Illinois Environmental Protection Agency

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

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/ SOPUS
Street Address 900 South Central Ave.
City Roxana
County Madison
Site No. (IEPA) 1191150002
Site No. (USEPA) ILD080 012 305

2.0 Owner Information

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

3.0 Operator Information

Name Equilon Enterprises LLC d/b/a/ SOPUS
Mail Address 17 Junction Drive PMB #399
City Glen Carbon
State IL Zip Code 62034
Contact Name Kevin Dyer
Contact Title Senior Principal Program Manager
Phone 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;
IEPA Permit Log No. B-43R Date of Last IEPA Letter on Project October 10, 2017
Log No. of Last IEPA Letter on Project B-43R-CA-82,88,94 & 97

☑ Other (describe): Soil Vapor Sampling & SVE Monitoring Report - 2nd Quarter 2019
Does this submittal include groundwater information: ☑ Yes ☐ No
Date of Submittal 7/29/19

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 2019 in the project area located in the Village of Roxana, Illinois.

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 2019 dated 7/29/19. Copy of submittal also sent directly to R. Watson and G. Search of IEPA.

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 Morgan Date: 7/23/19

Title: Senior 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.

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

Professional's Signature: Robert Billman Date: 7/23/19

Professional's Name Robert Billman

Address 100 N. Broadway 20th Floor

City St Louis

State MO Zip Code 63102

Phone 314-429-0100

Professional's Seal:

LICENSED PROFESSIONAL GEOLOGIST
ROBERT B. BILLMAN
196-000646
ILLINOIS

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 LLC

Signature of Laboratory Responsible Officer Date: 6/5/19

Mailing Address of Laboratory

Address 180-B Blue Ravine Rd.

City Folsom

State CA Zip Code 95630

Sepideh Saeedi Vice president-OP

Name and Title of Laboratory Responsible Officer

AECOM
100 N. Broadway,
20th Floor
St. Louis, MO 63102
www.aecom.com

314 429 0100 tel
314 429 0462 fax

July 29, 2019

Mr. Kenneth E. Smith, PE
Manager, Permit Section
Illinois Environmental Protection Agency
Division of Land Pollution Control
Bureau of Land
1021 North Grand Avenue East
Springfield, Illinois 62702

Soil Vapor Sampling and SVE Monitoring Report –2nd Quarter 2019
Roxana, Illinois
1191150002 – Madison County
Equilon Enterprises LLC d/b/a Shell Oil Products US
Log No. B-43R

Dear Mr. Smith:

On behalf of Equilon Enterprises LLC d/b/a Shell Oil Products US (SOPUS), AECOM is submitting the enclosed report for your review. This report includes information required by Condition 11 of the Illinois Environmental Protection Agency's (IEPA) letter dated May 28, 2015.

Copies of this submittal are being sent separately directly to Rob Watson and Gina Search with the IEPA.

If you have any questions during your review, please contact Kevin Dyer, SOPUS Senior Principal Program Manager, at kevin.dyer@shell.com (618/288-7237), or Robert Mooshegian at robert.mooshegian@aecom.com (314/802-1185).

Sincerely,

AECOM, on behalf of Shell Oil Products US

Samuel Fisher
Environmental Scientist

Robert E. Mooshegian, STS
Senior Program Manager

Enclosures: RCRA Corrective Action Certification Form and Report (original plus 1 copy)

cc: Kevin Dyer, SOPUS
Thomas Morgan, Phillips 66
Rob Watson, IEPA, Springfield
Gina Search, IEPA, Collinsville
Yuping Ding, Illinois Department of Public Health
Shannon Haney, Greensfelder, Hemker & Gale P.C.
Repositories – Roxana Public Library, website

AECOM

2nd Quarter 2019 Report

Soil Vapor Sampling and SVE Monitoring Report Roxana, Illinois

Prepared for:
Equilon Enterprises LLC dba Shell Oil Products US
Roxana, Illinois

Project Number: 60592794
July 2019

Table of Contents

1 Introduction 1
2 Description of Subsurface Conditions 3
2.1 Geology 3
2.2 Hydrogeology 3
3 Soil Vapor Sampling and Analytical Procedures 5
3.1 Vapor Monitoring Port Sampling 5
3.2 Health & Safety, Decontamination, and Investigation Derived Waste 7
3.3 Sample Handling and Laboratory Testing 7
3.4 Data Quality Review and Data Management 8
4 Soil Vapor Sampling Results 9
4.1 Data Quality Review Results 9
4.2 Soil Vapor Analytical Results 9
4.3 Conceptual Site Model 10
5 Soil Vapor Extraction System Monitoring 12
5.1 SVE System Operations 12
5.2 SVE Maintenance Activities and Modifications 12
5.3 SVE System Monitoring Results 13
5.4 SVE System Operation Evaluation 14
5.5 SVE System Modification Recommendations 17
6 Conclusions 18
7 References 19

Tables

Table 1 Historical Groundwater Monitoring Well Gauging Results
Table 2 Soil VMP Depths
Table 3 Soil Vapor Sampling – Tedlar® Sampling Data
Table 4 Soil Vapor Screening Criteria
Table 5 Historical Summary of Soil Vapor Analytical Detections and Screening Results: Village – VOCs
Table 6 Historical Summary of Soil Vapor Analytical Detections and Screening Results: Public Works Yard and WRR – VOCs
Table 7 Historical Summary of Soil Vapor Analytical Results – Natural Gases
Table 8 SVE System Monthly Monitoring – SVE Sampling Data
Table 9 SVE System Monthly Monitoring – VMP Sampling Data
Table 10 SVE System Header and Exhaust Analytical Data

Figures

Figure 1 Investigation Area Location Map
Figure 2 Vapor Monitoring Point Sampling Locations
Figure 3 2Q19 Groundwater Contours
Figure 4 2Q19 Vapor Port Screen Comparison to Groundwater Elevations
Figure 5 2Q19 Summary of Benzene Soil Vapor Analytical Results – Village of Roxana
Figure 6 2Q19 Summary of Benzene Soil Vapor Analytical Results – Roxana Public Works Yard Area
Figure 7 2Q19 Summary of Benzene Soil Vapor Analytical Results – WRR
Figure 8 2Q19 Cross-Section with Benzene Soil Vapor Analytical Results – Chaffer Avenue
Figure 9 2Q19 Benzene Soil Vapor Distribution – 5 ft bgs
Figure 10 2Q19 Benzene Soil Vapor Distribution – 10 ft bgs
Figure 11 2Q19 Benzene Soil Vapor Distribution – 25 ft bgs
Figure 12 2Q19 Dissolved Phase Benzene Concentrations in Groundwater
Figure 13 2Q19 Thickness of LNAPL – West Fenceline
Figure 14 SVE System Layout

Appendices

Appendix A Benzene and Methane Charts
Appendix B SVE System Leg Flow Rates
Appendix C SVE System Operating Efficiency and Maintenance Chronology
Appendix D Total Header Hydrocarbon Concentrations
Appendix E SVE System Flow Rates

1 Introduction

AECOM Technical Services, Inc. (AECOM) is submitting this 2nd Quarter 2019 Soil Vapor Sampling and SVE Monitoring Report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (SOPUS). SOPUS has been conducting a subsurface investigation in the Village of Roxana in the area generally bounded by the alley north of East 1st Street, the Roxana Public Works Yard, Illinois Route 111, and the property boundary (a/k/a West Fenceline [WFL]) of the WRB Refining, LP (WRB) 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). 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 Avenue (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 Work Plan. In particular, Comment Number 2 of the March 16, 2011 letter 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 Street and Chaffer Avenue. 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 a September 13, 2012 letter from the IEPA (IEPA, 2012), VMP-29, VMP-30, and VMP-41, located within the Roxana Public Works Yard, were added to the quarterly sampling program during 3rd Quarter 2012 (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.

In 2012, the IEPA additionally 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.

VMP-62 through VMP-64 were installed during the 4th Quarter 2013 (4Q13) in the Village. Monitoring of these VMPs commenced in the 4Q13 sampling event; however, the results were not obtained in time for inclusion in the 4Q13 report, so those data were included in the 1st Quarter 2014 (1Q14) report. The locations of VMPs in the soil vapor sampling network are presented on **Figure 2.**

Based on email correspondence with the IEPA (J. Moore, personal communication to B. Billman, August 2, 2013), the subject reports no longer include copies of the laboratory analytical reports (previously included in appendices). The laboratory reports will continue to be retained in the project files.

The IEPA issued a draft letter on December 26, 2013, finalized on April 9, 2014 (IEPA, 2014), approving certain modifications requested by URS to the subject reports, including the modifications below.

- Tabular data included from the previous year (current quarter and the previous three quarters).
- Charts showing the analytical concentrations of benzene and methane over time.
- Reduction of VMP canister sampling duration from approximately 30 minutes to approximately 5 minutes.

These changes were initiated with the 1Q14 sampling event and have been updated in subsequent reports.

The IEPA issued a letter on May 28, 2015 (IEPA, 2015), approving the corrective action modification requests of two submittals related to the SVE system. This letter is further discussed in **Section 5** of this report.

2 Description of Subsurface Conditions

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 (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 the 2nd Quarter 2019 (2Q19) was at a depth of approximately 28 to 46 feet bgs (approximate elevation of 400.5 to 403 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 Investigation Area. As a result, there is generally a 15 to 30 foot thick vadose (unsaturated) zone in the sand. Groundwater levels in most wells in the Investigation Area have remained similar to those in 1Q19. Water level measurements collected during the 2Q19 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 Toughpad® technology (Toughpad®) and on groundwater field gauging sheets.

There are discontinuous low permeability silt and clay lenses above the water table (approximately 20 to 30 feet bgs) mixed with silt and sand. These lenses are isolated and limited in occurrence. There are additional discontinuous clay lenses at a depth of approximately 35 to 45 feet bgs localized in the area between East 2nd and 4th Street and Chaffer Avenue. These may be above or below the water table depending on groundwater conditions. As a result, the groundwater contours displayed on **Figures 3** and **4** show a slight mounding in this area.

The potentiometric surface observed during the 2Q19 comprehensive groundwater monitoring well gauging[1] (**Figure 3**) illustrates groundwater flow within the Village and WRR. **Figure 4** provides the groundwater potentiometric surface for the Investigation Area in 2Q19.

[1] 2Q19 comprehensive groundwater monitoring well gauging performed April 1-3, 2019.

3 Soil Vapor Sampling and Analytical Procedures

The 2Q19 soil vapor sampling event was performed in accordance with applicable site-specific Standard Operating Procedures (SOPs) that incorporate previous IEPA comments, conditions, and/or modifications. The 2Q19 soil vapor sampling event was conducted April 24 through May 3, and May 28, 2019.

3.1 Vapor Monitoring Port Sampling

The soil vapor sampling network currently consists of 63 VMP locations (**Figure 2**), of which 46 locations are currently being utilized for quarterly sampling. VMPs in the quarterly sampling program are generally screened at four depths[2] 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 (1st interval), blue (2nd interval), green (3rd interval), and red (4th 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. 44R – Soil Vapor Purging and Sampling and ASTM D-7663-12.

Prior to VMP sampling, an initial stainless-steel canister vacuum check was performed. In addition, each sample train was subjected to an isolated vacuum check to ensure that connectors did not leak.

The following steps were used to collect each VMP sample.

- Upon arrival at a sampling location, the sampling crew would open the vapor port vault to visually check integrity of each individual VMP.
- Three well volumes were purged from each VMP prior to sampling using a 60 mL syringe[3]. If the syringe would not retract or produced water when purged, the VMP was presumed to be saturated with water and no sample was collected.
- The sample train was set up and connected directly to the monitoring port using compression ferrule connections. Each flow controller is pre-set by the laboratory to collect the sample over a five minute period. The 1-Liter stainless-steel canisters collect samples at a rate of approximately 167 mL/min, which is lower than the maximum sample collection rate identified in the IEPA Tiered Approach to Corrective Action Objectives (approximately 200 mL/min). Once the sample train was assembled, a vacuum leak check was performed.
- An enclosure was then placed over the VMP and assembled sample train. 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.

[2] With the exception of single shallow ports at VMP-17, 18, 19, three ports at VMP-41 through VMP-45, VMP-56 and VMP-57, and five ports at VMP-3.
[3] 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).

- After introducing helium into shroud, a Tedlar® bag sample was collected using a peristaltic pump. A Dielectric Technologies MGD-2002 (MGD-2002) field analyzer was then used to detect possible helium within the Tedlar® bag sample.
- Once the initial helium leak check was completed, the stainless-steel canister valve was opened to collect a sample for approximately five minutes or until a vacuum gauge reading of 5 inches Hg was observed. After sample completion, the stainless-steel canister valve was closed.
- 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 either a Thermo Scientific TVA 1000 Vapor Analyzer or a RAE® Systems MiniRae 3000 - 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.
- 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 recorded.
- 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 and ended at the same time.

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

Additional Notes on VMP Sampling

Saturated VMP Screens – The groundwater monitoring well gauging results suggested that 17 of the VMP screens were submerged beneath the water table (or a temporary water condition) during 2Q19; details are provided below. This is a relatively greater number of VMPs as compared to typical quarters, and is believed to be in part the result of heavy rains during the sampling event.

- One 1st interval VMP, VMP-55-5, held vacuum during the attempted purge and was most likely submerged. The screen for VMP-55-5 is within fill material, and it is not unusual for shallow water to be trapped in the fill.
- Four 2nd interval VMPs, VMP-22-10, VMP-25-9.5, VMP-52-10, and VMP-55-10, held vacuum during the attempted purge and were most likely submerged. The screens for VMP-25-9.5 and VMP-55-10 are within fill material, and it is not unusual for shallow water to be trapped in the fill.
- Two 3rd interval VMPs, VMP-25-21 and VMP-48-20, held vacuum during the attempted purge and were most likely submerged.
- Nine 4th interval VMPs, VMP-1-38.5, VMP-2-42, VMP-4-39, VMP-12-39, VMP-15-29, VMP-29-40, VMP-30-40, VMP-55-30, and VMP-64-28 held vacuum during the attempted purge and were most likely submerged.
- The 5th interval VMP, VMP-3-39, held vacuum during the attempted purge and was most likely submerged.

VMPs that were submerged and could not be sampled during 2Q19 are identified on **Figures 4** through **6**.

Re-samples – One VMP port was resampled in 2Q19.

VMP-45-30 was re-sampled on May 28, 2019, after the initial sample indicated elevated helium at the laboratory.

The field data from the samples are provided on **Table 3**.

3.2 Health & Safety, Decontamination, and Investigation Derived Waste

Health & Safety

The quarterly sampling activities were performed in accordance with the project-specific Health and Safety Plan (HASP), dated November 1, 2018 (AECOM, 2018a).

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 (now known as Task Hazard Assessments [THAs]) were prepared to address task specific safety concerns.

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 3000 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 Liquinox® and distilled water. For stainless steel vapor sampling equipment, a 60 mL syringe 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 have 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 an 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 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.

AECOM worked with the laboratory to attain reporting limits for compounds that have screening criteria so that, to the extent possible, the reporting limits 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 AECOM 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 the 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 AECOM. One hundred percent of the data were subjected to a data quality review. Evaluation of the data followed procedures outlined in the USEPA National Functional Guidelines for Superfund Organic Methods Data Review (USEPA, 2017). 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 AECOM, as appropriate, and are included on the data tables and laboratory result pages. Laboratory reports are included in the project files.

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 (IEPA, 2013) and are shown on **Table 4**. Not all TO-15 Method constituents have TACO Tier 1 screening criteria.

Field data and documentation collected as part of this scope of work became part of the project file. AECOM 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 Toughpad®.
- Safety documentation.

4 Soil Vapor Sampling Results

4.1 Data Quality Review Results

A total of 154 investigative samples (153 samples plus the re-sample at VMP-45-30) and 17 field duplicate samples were collected from VMPs for analysis of VOCs (TO-15 analytes) and natural gases. Results qualified by AECOM due to method blank contamination, field duplicate results, and quality control sample recoveries are specified in the data reviews, which are retained in the project file. 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 2Q19 sampling event:

TO-15 Detections	
Acetone	Isopentane
Benzene	Isopropy benzene (Cumene)
Bromodichloromethane	n-Propylbenzene
Butane	2-Propanol
2-Butanone	Tetrachloroethene
Chloroform	Tetrahydrofuran
Cyclohexane	Toluene
Dichlorodifluoromethane	Trichlorofluoromethane
Ethanol	1,2,4-Trimethy benzene
Ethy benzene	1,3,5-Trimethy benzene
4-Ethyltoluene	2,2,4-Trimethylpentane
Heptane	m,p-Xylene
Hexane	o-Xylene

No new analytes were detected in 2Q19. In addition to this list, several analytes were detected at estimated concentrations below the reporting limit. A cumulative tabular summary of the analytical results for the Village is presented in **Table 5**. A tabular summary of data for the Roxana Public Works Yard and WRR is 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-32, VMP-42 through VMP-45, VMP-47 through VMP-54, VMP-56, and VMP-62 through VMP-64 (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 Roxana Public Works Yard or WRR) were compared against the industrial/commercial screening criteria. A cumulative tabular summary of the results for natural gases is presented in **Table 7**.

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 0.0007 mg/m^3 (VMP-4-5) to 880 mg/m^3 (VMP-56-38.5). The results for samples collected in the Village indicate that one sample at one location (VMP-56; 38.5 ft. bgs) had a benzene concentration above the residential screening criterion (0.37 mg/m^3) during this sampling event. The historical results for benzene in soil vapor for samples collected in the Village are depicted on **Figure 5.**

Roxana Public Works Yard Area

Benzene concentrations from locations within the Roxana Public Works Yard and the area along Illinois Route 111 and Rand Avenue ranged from an estimated 0.0011 mg/m^3 (VMP-10-10) to 0.032 mg/m^3 (VMP-15-25.5). The results of samples collected from the Roxana Public Works Yard area indicate that no samples exceeded the commercial/industrial screening criterion (2.8 mg/m^3) for benzene. The historical results for benzene in soil vapor for samples collected in the Roxana Public Works Yard are depicted on **Figure 6**.

WRR

Benzene was not detected in any samples collected at the two locations sampled in the WRR in 2Q19. The historical results for benzene in soil vapor for samples collected in the WRR are depicted on **Figure 7**.

Benzene and Methane Charts

Charts of historical analytical benzene and methane concentrations for each VMP are depicted in **Appendix A**.

Natural Gas Data

Natural gas data indicate that, where petroleum impacts are present, the concentration of methane increases from shallow to deep sample depths, while oxygen concentrations decrease from shallow to deep sample depths (methane and oxygen are generally inversely correlated in soil vapor). Over time, the trend in oxygen levels in most VMPs has been generally increasing 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 are in the range of 19% to 20.9% in most VMPs closer to the SVE system (e.g., along Chaffer Avenue) 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 1st Quarter 2012 (1Q12) sampling effort. The objective of the SVE system is to mitigate vapors along the WFL 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. Construction of the red line extension portion of the SVE system was completed during 4Q13, and this portion became operational on October 23, 2013. Construction of the blue line extension portion of the SVE system was completed during 4Q14, and this portion became operational on November 5, 2014. Refer to **Section 5.1** for further discussion on SVE system operation. **Figure 8** presents a cross-section along Chaffer Avenue 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. Depending on groundwater fluctuations there can be up to 30 feet of open vadose zone which allows for biodegradation of constituents in soil vapor as they slowly diffuse upwards.

C Tech Development Corporation's Mining Visualization System PRO, Version 9.94 (MVS-PRO) was used to model the estimated distribution of benzene in the soil vapor above IEPA TACO screening criteria for 2Q19. **Figure 9**, **Figure 10**,

and **Figure 11** present a horizontal distribution of benzene at 5, 10, and 25 ft. bgs, respectively. Contour lines are not depicted on Figures 9 and 10 as sample concentrations at the 5 and 10 ft. depths across the study area were below the residential screening criterion (0.37 mg/m^3).

Groundwater Monitoring Well Gauging and Sampling

The results for groundwater monitoring well gauging and sampling are presented in the Interim Groundwater Monitoring Program – 2nd Quarter 2019 Report (AECOM, 2019). **Figure 12** presents the estimated distribution of dissolved phase benzene in the groundwater. Light non-aqueous phase liquid (LNAPL) thicknesses observed during the 2Q19 comprehensive monitoring well gauging are presented in **Table 1** and shown on **Figure 13**.

5 Soil Vapor Extraction System Monitoring

As requested in IEPA's September 13, 2012 letter (IEPA, 2012), this section addresses operation of the SVE system. As such, the discussion in this section will address operation of the SVE system during 2Q19.

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, 2013), URS designed and constructed a SVE system along the WFL and within the Roxana Public Works Yard.

The SVE system consists of 45 SVE wells, 30 of which are located along the WFL, nine are located in the Village along East 4th Street west of Chaffer Avenue, and six are located in the Roxana 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"). 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 system fan 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.

During 3Q13, URS designed an extension to the northernmost extent of the WFL portion of the SVE system. Five additional SVE wells (SVE wells 37 through 41) and six additional VMPs (VMPs 56 through 61) were installed in August 2013 for extension of the red header line, which was completed in October 2013. All newly installed SVE wells were open and on-line by November 2013. Details associated with this system extension were documented in the SVE System Construction Completion Report Addendum No. 2, dated January 2014 (URS, 2014). During 3Q14 and 4Q14, AECOM designed and constructed an extension to the WFL portion of the SVE system on Shell-owned properties adjacent to 4th Street and Chaffer Avenue in Roxana, IL. Six additional SVE wells (SVE wells 42 through 47) were brought on-line in November 2014.

The IEPA issued a letter on May 28, 2015 (IEPA, 2015) approving the corrective action modification requests of August 16, 2013, which included activities to study potential enhancement of the existing SVE system near the corner of 4th Street and Chaffer Avenue. The IEPA 2015 letter also approved the March 4, 2015 SVE System Construction Completion Report Addendum No. 3.

5.1 SVE System Operations

Approximately 656 gallons of condensate from the Public Works aboveground storage tank (AST) was removed in 2Q19, as compared to 2,300 gallons in 1Q19. Condensate from the Public Works AST was transported to the Heritage Environmental Services facility in Indianapolis, Indiana for treatment. Approximately 1,590 gallons of condensate from the WFL AST was removed in 2Q19, as compared to 6,087 gallons in 1Q19. Condensate from the WFL AST was transported to Site 9 within the WRR for treatment and discharge through the National Pollutant Discharge Elimination System (NPDES) permitted wastewater treatment plant. SVE system VLS cleaning activities during 2Q19 generated approximately 5 pounds of solids.

5.2 SVE Maintenance Activities and Modifications

Scheduled system maintenance was performed as outlined in the manufacturers' suggested operations and maintenance (O&M) documents in the SVE Operations and Maintenance Plan – WRB Refining LP, Wood River Refinery & Roxana Public Works Site (AECOM, 2018b). The scheduled maintenance includes routine lubrication, inspection of belts, oil levels, and emergency cutoffs, along with water levels and associated switches with the VLS units. The SVE system is shut down during periods of maintenance as a safety precaution. Timing and frequency of maintenance activities is dependent on the specific item. 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 vault inspections were also conducted on a monthly basis. The filters associated with the different system components are changed, as needed.

An annual Preventative Maintenance Evaluation (PME) was conducted on the RTO and associated components in 2Q19. The PME is conducted yearly by the RTO manufacturer to check components, alarms, and general system condition. The SVE system was shut down at 9:23 a.m. on April 11, 2019 to allow it to cool in preparation for the PME, and restarted at 2:32 p.m. on April 18, 2019 following completion of the PME. The system was shut down for a total of 173 hours and 9 minutes for the PME and associated activities. Notifications of the SVE system shutdown and restart were provided to the IEPA via email on April 11, 2019 and April 18, 2019, respectively. The RTO and associated components were found to be in good condition during the PME. The RTO poppet valve assembly was replaced as part of planned maintenance during the PME. A chronology of maintenance and operation activities associated with the system during 2Q19 can be found in **Appendix C.**

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.

5.3 SVE System Monitoring Results

The results of field screening samples collected during monthly effectiveness monitoring of the SVE wells and VMPs can be found in **Tables 8** and **9**, respectively. The results of the header and RTO exhaust analytical data can be found in **Table 10**. The data required pursuant to Condition Number 11 of the September 13, 2012 letter are contained in those tables.

SVE Well & VMP Tedlar® Sampling Details:

SVE and VMP well locations sampled during 2Q19 (listed below) are shown on **Figure 14**.

- SVE wells operating during the 2Q19 effectiveness monitoring events were:
  - SVE-3R, SVE-42, SVE-45, and SVE-47[4] are located in the Village.
  - SVE-11, SVE-12, SVE-13, SVE-17, SVE-18, SVE-19, SVE-20, SVE-30 through SVE-33, and SVE-38 through SVE-40 are located on WRR North Property.
  - SVE-24 and SVE-27 are located in the Roxana Public Works Yard.
  - Samples were collected from all operating SVE wells during 2Q19 effectiveness monitoring events.
- Fifty-one VMP locations were sampled monthly during 2Q19 with one duplicate sample taken per twenty samples.
  - VMP-1 through VMP-7, VMP-9, VMP-18, VMP-19, VMP-32, VMP-42 though VMP-45, VMP-47 through VMP-54, VMP-56, and VMP-62 through VMP-64 are located in the Village.
  - VMP-12, VMP-33 through VMP-40, VMP-46, and VMP-57 through VMP-61 are located on WRR North Property.
  - VMP-10, VMP-11, VMP-13, VMP-14, VMP-17, VMP-29, VMP-30, and VMP-41 are located in the Roxana Public Works Yard.
  - VMP-55 is located on an IDOT right-of-way west of the Roxana Public Works Yard.

With the exception of VMP-3, VMP-17, VMP-18, and VMP-19, VMP locations contain either 3 or 4 screen depths between 5 feet and 42 feet bgs. Location VMP-3 contains 5 screen depths, and locations VMP-17, VMP-18, and VMP-19 contain only one. VMP depths are provided in **Table 2**.

[4] SVE-13, SVE-17, SVE-18, SVE-19, and SVE-47 are currently being utilized to provide dilution air to the system.

SVE System Monitoring Results:

- The removal of hydrocarbons at the Investigation Area has continued due to daily operation and adjustments of the SVE system. Natural gas is used as supplemental fuel for the RTO. See hydrocarbon mass removal calculation discussion details in **Section 5.4**.
- In 2Q19, the valves on four SVE wells were adjusted due to changing groundwater conditions:
    - SVE-45
        - May 8, 2019 – Closed
        - May 10, 2019 – Open 25%
        - May 24, 2019 – Open 50%
        - June 4, 2019 - Closed
    - SVE-24 and SVE-27
        - May 10, 2019 – Open 75%
        - May 30, 2019 – Open 100%
    - SVE-3R was adjusted from 100% to 75% open on June 25, 2019.
- SVE-17 was opened on June 5, 2019 to provide additional dilution air to the system.
- Vacuum measurements are collected monthly at the operating SVE wells and selected VMPs within the Village and WRR. Vacuum influence from the SVE system has been observed at VMP locations along the WFL and in the Roxana Public Works Yard. Vacuum readings have generally remained consistent at VMP locations during 2Q19. Vacuum data can be found in **Tables 8** and **9**.
- Air flow data collected from each SVE leg located at the RTO were obtained and can be found in **Appendix B**.
- WFL header concentrations and hydrocarbon mass removal increased in 2Q19. PW header concentrations and mass removal decreased in 2Q19. See hydrocarbon mass removal calculation discussion details in **Section 5.4**.
- During 2Q19, LNAPL was observed in SVE-3R and SVE-45. The screened interval for these locations was installed in the vadose zone above the groundwater table. Groundwater monitoring wells in the vicinity of SVE-3R and SVE-45 did not contain LNAPL in 2Q19; therefore the LNAPL observed originates in the vadose zone and not the groundwater. During 2Q19 no LNAPL was recovered from the SVE wells because LNAPL thickness did not meet the 0.2 ft criterion for recovery.
- 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 SVE System Operation Evaluation

For the months of April, May, and June 2019, the system uptime was 75.86%, 99.87%, and 99.57%, respectively. As mentioned previously, downtime in April is related to the PME.

April			May			June		
Total Time	Total Uptime	Percentage Uptime	Total Time	Total Uptime	Percentage Uptime	Total Time	Total Uptime	Percentage Uptime
720 hours	546.18 hours	75.86%	744 hours	743.04 hours	99.87%	720 hours	716.91 hours	99.57%

During 2Q19 the SVE system experienced four unplanned periods of downtime:

- On June 4, 8, and 26, 2019 the system experienced shut down alarms associated with the system VFD, which were likely caused by interruptions in power. The system was shut down for 58 minutes, 25 minutes, and 25 minutes, respectively.

- On June 19, 2019 the system was shut down to facilitate an off-site electrical transformer replacement by Ameren Illinois. The system was shut down at approximately 1:25 p.m. and was brought back online at 2:42 p.m. The system was down for approximately 1 hour and 17 minutes.

The remainder of downtime in 2Q19 was associated with routine (planned) maintenance activities. A summary table of system downtime by date for 2Q19 and the maintenance log can be found in **Appendix C**.

Due to changing system and environmental conditions, the amount of water introduced into the system varies and can accumulate in the piping which can inhibit air flow. Because water accumulates in the system piping, a periodic "sweeping" of the lines is required to purge the piping of accumulated water. By opening the well cap at the extraction well, ambient air is introduced to the piping at a high rate of flow forcing the water through the piping and sweeping it into the VLS units. Line sweeping was performed nine times in 2Q19.

The three supplementary dilution lines associated with the system intake are typically closed. The manual dilution valve is also typically adjusted in small increments (usually <5%) and the system is closely monitored following system adjustments. A summary table describing supplemental dilution utilization can be found in **Appendix C**.

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 10**. A FID calibrated with methane gas was used to measure total hydrocarbon concentrations in samples collected from the WFL Header and the Public Works Header. Total header hydrocarbon concentrations are included in **Appendix D**.

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 treatment 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[5]. The flow rates for the appropriate legs were summed to determine flow rates in the WFL Header and the Public Works Header. Flow rates are included in **Appendix E**. Only flow rates and concentrations samples taken on the same day were used to calculate mass removal.

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

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

$Where$:

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

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

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

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

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

[5] 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 (2Q13), 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. AECOM has corrected the previously calculated mass removal to reflect the 0.67 pitot tube coefficient.

$Unit\ conversions$:

$$60\ minutes\ per\ hour$$

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

$$2000\ pounds\ per\ tons$$

Header analytical results from **Table 10** were used to estimate vapor molecular weights in the WFL and Public Works headers. Based on the soil vapor analytical results of the WFL and Public Works header samples, the calculated molecular weights for this reporting period, 25.7 lb/lb-mole and 18.9 lb/lb-mole for the WFL and Public Works headers, respectively, were used to convert header hydrocarbon volume concentrations (ppmv) to mass concentrations (lb/SCF) in 2Q19.

The molecular weights, which are recalculated every quarter, are the average weight of all samples taken during a given quarter. 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 Fenceline Mass (tons)	Public Works Mass (tons)	Quarterly Mass (tons)	Cumulative Mass Removed (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
3Q13	68	26	94	576
4Q13	89	37	126	702
1Q14	72	22	94	796
2Q14	83	36	119	915
3Q14	94	34	128	1,043
4Q14	106	33	139	1,182
1Q15	167	42	209	1,391
2Q15	174	52	226	1,617
3Q15	137	48	185	1,802
4Q15	111	35	146	1,948
1Q16	91	23	114	2,062
2Q16	78	24	102	2,164
3Q16	57	24	81	2,245
4Q16	32	7	39	2,284
1Q17	38	6	44	2,328
2Q17	51	4	55	2,383
3Q17	33	6	39	2,422
4Q17	33	12	45	2,467
1Q18	36	25	61	2,528
2Q18	54	25	79	2,607
3Q18	59	21	80	2,687
4Q18	50	17	67	2,754
1Q19	52	25	77	2,831
2Q19	69	13	79	2,913

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 vacuum to areas with higher hydrocarbon concentrations.

6 Conclusions

AECOM conducted the 2Q19 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 2Q19:

- Soil vapor samples were collected from 46 locations and 153 ports during 2Q19.
- Benzene concentrations within the Village range from less than one part per billion (ppb) in the shallow samples to hundreds of parts per million (ppm) in one deep sample. The residential screening criterion was exceeded at one VMP within the Village, VMP-56 (38.5 feet bgs).
- Benzene concentrations within Roxana Public Works Yard and WRR range from less than one ppb in the most shallow samples to less than 20 ppb in the deeper samples. The commercial/industrial screening criterion was not exceeded at any VMPs located at the Public Works Yard or WRR.
- As presented in detail above, the SVE system continues to operate efficiently and effectively.

Limitations:

SOPUS shall have the right to make and retain copies and use all Work Product provided. However, such use shall be limited to the particular Site and project for which the Work Product is provided. SOPUS and its agents may release the Work Product to third parties at its sole risk and discretion. This report is based on data, site conditions, and other information that is generally applicable as of the date of this report, and the conclusions and recommendations herein are therefore applicable only to that time frame and to the report in its entirety.

Data may have been provided to AECOM by SOPUS or a third party and used in preparing this report. AECOM has relied on this information as furnished, and is neither responsible for, nor has confirmed the accuracy of this information.

7 References

AECOM, 2018 (AECOM, 2018a); Shell Project HAZWOPER Health and Safety Plan - Rand Avenue, Roxana/Route 111, and WRR Investigation and Remediation; Prepared for Shell Oil Products US (SOPUS); dated November 1, 2018.

AECOM, 2018; (AECOM, 2018b); SVE Operations and Maintenance Plan – WRB Refining LP, Wood River Refinery & Roxana Public Works Site; Prepared for Shell Oil Products US (SOPUS); dated February 2018

AECOM, 2019; (AECOM, 2019); Interim Groundwater Monitoring Program – 2nd Quarter 2019 – Roxana, Illinois; Prepared for Shell Oil Products US (SOPUS); dated July 2019.

Illinois Environmental Protection Agency (IEPA), 2009; (IEPA, 2009); Letter providing approval with comments and modifications of the SOPUS, 2009B work plan. Issued to Shell Oil Products US (SOPUS), dated May 12, 2009.

Illinois Environmental Protection Agency (IEPA), 2010; (IEPA, 2010); Letter providing approval with comments the SOPUS 2010 Delineation Report. Issued to Shell Oil Products US (SOPUS), dated August 5, 2010.

Illinois Environmental Protection Agency (IEPA), 2011; (IEPA, 2011); Response to December 31, 2010 submittal. Issued to Shell Oil Products US (SOPUS), dated March 16, 2011.

Illinois Environmental Protection Agency (IEPA), 2012; (IEPA, 2012); Response to June 13, 2011; July 20, 2011; September 28, 2011, and May 31, 2012 submittals. Issued to Shell Oil Products US (SOPUS), dated September 13, 2012.

Illinois Environmental Protection Agency (IEPA), 2013; (IEPA, 2013); Tiered Approach to Corrective Action Objectives 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. Effective July 15, 2013 from www.ipcb.state.il.us/documents/dsweb/Get/Document-38408.

Illinois Environmental Protection Agency (IEPA), 2014; (IEPA, 2014); Response to August 21, 2013; September 13, 2013, and September 19, 2013 submittals. Issued to Shell Oil Products US (SOPUS), dated April 9, 2014.

Illinois Environmental Protection Agency (IEPA), 2015; (IEPA, 2015); Response to August 16, 2013 and March 4, 2015 submittals. Issued to Shell Oil Products US (SOPUS), dated May 28, 2015.

Ririe, G. T., R. Sweeney, S. Daugherty, and P. Peuron. 1998. A Vapor Transport Model That is Consistent with Field and Laboratory Data. In: Proceedings of the Petroleum Hydrocarbons and Organic Chemicals in Ground Water Conference, American Petroleum Institute and the National Ground Water Association, Houston, TX.

URS Corporation (URS), 2010; (URS, 2010a); Dissolved Phase Groundwater Investigation and P-60 Free Phase Product Delineation Report - Roxana, Illinois; Prepared for Shell Oil Products US (SOPUS); dated February 18, 2010.

URS Corporation (URS), 2010; (URS, 2010b); Addendum to February 2010 Report - Supplemental Investigation Activities - Roxana, Illinois; Prepared for Shell Oil Products US (SOPUS); dated September 20, 2010.

URS Corporation (URS), 2011; (URS, 2011a); Soil Vapor Sampling – 1st Quarter 2011 - Roxana, Illinois; Prepared for Shell Oil Products US (SOPUS); dated June 2011.

URS Corporation (URS), 2011; (URS, 2011b); Conceptual/Final Design Report – Roxana, Illinois; Prepared for Shell Oil Products US (SOPUS); dated June 2011.

URS Corporation (URS), 2012; (URS, 2012); SVE System Construction Completion Report – Roxana, Illinois; Prepared for Shell Oil Products US (SOPUS); dated May 2012.

URS Corporation (URS), 2013; (URS, 2013); SVE System Construction Completion Report Addendum – Roxana, Illinois; Prepared for Shell Oil Products US (SOPUS); dated February 2013.

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

US Environmental Protection Agency (USEPA), January 1995; (USEPA, 1995); AP-42 Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fifth Edition, Appendix A.

US Environmental Protection Agency (USEPA), January 2017; (USEPA, 2017); Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review.

