vinyl Chloride	82
1,3-Butadiene	79
Bromomethane	104
Chloroethane	99
Freon 11	101
Ethanol	97
Freon 113	93
1,1-Dichloroethene	90
Acetone	96
2-Propanol	81
Carbon Disulfide	91
3-Chloropropene	87
Methylene Chloride	101
Methyl tert-butyl ether	82
trans-1,2-Dichloroethene	97
Hexane	91
1,1-Dichloroethane	97
2-Butanone (Methyl Ethyl Ketone)	92
cis-1,2-Dichloroethene	91
Tetrahydrofuran	98
Chloroform	98
1,1,1-Trichloroethane	94
Cyclohexane	91
Carbon Tetrachloride	98
2,2,4-Trimethylpentane	92
Benzene	105
1,2-Dichloroethane	111
Heptane	105
Trichloroethene	102
1,2-Dichloropropane	102
1,4-Dioxane	94
Bromodichloromethane	106
cis-1,3-Dichloropropene	90
4-Methyl-2-pentanone	94
Toluene	98
trans-1,3-Dichloropropene	95
1,1,2-Trichloroethane	106
Tetrachloroethene	102
2-Hexanone	89

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Client Sample ID: CCV
Lab ID#: 1306133A-09A
EPA METHOD TO-15 GC/MS

File Name:	**14061202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/13 11:21 AM**	

Compound	%Recovery
Dibromochloromethane	113
1,2-Dibromoethane (EDB)	107
Chlorobenzene	102
Ethyl Benzene	99
m,p-Xylene	101
o-Xylene	100
Styrene	104
Bromoform	117
Cumene	103
1,1,2,2-Tetrachloroethane	110
Propylbenzene	103
4-Ethyltoluene	104
1,3,5-Trimethylbenzene	103
1,2,4-Trimethylbenzene	98
1,3-Dichlorobenzene	101
1,4-Dichlorobenzene	103
alpha-Chlorotoluene	113
1,2-Dichlorobenzene	102
1,2,4-Trichlorobenzene	92
Hexachlorobutadiene	110
Butane	94
Isopentane	94

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: LCS
Lab ID#: 1306133A-10A
EPA METHOD TO-15 GC/MS

File Name:	**14061203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/13 12:04 PM**	

Compound	%Recovery
Freon 12	117
Freon 114	112
Chloromethane	121
Vinyl Chloride	100
1,3-Butadiene	92
Bromomethane	90
Chloroethane	80
Freon 11	116
Ethanol	113
Freon 113	106
1,1-Dichloroethene	120
Acetone	109
2-Propanol	102
Carbon Disulfide	130
3-Chloropropene	117
Methylene Chloride	116
Methyl tert-butyl ether	96
trans-1,2-Dichloroethene	125
Hexane	106
1,1-Dichloroethane	112
2-Butanone (Methyl Ethyl Ketone)	107
cis-1,2-Dichloroethene	104
Tetrahydrofuran	105
Chloroform	115
1,1,1-Trichloroethane	112
Cyclohexane	108
Carbon Tetrachloride	115
2,2,4-Trimethylpentane	104
Benzene	122
1,2-Dichloroethane	126
Heptane	115
Trichloroethene	115
1,2-Dichloropropane	117
1,4-Dioxane	108
Bromodichloromethane	122
cis-1,3-Dichloropropene	103
4-Methyl-2-pentanone	109
Toluene	110
trans-1,3-Dichloropropene	109
1,1,2-Trichloroethane	122
Tetrachloroethene	117
2-Hexanone	105

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Client Sample ID: LCS
Lab ID#: I306133A-10A
EPA METHOD TO-15 GC/MS

File Name:	**14061203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/13 12:04 PM**	

Compound	%Recovery
Dibromochloromethane	126
1,2-Dibromoethane (EDB)	123
Chlorobenzene	114
Ethyl Benzene	114
m,p-Xylene	115
o-Xylene	111
Styrene	122
Bromoform	128
Cumene	118
1,1,2,2-Tetrachloroethane	126
Propylbenzene	118
4-Ethyltoluene	113
1,3,5-Trimethylbenzene	115
1,2,4-Trimethylbenzene	108
1,3-Dichlorobenzene	114
1,4-Dichlorobenzene	114
alpha-Chlorotoluene	122
1,2-Dichlorobenzene	115
1,2,4-Trichlorobenzene	94
Hexachlorobutadiene	101
Butane	106
Isopentane	76

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: LCSD
Lab ID#: I306133A-10AA
EPA METHOD TO-15 GC/MS

File Name:	**14061204**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/13 12:38 PM**	

Compound	%Recovery
Freon 12	118
Freon 114	112
Chloromethane	123
Vinyl Chloride	97
1,3-Butadiene	90
Bromomethane	90
Chloroethane	80
Freon 11	117
Ethanol	114
Freon 113	105
1,1-Dichloroethene	118
Acetone	109
2-Propanol	100
Carbon Disulfide	130
3-Chloropropene	120
Methylene Chloride	116
Methyl tert-butyl ether	97
trans-1,2-Dichloroethene	126
Hexane	108
1,1-Dichloroethane	113
2-Butanone (Methyl Ethyl Ketone)	108
cis-1,2-Dichloroethene	106
Tetrahydrofuran	105
Chloroform	116
1,1,1-Trichloroethane	113
Cyclohexane	108
Carbon Tetrachloride	117
2,2,4-Trimethylpentane	105
Benzene	121
1,2-Dichloroethane	125
Heptane	114
Trichloroethene	116
1,2-Dichloropropane	118
1,4-Dioxane	107
Bromodichloromethane	121
cis-1,3-Dichloropropene	104
4-Methyl-2-pentanone	110
Toluene	111
trans-1,3-Dichloropropene	110
1,1,2-Trichloroethane	122
Tetrachloroethene	117
2-Hexanone	108

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Client Sample ID: LCSD
Lab ID#: 1306133A-10AA
EPA METHOD TO-15 GC/MS

File Name:	**14061204**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/13 12:38 PM**

Compound	%Recovery
Dibromochloromethane	126
1,2-Dibromoethane (EDB)	123
Chlorobenzene	116
Ethyl Benzene	115
m,p-Xylene	116
o-Xylene	115
Styrene	124
Bromoform	128
Cumene	120
1,1,2,2-Tetrachloroethane	126
Propylbenzene	118
4-Ethyltoluene	114
1,3,5-Trimethylbenzene	118
1,2,4-Trimethylbenzene	112
1,3-Dichlorobenzene	115
1,4-Dichlorobenzene	114
alpha-Chlorotoluene	127
1,2-Dichlorobenzene	116
1,2,4-Trichlorobenzene	96
Hexachlorobutadiene	103
Butane	101
Isopentane	76

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	105	70-130

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CH ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian

INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0 ☐ CHECK IF NO INCIDENT # APPLIES

PO #:

SAP #: 3 4 0 0 6 1

DATE 06/06/13

PAGE: 1 of 1

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

SITE ADDRESS: Street and City: 900 SOUTH CENTRAL AVE -- ROXANA

State: IL

GLOBAL ID NO.:

ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST LOUIS, MO 63110

STOP DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis

PHONE NO: 314-743-4179

E-MAIL: Elizabeth_Kunkel@URSCorp.com

CONSULTANT PROJECT NAME#: Roxana Soil Vapor

LABORATORY ADDRESS: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719

TELEPHONE: 314-429-0100

FAX: 314-429-0462

RE-TO CONTACT E-MAIL: Robert.Mooshegian@urs.com

SAMPLERS: S. Fisher, B. Lehan, M. Currier

TURNAROUND TIME (CALENDAR DAYS):
☐ STANDARD (14 DAY) ☑ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Canister Pressure/Vacuum: Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946					
	VMP-3-31.5-060413	06/04/13	1401-1438	15755	-30	-9.5			X	X						
	VMP-3-39-060413	06/04/13	1501-1531	12034	-29	-9			X	X						
	VMP-47-5-060513	06/05/13	0847-0918	37781	-30	-10			X	X						
	VMP-47-10-060513	06/05/13	0956-1025	33409	-30	-9			X	X						
	VMP-47-20-060513	06/05/13	1044-1117	34660	-30	-9.5			X	X						
	VMP-47-20-060513-Dup	06/05/13	1044-1117	35646	-30	-8.5			X	X						
	VMP-47-30-060513	06/05/13	1134-1206	34166	-30	-9			X	X						

Turn Around Time: ☐ Normal ☑ Rush ☐ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N2 He

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP
- 5 DAY TURNAROUND TIME

Relinquished by (Signature)	Received by (Signature)	Date	Time
	FEDEX	6/6/13	1715
		6.7.13	1000

02/2006 Revision

Custody Seal Intact?
Y N None Temp

1306133

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6/14/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1306133B

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 6/7/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1306133B

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	21562735.00013
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	06/07/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	06/14/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-3-31.5-060413	Modified ASTM D-1946	8.4 "Hg	15.3 psi
02A	VMP-3-39-060413	Modified ASTM D-1946	8 "Hg	15 psi
03A	VMP-47-5-060513	Modified ASTM D-1946	10 "Hg	14.6 psi
04A	VMP-47-10-060513	Modified ASTM D-1946	8.6 "Hg	15.6 psi
05A	VMP-47-20-060513	Modified ASTM D-1946	9 "Hg	15.3 psi
06A	VMP-47-20-060513-Dup	Modified ASTM D-1946	8 "Hg	14.8 psi
07A	VMP-47-30-060513	Modified ASTM D-1946	9.4 "Hg	14.8 psi
08A	Lab Blank	Modified ASTM D-1946	NA	NA
08B	Lab Blank	Modified ASTM D-1946	NA	NA
09A	LCS	Modified ASTM D-1946	NA	NA
09AA	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 06/14/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified ASTM D-1946
URS Corporation
Workorder# 1306133B