Tables

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 01											
3Q16	442.65	7/5/2016	NE	39.32	NA	NA	NA	403.33	393.85 - 383.85 (48.80 - 58.80)	0.8	*
4Q16		10/3/2016	NE	38.74	NA	NA	NA	403.91		0.6	*
1Q17		1/16/2017	NE	38.35	NA	NA	NA	404.30		2.7	*
2Q17		4/3/2017	NE	38.72	NA	NA	NA	403.93		0.0	*
3Q17		7/5/2017	NE	37.24	NA	NA	NA	405.41		11.3	*
4Q17		10/2/2017	NE	37.62	NA	NA	NA	405.03		0.1	*
1Q18		1/2/2018	NE	39.42	NA	NA	NA	403.23		2.6	*
2Q18		4/2/2018	NE	40.76	NA	NA	NA	401.89		0.0	*
3Q18		7/2/2018	NE	41.36	NA	NA	NA	401.29		0.0	*
4Q18		10/1/2018	NE	41.25	NA	NA	NA	401.40		0.0	*
1Q19		1/2/2019	NE	41.04	NA	NA	NA	401.61		0.0	*
2Q19		4/1/2019	NE	41.00	NA	NA	NA	401.65		0.0	*
MW 02											
3Q16	443.77	7/5/2016	NE	40.64	NA	NA	NA	403.13	393.90 - 383.90 (49.87 - 59.87)	123	*
4Q16		10/3/2016	NE	40.11	NA	NA	NA	403.66		177	*
1Q17		1/16/2017	NE	39.58	NA	NA	NA	404.19		118	*
2Q17		4/3/2017	NE	39.97	NA	NA	NA	403.80		181	*
3Q17		7/5/2017	NE	38.69	NA	NA	NA	405.08		365	*
4Q17		10/2/2017	NE	38.87	NA	NA	NA	404.90		15000	*
1Q18		1/2/2018	NE	41.27	NA	NA	NA	402.50		106	*
2Q18		4/3/2018	NE	41.84	NA	NA	NA	401.93		62.2	*
3Q18		7/2/2018	NE	42.78	NA	NA	NA	400.99		70.0	*
4Q18		10/1/2018	NE	42.68	NA	NA	NA	401.09		1460	*
1Q19		1/2/2019	NE	42.44	NA	NA	NA	401.33		118	*
2Q19		4/1/2019	NE	42.49	NA	NA	NA	401.28		250	*
MW 03											
3Q16	430.08	7/5/2016	NE	26.46	NA	NA	NA	403.62	395.41 - 385.41 (34.67 - 44.67)	0.0	*
4Q16		10/3/2016	NE	25.71	NA	NA	NA	404.37		0.3	*
1Q17		1/16/2017	NE	25.65	NA	NA	NA	404.43		0.2	*
2Q17		4/3/2017	NE	26.10	NA	NA	NA	403.98		0.0	*
3Q17		7/5/2017	NE	24.17	NA	NA	NA	405.91		3.1	*
4Q17		10/2/2017	NE	24.98	NA	NA	NA	405.10		0.0	*
1Q18		1/2/2018	NE	27.17	NA	NA	NA	402.91		0.4	*
2Q18		4/2/2018	NE	28.03	NA	NA	NA	402.05		0.0	*
3Q18		7/2/2018	NE	28.32	NA	NA	NA	401.76		0.2	*
4Q18		10/1/2018	NE	28.20	NA	NA	NA	401.88		0.0	*
1Q19		1/2/2019	NE	27.95	NA	NA	NA	402.13		0.0	*
2Q19		4/1/2019	NE	27.85	NA	NA	NA	402.23		0.0	*
MW 04											
3Q16	441.14	7/5/2016	NE	37.87	NA	NA	NA	403.27	396.08 - 386.08 (45.06 - 55.06)	48.1	*
4Q16		10/3/2016	NE	37.13	NA	NA	NA	404.01		48.6	*
1Q17		1/16/2017	NE	36.84	NA	NA	NA	404.30		24.2	*
2Q17		4/3/2017	NE	37.17	NA	NA	NA	403.97		24.8	*
3Q17		7/5/2017	NE	35.65	NA	NA	NA	405.49		10.6	*
4Q17		10/2/2017	NE	36.20	NA	NA	NA	404.94		0.2	*
1Q18		1/2/2018	NE	38.46	NA	NA	NA	402.68		1.9	*
2Q18		4/2/2018	NE	39.26	NA	NA	NA	401.88		29.2	*
3Q18		7/2/2018	NE	39.73	NA	NA	NA	401.41		0.0	*
4Q18		10/1/2018	NE	39.64	NA	NA	NA	401.50		0.0	*
1Q19		1/2/2019	NE	39.38	NA	NA	NA	401.76		0.0	*
2Q19		4/1/2019	NE	39.27	NA	NA	NA	401.87		0.0	*
MW 05											
3Q16	429.80	7/5/2016	NE	26.25	NA	NA	NA	403.55	395.83 - 385.83 (33.97 - 43.97)	3.3	*
4Q16		10/3/2016	NE	25.41	NA	NA	NA	404.39		0.4	*
1Q17		1/16/2017	NE	25.33	NA	NA	NA	404.47		2.0	*
2Q17		4/3/2017	NE	25.75	NA	NA	NA	404.05		3.5	*
3Q17		7/5/2017	NE	23.96	NA	NA	NA	405.84		0.3	*
4Q17		10/2/2017	NE	24.78	NA	NA	NA	405.02		0.0	*
1Q18		1/2/2018	NE	27.01	NA	NA	NA	402.79		0.1	*
2Q18		4/2/2018	NE	27.73	NA	NA	NA	402.07		0.0	*
3Q18		7/2/2018	NE	27.99	NA	NA	NA	401.81		0.1	*
4Q18		10/2/2018	NE	27.93	NA	NA	NA	401.87		0.0	*
1Q19		1/2/2019	NE	27.64	NA	NA	NA	402.16		0.0	*
2Q19		4/1/2019	NE	27.50	NA	NA	NA	402.30		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 06A											
3Q16	432.14	7/7/2016	NE	28.40	NA	NA	NA	403.74	397.31 - 387.31 (34.83 - 44.83)	0.0	*
4Q16		10/3/2016	NE	27.51	NA	NA	NA	404.63		0.7	*
1Q17		1/16/2017	NE	27.43	NA	NA	NA	404.71		0.4	*
2Q17		4/3/2017	NE	27.78	NA	NA	NA	404.36		1.4	*
3Q17		7/5/2017	NE	26.11	NA	NA	NA	406.03		0.2	*
4Q17		10/2/2017	NE	26.98	NA	NA	NA	405.16		0.0	*
1Q18		1/2/2018	NE	29.18	NA	NA	NA	402.96		0.0	*
2Q18		4/2/2018	NE	29.82	NA	NA	NA	402.32	398.29 - 388.29 (33.85 - 43.85)	0.0	*
3Q18		7/2/2018	NE	30.05	NA	NA	NA	402.09		0.0	*
4Q18		10/2/2018	NE	30.03	NA	NA	NA	402.11		0.0	*
1Q19		1/2/2019	NE	29.77	NA	NA	NA	402.37		0.0	*
2Q19		4/2/2019	NE	29.42	NA	NA	NA	402.72		0.0	*
MW 06B											
3Q16	432.29	7/7/2016	NE	28.42	NA	NA	NA	403.87	368.24 - 363.24 (64.05 - 69.05)	0.0	*
4Q16		10/3/2016	NE	27.52	NA	NA	NA	404.77		0.6	*
1Q17		1/16/2017	NE	27.49	NA	NA	NA	404.80		0.4	*
2Q17		4/3/2017	NE	27.89	NA	NA	NA	404.40		0.0	*
3Q17		7/5/2017	NE	26.16	NA	NA	NA	406.13		37.6	*
4Q17		10/2/2017	NE	27.02	NA	NA	NA	405.27		0.0	*
1Q18		1/2/2018	NE	29.22	NA	NA	NA	403.07		0.0	*
2Q18		4/2/2018	NE	29.88	NA	NA	NA	402.41		0.0	*
3Q18		7/2/2018	NE	30.10	NA	NA	NA	402.19		0.0	*
4Q18		10/2/2018	NE	30.09	NA	NA	NA	402.20		0.0	*
1Q19		1/2/2019	NE	29.81	NA	NA	NA	402.48		0.0	*
2Q19		4/2/2019	NE	29.46	NA	NA	NA	402.83		0.0	*
MW 06C											
3Q16	432.11	7/7/2016	NE	28.24	NA	NA	NA	403.87	347.16 - 342.16 (84.95 - 89.95)	0.0	*
4Q16		10/3/2016	NE	27.33	NA	NA	NA	404.78		0.6	*
1Q17		1/16/2017	NE	27.26	NA	NA	NA	404.85		21.1	*
2Q17		4/3/2017	NE	27.61	NA	NA	NA	404.50		4.9	*
3Q17		7/5/2017	NE	25.96	NA	NA	NA	406.15		15.4	*
4Q17		10/2/2017	NE	26.81	NA	NA	NA	405.30		0.0	*
1Q18		1/2/2018	NE	29.01	NA	NA	NA	403.10		0.0	*
2Q18		4/2/2018	NE	29.68	NA	NA	NA	402.43		0.0	*
3Q18		7/2/2018	NE	29.90	NA	NA	NA	402.21		0.0	*
4Q18		10/2/2018	NE	29.87	NA	NA	NA	402.24		0.0	*
1Q19		1/2/2019	NE	29.61	NA	NA	NA	402.50		0.0	*
2Q19		4/2/2019	NE	29.25	NA	NA	NA	402.86		0.0	*
MW 06D											
3Q16	431.99	7/7/2016	NE	28.09	NA	NA	NA	403.90	327.27 - 322.27 (104.72 - 109.72)	0.0	*
4Q16		10/3/2016	NE	27.16	NA	NA	NA	404.83		0.5	*
1Q17		1/16/2017	NE	27.14	NA	NA	NA	404.85		0.2	*
2Q17		4/3/2017	NE	27.47	NA	NA	NA	404.52		0.0	*
3Q17		7/5/2017	NE	25.83	NA	NA	NA	406.16		0.4	*
4Q17		10/2/2017	NE	26.68	NA	NA	NA	405.31		0.0	*
1Q18		1/2/2018	NE	28.87	NA	NA	NA	403.12		0.0	*
2Q18		4/2/2018	NE	29.53	NA	NA	NA	402.46		0.0	*
3Q18		7/2/2018	NE	29.74	NA	NA	NA	402.25		0.0	*
4Q18		10/2/2018	NE	29.72	NA	NA	NA	402.27		0.0	*
1Q19		1/2/2019	NE	29.45	NA	NA	NA	402.54		0.0	*
2Q19		4/2/2019	NE	29.11	NA	NA	NA	402.88		0.0	*
MW 07											
3Q16	443.10	7/5/2016	NE	40.10	NA	NA	NA	403.00	400.18 - 390.18 (42.92 - 52.92)	886	*
4Q16		10/3/2016	NE	39.21	NA	NA	NA	403.89		3222	*
1Q17		1/16/2017	NE	38.90	NA	NA	NA	404.20		820	*
2Q17		4/3/2017	NE	39.09	NA	NA	NA	404.01		15000	*
3Q17		7/5/2017	NE	37.82	NA	NA	NA	405.28		139	*
4Q17		10/2/2017	NE	38.37	NA	NA	NA	404.73		15000	*
1Q18		1/4/2018	NE	40.57	NA	NA	NA	402.53		2840	*PID data from 1/2/2018
2Q18		4/2/2018	NE	41.32	NA	NA	NA	401.78		490	*
3Q18		7/2/2018	NE	41.76	NA	NA	NA	401.34		5380	*
4Q18		10/2/2018	NE	41.72	NA	NA	NA	401.38		15000	*
1Q19		1/2/2019	NE	41.45	NA	NA	NA	401.65		2574	*
2Q19		4/1/2019	NE	41.33	NA	NA	NA	401.77		683	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 08											
3Q16	434.11	7/5/2016	NE	30.89	NA	NA	NA	403.22	400.51 - 390.51 (33.6 - 43.6)	296	*
4Q16		10/4/2016	NE	30.01	NA	NA	NA	404.10		6793	*
1Q17		1/16/2017	NE	29.79	NA	NA	NA	404.32		106	*
2Q17		4/3/2017	NE	30.15	NA	NA	NA	403.96		15000	*
3Q17		7/5/2017	NE	28.55	NA	NA	NA	405.56		370	*
4Q17		10/2/2017	NE	29.28	NA	NA	NA	404.83		15000	*
1Q18		1/2/2018	NE	31.53	NA	NA	NA	402.58		87.6	*
2Q18		4/2/2018	NE	32.24	NA	NA	NA	401.87		169	*
3Q18		7/2/2018	NE	32.54	NA	NA	NA	401.57		231	*
4Q18		10/2/2018	NE	32.47	NA	NA	NA	401.64		1.4	*
1Q19		1/2/2019	NE	32.20	NA	NA	NA	401.91		0.0	*
2Q19		4/1/2019	NE	32.06	NA	NA	NA	402.05		0.0	*
MW 09											
3Q16	445.20	7/6/2016	NE	40.96	NA	NA	NA	404.24	398.75 - 388.75 (46.45 - 56.45)	0.0	*
4Q16		10/3/2016	NE	40.44	NA	NA	NA	404.76		0.2	*
1Q17		1/16/2017	NE	40.06	NA	NA	NA	405.14		11.1	*
2Q17		4/3/2017	NE	40.56	NA	NA	NA	404.64		0.0	*
3Q17		7/5/2017	NE	38.89	NA	NA	NA	406.31		0.0	*
4Q17		10/2/2017	NE	39.22	NA	NA	NA	405.98		0.2	*
1Q18		1/2/2018	NE	41.08	NA	NA	NA	404.12		2.9	*
2Q18		4/3/2018	NE	42.12	NA	NA	NA	403.08	399.16 - 389.16 (46.04 - 56.04)	0.0	*
3Q18		7/2/2018	NE	42.86	NA	NA	NA	402.34		0.0	*
4Q18		10/1/2018	NE	42.91	NA	NA	NA	402.29		0.0	*
1Q19		1/3/2019	NE	42.85	NA	NA	NA	402.35		0.0	*
2Q19		4/1/2019	NE	42.90	NA	NA	NA	402.30		0.0	*
MW 10											
3Q16	445.03	7/5/2016	NE	41.00	NA	NA	NA	404.03	400.60 - 390.60 (44.43 - 54.43)	0.0	*
4Q16		10/3/2016	NE	40.42	NA	NA	NA	404.61		0.2	*
1Q17		1/16/2017	NE	39.88	NA	NA	NA	405.15		0.0	*
2Q17		4/3/2017	NE	40.32	NA	NA	NA	404.71		0.0	*
3Q17		7/5/2017	NE	38.95	NA	NA	NA	406.08		0.0	*
4Q17		10/2/2017	NE	39.06	NA	NA	NA	405.97		0.3	*
1Q18		1/2/2018	NE	40.94	NA	NA	NA	404.09		6.9	*
2Q18		4/2/2018	NE	42.10	NA	NA	NA	402.93		0.0	*
3Q18		7/2/2018	NE	42.94	NA	NA	NA	402.09		0.0	*
4Q18		10/2/2018	NE	43.08	NA	NA	NA	401.95		0.0	*
1Q19		1/2/2019	NE	43.02	NA	NA	NA	402.01		0.0	*
2Q19		4/1/2019	NE	43.20	NA	NA	NA	401.83		5.3	*
MW 11											
3Q16	442.33	7/6/2016	NE	38.39	NA	NA	NA	403.94	400.67 - 390.67 (41.66 - 51.66)	0.0	*
4Q16		10/3/2016	NE	37.99	NA	NA	NA	404.34		0.5	*
1Q17		1/16/2017	NE	37.63	NA	NA	NA	404.70		0.0	*
2Q17		4/3/2017	NE	38.10	NA	NA	NA	404.23		0.0	*
3Q17		7/5/2017	NE	36.46	NA	NA	NA	405.87		0.0	*
4Q17		10/2/2017	NE	36.69	NA	NA	NA	405.64		0.0	*
1Q18		1/2/2018	NE	38.93	NA	NA	NA	403.40		0.6	*
2Q18		4/2/2018	NE	39.93	NA	NA	NA	402.40		0.0	*
3Q18		7/2/2018	NE	40.59	NA	NA	NA	401.74		0.0	*
4Q18		10/1/2018	NE	40.58	NA	NA	NA	401.75		0.0	*
1Q19		1/3/2019	NE	40.46	NA	NA	NA	401.87		0.0	*
2Q19		4/1/2019	NE	40.47	NA	NA	NA	401.86		0.0	*
MW 12											
3Q16	442.60	7/6/2016	NE	38.87	NA	NA	NA	403.73	400.68 - 390.68 (41.92 - 51.92)	0.0	*
4Q16		10/3/2016	NE	38.43	NA	NA	NA	404.17		0.5	*
1Q17		1/16/2017	NE	38.11	NA	NA	NA	404.49		1.2	*
2Q17		4/3/2017	NE	38.56	NA	NA	NA	404.04		0.0	*
3Q17		7/5/2017	NE	36.84	NA	NA	NA	405.76		8.1	*
4Q17		10/2/2017	NE	37.24	NA	NA	NA	405.36		0.0	*
1Q18		1/2/2018	NE	39.55	NA	NA	NA	403.05		0.8	*
2Q18		4/3/2018	NE	40.38	NA	NA	NA	402.22		0.0	*
3Q18		7/2/2018	NE	41.00	NA	NA	NA	401.60		0.0	*
4Q18		10/1/2018	NE	40.94	NA	NA	NA	401.66		0.0	*
1Q19		1/2/2019	NE	40.70	NA	NA	NA	401.90		0.0	*
2Q19		4/1/2019	NE	40.72	NA	NA	NA	401.88		0.0	*

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 13											
3Q16	430.27	7/8/2016	NE	26.16	NA	NA	NA	404.11	404.70 - 394.70 (25.57 - 35.57)	3.2	
4Q16		10/4/2016	NE	24.99	NA	NA	NA	405.28		86.6	*
1Q17		1/17/2017	NE	25.54	NA	NA	NA	404.73		20.6	*
2Q17		4/5/2017	NE	25.90	NA	NA	NA	404.37		98.7	
3Q17		7/6/2017	NE	23.67	NA	NA	NA	406.60		162	*
4Q17		10/2/2017	NE	24.95	NA	NA	NA	405.32		69.1	*
1Q18		1/3/2018	NE	26.97	NA	NA	NA	403.30		65.2	
2Q18		4/4/2018	NE	27.92	NA	NA	NA	402.35	405.47 - 395.47 (24.80 - 34.80)	0.0	
3Q18		7/3/2018	NE	27.67	NA	NA	NA	402.60		0.0	
4Q18		10/2/2018	NE	27.56	NA	NA	NA	402.71		4398	
1Q19		1/3/2019	NE	27.27	NA	NA	NA	403.00		231	
2Q19		4/3/2019	NE	27.03	NA	NA	NA	403.24		3.0	
MW 14											
3Q16	434.44	7/8/2016	NE	30.72	NA	NA	NA	403.72	401.02 - 391.02 (33.42 - 43.42)	48.3	*
4Q16		10/4/2016	NE	29.60	NA	NA	NA	404.84		54.2	*
1Q17		1/17/2017	NE	29.61	NA	NA	NA	404.83		71.0	*
2Q17		4/4/2017	NE	29.91	NA	NA	NA	404.53		84.4	*
3Q17		7/6/2017	NE	28.34	NA	NA	NA	406.10		35.3	*
4Q17		10/3/2017	NE	29.24	NA	NA	NA	405.20		160	*
1Q18		1/4/2018	NE	31.23	NA	NA	NA	403.21		45.2	*
2Q18		4/4/2018	NE	32.17	NA	NA	NA	402.27		40.7	*
3Q18		7/2/2018	NE	32.19	NA	NA	NA	402.25		82.8	*
4Q18		10/3/2018	NE	32.07	NA	NA	NA	402.37		12.0	*
1Q19		1/4/2019	NE	31.78	NA	NA	NA	402.66		73.4	*
2Q19		4/2/2019	NE	31.52	NA	NA	NA	402.92		400	*
MW 16											
3Q16	443.39	7/6/2016	NE	39.94	NA	NA	NA	403.45	406.33 - 396.33 (37.06 - 47.06)	0.0	
4Q16		10/4/2016	NE	39.72	NA	NA	NA	403.67		0.0	
1Q17		1/16/2017	NE	39.15	NA	NA	NA	404.24		0.1	
2Q17		4/3/2017	NE	39.51	NA	NA	NA	403.88		0.0	
3Q17		7/5/2017	NE	38.18	NA	NA	NA	405.21		4.6	
4Q17		10/2/2017	NE	38.15	NA	NA	NA	405.24		0.0	
1Q18		1/2/2018	NE	40.68	NA	NA	NA	402.71		0.8	
2Q18		4/3/2018	NE	41.42	NA	NA	NA	401.97	405.89 - 395.89 (37.50 - 47.50)	0.0	
3Q18		7/2/2018	NE	42.33	NA	NA	NA	401.06		0.0	
4Q18		10/1/2018	NE	42.27	NA	NA	NA	401.12		0.0	
1Q19		1/11/2019	NE	42.10	NA	NA	NA	401.29		0.0	
2Q19		4/1/2019	NE	42.11	NA	NA	NA	401.28		0.0	
MW 17											
3Q16	441.57	7/5/2016	NE	38.12	NA	NA	NA	403.45	407.28 - 392.28 (34.29 - 49.29)	0.0	
4Q16		10/3/2016	NE	38.22	NA	NA	NA	403.35		0.4	
1Q17		1/16/2017	NE	37.42	NA	NA	NA	404.15		144	
2Q17		4/3/2017	NE	37.62	NA	NA	NA	403.95		0.0	
3Q17		7/5/2017	NE	36.74	NA	NA	NA	404.83		0.0	
4Q17		10/2/2017	NE	36.03	NA	NA	NA	405.54		0.0	
1Q18		1/3/2018	NE	38.79	NA	NA	NA	402.78		362	PID data from 1/2/2018
2Q18		4/2/2018	NE	39.67	NA	NA	NA	401.90		0.0	
3Q18		7/2/2018	NE	40.82	NA	NA	NA	400.75		0.0	
4Q18		10/1/2018	NE	40.78	NA	NA	NA	400.79		0.0	
1Q19		1/3/2019	NE	40.54	NA	NA	NA	401.03		0.0	
2Q19		4/1/2019	NE	40.63	NA	NA	NA	400.94		0.0	
MW 18											
3Q16	442.04	7/5/2016	NE	38.65	NA	NA	NA	403.39	407.12 - 392.12 (34.92 - 49.92)	0.0	
4Q16		10/3/2016	NE	38.91	NA	NA	NA	403.13		9.0	
1Q17		1/16/2017	NE	38.08	NA	NA	NA	403.96		2.5	
2Q17		4/3/2017	NE	38.19	NA	NA	NA	403.85		0.0	
3Q17		7/5/2017	NE	37.38	NA	NA	NA	404.66		0.0	
4Q17		10/2/2017	NE	36.62	NA	NA	NA	405.42		0.0	
1Q18		1/2/2018	NE	39.73	NA	NA	NA	402.31		3.2	
2Q18		4/2/2018	NE	40.34	NA	NA	NA	401.70		0.0	
3Q18		7/2/2018	NE	41.47	NA	NA	NA	400.57		0.0	
4Q18		10/1/2018	NE	41.43	NA	NA	NA	400.61		0.0	
1Q19		1/2/2019	NE	41.13	NA	NA	NA	400.91		0.0	
2Q19		4/1/2019	NE	41.29	NA	NA	NA	400.75		0.0	