Seven 1 Liter Summa Canister samples were received on June 07, 2013. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane and fixed gases in air using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Since Nitrogen is used to pressurize samples, the reported Nitrogen values are calculated by adding all the sample components and subtracting from 100%.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*ASTM D-1946*	*ATL Modifications*
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vaeuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

The reporting limit for Nitrogen was raised from 0.10% to 0.50%.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-3-31.5-060413

Lab ID#: 1306133B-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	1.8
Nitrogen	1.4	86
Methane	0.00028	2.2
Carbon Dioxide	0.028	9.2
Ethane	0.0028	0.00032 J

Client Sample ID: VMP-3-39-060413

Lab ID#: 1306133B-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	5.0
Nitrogen	1.4	84
Methane	0.00028	1.8
Carbon Dioxide	0.028	7.5
Ethane	0.0028	0.00029 J
Helium	0.14	1.5

Client Sample ID: VMP-47-5-060513

Lab ID#: 1306133B-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	1.6
Nitrogen	1.5	82
Methane	0.00030	4.3
Carbon Dioxide	0.030	11
Ethane	0.0030	0.0012 J

Client Sample ID: VMP-47-I0-060513

Lab ID#: 1306133B-04A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	1.7

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-47-10-060513

Lab ID#: 1306133B-04A

Nitrogen	1.4	83
Methane	0.00029	3.4
Carbon Dioxide	0.029	11
Ethane	0.0029	0.00098 J
Helium	0.14	0.12 J

Client Sample ID: VMP-47-20-060513

Lab ID#: 1306133B-05A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	1.6
Nitrogen	1.4	83
Methane	0.00029	3.7
Carbon Dioxide	0.029	11
Ethane	0.0029	0.0011 J
Helium	0.14	0.044 J

Client Sample ID: VMP-47-20-060513-Dup

Lab ID#: 1306133B-06A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	1.6
Nitrogen	1.4	83
Methane	0.00027	3.7
Carbon Dioxide	0.027	11
Ethane	0.0027	0.0012 J
Helium	0.14	0.038 J

Client Sample ID: VMP-47-30-060513

Lab ID#: 1306133B-07A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	1.6
Nitrogen	1.5	81

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-47-30-060513

Lab ID#: 1306133B-07A

Methane	0.00029	5.3
Carbon Dioxide	0.029	11
Ethane	0.0029	0.0017 J

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Client Sample ID: VMP-3-31.5-060413

Lab ID#: 1306133B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10061318**	**Date of Collection: 6/4/13 2:38:00 PM**	
Dil. Factor:	**2.83**	**Date of Analysis: 6/13/13 06:33 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	1.8
Nitrogen	1.4	86
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	2.2
Carbon Dioxide	0.028	9.2
Ethane	0.0028	0.00032 J
Ethene	0.0028	Not Detected
Helium	0.14	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-3-39-060413

Lab ID#: 1306133B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10061319**	**Date of Collection:**	**6/4/13 3:31:00 PM**
Dil. Factor:	**2.75**	**Date of Analysis:**	**6/13/13 06:56 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.28	5.0
Nitrogen	1.4	84
Carbon Monoxide	0.028	Not Detected
Methane	0.00028	1.8
Carbon Dioxide	0.028	7.5
Ethane	0.0028	0.00029 J
Ethene	0.0028	Not Detected
Helium	0.14	1.5

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-47-5-060513

Lab ID#: I306133B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10061321	Date of Collection:	6/5/13 9:18:00 AM
Dil. Factor:	2.99	Date of Analysis:	6/13/13 07:46 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.30	1.6
Nitrogen	1.5	82
Carbon Monoxide	0.030	Not Detected
Methane	0.00030	4.3
Carbon Dioxide	0.030	11
Ethane	0.0030	0.0012 J
Ethene	0.0030	Not Detected
Helium	0.15	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-47-10-060513

Lab ID#: 1306133B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10061322**	**Date of Collection: 6/5/13 10:25:00 AM**	
Dil. Factor:	**2.88**	**Date of Analysis: 6/13/13 08:10 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	1.7
Nitrogen	1.4	83
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	3.4
Carbon Dioxide	0.029	11
Ethane	0.0029	0.00098 J
Ethene	0.0029	Not Detected
Helium	0.14	0.12 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-47-20-060513

Lab ID#: I306133B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10061323**	**Date of Collection: 6/5/13 11:17:00 AM**	
Dil. Factor:	**2.91**	**Date of Analysis: 6/13/13 08:36 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	1.6
Nitrogen	1.4	83
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	3.7
Carbon Dioxide	0.029	11
Ethane	0.0029	0.0011 J
Ethene	0.0029	Not Detected
Helium	0.14	0.044 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-47-20-060513-Dup

Lab ID#: 1306133B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10061324	Date of Collection:	6/5/13 11:17:00 AM
Dil. Factor:	2.73	Date of Analysis:	6/13/13 08:59 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.27	1.6
Nitrogen	1.4	83
Carbon Monoxide	0.027	Not Detected
Methane	0.00027	3.7
Carbon Dioxide	0.027	11
Ethane	0.0027	0.0012 J
Ethene	0.0027	Not Detected
Helium	0.14	0.038 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-47-30-060513

Lab ID#: 1306133B-07A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10061325**	**Date of Collection: 6/5/13 12:06:00 PM**	
Dil. Factor:	**2.92**	**Date of Analysis: 6/13/13 09:23 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.29	1.6
Nitrogen	1.5	81
Carbon Monoxide	0.029	Not Detected
Methane	0.00029	5.3
Carbon Dioxide	0.029	11
Ethane	0.0029	0.0017 J
Ethene	0.0029	Not Detected
Helium	0.15	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

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Client Sample ID: Lab Blank

Lab ID#: 1306133B-08A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10061305a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/13/13 11:19 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	0.025 J
Nitrogen	0.50	0.11 J
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected
Ethane	0.0010	Not Detected
Ethene	0.0010	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

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Client Sample ID: Lab Blank

Lab ID#: 1306133B-08B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	10061304c	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 6/13/13 10:55 AM	

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.050	Not Detected

Container Type: NA - Not Applicable

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Client Sample ID: LCS

Lab ID#: 1306133B-09A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10061302**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 6/13/13 09:54 AM**

Compound	%Recovery
Oxygen	103
Nitrogen	100
Carbon Monoxide	100
Methane	100
Carbon Dioxide	101
Ethane	99
Ethene	99
Helium	99

Container Type: NA - Not Applicable

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Client Sample ID: LCSD

Lab ID#: 1306133B-09AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10061328**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 6/13/13 10:29 PM**

Compound	%Recovery
Oxygen	100
Nitrogen	99
Carbon Monoxide	98
Methane	98
Carbon Dioxide	99
Ethane	97
Ethene	97
Helium	96

Container Type: NA - Not Applicable

Shell Oil Products Chain Of Custody Record

URS

Air Toxics LTD.
Project Name: Roxana Soil Vapor
Project # 21562850.04002
Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Robert Mooshegian
PO. #
INCIDENT # (ENV SERVICES): 9 7 2 1 6 6 4 0
SAP #: 3 4 0 0 6 1
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 06/06/13
PAGE: 1 of 1

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
SITE ADDRESS: 900 SOUTH CENTRAL AVE – ROXANA
State: IL
GLOBAL ID NO:

ADDRESS: 1001 HIGHLANDS PLAZA DRIVE WEST - SUITE 300; ST. LOUIS, MO 63110
PROJ. DELIVERABLE TO (Name, Company, Office Location): Elizabeth Kunkel, URS, St. Louis; S. Fisher, B. Lehan, M. Currier
PHONE NO: 314-743-4179
E-MAIL: Elizabeth.Kunkel@URSCorp.com
CONSULTANT PROJECT NAME#: Roxana Soil Vapor

Laboratory Address: Air Toxics, LTD 180 Blue Ravine Road, Suite B, Folsom, CA 95630-4719
TELEPHONE: 314-429-0100
FAX: 314-429-0462
Be To Contact E-MAIL: Robert.Mooshegian@urs.com

TURNAROUND TIME (CALENDAR DAYS):
☐ STANDARD (14 DAY) ☑ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☑ UST AGENCY:

DELIVERABLES ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☑ LEVEL 4 ☐ OTHER (SPECIFY)

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Canister Number	Conister Pressure/Vacuum Initial	Final	Receipt	Final (psi)	Modified TO-15 + Butane & Isopentane	ASTM D-1946 + Helium	ASTM D-1946
	VMP-3-31.5-060413	06/04/13	1401-1438	15755	-30	-9.5			X	X	
	VMP-3-39-060413	06/04/13	1501-1531	12034	-29	-9			X	X	
	VMP-47-5-060513	06/05/13	0847-0918	37781	-30	-10			X	X	
	VMP-47-10-060513	06/05/13	0958-1025	33409	-30	-9			X	X	
	VMP-47-20-060513	06/05/13	1044-1117	34660	-30	-9.5			X	X	
	VMP-47-20-060513-Dup	06/05/13	1044-1117	35646	-30	-8.5			X	X	
	VMP-47-30-060513	06/05/13	1134-1206	34166	-30	-9			X	X	

Turn Around Time: ☐ Normal ☑ Rush Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

ADDITIONAL NOTES:
- 14 day hold time
- Report results between MDL and RL
- Level IV ECVP
- 5 DAY TURNAROUND TIME

Relinquished by (Signature)	Received by (Signature)	Date	Time
	FEDEX	6/6/13	1715
Relinquished by (Signature)	Received by (Signature)	Date	Time
	ATL	6.7.13	1000
Relinquished by (Signature)	Received by (Signature)	Date	Time

05/2006 Revision

Custody Seal Intact?
Y N None Temp

1306133

Roxana Soil Vapor Quarterly – 2nd Quarter 2013 Data Review

Laboratory SDG: 1307201A,B

Data Reviewer: Melissa Mansker

Peer Reviewer: Steve Gragert

Date Reviewed: 7/12/2013

Guidance: USEPA National Functional Guidelines for Superfund Organic Methods Data Review 2008

Sample Identification	Sample Identification
VMP-53-5-071113-R	VMP-53-10-071113-R
VMP-53-20-071113-R	VMP-53-30-071113-R

1.0 Data Package Completeness

Were all items delivered as specified in the QAPP and COC as appropriate?

Yes

2.0 Laboratory Case Narrative \ Cooler Receipt Form

Were problems noted in the laboratory case narrative or cooler receipt form?

Although not indicated in the laboratory case narrative, analytes were detected in the method blank. TO-15 LCS/LCSD recoveries were outside evaluation criteria. The CCV recovery for hexachlorobutadiene was outside evaluation criteria. These issues are addressed further in the appropriate sections below.

No issues or discrepancies were noted in the cooler receipt form.

3.0 Holding Times

Were samples extracted/analyzed within applicable limits?

Yes

4.0 Blank Contamination

Were any analytes detected in the blanks?

Yes

Blank ID	Parameter	Analyte	Concentration/ Amount
1307201B-05A	TO-15	trans-1,3-Dichloropropene	0.19 ppbv / 0.88 µg/m^3
1307201B-05A	TO-15	Chlorobenzene	0.23 ppbv / 1.0 µg/m^3
1307201B-05A	TO-15	4-Ethyltoluene	0.084 ppbv / 0.41 µg/m^3
1307201B-05A	TO-15	1,3-Dichlorobenzene	0.19 ppbv / 1.1 µg/m^3
1307201B-05A	TO-15	1,4-Dichlorobenzene	0.18 ppbv / 1.1 µg/m^3
1307201B-05A	TO-15	alpha-Chlorotoluene	0.12 ppbv / 0.61 µg/m^3
1307201B-05A	TO-15	1,2-Dichlorobenzene	0.16 ppbv / 0.93 µg/m^3
1307201B-05A	TO-15	1,2,4-Trichlorobenzene	0.065 ppbv / 4.8 µg/m^3
1307201B-05A	TO-15	Hexachlorobutadiene	0.48 ppbv / 5.2 µg/m^3
1307201A-05A	Natural gases	Oxygen	0.018%

Blank ID	Parameter	Analyte	Concentration/ Amount
1307201A-05A	Natural gases	Nitrogen	0.070%

Qualifications due to blank contamination are included in the table below. Analytical data that were reported non-detect or at concentrations greater than five times (5X) the associated blank concentration did not require qualification.

Sample ID	Parameter	Analyte	New Reporting Limit (RL)	Qualification
VMP-53-5-071113-R	TO-15	trans-1,3-Dichloropropene	-	**U**
VMP-53-5-071113-R	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-53-5-071113-R	TO-15	1,2-Dichlorobenzene	-	**U**
VMP-53-5-071113-R	TO-15	Hexachlorobutadiene	-	**U**
VMP-53-10-071113-R	TO-15	Chlorobenzene	-	**U**
VMP-53-10-071113-R	TO-15	4-Ethyltoluene	-	**U**
VMP-53-10-071113-R	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-53-10-071113-R	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-53-10-071113-R	TO-15	alpha-Chlorotoluene	-	**U**
VMP-53-10-071113-R	TO-15	1,2-Dichlorobenzene	-	**U**
VMP-53-10-071113-R	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-53-20-071113-R	TO-15	Chlorobenzene	-	**U**
VMP-53-20-071113-R	TO-15	1,3-Dichlorobenzene	-	**U**
VMP-53-20-071113-R	TO-15	1,4-Dichlorobenzene	-	**U**
VMP-53-20-071113-R	TO-15	1,2,4-Trichlorobenzene	-	**U**
VMP-53-30-071113-R	TO-15	Chlorobenzene	-	**U**
VMP-53-30-071113-R	TO-15	1,4-Dichlorobnezene	-	**U**

5.0 Laboratory Control Sample

Were LCS recoveries within evaluation criteria?

No

LCS/LCSD ID	Parameter	Analyte	LCS/LCSD Recovery	LCS/ LCSD RPD	LCS/LCSD /RPD Criteria
1307201B-07A/AA	TO-15	1,1,2,2-Tetrachloroethane	**69/68**	1	70-130/25
1307201B-07A/AA	TO-15	1,2,4-Trichlorobenzene	**132/131**	1	70-130/25
1307201B-07A/AA	TO-15	Hexachlorobutadiene	**138/136**	1	70-130/25

Analytical data that required qualification based on LCS data are included in the table below. Analytical data reported as non-detect and associated with LCS recoveries above evaluation criteria, indicating a possible high bias, did not require qualification.

Sample ID	Parameter	Analyte	Qualification
VMP-53-5-071113-R	TO-15	1,1,2,2-Tetrachloroethane	**UJ**
VMP-53-5-071113-R	TO-15	1,2,4-Trichlorobenzene	**J**
VMP-53-10-071113-R	TO-15	1,1,2,2-Tetrachloroethane	**UJ**
VMP-53-20-071113-R	TO-15	1,1,2,2-Tetrachloroethane	**UJ**
VMP-53-30-071113-R	TO-15	1,1,2,2-Tetrachloroethane	**UJ**

6.0 Surrogate Recoveries

Were surrogate recoveries within evaluation criteria?

Yes

7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

Were MS/MSD samples analyzed as part of this SDG?

MS/MSD samples are not applicable for vapor samples, due to the inability to spike the samples.

8.0 Laboratory Duplicate Results

Were laboratory duplicate samples collected as part of this SDG?

No

9.0 Field Duplicate Results

Were field duplicate samples collected as part of this SDG?

No

10.0 Sample Dilutions

For samples that were diluted and nondetect, were undiluted results also reported?

Not applicable; samples analyzed did not require dilution.

11.0 Additional Qualifications

Were additional qualifications applied?

Yes, the CCV percent recovery for hexachlorobutadiene was above evaluation criteria as summarized in the table below.

CCV ID	Parameter	Analyte	CCV Recovery	CCV Criteria
1307201B-06A	TO-15	Hexachlorobutadiene	**136**	70-130

Hexachlorobutadiene results were nondetect, and were associated with a CCV recovery above evaluation criteria, indicating a possible high bias. No qualification of data was required.

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7/12/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1307201B

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 7/12/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

Reviewed on 7/12/13

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WORK ORDER #: 1307201B

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	282676
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	07/12/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	07/12/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-53-5-071113-R	Modified TO-15	10 "Hg	14.5 psi
02A	VMP-53-10-071113-R	Modified TO-15	10.6 "Hg	14.7 psi
03A	VMP-53-20-071113-R	Modified TO-15	11.2 "Hg	14.5 psi
04A	VMP-53-30-071113-R	Modified TO-15	11.6 "Hg	14.8 psi
05A	Lab Blank	Modified TO-15	NA	NA
06A	CCV	Modified TO-15	NA	NA
07A	LCS	Modified TO-15	NA	NA
07AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 07/12/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
URS Corporation
Workorder# 1307201B

Four 1 Liter Summa Canister samples were received on July 12, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per client project requirements, the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified (0.2 ppbv for compounds reported at 0.5 ppbv and 0.8 ppbv for compounds reported at 2.0 ppbv) may be false positives.