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 19											
3Q16	442.77	7/5/2016	NE	39.42	NA	NA	NA	403.35	406.43 - 391.43 (36.34 - 51.34)	0.0	
4Q16		10/3/2016	NE	39.44	NA	NA	NA	403.33		0.5	
1Q17		1/16/2017	NE	38.72	NA	NA	NA	404.05		5.6	
2Q17		4/3/2017	NE	38.93	NA	NA	NA	403.84		0.0	
3Q17		7/5/2017	NE	37.93	NA	NA	NA	404.84		0.0	
4Q17		10/2/2017	NE	37.51	NA	NA	NA	405.26		0.0	
1Q18		1/4/2018	NE	40.32	NA	NA	NA	402.45		43.8	PID data from 1/2/2018
2Q18		4/3/2018	NE	40.90	NA	NA	NA	401.87		0.0	
3Q18		7/2/2018	NE	42.08	NA	NA	NA	400.69		0.0	
4Q18		10/1/2018	NE	42.04	NA	NA	NA	400.73		0.1	
1Q19		1/2/2019	NE	41.76	NA	NA	NA	401.01		0.0	
2Q19		4/1/2019	NE	41.92	NA	NA	NA	400.85		0.0	
MW 20											
3Q16	443.67	7/5/2016	NE	40.46	NA	NA	NA	403.21	407.79 - 392.79 (35.88 - 50.88)	0.0	
4Q16		10/3/2016	NE	40.19	NA	NA	NA	403.48		0.4	
1Q17		1/16/2017	NE	39.54	NA	NA	NA	404.13		0.1	
2Q17		4/3/2017	NE	39.93	NA	NA	NA	403.74		0.0	
3Q17		7/5/2017	NE	38.69	NA	NA	NA	404.98		38.7	
4Q17		10/2/2017	NE	38.64	NA	NA	NA	405.03		0.0	
1Q18		1/3/2018	NE	41.03	NA	NA	NA	402.64		27.0	PID data from 1/2/2018
2Q18		4/3/2018	NE	41.76	NA	NA	NA	401.91		0.0	
3Q18		7/2/2018	NE	42.88	NA	NA	NA	400.79		0.0	
4Q18		10/2/2018	NE	42.77	NA	NA	NA	400.90		0.0	
1Q19		1/2/2019	NE	42.55	NA	NA	NA	401.12		0.0	
2Q19		4/1/2019	NE	42.62	NA	NA	NA	401.05		0.0	
MW 21											
3Q16	443.81	7/5/2016	NE	40.89	NA	NA	NA	402.92	408.80 - 393.80 (35.01 - 50.01)	0.0	
4Q16		10/3/2016	NE	40.55	NA	NA	NA	403.26		0.3	
1Q17		1/16/2017	NE	39.68	NA	NA	NA	404.13		0.2	
2Q17		4/3/2017	NE	39.95	NA	NA	NA	403.86		0.0	
3Q17		7/5/2017	NE	38.74	NA	NA	NA	405.07		0.0	
4Q17		10/2/2017	NE	39.12	NA	NA	NA	404.69		0.0	
1Q18		1/2/2018	NE	41.44	NA	NA	NA	402.37		2.0	
2Q18		4/3/2018	NE	41.98	NA	NA	NA	401.83		0.1	
3Q18		7/2/2018	NE	42.74	NA	NA	NA	401.07		0.0	
4Q18		10/2/2018	NE	42.70	NA	NA	NA	401.11		8.7	
1Q19		1/2/2019	NE	42.42	NA	NA	NA	401.39		0.0	
2Q19		4/1/2019	NE	42.39	NA	NA	NA	401.42		0.0	
MW 22											
3Q16	442.16	7/6/2016	NE	38.56	NA	NA	NA	403.60	404.28 - 394.28 (37.88 - 47.88)	0.0	
4Q16		10/3/2016	NE	38.44	NA	NA	NA	403.72		1.2	
1Q17		1/16/2017	NE	37.80	NA	NA	NA	404.36		84.4	*
2Q17		4/3/2017	NE	38.20	NA	NA	NA	403.96		4.7	
3Q17		7/5/2017	NE	36.89	NA	NA	NA	405.27		16.5	*
4Q17		10/2/2017	NE	36.74	NA	NA	NA	405.42		8.1	*
1Q18		1/3/2018	NE	39.14	NA	NA	NA	403.02		10.1	PID data from 1/2/2018
2Q18		4/3/2018	NE	40.01	NA	NA	NA	402.15	403.73 - 393.73 (38.43 - 48.43)	0.0	
3Q18		7/2/2018	NE	41.00	NA	NA	NA	401.16		0.0	
4Q18		10/2/2018	NE	40.96	NA	NA	NA	401.20		0.0	
1Q19		1/9/2019	NE	40.91	NA	NA	NA	401.25		0.0	
2Q19		4/2/2019	NE	40.79	NA	NA	NA	401.37		0.0	
MW 23											
3Q16	431.41	7/7/2016	NE	27.21	NA	NA	NA	404.20	402.39 - 392.39 (29.02 - 39.02)	0.7	*
4Q16		10/3/2016	NE	26.53	NA	NA	NA	404.88		1.0	*
1Q17		1/16/2017	NE	26.83	NA	NA	NA	404.58		0.7	*
2Q17		4/3/2017	NE	27.40	NA	NA	NA	404.01		0.2	*
3Q17		7/5/2017	NE	25.08	NA	NA	NA	406.33		0.5	*
4Q17		10/2/2017	NE	26.35	NA	NA	NA	405.06		0.0	*
1Q18		1/2/2018	NE	28.34	NA	NA	NA	403.07		0.6	*
2Q18		4/2/2018	NE	29.20	NA	NA	NA	402.21		36.4	
3Q18		7/2/2018	NE	29.19	NA	NA	NA	402.22		0.0	
4Q18		10/1/2018	NE	29.08	NA	NA	NA	402.33		0.0	
1Q19		1/3/2019	NE	28.81	NA	NA	NA	402.60		0.0	*
2Q19		4/2/2019	NE	28.49	NA	NA	NA	402.92		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 24											
3Q16	443.42	7/6/2016	NE	39.68	NA	NA	NA	403.74	404.53 - 394.53 (38.89 - 48.89)	0.0	
4Q16		10/3/2016	NE	39.28	NA	NA	NA	404.14		117	
1Q17		1/16/2017	NE	38.97	NA	NA	NA	404.45		11.2	
2Q17		4/3/2017	NE	39.45	NA	NA	NA	403.97		0.8	
3Q17		7/5/2017	NE	37.75	NA	NA	NA	405.67		3.6	*
4Q17		10/2/2017	NE	38.03	NA	NA	NA	405.39		0.0	*
1Q18		1/3/2018	NE	40.22	NA	NA	NA	403.20		0.5	PID data from 1/2/2018
2Q18		4/3/2018	NE	41.17	NA	NA	NA	402.25	403.81 - 393.81 (39.61 - 49.61)	0.2	
3Q18		7/2/2018	NE	41.86	NA	NA	NA	401.56		0.0	
4Q18		10/1/2018	NE	41.83	NA	NA	NA	401.59		1.8	
1Q19		1/2/2019	NE	41.63	NA	NA	NA	401.79		0.0	
2Q19		4/1/2019	NE	41.70	NA	NA	NA	401.72		0.0	
MW 25											
3Q16	438.35	7/6/2016	NE	35.02	NA	NA	NA	403.33	402.76 - 392.76 (35.59 - 45.59)	32.5	*
4Q16		10/3/2016	NE	34.23	NA	NA	NA	404.12		52.0	*
1Q17		1/16/2017	NE	34.00	NA	NA	NA	404.35		42.6	*
2Q17		4/3/2017	NE	34.33	NA	NA	NA	404.02		83.6	*
3Q17		7/5/2017	NE	32.77	NA	NA	NA	405.58		61.9	*
4Q17		10/2/2017	NE	33.40	NA	NA	NA	404.95		1999	*
1Q18		1/3/2018	NE	35.51	NA	NA	NA	402.84		69.2	*
2Q18		4/2/2018	NE	36.44	NA	NA	NA	401.91		110	
3Q18		7/2/2018	NE	36.82	NA	NA	NA	401.53		0.5	
4Q18		10/2/2018	NE	36.75	NA	NA	NA	401.60		3.9	
1Q19		1/2/2019	NE	36.47	NA	NA	NA	401.88		44.7	
2Q19		4/1/2019	NE	36.36	NA	NA	NA	401.99		150	
MW 26											
3Q16	441.02	7/5/2016	NE	37.76	NA	NA	NA	403.26	402.87 - 392.87 (38.15 - 48.15)	0.4	*
4Q16		10/3/2016	NE	37.10	NA	NA	NA	403.92		0.2	*
1Q17		1/16/2017	NE	36.74	NA	NA	NA	404.28		0.2	*
2Q17		4/3/2017	NE	37.09	NA	NA	NA	403.93		0.0	*
3Q17		7/5/2017	NE	35.60	NA	NA	NA	405.42		0.0	*
4Q17		10/2/2017	NE	36.05	NA	NA	NA	404.97		0.0	*
1Q18		1/2/2018	NE	38.33	NA	NA	NA	402.69		5.0	
2Q18		4/4/2018	NE	39.35	NA	NA	NA	401.67		0.0	
3Q18		7/2/2018	NE	39.71	NA	NA	NA	401.31		0.2	
4Q18		10/1/2018	NE	39.60	NA	NA	NA	401.42		0.0	
1Q19		1/2/2019	NE	39.38	NA	NA	NA	401.64		0.0	
2Q19		4/1/2019	NE	39.30	NA	NA	NA	401.72		0.0	
MW 27											
3Q16	443.40	7/6/2016	NE	38.95	NA	NA	NA	404.45	403.61 - 393.61 (39.79 - 49.79)	9.2	*
4Q16		10/3/2016	NE	38.60	NA	NA	NA	404.80		0.4	*
1Q17		1/16/2017	NE	38.05	NA	NA	NA	405.35		0.4	*
2Q17		4/3/2017	NE	38.58	NA	NA	NA	404.82		0.0	*
3Q17		7/5/2017	NE	37.35	NA	NA	NA	406.05		0.0	*
4Q17		10/3/2017	NE	37.25	NA	NA	NA	406.15		0.0	*
1Q18		1/2/2018	NE	38.78	NA	NA	NA	404.62		1.7	*
2Q18		4/3/2018	NE	40.19	NA	NA	NA	403.21		0.0	
3Q18		7/2/2018	NE	41.16	NA	NA	NA	402.24		0.0	
4Q18		10/1/2018	NE	41.11	NA	NA	NA	402.29		0.0	
1Q19		1/3/2019	NE	40.99	NA	NA	NA	402.41		0.0	
2Q19		4/1/2019	NE	41.26	NA	NA	NA	402.14		0.0	
MW 28											
3Q16	443.34	7/6/2016	NE	38.42	NA	NA	NA	404.92	409.73 - 399.73 (33.61 - 43.61)	0.0	
4Q16		10/3/2016	NE	37.81	NA	NA	NA	405.53		0.5	
1Q17		1/16/2017	NE	37.14	NA	NA	NA	406.20		7.2	
2Q17		4/3/2017	NE	37.78	NA	NA	NA	405.56		0.0	
3Q17		7/5/2017	NE	36.63	NA	NA	NA	406.71		0.0	
4Q17		10/2/2017	NE	36.61	NA	NA	NA	406.73		0.1	
1Q18		1/2/2018	NE	37.96	NA	NA	NA	405.38		0.9	
2Q18		4/3/2018	NE	39.39	NA	NA	NA	403.95		0.0	
3Q18		7/2/2018	NE	40.14	NA	NA	NA	403.20		0.0	
4Q18		10/1/2018	NE	40.18	NA	NA	NA	403.16		0.0	
1Q19		1/3/2019	NE	40.20	NA	NA	NA	403.14		0.0	
2Q19		4/1/2019	NE	40.46	NA	NA	NA	402.88		0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 01											
3Q16	442.73	7/7/2016	NM	NM	NA	NA	NA	NA	380.78 - 375.78 (61.95 - 66.95)	NM	Unsafe condition at well - Unable to access
4Q16		10/5/2016	NE	27.94	NA	NA	NA	414.79		0.2	*
1Q17		1/17/2017	NE	29.46	NA	NA	NA	413.27		0.0	*
2Q17		4/4/2017	NE	30.25	NA	NA	NA	412.48		0.0	*
3Q17		7/5/2017	NE	26.73	NA	NA	NA	416.00		0.0	*
4Q17		10/3/2017	NE	28.94	NA	NA	NA	413.79		0.0	*
1Q18		1/4/2018	NE	30.05	NA	NA	NA	412.68		0.0	*
2Q18		4/4/2018	NE	30.60	NA	NA	NA	412.13	380.51 - 375.51 (62.22 - 67.22)	0.0	*
3Q18		7/3/2018	NE	31.03	NA	NA	NA	411.70		0.0	*
4Q18		10/3/2018	NE	31.93	NA	NA	NA	410.80		0.1	*
1Q19		1/3/2019	NE	33.27	NA	NA	NA	409.46		0.0	*
2Q19		4/3/2019	NE	32.24	NA	NA	NA	410.49		0.0	*
P 4U											
3Q16	442.54	7/5/2016	NE	32.12	NA	NA	NA	410.42	361.39 - 359.39 (81.15 - 83.15)	0.1	*
4Q16		10/5/2016	NE	29.49	NA	NA	NA	413.05		NM	*
1Q17		1/17/2017	NE	30.53	NA	NA	NA	412.01		0.0	*
2Q17		4/4/2017	NE	31.39	NA	NA	NA	411.15		0.0	*
3Q17		7/5/2017	NE	28.12	NA	NA	NA	414.42		5.3	*
4Q17		10/3/2017	NE	30.04	NA	NA	NA	412.50		0.0	*
1Q18		1/4/2018	NE	31.25	NA	NA	NA	411.29		0.0	*
2Q18		4/4/2018	NE	32.40	NA	NA	NA	410.14		0.0	*
3Q18		7/3/2018	NE	32.61	NA	NA	NA	409.93		0.0	*
4Q18		10/3/2018	NE	33.25	NA	NA	NA	409.29		0.0	*
1Q19		1/4/2019	NE	34.45	NA	NA	NA	408.09		0.0	*
2Q19		4/3/2019	NE	34.06	NA	NA	NA	408.48		0.0	*
P 5L											
3Q16	443.84	7/5/2016	NE	33.37	NA	NA	NA	410.47	303.44 - 301.44 (140.40 - 142.40)	0.8	*
4Q16		10/5/2016	NE	28.83	NA	NA	NA	415.01		0.0	*
1Q17		1/17/2017	NE	30.59	NA	NA	NA	413.25		0.0	*
2Q17		4/4/2017	NE	31.52	NA	NA	NA	412.32		0.0	*
3Q17		7/5/2017	NE	27.33	NA	NA	NA	416.51		2.1	*
4Q17		10/3/2017	NE	30.23	NA	NA	NA	413.61		0.0	*
1Q18		1/3/2018	NE	31.43	NA	NA	NA	412.41		0.0	*
2Q18		4/3/2018	NE	31.85	NA	NA	NA	411.99		0.0	*
3Q18		7/3/2018	NE	32.59	NA	NA	NA	411.25		0.0	*
4Q18		10/3/2018	NE	33.59	NA	NA	NA	410.25		0.0	*
1Q19		1/4/2019	NE	34.93	NA	NA	NA	408.91		0.0	*
2Q19		4/3/2019	NE	34.05	NA	NA	NA	409.79		0.0	*
P 5U											
3Q16	444.24	7/5/2016	NE	32.08	NA	NA	NA	412.16	313.61 - 311.61 (130.63 - 132.63)	0.8	*
4Q16		10/5/2016	NE	30.46	NA	NA	NA	413.78		0.1	*
1Q17		1/17/2017	NE	31.81	NA	NA	NA	412.43		0.0	*
2Q17		4/4/2017	NE	32.69	NA	NA	NA	411.55		0.0	*
3Q17		7/5/2017	NE	29.11	NA	NA	NA	415.13		0.0	*
4Q17		10/3/2017	NE	31.40	NA	NA	NA	412.84		0.0	*
1Q18		1/3/2018	NE	32.44	NA	NA	NA	411.80		0.1	*
2Q18		4/3/2018	NE	33.14	NA	NA	NA	411.10		0.0	*
3Q18		7/3/2018	NE	33.86	NA	NA	NA	410.38		0.0	*
4Q18		10/3/2018	NE	34.77	NA	NA	NA	409.47		0.0	*
1Q19		1/4/2019	NE	36.21	NA	NA	NA	408.03		0.0	*
2Q19		4/3/2019	NE	35.29	NA	NA	NA	408.95		0.0	*
P 6U											
3Q16	443.45	7/5/2016	NE	31.58	NA	NA	NA	411.87	362.95 - 360.95 (80.50 - 82.50)	0.1	*
4Q16		10/5/2016	NE	29.93	NA	NA	NA	413.52		0.0	*
1Q17		1/17/2017	NE	31.19	NA	NA	NA	412.26		0.0	*
2Q17		4/4/2017	NE	32.11	NA	NA	NA	411.34		0.0	*
3Q17		7/5/2017	NE	28.50	NA	NA	NA	414.95		0.6	*
4Q17		10/3/2017	NE	31.82	NA	NA	NA	411.63		0.0	*
1Q18		1/4/2018	NE	32.14	NA	NA	NA	411.31		0.0	*
2Q18		4/3/2018	NE	32.69	NA	NA	NA	410.76		0.0	*
3Q18		7/3/2018	NE	33.39	NA	NA	NA	410.06		0.0	*
4Q18		10/3/2018	NE	34.06	NA	NA	NA	409.39		0.0	*
1Q19		1/4/2019	NE	35.37	NA	NA	NA	408.08		0.0	*
2Q19		4/3/2019	NE	35.00	NA	NA	NA	408.45		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 7U											
3Q16	443.91	7/7/2016	NE	32.86	NA	NA	NA	411.05	382.83 - 380.83 (61.08 - 63.08)	0.9	*
4Q16		10/5/2016	NE	29.98	NA	NA	NA	413.93		0.0	*
1Q17		1/17/2017	NE	31.43	NA	NA	NA	412.48		0.0	*
2Q17		4/4/2017	NE	32.37	NA	NA	NA	411.54		0.1	*
3Q17		7/5/2017	NE	28.52	NA	NA	NA	415.39		5.3	*
4Q17		10/3/2017	NE	31.10	NA	NA	NA	412.81		0.0	*
1Q18		1/3/2018	NE	32.38	NA	NA	NA	411.53		0.0	*
2Q18		4/3/2018	NE	33.01	NA	NA	NA	410.90		0.0	*
3Q18		7/3/2018	NE	33.65	NA	NA	NA	410.26		0.0	*
4Q18		10/3/2018	NE	34.39	NA	NA	NA	409.52		0.0	*
1Q19		1/4/2019	NE	35.76	NA	NA	NA	408.15		0.0	*
2Q19		4/3/2019	NE	35.25	NA	NA	NA	408.66		0.0	*
P 8U											
3Q16	441.85	7/5/2016	NE	33.18	NA	NA	NA	408.67	382.33 - 380.33 (59.52 - 61.52)	0.2	*
4Q16		10/4/2016	NE	30.74	NA	NA	NA	411.11		0.0	*
1Q17		1/17/2017	NE	31.42	NA	NA	NA	410.43		0.0	*
2Q17		4/3/2017	NE	31.88	NA	NA	NA	409.97		0.0	*
3Q17		7/6/2017	NE	29.86	NA	NA	NA	411.99		0.0	*
4Q17		10/3/2017	NE	30.85	NA	NA	NA	411.00		1.6	*
1Q18		1/4/2018	NE	32.20	NA	NA	NA	409.65		83.5	*
2Q18		4/3/2018	NE	33.13	NA	NA	NA	408.72	381.72 - 379.72 (60.13 - 62.13)	0.0	*
3Q18		7/3/2018	NE	33.88	NA	NA	NA	407.97		0.0	*
4Q18		10/2/2018	NE	34.39	NA	NA	NA	407.46		0.0	*
1Q19		1/3/2019	NE	35.60	NA	NA	NA	406.25		0.0	*
2Q19		4/2/2019	NE	35.24	NA	NA	NA	406.61		0.0	*
P 9U											
3Q16	445.04	7/5/2016	NE	37.92	NA	NA	NA	407.12	344.45 - 342.45 (100.59 - 102.59)	0.2	*
4Q16		10/4/2016	NE	35.83	NA	NA	NA	409.21		0.8	*
1Q17		1/17/2017	NE	35.97	NA	NA	NA	409.07		0.0	*
2Q17		4/3/2017	NE	36.30	NA	NA	NA	408.74		0.0	*
3Q17		7/6/2017	NE	34.22	NA	NA	NA	410.82		0.0	*
4Q17		10/3/2017	NE	35.39	NA	NA	NA	409.65		0.0	*
1Q18		1/4/2018	NE	36.60	NA	NA	NA	408.44		40.5	*
2Q18		4/4/2018	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at well - Unable to access
3Q18		7/3/2018	NE	38.51	NA	NA	NA	406.53		0.0	*
4Q18		10/2/2018	NE	39.11	NA	NA	NA	405.93		0.0	*
1Q19		1/3/2019	NE	40.12	NA	NA	NA	404.92		0.0	*
2Q19		4/2/2019	NE	40.14	NA	NA	NA	404.90		0.0	*
P 11L											
3Q16	442.55	7/5/2016	NE	34.03	NA	NA	NA	408.52	332.34 - 330.34 (110.21 - 112.21)	0.2	*
4Q16		10/5/2016	NE	31.89	NA	NA	NA	410.66		0.2	*
1Q17		1/17/2017	NE	32.26	NA	NA	NA	410.29		0.0	*
2Q17		4/4/2017	NE	33.01	NA	NA	NA	409.54		0.0	*
3Q17		7/6/2017	NE	31.05	NA	NA	NA	411.50		0.0	*
4Q17		10/3/2017	NE	31.66	NA	NA	NA	410.89		0.0	*
1Q18		1/4/2018	NE	32.83	NA	NA	NA	409.72		0.0	*
2Q18		4/3/2018	NE	33.92	NA	NA	NA	408.63		0.0	*
3Q18		7/3/2018	NE	34.66	NA	NA	NA	407.89		0.0	*
4Q18		10/2/2018	NE	35.08	NA	NA	NA	407.47		0.0	*
1Q19		1/4/2019	NE	36.07	NA	NA	NA	406.48		0.0	*
2Q19		4/3/2019	NE	36.07	NA	NA	NA	406.48		0.0	*
P 11U											
3Q16	443.17	7/5/2016	NE	34.66	NA	NA	NA	408.51	343.25 - 341.25 (99.92 - 101.92)	0.2	*
4Q16		10/5/2016	NE	32.53	NA	NA	NA	410.64		0.2	*
1Q17		1/17/2017	NE	32.90	NA	NA	NA	410.27		0.0	*
2Q17		4/4/2017	NE	33.61	NA	NA	NA	409.56		0.7	*
3Q17		7/6/2017	NE	31.65	NA	NA	NA	411.52		0.0	*
4Q17		10/3/2017	NE	32.27	NA	NA	NA	410.90		0.0	*
1Q18		1/4/2018	NE	33.45	NA	NA	NA	409.72		3.8	*
2Q18		4/3/2018	NE	34.50	NA	NA	NA	408.67		0.0	*
3Q18		7/3/2018	NE	35.25	NA	NA	NA	407.92		0.0	*
4Q18		10/2/2018	NE	35.68	NA	NA	NA	407.49		0.0	*
1Q19		1/4/2019	NE	36.73	NA	NA	NA	406.44		0.0	*
2Q19		4/3/2019	NE	36.67	NA	NA	NA	406.50		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 14											
3Q16	442.74	7/7/2016	NM	NM	NA	NA	NA	NA	395.41 - 385.41 (47.33 - 57.33)	NM	Unsafe condition at well - Unable to access
4Q16		10/5/2016	NE	28.03	NA	NA	NA	414.71		0.0	*
1Q17		1/17/2017	NE	29.55	NA	NA	NA	413.19		0.0	*
2Q17		4/4/2017	NE	30.33	NA	NA	NA	412.41		0.0	*
3Q17		7/5/2017	NE	26.80	NA	NA	NA	415.94		0.0	*
4Q17		10/3/2017	NE	29.00	NA	NA	NA	413.74		0.0	*
1Q18		1/4/2018	NE	30.12	NA	NA	NA	412.62		0.0	*
2Q18		4/4/2018	NE	30.69	NA	NA	NA	412.05	395.27 - 385.27 (47.47 - 57.47)	0.0	*
3Q18		7/3/2018	NE	31.10	NA	NA	NA	411.64		0.0	*
4Q18		10/3/2018	NE	32.01	NA	NA	NA	410.73		0.0	*
1Q19		1/3/2019	NE	33.34	NA	NA	NA	409.40		0.0	*
2Q19		4/3/2019	NE	32.33	NA	NA	NA	410.41		0.0	*
P 15											
3Q16	443.69	7/5/2016	NE	32.77	NA	NA	NA	410.92	398.24 - 388.24 (45.45 - 55.45)	0.1	*
4Q16		10/5/2016	NE	30.13	NA	NA	NA	413.56		0.0	*
1Q17		1/17/2017	NE	31.20	NA	NA	NA	412.49		0.0	*
2Q17		4/4/2017	NE	32.12	NA	NA	NA	411.57		0.0	*
3Q17		7/5/2017	NE	28.75	NA	NA	NA	414.94		1.6	*
4Q17		10/3/2017	NE	30.70	NA	NA	NA	412.99		0.0	*
1Q18		1/4/2018	NE	31.93	NA	NA	NA	411.76		0.0	*
2Q18		4/4/2018	NE	33.19	NA	NA	NA	410.50		0.0	*
3Q18		7/3/2018	NE	33.28	NA	NA	NA	410.41		0.0	*
4Q18		10/3/2018	NE	33.86	NA	NA	NA	409.83		0.0	*
1Q19		1/4/2019	NE	35.10	NA	NA	NA	408.59		0.0	*
2Q19		4/3/2019	NE	34.75	NA	NA	NA	408.94		0.0	*
P 16											
3Q16	442.68	7/5/2016	NE	32.71	NA	NA	NA	409.97	396.94 - 386.94 (45.74 - 55.74)	0.2	*
4Q16		10/5/2016	NE	28.75	NA	NA	NA	413.93		0.0	*
1Q17		1/17/2017	NE	30.08	NA	NA	NA	412.60		0.0	*
2Q17		4/4/2017	NE	30.99	NA	NA	NA	411.69		0.0	*
3Q17		7/5/2017	NE	27.40	NA	NA	NA	415.28		4.2	*
4Q17		10/3/2017	NE	29.75	NA	NA	NA	412.93		0.0	*
1Q18		1/4/2018	NE	31.07	NA	NA	NA	411.61		0.0	*
2Q18		4/3/2018	NE	31.66	NA	NA	NA	411.02		0.0	*
3Q18		7/3/2018	NE	32.29	NA	NA	NA	410.39		0.0	*
4Q18		10/3/2018	NE	32.99	NA	NA	NA	409.69		0.0	*
1Q19		1/4/2019	NE	34.28	NA	NA	NA	408.40		0.0	*
2Q19		4/3/2019	NE	33.88	NA	NA	NA	408.80		0.0	*
P 43											
3Q16	444.44	7/5/2016	NE	35.52	NA	NA	NA	408.92	380.88 - 370.88 (63.56 - 73.56)	0.7	*
4Q16		10/5/2016	NE	33.34	NA	NA	NA	411.10		0.2	*
1Q17		1/17/2017	NE	33.71	NA	NA	NA	410.73		0.0	*
2Q17		4/4/2017	NE	34.52	NA	NA	NA	409.92		0.0	*
3Q17		7/6/2017	NE	31.87	NA	NA	NA	412.57		0.0	*
4Q17		10/3/2017	NE	33.15	NA	NA	NA	411.29		0.0	*
1Q18		1/4/2018	NE	34.34	NA	NA	NA	410.10		0.0	*
2Q18		4/3/2018	NE	35.37	NA	NA	NA	409.07		0.0	*
3Q18		7/3/2018	NE	36.11	NA	NA	NA	408.33		0.0	*
4Q18		10/2/2018	NE	36.53	NA	NA	NA	407.91		0.0	*
1Q19		1/4/2019	NE	37.59	NA	NA	NA	406.85		0.3	*
2Q19		4/3/2019	NE	37.55	NA	NA	NA	406.89		0.0	*
P 53											
3Q16	446.41	7/5/2016	NE	40.94	NA	NA	NA	405.47	407.91 - 382.91 (38.50 - 63.50)	0.0	
4Q16		10/4/2016	NE	40.12	NA	NA	NA	406.29		0.0	
1Q17		1/16/2017	NE	39.63	NA	NA	NA	406.78		5.8	
2Q17		4/3/2017	NE	40.04	NA	NA	NA	406.37		0.0	
3Q17		7/5/2017	NE	38.70	NA	NA	NA	407.71		0.0	
4Q17		10/3/2017	NE	38.92	NA	NA	NA	407.49		0.0	
1Q18		1/2/2018	NE	40.11	NA	NA	NA	406.30		0.5	
2Q18		4/3/2018	NE	41.38	NA	NA	NA	405.03		0.0	
3Q18		7/2/2018	NE	42.12	NA	NA	NA	404.29		0.0	
4Q18		10/2/2018	NE	42.54	NA	NA	NA	403.87		0.0	
1Q19		1/3/2019	NE	42.64	NA	NA	NA	403.77		0.0	
2Q19		4/1/2019	NE	42.79	NA	NA	NA	403.62	406.10 - 381.10 (40.31 - 65.31)	0.0	

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 54											
3Q16	442.32	7/6/2016	NE	38.47	NA	NA	NA	403.85	404.32 - 379.32 (38.00 - 63.00)	0.0	
4Q16		10/3/2016	NE	37.96	NA	NA	NA	404.36		0.4	*
1Q17		1/16/2017	NE	37.80	NA	NA	NA	404.52		0.2	*
2Q17		4/3/2017	NE	38.28	NA	NA	NA	404.04		0.0	
3Q17		7/5/2017	NE	36.41	NA	NA	NA	405.91		0.0	*
4Q17		10/2/2017	NE	36.88	NA	NA	NA	405.44		0.0	*
1Q18		1/2/2018	NE	39.02	NA	NA	NA	403.30		0.4	
2Q18		4/3/2018	NE	39.94	NA	NA	NA	402.38		0.0	
3Q18		7/2/2018	NE	40.51	NA	NA	NA	401.81		0.0	
4Q18		10/2/2018	NE	40.50	NA	NA	NA	401.82		0.0	
1Q19		1/2/2019	NE	40.29	NA	NA	NA	402.03		0.0	
2Q19		4/1/2019	NE	40.36	NA	NA	NA	401.96		0.0	
P 55R											
3Q16	443.79	7/5/2016	39.93	40.13	403.66	403.86	0.20	403.82	403.36 - 393.36 (40.43 - 50.43)	78.0	*
4Q16		10/3/2016	39.28	39.45	404.34	404.51	0.17	404.48		394	*
1Q17		1/16/2017	38.82	39.30	404.49	404.97	0.48	404.87		133	*
2Q17		4/3/2017	39.06	39.34	404.45	404.73	0.28	404.67		155	*
3Q17		7/5/2017	37.88	37.97	405.82	405.91	0.09	405.89		162	*
4Q17		10/2/2017	37.81	37.98	405.81	405.98	0.17	405.95		104	*
1Q18		1/2/2018	40.30	40.38	403.41	403.49	0.08	403.47		260	*
2Q18		4/2/2018	39.20	41.25	402.54	404.59	2.05	404.18		238	*
3Q18		7/2/2018	41.51	42.12	401.67	402.28	0.61	402.16		152	
4Q18		10/1/2018	41.49	42.18	401.61	402.30	0.69	402.16		153	
1Q19		1/2/2019	41.84	42.27	401.52	401.95	0.43	401.86		15000	
2Q19		4/1/2019	41.21	41.52	402.27	402.58	0.31	402.52		280	
P 56											
3Q16	446.14	7/5/2016	NE	43.03	NA	NA	NA	403.11	405.32 - 380.32 (40.82 - 65.82)	0.2	
4Q16		10/3/2016	NE	42.72	NA	NA	NA	403.42		0.0	
1Q17		1/16/2017	NE	42.01	NA	NA	NA	404.13		180	
2Q17		4/3/2017	NE	42.43	NA	NA	NA	403.71		0.0	
3Q17		7/5/2017	NE	41.18	NA	NA	NA	404.96		0.2	
4Q17		10/2/2017	NE	41.05	NA	NA	NA	405.09		91.2	
1Q18		1/3/2018	NE	43.51	NA	NA	NA	402.63		209	
2Q18		4/3/2018	NE	44.24	NA	NA	NA	401.90		0.0	
3Q18		7/2/2018	NE	45.34	NA	NA	NA	400.80		0.0	
4Q18		10/1/2018	NE	45.27	NA	NA	NA	400.87		0.0	
1Q19		1/2/2019	NE	45.11	NA	NA	NA	401.03		0.0	
2Q19		4/1/2019	NE	45.07	NA	NA	NA	401.07		0.0	
P 57											
3Q16	446.96	7/5/2016	NE	44.20	NA	NA	NA	402.76	402.77 - 392.77 (44.19 - 54.19)	119	
4Q16		10/3/2016	NE	43.40	NA	NA	NA	403.56		141	*
1Q17		1/16/2017	NE	42.89	NA	NA	NA	404.07		135	*
2Q17		4/3/2017	NE	43.21	NA	NA	NA	403.75		140	*
3Q17		7/5/2017	NE	41.92	NA	NA	NA	405.04		132	*
4Q17		10/2/2017	NE	42.35	NA	NA	NA	404.61		47.2	*
1Q18		1/2/2018	NE	44.59	NA	NA	NA	402.37		190	
2Q18		4/3/2018	NE	45.10	NA	NA	NA	401.86		1.3	
3Q18		7/2/2018	NE	45.89	NA	NA	NA	401.07		1.7	
4Q18		10/2/2018	NE	45.86	NA	NA	NA	401.10		0.2	
1Q19		1/2/2019	NE	45.66	NA	NA	NA	401.30		0.0	
2Q19		4/1/2019	NE	45.49	NA	NA	NA	401.47		0.0	
P 58											
3Q16	444.94	7/5/2016	NE	42.21	NA	NA	NA	402.73	404.73 - 379.73 (40.21 - 65.21)	0.1	
4Q16		10/3/2016	NE	41.25	NA	NA	NA	403.69		0.0	
1Q17		1/16/2017	NE	40.78	NA	NA	NA	404.16		135	
2Q17		4/3/2017	NE	40.91	NA	NA	NA	404.03		0.0	
3Q17		7/5/2017	NE	39.81	NA	NA	NA	405.13		11.4	*
4Q17		10/2/2017	40.32	40.35	404.59	404.62	0.03	404.61		5.1	
1Q18		1/2/2018	42.53	42.55	402.39	402.41	0.02	402.41		180	
2Q18		4/2/2018	NE	43.19	NA	NA	NA	401.75		0.0	
3Q18		7/2/2018	NE	43.70	NA	NA	NA	401.24		0.0	
		7/12/2018	43.63	43.64	401.30	401.31	0.01	401.31		0.0	
4Q18		10/1/2018	NE	43.66	NA	NA	NA	401.28		0.0	
1Q19		1/2/2019	43.42	43.43	401.51	401.52	0.01	401.52		0.0	
2Q19		4/1/2019	NE	43.19	NA	NA	NA	401.75		0.0	

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 59											
3Q16	446.86	7/5/2016	NE	43.67	NA	NA	NA	403.19	398.95 - 373.95 (47.91 - 72.91)	239	*
4Q16		10/3/2016	NE	43.65	NA	NA	NA	403.21		424	*
1Q17		1/16/2017	NE	42.83	NA	NA	NA	404.03		221	*
2Q17		4/3/2017	NE	43.06	NA	NA	NA	403.80		359	*
3Q17		7/5/2017	NE	42.08	NA	NA	NA	404.78		322	*
4Q17		10/2/2017	NE	41.57	NA	NA	NA	405.29		189	*
1Q18		1/4/2018	NE	44.44	NA	NA	NA	402.42		3119	*
2Q18		4/3/2018	NE	44.99	NA	NA	NA	401.87		108	*
3Q18		7/2/2018	NE	46.26	NA	NA	NA	400.60		214	*
4Q18		10/1/2018	NE	46.19	NA	NA	NA	400.67		179	*
1Q19		1/2/2019	NE	45.95	NA	NA	NA	400.91		15000	*
2Q19		4/1/2019	46.05	46.06	400.80	400.81	0.01	400.81		313	*
P 60											
3Q16	446.69	7/5/2016	43.13	43.22	403.47	403.56	0.09	403.54	403.24 - 383.24 (43.45 - 63.45)	108	*
4Q16		10/3/2016	43.00	43.05	403.64	403.69	0.05	403.68		145	*
1Q17		1/16/2017	42.25	42.31	404.38	404.44	0.06	404.43		59.7	*
2Q17		4/3/2017	42.49	42.52	404.17	404.20	0.03	404.19		43.2	*
3Q17		7/5/2017	41.49	41.51	405.18	405.20	0.02	405.20		15.0	*
4Q17		10/2/2017	41.12	41.15	405.54	405.57	0.03	405.56		34.9	*
1Q18		1/2/2018	43.54	43.56	403.13	403.15	0.02	403.15		118	
2Q18		4/3/2018	NE	44.25	NA	NA	NA	402.44	402.04 - 382.04 (44.65 - 64.65)	15.6	*
3Q18		7/2/2018	45.61	45.62	401.07	401.08	0.01	401.08		40.7	
4Q18		10/1/2018	45.61	45.63	401.06	401.08	0.02	401.08		36.7	
1Q19		1/2/2019	45.48	45.54	401.15	401.21	0.06	401.20		923	
2Q19		4/1/2019	45.62	45.63	401.06	401.07	0.01	401.07		83.5	
P 61											
3Q16	444.47	7/6/2016	NE	41.63	NA	NA	NA	402.84	398.80 - 373.80 (45.68 - 70.68)	27.3	*
4Q16		10/4/2016	NE	41.11	NA	NA	NA	403.36		17.7	*
1Q17		1/16/2017	NE	40.19	NA	NA	NA	404.28		113	*
2Q17		4/3/2017	40.50	40.61	403.86	403.97	0.11	403.95		8.2	*
3Q17		7/6/2017	39.60	39.71	404.76	404.87	0.11	404.85		935	*
4Q17		10/2/2017	39.43	39.61	404.86	405.04	0.18	405.00		20.1	*
1Q18		1/2/2018	41.78	41.84	402.63	402.69	0.06	402.68		313	*
2Q18		4/4/2018	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at well - Unable to access
3Q18		7/2/2018	43.77	44.20	400.27	400.70	0.43	400.61		91.3	*
4Q18		10/2/2018	43.89	43.93	400.54	400.58	0.04	400.57		237	*
1Q19		1/3/2019	43.79	43.83	400.64	400.68	0.04	400.67		375	*
2Q19		4/1/2019	43.80	43.81	400.66	400.67	0.01	400.67		417	*
P 62											
3Q16	442.43	7/6/2016	39.34	40.09	402.34	403.09	0.75	402.94	400.96 - 375.96 (41.47 - 66.47)	0.1	*
4Q16		10/4/2016	38.63	38.70	403.73	403.80	0.07	403.79		268	*
1Q17		1/16/2017	NE	37.81	NA	NA	NA	404.62		119	*
2Q17		4/3/2017	38.04	38.13	404.30	404.39	0.09	404.37		188	*
3Q17		7/5/2017	37.28	37.33	405.10	405.15	0.05	405.14		32.0	*
4Q17		10/3/2017	37.49	37.52	404.91	404.94	0.03	404.93		201	*
1Q18		1/3/2018	39.05	39.09	403.34	403.38	0.04	403.37		345	*
2Q18		4/2/2018	40.03	41.01	401.42	402.40	0.98	402.20		151	*
3Q18		7/2/2018	41.38	42.49	399.94	401.05	1.11	400.83		0.0	
4Q18		10/3/2018	41.43	42.42	400.01	401.00	0.99	400.80		0.4	
1Q19		1/3/2019	41.47	42.57	399.86	400.96	1.10	400.74		1.2	
2Q19		4/1/2019	41.58	42.34	400.09	400.85	0.76	400.70		63.7	
P 63											
3Q16	445.85	7/6/2016	NE	43.46	NA	NA	NA	402.39	398.56 - 373.56 (47.29 - 72.29)	5.3	*
4Q16		10/4/2016	42.14	42.17	403.68	403.71	0.03	403.70		6.0	*
1Q17		1/17/2017	41.58	41.62	404.23	404.27	0.04	404.26		52.7	*
2Q17		4/3/2017	41.66	41.69	404.16	404.19	0.03	404.18		106	*
3Q17		7/6/2017	40.97	41.01	404.84	404.88	0.04	404.87		208	*
4Q17		10/3/2017	41.32	41.35	404.50	404.53	0.03	404.52		113	*
1Q18		1/3/2018	42.27	42.29	403.56	403.58	0.02	403.58		33.8	*
2Q18		4/4/2018	44.09	44.11	401.74	401.76	0.02	401.76		36.5	*
3Q18		7/3/2018	45.41	45.43	400.42	400.44	0.02	400.44		222	*
4Q18		10/2/2018	45.59	45.62	400.23	400.26	0.03	400.25		70.1	*
1Q19		1/3/2019	45.58	45.61	400.24	400.27	0.03	400.26		68.2	*
2Q19		4/1/2019	45.62	45.65	400.20	400.23	0.03	400.22		852	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 64											
3Q16	446.89	7/6/2016	44.78	44.86	402.03	402.11	0.08	402.09	399.66 - 374.66 (47.23 - 72.23)	13.4	*
4Q16		10/4/2016	43.21	43.29	403.60	403.68	0.08	403.66		16.0	*
1Q17		1/17/2017	NE	42.64	NA	NA	NA	404.25		399	*
2Q17		4/4/2017	43.10	43.18	403.71	403.79	0.08	403.77		71.8	*
3Q17		7/6/2017	42.09	42.16	404.73	404.80	0.07	404.79		332	*
4Q17		10/3/2017	NE	42.60	NA	NA	NA	404.29		215	*
1Q18		1/3/2018	43.20	43.23	403.66	403.69	0.03	403.68		278	*
2Q18		4/4/2018	45.14	45.19	401.70	401.75	0.05	401.74		184	*
3Q18		7/3/2018	46.69	46.73	400.16	400.20	0.04	400.19		269	*
4Q18		10/2/2018	46.94	46.99	399.90	399.95	0.05	399.94		178	*
1Q19		1/2/2019	47.21	47.53	399.36	399.68	0.32	399.62		2559	
2Q19		4/1/2019	46.96	47.08	399.81	399.93	0.12	399.91		1220	*
P 65											
3Q16	444.60	7/7/2016	NE	42.05	NA	NA	NA	402.55	397.58 - 372.58 (47.02 - 72.02)	NM	*
4Q16		10/4/2016	40.75	40.78	403.82	403.85	0.03	403.84		17.1	*
1Q17		1/16/2017	NE	40.08	NA	NA	NA	404.52		7.6	*
2Q17		4/3/2017	NE	40.08	NA	NA	NA	404.52		70.7	*
3Q17		7/6/2017	NE	39.89	NA	NA	NA	404.71		65.6	*
4Q17		10/3/2017	NE	40.14	NA	NA	NA	404.46		83.2	*
1Q18		1/3/2018	NE	41.10	NA	NA	NA	403.50		5.0	*
2Q18		4/4/2018	NE	43.02	NA	NA	NA	401.58		3.5	*
3Q18		7/3/2018	NE	43.58	NA	NA	NA	401.02		24.9	*
4Q18		10/2/2018	NE	43.91	NA	NA	NA	400.69		4.0	*
1Q19		1/3/2019	NE	44.19	NA	NA	NA	400.41		115	*
2Q19		4/1/2019	43.92	43.93	400.67	400.68	0.01	400.68		185	*
P 66											
3Q16	436.81	7/8/2016	NE	33.74	NA	NA	NA	403.07	402.09 - 377.09 (34.72 - 59.72)	76.2	*
4Q16		10/4/2016	NE	32.67	NA	NA	NA	404.14		68.1	*
1Q17		1/17/2017	NE	32.41	NA	NA	NA	404.40		88.1	*
2Q17		4/4/2017	NE	32.55	NA	NA	NA	404.26		112	*
3Q17		7/6/2017	NE	31.32	NA	NA	NA	405.49		29.9	*
4Q17		10/2/2017	NE	31.96	NA	NA	NA	404.85		870	*
1Q18		1/4/2018	NE	34.06	NA	NA	NA	402.75		68.7	*
2Q18		4/4/2018	NE	35.12	NA	NA	NA	401.69		3.7	
3Q18		7/2/2018	NE	35.20	NA	NA	NA	401.61		0.0	
4Q18		10/3/2018	NE	35.03	NA	NA	NA	401.78		8.0	
1Q19		1/4/2019	NE	34.75	NA	NA	NA	402.06		1.2	
2Q19		4/2/2019	NE	34.48	NA	NA	NA	402.33		2.6	*
P 67											
3Q16	444.10	7/8/2016	NE	39.83	NA	NA	NA	404.27	402.12 - 377.12 (41.98 - 66.98)	9.9	*
4Q16		10/4/2016	NE	38.63	NA	NA	NA	405.47		13.1	*
1Q17		1/17/2017	NE	38.50	NA	NA	NA	405.60		35.6	*
2Q17		4/4/2017	NE	38.85	NA	NA	NA	405.25		4.3	*
3Q17		7/6/2017	NE	37.52	NA	NA	NA	406.58		4.9	*
4Q17		10/2/2017	NE	38.10	NA	NA	NA	406.00		366	*
1Q18		1/4/2018	39.98	39.99	404.11	404.12	0.01	404.12		36.7	*
2Q18		4/4/2018	NE	41.04	NA	NA	NA	403.06		6.0	*
3Q18		7/2/2018	41.21	41.24	402.86	402.89	0.03	402.88		0.0	*
4Q18		10/3/2018	41.12	41.14	402.96	402.98	0.02	402.98		0.0	*
1Q19		1/4/2019	40.97	41.00	403.10	403.13	0.03	403.12		25.0	*
2Q19		4/2/2019	40.81	40.82	403.28	403.29	0.01	403.29		99.9	*
P 68											
3Q16	445.18	7/5/2016	40.80	41.86	403.32	404.38	1.06	404.17	399.92 - 374.92 (45.26 - 70.26)	197	*
4Q16		10/4/2016	42.52	42.59	402.59	402.66	0.07	402.65		183	*
1Q17		1/16/2017	40.70	40.71	404.47	404.48	0.01	404.48		101	*
2Q17		4/3/2017	41.02	41.07	404.11	404.16	0.05	404.15		77.8	*
3Q17		7/5/2017	40.10	40.12	405.06	405.08	0.02	405.08		181	*
4Q17		10/2/2017	39.54	39.56	405.62	405.64	0.02	405.64		125	*
1Q18		1/3/2018	42.05	42.07	403.11	403.13	0.02	403.13		137	*
2Q18		4/3/2018	42.89	42.94	402.24	402.29	0.05	402.28	401.42 - 376.42 (43.76 - 68.76)	92.0	*
3Q18		7/2/2018	44.25	44.32	400.86	400.93	0.07	400.92		136	
4Q18		10/2/2018	44.22	44.31	400.87	400.96	0.09	400.94		169	
1Q19		1/3/2019	44.07	44.26	400.92	401.11	0.19	401.07		187	
2Q19		4/1/2019	44.21	44.34	400.84	400.97	0.13	400.94		468	

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 69											
3Q16	443.40	7/6/2016	NE	40.31	NA	NA	NA	403.09	402.58 - 377.58 (40.82 - 65.82)	238	*
4Q16		10/4/2016	NE	40.22	NA	NA	NA	403.18		122	*
1Q17		1/16/2017	NE	39.31	NA	NA	NA	404.09		337	*
2Q17		4/3/2017	NE	39.55	NA	NA	NA	403.85		66.6	*
3Q17		7/5/2017	NE	38.76	NA	NA	NA	404.64		142	*
4Q17		10/2/2017	NE	38.04	NA	NA	NA	405.36		210	*
1Q18		1/3/2018	NE	40.76	NA	NA	NA	402.64		120	*
2Q18		4/4/2018	NE	42.00	NA	NA	NA	401.40		0.0	
3Q18		7/2/2018	NE	43.00	NA	NA	NA	400.40		0.0	
4Q18		10/2/2018	NE	42.95	NA	NA	NA	400.45		0.0	
1Q19		1/3/2019	NE	42.80	NA	NA	NA	400.60		0.1	
2Q19		4/1/2019	NE	42.96	NA	NA	NA	400.44		0.0	
P 70											
3Q16	442.95	7/6/2016	NE	39.92	NA	NA	NA	403.03	398.28 - 373.28 (44.67 - 69.67)	389	*
4Q16		10/4/2016	39.40	39.45	403.50	403.55	0.05	403.54		345	*
1Q17		1/16/2017	38.52	38.57	404.38	404.43	0.05	404.42		289	*
2Q17		4/3/2017	38.81	38.84	404.11	404.14	0.03	404.13		132	*
3Q17		7/6/2017	38.00	38.03	404.92	404.95	0.03	404.94		2525	*
4Q17		10/2/2017	37.73	37.76	405.19	405.22	0.03	405.21		187	*
1Q18		1/2/2018	40.03	40.06	402.89	402.92	0.03	402.91		282	*
2Q18		4/2/2018	40.94	40.98	401.97	402.01	0.04	402.00		90.4	*
3Q18		7/2/2018	42.23	42.26	400.69	400.72	0.03	400.71		238	*
4Q18		10/2/2018	42.25	42.27	400.68	400.70	0.02	400.70		297	*
1Q19		1/3/2019	42.18	42.19	400.76	400.77	0.01	400.77		204	*
2Q19		4/1/2019	42.26	42.27	400.68	400.69	0.01	400.69		1406	*
P 71											
3Q16	444.94	7/7/2016	NE	41.75	NA	NA	NA	403.19	402.33 - 377.33 (42.61 - 67.61)	74.9	*
4Q16		10/4/2016	NE	40.76	NA	NA	NA	404.18		78.0	*
1Q17		1/16/2017	NE	40.05	NA	NA	NA	404.89		0.0	*
2Q17		4/3/2017	NE	40.43	NA	NA	NA	404.51		32.3	*
3Q17		7/6/2017	NE	39.66	NA	NA	NA	405.28		555	*
4Q17		10/3/2017	NE	40.01	NA	NA	NA	404.93		82.3	*
1Q18		1/3/2018	NE	41.42	NA	NA	NA	403.52		6.0	*
2Q18		4/4/2018	NE	42.99	NA	NA	NA	401.95		50.4	
3Q18		7/3/2018	NE	43.36	NA	NA	NA	401.58		41.2	
4Q18		10/2/2018	NE	43.61	NA	NA	NA	401.33		108	
1Q19		1/3/2019	NE	43.73	NA	NA	NA	401.21		123	
2Q19		4/1/2019	NE	43.38	NA	NA	NA	401.56		350	
P 72											
3Q16	444.49	7/6/2016	NE	41.55	NA	NA	NA	402.94	398.72 - 373.72 (45.77 - 70.77)	0.4	*
4Q16		10/4/2016	NE	40.53	NA	NA	NA	403.96		0.6	*
1Q17		1/16/2017	NE	39.55	NA	NA	NA	404.94		14.4	*
2Q17		4/3/2017	NE	39.66	NA	NA	NA	404.83		11.3	*
3Q17		7/6/2017	NE	39.27	NA	NA	NA	405.22		32.9	*
4Q17		10/3/2017	NE	39.69	NA	NA	NA	404.80		6.9	*
1Q18		1/3/2018	NE	40.84	NA	NA	NA	403.65		40.0	*
2Q18		4/4/2018	NE	42.81	NA	NA	NA	401.68		2.6	*
3Q18		7/3/2018	NE	42.90	NA	NA	NA	401.59		2.3	*
4Q18		10/3/2018	43.01	43.02	401.47	401.48	0.01	401.48		7.2	*
1Q19		1/3/2019	43.11	43.12	401.37	401.38	0.01	401.38		135	*
2Q19		4/1/2019	42.93	42.94	401.55	401.56	0.01	401.56		83.4	*
P 73											
3Q16	443.86	7/7/2016	NE	41.83	NA	NA	NA	402.03	402.27 - 377.27 (41.59 - 66.59)	NM	
4Q16		10/4/2016	NE	40.81	NA	NA	NA	403.05		20.0	*
1Q17		1/16/2017	NE	40.00	NA	NA	NA	403.86		112	*
2Q17		4/3/2017	NE	39.55	NA	NA	NA	404.31		81.4	*
3Q17		7/6/2017	NE	39.59	NA	NA	NA	404.27		848	*
4Q17		10/3/2017	NE	40.25	NA	NA	NA	403.61		127	*
1Q18		1/3/2018	NE	41.93	NA	NA	NA	401.93		67.8	
2Q18		4/4/2018	NE	43.21	NA	NA	NA	400.65		0.0	
3Q18		7/3/2018	NE	43.43	NA	NA	NA	400.43		0.0	
4Q18		10/3/2018	NE	43.24	NA	NA	NA	400.62		1.8	
1Q19		1/3/2019	NE	43.06	NA	NA	NA	400.80		6.6	
2Q19		4/2/2019	NE	42.70	NA	NA	NA	401.16		2.6	

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 74											
3Q16	442.72	7/6/2016	NE	39.63	NA	NA	NA	403.09	398.29 - 373.29 (44.43 - 69.43)	0.0	*
4Q16		10/4/2016	NE	39.51	NA	NA	NA	403.21		9.7	*
1Q17		1/16/2017	NE	38.64	NA	NA	NA	404.08		0.0	*
2Q17		4/3/2017	NE	38.88	NA	NA	NA	403.84		0.0	*
3Q17		7/5/2017	NE	38.04	NA	NA	NA	404.68		0.0	*
4Q17		10/2/2017	NE	37.43	NA	NA	NA	405.29		0.0	*
1Q18		1/3/2018	NE	40.21	NA	NA	NA	402.51		1.6	*
2Q18		4/4/2018	NE	39.81	NA	NA	NA	402.91	398.89 - 373.89 (43.83 - 68.83)	0.0	*
3Q18		7/2/2018	NE	42.35	NA	NA	NA	400.37		0.0	*
4Q18		10/2/2018	NE	42.18	NA	NA	NA	400.54		1.1	*
1Q19		1/3/2019	NE	41.95	NA	NA	NA	400.77		0.0	*
2Q19		4/1/2019	NE	40.46	NA	NA	NA	402.26		0.7	*Gauging result anomalous
P 75											
3Q16	446.42	7/8/2016	NE	43.81	NA	NA	NA	402.61	403.29 - 378.29 (43.13 - 68.13)	0.0	
4Q16		10/4/2016	NE	42.64	NA	NA	NA	403.78		9.9	*
1Q17		1/17/2017	NE	42.25	NA	NA	NA	404.17		33.6	*
2Q17		4/4/2017	NE	42.19	NA	NA	NA	404.23		30.9	*
3Q17		7/6/2017	NE	42.45	NA	NA	NA	403.97		12.4	*
4Q17		10/2/2017	NE	41.90	NA	NA	NA	404.52		57.8	*
1Q18		1/4/2018	NE	44.01	NA	NA	NA	402.41		3.0	
2Q18		4/4/2018	NE	45.06	NA	NA	NA	401.36		0.0	
3Q18		7/2/2018	NE	45.15	NA	NA	NA	401.27		0.0	
4Q18		10/3/2018	NE	45.06	NA	NA	NA	401.36		14.4	
1Q19		1/4/2019	NE	44.74	NA	NA	NA	401.68		4.6	
2Q19		4/2/2019	NE	44.43	NA	NA	NA	401.99		21.6	
P 82A											
3Q16	435.02	7/7/2016	NE	26.72	NA	NA	NA	408.30	401.81 - 386.81 (33.21 - 48.21)	0.0	*
4Q16		10/5/2016	NE	25.73	NA	NA	NA	409.29		0.0	*
1Q17		1/16/2017	NE	26.17	NA	NA	NA	408.85		0.0	*
2Q17		4/4/2017	NE	26.88	NA	NA	NA	408.14		0.0	*
3Q17		7/6/2017	NE	24.70	NA	NA	NA	410.32		0.0	*
4Q17		10/3/2017	NE	25.97	NA	NA	NA	409.05		0.0	*
1Q18		1/3/2018	NE	27.54	NA	NA	NA	407.48		0.0	*
2Q18		4/3/2018	NE	27.83	NA	NA	NA	407.19		0.0	*
3Q18		7/2/2018	NE	28.14	NA	NA	NA	406.88		0.0	*
4Q18		10/3/2018	NE	28.38	NA	NA	NA	406.64		0.0	*
1Q19		1/4/2019	NE	28.25	NA	NA	NA	406.77		0.0	*
2Q19		4/2/2019	NE	27.83	NA	NA	NA	407.19		0.0	*
P 82B											
3Q16	434.48	7/7/2016	NE	26.49	NA	NA	NA	407.99	370.88 - 368.88 (63.60 - 65.60)	0.0	*
4Q16		10/5/2016	NE	25.46	NA	NA	NA	409.02		0.0	*
1Q17		1/16/2017	NE	25.88	NA	NA	NA	408.60		0.0	*
2Q17		4/4/2017	NE	26.61	NA	NA	NA	407.87		0.0	*
3Q17		7/6/2017	NE	24.42	NA	NA	NA	410.06		0.0	*
4Q17		10/3/2017	NE	25.70	NA	NA	NA	408.78		0.0	*
1Q18		1/3/2018	NE	27.26	NA	NA	NA	407.22		0.0	*
2Q18		4/3/2018	NE	27.54	NA	NA	NA	406.94	371.68 - 369.68 (62.80 - 64.80)	0.0	*
3Q18		7/2/2018	NE	27.85	NA	NA	NA	406.63		0.0	*
4Q18		10/3/2018	NE	28.09	NA	NA	NA	406.39		0.0	*
1Q19		1/4/2019	NE	27.97	NA	NA	NA	406.51		0.0	*
2Q19		4/2/2019	NE	27.55	NA	NA	NA	406.93		0.0	*
P 82C											
3Q16	434.21	7/7/2016	NE	26.26	NA	NA	NA	407.95	351.44 - 349.44 (82.77 - 84.77)	0.0	*
4Q16		10/5/2016	NE	25.20	NA	NA	NA	409.01		0.0	*
1Q17		1/16/2017	NE	25.60	NA	NA	NA	408.61		0.0	*
2Q17		4/4/2017	NE	26.30	NA	NA	NA	407.91		0.0	*
3Q17		7/6/2017	NE	24.12	NA	NA	NA	410.09		0.0	*
4Q17		10/3/2017	NE	25.41	NA	NA	NA	408.80		0.0	*
1Q18		1/3/2018	NE	26.98	NA	NA	NA	407.23		0.0	*
2Q18		4/3/2018	NE	27.22	NA	NA	NA	406.99		0.0	*
3Q18		7/2/2018	NE	27.65	NA	NA	NA	406.56		0.0	*
4Q18		10/3/2018	NE	27.79	NA	NA	NA	406.42		0.0	*
1Q19		1/4/2019	NE	27.67	NA	NA	NA	406.54		0.0	*
2Q19		4/2/2019	NE	27.25	NA	NA	NA	406.96		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 82D											
3Q16	434.89	7/7/2016	NE	26.98	NA	NA	NA	407.91	323.47 - 321.47 (111.42 - 113.42)	0.0	*
4Q16		10/5/2016	NE	25.95	NA	NA	NA	408.94		0.0	*
1Q17		1/16/2017	NE	26.40	NA	NA	NA	408.49		0.0	*
2Q17		4/4/2017	NE	27.09	NA	NA	NA	407.80		0.0	*
3Q17		7/6/2017	NE	24.90	NA	NA	NA	409.99		0.0	*
4Q17		10/3/2017	NE	26.20	NA	NA	NA	408.69		0.0	*
1Q18		1/3/2018	NE	27.78	NA	NA	NA	407.11		0.0	*
2Q18		4/3/2018	NE	27.99	NA	NA	NA	406.90	323.35 - 321.35 (111.54 - 113.54)	0.0	*
3Q18		7/2/2018	NE	28.35	NA	NA	NA	406.54		0.0	*
4Q18		10/3/2018	NE	28.57	NA	NA	NA	406.32		0.0	*
1Q19		1/4/2019	NE	28.42	NA	NA	NA	406.47		0.0	*
2Q19		4/2/2019	NE	27.99	NA	NA	NA	406.90		0.0	*
P 83A											
3Q16	445.36	7/7/2016	NE	41.34	NA	NA	NA	404.02	398.71 - 383.71 (46.65 - 61.65)	1.3	*
4Q16		10/3/2016	NE	39.79	NA	NA	NA	405.57		0.0	*
1Q17		1/16/2017	NE	39.25	NA	NA	NA	406.11		0.0	*
2Q17		4/3/2017	NE	39.56	NA	NA	NA	405.80		0.0	*
3Q17		7/6/2017	NE	38.15	NA	NA	NA	407.21		0.0	*
4Q17		10/3/2017	NE	38.88	NA	NA	NA	406.48		0.0	*
1Q18		1/3/2018	NE	39.76	NA	NA	NA	405.60		0.0	*
2Q18		4/2/2018	NE	40.74	NA	NA	NA	404.62		0.0	*
3Q18		7/2/2018	NE	42.59	NA	NA	NA	402.77		0.0	*
4Q18		10/1/2018	NE	43.03	NA	NA	NA	402.33		0.0	*
1Q19		1/2/2019	NE	43.55	NA	NA	NA	401.81		0.0	*
2Q19		4/2/2019	NE	43.34	NA	NA	NA	402.02	397.96 - 382.96 (47.40 - 62.40)	0.0	*
P 83B											
3Q16	445.55	7/7/2016	NE	41.76	NA	NA	NA	403.79	375.90 - 373.90 (69.65 - 71.65)	0.0	*
4Q16		10/3/2016	NE	40.23	NA	NA	NA	405.32		1.4	*
1Q17		1/16/2017	NE	39.48	NA	NA	NA	406.07		0.4	*
2Q17		4/3/2017	NE	39.83	NA	NA	NA	405.72		11.0	*
3Q17		7/6/2017	NE	38.71	NA	NA	NA	406.84		0.0	*
4Q17		10/3/2017	NE	39.13	NA	NA	NA	406.42		0.0	*
1Q18		1/3/2018	NE	40.01	NA	NA	NA	405.54		0.6	*
2Q18		4/2/2018	NE	41.01	NA	NA	NA	404.54	371.75 - 369.75 (73.80 - 75.80)	0.0	*
3Q18		7/2/2018	NE	42.83	NA	NA	NA	402.72		0.0	*
4Q18		10/1/2018	NE	43.29	NA	NA	NA	402.26		0.0	*
1Q19		1/2/2019	NE	43.80	NA	NA	NA	401.75		0.0	*
2Q19		4/2/2019	NE	43.59	NA	NA	NA	401.96		0.0	*
P 83C											
3Q16	445.78	7/7/2016	NE	47.76	NA	NA	NA	398.02	353.39 - 351.39 (92.39 - 94.39)	0.0	*
4Q16		10/3/2016	NE	40.19	NA	NA	NA	405.59		0.0	*
1Q17		1/16/2017	NE	39.63	NA	NA	NA	406.15		0.6	*
2Q17		4/3/2017	NE	39.96	NA	NA	NA	405.82		1.4	*
3Q17		7/6/2017	NE	38.56	NA	NA	NA	407.22		0.0	*
4Q17		10/3/2017	NE	39.27	NA	NA	NA	406.51		0.0	*
1Q18		1/3/2018	NE	40.16	NA	NA	NA	405.62		0.0	*
2Q18		4/2/2018	NE	41.15	NA	NA	NA	404.63		0.0	*
3Q18		7/2/2018	NE	42.99	NA	NA	NA	402.79		0.0	*
4Q18		10/1/2018	NE	43.44	NA	NA	NA	402.34		0.0	*
1Q19		1/2/2019	NE	43.95	NA	NA	NA	401.83		0.0	*
2Q19		4/2/2019	NE	43.75	NA	NA	NA	402.03		0.0	*
P 83D											
3Q16	445.70	7/7/2016	NE	41.72	NA	NA	NA	403.98	311.99 - 309.99 (133.71 - 135.71)	0.0	*
4Q16		10/3/2016	NE	40.15	NA	NA	NA	405.55		0.0	*
1Q17		1/16/2017	NE	39.59	NA	NA	NA	406.11		1.2	*
2Q17		4/3/2017	NE	39.94	NA	NA	NA	405.76		0.0	*
3Q17		7/6/2017	NE	38.51	NA	NA	NA	407.19		0.0	*
4Q17		10/3/2017	NE	39.25	NA	NA	NA	406.45		0.0	*
1Q18		1/3/2018	NE	40.11	NA	NA	NA	405.59		0.0	*
2Q18		4/2/2018	NE	41.13	NA	NA	NA	404.57	311.90 - 309.90 (133.80 - 135.80)	0.0	*
3Q18		7/2/2018	NE	43.96	NA	NA	NA	401.74		0.0	*
4Q18		10/1/2018	NE	43.41	NA	NA	NA	402.29		0.0	*
1Q19		1/2/2019	NE	43.93	NA	NA	NA	401.77		0.0	*
2Q19		4/2/2019	NE	43.72	NA	NA	NA	401.98		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 84A											
3Q16	446.49	7/6/2016	NE	41.86	NA	NA	NA	404.63	397.99 - 382.99 (48.50 - 63.50)	0.0	*
4Q16		10/5/2016	NE	40.91	NA	NA	NA	405.58		0.6	*
1Q17		1/17/2017	NE	40.34	NA	NA	NA	406.15		0.0	*
2Q17		4/4/2017	NE	40.80	NA	NA	NA	405.69		0.0	*
3Q17		7/5/2017	NM	NM	NA	NA	NA	NA		NM	Inaccessible due to construction
4Q17		10/3/2017	NE	39.69	NA	NA	NA	406.80		0.0	*
1Q18		1/3/2018	NE	40.84	NA	NA	NA	405.65		0.1	*
2Q18		4/4/2018	NE	42.22	NA	NA	NA	404.27	397.57 - 382.57 (48.92 - 63.92)	0.0	*
3Q18		7/3/2018	NE	43.16	NA	NA	NA	403.33		0.0	*
4Q18		10/3/2018	NE	43.55	NA	NA	NA	402.94		0.0	*
1Q19		1/3/2019	NE	43.79	NA	NA	NA	402.70		0.0	*
2Q19		4/2/2019	NE	43.79	NA	NA	NA	402.70		0.0	*
P 84B											
3Q16	446.21	7/6/2016	NE	41.62	NA	NA	NA	404.59	372.71 - 370.71 (73.50 - 75.50)	0.0	*
4Q16		10/5/2016	NE	40.63	NA	NA	NA	405.58		0.0	*
1Q17		1/17/2017	NE	40.08	NA	NA	NA	406.13		0.0	*
2Q17		4/4/2017	NE	40.54	NA	NA	NA	405.67		0.0	*
3Q17		7/5/2017	NM	NM	NA	NA	NA	NA		NM	Inaccessible due to construction
4Q17		10/3/2017	NE	39.43	NA	NA	NA	406.78		0.0	*
1Q18		1/3/2018	NE	40.56	NA	NA	NA	405.65		0.1	*
2Q18		4/4/2018	NE	41.94	NA	NA	NA	404.27		0.0	*
3Q18		7/3/2018	NE	42.90	NA	NA	NA	403.31		0.0	*
4Q18		10/3/2018	NE	43.28	NA	NA	NA	402.93		0.0	*
1Q19		1/3/2019	NE	43.51	NA	NA	NA	402.70		0.1	*
2Q19		4/2/2019	NE	43.51	NA	NA	NA	402.70		0.0	*
P 84C											
3Q16	446.22	7/6/2016	NE	41.61	NA	NA	NA	404.61	352.17 - 350.17 (94.05 - 96.05)	0.0	*
4Q16		10/5/2016	NE	40.66	NA	NA	NA	405.56		7.5	*
1Q17		1/17/2017	NE	40.08	NA	NA	NA	406.14		0.0	*
2Q17		4/4/2017	NE	40.54	NA	NA	NA	405.68		0.0	*
3Q17		7/5/2017	NM	NM	NA	NA	NA	NA		NM	Inaccessible due to construction
4Q17		10/3/2017	NE	39.42	NA	NA	NA	406.80		0.0	*
1Q18		1/3/2018	NE	40.57	NA	NA	NA	405.65		0.0	*
2Q18		4/4/2018	NE	41.96	NA	NA	NA	404.26		0.0	*
3Q18		7/3/2018	NE	43.89	NA	NA	NA	402.33		0.0	*
4Q18		10/3/2018	NE	43.28	NA	NA	NA	402.94		0.0	*
1Q19		1/3/2019	NE	43.53	NA	NA	NA	402.69		0.1	*
2Q19		4/2/2019	NE	43.52	NA	NA	NA	402.70		0.0	*
P 84D											
3Q16	446.24	7/6/2016	NE	41.63	NA	NA	NA	404.61	325.09 - 323.09 (121.15 - 123.15)	0.0	*
4Q16		10/5/2016	NE	40.65	NA	NA	NA	405.59		6.0	*
1Q17		1/17/2017	NM	NM	NA	NA	NA	NA		NM	
2Q17		4/4/2017	NE	40.55	NA	NA	NA	405.69		0.0	*
3Q17		7/5/2017	NM	NM	NA	NA	NA	NA		NM	Inaccessible due to construction
4Q17		10/3/2017	NE	39.45	NA	NA	NA	406.79		0.0	*
1Q18		1/3/2018	NE	40.58	NA	NA	NA	405.66		0.1	*
2Q18		4/4/2018	NE	41.97	NA	NA	NA	404.27	325.41 - 323.41 (120.83 - 122.83)	0.0	*
3Q18		7/3/2018	NE	42.89	NA	NA	NA	403.35		0.0	*
4Q18		10/3/2018	NE	43.28	NA	NA	NA	402.96		0.0	*
1Q19		1/3/2019	NE	43.51	NA	NA	NA	402.73		NM	*
2Q19		4/2/2019	NE	43.52	NA	NA	NA	402.72		0.0	*
P 88A											
3Q16	443.09	7/7/2016	NE	32.80	NA	NA	NA	410.29	404.69 - 389.69 (38.40 - 53.40)	0.0	*
4Q16		10/5/2016	NE	31.75	NA	NA	NA	411.34		0.0	*
1Q17		1/17/2017	NE	31.75	NA	NA	NA	411.34		0.0	*
2Q17		4/4/2017	NE	32.36	NA	NA	NA	410.73		0.0	*
3Q17		7/6/2017	NE	30.57	NA	NA	NA	412.52		0.0	*
4Q17		10/2/2017	NE	31.10	NA	NA	NA	411.99		0.0	*
1Q18		1/4/2018	NE	32.60	NA	NA	NA	410.49		0.0	*
2Q18		4/4/2018	NE	34.04	NA	NA	NA	409.05		0.0	*
3Q18		7/2/2018	NE	33.86	NA	NA	NA	409.23		0.0	*
4Q18		10/3/2018	NE	34.01	NA	NA	NA	409.08		0.0	*
1Q19		1/4/2019	NE	34.31	NA	NA	NA	408.78		0.0	*
2Q19		4/2/2019	NE	34.22	NA	NA	NA	408.87		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 88B											
3Q16	443.16	7/7/2016	NE	32.92	NA	NA	NA	410.24	371.16 - 369.16 (72.00 - 74.00)	0.0	*
4Q16		10/5/2016	NE	31.82	NA	NA	NA	411.34		0.0	*
1Q17		1/17/2017	NE	31.81	NA	NA	NA	411.35		3.5	*
2Q17		4/4/2017	NE	32.43	NA	NA	NA	410.73		0.0	*
3Q17		7/6/2017	NE	30.64	NA	NA	NA	412.52		0.0	*
4Q17		10/2/2017	NE	31.15	NA	NA	NA	412.01		0.0	*
1Q18		1/4/2018	NE	32.67	NA	NA	NA	410.49		0.0	*
2Q18		4/4/2018	NE	34.09	NA	NA	NA	409.07	371.51 - 369.51 (71.65 - 73.65)	0.0	*
3Q18		7/2/2018	NE	33.84	NA	NA	NA	409.32		0.0	*
4Q18		10/3/2018	NE	34.08	NA	NA	NA	409.08		0.1	*
1Q19		1/4/2019	NE	34.37	NA	NA	NA	408.79		0.0	*
2Q19		4/2/2019	NE	34.29	NA	NA	NA	408.87		0.0	*
P 88C											
3Q16	443.13	7/7/2016	NE	32.87	NA	NA	NA	410.26	350.83 - 348.83 (92.30 - 94.30)	0.0	*
4Q16		10/5/2016	NE	31.75	NA	NA	NA	411.38		0.0	*
1Q17		1/17/2017	NE	31.77	NA	NA	NA	411.36		0.0	*
2Q17		4/4/2017	NE	32.38	NA	NA	NA	410.75		0.0	*
3Q17		7/6/2017	NE	30.60	NA	NA	NA	412.53		0.0	*
4Q17		10/2/2017	NE	31.10	NA	NA	NA	412.03		0.0	*
1Q18		1/4/2018	NE	32.62	NA	NA	NA	410.51		0.0	*
2Q18		4/4/2018	NE	34.05	NA	NA	NA	409.08		0.0	*
3Q18		7/2/2018	NE	33.88	NA	NA	NA	409.25		0.0	*
4Q18		10/3/2018	NE	34.02	NA	NA	NA	409.11		0.0	*
1Q19		1/4/2019	NE	34.32	NA	NA	NA	408.81		0.0	*
2Q19		4/2/2019	NE	34.24	NA	NA	NA	408.89		0.0	*
P 88D											
3Q16	443.20	7/7/2016	NE	32.98	NA	NA	NA	410.22	329.50 - 327.50 (113.70 - 115.70)	0.0	*
4Q16		10/5/2016	NE	31.97	NA	NA	NA	411.23		0.0	*
1Q17		1/17/2017	NE	31.91	NA	NA	NA	411.29		0.0	*
2Q17		4/4/2017	NE	32.54	NA	NA	NA	410.66		0.0	*
3Q17		7/6/2017	NE	30.69	NA	NA	NA	412.51		0.0	*
4Q17		10/2/2017	NE	31.29	NA	NA	NA	411.91		0.0	*
1Q18		1/4/2018	NE	32.82	NA	NA	NA	410.38		0.0	*
2Q18		4/4/2018	NE	34.17	NA	NA	NA	409.03	331.03 - 329.03 (112.17 - 114.17)	0.0	*
3Q18		7/2/2018	NE	34.09	NA	NA	NA	409.11		0.0	*
4Q18		10/3/2018	NE	34.26	NA	NA	NA	408.94		0.0	*
1Q19		1/4/2019	NE	34.45	NA	NA	NA	408.75		0.0	*
2Q19		4/2/2019	NE	34.30	NA	NA	NA	408.90		0.0	*
P 89B											
3Q16	447.44	7/5/2016	NE	40.72	NA	NA	NA	406.72	370.08 - 368.08 (77.36 - 79.36)	0.1	*
4Q16		10/5/2016	NE	38.84	NA	NA	NA	408.60		0.2	*
1Q17		1/17/2017	NE	38.76	NA	NA	NA	408.68		0.0	*
2Q17		4/4/2017	NE	39.32	NA	NA	NA	408.12		0.0	*
3Q17		7/6/2017	NE	37.49	NA	NA	NA	409.95		0.0	*
4Q17		10/3/2017	NE	38.17	NA	NA	NA	409.27		0.0	*
1Q18		1/4/2018	NE	39.23	NA	NA	NA	408.21		0.0	*
2Q18		4/3/2018	NE	40.47	NA	NA	NA	406.97		0.0	*
3Q18		7/3/2018	NE	41.39	NA	NA	NA	406.05		0.0	*
4Q18		10/2/2018	NE	41.74	NA	NA	NA	405.70		0.0	*
1Q19		1/3/2019	NE	42.63	NA	NA	NA	404.81		0.0	*
2Q19		4/2/2019	NE	42.41	NA	NA	NA	405.03		0.0	*
P 89C											
3Q16	447.76	7/5/2016	NE	41.05	NA	NA	NA	406.71	350.13 - 348.13 (97.63 - 99.63)	0.1	*
4Q16		10/5/2016	NE	39.63	NA	NA	NA	408.13		0.2	*
1Q17		1/17/2017	NE	39.11	NA	NA	NA	408.65		0.0	*
2Q17		4/4/2017	NE	39.66	NA	NA	NA	408.10		0.0	*
3Q17		7/6/2017	NE	37.85	NA	NA	NA	409.91		0.0	*
4Q17		10/3/2017	NE	38.53	NA	NA	NA	409.23		0.0	*
1Q18		1/4/2018	NE	39.65	NA	NA	NA	408.11		0.0	*
2Q18		4/3/2018	NE	40.79	NA	NA	NA	406.97		0.0	*
3Q18		7/3/2018	NE	42.09	NA	NA	NA	405.67		0.0	*
4Q18		10/2/2018	NE	42.11	NA	NA	NA	405.65		0.0	*
1Q19		1/3/2019	NE	43.03	NA	NA	NA	404.73		0.0	*
2Q19		4/2/2019	NE	42.75	NA	NA	NA	405.01		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 89D											
3Q16	447.63	7/5/2016	NE	41.08	NA	NA	NA	406.55	307.29 - 305.29 (140.34 - 142.34)	0.1	*
4Q16		10/5/2016	NE	39.18	NA	NA	NA	408.45		0.2	*
1Q17		1/17/2017	NE	39.03	NA	NA	NA	408.60		0.0	*
2Q17		4/4/2017	NE	39.51	NA	NA	NA	408.12		0.0	*
3Q17		7/6/2017	NE	37.84	NA	NA	NA	409.79		0.0	*
4Q17		10/3/2017	NE	38.48	NA	NA	NA	409.15		0.0	*
1Q18		1/4/2018	NE	39.48	NA	NA	NA	408.15		2.0	*
2Q18		4/3/2018	NE	40.95	NA	NA	NA	406.68		0.0	*
3Q18		7/3/2018	NE	41.76	NA	NA	NA	405.87		0.0	*
4Q18		10/2/2018	NE	42.15	NA	NA	NA	405.48		0.0	*
1Q19		1/3/2019	NE	43.11	NA	NA	NA	404.52		0.0	*
2Q19		4/2/2019	NE	42.87	NA	NA	NA	404.76		0.0	*
P 91A											
3Q16	447.24	7/7/2016	NE	44.12	NA	NA	NA	403.12	395.72 - 380.72 (51.51 - 66.51)	13.1	*
4Q16		10/4/2016	44.59	44.61	402.63	402.65	0.02	402.65		4.7	*
1Q17		1/16/2017	NE	43.81	NA	NA	NA	403.43		139	*
2Q17		4/4/2017	44.61	44.64	402.60	402.63	0.03	402.62		43.8	*
3Q17		7/6/2017	43.18	43.21	404.03	404.06	0.03	404.05		304	*
4Q17		10/3/2017	43.79	43.80	403.44	403.45	0.01	403.45		106	*
1Q18		1/2/2018	44.43	44.45	402.79	402.81	0.02	402.81		25.8	*
2Q18		4/3/2018	NE	45.39	NA	NA	NA	401.85		43.1	*
3Q18		7/2/2018	NE	48.52	NA	NA	NA	398.72		151	*
4Q18		10/1/2018	NE	48.70	NA	NA	NA	398.54		5.6	*
1Q19		1/2/2019	48.87	48.90	398.34	398.37	0.03	398.36		1129	*
2Q19		4/2/2019	48.58	48.59	398.65	398.66	0.01	398.66		413	*
P 91B											
3Q16	447.28	7/7/2016	NE	46.56	NA	NA	NA	400.72	372.59 - 370.59 (74.69 - 76.69)	0.2	*
4Q16		10/4/2016	NE	44.72	NA	NA	NA	402.56		0.7	*
1Q17		1/16/2017	NE	43.93	NA	NA	NA	403.35		2.0	*
2Q17		4/4/2017	NE	44.74	NA	NA	NA	402.54		6.7	*
3Q17		7/6/2017	NE	43.26	NA	NA	NA	404.02		28.7	*
4Q17		10/3/2017	NE	43.88	NA	NA	NA	403.40		8.4	*
1Q18		1/2/2018	NE	44.23	NA	NA	NA	403.05		102	*
2Q18		4/3/2018	NE	45.45	NA	NA	NA	401.83		0.5	*
3Q18		7/2/2018	NE	48.69	NA	NA	NA	398.59		11.0	*
4Q18		10/1/2018	NE	48.88	NA	NA	NA	398.40		12.1	*
1Q19		1/2/2019	NE	49.04	NA	NA	NA	398.24		73.3	*
2Q19		4/2/2019	NE	48.75	NA	NA	NA	398.53		116	*
P 91C											
3Q16	447.07	7/7/2016	NE	46.32	NA	NA	NA	400.75	352.34 - 350.34 (94.73 - 96.73)	0.0	*
4Q16		10/4/2016	NE	44.47	NA	NA	NA	402.60		0.4	*
1Q17		1/16/2017	NE	43.62	NA	NA	NA	403.45		0.2	*
2Q17		4/4/2017	NE	44.51	NA	NA	NA	402.56		0.0	*
3Q17		7/6/2017	NE	43.03	NA	NA	NA	404.04		0.0	*
4Q17		10/3/2017	NE	43.66	NA	NA	NA	403.41		0.4	*
1Q18		1/2/2018	NE	44.00	NA	NA	NA	403.07		9.5	*
2Q18		4/3/2018	NE	45.21	NA	NA	NA	401.86		0.0	*
3Q18		7/2/2018	NE	48.44	NA	NA	NA	398.63		0.0	*
4Q18		10/1/2018	NE	48.61	NA	NA	NA	398.46		0.0	*
1Q19		1/2/2019	NE	48.80	NA	NA	NA	398.27		1.2	*
2Q19		4/2/2019	NE	48.47	NA	NA	NA	398.60		0.0	*
P 91D											
3Q16	447.06	7/7/2016	NE	46.31	NA	NA	NA	400.75	278.74 - 276.74 (168.32 - 170.32)	0.0	*
4Q16		10/4/2016	NE	44.46	NA	NA	NA	402.60		0.3	*
1Q17		1/16/2017	NE	43.67	NA	NA	NA	403.39		1.2	*
2Q17		4/4/2017	NE	44.50	NA	NA	NA	402.56		0.1	*
3Q17		7/6/2017	NE	43.02	NA	NA	NA	404.04		0.0	*
4Q17		10/3/2017	NE	43.64	NA	NA	NA	403.42		0.0	*
1Q18		1/2/2018	NE	43.98	NA	NA	NA	403.08		3.4	*
2Q18		4/3/2018	NE	45.20	NA	NA	NA	401.86		0.0	*
3Q18		7/2/2018	NE	48.41	NA	NA	NA	398.65		0.0	*
4Q18		10/1/2018	NE	48.56	NA	NA	NA	398.50		0.0	*
1Q19		1/2/2019	NE	48.76	NA	NA	NA	398.30		1.6	*
2Q19		4/2/2019	NE	48.44	NA	NA	NA	398.62		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 92A											
3Q16	446.24	7/6/2016	NE	44.12	NA	NA	NA	402.12	398.67 - 383.67 (47.57 - 62.57)	16.0	*
4Q16		10/4/2016	42.63	42.71	403.53	403.61	0.08	403.59		11.5	*
1Q17		1/17/2017	42.19	42.22	404.02	404.05	0.03	404.04		42.0	*
2Q17		4/4/2017	42.38	42.40	403.84	403.86	0.02	403.86		55.5	*
3Q17		7/6/2017	41.87	41.89	404.35	404.37	0.02	404.37		215	*
4Q17		10/3/2017	42.12	42.15	404.09	404.12	0.03	404.11		83.7	*
1Q18		1/3/2018	42.91	42.94	403.30	403.33	0.03	403.32		119	*
2Q18		4/4/2018	44.83	44.84	401.40	401.41	0.01	401.41		31.5	*
3Q18		7/3/2018	NE	45.69	NA	NA	NA	400.55		4.0	*
4Q18		10/2/2018	46.04	46.06	400.18	400.20	0.02	400.20		33.8	*
1Q19		1/2/2019	46.39	46.41	399.83	399.85	0.02	399.85		640	*
2Q19		4/1/2019	46.10	46.11	400.13	400.14	0.01	400.14		232	*
P 92B											
3Q16	446.18	7/6/2016	NE	44.10	NA	NA	NA	402.08	372.53 - 370.53 (73.65 - 75.65)	0.1	*
4Q16		10/4/2016	NE	42.53	NA	NA	NA	403.65		0.0	*
1Q17		1/17/2017	NE	42.18	NA	NA	NA	404.00		0.0	*
2Q17		4/4/2017	NE	42.36	NA	NA	NA	403.82		0.0	*
3Q17		7/6/2017	NE	41.85	NA	NA	NA	404.33		1.3	*
4Q17		10/3/2017	NE	42.10	NA	NA	NA	404.08		0.0	*
1Q18		1/3/2018	NE	42.89	NA	NA	NA	403.29		0.2	*
2Q18		4/4/2018	NE	44.79	NA	NA	NA	401.39		0.0	*
3Q18		7/3/2018	NE	45.65	NA	NA	NA	400.53		0.5	*
4Q18		10/2/2018	NE	46.01	NA	NA	NA	400.17		0.1	*
1Q19		1/2/2019	NE	46.34	NA	NA	NA	399.84		0.0	*
2Q19		4/1/2019	NE	46.06	NA	NA	NA	400.12	371.77 - 369.77 (74.41 - 76.41)	1.9	*
P 92C											
3Q16	446.17	7/6/2016	NE	44.10	NA	NA	NA	402.07	353.21 - 348.21 (92.96 - 97.96)	11.3	*
4Q16		10/4/2016	NE	42.52	NA	NA	NA	403.65		0.0	*
1Q17		1/17/2017	NE	42.16	NA	NA	NA	404.01		1.8	*
2Q17		4/4/2017	NE	42.35	NA	NA	NA	403.82		1.5	*
3Q17		7/6/2017	NE	41.85	NA	NA	NA	404.32		0.6	*
4Q17		10/3/2017	NE	42.10	NA	NA	NA	404.07		0.1	*
1Q18		1/3/2018	NE	42.88	NA	NA	NA	403.29		1.2	*
2Q18		4/4/2018	NE	44.76	NA	NA	NA	401.41		0.0	*
3Q18		7/3/2018	NE	45.60	NA	NA	NA	400.57		0.3	*
4Q18		10/2/2018	NE	45.97	NA	NA	NA	400.20		2.5	*
1Q19		1/2/2019	NE	46.34	NA	NA	NA	399.83		83.1	*
2Q19		4/1/2019	NE	46.03	NA	NA	NA	400.14		22.6	*
P 92D											
3Q16	446.00	7/6/2016	NE	43.99	NA	NA	NA	402.01	305.00 - 303.00 (141.00 - 143.00)	0.3	*
4Q16		10/4/2016	NE	42.38	NA	NA	NA	403.62		0.0	*
1Q17		1/17/2017	NE	42.04	NA	NA	NA	403.96		0.0	*
2Q17		4/4/2017	NE	42.19	NA	NA	NA	403.81		0.6	*
3Q17		7/6/2017	NE	41.73	NA	NA	NA	404.27		0.0	*
4Q17		10/3/2017	NE	41.97	NA	NA	NA	404.03		0.0	*
1Q18		1/3/2018	NE	42.70	NA	NA	NA	403.30		0.2	*
2Q18		4/4/2018	NE	44.61	NA	NA	NA	401.39		0.0	*
3Q18		7/3/2018	NE	45.50	NA	NA	NA	400.50		0.0	*
4Q18		10/2/2018	NE	45.88	NA	NA	NA	400.12		0.1	*
1Q19		1/2/2019	NE	46.24	NA	NA	NA	399.76		0.0	*
2Q19		4/1/2019	NE	45.94	NA	NA	NA	400.06		0.2	*
P 93A											
3Q16	445.12	7/5/2016	NE	42.42	NA	NA	NA	402.70	402.05 - 392.05 (43.07 - 53.07)	3.7	*
4Q16		10/3/2016	NE	41.58	NA	NA	NA	403.54		1.9	*
1Q17		1/16/2017	NE	41.04	NA	NA	NA	404.08		7.6	*
2Q17		4/3/2017	NE	41.16	NA	NA	NA	403.96		51.2	*
3Q17		7/5/2017	NE	40.10	NA	NA	NA	405.02		0.0	*
4Q17		10/2/2017	NE	40.53	NA	NA	NA	404.59		152	*
1Q18		1/4/2018	NE	42.79	NA	NA	NA	402.33		12.8	*
2Q18		4/2/2018	NE	43.58	NA	NA	NA	401.54		21.1	
3Q18		7/2/2018	NE	44.03	NA	NA	NA	401.09		0.0	
4Q18		10/2/2018	NE	43.98	NA	NA	NA	401.14		0.0	
1Q19		1/2/2019	NE	43.83	NA	NA	NA	401.29		0.0	
2Q19		4/1/2019	NE	43.61	NA	NA	NA	401.51		0.3	