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-53-5-071113-R

Lab ID#: 1307201B-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	20	7.4 J	49	18 J
Carbon Disulfide	8.2	2.1 J	26	6.7 J
Hexane	2.0	0.88 J	7.2	3.1 J
2,2,4-Trimethylpentane	2.0	2.4	9.6	11
Benzene	2.0	0.66 J	6.6	2.1 J
Heptane	2.0	0.92 J	8.4	3.8 J
Toluene	2.0	0.59 J	7.7	2.2 J
trans-1,3-Dichloropropene	2.0	~~0.72 J~~ U	9.3	~~3.2 J~~ U
Tetrachloroethene	2.0	0.74 J	14	5.0 J
Dibromochloromethane	2.0	0.26 J	18	2.2 J
1,2-Dibromoethane (EDB)	2.0	0.49 J	16	3.8 J
Chlorobenzene	2.0	1.4 J	9.5	6.3 J
Ethyl Benzene	2.0	0.59 J	8.9	2.5 J
m,p-Xylene	2.0	2.2	8.9	9.4
o-Xylene	2.0	1.5 J	8.9	6.4 J
Styrene	2.0	0.24 J	8.8	1.0 J
Propylbenzene	2.0	0.42 J	10	2.0 J
4-Ethyltoluene	2.0	3.6	10	18
1,3,5-Trimethylbenzene	2.0	3.1	10	15
1,2,4-Trimethylbenzene	2.0	1.4 J	10	7.0 J
1,3-Dichlorobenzene	2.0	~~0.81 J~~ U	12	~~4.9 J~~ U
1,4-Dichlorobenzene	2.0	1.0 J	12	6.3 J
alpha-Chlorotoluene	2.0	0.77 J	11	4.0 J
1,2-Dichlorobenzene	2.0	~~0.67 J~~ U	12	~~4.0 J~~ U
1,2,4-Trichlorobenzene	8.2	3.4 J J	61	25 J J
Hexachlorobutadiene	8.2	~~1.5 J~~ U	88	~~16 J~~ U
Butane	8.2	5.0 J	20	12 J
Isopentane	8.2	4.3 J	24	13 J

Client Sample ID: VMP-53-10-071113-R

Lab ID#: 1307201B-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-53-I0-071113-R

Lab ID#: 1307201B-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.77 J	7.6	3.8 J
Freon 11	1.5	0.33 J	8.7	1.8 J
Acetone	15	5.1 J	37	12 J
Carbon Disulfide	6.2	1.4 J	19	4.5 J
Hexane	1.5	0.84 J	5.4	3.0 J
Chloroform	1.5	5.6	7.5	27
2,2,4-Trimethylpentane	1.5	5.5	7.2	26
Benzene	1.5	1.4 J	4.9	4.5 J
1,2-Dichloroethane	1.5	0.31 J	6.2	1.2 J
Heptane	1.5	0.58 J	6.3	2.4 J
Bromodichloromethane	1.5	0.46 J	10	3.1 J
Toluene	1.5	0.50 J	5.8	1.9 J
Chlorobenzene	1.5	~~0.95 J~~ U	7.1	~~4.4 J~~ U
Propylbenzene	1.5	0.18 J	7.6	0.90 J
4-Ethyltoluene	1.5	~~0.23 J~~ U	7.6	~~1.2 J~~ U
1,3-Dichlorobenzene	1.5	~~0.42 J~~ U	9.3	~~2.5 J~~ U
1,4-Dichlorobenzene	1.5	~~0.51 J~~ U	9.3	~~3.1 J~~ U
alpha-Chlorotoluene	1.5	~~0.38 J~~ U	8.0	~~2.0 J~~ U
1,2-Dichlorobenzene	1.5	~~0.34 J~~ U	9.3	~~2.0 J~~ U
1,2,4-Trichlorobenzene	6.2	~~1.7 J~~ U	46	~~12 J~~ U

Client Sample ID: VMP-53-20-071113-R

Lab ID#: 1307201B-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.57 J	7.8	2.8 J
Freon 11	1.6	0.32 J	8.9	1.8 J
Acetone	16	42	38	99
Carbon Disulfide	6.3	1.3 J	20	4.1 J
Hexane	1.6	1.7	5.6	6.2
2,2,4-Trimethylpentane	1.6	3.5	7.4	16
Benzene	1.6	1.2 J	5.1	3.8 J
Heptane	1.6	1.7	6.5	7.0

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VMP-53-20-071113-R

Lab ID#: 1307201B-03A

Trichloroethene	1.6	6.5	8.5	35
Toluene	1.6	0.50 J	6.0	1.9 J
Chlorobenzene	1.6	0.80 J	7.3	3.7 J
m,p-Xylene	1.6	0.50 J	6.9	2.2 J
o-Xylene	1.6	0.24 J	6.9	1.0 J
1,3-Dichlorobenzene	1.6	0.42 J	9.5	2.5 J
1,4-Dichlorobenzene	1.6	0.50 J	9.5	3.0 J
1,2,4-Trichlorobenzene	6.3	1.2 J	47	8.7 J
Isopentane	6.3	3.0 J	19	8.9 J

Client Sample ID: VMP-53-30-071113-R

Lab ID#: 1307201B-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.67 J	8.1	3.3 J
Freon 11	1.6	0.52 J	9.2	2.9 J
Acetone	16	5.9 J	39	14 J
Carbon Disulfide	6.6	1.6 J	20	5.0 J
Methylene Chloride	16	3.5 J	57	12 J
Hexane	1.6	1.6 J	5.8	5.5 J
Chloroform	1.6	1.1 J	8.0	5.5 J
2,2,4-Trimethylpentane	1.6	3.0	7.7	14
Benzene	1.6	1.5 J	5.2	4.8 J
Heptane	1.6	1.7	6.7	6.9
Trichloroethene	1.6	0.95 J	8.8	5.1 J
Toluene	1.6	0.42 J	6.2	1.6 J
Chlorobenzene	1.6	0.79 J	7.6	3.6 J
1,4-Dichlorobenzene	1.6	0.38 J	9.9	2.3 J
Butane	6.6	3.7 J	16	8.7 J

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Client Sample ID: VMP-53-5-071113-R

Lab ID#: 1307201B-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j071207**	**Date of Collection: 7/11/13 10:47:00 AM**	
Dil. Factor:	**4.11**	**Date of Analysis: 7/12/13 01:14 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	2.0	Not Detected	10	Not Detected
Freon 114	2.0	Not Detected	14	Not Detected
Chloromethane	20	Not Detected	42	Not Detected
Vinyl Chloride	2.0	Not Detected	5.2	Not Detected
1,3-Butadiene	2.0	Not Detected	4.5	Not Detected
Bromomethane	20	Not Detected	80	Not Detected
Chloroethane	8.2	Not Detected	22	Not Detected
Freon 11	2.0	Not Detected	12	Not Detected
Ethanol	8.2	Not Detected	15	Not Detected
Freon 113	2.0	Not Detected	16	Not Detected
1,1-Dichloroethene	2.0	Not Detected	8.1	Not Detected
Acetone	20	7.4 J	49	18 J
2-Propanol	8.2	Not Detected	20	Not Detected
Carbon Disulfide	8.2	2.1 J	26	6.7 J
3-Chloropropene	8.2	Not Detected	26	Not Detected
Methylene Chloride	20	Not Detected	71	Not Detected
Methyl tert-butyl ether	2.0	Not Detected	7.4	Not Detected
trans-1,2-Dichloroethene	2.0	Not Detected	8.1	Not Detected
Hexane	2.0	0.88 J	7.2	3.1 J
1,1-Dichloroethane	2.0	Not Detected	8.3	Not Detected
2-Butanone (Methyl Ethyl Ketone)	8.2	Not Detected	24	Not Detected
cis-1,2-Dichloroethene	2.0	Not Detected	8.1	Not Detected
Tetrahydrofuran	2.0	Not Detected	6.0	Not Detected
Chloroform	2.0	Not Detected	10	Not Detected
1,1,1-Trichloroethane	2.0	Not Detected	11	Not Detected
Cyclohexane	2.0	Not Detected	7.1	Not Detected
Carbon Tetrachloride	2.0	Not Detected	13	Not Detected
2,2,4-Trimethylpentane	2.0	2.4	9.6	11
Benzene	2.0	0.66 J	6.6	2.1 J
1,2-Dichloroethane	2.0	Not Detected	8.3	Not Detected
Heptane	2.0	0.92 J	8.4	3.8 J
Trichloroethene	2.0	Not Detected	11	Not Detected
1,2-Dichloropropane	2.0	Not Detected	9.5	Not Detected
1,4-Dioxane	8.2	Not Detected	30	Not Detected
Bromodichloromethane	2.0	Not Detected	14	Not Detected
cis-1,3-Dichloropropene	2.0	Not Detected	9.3	Not Detected
4-Methyl-2-pentanone	2.0	Not Detected	8.4	Not Detected
Toluene	2.0	0.59 J	7.7	2.2 J
trans-1,3-Dichloropropene	2.0	0.72 J	9.3	3.2 J
1,1,2-Trichloroethane	2.0	Not Detected	11	Not Detected
Tetrachloroethene	2.0	0.74 J	14	5.0 J
2-Hexanone	8.2	Not Detected	34	Not Detected

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Client Sample ID: VMP-53-5-071113-R

Lab ID#: 1307201B-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j071207**	**Date of Collection: 7/11/13 10:47:00 AM**	
Dil. Factor:	**4.11**	**Date of Analysis: 7/12/13 01:14 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	2.0	0.26 J	18	2.2 J
1,2-Dibromoethane (EDB)	2.0	0.49 J	16	3.8 J
Chlorobenzene	2.0	1.4 J	9.5	6.3 J
Ethyl Benzene	2.0	0.59 J	8.9	2.5 J
m,p-Xylene	2.0	2.2	8.9	9.4
o-Xylene	2.0	1.5 J	8.9	6.4 J
Styrene	2.0	0.24 J	8.8	1.0 J
Bromoform	2.0	Not Detected	21	Not Detected
Cumene	2.0	Not Detected	10	Not Detected
1,1,2,2-Tetrachloroethane	2.0	Not Detected U J	14	Not Detected U J
Propylbenzene	2.0	0.42 J	10	2.0 J
4-Ethyltoluene	2.0	3.6	10	18
1,3,5-Trimethylbenzene	2.0	3.1	10	15
1,2,4-Trimethylbenzene	2.0	1.4 J	10	7.0 J
1,3-Dichlorobenzene	2.0	~~0.81 J~~ U	12	~~4.9 J~~ U
1,4-Dichlorobenzene	2.0	1.0 J	12	6.3 J
alpha-Chlorotoluene	2.0	0.77 J	11	4.0 J
1,2-Dichlorobenzene	2.0	~~0.67 J~~ U	12	~~4.0 J~~ U
1,2,4-Trichlorobenzene	8.2	3.4 J J	61	25 J J
Hexachlorobutadiene	8.2	~~1.5 J~~ U	88	~~16 J~~ U
Butane	8.2	5.0 J	20	12 J
Isopentane	8.2	4.3 J	24	13 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	109	70-130