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 93B											
3Q16	446.52	7/5/2016	NE	43.75	NA	NA	NA	402.77	371.92 - 369.92 (74.60 - 76.60)	0.5	*
4Q16		10/3/2016	NE	42.93	NA	NA	NA	403.59		0.0	*
1Q17		1/16/2017	NE	42.41	NA	NA	NA	404.11		0.1	*
2Q17		4/3/2017	NE	42.51	NA	NA	NA	404.01		0.0	*
3Q17		7/5/2017	NE	41.45	NA	NA	NA	405.07		0.0	*
4Q17		10/2/2017	NE	41.88	NA	NA	NA	404.64		0.0	*
1Q18		1/3/2018	NE	44.25	NA	NA	NA	402.27		0.0	*
2Q18		4/2/2018	NE	44.94	NA	NA	NA	401.58	371.64 - 369.64 (74.88 - 76.88)	0.0	*
3Q18		7/2/2018	NE	45.60	NA	NA	NA	400.92		0.5	*
4Q18		10/2/2018	NE	45.36	NA	NA	NA	401.16		0.0	*
1Q19		1/2/2019	NE	45.19	NA	NA	NA	401.33		12.5	*
2Q19		4/1/2019	NE	44.99	NA	NA	NA	401.53	371.74 - 369.74 (74.78 - 76.78)	0.0	*
P 93C											
3Q16	446.28	7/5/2016	NE	43.57	NA	NA	NA	402.71	353.81 - 348.81 (92.47 - 97.47)	0.6	*
4Q16		10/3/2016	NE	41.73	NA	NA	NA	404.55		0.0	*
1Q17		1/16/2017	NE	42.20	NA	NA	NA	404.08		12.6	*
2Q17		4/3/2017	NE	42.31	NA	NA	NA	403.97		0.0	*
3Q17		7/5/2017	NE	41.26	NA	NA	NA	405.02		0.0	*
4Q17		10/2/2017	NE	41.68	NA	NA	NA	404.60		0.0	*
1Q18		1/3/2018	NE	43.77	NA	NA	NA	402.51		0.3	*
2Q18		4/2/2018	NE	44.78	NA	NA	NA	401.50	353.40 - 348.40 (92.88 - 97.88)	0.0	*
3Q18		7/2/2018	NE	45.28	NA	NA	NA	401.00		0.0	*
4Q18		10/2/2018	NE	45.19	NA	NA	NA	401.09		0.0	*
1Q19		1/2/2019	NE	45.02	NA	NA	NA	401.26		0.0	*
2Q19		4/1/2019	NE	44.81	NA	NA	NA	401.47		0.0	*
P 93D											
3Q16	446.73	7/5/2016	NE	43.97	NA	NA	NA	402.76	320.98 - 318.98 (125.75 - 127.75)	1.1	*
4Q16		10/3/2016	NE	43.12	NA	NA	NA	403.61		0.0	*
1Q17		1/16/2017	NE	42.59	NA	NA	NA	404.14		0.0	*
2Q17		4/3/2017	NE	42.72	NA	NA	NA	404.01		0.0	*
3Q17		7/5/2017	NE	41.65	NA	NA	NA	405.08		0.0	*
4Q17		10/2/2017	NE	42.10	NA	NA	NA	404.63		0.0	*
1Q18		1/3/2018	NE	44.19	NA	NA	NA	402.54		0.0	*
2Q18		4/2/2018	NE	45.12	NA	NA	NA	401.61		0.0	*
3Q18		7/2/2018	NE	45.67	NA	NA	NA	401.06		0.0	*
4Q18		10/2/2018	NE	45.57	NA	NA	NA	401.16		0.0	*
1Q19		1/2/2019	NE	45.36	NA	NA	NA	401.37		0.0	*
2Q19		4/1/2019	NE	45.18	NA	NA	NA	401.55		0.0	*
P 94											
3Q16	445.14	7/6/2016	NE	37.06	NA	NA	NA	408.08	399.29 - 384.29 (45.85 - 60.85)	1.1	*
4Q16		10/3/2016	NE	34.80	NA	NA	NA	410.34		0.0	*
1Q17		1/16/2017	NE	35.04	NA	NA	NA	410.10		0.0	*
2Q17		4/3/2017	NE	35.64	NA	NA	NA	409.50		0.0	*
3Q17		7/6/2017	NE	33.00	NA	NA	NA	412.14		0.0	*
4Q17		10/3/2017	NE	34.60	NA	NA	NA	410.54		0.0	*
1Q18		1/3/2018	NE	35.80	NA	NA	NA	409.34		0.0	*
2Q18		4/2/2018	NE	37.09	NA	NA	NA	408.05	398.90 - 383.90 (46.24 - 61.24)	0.0	*
3Q18		7/2/2018	NE	37.80	NA	NA	NA	407.34		0.0	*
4Q18		10/1/2018	NE	38.36	NA	NA	NA	406.78		0.0	*
1Q19		1/2/2019	NE	39.49	NA	NA	NA	405.65		0.0	*
2Q19		4/2/2019	NE	39.18	NA	NA	NA	405.96		0.0	*
P 95											
3Q16	443.42	7/7/2016	NE	30.95	NA	NA	NA	412.47	406.90 - 391.90 (36.52 - 51.52)	0.0	*
4Q16		10/5/2016	NE	29.72	NA	NA	NA	413.70		0.1	*
1Q17		1/17/2017	NE	29.71	NA	NA	NA	413.71		6.8	*
2Q17		4/4/2017	NE	30.40	NA	NA	NA	413.02		0.0	*
3Q17		7/6/2017	NE	28.61	NA	NA	NA	414.81		0.0	*
4Q17		10/2/2017	NE	29.02	NA	NA	NA	414.40		0.0	*
1Q18		1/4/2018	NE	30.53	NA	NA	NA	412.89		0.0	*
2Q18		4/4/2018	NE	32.02	NA	NA	NA	411.40		0.0	*
3Q18		7/2/2018	NE	31.87	NA	NA	NA	411.55		0.0	*
4Q18		10/3/2018	NE	32.03	NA	NA	NA	411.39		0.1	*
1Q19		1/4/2019	NE	32.63	NA	NA	NA	410.79		0.0	*
2Q19		4/2/2019	NE	32.49	NA	NA	NA	410.93		0.0	*

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 102											
3Q16	444.97	7/8/2016	NE	34.54	NA	NA	NA	410.43	402.22 - 382.22 (42.75 - 62.75)	17.8	*
4Q16		10/5/2016	NE	33.01	NA	NA	NA	411.96		105	*
1Q17		1/17/2017	NE	33.00	NA	NA	NA	411.97		22.3	*
2Q17		4/4/2017	NE	33.68	NA	NA	NA	411.29		107	*
3Q17		7/6/2017	NE	31.80	NA	NA	NA	413.17		15.6	*
4Q17		10/2/2017	NE	32.19	NA	NA	NA	412.78		631	*
1Q18		1/4/2018	NE	33.41	NA	NA	NA	411.56		363	*
2Q18		4/4/2018	NE	35.06	NA	NA	NA	409.91		0.2	*
3Q18		7/2/2018	NE	35.09	NA	NA	NA	409.88		0.0	*
4Q18		10/3/2018	NE	35.32	NA	NA	NA	409.65		6.3	*
1Q19		1/4/2019	NE	36.10	NA	NA	NA	408.87		0.2	*
2Q19		4/2/2019	NE	36.06	NA	NA	NA	408.91		0.0	*
P 114R											
3Q16	429.26	7/8/2016	NE	24.95	NA	NA	NA	404.31	406.25 - 396.25 (23.01 - 33.01)	0.0	
4Q16		10/4/2016	NE	23.74	NA	NA	NA	405.52		51.0	
1Q17		1/17/2017	NE	24.81	NA	NA	NA	404.45		1.9	
2Q17		4/5/2017	NE	24.93	NA	NA	NA	404.33		0.7	
3Q17		7/6/2017	NE	22.38	NA	NA	NA	406.88		43.7	*
4Q17		10/2/2017	NE	24.21	NA	NA	NA	405.05		0.0	
1Q18		1/3/2018	NE	26.16	NA	NA	NA	403.10		9.0	
2Q18		4/9/2018	NE	26.76	NA	NA	NA	402.50		0.1	
3Q18		7/2/2018	NE	26.50	NA	NA	NA	402.76		0.0	
4Q18		10/2/2018	NE	26.26	NA	NA	NA	403.00		0.0	
1Q19		1/3/2019	NE	26.02	NA	NA	NA	403.24		38.7	
2Q19		4/2/2019	NE	25.47	NA	NA	NA	403.79		132	
P 115											
3Q16	433.36	7/8/2016	NE	28.87	NA	NA	NA	404.49	401.06 - 381.06 (32.30 - 52.30)	0.0	*
4Q16		10/4/2016	NE	27.61	NA	NA	NA	405.75		0.2	*
1Q17		1/17/2017	NE	28.88	NA	NA	NA	404.48		1.9	*
2Q17		4/5/2017	NE	29.20	NA	NA	NA	404.16		0.0	*
3Q17		7/6/2017	NE	26.28	NA	NA	NA	407.08		0.0	*
4Q17		10/2/2017	NE	28.33	NA	NA	NA	405.03		0.0	*
1Q18		1/3/2018	NE	30.22	NA	NA	NA	403.14		0.0	*
2Q18		4/4/2018	NE	31.03	NA	NA	NA	402.33		0.0	*
3Q18		7/2/2018	NE	30.38	NA	NA	NA	402.98		0.0	*
4Q18		10/2/2018	NE	30.07	NA	NA	NA	403.29		0.0	*
1Q19		1/3/2019	NE	29.83	NA	NA	NA	403.53		0.0	*
2Q19		4/2/2019	NE	29.08	NA	NA	NA	404.28		0.0	*
P 116											
3Q16	436.63	7/8/2016	NE	32.23	NA	NA	NA	404.40	399.19 - 379.19 (37.44 - 57.44)	0.0	*
4Q16		10/4/2016	NE	30.96	NA	NA	NA	405.67		0.1	*
1Q17		1/17/2017	NE	32.37	NA	NA	NA	404.26		0.1	*
2Q17		4/5/2017	NE	32.66	NA	NA	NA	403.97		0.0	*
3Q17		7/6/2017	NE	29.61	NA	NA	NA	407.02		2.9	*
4Q17		10/2/2017	NE	32.17	NA	NA	NA	404.46		0.0	*
1Q18		1/3/2018	NE	33.69	NA	NA	NA	402.94		0.0	*
2Q18		4/4/2018	NE	34.47	NA	NA	NA	402.16		0.0	*
3Q18		7/2/2018	NE	33.74	NA	NA	NA	402.89		0.0	*
4Q18		10/2/2018	NE	33.38	NA	NA	NA	403.25		0.0	*
1Q19		1/3/2019	NE	33.18	NA	NA	NA	403.45		0.1	*
2Q19		4/3/2019	NE	32.53	NA	NA	NA	404.10		0.0	*
P 117											
3Q16	432.71	7/8/2016	NE	28.39	NA	NA	NA	404.32	399.78 - 379.78 (32.93 - 52.93)	0.0	*
4Q16		10/4/2016	NE	27.13	NA	NA	NA	405.58		0.1	*
1Q17		1/17/2017	NE	28.55	NA	NA	NA	404.16		0.0	*
2Q17		4/5/2017	NE	28.93	NA	NA	NA	403.78		0.0	*
3Q17		7/6/2017	NE	25.78	NA	NA	NA	406.93		0.0	*
4Q17		10/2/2017	NE	28.08	NA	NA	NA	404.63		0.0	*
1Q18		1/3/2018	NE	29.90	NA	NA	NA	402.81		0.0	*
2Q18		4/4/2018	NE	30.68	NA	NA	NA	402.03		0.0	*
3Q18		7/2/2018	NE	29.92	NA	NA	NA	402.79		0.0	*
4Q18		10/2/2018	NE	29.56	NA	NA	NA	403.15		0.0	*
1Q19		1/3/2019	NE	29.37	NA	NA	NA	403.34		0.4	*
2Q19		4/2/2019	NE	28.45	NA	NA	NA	404.26		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 118											
3Q16	431.31	7/8/2016	NE	27.12	NA	NA	NA	404.19	400.19 - 384.26 (31.12 - 47.05)	0.7	*
4Q16		10/4/2016	NE	25.78	NA	NA	NA	405.53		0.1	*
1Q17		1/17/2017	NE	27.61	NA	NA	NA	403.70		0.6	*
2Q17		4/5/2017	NE	27.92	NA	NA	NA	403.39		0.0	*
3Q17		7/6/2017	NE	24.45	NA	NA	NA	406.86		0.0	*
4Q17		10/2/2017	NE	27.19	NA	NA	NA	404.12		0.0	*
1Q18		1/3/2018	NE	28.99	NA	NA	NA	402.32		0.0	*
2Q18		4/4/2018	NE	29.57	NA	NA	NA	401.74		0.0	*
3Q18		7/2/2018	NE	28.63	NA	NA	NA	402.68		0.0	*
4Q18		10/3/2018	NE	28.11	NA	NA	NA	403.20		0.0	*
1Q19		1/3/2019	NE	28.03	NA	NA	NA	403.28		0.3	*
2Q19		4/3/2019	NE	26.92	NA	NA	NA	404.39		0.0	*
P 119											
3Q16	431.90	7/8/2016	NE	27.61	NA	NA	NA	404.29	401.23 - 385.30 (30.67 - 46.60)	0.0	*
4Q16		10/4/2016	NE	26.32	NA	NA	NA	405.58		0.1	*
1Q17		1/17/2017	NE	26.92	NA	NA	NA	404.98		0.0	*
2Q17		4/5/2017	NE	27.14	NA	NA	NA	404.76		0.0	*
3Q17		7/6/2017	NE	25.06	NA	NA	NA	406.84		1.5	*
4Q17		10/2/2017	NE	26.38	NA	NA	NA	405.52		0.0	*
1Q18		1/3/2018	NE	28.27	NA	NA	NA	403.63		0.0	*
2Q18		4/4/2018	NE	29.24	NA	NA	NA	402.66		0.0	*
3Q18		7/2/2018	NE	29.03	NA	NA	NA	402.87		0.0	*
4Q18		10/2/2018	NE	28.88	NA	NA	NA	403.02		0.0	*
1Q19		1/3/2019	NE	28.62	NA	NA	NA	403.28		0.5	*
2Q19		4/3/2019	NE	28.33	NA	NA	NA	403.57		0.0	*
P 120											
3Q16	432.82	7/8/2016	NE	27.59	NA	NA	NA	405.23	401.44 - 385.51 (31.38 - 47.31)	0.0	*
4Q16		10/4/2016	NE	26.24	NA	NA	NA	406.58		0.0	*
1Q17		1/17/2017	NE	27.37	NA	NA	NA	405.45		0.0	*
2Q17		4/5/2017	NE	27.55	NA	NA	NA	405.27		0.0	*
3Q17		7/6/2017	NE	25.10	NA	NA	NA	407.72		0.4	*
4Q17		10/2/2017	NE	26.84	NA	NA	NA	405.98		0.0	*
1Q18		1/3/2018	NE	28.69	NA	NA	NA	404.13		0.0	*
2Q18		4/4/2018	NE	29.48	NA	NA	NA	403.34		0.0	*
3Q18		7/2/2018	NE	29.04	NA	NA	NA	403.78		0.0	*
4Q18		10/2/2018	NE	28.90	NA	NA	NA	403.92		0.0	*
1Q19		1/3/2019	NE	28.65	NA	NA	NA	404.17		0.3	*
2Q19		4/2/2019	NE	27.96	NA	NA	NA	404.86		0.0	*
P 129											
3Q16	432.43	7/8/2016	NE	28.77	NA	NA	NA	403.66	400.46 - 384.53 (31.97 - 47.9)	0.0	*
4Q16		10/4/2016	NE	27.31	NA	NA	NA	405.12		0.4	*
1Q17		1/17/2017	NE	30.09	NA	NA	NA	402.34		0.0	*
2Q17		4/5/2017	NE	30.17	NA	NA	NA	402.26		0.0	*
3Q17		7/6/2017	NE	26.09	NA	NA	NA	406.34		0.0	*
4Q17		10/2/2017	NE	29.86	NA	NA	NA	402.57		0.0	*
1Q18		1/3/2018	NE	31.67	NA	NA	NA	400.76		0.0	*
2Q18		4/4/2018	NE	31.58	NA	NA	NA	400.85		0.0	*
3Q18		7/3/2018	NE	29.91	NA	NA	NA	402.52		0.0	*
4Q18		10/2/2018	NE	29.62	NA	NA	NA	402.81		0.0	*
1Q19		1/3/2019	NE	29.58	NA	NA	NA	402.85		0.1	*
2Q19		4/2/2019	NE	26.90	NA	NA	NA	405.53		0.0	*
ROST 3 MW											
3Q16	442.29	7/6/2016	NE	38.51	NA	NA	NA	403.78	404.48 - 394.48 (37.81 - 47.81)	191	
4Q16		10/3/2016	NE	38.20	NA	NA	NA	404.09		320	
1Q17		1/11/2017	NE	37.67	NA	NA	NA	404.62		182	*
2Q17		4/3/2017	NE	38.13	NA	NA	NA	404.16		248	
3Q17		7/5/2017	NE	36.64	NA	NA	NA	405.65		212	*
4Q17		10/2/2017	NE	36.72	NA	NA	NA	405.57		1045	*
1Q18		1/3/2018	NE	38.80	NA	NA	NA	403.49		296	
2Q18		4/2/2018	NE	39.89	NA	NA	NA	402.40		1.3	
3Q18		7/2/2018	NE	40.72	NA	NA	NA	401.57		0.0	
4Q18		10/1/2018	NE	40.78	NA	NA	NA	401.51		0.0	
1Q19		1/3/2019	NE	40.61	NA	NA	NA	401.68		0.0	
2Q19		4/1/2019	NE	40.68	NA	NA	NA	401.61		0.0	

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
ROST 4 PZ											
3Q16	442.13	7/5/2016	NE	37.98	NA	NA	NA	404.15	407.20 - 397.20 (34.93 - 44.93)	0.1	
4Q16		10/3/2016	NE	37.67	NA	NA	NA	404.46		0.5	
1Q17		1/16/2017	NE	36.96	NA	NA	NA	405.17		8.2	
2Q17		4/3/2017	NE	37.35	NA	NA	NA	404.78		0.0	
3Q17		7/5/2017	NE	36.55	NA	NA	NA	405.58		0.0	
4Q17		10/2/2017	NE	36.12	NA	NA	NA	406.01		0.3	
1Q18		1/2/2018	NE	37.88	NA	NA	NA	404.25		60.7	
2Q18		4/2/2018	NE	39.15	NA	NA	NA	402.98		0.0	
3Q18		7/2/2018	NE	39.77	NA	NA	NA	402.36		0.0	
4Q18		10/1/2018	NE	39.81	NA	NA	NA	402.32		0.0	
1Q19		1/2/2019	NE	39.72	NA	NA	NA	402.41		0.0	
2Q19		4/1/2019	NE	40.00	NA	NA	NA	402.13		0.0	
ROST 4 PZ(A)											
3Q16	442.11	7/5/2016	NE	36.89	NA	NA	NA	405.22	407.34 - 397.34 (34.77 - 44.77)	0.0	
4Q16		10/3/2016	NE	36.52	NA	NA	NA	405.59		0.3	
1Q17		1/16/2017	NE	36.23	NA	NA	NA	405.88		0.3	
2Q17		4/3/2017	NE	36.80	NA	NA	NA	405.31		0.0	
3Q17		7/5/2017	NE	35.80	NA	NA	NA	406.31		0.0	
4Q17		10/2/2017	NE	35.42	NA	NA	NA	406.69		2.3	
1Q18		1/2/2018	NE	37.16	NA	NA	NA	404.95		1.3	
2Q18		4/2/2018	NE	38.53	NA	NA	NA	403.58		0.0	
3Q18		7/2/2018	NE	39.59	NA	NA	NA	402.52		0.0	
4Q18		10/2/2018	NE	39.67	NA	NA	NA	402.44		0.0	
1Q19		1/2/2019	NE	39.53	NA	NA	NA	402.58		0.0	
2Q19		4/1/2019	NE	40.05	NA	NA	NA	402.06		0.0	
ROST 4 PZ(B)											
3Q16	442.38	7/5/2016	NE	37.89	NA	NA	NA	404.49	407.33 - 397.33 (35.05 - 45.05)	0.0	
4Q16		10/3/2016	NE	37.54	NA	NA	NA	404.84		0.5	
1Q17		1/16/2017	NE	36.96	NA	NA	NA	405.42		12.0	
2Q17		4/3/2017	NE	37.43	NA	NA	NA	404.95		0.0	
3Q17		7/5/2017	NE	36.53	NA	NA	NA	405.85		0.0	
4Q17		10/2/2017	NE	36.09	NA	NA	NA	406.29		0.7	
1Q18		1/2/2018	NE	37.85	NA	NA	NA	404.53		0.9	
2Q18		4/2/2018	NE	39.30	NA	NA	NA	403.08		0.0	
3Q18		7/2/2018	NE	40.02	NA	NA	NA	402.36		0.0	
4Q18		10/1/2018	NE	39.82	NA	NA	NA	402.56		0.0	
1Q19		1/2/2019	NE	39.86	NA	NA	NA	402.52		0.0	
2Q19		4/1/2019	NE	40.18	NA	NA	NA	402.20		0.0	
ROST 4 PZ(C)											
3Q16	442.66	7/6/2016	NE	38.77	NA	NA	NA	403.89	407.71 - 397.71 (34.95 - 44.95)	0.0	
4Q16		10/3/2016	NE	38.55	NA	NA	NA	404.11		2.8	
1Q17		1/16/2017	NE	37.88	NA	NA	NA	404.78		9.8	
2Q17		4/3/2017	NE	38.24	NA	NA	NA	404.42		0.0	
3Q17		7/5/2017	NE	37.23	NA	NA	NA	405.43		0.0	
4Q17		10/2/2017	NE	36.99	NA	NA	NA	405.67		0.2	
1Q18		1/2/2018	NE	38.75	NA	NA	NA	403.91		30.9	
2Q18		4/2/2018	NE	39.98	NA	NA	NA	402.68		0.0	
3Q18		7/2/2018	NE	40.88	NA	NA	NA	401.78		0.0	
4Q18		10/1/2018	NE	40.93	NA	NA	NA	401.73		0.0	
1Q19		1/3/2019	NE	40.78	NA	NA	NA	401.88		0.0	
2Q19		4/1/2019	NE	41.04	NA	NA	NA	401.62		0.0	
ROST 4 PZ(D)											
3Q16	442.98	7/6/2016	NE	38.67	NA	NA	NA	404.31	408.01 - 398.01 (34.97 - 44.97)	0.0	
4Q16		10/3/2016	NE	38.41	NA	NA	NA	404.57		14.1	
1Q17		1/16/2017	NE	37.68	NA	NA	NA	405.30		71.9	
2Q17		4/3/2017	NE	38.09	NA	NA	NA	404.89		0.0	
3Q17		7/5/2017	NE	37.17	NA	NA	NA	405.81		0.0	
4Q17		10/2/2017	NE	36.85	NA	NA	NA	406.13		0.1	
1Q18		1/2/2018	NE	38.63	NA	NA	NA	404.35		0.0	
2Q18		4/2/2018	NE	39.82	NA	NA	NA	403.16		0.0	
3Q18		7/2/2018	NE	40.77	NA	NA	NA	402.21		0.0	
4Q18		10/1/2018	NE	40.23	NA	NA	NA	402.75		0.0	
1Q19		1/3/2019	NE	40.65	NA	NA	NA	402.33		0.0	
2Q19		4/1/2019	NE	40.88	NA	NA	NA	402.10		0.0	

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
ROST 4 PZ(E)											
3Q16	441.96	7/5/2016	NE	37.86	NA	NA	NA	404.10	407.21 - 397.21 (34.75 - 44.75)	0.1	
4Q16		10/3/2016	NE	37.61	NA	NA	NA	404.35		0.8	
1Q17		1/16/2017	NE	36.94	NA	NA	NA	405.02		0.0	
2Q17		4/3/2017	NE	37.28	NA	NA	NA	404.68		0.0	
3Q17		7/5/2017	NE	36.48	NA	NA	NA	405.48		0.0	
4Q17		10/2/2017	NE	36.10	NA	NA	NA	405.86		0.3	
1Q18		1/2/2018	NE	37.85	NA	NA	NA	404.11		11.1	
2Q18		4/3/2018	NE	38.78	NA	NA	NA	403.18		0.0	
3Q18		7/2/2018	NE	39.54	NA	NA	NA	402.42		0.0	
4Q18		10/1/2018	NE	39.59	NA	NA	NA	402.37		0.0	
1Q19		1/2/2019	NE	39.48	NA	NA	NA	402.48		0.0	
2Q19		4/1/2019	NE	39.72	NA	NA	NA	402.24		0.0	
ROST 4 PZ(F)											
3Q16	442.12	7/5/2016	NE	38.10	NA	NA	NA	404.02	407.59 - 397.59 (34.53 - 44.53)	0.0	
4Q16		10/3/2016	NE	37.85	NA	NA	NA	404.27		1.6	
1Q17		1/16/2017	NE	37.20	NA	NA	NA	404.92		0.0	
2Q17		4/3/2017	NE	37.63	NA	NA	NA	404.49		0.0	
3Q17		7/5/2017	NE	36.67	NA	NA	NA	405.45		0.0	
4Q17		10/2/2017	NE	36.25	NA	NA	NA	405.87		0.0	
1Q18		1/2/2018	NE	38.07	NA	NA	NA	404.05		0.7	
2Q18		4/3/2018	NE	38.97	NA	NA	NA	403.15		0.0	
3Q18		7/2/2018	NE	39.57	NA	NA	NA	402.55		0.0	
4Q18		10/1/2018	NE	39.59	NA	NA	NA	402.53		0.0	
1Q19		1/2/2019	NE	39.51	NA	NA	NA	402.61		0.0	
2Q19		4/1/2019	NE	39.75	NA	NA	NA	402.37		0.0	
ROST 4 PZ(G)											
3Q16	442.13	7/6/2016	NE	38.34	NA	NA	NA	403.79	407.85 - 397.85 (34.28 - 44.28)	0.0	
4Q16		10/3/2016	NE	38.29	NA	NA	NA	403.84		0.4	
1Q17		1/16/2017	NE	37.57	NA	NA	NA	404.56		52.7	
2Q17		4/3/2017	NE	37.93	NA	NA	NA	404.20		0.4	
3Q17		7/5/2017	NE	36.77	NA	NA	NA	405.36		9.2	
4Q17		10/2/2017	NE	36.43	NA	NA	NA	405.70		272	
1Q18		1/2/2018	NE	38.97	NA	NA	NA	403.16		77.4	
2Q18		4/2/2018	NE	39.84	NA	NA	NA	402.29		0.2	
3Q18		7/2/2018	NE	40.87	NA	NA	NA	401.26		0.0	
4Q18		10/1/2018	NE	40.94	NA	NA	NA	401.19		0.0	
1Q19		1/3/2019	NE	40.74	NA	NA	NA	401.39		0.0	
2Q19		4/1/2019	NE	40.78	NA	NA	NA	401.35		0.0	
S 1											
3Q16	443.90	7/6/2016	NE	39.12	NA	NA	NA	404.78	Unknown	61.6	
4Q16		10/4/2016	40.22	40.26	403.64	403.68	0.04	403.67		97.1	
1Q17		1/16/2017	39.30	39.37	404.53	404.60	0.07	404.59		420	
2Q17		4/3/2017	39.35	39.41	404.49	404.55	0.06	404.54		356	
3Q17		7/6/2017	39.02	39.08	404.82	404.88	0.06	404.87		602	
4Q17		10/3/2017	39.45	39.61	404.29	404.45	0.16	404.42		163	
1Q18		1/3/2018	40.78	40.85	403.05	403.12	0.07	403.11		185	
2Q18		4/4/2018	42.44	42.50	401.40	401.46	0.06	401.45		191	
3Q18		7/3/2018	42.88	42.95	400.95	401.02	0.07	401.01		168	
4Q18		10/2/2018	42.90	43.02	400.88	401.00	0.12	400.98		176	
1Q19		1/3/2019	43.05	43.08	400.82	400.85	0.03	400.84		212	
2Q19		4/1/2019	42.84	42.85	401.05	401.06	0.01	401.06		572	
T 1											
3Q16	445.40	7/7/2016	NM	NM	NA	NA	NA	NA	398.40 - 388.40 (47.00 - 57.00)	NM	Unsafe condition at well - Unable to access
4Q16		10/3/2016	NE	40.52	NA	NA	NA	404.88		4.2	*
1Q17		1/16/2017	NE	40.05	NA	NA	NA	405.35		0.0	*
2Q17		4/3/2017	NE	40.51	NA	NA	NA	404.89		0.0	*
3Q17		7/5/2017	NE	39.11	NA	NA	NA	406.29		0.0	*
4Q17		10/2/2017	NE	39.30	NA	NA	NA	406.10		2.3	*
1Q18		1/2/2018	NE	41.16	NA	NA	NA	404.24		8.0	*
2Q18		4/2/2018	NE	42.22	NA	NA	NA	403.18		0.0	*
3Q18		7/2/2018	NE	43.16	NA	NA	NA	402.24		0.0	*
4Q18		10/2/2018	NE	43.33	NA	NA	NA	402.07		0.0	*
1Q19		1/2/2019	NE	43.33	NA	NA	NA	402.07		0.0	*
2Q19		4/1/2019	NE	43.44	NA	NA	NA	401.96		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
T 2											
3Q16	443.21	7/5/2016	NE	39.67	NA	NA	NA	403.54	392.72 - 372.56 (50.49 - 70.64)	0.1	*
4Q16		10/3/2016	NE	38.69	NA	NA	NA	404.52		0.0	*
1Q17		1/16/2017	NE	37.95	NA	NA	NA	405.26		0.0	*
2Q17		4/3/2017	NE	38.30	NA	NA	NA	404.91		0.0	*
3Q17		7/5/2017	NE	37.21	NA	NA	NA	406.00		0.0	*
4Q17		10/3/2017	NE	37.54	NA	NA	NA	405.67		0.0	*
1Q18		1/2/2018	NE	38.82	NA	NA	NA	404.39		0.0	*
2Q18		4/2/2018	NE	40.07	NA	NA	NA	403.14		0.0	*
3Q18		7/2/2018	NE	41.40	NA	NA	NA	401.81		0.0	*
4Q18		10/1/2018	NE	41.69	NA	NA	NA	401.52		0.0	*
1Q19		1/3/2019	NE	41.83	NA	NA	NA	401.38		0.0	*
2Q19		4/2/2019	NE	41.72	NA	NA	NA	401.49		0.0	*
T 3											
3Q16	449.03	7/5/2016	NE	46.89	NA	NA	NA	402.14	403.81 - 388.81 (45.22 - 60.22)	0.2	
4Q16		10/4/2016	NE	45.41	NA	NA	NA	403.62		0.0	
1Q17		1/17/2017	NE	44.71	NA	NA	NA	404.32		0.0	*
2Q17		4/3/2017	NE	45.05	NA	NA	NA	403.98		0.0	*
3Q17		7/6/2017	NE	44.04	NA	NA	NA	404.99		0.0	*
4Q17		10/3/2017	NE	44.42	NA	NA	NA	404.61		0.0	*
1Q18		1/2/2018	45.43	45.44	403.59	403.60	0.01	403.60		7.6	
2Q18		4/4/2018	NE	46.94	NA	NA	NA	402.09		0.1	
3Q18		7/2/2018	NE	48.85	NA	NA	NA	400.18		0.0	
4Q18		10/1/2018	NE	49.26	NA	NA	NA	399.77		0.0	
1Q19		1/2/2019	NE	49.53	NA	NA	NA	399.50		4.9	
2Q19		4/2/2019	NE	49.24	NA	NA	NA	399.79		0.0	
T 4											
3Q16	446.63	7/7/2016	NE	45.04	NA	NA	NA	401.59	398.32 - 383.32 (48.31 - 63.31)	0.0	*
4Q16		10/4/2016	NE	42.80	NA	NA	NA	403.83		0.0	*
1Q17		1/17/2017	NE	42.50	NA	NA	NA	404.13		0.0	*
2Q17		4/4/2017	NE	42.98	NA	NA	NA	403.65		12.4	*
3Q17		7/6/2017	NE	41.92	NA	NA	NA	404.71		0.0	*
4Q17		10/3/2017	NE	42.65	NA	NA	NA	403.98		0.0	*
1Q18		1/4/2018	NE	43.21	NA	NA	NA	403.42		10.4	*
2Q18		4/4/2018	NE	45.12	NA	NA	NA	401.51		0.0	*
3Q18		7/3/2018	NE	46.96	NA	NA	NA	399.67		0.0	*
4Q18		10/2/2018	NE	47.04	NA	NA	NA	399.59		0.1	*
1Q19		1/2/2019	NE	47.65	NA	NA	NA	398.98		0.0	*
2Q19		4/2/2019	NE	47.14	NA	NA	NA	399.49	396.61 - 381.61 (50.02 - 65.02)	0.0	*
T 5											
3Q16	443.47	7/6/2016	NE	40.30	NA	NA	NA	403.17	395.14 - 378.59 (48.33 - 64.88)	4.3	*
4Q16		10/5/2016	NE	38.99	NA	NA	NA	404.48		28.5	*
1Q17		1/16/2017	NE	38.38	NA	NA	NA	405.09		2.6	*
2Q17		4/3/2017	NE	38.36	NA	NA	NA	405.11		0.0	*
3Q17		7/6/2017	NE	38.07	NA	NA	NA	405.40		9.4	*
4Q17		10/3/2017	NE	38.38	NA	NA	NA	405.09		40.9	*
1Q18		1/3/2018	NE	39.45	NA	NA	NA	404.02		3.0	*
2Q18		4/4/2018	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at well - Unable to access
3Q18		7/3/2018	NE	41.59	NA	NA	NA	401.88		2.2	*
4Q18		10/2/2018	NE	41.87	NA	NA	NA	401.60		5.7	*
1Q19		1/3/2019	NE	42.11	NA	NA	NA	401.36		17.7	*
2Q19		4/1/2019	NE	41.84	NA	NA	NA	401.63		4.2	*
T 6											
3Q16	446.61	7/5/2016	NE	43.81	NA	NA	NA	402.80	394.85 - 380.60 (51.76 - 66.01)	0.3	*
4Q16		10/3/2016	NE	43.09	NA	NA	NA	403.52		4.0	*
1Q17		1/16/2017	NE	42.50	NA	NA	NA	404.11		5.6	*
2Q17		4/3/2017	NE	42.71	NA	NA	NA	403.90		2.3	*
3Q17		7/5/2017	NE	41.60	NA	NA	NA	405.01		0.1	*
4Q17		10/2/2017	NE	41.92	NA	NA	NA	404.69		0.2	*
1Q18		1/2/2018	NE	44.30	NA	NA	NA	402.31		2.0	*
2Q18		4/3/2018	NE	44.81	NA	NA	NA	401.80		0.7	*
3Q18		7/2/2018	NE	45.61	NA	NA	NA	401.00		0.1	*
4Q18		10/1/2018	NE	45.58	NA	NA	NA	401.03		0.0	*
1Q19		1/2/2019	NE	45.42	NA	NA	NA	401.19		17.1	*
2Q19		4/1/2019	NE	45.24	NA	NA	NA	401.37	394.10 - 379.85 (52.51 - 66.76)	0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
T 7											
3Q16	444.04	7/8/2016	NE	39.84	NA	NA	NA	404.20	395.32 - 380.32 (48.72 - 63.72)	1.1	*
4Q16		10/4/2016	NE	38.65	NA	NA	NA	405.39		0.5	*
1Q17		1/17/2017	NE	38.52	NA	NA	NA	405.52		2.5	*
2Q17		4/4/2017	NE	38.84	NA	NA	NA	405.20		0.8	*
3Q17		7/6/2017	NE	37.53	NA	NA	NA	406.51		0.0	*
4Q17		10/2/2017	NE	38.09	NA	NA	NA	405.95		0.0	*
1Q18		1/4/2018	39.98	39.99	404.05	404.06	0.01	404.06		2.5	*
2Q18		4/4/2018	NE	41.13	NA	NA	NA	402.91		3.5	*
3Q18		7/2/2018	NE	41.17	NA	NA	NA	402.87		0.0	*
4Q18		10/3/2018	NE	41.08	NA	NA	NA	402.96		0.0	*
1Q19		1/4/2019	NE	40.97	NA	NA	NA	403.07		5.8	*
2Q19		4/2/2019	NE	40.78	NA	NA	NA	403.26		59.6	*
T 12											
3Q16	444.80	7/5/2016	NE	41.39	NA	NA	NA	403.41	397.97 - 371.97 (46.83 - 72.83)	16.1	*
4Q16		10/3/2016	NE	41.61	NA	NA	NA	403.19		7.8	*
1Q17		1/16/2017	NE	40.70	NA	NA	NA	404.10		1.7	*
2Q17		4/3/2017	NE	40.86	NA	NA	NA	403.94		0.9	*
3Q17		7/5/2017	NE	40.06	NA	NA	NA	404.74		0.7	*
4Q17		10/2/2017	NE	39.15	NA	NA	NA	405.65		0.3	*
1Q18		1/3/2018	NE	42.06	NA	NA	NA	402.74		6.1	*
2Q18		4/2/2018	NE	43.06	NA	NA	NA	401.74		3.8	*
3Q18		7/2/2018	NE	44.21	NA	NA	NA	400.59		0.1	*
4Q18		10/1/2018	NE	44.18	NA	NA	NA	400.62		1.2	*
1Q19		1/2/2019	NE	44.03	NA	NA	NA	400.77		315	*
2Q19		4/1/2019	NE	44.11	NA	NA	NA	400.69		15.1	*
T 13											
3Q16	443.96	7/5/2016	NE	39.25	NA	NA	NA	404.71	396.46 - 370.46 (47.50 - 73.50)	0.2	*
4Q16		10/3/2016	NE	38.56	NA	NA	NA	405.40		0.5	*
1Q17		1/16/2017	NE	38.06	NA	NA	NA	405.90		0.4	*
2Q17		4/3/2017	NE	38.50	NA	NA	NA	405.46		0.0	*
3Q17		7/5/2017	NE	37.10	NA	NA	NA	406.86		0.0	*
4Q17		10/3/2017	NE	37.38	NA	NA	NA	406.58		0.0	*
1Q18		1/2/2018	NE	38.96	NA	NA	NA	405.00		3.7	*
2Q18		4/2/2018	NE	39.93	NA	NA	NA	404.03	400.15 - 374.15 (43.81 - 69.81)	0.0	*
3Q18		7/2/2018	NE	40.85	NA	NA	NA	403.11		0.0	*
4Q18		10/1/2018	NE	41.24	NA	NA	NA	402.72		0.1	*
1Q19		1/2/2019	NE	41.25	NA	NA	NA	402.71		0.0	*
2Q19		4/1/2019	NE	41.34	NA	NA	NA	402.62		0.0	*
T 15											
3Q16	445.14	7/5/2016	NE	41.64	NA	NA	NA	403.50	397.10 - 371.10 (48.04 - 74.04)	2.1	*
4Q16		10/3/2016	NE	40.44	NA	NA	NA	404.70		5.2	*
1Q17		1/16/2017	NE	39.71	NA	NA	NA	405.43		0.0	*
2Q17		4/3/2017	NE	40.08	NA	NA	NA	405.06		0.0	*
3Q17		7/6/2017	NE	38.98	NA	NA	NA	406.16		0.0	*
4Q17		10/3/2017	NE	39.39	NA	NA	NA	405.75		0.0	*
1Q18		1/3/2018	NE	40.36	NA	NA	NA	404.78		0.0	*
2Q18		4/2/2018	41.62	41.71	403.43	403.52	0.09	403.50		0.0	*Gauging result anomalous
		6/8/2018	NE	42.98	NA	NA	NA	402.16		0.0	*
3Q18		7/2/2018	NE	43.32	NA	NA	NA	401.82		0.0	*
4Q18		10/1/2018	NE	43.53	NA	NA	NA	401.61		0.0	*
1Q19		1/4/2019	NE	43.78	NA	NA	NA	401.36		0.0	*
2Q19		4/2/2019	NE	43.76	NA	NA	NA	401.38	396.74 - 370.74 (48.40 - 74.40)	0.0	*
T 17											
3Q16	446.01	7/5/2016	NE	40.41	NA	NA	NA	405.60	401.91 - 375.91 (44.10 - 70.10)	0.2	*
4Q16		10/3/2016	NE	38.45	NA	NA	NA	407.56		0.0	*
1Q17		1/16/2017	NE	38.11	NA	NA	NA	407.90		0.0	*
2Q17		4/3/2017	NE	38.42	NA	NA	NA	407.59		0.0	*
3Q17		7/6/2017	NE	36.63	NA	NA	NA	409.38		2.6	*
4Q17		10/3/2017	NE	37.78	NA	NA	NA	408.23		0.0	*
1Q18		1/3/2018	NE	38.74	NA	NA	NA	407.27		0.8	*
2Q18		4/3/2018	NE	40.01	NA	NA	NA	406.00		0.0	*
3Q18		7/2/2018	NE	41.25	NA	NA	NA	404.76		0.0	*
4Q18		10/1/2018	NE	41.70	NA	NA	NA	404.31		0.0	*
1Q19		1/2/2019	NE	42.66	NA	NA	NA	403.35		0.0	*
2Q19		4/2/2019	NE	42.32	NA	NA	NA	403.69	401.54 - 375.54 (44.47 - 70.47)	0.0	*

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
T 19											
3Q16	446.79	7/7/2016	NE	45.11	NA	NA	NA	401.68	396.02 - 370.02 (50.77 - 76.77)	16.3	*
4Q16		10/4/2016	NE	42.40	NA	NA	NA	404.39		0.6	*
1Q17		1/17/2017	NE	42.63	NA	NA	NA	404.16		3.1	*
2Q17		4/4/2017	NE	43.04	NA	NA	NA	403.75		18.5	*
3Q17		7/6/2017	NE	42.15	NA	NA	NA	404.64		92.6	*
4Q17		10/3/2017	NE	42.74	NA	NA	NA	404.05		4.9	*
1Q18		1/4/2018	NE	43.34	NA	NA	NA	403.45		236	*
2Q18		4/4/2018	NE	45.19	NA	NA	NA	401.60		7.6	*
3Q18		7/3/2018	NE	46.77	NA	NA	NA	400.02		11.1	*
4Q18		10/2/2018	NE	46.97	NA	NA	NA	399.82		22.9	*
1Q19		1/2/2019	NE	47.55	NA	NA	NA	399.24		475	*
2Q19		4/2/2019	NE	47.12	NA	NA	NA	399.67		103	*
T 21											
3Q16	443.99	7/7/2016	NE	31.08	NA	NA	NA	412.91	412.03 - 386.03 (31.96 - 57.96)	0.0	*
4Q16		10/5/2016	NE	29.87	NA	NA	NA	414.12		0.0	*
1Q17		1/17/2017	NE	29.97	NA	NA	NA	414.02		0.0	*
2Q17		4/4/2017	NE	30.65	NA	NA	NA	413.34		0.0	*
3Q17		7/6/2017	NE	28.80	NA	NA	NA	415.19		0.0	*
4Q17		10/2/2017	NE	29.28	NA	NA	NA	414.71		0.0	*
1Q18		1/4/2018	NE	30.74	NA	NA	NA	413.25		0.0	*
2Q18		4/4/2018	NE	32.13	NA	NA	NA	411.86		0.0	
3Q18		7/2/2018	NE	32.04	NA	NA	NA	411.95		0.0	
4Q18		10/3/2018	NE	32.25	NA	NA	NA	411.74		0.0	
1Q19		1/4/2019	NE	32.96	NA	NA	NA	411.03		0.0	
2Q19		4/2/2019	NE	32.84	NA	NA	NA	411.15		0.0	
T 22											
3Q16	442.19	7/7/2016	NE	32.47	NA	NA	NA	409.72	410.64 - 384.94 (31.55 - 57.25)	0.0	
4Q16		10/4/2016	NE	31.49	NA	NA	NA	410.70		0.1	*
1Q17		1/17/2017	NE	31.82	NA	NA	NA	410.37		0.0	
2Q17		4/4/2017	NE	32.43	NA	NA	NA	409.76		0.0	
3Q17		7/6/2017	NE	30.35	NA	NA	NA	411.84		0.0	*
4Q17		10/2/2017	NE	31.25	NA	NA	NA	410.94		0.0	*
1Q18		1/4/2018	NE	32.91	NA	NA	NA	409.28		1.0	
2Q18		4/4/2018	NE	33.96	NA	NA	NA	408.23		0.0	
3Q18		7/2/2018	NE	33.76	NA	NA	NA	408.43		0.0	
4Q18		10/3/2018	NE	33.96	NA	NA	NA	408.23		0.0	
1Q19		1/4/2019	NE	34.06	NA	NA	NA	408.13		0.0	
2Q19		4/2/2019	NE	33.83	NA	NA	NA	408.36		0.0	
T 23											
3Q16	432.69	7/7/2016	NE	25.07	NA	NA	NA	407.62	405.46 - 379.46 (27.23 - 53.23)	0.0	*
4Q16		10/5/2016	NE	24.18	NA	NA	NA	408.51		0.0	*
1Q17		1/16/2017	NE	24.61	NA	NA	NA	408.08		0.0	*
2Q17		4/4/2017	NM	NM	NA	NA	NA	NA		NM	Unable to locate well due to landscaping
3Q17		7/6/2017	NE	23.15	NA	NA	NA	409.54		0.0	*
4Q17		10/3/2017	NE	24.50	NA	NA	NA	408.19		0.0	*
1Q18		1/3/2018	NE	26.07	NA	NA	NA	406.62		0.0	*
2Q18		4/4/2018	NM	NM	NA	NA	NA	NA		NM	Unable to locate well due to landscaping
3Q18		7/2/2018	NE	26.63	NA	NA	NA	406.06		0.0	*
4Q18		10/3/2018	NE	26.83	NA	NA	NA	405.86		0.0	*
1Q19		1/4/2019	NE	26.65	NA	NA	NA	406.04		0.0	*
2Q19		4/2/2019	NE	26.26	NA	NA	NA	406.43		0.0	*
T 24											
3Q16	443.81	7/6/2016	NE	40.54	NA	NA	NA	403.27	402.31 - 376.66 (41.5 - 67.15)	0.1	*
4Q16		10/4/2016	NE	39.88	NA	NA	NA	403.93		6.0	*
1Q17		1/16/2017	NE	39.11	NA	NA	NA	404.70		9.0	*
2Q17		4/3/2017	39.41	39.97	403.84	404.40	0.56	404.29		0.0	*
3Q17		7/5/2017	38.53	38.65	405.16	405.28	0.12	405.26		1.6	*
4Q17		10/2/2017	38.40	38.49	405.32	405.41	0.09	405.39		0.0	*
1Q18		1/2/2018	40.49	40.57	403.24	403.32	0.08	403.30		7.2	*
2Q18		4/2/2018	41.53	41.62	402.19	402.28	0.09	402.26		0.6	
3Q18		7/2/2018	42.79	42.87	400.94	401.02	0.08	401.00		0.4	
4Q18		10/2/2018	42.79	43.08	400.73	401.02	0.29	400.96		0.4	
1Q19		1/3/2019	42.71	43.54	400.27	401.10	0.83	400.93		31.0	
2Q19		4/1/2019	42.69	44.05	399.76	401.12	1.36	400.85		16.0	

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
T 28											
3Q16	444.43	7/7/2016	NE	40.35	NA	NA	NA	404.08	Unknown	0.0	
4Q16		10/3/2016	NE	38.60	NA	NA	NA	405.83		0.0	
1Q17		1/16/2017	NE	38.05	NA	NA	NA	406.38		0.0	
2Q17		4/3/2017	NE	38.42	NA	NA	NA	406.01		0.0	
3Q17		7/6/2017	NE	36.85	NA	NA	NA	407.58		0.0	
4Q17		10/3/2017	NE	37.73	NA	NA	NA	406.70		0.0	
1Q18		1/3/2018	NE	38.57	NA	NA	NA	405.86		0.0	
2Q18		4/2/2018	NE	39.84	NA	NA	NA	404.59		0.0	
3Q18		7/2/2018	NE	41.39	NA	NA	NA	403.04		0.0	
4Q18		10/1/2018	NE	41.88	NA	NA	NA	402.55		0.0	
1Q19		1/2/2019	NE	42.55	NA	NA	NA	401.88		0.0	
2Q19		4/2/2019	NE	42.26	NA	NA	NA	402.17		0.0	
T 37											
3Q16	447.25	7/5/2016	NE	40.55	NA	NA	NA	406.70	398.40 - 378.40 (48.85 - 68.85)	0.1	*
4Q16		10/5/2016	NE	38.67	NA	NA	NA	408.58		0.2	*
1Q17		1/17/2017	NE	38.58	NA	NA	NA	408.67		0.0	*
2Q17		4/4/2017	NE	39.15	NA	NA	NA	408.10		0.5	*
3Q17		7/6/2017	NE	37.34	NA	NA	NA	409.91		0.0	*
4Q17		10/3/2017	NE	38.02	NA	NA	NA	409.23		0.0	*
1Q18		1/4/2018	NE	39.08	NA	NA	NA	408.17		0.1	*
2Q18		4/3/2018	NE	40.33	NA	NA	NA	406.92		0.0	*
3Q18		7/3/2018	NE	41.26	NA	NA	NA	405.99		0.0	*
4Q18		10/2/2018	NE	41.59	NA	NA	NA	405.66		0.1	*
1Q19		1/3/2019	NE	42.52	NA	NA	NA	404.73		0.0	*
2Q19		4/2/2019	NE	42.25	NA	NA	NA	405.00		0.0	*
T 38											
3Q16	445.67	7/5/2016	NE	37.57	NA	NA	NA	408.10	396.53 - 376.53 (49.14 - 69.14)	0.1	*
4Q16		10/5/2016	NE	35.60	NA	NA	NA	410.07		0.2	*
1Q17		1/17/2017	NE	35.86	NA	NA	NA	409.81		0.0	*
2Q17		4/4/2017	NE	36.49	NA	NA	NA	409.18		0.0	*
3Q17		7/6/2017	NE	34.15	NA	NA	NA	411.52		0.0	*
4Q17		10/3/2017	NE	35.02	NA	NA	NA	410.65		0.0	*
1Q18		1/4/2018	NE	36.13	NA	NA	NA	409.54		22.5	*
2Q18		4/3/2018	NE	37.21	NA	NA	NA	408.46		0.0	*
3Q18		7/3/2018	NE	37.95	NA	NA	NA	407.72		0.0	*
4Q18		10/2/2018	NE	38.32	NA	NA	NA	407.35		0.0	*
1Q19		1/3/2019	NE	39.25	NA	NA	NA	406.42		0.0	*
2Q19		4/2/2019	NE	38.99	NA	NA	NA	406.68		0.0	*
T 62											
3Q16	431.99	7/8/2016	NE	27.04	NA	NA	NA	404.95	412.28 - 382.28 (19.71 - 49.71)	0.0	
4Q16		10/4/2016	NE	25.75	NA	NA	NA	406.24		0.3	
1Q17		1/17/2017	NE	26.70	NA	NA	NA	405.29		0.0	
2Q17		4/5/2017	NE	27.25	NA	NA	NA	404.74		0.0	
3Q17		7/6/2017	NE	24.51	NA	NA	NA	407.48		0.5	
4Q17		10/2/2017	NE	26.21	NA	NA	NA	405.78		0.0	
1Q18		1/3/2018	NE	28.34	NA	NA	NA	403.65		0.0	
2Q18		4/4/2018	NE	29.20	NA	NA	NA	402.79		0.0	
3Q18		7/2/2018	NE	28.77	NA	NA	NA	403.22		0.0	
4Q18		10/2/2018	NE	28.78	NA	NA	NA	403.21		0.0	
1Q19		1/3/2019	NE	28.30	NA	NA	NA	403.69		0.1	
2Q19		4/2/2019	NE	27.45	NA	NA	NA	404.54		0.0	
T 63											
3Q16	431.43	7/8/2016	NE	26.55	NA	NA	NA	404.88	411.45 - 381.45 (19.98 - 49.98)	0.0	
4Q16		10/4/2016	NE	25.42	NA	NA	NA	406.01		0.1	
1Q17		1/17/2017	NE	26.49	NA	NA	NA	404.94		0.0	
2Q17		4/5/2017	NE	27.02	NA	NA	NA	404.41		0.0	
3Q17		7/6/2017	NE	23.88	NA	NA	NA	407.55		0.0	
4Q17		10/2/2017	NE	25.98	NA	NA	NA	405.45		0.0	
1Q18		1/3/2018	NE	27.82	NA	NA	NA	403.61		0.0	
2Q18		4/4/2018	NE	28.86	NA	NA	NA	402.57		0.0	
3Q18		7/2/2018	NE	28.83	NA	NA	NA	402.60		0.0	
4Q18		10/2/2018	NE	27.93	NA	NA	NA	403.50		0.0	
1Q19		1/3/2019	NE	27.42	NA	NA	NA	404.01		0.0	
2Q19		4/2/2019	NE	26.69	NA	NA	NA	404.74		0.0	

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
T 64											
3Q16	428.93	7/8/2016	NE	24.24	NA	NA	NA	404.69	409.12 - 379.12 (19.81 - 49.81)	0.0	
4Q16		10/4/2016	NE	23.11	NA	NA	NA	405.82		153	
1Q17		1/17/2017	NE	24.91	NA	NA	NA	404.02		0.0	
2Q17		4/5/2017	NE	25.13	NA	NA	NA	403.80		0.0	
3Q17		7/6/2017	NE	21.57	NA	NA	NA	407.36		0.0	
4Q17		10/2/2017	NE	24.24	NA	NA	NA	404.69		0.0	
1Q18		1/3/2018	NE	26.04	NA	NA	NA	402.89		0.0	
2Q18		4/4/2018	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at well - Unable to access
3Q18		7/2/2018	NE	25.63	NA	NA	NA	403.30		0.0	
4Q18		10/2/2018	NE	25.47	NA	NA	NA	403.46		0.0	
1Q19		1/4/2019	NE	24.88	NA	NA	NA	404.05		0.0	
2Q19		4/3/2019	NE	23.94	NA	NA	NA	404.99		0.0	

NOTES:

1) Elevations presented in this table are relative to the 1988 NAVD datum.

2) The corrected water level elevations presented in this table were corrected by a specific gravity of 0.80 for the wells in which LNAPL was identified.

3) PID values measured with a 10.6 electron volt (eV) lamp photoionization detector.

4) btoc Below Top of Casing; ppm parts per million; NA Not Applicable; NE Not Encountered; NM Not Measured

5) * Indicates that the LNAPL and/or water level is above the top of the screened zone of the well.

6) Table includes comprehensive groundwater monitoring well gauging data for the last 12 quarters from the combined Village of Roxana Interim Groundwater Monitoring Program and the WRB Refining LP Wood River Refinery Program.

7) The screened interval for certain monitoring wells was adjusted based on an evaluation of the results of annual bottom depth gauging conducted in 1Q18 and 1Q19.

TABLE 2
SOIL VMP DEPTHS

Location	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		18	26	40	Public Works Yard
VMP-30	10		18	26	40	Public Works Yard
VMP-31	5		10	20	30	Village of Roxana - Chaffer Avenue (Abandoned in June 2014)
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	27	WRR - North Property
VMP-39			10	20	30	WRR - North Property
VMP-40			10	20	30	WRR - North Property
VMP-41			10	20	26	Public Works Yard
VMP-42			10	20	30	Village of Roxana - Corner of Chaffer Avenue and 3rd Street
VMP-43			10	20	30	Village of Roxana - Corner of Chaffer Avenue and 4th Street
VMP-44			10	20	30	Village of Roxana - Corner of Chaffer Avenue and 5th Street
VMP-45			10	20	30	Village of Roxana - Corner of Chaffer Avenue and 6th Street
VMP-46			10	20	30	WRR - North Property
VMP-47	5		10	20	30	Village of Roxana - Corner of Chaffer Avenue 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
VMP-56			10	25	38.5	Village of Roxana - Corner of Chaffer Avenue and 4th Street
VMP-57	5		10	20		WRR - North Property
VMP-58	5		10	20	30	WRR - North Property
VMP-59	5		10	20	30	WRR - North Property
VMP-60	5		10	20	33.5	WRR - North Property
VMP-61	5		10	20	30	WRR - North Property
VMP-62	5		10	20	30	Village of Roxana - Alley Between 1st and 2nd Street
VMP-63	5		10	20	30	Village of Roxana - Corner of Chaffer Avenue and 1st Street
VMP-64	5		10	20	28	Village of Roxana - Corner of Chaffer Avenue and Alley Between 1st and Tydeman

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-1	5	7/18/2018	56.6	0.0	N/A	53.3	0.0	0.0	0.3	0.0	0	0.5	19.6
		10/22/2018	58.9	0.0	N/A	53.4	0.0	0.0	0.0	0.0	0	0.6	20.5
		1/23/2019	61.1	0.0	N/A	50.2	0.0	11.5	0.0	0.0	0	0.1	20.8
		4/30/2019	64.0	0.0	N/A	51.3	0.0	0.0	0.7	0.0	0	0.2	20.3
	8.5	7/18/2018	57.1	0.0	N/A	51.4	0.0	0.0	0.4	0.0	0	0.7	19.4
		10/22/2018	57.1	0.0	N/A	53.6	0.0	0.0	0.0	0.0	0	0.5	20.6
		1/23/2019	60.0	0.0	N/A	51.3	0.0	4.2	0.0	0.0	0	0.1	20.5
		4/30/2019	63.5	0.0	N/A	50.6	0.0	0.0	0.7	0.0	0	0.2	20.4
	23.5	7/18/2018	57.8	0.0	N/A	55.3	0.0	0.0	0.3	0.0	0	0.9	19.0
		10/22/2018	70.4	0.0	N/A	55.9	0.0	0.0	0.3	0.0	0	0.5	20.4
		1/23/2019	60.4	0.0	N/A	54.3	0.0	2.2	0.0	0.0	0	0.1	20.3
		4/30/2019	63.4	0.4	N/A	50.8	0.5	0.0	0.4	0.0	0	0.1	20.5
	38.5	7/18/2018[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/2018[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/23/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/30/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-2	5	7/24/2018	69.8	0.0	N/A	70.5	0.0	0.0	0.6	0.0	0	5.8	15.2
		10/24/2018	54.1	0.0	N/A	50.9	0.0	0.0	0.2	0.0	0	3.3	18.5
		1/23/2019	57.1	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	1.0	20.2
		4/26/2019	58.8	0.0	N/A	57.1	0.0	0.0	0.3	0.0	0	1.3	19.5
	8.5	7/24/2018	56.6	0.0	N/A	57.1	0.0	0.0	0.8	0.0	0	4.2	16.2
		10/24/2018	57.5	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	4.1	17.7
		1/23/2019	60.2	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	2.0	20.1
		4/26/2019	59.3	0.0	N/A	56.1	0.0	0.0	0.3	0.0	0	1.3	19.3
	22	7/24/2018	64.4	0.0	N/A	56.8	0.0	0.0	0.9	0.0	0	2.7	17.4
		10/24/2018	59.7	0.0	N/A	52.3	0.0	0.0	0.1	0.0	0	3.2	18.4
		1/23/2019	55.5	0.0	N/A	54.3	0.0	0.0	0.0	0.0	0	2.2	19.8
		4/26/2019	55.3	0.0	N/A	52.6	0.0	0.0	0.1	0.0	0	1.3	19.4
	42	7/24/2018[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/24/2018[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/23/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/26/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-3	5	7/23/2018	56.3	0.0	N/A	51.8	2.4	0.0	0.3	0.0	0	0.1	19.8
		10/29/2018	58.4	0.0	N/A	53.1	0.0	0.0	0.4	0.0	0	0.0	20.0
		1/24/2019	60.0	0.3	N/A	50.2	1.1	0.0	0.2	0.0	0	0.0	20.4
		4/29/2019	61.9	0.0	N/A	53.6	0.7	0.0	0.7	0.0	0	0.1	20.5
	10	7/23/2018	52.5	0.0	N/A	53.4	0.9	0.0	0.4	0.0	0	0.1	19.9
		10/29/2018	60.1	0.0	N/A	56.3	0.2	0.0	0.3	0.0	0	0.2	20.6
		1/24/2019	61.0	0.0	N/A	50.3	0.0	0.0	0.3	0.0	0	0.0	20.8
		4/29/2019	64.0	0.0	N/A	52.7	0.2	0.0	0.2	0.0	0	0.4	20.0
	22	7/23/2018	52.6	0.0	N/A	50.2	0.0	0.0	0.5	0.0	0	1.2	18.8
		10/29/2018	58.9	0.0	N/A	53.3	0.0	0.0	0.3	0.0	0	1.1	20.2
		1/24/2019	60.0	0.0	N/A	52.7	0.0	0.0	0.3	0.0	0	0.5	20.5
		4/29/2019	62.9	0.0	N/A	52.7	0.0	0.0	0.3	0.0	0	0.3	19.7
	31.5	7/23/2018	77.7	0.0	N/A	53.7	0.0	0.0	0.7	0.0	0	5.4	13.0
		10/29/2018	58.1	0.0	N/A	52.8	0.0	0.0	0.3	0.0	0	8.0	12.6
		1/24/2019	60.8	0.0	N/A	50.5	0.0	0.0	0.2	0.0	0	8.6	13.2
		4/29/2019	62.2	0.0	N/A	50.4	0.0	0.0	0.4	0.0	0	6.6	15.2
	39	7/23/2018	72.0	0.0	N/A	55.5	0.0	2.4	1.2	0.0	0	3.2	16.7
		10/29/2018	57.5	0.0	N/A	53.9	0.0	0.0	0.3	0.0	0	5.2	16.0
		1/24/2019	62.1	0.0	N/A	51.5	0.0	3.5	0.4	0.0	0	5.2	16.9
		4/29/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-4	5	7/23/2018	68.5	0.0	N/A	68.1	0.0	0.0	0.4	0.0	0	0.6	20.2
		10/29/2018	77.8	0.0	N/A	50.2	0.3	0.0	0.2	0.0	0	0.0	20.8
		1/21/2019	61.6	0.1	N/A	50.3	0.0	0.0	0.1	0.0	0	0.1	20.8
		4/30/2019	63.5	0.0	N/A	50.5	0.0	0.0	0.2	0.0	0	0.1	20.8
	12	7/23/2018	52.3	0.0	N/A	52.7	0.0	0.0	0.4	0.0	0	1.9	19.1
		10/29/2018	57.0	0.1	N/A	54.5	0.0	0.0	0.3	0.0	0	0.0	20.5
		1/21/2019	59.1	0.0	N/A	56.9	0.0	0.0	0.1	0.0	0	0.1	20.7
		4/30/2019	64.9	0.0	N/A	55.8	0.0	0.0	0.3	0.0	0	0.3	20.8
	23.5	7/23/2018	53.0	0.0	N/A	53.3	0.0	2.1	0.5	0.0	0	2.1	18.1
		10/29/2018	54.9	0.0	N/A	53.3	0.0	0.0	0.3	0.0	0	2.2	18.7
		1/21/2019	61.0	0.0	N/A	50.6	0.0	0.0	0.3	0.0	0	2.5	19.0
		4/30/2019	62.7	0.0	N/A	53.7	0.0	0.0	0.5	0.0	0	1.1	19.7
	39	7/23/2018[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/29/2018[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/21/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/29/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-5	5	7/18/2018	65.3	0.0	N/A	64.8	0.0	0.0	0.4	0.0	0	0.1	20.2
		10/19/2018	52.8	0.0	N/A	51.7	0.0	0.0	0.1	0.0	0	0.6	20.0
		1/22/2019	53.5	0.0	N/A	53.0	0.0	0.0	0.2	0.0	0	0.0	20.7
		5/1/2019	53.9	0.0	N/A	50.2	0.0	0.4	0.5	0.0	0	0.0	20.8
	12.5	7/18/2018	52.1	0.0	N/A	50.1	0.0	0.0	0.3	0.0	0	1.1	19.4
		10/19/2018	57.2	0.0	N/A	51.5	0.0	0.0	0.2	0.0	0	1.6	19.5
		1/22/2019	60.8	0.0	N/A	54.4	0.0	0.0	0.2	0.0	0	0.2	20.6
		5/1/2019	56.7	0.0	N/A	52.0	0.0	1.8	0.3	0.0	0	0.1	20.7
	31	7/18/2018	51.7	0.0	N/A	50.2	0.0	0.0	0.3	0.0	0	1.2	19.0
		10/19/2018	51.9	0.0	N/A	60.0	0.0	0.0	0.3	0.0	0	1.9	19.2
		1/22/2019	60.3	0.0	N/A	56.0	0.0	0.0	0.1	0.0	0	0.5	20.4
		5/1/2019	57.7	0.0	N/A	50.0	0.0	0.0	0.3	0.0	0	0.3	20.3
	40	7/18/2018	54.5	0.0	N/A	50.2	0.0	0.0	0.4	0.0	0	1.3	18.8
		10/19/2018	57.9	0.0	N/A	52.8	0.0	0.0	0.4	0.0	0	2.3	18.7
		2/4/2019	60.6	0.0	N/A	50.2	0.0	0.0	0.2	0.0	0	1.2	19.8
		5/1/2019	58.1	0.0	N/A	50.9	0.0	0.0	0.4	0.0	0	0.9	19.6
VMP-6	5	7/19/2018	54.0	0.0	N/A	53.6	0.0	0.0	0.3	0.0	0	0.9	19.5
		10/22/2018	56.6	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	2.0	19.0
		1/31/2019[8]	61.2	0.0	N/A	50.7	0.0	0.0	0.4	0.0	0	0.5	20.2
		4/25/2019	60.2	0.0	N/A	57.3	0.0	0.0	0.7	0.0	0	0.1	20.6
	10	7/19/2018	53.6	0.0	N/A	53.8	0.0	0.0	0.4	0.0	0	2.6	17.9
		10/22/2018	59.1	0.0	N/A	53.5	0.0	0.0	0.0	0.0	0	2.8	18.3
		1/22/2019	57.6	0.0	N/A	51.4	0.0	0.0	0.1	0.0	0	0.5	20.6
		4/25/2019	53.6	0.0	N/A	53.2	0.0	0.0	0.5	0.0	0	0.5	20.0
	31.5	7/19/2018	54.9	0.0	N/A	52.8	0.0	0.0	0.3	0.0	0	2.4	17.7
		10/22/2018	55.9	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	3.7	16.7
		2/1/2019	59.6	0.0	N/A	54.1	0.0	0.0	0.2	0.0	0	2.8	18.2
		4/25/2019	57.7	0.0	N/A	56.0	0.0	1.8	0.4	0.0	0	2.0	19.1
	39	7/19/2018	54.7	0.0	N/A	53.5	0.0	0.0	0.4	0.0	0	2.5	17.2
		10/22/2018	61.9	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	3.8	16.2
		1/22/2019	62.8	0.0	N/A	54.4	0.0	0.0	0.1	0.0	0	3.4	17.5
		4/25/2019	55.9	0.0	N/A	52.1	0.0	0.0	0.8	0.0	0	2.6	18.7
VMP-7	5	7/19/2018	56.9	0.0	N/A	53.1	0.0	0.0	0.3	0.0	0	0.5	20.3
		10/22/2018	54.5	0.0	N/A	50.9	0.0	0.0	1.0	0.0	0	1.2	19.9
		1/22/2019	62.5	0.0	N/A	50.2	0.0	0.0	0.5	0.0	0	0.1	20.6
		4/25/2019	57.9	0.0	N/A	52.2	0.0	0.0	0.3	0.0	0	0.2	20.7
	13.5	7/19/2018	56.1	0.0	N/A	52.1	0.0	0.0	0.0	0.0	0	0.7	20.0
		10/22/2018	52.8	0.0	N/A	50.4	0.0	0.0	1.3	0.0	0	1.5	19.7
		2/1/2019	56.6	0.0	N/A	53.3	0.0	0.0	0.1	0.0	0	0.1	20.7
		4/25/2019	59.8	0.0	N/A	54.9	0.0	0.0	0.6	0.0	0	0.3	20.6
	29.5	7/19/2018	52.8	0.0	N/A	50.3	0.0	0.0	0.4	0.0	0	1.8	18.7
		10/22/2018	54.6	0.0	N/A	50.2	0.0	0.0	1.1	0.0	0	2.7	17.9
		2/1/2019	57.1	0.0	N/A	50.8	0.0	0.0	0.2	0.0	0	2.4	18.7
		4/25/2019	56.1	0.0	N/A	50.5	0.0	0.0	0.4	0.0	0	1.1	20.0
	38	7/19/2018	59.6	0.0	N/A	53.1	0.0	0.0	0.4	0.0	0	1.9	18.3
		10/22/2018	57.0	0.0	N/A	51.1	0.0	0.0	0.4	0.0	0	2.8	17.7
		1/22/2019	61.4	0.0	N/A	50.4	0.0	0.0	0.4	0.0	0	2.7	18.6
		4/25/2019	58.5	0.0	N/A	56.5	0.0	0.0	0.5	0.0	0	1.6	19.6
VMP-8	5	7/25/2018	53.8	0.0	N/A	54.3	0.0	0.0	0.6	0.0	0	2.5	18.4
		10/24/2018	61.4	0.0	N/A	50.0	0.0	0.0	0.3	0.0	0	2.5	18.6
		1/18/2019	60.6	0.0	N/A	55.4	0.0	0.0	0.2	0.0	0	0.5	19.0
		4/24/2019	60.6	0.0	N/A	53.2	0.0	0.0	0.3	0.0	0	0.8	19.3
	9.5	7/25/2018	57.5	0.0	N/A	51.7	0.0	0.0	0.3	0.0	0	3.4	16.9
		10/24/2018	56.5	0.0	N/A	51.6	0.0	0.0	0.5	0.0	0	4.0	17.1
		1/18/2019	60.7	0.0	N/A	62.0	0.0	0.0	0.2	0.0	0	3.4	17.6
		4/24/2019	62.3	0.0	N/A	50.3	0.0	0.0	0.2	0.0	0	2.0	18.4
	23.5	7/25/2018	54.0	0.0	N/A	50.2	0.0	0.0	0.3	0.0	0	3.0	16.9
		10/24/2018	58.7	0.0	N/A	53.3	0.0	0.0	0.5	0.0	0	4.2	16.5
		1/18/2019[14]	64.8	0.8	N/A	52.1	0.6	0.0	0.1	0.0	0	4.5	16.8
		2/27/2019	60.9	0.0	N/A	51.1	0.0	0.0	0.3	0.0	0	3.4	17.5
		4/24/2019	64.2	0.0	N/A	51.5	0.0	0.0	0.2	0.0	0	3.2	17.6
	35.5	7/25/2018	53.6	0.9	N/A	50.6	0.8	0.0	0.2	0.0	0	1.3	19.1
		10/24/2018	55.9	0.0	N/A	53.1	0.0	0.0	0.1	0.0	0	1.9	19.0
		1/18/2019	63.7	0.6	N/A	53.5	1.2	0.0	0.1	0.0	0	1.5	19.0
		4/24/2019	52.3	0.2	N/A	50.4	1.4	0.0	0.3	0.0	0	0.9	19.4