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Client Sample ID: VMP-53-10-071113-R

Lab ID#: 130720IB-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j071208	**Date of Collection:**	7/11/13 11:30:00 AM
Dil. Factor:	3.09	**Date of Analysis:**	7/12/13 01:54 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.5	0.77 J	7.6	3.8 J
Freon 114	1.5	Not Detected	11	Not Detected
Chloromethane	15	Not Detected	32	Not Detected
Vinyl Chloride	1.5	Not Detected	3.9	Not Detected
1,3-Butadiene	1.5	Not Detected	3.4	Not Detected
Bromomethane	15	Not Detected	60	Not Detected
Chloroethane	6.2	Not Detected	16	Not Detected
Freon 11	1.5	0.33 J	8.7	1.8 J
Ethanol	6.2	Not Detected	12	Not Detected
Freon 113	1.5	Not Detected	12	Not Detected
1,1-Dichloroethene	1.5	Not Detected	6.1	Not Detected
Acetone	15	5.1 J	37	12 J
2-Propanol	6.2	Not Detected	15	Not Detected
Carbon Disulfide	6.2	1.4 J	19	4.5 J
3-Chloropropene	6.2	Not Detected	19	Not Detected
Methylene Chloride	15	Not Detected	54	Not Detected
Methyl tert-butyl ether	1.5	Not Detected	5.6	Not Detected
trans-1,2-Dichloroethene	1.5	Not Detected	6.1	Not Detected
Hexane	1.5	0.84 J	5.4	3.0 J
1,1-Dichloroethane	1.5	Not Detected	6.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.2	Not Detected	18	Not Detected
cis-1,2-Dichloroethene	1.5	Not Detected	6.1	Not Detected
Tetrahydrofuran	1.5	Not Detected	4.6	Not Detected
Chloroform	1.5	5.6	7.5	27
1,1,1-Trichloroethane	1.5	Not Detected	8.4	Not Detected
Cyclohexane	1.5	Not Detected	5.3	Not Detected
Carbon Tetrachloride	1.5	Not Detected	9.7	Not Detected
2,2,4-Trimethylpentane	1.5	5.5	7.2	26
Benzene	1.5	1.4 J	4.9	4.5 J
1,2-Dichloroethane	1.5	0.31 J	6.2	1.2 J
Heptane	1.5	0.58 J	6.3	2.4 J
Trichloroethene	1.5	Not Detected	8.3	Not Detected
1,2-Dichloropropane	1.5	Not Detected	7.1	Not Detected
1,4-Dioxane	6.2	Not Detected	22	Not Detected
Bromodichloromethane	1.5	0.46 J	10	3.1 J
cis-1,3-Dichloropropene	1.5	Not Detected	7.0	Not Detected
4-Methyl-2-pentanone	1.5	Not Detected	6.3	Not Detected
Toluene	1.5	0.50 J	5.8	1.9 J
trans-1,3-Dichloropropene	1.5	Not Detected	7.0	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected	8.4	Not Detected
Tetrachloroethene	1.5	Not Detected	10	Not Detected
2-Hexanone	6.2	Not Detected	25	Not Detected

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Client Sample ID: VMP-53-10-071113-R

Lab ID#: 1307201B-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j071208**	**Date of Collection: 7/11/13 11:30:00 AM**	
Dil. Factor:	**3.09**	**Date of Analysis: 7/12/13 01:54 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.5	Not Detected	13	Not Detected
1,2-Dibromoethane (EDB)	1.5	Not Detected	12	Not Detected
Chlorobenzene	1.5	0.95 J	7.1	4.4 J
Ethyl Benzene	1.5	Not Detected	6.7	Not Detected
m,p-Xylene	1.5	Not Detected	6.7	Not Detected
o-Xylene	1.5	Not Detected	6.7	Not Detected
Styrene	1.5	Not Detected	6.6	Not Detected
Bromoform	1.5	Not Detected	16	Not Detected
Cumene	1.5	Not Detected	7.6	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected	11	Not Detected
Propylbenzene	1.5	0.18 J	7.6	0.90 J
4-Ethyltoluene	1.5	0.23 J	7.6	1.2 J
1,3,5-Trimethylbenzene	1.5	Not Detected	7.6	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected	7.6	Not Detected
1,3-Dichlorobenzene	1.5	0.42 J	9.3	2.5 J
1,4-Dichlorobenzene	1.5	0.51 J	9.3	3.1 J
alpha-Chlorotoluene	1.5	0.38 J	8.0	2.0 J
1,2-Dichlorobenzene	1.5	0.34 J	9.3	2.0 J
1,2,4-Trichlorobenzene	6.2	1.7 J	46	12 J
Hexachlorobutadiene	6.2	Not Detected	66	Not Detected
Butane	6.2	Not Detected	15	Not Detected
Isopentane	6.2	Not Detected	18	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	107	70-130

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Client Sample ID: VMP-53-20-071113-R

Lab ID#: 1307201B-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j071209**	**Date of Collection: 7/11/13 12:17:00 PM**	
Dil. Factor:	**3.17**	**Date of Analysis: 7/12/13 02:32 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.57 J	7.8	2.8 J
Freon 114	1.6	Not Detected	11	Not Detected
Chloromethane	16	Not Detected	33	Not Detected
Vinyl Chloride	1.6	Not Detected	4.0	Not Detected
1,3-Butadiene	1.6	Not Detected	3.5	Not Detected
Bromomethane	16	Not Detected	62	Not Detected
Chloroethane	6.3	Not Detected	17	Not Detected
Freon 11	1.6	0.32 J	8.9	1.8 J
Ethanol	6.3	Not Detected	12	Not Detected
Freon 113	1.6	Not Detected	12	Not Detected
1,1-Dichloroethene	1.6	Not Detected	6.3	Not Detected
Acetone	16	42	38	99
2-Propanol	6.3	Not Detected	16	Not Detected
Carbon Disulfide	6.3	1.3 J	20	4.1 J
3-Chloropropene	6.3	Not Detected	20	Not Detected
Methylene Chloride	16	Not Detected	55	Not Detected
Methyl tert-butyl ether	1.6	Not Detected	5.7	Not Detected
trans-1,2-Dichloroethene	1.6	Not Detected	6.3	Not Detected
Hexane	1.6	1.7	5.6	6.2
1,1-Dichloroethane	1.6	Not Detected	6.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.3	Not Detected	19	Not Detected
cis-1,2-Dichloroethene	1.6	Not Detected	6.3	Not Detected
Tetrahydrofuran	1.6	Not Detected	4.7	Not Detected
Chloroform	1.6	Not Detected	7.7	Not Detected
1,1,1-Trichloroethane	1.6	Not Detected	8.6	Not Detected
Cyclohexane	1.6	Not Detected	5.4	Not Detected
Carbon Tetrachloride	1.6	Not Detected	10	Not Detected
2,2,4-Trimethylpentane	1.6	3.5	7.4	16
Benzene	1.6	1.2 J	5.1	3.8 J
1,2-Dichloroethane	1.6	Not Detected	6.4	Not Detected
Heptane	1.6	1.7	6.5	7.0
Trichloroethene	1.6	6.5	8.5	35
1,2-Dichloropropane	1.6	Not Detected	7.3	Not Detected
1,4-Dioxane	6.3	Not Detected	23	Not Detected
Bromodichloromethane	1.6	Not Detected	11	Not Detected
cis-1,3-Dichloropropene	1.6	Not Detected	7.2	Not Detected
4-Methyl-2-pentanone	1.6	Not Detected	6.5	Not Detected
Toluene	1.6	0.50 J	6.0	1.9 J
trans-1,3-Dichloropropene	1.6	Not Detected	7.2	Not Detected
1,1,2-Trichloroethane	1.6	Not Detected	8.6	Not Detected
Tetrachloroethene	1.6	Not Detected	11	Not Detected
2-Hexanone	6.3	Not Detected	26	Not Detected

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Client Sample ID: VMP-53-20-071113-R