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-9	5	7/19/2018	59.8	0.0	N/A	53.8	0.0	0.0	0.3	0.0	0	0.1	20.3
		10/23/2018	65.8	0.0	N/A	50.9	0.0	0.0	0.2	0.0	0	0.3	20.5
		1/25/2019[8]	58.9	0.0	N/A	51.6	0.0	0.0	0.2	0.0	0	0.2	20.7
		4/24/2019	58.4	0.0	N/A	56.2	0.0	0.0	0.4	0.0	0	0.2	20.6
	11.5	7/19/2018	54.6	0.0	N/A	50.1	0.0	0.0	0.4	0.0	0	1.6	19.9
		10/23/2018	52.6	0.0	N/A	51.7	0.0	0.0	0.3	0.0	0	0.9	20.1
		1/31/2019[8]	58.1	0.0	N/A	52.0	0.0	0.0	0.3	0.0	0	0.2	20.6
		4/24/2019	55.3	0.1	N/A	53.8	0.1	0.0	0.3	0.0	0	0.5	20.4
	25.5	7/19/2018	50.7	0.0	N/A	53.5	0.0	0.0	0.3	0.0	0	1.3	19.0
		10/23/2018	55.6	0.0	N/A	56.1	0.0	0.0	0.2	0.0	0	2.3	18.8
		1/18/2019	54.0	0.0	N/A	51.8	0.0	0.0	0.2	0.0	0	1.0	20.3
		4/24/2019	53.3	0.0	N/A	51.8	0.0	0.0	0.3	0.0	0	0.6	20.0
	38.5	7/19/2018	60.6	0.0	N/A	53.1	0.0	0.0	0.2	0.0	0	1.6	18.3
		10/23/2018	50.3	0.0	N/A	50.6	0.0	0.0	0.2	0.0	0	2.8	17.9
		1/18/2019	58.7	0.0	N/A	50.2	0.0	0.0	0.2	0.0	0	2.7	18.9
		4/24/2019	57.1	0.0	N/A	52.2	0.0	0.0	0.6	0.0	0	2.1	19.3
VMP-10	5	7/20/2018	53.1	0.0	0.0	55.7	0.0	0.0	0.5	0.0	0	1.0	19.6
		10/26/2018	57.2	0.0	N/A	51.9	0.0	0.0	0.2	0.0	0	0.2	20.8
		1/24/2019	61.1	0.0	N/A	52.1	0.0	0.0	0.2	0.0	0	0.1	20.8
		5/2/2019	58.9	0.0	N/A	50.8	0.0	0.0	0.1	0.0	0	0.4	20.4
	10	7/20/2018	51.8	0.0	0.0	50.1	0.0	0.0	0.4	0.0	0	1.0	19.7
		10/26/2018	53.9	0.0	N/A	55.1	0.0	0.0	0.8	0.0	0	0.5	20.6
		1/24/2019	61.1	0.0	N/A	57.1	0.0	0.0	0.2	0.0	0	0.2	20.7
		5/2/2019	53.7	0.0	N/A	50.0	0.0	0.0	0.1	0.0	0	0.4	20.5
	20	7/20/2018	55.9	0.0	0.0	53.3	0.0	0.0	0.5	0.0	0	1.1	19.7
		10/26/2018	55.3	0.0	N/A	50.8	0.0	0.0	0.5	0.0	0	1.2	20.3
		1/24/2019	60.7	0.0	N/A	53.4	0.0	0.0	0.2	0.0	0	0.6	20.4
		5/2/2019	61.8	0.0	N/A	52.7	0.0	0.0	0.4	0.0	0	0.2	20.5
	30	7/20/2018	52.6	0.1	0.0	52.9	0.0	0.0	0.3	0.0	0	0.8	19.5
		10/26/2018	51.4	0.0	N/A	52.7	0.0	0.0	0.5	0.0	0	1.9	19.5
		2/1/2019	60.7	0.0	N/A	57.6	0.0	0.0	0.2	0.0	0	1.1	19.7
		5/2/2019	60.0	0.0	N/A	55.1	0.0	0.0	0.3	0.0	0	0.5	20.4
VMP-11	5	7/26/2018	64.5	0.0	N/A	64.8	0.0	0.0	0.1	0.0	0	1.6	18.2
		10/30/2018	59.7	0.0	N/A	50.3	0.0	0.0	0.3	0.0	0	0.5	20.7
		2/4/2019	61.2	0.0	N/A	50.4	0.0	0.0	0.3	0.0	0	0.5	20.1
		4/30/2019	60.1	0.0	N/A	50.2	0.0	0.0	0.6	0.0	0	0.8	20.3
	8	7/26/2018	63.0	0.0	N/A	57.8	0.0	0.0	0.2	0.0	0	2.1	17.9
		10/30/2018	52.5	0.0	N/A	53.0	0.0	0.0	0.2	0.0	0	1.0	20.0
		2/4/2019	62.3	0.0	N/A	50.5	0.0	0.0	0.3	0.0	0	0.6	19.9
		4/30/2019	52.6	0.0	N/A	68.3	0.0	0.0	0.4	0.0	0	0.8	20.0
	29	7/26/2018	62.2	0.0	N/A	52.9	0.0	0.0	0.1	0.0	0	1.8	17.7
		10/30/2018	50.4	0.0	N/A	51.6	0.0	0.0	0.3	0.0	0	2.2	19.0
		2/4/2019	60.8	0.0	N/A	51.6	0.0	0.0	0.2	0.0	0	1.4	19.7
		4/30/2019	54.0	0.0	N/A	54.8	0.0	0.0	0.0	0.0	0	1.0	20.0
	38	7/26/2018	62.2	0.0	N/A	52.6	0.0	0.0	0.2	0.0	0	1.5	18.1
		10/30/2018	55.8	0.0	N/A	52.6	0.0	0.0	0.3	0.0	0	1.7	19.2
		1/31/2019	62.2	0.0	N/A	52.5	0.0	0.0	0.1	0.0	0	1.4	19.5
		4/30/2019	53.7	0.0	N/A	62.3	0.0	0.0	0.0	0.0	0	0.6	20.4
VMP-12	5	7/27/2018	53.1	0.0	N/A	52.7	0.0	0.8	9.2	0.0	0	0.1	20.5
		10/31/2018	60.4	0.0	N/A	51.8	0.0	0.0	0.1	0.0	0	0.0	20.8
		1/28/2019	56.7	0.0	N/A	51.9	0.0	0.0	0.3	0.0	0	0.1	20.0
		5/3/2019	64.8	0.0	N/A	50.3	0.0	0.0	0.4	0.0	0	0.1	20.6
	11.5	7/27/2018[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/31/2018	59.7	0.0	N/A	53.6	0.0	0.0	0.3	0.0	0	0.1	20.7
		1/28/2019	59.7	0.0	N/A	50.9	0.0	0.0	0.3	0.0	0	0.5	19.9
		5/3/2019	64.4	0.0	N/A	51.7	0.0	0.0	0.3	0.0	0	0.3	20.5
	25	7/27/2018	52.7	0.0	N/A	50.5	0.0	0.0	9.4	0.0	0	1.1	18.6
		10/31/2018	56.6	0.0	N/A	50.7	0.0	0.0	0.2	0.0	0	1.5	19.3
		1/28/2019	55.4	0.0	N/A	54.8	0.0	216	0.4	0.0	0	6.9	9.8
		5/3/2019	64.3	0.0	N/A	50.8	0.0	0.0	0.3	0.0	0	1.8	18.0
	39	7/27/2018	54.6	1.2	N/A	50.4	0.0	155000	156	55.1	OVR	14.2	0.7
		10/31/2018	57.5	1.0	N/A	55.8	1.4	199000	102	58.3	OVR	15.7	0.6
		1/28/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/3/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-13	5	7/24/2018	55.2	0.0	N/A	53.3	0.0	0.0	0.2	0.0	0	0.3	20.5
		10/29/2018	52.3	0.0	N/A	52.4	0.0	0.0	0.2	0.0	0	0.4	20.4
		1/29/2019	57.5	0.0	N/A	51.3	0.0	0.0	0.2	0.0	0	0.1	20.7
		5/1/2019	64.2	0.0	N/A	51.1	0.0	0.0	0.4	0.0	0	0.1	20.2
	10.5	7/24/2018	56.8	0.0	N/A	56.1	0.0	0.0	0.3	0.0	0	0.3	20.1
		10/29/2018	53.8	0.0	N/A	52.4	0.0	0.0	0.3	0.0	0	0.4	20.1
		1/29/2019	52.1	0.4	N/A	50.9	0.0	0.0	0.0	0.0	0	0.1	20.5
		5/1/2019	64.2	0.0	N/A	52.3	0.0	0.0	0.1	0.0	0	0.1	20.2
	21.5	7/24/2018	54.9	0.0	N/A	53.9	0.0	0.0	0.2	0.0	0	0.0	19.3
		10/29/2018	53.9	0.0	N/A	51.1	0.0	0.0	0.3	0.0	0	0.4	20.3
		2/4/2019	50.7	0.0	N/A	50.0	0.0	0.0	0.4	0.0	0	0.2	20.6
		5/1/2019	64.5	0.0	N/A	51.9	0.0	0.0	0.2	0.0	0	0.1	20.0
	29.5	7/24/2018	58.9	0.0	N/A	58.2	0.0	1.4	0.2	0.0	0	0.2	20.2
		10/29/2018	55.7	0.0	N/A	70.0	0.1	0.0	0.6	0.0	0	0.5	20.1
		1/29/2019	55.6	0.0	N/A	54.0	0.0	0.0	0.1	0.0	0	0.4	20.2
		5/1/2019	64.9	0.0	N/A	51.4	0.0	0.0	0.2	0.0	0	0.2	20.6
VMP-14	5	7/25/2018	58.6	0.0	N/A	57.3	0.0	0.0	0.5	0.0	0	0.4	19.5
		10/29/2018	59.9	0.0	N/A	51.0	0.0	0.0	0.2	0.0	0	0.1	20.7
		1/29/2019	59.2	0.0	N/A	53.9	0.0	0.0	0.2	0.0	0	0.2	20.7
		5/1/2019	55.3	0.0	N/A	51.1	0.0	0.0	0.3	0.0	0	0.2	19.9
	11.5	7/25/2018	59.2	0.0	N/A	54.6	0.0	0.0	0.5	0.0	0	0.3	19.3
		10/29/2018	60.8	0.1	N/A	51.2	0.1	0.0	0.3	0.0	0	0.1	20.5
		1/29/2019	52.4	0.0	N/A	51.8	0.0	0.0	0.2	0.0	0	0.1	20.7
		5/1/2019	59.4	0.0	N/A	50.3	0.0	0.0	1.1	0.0	0	0.5	19.8
	20	7/25/2018	51.3	0.0	N/A	54.1	0.0	0.0	1.3	0.0	0	13.1	2.2
		10/29/2018	56.6	0.0	N/A	52.3	0.0	0.0	0.8	0.0	0	10.4	7.6
		2/4/2019	60.1	0.0	N/A	51.1	0.0	5.3	0.9	0.0	0	14.1	2.7
		5/1/2019	59.5	0.0	N/A	54.5	0.0	2.2	1.4	0.0	0	8.7	7.7
	29	7/25/2018	57.2	0.0	N/A	50.9	0.0	0.0	0.4	0.0	0	7.4	8.6
		10/29/2018	57.7	0.0	N/A	51.8	0.0	0.0	0.5	0.0	0	3.5	17.1
		2/4/2019	61.4	0.0	N/A	59.4	0.0	0.0	0.6	0.0	0	6.6	10.9
		5/1/2019	57.9	0.0	N/A	52.4	0.0	0.0	0.9	0.0	0	4.6	13.0
VMP-15	5	7/25/2018	53.9	0.0	N/A	52.8	0.0	1.2	0.3	0.0	0	6.6	11.7
		10/30/2018	59.3	0.0	N/A	52.1	0.0	0.0	0.9	0.0	0	3.8	16.2
		1/24/2019	52.8	0.0	N/A	53.1	0.0	0.0	0.0	0.0	0	2.5	18.4
		5/1/2019	64.3	0.0	N/A	51.2	0.0	0.0	1.5	0.0	0	2.4	16.2
	21.5	7/25/2018	59.9	0.0	N/A	57.5	0.0	2980	0.8	0.3	6	11.0	0.8
		10/30/2018	61.8	0.0	N/A	55.1	0.0	0.0	1.1	0.0	0	13.6	2.8
		1/24/2019	55.3	0.0	N/A	52.6	0.0	0.0	0.1	0.0	0	12.8	3.9
		5/1/2019	64.4	1.2	7.6	51.3	1.4	115000	2.6	7.6	OVR	8.1	0.6
	25.5	7/25/2018	55.0	0.0	N/A	57.1	0.0	7980	1.8	0.6	12	15.4	0.6
		10/30/2018	56.8	0.0	N/A	50.0	0.0	7.8	3.2	0.0	0	15.7	1.8
		1/24/2019	55.9	0.0	N/A	50.5	0.0	0.0	0.2	0.0	0	16.4	3.0
		5/1/2019	64.3	1.2	7.1	51.3	1.3	83970	9.2	8.6	OVR	17.1	0.5
	29	7/25/2018	58.3	0.0	N/A	58.0	0.0	104	0.9	0.5	11	15.3	0.4
		10/30/2018	57.1	0.0	N/A	50.3	0.0	0.0	1.2	0.0	0	15.6	1.9
		1/24/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/1/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-16	5	7/27/2018	52.9	0.0	N/A	50.8	0.0	3.3	0.0	0.0	0	2.1	18.4
		10/31/2018	68.7	0.0	N/A	52.8	0.0	0.0	0.3	0.0	0	2.7	18.2
		1/28/2019	50.7	0.0	N/A	50.4	0.0	102	2.5	0.0	1	4.3	17.2
		5/2/2019	64.8	0.0	N/A	50.6	0.0	0.0	0.2	0.0	0	2.1	17.8
	13.5	7/27/2018	52.9	0.0	N/A	53.3	0.0	11450	462	5.2	OVR	16.9	0.7
		10/31/2018	55.7	0.0	N/A	53.8	0.0	15920	464	7.2	OVR	17.4	0.8
		1/28/2019	58.4	0.2	N/A	55.0	0.4	50110	146	13.6	OVR	15.8	0.9
		5/2/2019	64.4	0.0	N/A	53.2	0.0	25070	241	4.8	96	15.6	0.2
	19	7/27/2018	55.4	0.0	N/A	51.8	0.1	55300	420	30.9	OVR	16.2	0.2
		10/31/2018	53.9	0.7	30.7	50.8	0.4	89450	219	39.7	OVR	17.7	1.3
		1/28/2019	58.8	0.8	N/A	52.4	0.9	73700	184	29.7	OVR	16.0	0.6
		5/2/2019	64.2	0.0	N/A	53.9	0.0	51490	317	21.9	OVR	15.4	0.7
	31	7/27/2018	53.1	0.6	N/A	50.9	0.3	108000	308	44.6	OVR	16.2	0.4
		10/31/2018	56.3	1.5	45.9	54.4	0.8	159000	184	52.9	OVR	18.2	0.7
		1/28/2019	57.9	1.2	N/A	59.9	1.1	126000	141	39.6	OVR	16.9	0.9
		5/2/2019	65.3	0.4	N/A	52.5	0.6	94170	233	35.4	OVR	15.5	0.5
VMP-17	5	7/18/2018	54.1	0.0	N/A	60.8	0.0	0.0	0.4	0.0	0	1.0	19.6
		10/30/2018	53.7	0.0	N/A	52.5	0.0	0.0	0.4	0.0	0	0.1	20.7
		1/24/2019	59.4	0.0	N/A	52.7	0.0	0.0	0.1	0.0	0	0.1	20.7
		4/25/2019	59.9	0.1	N/A	52.8	0.2	0.0	0.5	0.0	0	0.6	20.5

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-18	8.5	8/7/2018	56.2	0.0	N/A	53.6	0.0	0.0	5.3	0.0	0	2.8	18.5
		10/26/2018	52.6	0.0	N/A	50.8	0.0	0.0	0.7	0.0	0	2.3	19.5
		1/25/2019	54.5	0.0	N/A	54.6	0.0	0.0	0.1	0.0	0	1.7	20.3
		4/30/2019	56.3	0.0	N/A	67.4	0.0	0.0	0.4	0.0	0	1.3	18.8
VMP-19	5	7/30/2018	51.8	0.0	N/A	50.7	0.1	0.0	0.4	0.0	0	0.8	19.9
		10/31/2018	52.4	0.2	N/A	54.9	0.1	0.0	0.2	0.0	0	0.1	20.7
		1/22/2019	57.1	0.0	N/A	50.1	0.0	0.0	0.3	0.0	0	0.1	20.9
		4/30/2019	64.0	0.0	N/A	58.0	0.0	0.0	0.6	0.0	1	0.3	20.1
VMP-20	5	7/18/2018	52.6	0.0	N/A	51.1	0.0	0.0	0.4	0.0	0	12.5	9.1
		10/24/2018	57.9	0.0	N/A	51.2	0.0	0.0	0.1	0.0	0	6.7	15.9
		1/21/2019	61.0	0.0	N/A	54.2	0.0	256	34.7	0.1	2	2.3	19.2
		4/26/2019	64.0	0.0	N/A	52.1	0.0	5.9	1.8	0.0	0	5.8	15.5
	10	7/18/2018	51.1	0.0	N/A	50.3	0.0	0.0	0.5	0.0	0	13.5	7.0
		10/24/2018	56.2	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	9.3	13.6
		1/21/2019	59.5	0.0	N/A	50.2	0.0	0.0	0.2	0.0	0	4.7	17.3
		4/26/2019	63.0	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	6.5	14.1
	25	7/18/2018	51.7	0.0	N/A	50.4	0.0	0.0	0.4	0.0	0	4.1	16.1
		10/24/2018	51.3	0.0	N/A	52.0	0.0	0.0	0.0	0.0	0	6.4	14.9
		1/21/2019	60.8	0.0	N/A	51.5	0.0	0.0	0.4	0.0	0	5.4	17.1
		4/26/2019	63.8	0.0	N/A	51.3	0.0	0.0	0.5	0.0	0	4.8	17.8
	39.5	7/18/2018	53.9	0.1	N/A	50.1	0.0	0.0	0.3	0.0	0	6.6	7.0
		10/24/2018	53.9	0.0	N/A	51.0	0.0	0.0	0.1	0.0	0	6.9	8.6
		2/5/2019[8]	62.9	0.0	N/A	50.3	0.0	0.0	0.2	0.0	0	7.5	9.5
		4/26/2019	62.5	0.0	N/A	50.6	0.0	0.0	0.7	0.0	0	6.6	9.0
VMP-21	5	7/23/2018	59.8	0.0	N/A	51.8	0.0	0.0	0.6	0.0	0	3.7	17.6
		10/23/2018	55.3	0.0	N/A	51.9	0.0	0.0	0.3	0.0	0	1.3	20.0
		1/21/2019	59.5	0.0	N/A	52.7	0.0	0.0	0.2	0.0	0	0.5	20.4
		4/26/2019	62.6	0.0	N/A	58.3	0.0	0.0	0.1	0.0	0	1.7	18.0
	10	7/23/2018	51.7	0.0	N/A	54.3	0.0	0.0	0.4	0.0	0	4.0	15.8
		10/23/2018	59.9	0.0	N/A	51.2	0.0	0.0	0.4	0.0	0	3.7	17.8
		1/21/2019	63.9	0.0	N/A	55.8	0.0	0.0	0.2	0.0	0	2.1	20.1
		4/26/2019	69.9	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	1.8	18.2
	25	7/23/2018	60.1	0.0	N/A	51.3	0.0	0.0	0.3	0.0	0	2.5	16.9
		10/23/2018	60.0	0.0	N/A	51.3	0.0	0.0	0.4	0.0	0	4.2	17.6
		1/21/2019	52.5	0.0	N/A	50.7	0.0	0.0	0.1	0.0	0	2.9	19.0
		4/26/2019	56.9	0.0	N/A	51.4	0.0	0.0	0.3	0.0	0	1.6	19.0
	33	7/23/2018	52.5	0.0	N/A	50.0	0.1	0.0	0.7	0.0	0	2.3	16.5
		10/23/2018	57.5	0.0	N/A	53.3	0.0	0.0	0.2	0.0	0	4.3	17.3
		1/21/2019	58.9	0.0	N/A	50.9	0.0	0.0	0.1	0.0	0	3.6	18.5
		4/26/2019	61.1	0.0	N/A	59.9	0.0	0.0	0.4	0.0	0	2.0	18.6
VMP-22	5	7/18/2018	57.3	0.0	N/A	52.2	0.0	0.0	0.5	0.0	0	1.1	19.8
		10/19/2018	64.5	0.0	N/A	53.9	0.0	0.0	0.1	0.0	0	0.5	20.5
		1/28/2019	61.7	0.0	N/A	51.1	0.0	0.0	0.1	0.0	0	0.1	20.6
		4/30/2019	63.7	0.0	N/A	51.2	0.0	0.0	0.6	0.0	0	0.5	20.5
	10	7/18/2018	52.6	0.0	N/A	53.7	0.0	0.0	0.9	0.0	0	1.4	18.7
		10/19/2018	56.8	0.1	N/A	51.7	0.1	0.0	0.2	0.0	0	2.0	19.2
		1/28/2019	61.0	0.0	N/A	51.2	0.1	0.0	0.2	0.0	0	0.1	20.6
		4/30/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18	7/18/2018	53.0	0.0	N/A	51.2	0.0	0.0	0.3	0.0	0	1.2	19.5
		10/19/2018	62.8	0.0	N/A	55.3	0.0	0.0	0.2	0.0	0	0.9	20.4
		1/28/2019	60.3	0.1	N/A	51.6	0.1	0.0	0.1	0.0	0	0.1	20.7
		4/30/2019	64.0	0.0	N/A	50.4	0.0	0.0	0.6	0.0	0	0.4	20.1
	38	7/18/2018	51.2	1.0	N/A	50.5	0.5	0.0	0.5	0.0	0	1.1	19.1
		10/19/2018	66.1	0.0	N/A	55.8	0.0	0.0	0.2	0.0	0	2.3	18.9
		1/28/2019	62.2	0.3	N/A	51.8	0.2	0.0	0.1	0.0	0	0.2	20.7
		4/30/2019	63.8	1.5	N/A	50.5	1.7	0.0	0.8	0.0	0	0.8	19.9

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-23	5	7/17/2018	51.2	0.0	N/A	50.5	0.0	0.0	0.4	0.0	0	2.3	17.4
		10/19/2018	55.1	0.0	N/A	52.4	0.0	0.0	0.2	0.0	0	0.8	20.3
		1/23/2019	54.8	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	0.3	20.7
		4/29/2019	50.3	0.0	N/A	50.1	0.2	0.0	0.2	0.0	0	0.4	20.6
	10	7/17/2018	51.5	0.0	N/A	50.1	0.0	0.0	0.6	0.0	0	1.3	18.3
		10/19/2018	53.5	0.0	N/A	50.5	0.0	0.0	0.1	0.0	0	0.9	20.3
		1/23/2019	50.6	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.2	20.6
		4/29/2019	57.1	0.3	N/A	54.4	0.0	0.0	0.4	0.0	0	0.2	20.4
	25	7/17/2018	52.6	0.0	N/A	50.8	0.0	0.0	0.5	0.0	0	1.4	17.9
		10/19/2018	55.8	0.0	N/A	51.4	0.0	0.0	0.2	0.0	0	2.6	18.9
		1/23/2019	57.1	0.0	N/A	53.7	0.0	0.0	0.0	0.0	0	0.9	20.4
		4/29/2019	59.5	0.1	N/A	56.6	0.2	0.0	0.1	0.0	0	0.3	20.1
	40	7/17/2018	54.5	0.0	N/A	50.2	0.0	0.0	0.4	0.0	0	1.4	16.8
		10/19/2018	53.0	0.0	N/A	50.2	0.0	0.0	0.2	0.0	0	3.5	17.9
		1/23/2019	58.8	0.0	N/A	53.3	0.0	0.0	0.3	0.0	0	2.9	18.8
		4/29/2019	60.2	0.2	N/A	57.3	0.3	0.0	0.2	0.0	0	2.0	18.7
VMP-24	5	7/20/2018	77.5	0.0	N/A	72.1	0.0	0.0	0.5	0.0	0	3.2	17.2
		10/25/2018	61.3	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	4.5	16.5
		1/24/2019	51.7	0.0	N/A	50.9	0.0	0.0	0.2	0.0	0	2.3	19.2
		4/24/2019	62.3	0.0	N/A	53.5	0.0	0.0	0.2	0.0	0	1.4	19.1
	10	7/20/2018	52.8	0.0	N/A	50.2	0.0	0.0	0.6	0.0	0	4.1	16.4
		10/25/2018	57.7	0.0	N/A	55.3	0.0	0.1	0.1	0.0	0	5.2	16.1
		1/24/2019	53.8	0.0	N/A	52.1	0.0	0.0	0.2	0.0	0	3.5	17.4
		4/24/2019	63.0	0.0	N/A	54.0	0.0	0.0	0.7	0.0	0	3.3	17.8
	22	7/20/2018	52.6	0.0	N/A	51.8	0.0	0.0	0.7	0.0	0	2.8	17.9
		10/25/2018	59.8	0.0	N/A	50.0	0.0	0.0	0.2	0.0	0	4.3	16.7
		1/24/2019	57.4	0.3	N/A	54.5	0.6	0.0	0.3	0.0	0	1.5	19.7
		4/24/2019	62.5	0.0	N/A	51.3	0.0	0.0	0.8	0.0	0	2.1	18.6
	34	7/20/2018	52.6	0.0	N/A	54.1	0.0	0.0	0.8	0.0	0	4.0	16.7
		10/25/2018	57.1	0.0	N/A	52.1	0.0	0.0	0.6	0.0	0	5.2	16.1
		1/24/2019	59.9	0.0	N/A	55.9	0.0	0.0	0.1	0.0	0	3.5	18.2
		4/24/2019	62.0	0.0	N/A	50.0	0.0	0.0	0.4	0.0	0	3.0	17.8
VMP-25	5	7/31/2018	51.8	0.0	N/A	50.8	0.0	20.5	0.8	0.0	0	12.7	3.0
		10/30/2018	57.0	0.0	N/A	53.2	0.0	0.0	0.3	0.0	0	6.7	7.5
		1/22/2019	56.5	0.0	N/A	50.1	0.0	0.0	0.2	0.0	0	2.5	17.4
		4/25/2019	58.5	0.0	N/A	53.1	0.0	5.8	0.9	0.0	0	3.5	2.0
	9.5	7/31/2018[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/30/2018[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/22/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/25/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	21	7/31/2018[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/30/2018[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/22/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/25/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	31	7/31/2018[10]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/30/2018[10]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/22/2019[10]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/25/2019[10]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-29	10	7/24/2018	55.9	0.0	N/A	51.9	0.0	0.0	0.5	0.0	0	0.4	19.8
		10/26/2018	55.0	0.0	N/A	51.2	0.0	0.0	1.0	0.0	0	0.3	20.6
		2/5/2019[15]	62.7	1.2	N/A	65.4	12.5	NM	NM	NM	NM	NM	NM
		5/2/2019	58.9	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	0.1	20.6
	18	7/24/2018	51.8	0.0	N/A	50.0	0.0	0.0	0.6	0.0	0	0.8	19.2
		10/26/2018	59.8	0.0	N/A	53.2	0.0	0.0	1.4	0.0	0	0.5	20.5
		1/25/2019	60.4	0.0	N/A	54.8	0.0	0.0	0.1	0.0	0	0.2	20.4
		5/2/2019	58.3	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	0.1	20.4
	26	7/24/2018	52.7	0.0	N/A	51.9	0.0	0.0	0.8	0.0	0	0.9	19.0
		10/26/2018	60.2	0.0	N/A	52.1	0.0	0.0	1.1	0.0	0	0.5	0.6
		1/25/2019	59.6	0.0	N/A	54.3	0.0	0.0	0.1	0.0	0	0.5	20.2
		5/2/2019	60.0	0.0	N/A	53.7	0.0	0.0	0.4	0.0	0	0.1	20.7
	40	7/24/2018[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/26/2018[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/25/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/2/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-30	10	7/24/2018	68.9	0.0	N/A	51.6	0.0	0.0	0.5	0.0	0	0.0	19.5
		10/26/2018	61.6	0.0	N/A	54.0	0.0	0.0	0.8	0.0	0	0.1	20.7
		1/25/2019	60.3	0.0	N/A	57.0	0.0	0.0	0.1	0.0	0	0.0	20.7
		5/2/2019	62.3	0.0	N/A	54.4	0.0	0.0	0.0	0.0	0	0.0	20.9
	18	7/24/2018	57.5	0.1	N/A	51.9	0.0	0.0	0.5	0.0	0	0.0	20.0
		10/26/2018	59.9	0.0	N/A	50.8	0.0	0.0	0.6	0.0	0	0.2	20.7
		1/25/2019	60.1	0.0	N/A	55.0	0.0	0.0	0.1	0.0	0	0.2	20.6
		5/2/2019	59.4	0.0	N/A	50.3	0.0	0.0	0.1	0.0	0	0.0	20.9
	26	7/24/2018	52.5	0.0	N/A	50.3	0.0	0.0	0.6	0.0	0	0.0	20.0
		10/26/2018	57.1	0.0	N/A	53.3	0.0	0.0	0.7	0.0	0	0.3	20.6
		1/25/2019	61.4	0.0	N/A	52.8	0.0	0.0	0.1	0.0	0	0.3	20.6
		5/2/2019	61.1	0.1	N/A	51.5	0.0	0.0	0.2	0.0	0	0.0	20.9
	40	7/24/2018[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/26/2018[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/25/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/2/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-32	5	7/23/2018	51.2	0.0	N/A	53.9	0.0	0.0	0.1	0.0	0	2.7	18.4
		10/25/2018[12]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/23/2019	58.1	0.0	N/A	54.1	0.0	0.0	0.1	0.0	0	0.6	20.1
		4/30/2019	64.5	0.0	N/A	50.8	0.0	0.0	1.0	0.0	0	1.0	19.9
	10	7/23/2018	53.3	0.0	N/A	52.4	0.0	0.0	0.1	0.0	0	2.7	17.8
		10/25/2018	59.9	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	1.9	19.5
		1/23/2019	61.4	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	0.9	20.0
		4/30/2019	64.8	0.0	N/A	51.7	0.0	0.0	0.5	0.0	0	0.9	20.0
	20	7/23/2018	52.6	0.1	N/A	52.2	0.6	0.0	0.3	0.0	0	0.2	20.3
		10/25/2018	58.1	0.0	N/A	52.9	0.0	0.0	0.0	0.0	0	0.3	20.4
		1/23/2019	60.2	0.8	N/A	50.2	2.5	0.0	0.0	0.0	0	0.1	20.2
		4/30/2019	64.2	0.2	N/A	51.1	0.8	0.0	0.7	0.0	0	0.1	20.7
	30	7/23/2018	52.9	1.6	N/A	51.7	2.1	0.0	0.4	0.0	0	1.1	18.7
		10/25/2018	61.3	0.0	N/A	50.1	0.0	0.0	0.1	0.0	0	0.8	19.9
		1/23/2019	61.2	1.8	N/A	53.8	1.0	0.0	0.0	0.0	0	0.7	19.9
		5/3/2019	58.8	0.0	N/A	50.2	1.7	0.0	0.5	0.0	0	0.7	19.9
VMP-41	10	7/20/2018	62.5	0.0	N/A	51.6	0.1	0.0	0.6	0.0	0	0.6	20.1
		10/25/2018	58.4	0.0	N/A	54.4	0.0	0.0	0.1	0.0	0	0.4	20.6
		1/29/2019[13]	60.0	0.0	N/A	57.6	0.0	7.4	2.6	0.0	0	0.2	20.4
		2/27/2019	58.9	0.0	N/A	50.4	0.0	0.0	0.2	0.0	0	0.2	20.7
		5/3/2019	61.2	0.0	N/A	55.3	0.0	0.0	0.6	0.0	0	0.4	20.3
	20	7/20/2018	57.8	0.0	N/A	50.8	0.3	0.0	0.7	0.0	0	1.0	19.9
		10/25/2018	57.9	0.0	N/A	51.1	0.0	0.0	0.2	0.0	0	1.1	20.0
		1/29/2019	57.5	0.0	N/A	52.2	0.0	0.0	0.3	0.0	0	0.5	20.5
		5/3/2019	57.1	0.0	N/A	52.0	0.0	0.0	0.7	0.0	0	0.3	20.2
	26	7/20/2018	56.5	0.0	N/A	50.4	0.0	0.0	0.6	0.0	0	0.9	19.5
		10/25/2018	58.5	0.0	N/A	50.4	0.0	0.0	0.3	0.0	0	1.5	19.6
		1/29/2019	59.7	0.0	N/A	55.6	0.0	0.0	0.2	0.0	0	1.0	20.1
		5/3/2019	63.3	0.1	N/A	53.9	0.0	0.0	0.7	0.0	0	0.4	20.2
VMP-42	10	7/23/2018	57.1	0.0	N/A	54.9	0.0	0.0	0.0	0.0	0	1.9	18.6
		10/22/2018	51.4	0.0	N/A	50.7	0.0	0.0	0.3	0.0	0	1.2	19.8
		1/25/2019	54.8	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.5	20.5
		5/1/2019	52.8	0.0	N/A	50.1	0.0	0.0	0.4	0.0	0	0.5	20.4
	20	7/23/2018	55.0	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	3.1	17.2
		10/22/2018	53.6	0.0	N/A	52.3	0.0	0.0	0.5	0.0	0	2.6	19.0
		2/5/2019[8]	63.2	0.0	N/A	52.6	0.0	0.0	0.2	0.0	0	1.3	20.0
		5/1/2019	54.6	0.0	N/A	51.6	0.0	0.0	0.4	0.0	0	0.7	19.7
	30	7/23/2018	59.3	0.0	N/A	51.7	0.0	0.0	0.6	0.0	0	0.7	18.3
		10/22/2018[13]	53.0	0.0	N/A	54.5	0.0	0.0	0.5	0.0	0	2.4	19.2
		11/28/2018	52.2	0.0	N/A	50.1	0.0	0.0	0.2	0.0	0	2.0	19.6
		1/25/2019	56.2	0.1	N/A	56.3	0.0	0.0	0.0	0.0	0	1.6	20.2
		5/1/2019	52.8	0.0	N/A	50.9	0.0	0.0	0.4	0.0	0	0.8	19.7
VMP-43	10	7/18/2018	57.5	0.0	N/A	54.7	0.0	0.0	0.7	0.0	0	0.3	19.5
		10/29/2018	61.2	0.0	N/A	55.3	0.0	0.0	0.4	0.0	0	0.0	20.6
		1/29/2019	62.4	0.0	N/A	53.8	0.0	0.0	0.4	0.0	0	0.1	20.9
		4/29/2019	61.6	0.0	N/A	51.0	0.0	0.0	0.3	0.0	0	0.0	19.8
	20	7/18/2018	52.1	0.0	N/A	53.2	0.0	0.0	0.4	0.0	0	0.4	19.2
		10/29/2018	58.1	0.0	N/A	52.1	0.0	0.0	0.3	0.0	0	0.0	20.6
		1/29/2019	62.0	0.0	N/A	53.6	0.0	1.1	0.3	0.0	0	0.1	20.5
		4/29/2019	62.4	1.1	N/A	54.6	0.4	0.0	0.4	0.0	0	0.2	19.7
	30	7/18/2018	55.9	0.0	N/A	51.4	0.0	1.3	0.8	0.0	0	0.7	18.7
		10/29/2018	59.2	0.0	N/A	52.6	0.0	0.0	0.8	0.0	0	1.1	19.7
		1/29/2019	61.2	0.0	N/A	53.9	0.0	0.0	0.3	0.0	0	2.7	17.4
		4/29/2019	64.7	0.0	N/A	52.0	0.0	0.0	0.6	0.0	0	0.9	18.8

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-44	10	7/18/2018	55.5	0.0	N/A	51.9	0.0	0.0	0.5	0.0	0	0.9	19.2
		10/25/2018	66.0	0.0	N/A	54.7	0.0	0.0	0.2	0.0	0	1.0	19.6
		1/22/2019	56.2	0.0	N/A	53.1	0.0	2.5	0.4	0.0	0	0.2	20.5
		4/29/2019	59.3	0.0	N/A	58.5	0.3	0.0	0.4	0.0	0	0.3	20.1
	20	7/18/2018	52.5	0.0	N/A	50.0	0.1	0.0	0.7	0.0	0	1.1	18.7
		10/25/2018	53.8	0.0	N/A	50.8	0.0	0.0	0.3	0.0	0	1.1	19.6
		2/4/2019	62.2	0.0	N/A	50.6	0.0	0.0	0.3	0.0	0	0.7	20.1
		4/29/2019	55.4	0.1	N/A	53.1	0.0	0.0	0.5	0.0	0	0.7	20.0
	30	7/18/2018	54.7	0.1	N/A	51.1	0.1	0.0	0.9	0.0	0	0.6	19.3
		10/25/2018	54.5	0.0	N/A	52.6	0.0	0.0	0.2	0.0	0	0.3	20.1
		1/22/2019	56.6	0.0	N/A	52.1	0.0	0.0	0.3	0.0	0	0.1	20.7
		4/29/2019	59.0	0.7	N/A	57.2	0.8	0.0	0.6	0.0	0	0.2	20.2
VMP-45	10	7/19/2018	60.1	0.0	N/A	58.2	0.0	0.0	0.5	0.0	0	0.8	19.4
		10/25/2018	51.7	0.0	N/A	56.2	0.0	0.0	0.0	0.0	0	1.0	19.9
		1/22/2019	57.1	0.0	N/A	50.5	0.0	0.0	0.1	0.0	0	0.1	20.7
		4/25/2019	62.4	0.0	N/A	50.2	0.0	0.0	0.6	0.0	0	0.2	20.4
	20	7/19/2018	60.5	0.0	N/A	52.4	0.0	0.0	0.5	0.0	0	0.7	19.6
		10/25/2018	53.9	0.0	N/A	57.7	0.0	0.0	0.1	0.0	0	1.4	19.6
		1/22/2019	59.3	0.0	N/A	50.5	0.0	0.0	0.2	0.0	0	0.3	20.6
		4/25/2019	61.5	0.0	N/A	50.3	0.0	0.0	0.7	0.0	0	0.2	20.3
	30	7/19/2018	55.9	0.0	N/A	53.3	0.0	0.0	0.6	0.0	0	1.8	18.5
		10/25/2018	53.9	0.0	N/A	54.9	0.0	0.0	0.2	0.0	0	2.7	18.3
		1/22/2019	61.4	0.0	N/A	51.3	0.0	0.0	0.2	0.0	0	1.1	20.1
		4/25/2019	62.1	0.0	N/A	51.1	0.0	0.0	0.7	0.0	0	0.1	13.7
		5/28/2019	64.3	0.3	N/A	52.9	0.3	0.0	0.8	0.0	0	0.1	20.7
VMP-47	5	7/19/2018	53.4	0.0	N/A	50.2	0.0	0.0	0.3	0.0	0	0.6	20.0
		10/23/2018	55.1	0.0	N/A	50.8	0.0	0.0	0.3	0.0	0	0.1	20.7
		1/29/2019	60.2	0.0	N/A	52.4	0.0	0.0	0.3	0.0	0	0.2	20.6
		4/25/2019	52.0	0.0	N/A	50.4	0.0	0.0	0.8	0.0	0	0.5	20.0
	10	7/19/2018	53.7	0.0	N/A	51.3	0.0	0.0	0.3	0.0	0	1.0	19.6
		10/23/2018	62.3	0.0	N/A	54.4	0.0	0.0	0.3	0.0	0	0.3	20.6
		1/29/2019	61.8	0.0	N/A	52.6	0.0	0.0	0.2	0.0	0	0.4	20.8
		4/25/2019	62.4	0.0	N/A	50.1	0.0	0.0	0.7	0.0	0	0.4	20.1
	20	7/19/2018	52.7	0.0	N/A	51.5	0.0	0.0	0.5	0.0	0	0.9	19.5
		10/23/2018	55.9	0.0	N/A	50.5	0.0	0.0	0.2	0.0	0	0.3	20.5
		1/29/2019	63.1	0.0	N/A	55.0	0.0	0.0	0.2	0.0	0	0.4	20.6
		4/25/2019	64.0	0.0	N/A	50.2	0.0	0.0	0.5	0.0	0	0.4	20.0
	30	7/19/2018	53.7	0.0	N/A	51.2	0.0	0.0	0.4	0.0	0	1.4	19.2
		10/23/2018	59.9	0.0	N/A	52.2	0.0	0.0	0.2	0.0	0	1.1	19.7
		1/29/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/3/2019	64.8	0.0	N/A	51.5	0.0	0.0	0.8	0.0	0	0.6	19.9
VMP-48	5	7/24/2018	51.6	0.0	N/A	57.2	0.0	0.0	0.2	0.0	0	6.3	13.6
		10/24/2018	52.5	0.0	N/A	51.3	0.0	0.0	0.2	0.0	0	1.8	20.1
		1/23/2019	59.6	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.8	19.4
		4/26/2019	52.7	0.0	N/A	50.0	0.0	0.0	0.1	0.0	0	1.7	16.6
	10	7/24/2018	51.9	0.0	N/A	50.1	0.0	0.0	0.2	0.0	0	4.5	15.0
		10/24/2018	59.8	0.0	N/A	51.4	0.0	0.0	0.3	0.0	0	5.4	16.5
		1/23/2019	58.1	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	3.1	18.5
		4/26/2019	61.2	0.0	N/A	57.5	0.0	0.0	0.2	0.0	0	1.8	18.4
	20	7/24/2018[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/24/2018	60.8	0.0	N/A	55.5	0.0	0.0	0.1	0.0	0	5.4	15.8
		1/23/2019	58.0	0.0	N/A	50.2	0.0	0.0	0.1	0.0	0	3.7	18.3
		4/26/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	30	7/24/2018	52.9	0.0	N/A	55.6	0.0	0.0	0.4	0.0	0	6.3	16.2
		10/24/2018	56.7	0.0	N/A	52.9	0.0	0.0	0.2	0.0	0	6.9	14.9
		1/23/2019	61.0	0.0	N/A	57.7	0.0	0.0	0.2	0.0	0	7.3	15.2
		4/26/2019	55.4	0.7	N/A	52.6	0.0	0.0	0.3	0.0	0	6.0	16.3