Lab ID#: 1307201B-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j071209**	**Date of Collection: 7/11/13 12:17:00 PM**	
Dil. Factor:	**3.17**	**Date of Analysis: 7/12/13 02:32 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.6	Not Detected	14	Not Detected
1,2-Dibromoethane (EDB)	1.6	Not Detected	12	Not Detected
Chlorobenzene	1.6	0.80 J U	7.3	3.7 J U
Ethyl Benzene	1.6	Not Detected	6.9	Not Detected
m,p-Xylene	1.6	0.50 J	6.9	2.2 J
o-Xylene	1.6	0.24 J	6.9	1.0 J
Styrene	1.6	Not Detected	6.8	Not Detected
Bromoform	1.6	Not Detected	16	Not Detected
Cumene	1.6	Not Detected	7.8	Not Detected
1,1,2,2-Tetrachloroethane	1.6	Not Detected U J	11	Not Detected U J
Propylbenzene	1.6	Not Detected	7.8	Not Detected
4-Ethyltoluene	1.6	Not Detected	7.8	Not Detected
1,3,5-Trimethylbenzene	1.6	Not Detected	7.8	Not Detected
1,2,4-Trimethylbenzene	1.6	Not Detected	7.8	Not Detected
1,3-Dichlorobenzene	1.6	0.42 J U	9.5	2.5 J U
1,4-Dichlorobenzene	1.6	0.50 J U	9.5	3.0 J U
alpha-Chlorotoluene	1.6	Not Detected	8.2	Not Detected
1,2-Dichlorobenzene	1.6	Not Detected	9.5	Not Detected
1,2,4-Trichlorobenzene	6.3	1.2 J U	47	8.7 J U
Hexachlorobutadiene	6.3	Not Detected	68	Not Detected
Butane	6.3	Not Detected	15	Not Detected
Isopentane	6.3	3.0 J	19	8.9 J

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	106	70-130

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Client Sample ID: VMP-53-30-0711I3-R

Lab ID#: 1307201B-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j071210	**Date of Collection:**	7/11/13 12:58:00 PM
Dil. Factor:	3.28	**Date of Analysis:**	7/12/13 03:14 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.6	0.67 J	8.1	3.3 J
Freon 114	1.6	Not Detected	11	Not Detected
Chloromethane	16	Not Detected	34	Not Detected
Vinyl Chloride	1.6	Not Detected	4.2	Not Detected
1,3-Butadiene	1.6	Not Detected	3.6	Not Detected
Bromomethane	16	Not Detected	64	Not Detected
Chloroethane	6.6	Not Detected	17	Not Detected
Freon 11	1.6	0.52 J	9.2	2.9 J
Ethanol	6.6	Not Detected	12	Not Detected
Freon 113	1.6	Not Detected	12	Not Detected
1,1-Dichloroethene	1.6	Not Detected	6.5	Not Detected
Acetone	16	5.9 J	39	14 J
2-Propanol	6.6	Not Detected	16	Not Detected
Carbon Disulfide	6.6	1.6 J	20	5.0 J
3-Chloropropene	6.6	Not Detected	20	Not Detected
Methylene Chloride	16	3.5 J	57	12 J
Methyl tert-butyl ether	1.6	Not Detected	5.9	Not Detected
trans-1,2-Dichloroethene	1.6	Not Detected	6.5	Not Detected
Hexane	1.6	1.6 J	5.8	5.5 J
1,1-Dichloroethane	1.6	Not Detected	6.6	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.6	Not Detected	19	Not Detected
cis-1,2-Dichloroethene	1.6	Not Detected	6.5	Not Detected
Tetrahydrofuran	1.6	Not Detected	4.8	Not Detected
Chloroform	1.6	1.1 J	8.0	5.5 J
1,1,1-Trichloroethane	1.6	Not Detected	8.9	Not Detected
Cyclohexane	1.6	Not Detected	5.6	Not Detected
Carbon Tetrachloride	1.6	Not Detected	10	Not Detected
2,2,4-Trimethylpentane	1.6	3.0	7.7	14
Benzene	1.6	1.5 J	5.2	4.8 J
1,2-Dichloroethane	1.6	Not Detected	6.6	Not Detected
Heptane	1.6	1.7	6.7	6.9
Trichloroethene	1.6	0.95 J	8.8	5.1 J
1,2-Dichloropropane	1.6	Not Detected	7.6	Not Detected
1,4-Dioxane	6.6	Not Detected	24	Not Detected
Bromodichloromethane	1.6	Not Detected	11	Not Detected
cis-1,3-Dichloropropene	1.6	Not Detected	7.4	Not Detected
4-Methyl-2-pentanone	1.6	Not Detected	6.7	Not Detected
Toluene	1.6	0.42 J	6.2	1.6 J
trans-1,3-Dichloropropene	1.6	Not Detected	7.4	Not Detected
1,1,2-Trichloroethane	1.6	Not Detected	8.9	Not Detected
Tetrachloroethene	1.6	Not Detected	11	Not Detected
2-Hexanone	6.6	Not Detected	27	Not Detected

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Client Sample ID: VMP-53-30-071113-R

Lab ID#: 1307201B-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j071210**	**Date of Collection: 7/11/13 12:58:00 PM**	
Dil. Factor:	**3.28**	**Date of Analysis: 7/12/13 03:14 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.6	Not Detected	14	Not Detected
1,2-Dibromoethane (EDB)	1.6	Not Detected	13	Not Detected
Chlorobenzene	1.6	0.79 J	7.6	3.6 J
Ethyl Benzene	1.6	Not Detected	7.1	Not Detected
m,p-Xylene	1.6	Not Detected	7.1	Not Detected
o-Xylene	1.6	Not Detected	7.1	Not Detected
Styrene	1.6	Not Detected	7.0	Not Detected
Bromoform	1.6	Not Detected	17	Not Detected
Cumene	1.6	Not Detected	8.1	Not Detected
1,1,2,2-Tetrachloroethane	1.6	Not Detected	11	Not Detected
Propylbenzene	1.6	Not Detected	8.1	Not Detected
4-Ethyltoluene	1.6	Not Detected	8.1	Not Detected
1,3,5-Trimethylbenzene	1.6	Not Detected	8.1	Not Detected
1,2,4-Trimethylbenzene	1.6	Not Detected	8.1	Not Detected
1,3-Dichlorobenzene	1.6	Not Detected	9.9	Not Detected
1,4-Dichlorobenzene	1.6	0.38 J	9.9	2.3 J
alpha-Chlorotoluene	1.6	Not Detected	8.5	Not Detected
1,2-Dichlorobenzene	1.6	Not Detected	9.9	Not Detected
1,2,4-Trichlorobenzene	6.6	Not Detected	49	Not Detected
Hexachlorobutadiene	6.6	Not Detected	70	Not Detected
Butane	6.6	3.7 J	16	8.7 J
Isopentane	6.6	Not Detected	19	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	108	70-130

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Client Sample ID: Lab Blank

Lab ID#: I307201B-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j071206a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/12/13 12:33 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	0.19 J	2.3	0.88 J
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1307201B-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j071206a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/12/13 12:33 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	0.23 J	2.3	1.0 J
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	0.084 J	2.4	0.41 J
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	0.19 J	3.0	1.1 J
1,4-Dichlorobenzene	0.50	0.18 J	3.0	1.1 J
alpha-Chlorotoluene	0.50	0.12 J	2.6	0.61 J
1,2-Dichlorobenzene	0.50	0.16 J	3.0	0.93 J
1,2,4-Trichlorobenzene	2.0	0.65 J	15	4.8 J
Hexachlorobutadiene	2.0	0.48 J	21	5.2 J
Butane	2.0	Not Detected	4.8	Not Detected
Isopentane	2.0	Not Detected	5.9	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	104	70-130

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Client Sample ID: CCV

Lab ID#: 1307201B-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j071202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/12/13 09:56 AM**	

Compound	%Recovery
Freon 12	119
Freon 114	116
Chloromethane	102
Vinyl Chloride	101
1,3-Butadiene	101
Bromomethane	118
Chloroethane	101
Freon 11	124
Ethanol	92
Freon 113	118
1,1-Dichloroethene	109
Acetone	104
2-Propanol	102
Carbon Disulfide	100
3-Chloropropene	97
Methylene Chloride	94
Methyl tert-butyl ether	125
trans-1,2-Dichloroethene	100
Hexane	100
1,1-Dichloroethane	104
2-Butanone (Methyl Ethyl Ketone)	98
cis-1,2-Dichloroethene	96
Tetrahydrofuran	93
Chloroform	112
1,1,1-Trichloroethane	120
Cyclohexane	97
Carbon Tetrachloride	125
2,2,4-Trimethylpentane	96
Benzene	96
1,2-Dichloroethane	119
Heptane	98
Trichloroethene	105
1,2-Dichloropropane	94
1,4-Dioxane	102
Bromodichloromethane	114
cis-1,3-Dichloropropene	98
4-Methyl-2-pentanone	102
Toluene	100
trans-1,3-Dichloropropene	112
1,1,2-Trichloroethane	100
Tetrachloroethene	105
2-Hexanone	102

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Client Sample ID: CCV
Lab ID#: 1307201B-06A
EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j071202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/12/13 09:56 AM**	

Compound	%Recovery
Dibromochloromethane	118
1,2-Dibromoethane (EDB)	107
Chlorobenzene	92
Ethyl Benzene	102
m,p-Xylene	108
o-Xylene	107
Styrene	109
Bromoform	121
Cumene	114
1,1,2,2-Tetrachloroethane	96
Propylbenzene	108
4-Ethyltoluene	119
1,3,5-Trimethylbenzene	107
1,2,4-Trimethylbenzene	111
1,3-Dichlorobenzene	112
1,4-Dichlorobenzene	117
alpha-Chlorotoluene	126
1,2-Dichlorobenzene	115
1,2,4-Trichlorobenzene	124
Hexachlorobutadiene	136 Q
Butane	103
Isopentane	100

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	116	70-130
4-Bromofluorobenzene	111	70-130

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Client Sample ID: LCS
Lab ID#: 1307201B-07A
EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j071203	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 7/12/13 10:46 AM	

Compound	%Recovery
Freon 12	110
Freon 114	108
Chloromethane	90
Vinyl Chloride	98
1,3-Butadiene	92
Bromomethane	98
Chloroethane	93
Freon 11	112
Ethanol	70
Freon 113	110
1,1-Dichloroethene	105
Acetone	88
2-Propanol	96
Carbon Disulfide	112
3-Chloropropene	101
Methylene Chloride	85
Methyl tert-butyl ether	113
trans-1,2-Dichloroethene	100
Hexane	88
1,1-Dichloroethane	94
2-Butanone (Methyl Ethyl Ketone)	86
cis-1,2-Dichloroethene	85
Tetrahydrofuran	80
Chloroform	101
1,1,1-Trichloroethane	110
Cyclohexane	87
Carbon Tetrachloride	115
2,2,4-Trimethylpentane	84
Benzene	93
1,2-Dichloroethane	113
Heptane	92
Trichloroethene	129
1,2-Dichloropropane	90
1,4-Dioxane	100
Bromodichloromethane	107
cis-1,3-Dichloropropene	95
4-Methyl-2-pentanone	97
Toluene	94
trans-1,3-Dichloropropene	106
1,1,2-Trichloroethane	95
Tetrachloroethene	99
2-Hexanone	98

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Client Sample ID: LCS

Lab ID#: 1307201B-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j071203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/12/13 10:46 AM**	

Compound	%Recovery
Dibromochloromethane	109
1,2-Dibromoethane (EDB)	99
Chlorobenzene	87
Ethyl Benzene	95
m,p-Xylene	104
o-Xylene	102
Styrene	104
Bromoform	110
Cumene	108
1,1,2,2-Tetrachloroethane	69 Q
Propylbenzene	103
4-Ethyltoluene	111
1,3,5-Trimethylbenzene	101
1,2,4-Trimethylbenzene	107
1,3-Dichlorobenzene	108
1,4-Dichlorobenzene	112
alpha-Chlorotoluene	118
1,2-Dichlorobenzene	113
1,2,4-Trichlorobenzene	132 Q
Hexachlorobutadiene	138 Q
Butane	96
Isopentane	88

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	110	70-130

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Client Sample ID: LCSD

Lab ID#: 1307201B-07AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j071204**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/12/13 11:19 AM**	

Compound	%Recovery
Freon 12	110
Freon 114	112
Chloromethane	93
Vinyl Chloride	96
1,3-Butadiene	90
Bromomethane	102
Chloroethane	96
Freon 11	113
Ethanol	70
Freon 113	109
1,1-Dichloroethene	107
Acetone	95
2-Propanol	98
Carbon Disulfide	113
3-Chloropropene	100
Methylene Chloride	85
Methyl tert-butyl ether	116
trans-1,2-Dichloroethene	105
Hexane	90
1,1-Dichloroethane	96
2-Butanone (Methyl Ethyl Ketone)	89
cis-1,2-Dichloroethene	85
Tetrahydrofuran	81
Chloroform	102
1,1,1-Trichloroethane	110
Cyclohexane	88
Carbon Tetrachloride	118
2,2,4-Trimethylpentane	85
Benzene	90
1,2-Dichloroethane	108
Heptane	88
Trichloroethene	124
1,2-Dichloropropane	86
1,4-Dioxane	98
Bromodichloromethane	104
cis-1,3-Dichloropropene	94
4-Methyl-2-pentanone	95
Toluene	92
trans-1,3-Dichloropropene	105
1,1,2-Trichloroethane	93
Tetrachloroethene	98
2-Hexanone	97

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Client Sample ID: LCSD

Lab ID#: 130720IB-07AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j071204**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/12/13 11:19 AM**	

Compound	%Recovery
Dibromochloromethane	108
1,2-Dibromoethane (EDB)	100
Chlorobenzene	86
Ethyl Benzene	95
m,p-Xylene	101
o-Xylene	101
Styrene	104
Bromoform	107
Cumene	106
1,1,2,2-Tetrachloroethane	68 Q
Propylbenzene	101
4-Ethyltoluene	110
1,3,5-Trimethylbenzene	100
1,2,4-Trimethylbenzene	104
1,3-Dichlorobenzene	107
1,4-Dichlorobenzene	109
alpha-Chlorotoluene	115
1,2-Dichlorobenzene	111
1,2,4-Trichlorobenzene	131 Q
Hexachlorobutadiene	136 Q
Butane	96
Isopentane	90

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	112	70-130

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7/12/2013
Ms. Elizabeth Kunkel
URS Corporation
1001 Highlands Plaza Dr. West
Suite 300
St. Louis MO 63110

Project Name: Roxana Soil Vapor
Project #: 21562850.04002
Workorder #: 1307201A

Dear Ms. Elizabeth Kunkel

The following report includes the data for the above referenced project for sample(s) received on 7/12/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

Reviewed on 7/12/13

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WORK ORDER #: 1307201A

Work Order Summary

CLIENT:	Ms. Elizabeth Kunkel URS Corporation 1001 Highlands Plaza Dr. West Suite 300 St. Louis, MO 63110	**BILL TO:**	Accounts Payable Austin URS Corporation P.O. BOX 203970 Austin, TX 78720-1088
PHONE:	314-743-4179	**P.O. #**	282676
FAX:		**PROJECT #**	21562850.04002 Roxana Soil Vapor
DATE RECEIVED:	07/12/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	07/12/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VMP-53-5-071113-R	Modified ASTM D-1946	10 "Hg	14.5 psi
02A	VMP-53-10-071113-R	Modified ASTM D-1946	10.6 "Hg	14.7 psi
03A	VMP-53-20-071113-R	Modified ASTM D-1946	11.2 "Hg	14.5 psi
04A	VMP-53-30-071113-R	Modified ASTM D-1946	11.6 "Hg	14.8 psi
05A	Lab Blank	Modified ASTM D-1946	NA	NA
05B	Lab Blank	Modified ASTM D-1946	NA	NA
06A	LCS	Modified ASTM D-1946	NA	NA
06AA	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY: Heidi Hagen DATE: 07/12/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified ASTM D-1946
URS Corporation
Workorder# 1307201A

Four 1 Liter Summa Canister samples were received on July 12, 2013. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane and fixed gases in air using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Since Nitrogen is used to pressurize samples, the reported Nitrogen values are calculated by adding all the sample components and subtracting from 100%.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*ASTM D-1946*	*ATL Modifications*
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The reporting limit for Nitrogen was raised from 0.10% to 0.50%.

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: VMP-53-5-071113-R

Lab ID#: 1307201A-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.40	19
Nitrogen	2.0	79
Carbon Dioxide	0.040	2.4

Client Sample ID: VMP-53-10-071113-R

Lab ID#: 1307201A-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	20
Nitrogen	1.5	78
Carbon Dioxide	0.031	1.9

Client Sample ID: VMP-53-20-071113-R

Lab ID#: 1307201A-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	19
Nitrogen	1.6	79
Carbon Dioxide	0.032	2.1

Client Sample ID: VMP-53-30-071113-R

Lab ID#: 1307201A-04A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.33	18
Nitrogen	1.6	79
Carbon Dioxide	0.033	2.8

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Client Sample ID: VMP-53-5-071113-R

Lab ID#: I307201A-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10071209**	**Date of Collection: 7/11/13 10:47:00 AM**	
Dil. Factor:	**3.95**	**Date of Analysis: 7/12/13 12:17 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.40	19
Nitrogen	2.0	79
Carbon Monoxide	0.040	Not Detected
Methane	0.00040	Not Detected
Carbon Dioxide	0.040	2.4
Ethane	0.0040	Not Detected
Ethene	0.0040	Not Detected
Helium	0.20	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-53-10-071113-R

Lab ID#: 1307201A-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10071208**	**Date of Collection:**	**7/11/13 11:30:00 AM**
Dil. Factor:	**3.09**	**Date of Analysis:**	**7/12/13 11:54 AM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.31	20
Nitrogen	1.5	78
Carbon Monoxide	0.031	Not Detected
Methane	0.00031	Not Detected
Carbon Dioxide	0.031	1.9
Ethane	0.0031	Not Detected
Ethene	0.0031	Not Detected
Helium	0.15	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-53-20-071113-R

Lab ID#: 1307201A-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10071210**	**Date of Collection:**	**7/11/13 12:17:00 PM**
Dil. Factor:	**3.17**	**Date of Analysis:**	**7/12/13 12:43 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.32	19
Nitrogen	1.6	79
Carbon Monoxide	0.032	Not Detected
Methane	0.00032	Not Detected
Carbon Dioxide	0.032	2.1
Ethane	0.0032	Not Detected
Ethene	0.0032	Not Detected
Helium	0.16	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: VMP-53-30-071113-R

Lab ID#: 1307201A-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10071211**	**Date of Collection:**	**7/11/13 12:58:00 PM**
Dil. Factor:	**3.28**	**Date of Analysis:**	**7/12/13 01:43 PM**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.33	18
Nitrogen	1.6	79
Carbon Monoxide	0.033	Not Detected
Methane	0.00033	Not Detected
Carbon Dioxide	0.033	2.8
Ethane	0.0033	Not Detected
Ethene	0.0033	Not Detected
Helium	0.16	Not Detected

Container Type: 1 Liter Summa Canister

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Client Sample ID: Lab Blank

Lab ID#: 1307201A-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10071206a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/12/13 10:54 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	0.018 J
Nitrogen	0.10	0.070 J
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected
Ethane	0.0010	Not Detected
Ethene	0.0010	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

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Client Sample ID: Lab Blank

Lab ID#: 1307201A-05B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10071205c**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/12/13 10:27 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.050	Not Detected

Container Type: NA - Not Applicable

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Client Sample ID: LCS

Lab ID#: 1307201A-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10071202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/12/13 09:06 AM**	

Compound	%Recovery
Oxygen	103
Nitrogen	100
Carbon Monoxide	100
Methane	100
Carbon Dioxide	101
Ethane	100
Ethene	100
Helium	100

Container Type: NA - Not Applicable

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Client Sample ID: LCSD

Lab ID#: 1307201A-06AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**10071203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/12/13 09:36 AM**	

Compound	%Recovery
Oxygen	103
Nitrogen	100
Carbon Monoxide	100
Methane	100
Carbon Dioxide	101
Ethane	99
Ethene	100
Helium	100

Container Type: NA - Not Applicable

APPENDIX B
SVE SYSTEM LEG FLOW RATES

Date	Red Leg Flow[1] (SCFM)	Blue Leg Flow[1] (SCFM)	Green Leg Flow[1] (SCFM)	Teal Leg Flow[1] (SCFM)	Purple Leg Flow[1] (SCFM)	Brown Leg Flow[1] (SCFM)
04/12/12	22	25	68	28	32	30
04/19/12	17	19	45	23	25	23
04/26/12	20	21	36	24	26	24
05/03/12	15	20	59	24	27	27
05/10/12	21	23	67	24	29	29
05/17/12	21	26	70	29	34	32
05/24/12	19	24	63	25	33	31
06/07/12	21	22	62	29	32	31
06/14/12	22	15	65	32	33	32
06/21/12	21	17	71	29	38	33
06/28/12	17	19	68	85	34	29
07/05/12	18	25	67	28	32	29
07/12/12	25	32	77	31	35	35
07/19/12	21	30	74	30	35	32
07/26/12	19	29	76	27	36	33
08/02/12	23	31	81	31	38	35
08/09/12	24	31	79	29	38	35
08/23/12	26	34	85	37	40	40
08/30/12	27	37	90	39	44	43
09/06/12	25	36	87	38	43	44
09/13/12	29	38	91	44	46	48
09/20/12	36	52	86	58	59	63
09/27/12	38	53	121	62	63	64
10/11/12	45	37	129	22	76	77
10/18/12	41	31	111	19	68	69
10/26/12	30	22	103	10	48	53
11/01/12	37	53	122	85	63	64
11/16/12	35	48	115	160	63	61
11/29/12	34	49	116	78	36	59
12/04/12	20	25	55	37	28	28
01/10/13	24	31	67	55	40	35
01/17/13	21	17	63	25	32	31
01/24/13	18	11	68	65	44	31
02/07/13	21	25	51	70	35	36
02/14/13	19	23	45	68	32	33
02/20/13	18	23	45	69	32	31
02/25/13	21	26	52	63	37	35
02/28/13	18	21	47	67	30	29
03/01/13	18	22	48	70	33	34
03/07/13	26	32	69	86	41	40
03/14/13	40	47	117	106	63	63

APPENDIX B
SVE SYSTEM LEG FLOW RATES

Date	Red Leg Flow[1] (SCFM)	Blue Leg Flow[1] (SCFM)	Green Leg Flow[1] (SCFM)	Teal Leg Flow[1] (SCFM)	Purple Leg Flow[1] (SCFM)	Brown Leg Flow[1] (SCFM)
03/21/13	38	47	36	92	77	64
03/28/13	24	27	73	84	43	45
04/01/13	27	33	95	94	52	62
04/12/13	34	41	102	100	61	58
04/18/13	30	36	94	100	76	54
04/25/13	32	38	95	99	77	53
05/02/13	32	36	94	111	53	55
05/09/13	31	35	28	105	80	56
05/10/13	31	37	88	109	62	53
05/16/13	34	39	116	122	88	58
05/22/13	35	43	115	107	64	55
05/23/13	35	43	114	117	57	60
05/30/13	33	43	114	117	58	60
06/03/13	35	41	111	110	57	59
06/06/13	35	39	109	119	61	58
06/13/13	36	43	113	134	54	56
06/27/13	23	26	79	92	38	37

[1]USEPA Method 2 "Determination of Stack Gas Velocity and Volumetric Flow Rate (Type S Pitot Tube)" specifies that a default pitot tube coefficient of 0.99 shall be used to calculate flow if the coefficient is unknown and the tube is designed according to the criteria of Sections 6.7.1 to 6.7.5 of this method. During the 2nd Quarter 2013, a review of the calculation was performed and it was noted that a 0.67 coefficient should be used for the specific pitot tubes used to collect data at the site. URS has corrected the previously calculated mass removal to reflect the 0.67 pitot tube coefficient.

APPENDIX C
TOTAL HEADER HYDROCARBON CONCENTRATIONS

Date	West Fenceline Concentration (ppmv)	Public Works Concentration (ppmv)
04/12/12	134,000	517,000
04/19/12	59,300	611,000
04/26/12	113,000	476,000
05/03/12	87,400	340,000
05/10/12	165,000	410,000
05/17/12	132,000	350,000
05/24/12	115,000	352,000
06/07/12	101,000	203,000
06/14/12	101,000	176,000
06/21/12	117,000	239,000
06/28/12	106,000	292,000
07/05/12	98,100	212,000
07/12/12	85,150	127,000
07/19/12	105,000	225,000
07/26/12	103,000	195,000
08/02/12	103,000	202,000
08/09/12	95,600	154,000
08/23/12	53,800	120,000
08/30/12	76,200	140,000
09/06/12	102,000	181,000
09/13/12	67,200	143,000
09/20/12	68,100	205,000
09/27/12	62,600	156,000
10/11/12	79,900	205,000
10/18/12	47,600	185,000
10/26/12	21,400	176,000
11/01/12	20,200	215,000
11/16/12	25,900	103,000
11/29/12	17,600	191,000
12/06/12	64,300	170,000
01/10/13	69,600	58,500
01/17/13	64,500	40,000
01/24/13	63,000	5,700
02/07/13	53,400	56,200
02/14/13	55,900	41,000
02/20/13	54,900	49,800
02/25/13	60,000	51,600
02/28/13	54,500	40,700
03/01/13	51,600	55,800

APPENDIX C
TOTAL HEADER HYDROCARBON CONCENTRATIONS

Date	West Fenceline Concentration (ppmv)	Public Works Concentration (ppmv)
03/07/13	62,800	58,600
03/14/13	59,170	61,600
03/21/13	50,900	58,400
03/28/13	43,600	14,900
04/01/13	40,800	48,300
04/12/13	43,700	46,100
04/18/13	50,700	59,700
04/25/13	44,900	47,500
05/02/13	47,600	52,800
05/09/13	56,600	60,300
05/10/13	50,300	55,500
05/16/13	46,100	47,300
05/22/13	43,300	49,300
05/23/13	38,200	36,800
05/30/13	41,800	37,900
06/03/13	38,800	48,200
06/06/13	42,400	41,100
06/13/13	45,500	38,800
06/27/13	39,200	40,200

APPENDIX D
SVE SYSTEM FLOW RATES

Date	West Fenceline Header[1] (SCFM)	Public Works Header[1] (SCFM)
04/12/12	177	28
04/19/12	128	23
04/26/12	518	228
05/03/12	523	227
05/10/12	170	242
05/17/12	183	29
05/24/12	238	90
06/07/12	386	29
06/14/12	226	32
06/21/12	240	29
06/28/12	225	85
07/05/12	230	28
07/12/12	244	31
07/19/12	235	30
07/26/12	236	27
08/02/12	208	31
08/09/12	206	29
08/23/12	225	37
08/30/12	243	39
09/06/12	235	38
09/13/12	251	44
09/20/12	297	58
09/27/12	339	62
10/11/12	648	22
10/18/12	605	19
10/26/12	316	10
11/01/12	398	85
11/16/12	323	160
11/29/12	295	78
12/04/12	155	37
01/10/13	198	55
01/17/13	165	25
01/24/13	172	65
02/07/13	167	70
02/14/13	152	68
02/20/13	148	69
02/25/13	172	63
02/28/13	146	67
03/01/13	156	70
03/07/13	207	86
03/14/13	332	106

APPENDIX D

SVE SYSTEM FLOW RATES

Date	West Fenceline Header[1] (SCFM)	Public Works Header[1] (SCFM)
03/21/13	261	92
03/28/13	212	84
04/01/13	269	94
04/12/13	296	100
04/18/13	290	100
04/25/13	294	99
05/02/13	269	111
05/09/13	230	105
05/10/13	271	109
05/16/13	334	122
05/22/13	313	107
05/23/13	308	117
05/30/13	307	117
06/03/13	304	110
06/06/13	302	119
06/13/13	303	134
06/27/13	203	92

[1]USEPA Method 2 "Determination of Stack Gas Velocity and Volumetric Flow Rate (Type S Pitot Tube)" specifies that a default pitot tube coefficient of 0.99 shall be used to calculate flow if the coefficient is unknown and the tube is designed according to the criteria of Sections 6.7.1 to 6.7.5 of this method. During the 2nd Quarter 2013, a review of the calculation was performed and it was noted that a 0.67 coefficient should be used for the specific pitot tubes used to collect data at the site. URS has corrected the previously calculated mass removal to reflect the 0.67 pitot tube coefficient.