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-49	5	7/20/2018	52.5	0.0	N/A	56.1	0.0	0.0	0.6	0.0	0	0.7	19.9
		10/23/2018	56.7	0.0	N/A	50.0	0.0	0.0	0.3	0.0	0	0.4	20.4
		2/1/2019	60.4	0.0	N/A	53.7	0.0	0.0	0.1	0.0	0	0.1	20.7
		4/29/2019	63.0	0.0	N/A	51.1	0.0	0.0	0.4	0.0	0	0.6	20.8
	10	7/20/2018	52.5	0.0	N/A	57.1	0.2	0.0	0.7	0.0	0	1.5	18.3
		10/23/2018	56.2	0.0	N/A	53.3	0.0	0.0	0.4	0.0	0	0.6	20.2
		1/21/2019	55.2	0.0	N/A	52.6	0.0	0.0	0.2	0.0	0	0.2	20.8
		4/29/2019	61.5	0.0	N/A	51.5	0.0	0.0	0.6	0.0	0	0.8	20.4
	20	7/20/2018	55.9	0.1	N/A	57.7	0.3	0.0	0.6	0.0	0	1.6	18.1
		10/23/2018	58.3	0.0	N/A	51.3	0.0	0.0	0.4	0.0	0	0.4	20.4
		1/21/2019	55.5	0.0	N/A	51.6	0.0	0.0	0.1	0.0	0	0.1	20.8
		4/29/2019	64.1	0.0	N/A	51.6	0.0	0.0	0.7	0.0	0	0.7	20.4
	30	7/20/2018	52.9	0.0	N/A	52.7	0.0	0.0	0.8	0.0	0	0.8	19.5
		10/23/2018	58.3	0.0	N/A	50.5	0.0	0.0	0.6	0.0	0	0.5	20.5
		1/21/2019	60.6	0.0	N/A	51.4	0.0	0.0	0.1	0.0	0	0.9	19.8
		4/29/2019	64.0	0.0	N/A	51.7	0.0	0.0	0.7	0.0	0	9.2	11.1
VMP-50	5	7/26/2018	57.7	0.0	N/A	54.9	0.0	0.8	0.3	0.0	0	8.2	10.6
		10/30/2018	52.9	0.0	N/A	52.4	0.0	0.0	0.8	0.0	0	0.4	20.6
		2/5/2019[8]	61.2	0.0	N/A	52.5	0.0	0.0	0.2	0.0	0	0.1	20.8
		4/29/2019	52.6	0.0	N/A	51.7	0.0	0.0	0.3	0.0	0	0.4	20.4
	10	7/26/2018	55.2	0.0	N/A	51.7	0.0	0.0	0.5	0.0	0	8.7	9.2
		10/30/2018	50.5	0.0	N/A	63.0	0.0	0.0	0.7	0.0	0	1.3	20.0
		1/25/2019	61.8	0.0	N/A	51.1	0.0	0.0	0.2	0.0	0	0.2	20.9
		4/29/2019	54.2	0.0	N/A	51.6	0.0	0.0	0.4	0.0	0	0.4	20.2
	20	7/26/2018	59.9	0.0	N/A	55.5	0.0	0.0	0.5	0.0	0	4.9	12.6
		10/30/2018	56.0	0.0	N/A	50.1	0.0	0.0	0.8	0.0	0	1.8	19.5
		2/1/2019	62.1	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	0.4	20.5
		4/29/2019	57.5	0.1	N/A	53.3	0.0	0.0	0.3	0.0	0	0.4	20.1
	30	7/26/2018	59.0	0.0	N/A	54.8	0.0	139	25.8	0.0	0	2.3	17.2
		10/30/2018	58.4	0.0	N/A	50.6	0.0	248	35.6	0.2	5	2.5	18.6
		1/25/2019	60.1	0.0	N/A	54.9	0.0	232	35.9	0.2	5	2.7	19.3
		4/29/2019	55.3	0.0	N/A	52.0	0.0	144	25.2	0.0	0	1.1	19.3
VMP-51	5	7/17/2018	77.8	0.0	N/A	73.4	0.0	0.0	0.5	0.0	0	1.2	19.1
		10/19/2018	59.5	0.0	N/A	52.6	0.0	0.0	0.2	0.0	0	0.5	20.4
		1/23/2019	51.3	0.0	N/A	54.4	0.0	0.0	0.0	0.0	0	0.1	20.5
		5/1/2019	54.9	0.1	N/A	51.7	0.1	0.0	0.3	0.0	0	0.5	19.8
	10	7/17/2018	58.7	0.0	N/A	59.1	0.0	0.0	0.5	0.0	0	2.1	18.4
		10/19/2018	62.5	0.0	N/A	54.0	0.0	0.0	0.1	0.0	0	1.3	20.1
		1/23/2019	56.0	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	0.3	20.4
		5/1/2019	61.1	0.2	N/A	55.2	0.0	0.0	0.3	0.0	0	0.6	19.6
	20	7/17/2018	54.2	0.4	N/A	57.3	0.0	0.0	0.4	0.0	0	1.8	18.8
		10/19/2018	61.9	0.0	N/A	58.4	0.0	0.0	0.0	0.0	0	2.4	19.1
		1/23/2019	58.3	0.3	N/A	52.8	0.3	0.0	0.0	0.0	0	0.6	20.3
		5/1/2019	57.1	0.0	N/A	52.2	0.0	0.0	0.6	0.0	0	0.3	20.1
	30	7/17/2018	56.4	0.0	N/A	54.3	0.0	0.0	0.6	0.0	0	1.5	18.5
		10/19/2018	59.9	0.0	N/A	51.5	0.0	0.0	0.1	0.0	0	2.8	18.6
		1/23/2019	52.3	0.0	N/A	53.9	0.0	0.0	0.0	0.0	0	1.4	20.1
		5/1/2019	54.8	0.0	N/A	53.6	0.0	0.0	0.2	0.0	0	0.6	19.8
VMP-52	5	7/20/2018	53.2	0.0	N/A	51.3	0.0	0.0	0.5	0.0	0	4.2	15.1
		10/23/2018	53.2	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	2.8	19.5
		1/31/2019	54.4	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	0.5	20.5
		5/2/2019	65.2	0.0	N/A	53.7	0.0	0.0	0.5	0.0	0	2.0	11.1
	10	7/20/2018	52.4	0.0	N/A	51.0	0.0	0.0	0.3	0.0	0	3.0	14.1
		10/23/2018	52.8	0.0	N/A	50.1	0.0	0.0	0.3	0.0	0	4.9	16.3
		1/31/2019	51.1	0.0	N/A	58.3	0.0	0.0	0.2	0.0	0	1.4	20.1
		5/2/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	20	7/20/2018	52.4	0.0	N/A	51.7	0.0	0.0	0.4	0.0	0	1.9	17.8
		10/23/2018	53.5	0.0	N/A	51.7	0.0	0.0	0.4	0.0	0	3.8	15.9
		1/31/2019	59.5	0.0	N/A	56.8	0.0	0.0	0.2	0.0	0	4.5	16.8
		5/2/2019	64.2	0.0	N/A	50.1	0.0	0.0	0.6	0.0	0	2.7	18.6
	30	7/20/2018	52.5	0.0	N/A	50.9	0.0	0.0	0.6	0.0	0	2.1	17.7
		10/23/2018	51.9	0.0	N/A	51.3	0.0	0.0	0.2	0.0	0	3.8	15.9
		1/31/2019	57.3	0.0	N/A	56.3	0.0	0.0	0.2	0.0	0	4.6	16.5
		5/2/2019	64.2	0.0	N/A	50.1	0.0	0.0	0.6	0.0	0	2.9	18.5

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-53	5	7/25/2018	57.8	0.0	N/A	52.6	0.0	0.0	0.2	0.0	0	2.0	18.6
		10/23/2018	53.9	0.0	N/A	53.9	0.0	0.0	0.3	0.0	0	1.2	20.0
		1/18/2019	61.4	0.0	N/A	50.5	0.0	0.0	0.3	0.0	0	0.6	20.6
		5/3/2019	56.4	0.0	N/A	51.1	0.0	0.0	0.5	0.0	0	0.9	19.8
	10	7/25/2018	53.8	0.0	N/A	50.0	0.0	0.0	0.2	0.0	0	1.6	19.0
		10/23/2018	53.7	0.0	N/A	52.4	0.0	0.0	0.2	0.0	0	1.3	19.9
		1/18/2019	62.1	0.0	N/A	50.6	0.0	0.0	0.2	0.0	0	0.5	20.6
		5/3/2019	55.2	0.0	N/A	50.0	0.0	7.2	1.5	0.0	0	0.7	20.1
	20	7/25/2018	54.3	0.0	N/A	52.2	0.0	0.0	0.2	0.0	0	1.4	18.7
		10/23/2018	52.4	0.0	N/A	51.4	0.0	0.0	0.3	0.0	0	2.1	18.9
		1/18/2019	61.2	0.0	N/A	53.4	0.0	0.0	0.2	0.0	0	1.4	20.1
		5/3/2019	60.0	0.0	0.1	56.4	0.0	248	51.3	0.1	3	0.8	19.6
	30	7/25/2018	52.8	0.0	N/A	52.9	0.0	0.0	0.1	0.0	0	1.4	18.3
		10/23/2018	55.1	0.0	N/A	50.9	0.0	0.0	0.3	0.0	0	2.6	17.9
		1/31/2019[8]	56.8	0.0	N/A	52.7	0.0	0.0	0.2	0.0	0	2.8	18.9
		5/3/2019	56.8	0.0	N/A	52.7	0.0	48.2	7.6	0.0	0	2.1	19.1
VMP-54	5	7/25/2018	66.8	0.0	N/A	52.8	0.0	0.0	0.2	0.0	0	3.8	16.0
		10/24/2018	52.9	0.0	N/A	50.4	0.0	0.0	0.1	0.0	0	3.3	18.0
		1/18/2019	58.8	0.0	N/A	55.5	0.0	0.0	0.2	0.0	0	1.8	19.1
		4/24/2019	53.1	0.0	N/A	52.3	0.0	0.0	0.2	0.0	0	1.7	18.6
	10	7/25/2018	52.7	0.0	N/A	50.0	0.0	0.0	0.3	0.0	0	2.6	16.8
		10/24/2018	53.3	0.0	N/A	52.4	0.0	0.0	0.2	0.0	0	3.4	17.2
		1/18/2019	56.9	0.0	N/A	51.9	0.0	0.0	0.1	0.0	0	2.7	18.3
		4/24/2019	57.4	0.0	N/A	50.5	0.0	0.0	0.5	0.0	0	1.8	18.7
	20	7/25/2018	50.9	0.0	N/A	51.4	0.0	0.0	0.3	0.0	0	2.0	17.2
		10/24/2018	54.1	0.0	N/A	51.3	0.0	0.0	0.2	0.0	0	3.4	16.5
		1/18/2019	54.1	0.0	N/A	50.7	0.0	0.0	0.1	0.0	0	3.3	17.3
		4/24/2019	58.1	0.0	N/A	50.8	0.0	0.0	0.3	0.0	0	2.0	18.1
	30	7/25/2018	52.0	0.2	N/A	56.8	0.4	0.0	0.3	0.0	0	3.2	16.9
		10/24/2018	53.3	0.0	N/A	53.7	0.1	0.0	0.3	0.0	0	2.0	18.8
		1/18/2019	55.8	0.0	N/A	51.4	0.2	0.0	0.1	0.0	0	0.8	19.7
		4/24/2019	53.9	0.6	N/A	52.5	2.5	0.0	0.5	0.0	0	1.4	18.5
VMP-55	5	7/25/2018[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/30/2018	58.5	0.0	N/A	54.7	0.0	0.0	0.9	0.0	0	15.6	4.4
		1/24/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/1/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10	7/25/2018[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/30/2018[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/24/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/1/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	20	7/25/2018	53.8	0.2	N/A	50.3	0.2	51780	51.6	7.1	OVR	15.5	0.8
		10/30/2018	56.9	0.0	N/A	53.3	0.0	103000	60.2	21.5	OVR	17.6	0.1
		2/5/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/1/2019	64.0	0.1	N/A	53.3	0.1	55180	94.1	9.0	OVR	16.4	0.7
	30	7/25/2018[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/30/2018[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/24/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/1/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-56	10	7/26/2018	53.5	0.0	N/A	51.7	0.0	0.0	0.2	0.0	0	0.6	19.8
		10/29/2018	51.7	0.0	N/A	50.7	0.0	0.0	0.2	0.0	0	0.1	20.5
		1/28/2019	59.7	0.0	N/A	50.2	0.0	0.0	0.2	0.0	0	0.2	20.7
		5/1/2019	64.9	0.0	N/A	53.8	0.0	0.0	0.4	0.0	0	0.3	20.4
	25	7/26/2018	54.8	0.0	N/A	51.2	0.0	2.5	0.6	0.0	0	1.5	18.7
		10/29/2018	52.5	0.0	N/A	56.0	0.0	0.0	0.3	0.0	0	0.4	20.3
		1/28/2019	62.3	0.0	N/A	50.2	0.0	0.0	0.3	0.0	0	0.4	20.6
		5/1/2019	64.5	0.0	N/A	53.3	0.0	0.0	0.3	0.0	0	0.5	20.3
	38.5	7/26/2018	54.9	0.0	N/A	51.1	0.0	1000000	351	OVR	OVR	5.5	2.9
		10/29/2018	51.3	0.0	N/A	52.0	0.0	1000000	341	OVR	OVR	2.8	15.5
		1/28/2019	61.1	0.0	N/A	60.2	0.0	352000	353	OVR	OVR	4.1	12.9
		5/1/2019	64.7	0.0	N/A	53.0	0.0	527000	133	OVR	OVR	1.7	18.0

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-62	5	7/24/2018	73.4	0.0	N/A	50.2	0.0	0.0	0.3	0.0	0	3.9	16.8
		10/24/2018	53.9	0.0	N/A	50.5	0.0	0.0	0.1	0.0	0	1.7	19.9
		1/28/2019	61.3	0.0	N/A	50.4	0.0	0.0	0.2	0.0	0	0.8	20.1
		4/26/2019	60.9	0.0	N/A	51.0	0.0	0.0	0.2	0.0	0	1.5	18.6
	10	7/24/2018	55.8	0.0	N/A	52.6	0.0	0.0	0.2	0.0	0	4.2	16.6
		10/24/2018	51.8	0.0	N/A	51.8	0.0	0.0	0.1	0.0	0	2.4	19.3
		1/28/2019	61.7	0.0	N/A	54.7	0.0	0.0	0.1	0.0	0	1.2	20.1
		4/26/2019	63.0	0.0	N/A	52.6	0.0	0.0	0.1	0.0	0	1.3	19.3
	20	7/24/2018	53.1	0.0	N/A	54.6	0.0	6.4	0.9	0.0	0	3.0	17.3
		10/24/2018	60.2	0.0	N/A	50.6	0.0	0.0	0.3	0.0	0	2.3	19.3
		1/28/2019	52.1	0.0	N/A	50.9	0.0	0.0	0.1	0.0	0	1.1	20.2
		4/26/2019	63.0	0.0	N/A	50.3	0.0	0.6	0.2	0.0	0	1.0	19.5
	30	7/24/2018	54.5	0.0	N/A	51.0	0.0	0.0	0.9	0.0	0	1.6	18.5
		10/24/2018	53.7	0.0	N/A	51.3	0.0	0.0	0.2	0.0	0	1.5	19.9
		2/5/2019[8]	62.9	0.0	N/A	50.9	0.0	0.0	0.1	0.0	0	0.8	20.3
		4/26/2019	63.5	0.0	N/A	51.8	0.0	0.0	0.1	0.0	0	0.5	20.1
VMP-63	5	7/19/2018	52.6	0.0	N/A	61.2	0.0	0.0	0.3	0.0	0	0.2	20.3
		10/22/2018	53.5	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	0.1	20.8
		1/29/2019	61.4	0.0	N/A	55.3	0.0	0.0	0.2	0.0	0	0.1	20.9
		4/25/2019	61.6	0.3	N/A	52.4	0.0	0.0	0.5	0.0	0	0.2	20.5
	10	7/19/2018	52.5	0.0	N/A	59.4	0.0	0.0	0.4	0.0	0	0.5	20.3
		10/22/2018	53.9	0.0	N/A	51.2	0.0	0.0	0.2	0.0	0	0.2	20.8
		1/29/2019	61.7	0.0	N/A	51.7	0.0	0.0	0.2	0.0	0	0.1	20.9
		4/25/2019	61.7	0.0	N/A	50.3	0.0	0.0	1.2	0.0	0	1.1	19.4
	20	7/19/2018	51.5	0.0	N/A	53.6	0.0	0.0	0.3	0.0	0	0.7	20.1
		10/22/2018	58.2	0.0	N/A	50.2	0.0	0.0	0.1	0.0	0	0.2	20.8
		1/29/2019[14]	61.0	0.7	N/A	51.4	0.4	0.0	0.1	0.0	0	0.1	20.9
		2/27/2019	59.9	0.0	N/A	52.5	0.0	0.0	0.4	0.0	0	0.1	20.8
		4/25/2019	64.0	0.0	N/A	50.9	0.0	0.0	0.8	0.0	0	1.8	18.6
	30	7/19/2018	53.5	1.0	N/A	59.6	0.4	0.0	0.4	0.0	0	0.8	19.8
		10/22/2018	59.8	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	0.5	20.6
		2/4/2019[14]	60.0	0.0	N/A	53.7	0.0	0.0	0.2	0.0	0	0.2	20.7
		4/25/2019	64.2	0.0	N/A	51.2	0.0	0.0	0.6	0.0	0	0.3	20.0
VMP-64	5	7/23/2018	57.8	0.0	N/A	54.0	0.0	0.0	0.3	0.0	0	0.3	19.7
		10/25/2018	64.2	0.0	N/A	51.7	0.0	0.0	0.2	0.0	0	0.2	20.7
		1/21/2019	57.1	0.0	N/A	50.6	0.0	0.0	0.1	0.0	0	0.1	20.8
		4/26/2019	62.1	0.0	N/A	52.2	0.0	0.0	0.2	0.0	0	0.2	20.4
	10	7/23/2018	54.3	0.0	N/A	50.0	0.0	0.0	0.6	0.0	0	3.2	16.3
		10/25/2018	51.5	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	2.9	18.9
		1/21/2019	58.2	0.0	N/A	51.7	0.0	0.0	0.1	0.0	0	2.0	19.0
		4/26/2019	61.6	0.0	N/A	51.9	0.0	0.0	0.1	0.0	0	1.4	19.7
	20	7/23/2018	53.5	0.0	N/A	58.4	0.0	0.0	0.4	0.0	0	3.1	16.6
		10/25/2018	53.9	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	3.6	18.1
		1/21/2019	51.3	0.0	N/A	51.0	0.0	0.0	0.1	0.0	0	2.2	19.6
		4/26/2019	62.8	0.0	N/A	50.4	0.0	0.0	0.2	0.0	0	1.6	19.3
	28	7/23/2018[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/25/2018[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/21/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/26/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

1. OVR is used to indicate a reading over range for the FID or MultiRAE.
2. The Landtec landfill gas analyzer displays "OVR" for any results calculated higher than 99.9% for an individual reading.
3. 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).
   NM is used to indicate that a reading was not measured.
4. NS is used to indicate that a reading was not collected because the port could not be sampled.
5. 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.
6. Negative readings on the FID are recorded as zero.
7. VMP successfully re-sampled after helium leak check failure.
8. VMP re-sampled due to issues with the canister after arriving at the laboratory.
9. VMP not sampled because screen submerged below water table or a temporary water condition.
10. VMP-25-31 no longer sampled effective 2Q18 due to port integrity.
11. Natural gas utility line leak near VMP-50 was discovered by Ameren Illinois on May 1, 2018, and repaired on May 31, 2018.
12. VMP not sampled because vehicle was consistently parked on well vault.
13. VMP re-sampled due to anomalous results in the initial sample.
14. VMP re-sampled due to elevated helium readings (>10% of shroud) in canister at the laboratory.
15. VMP not sampled due to three consecutive helium leak check failures.

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	0.0078	0.048
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	0.31	2.3
cis-1,3-Dichloropropene	0.9	6.2
trans-1,3-Dichloropropene	0.9	6.2
1,4-Dioxane	0.22	2.3
Ethanol		
Ethylbenzene	1.3	9.3
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)	3,700	24,000
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	5.4	25.0
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; Appendix B, Table H: Tier 1 Indoor Inhalation Remediation Objectives for Residential and Industrial/Commercial Properties for the Diffusion and Advection Exposure Route, July 15, 2013.

2. Blank cells indicate that chemical does not have screening criteria.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
HISTORICAL 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			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-071818	7/18/2018	0.021	J		<0.0038	U		<0 008	U		<0.012	U		<0.047	U		<0.0026	U		<0 011	U		0.0034	J	
		VMP-1-5-102218	10/22/2018	0.031			0.0014	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.017			0.0042	J	
		VMP-1-5-012319	1/23/2019	0.019	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		0.0053	J		<0.013	U	
		VMP-1-5-043019	4/30/2019	0.015	J		0.00084	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0022	J		<0.015	U	
	8.5 ft	VMP-1-8.5-071818	7/18/2018	0.046			<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0 012	U		0.0072	J	
		VMP-1-8.5-102218	10/22/2018	0.0082	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0 011	U		<0.013	U	
		VMP-1-8.5-012319	1/23/2019	0.014	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-1-8.5-043019	4/30/2019	0.033			<0.0038	U		<0 008	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		0.0043	J	
	23.5 ft	VMP-1-23.5-071818	7/18/2018	0.026	J		0.0014	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0 012	U		0 005	J	
		VMP-1-23.5-102218	10/22/2018	0.0061	J		0.0012	J		<0 008	U		<0.012	U		<0.047	U		<0.0026	U		0.017			<0.014	U	
		VMP-1-23.5-102218-DUP	10/22/2018	0.014	J		0.0015	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 011	U		0.0021	J	
		VMP-1-23.5-012319	1/23/2019	0.013	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		0.0034	J		<0.013	U	
		VMP-1-23.5-012319-DUP	1/23/2019	0.02	J		<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0024	U		<0.01	U		0 003	J	
		VMP-1-23.5-043019	4/30/2019	0.035			0.0014	J		<0 008	U		<0.012	U		0 0026	J		<0.0026	U		0.0028	J		<0.014	U	
VMP-2	5 ft	VMP-2-5-072418	7/24/2018	0.018	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-2-5-102418	10/24/2018	0.014	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		<0.014	U	
		VMP-2-5-012319	1/23/2019	0.0083	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-2-5-042619	4/26/2019	0.01	J		0.00091	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.014	U	
	8.5 ft	VMP-2-8.5-072418	7/24/2018	0.022	J		0.0003	J		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		0.0037	J	
		VMP-2-8.5-102418	10/24/2018	0.037			<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-2-8.5-012319	1/23/2019	0.0088	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0 011	U		<0.013	U	
		VMP-2-8.5-042619	4/26/2019	0.015	J		0.022			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.057			0.0047	J	
	22 ft	VMP-2-22-072418	7/24/2018	0.023	J	J	<0.004	U		0.0041	J		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.015	U	
		VMP-2-22-072418-DUP	7/24/2018	0.13		J	0.0017	J		0.0043	J		<0.012	U		<0.047	U		<0.0026	U		0.015			0.0051	J	
		VMP-2-22-102418	10/24/2018	0.0077	J		<0.0034	U		0.0016	J		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-2-22-102418-DUP	10/24/2018	0.015	J		<0.0038	U		0.0012	J		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-2-22-012319	1/23/2019	0.012	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-2-22-042619	4/26/2019	0.018	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0 012	U		<0.015	U	
		VMP-2-22-042619-DUP	4/26/2019	0.018	J		<0.0038	U		<0 008	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
VMP-3	5 ft	VMP-3-5-072318	7/23/2018	0.03			0.00035	J		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0 012	U		0.0059	J	
		VMP-3-5-102918	10/29/2018	0.0097	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0 01	J		<0.014	U	
		VMP-3-5-012419	1/24/2019	0.012	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		0.0048	J		0.0029	J	
		VMP-3-5-042919	4/29/2019	0.049			<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		<0.014	U	
	10 ft	VMP-3-10-072318	7/23/2018	0.023	J		0.00061	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.014	U	
		VMP-3-10-102918	10/29/2018	0.012	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0 011	U		<0.013	U	
		VMP-3-10-020119	2/1/2019	0.02	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0.0037	J	
		VMP-3-10-042919	4/29/2019	0.016	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 011	U		<0.014	U	
	22 ft	VMP-3-22-072318	7/23/2018	0.062			0.00046	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0 012	U		<0.015	U	
		VMP-3-22-102918	10/29/2018	0.046			0.002	J		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		<0 011	U		0 008	J	
		VMP-3-22-012419	1/24/2019	0.013	J		0.0026	J		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		0.0045	J		0.0026	J	
		VMP-3-22-042919	4/29/2019	0.031			0.0021	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 011	U		<0.014	U	
	31.5 ft	VMP-3-31.5-072318	7/23/2018	0.054			0.0022	J		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0 012	U		0.0098	J	
		VMP-3-31.5-102918	10/29/2018	0.012	J		<0.0038	U		<0 008	U		<0.012	U		<0.046	U		<0.0026	U		0.0089	J		<0.014	U	
		VMP-3-31.5-012419	1/24/2019	0.024	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		0.0094	J		<0.013	U	
		VMP-3-31.5-042919	4/29/2019	0.1			0.012			<0 008	U		<0.012	U		<0.046	U		<0.0026	U		0.0073	J		0 012	J	
	39 ft	VMP-3-39-072318	7/23/2018	0.099			0.0028	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.0083	J		0 015	J	
		VMP-3-39-102918	10/29/2018	0.0083	J		0.0015	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 011	U		<0.014	U	
		VMP-3-39-012419	1/24/2019	0.01	J		0.00095	J		<0 007	U		<0.011	U		<0.041	U		<0.0023	U		0.012			0.0017	J	
		VMP-3-39-012419-DUP	1/24/2019	0.01	J		0.002	J		<0.0069	U		<0.011	U		<0.04	U		<0.0023	U		0.013			0.0021	J	
VMP-4	5 ft	VMP-4-5-072318	7/23/2018	0.017	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0.0028	J	
		VMP-4-5-102918	10/29/2018	0.013	J		0.0012	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		0.013			<0.014	U	
		VMP-4-5-012119	1/21/2019	0.013	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U	UJ	<0.013	U	
		VMP-4-5-043019	4/30/2019	0.016	J		0.0007	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0.0046	J	
	12 ft	VMP-4-12-072318	7/23/2018	0.024	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		0.0039	J	
		VMP-4-12-102918	10/29/2018	0.012	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0 012	U		0.0039	J	
		VMP-4-12-012119	1/21/2019	0.029			<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U	UJ	0 002	J	
		VMP-4-12-043019	4/30/2019	0.014	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0 013	U		<0.016	U	
	23.5 ft	VMP-4-23.5-072318	7/23/2018	0.068			0.00078	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.032			0.0079	J	
		VMP-4-23.5-072318-DUP	7/23/2018	0.039			0.00068	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		0.035			0.0043	J	
		VMP-4-23.5-102918	10/29/2018	0.012	J		<0.0038	U		<0 008	U		<0.012	U		<0.047	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-4-23.5-012119	1/21/2019	0.0094	J		<0.0033	U		<0 007	U		<0.011	U		<0.04	U		<0.0023	U		<0.0099	U	UJ	<0.012	U	
		VMP-4-23.5-043019	4/30/2019	0.013	J		0.0012	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.0057	J		<0.015	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
HISTORICAL 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			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-5	5 ft	VMP-5-5-071818	7/18/2018	0.031			<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0 012	U		0.0038	J	
		VMP-5-5-101918	10/19/2018	0.011	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		<0.013	U	
		VMP-5-5-012219	1/22/2019	0.013	J		0.0021	J		<0 007	U		<0.011	U		<0.04	U		<0.0023	U		<0.0099	U		<0.012	U	
		VMP-5-5-050119	5/1/2019	0.07			<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0 012	U		<0.016	U	
	12.5 ft	VMP-5-12.5-071818	7/18/2018	0.025	J		0.0012	J		0.0034	J		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.015	U	
		VMP-5-12.5-101918	10/19/2018	0.018	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		0.0041	J	
		VMP-5-12.5-012219	1/22/2019	0.0085	J		<0.0036	U		0.0081			<0.012	U		<0.043	U		<0.0025	U		<0 011	U		<0.013	U	
		VMP-5-12.5-050119	5/1/2019	0.022	J		<0.004	U		0 012			<0.013	U		<0.049	U		<0.0028	U		<0 012	U		0 004	J	
	31 ft	VMP-5-31-071818	7/18/2018	0.017	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0 012	U		<0.015	U	
		VMP-5-31-101918	10/19/2018	0.0084	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		<0 011	U		<0.014	U	
		VMP-5-31-012219	1/22/2019	0.033			<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0 011	U		0.0034	J	
		VMP-5-31-050119	5/1/2019	0.015	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0 012	U		<0.015	U	
	40 ft	VMP-5-40-071818	7/18/2018	0.024	J		0.0039	J		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0 012	U		0.0027	J	
		VMP-5-40-101918	10/19/2018	0.0074	J		0.0016	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.0056	J		<0.014	U	
		VMP-5-40-020419	2/4/2019	0.02	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0.0037	J	
		VMP-5-40-050119	5/1/2019	0.04			<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0 011	U		<0.013	U	
VMP-6	5 ft	VMP-6-5-071918	7/19/2018	0.025	J		0.00048	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		0.0049	J	
		VMP-6-5-102218	10/22/2018	0.022	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0 012	U		<0.015	U	
		VMP-6-5-013119	1/31/2019	0.0089	J		0.0094			<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		0.045			0.0019	J	
		VMP-6-5-042519	4/25/2019	0.058			0.0012	J		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		<0.013	U	
	10 ft	VMP-6-10-071918	7/19/2018	0.038			<0.0039	U		0.0013	J		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0.0097	J	
		VMP-6-10-102218	10/22/2018	0.041			<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.0093	J		0.0041	J	
		VMP-6-10-012219	1/22/2019	0.011	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-6-10-042519	4/25/2019	0.014	J		<0.0038	U		<0 008	U		<0.012	U		<0.047	U		<0.0026	U		<0 011	U		<0.014	U	
	31.5 ft	VMP-6-31.5-071918	7/19/2018	0.019	J		0.00054	J		0.0011	J		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		<0.014	U	
		VMP-6-31.5-102218	10/22/2018	0.017	J		<0.0038	U		<0 008	U		<0.012	U		<0.047	U		<0.0026	U		0.011	J		0.0033	J	
		VMP-6-31.5-020119	2/1/2019	0.018	J		0.1			<0 015	U		<0.023	U		<0.087	U		<0.005	U		0 28			<0.026	U	
		VMP-6-31.5-042519	4/25/2019	0.017	J		0.045			<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.0051	J		<0.015	U	
	39 ft	VMP-6-39-071918	7/19/2018	0.017	J		0.00048	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.014	U	
		VMP-6-39-102218	10/22/2018	0.017	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		0.0036	J	
		VMP-6-39-012219	1/22/2019	0.0079	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-6-39-042519	4/25/2019	0.011	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		<0.014	U	
VMP-7	5 ft	VMP-7-5-071918	7/19/2018	0.081			0.00031	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		0.0041	J	
		VMP-7-5-102218	10/22/2018	0.016	J		<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0 012	U		<0.015	U	
		VMP-7-5-012219	1/22/2019	0.02	J		<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0024	U		<0.01	U		0.0036	J	
		VMP-7-5-042519	4/25/2019	0.03			<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0 012	U		<0.015	U	
	13.5 ft	VMP-7-13.5-071918	7/19/2018	0.045			<0.0038	U		<0 008	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		0 004	J	
		VMP-7-13.5-102218	10/22/2018	0.025	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.0093	J		<0.014	U	
		VMP-7-13.5-020119	2/1/2019	0.011	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		<0.014	U	
		VMP-7-13.5-042519	4/25/2019	0.013	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		<0.014	U	
	29.5 ft	VMP-7-29.5-071918	7/19/2018	0.011	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		<0.014	U	
		VMP-7-29.5-102218	10/22/2018	0.021	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0.0043	J	
		VMP-7-29.5-020119	2/1/2019	0.034			<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		0.0036	J	
		VMP-7-29.5-042519	4/25/2019	0.018	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0 014	U		<0.017	U	
	38 ft	VMP-7-38-071918	7/19/2018	0.018	J		0.00044	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0.0034	J	
		VMP-7-38-071918-DUP	7/19/2018	0.021	J		0.001	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.0092	J		<0.014	U	
		VMP-7-38-102218	10/22/2018	0.01	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0 013	U		<0.016	U	
		VMP-7-38-012219	1/22/2019	0.014	J		<0.0034	U		<0 007	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		<0.012	U	
		VMP-7-38-042519	4/25/2019	0.04			<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0 012	U		<0.015	U	
		VMP-7-38-042519-DUP	4/25/2019	0.031			<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		0.0031	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
HISTORICAL 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			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-072518	7/25/2018	0.024	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 011	U		<0.014	U	
		VMP-8-5-102418	10/24/2018	0.021	J		0.002	J		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-8-5-011819	1/18/2019	0.0087	J		<0.0034	U		<0 007	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		<0.012	U	
		VMP-8-5-042419	4/24/2019	0.01	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		<0.014	U	
	9.5 ft	VMP-8-9.5-072518	7/25/2018	0.04			<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0 012	U		0.0065	J	
		VMP-8-9.5-102418	10/24/2018	0.0026	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-8-9.5-011819	1/18/2019	0.008	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-8-9.5-042419	4/24/2019	0.016	J		0.077			<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.14			<0.014	U	
	23.5 ft	VMP-8-23.5-072518	7/25/2018	0.12			<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0 012	U		0.0059	J	
		VMP-8-23.5-102418	10/24/2018	0.012	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		<0 011	U		<0.014	U	
		VMP-8-23.5-011819	1/18/2019	0.016	J		0.0025	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.0061	J		0 003	J	
		VMP-8-23.5-022719R	2/27/2019	0.027			0.0018	J		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		0.0055	J	
		VMP-8-23.5-042419	4/24/2019	0.018	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		<0.014	U	
	35.5 ft	VMP-8-35.5-072518	7/25/2018	0.055			<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0 012	U		0.01	J	
		VMP-8-35.5-072518-DUP	7/25/2018	0.021	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 011	U		<0.014	U	
		VMP-8-35.5-102418	10/24/2018	0.036			<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		0.0032	J	
		VMP-8-35.5-011819	1/18/2019	0.0071	J		<0.0033	U		<0 007	U		<0.011	U		<0.04	U		<0.0023	U		<0.0099	U		<0.012	U	
		VMP-8-35.5-042419	4/24/2019	0.01	J		0.0023	J		<0 008	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-8-35.5-042419-DUP	4/24/2019	0.011	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		<0.014	U	
VMP-9	5 ft	VMP-9-5-071918	7/19/2018	0.038			0.00053	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0 012	U		0.0075	J	
		VMP-9-5-102318	10/23/2018	0.012	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.014	U	
		VMP-9-5-012519	1/25/2019	0.0083	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-9-5-042419	4/24/2019	0.066			<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0.0041	J	
	11.5 ft	VMP-9-11.5-071918	7/19/2018	0.022	J		0.00052	J		0.0011	J		<0.014	U		<0.051	U		<0.0029	U		<0 012	U		<0.015	U	
		VMP-9-11.5-102318	10/23/2018	0.011	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0 012	U		<0.014	U	
		VMP-9-11.5-013119	1/31/2019	0.017	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-9-11.5-042419	4/24/2019	0.084			<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0 013	J	
	25.5 ft	VMP-9-25.5-071918	7/19/2018	0.021	J		0.00034	J		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0 012	U		0.0034	J	
		VMP-9-25.5-102318	10/23/2018	0.02	J		0.001	J		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		<0 011	U		<0.014	U	
		VMP-9-25.5-011819	1/18/2019	0.012	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-9-25.5-042419	4/24/2019	0.015	J		<0.0036	U		<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		<0.013	U	
	38.5 ft	VMP-9-38.5-071918	7/19/2018	0.051			0.0019	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0 012	U		0.0053	J	
		VMP-9-38.5-102318	10/23/2018	0.14			<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0079	J	
		VMP-9-38.5-011819	1/18/2019	0.0081	J		<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0024	U		<0.01	U		<0.012	U	
		VMP-9-38.5-011819-DUP	1/18/2019	0.012	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-9-38.5-042419	4/24/2019	0.013	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		<0.014	U	
		VMP-9-38.5-042419-DUP	4/24/2019	0.011	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.014	U	
VMP-18	8.5 ft	VMP-18-8.5-080718	8/7/2018	0.069			<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		0.0056	J	
		VMP-18-8.5-102618	10/26/2018	0.009	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		<0.013	U	
		VMP-18-8.5-012519	1/25/2019	0.047			<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-18-8.5-043019	4/30/2019	0.015	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.014	U	
VMP-19	5 ft	VMP-19-5-073018	7/30/2018	0.021	J		0.00066	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-19-5-073018-DUP	7/30/2018	0.044			0.00064	J		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0 011	U		<0.013	U	
		VMP-19-5-103118	10/31/2018	0.01	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0 012	U		<0.015	U	
		VMP-19-5-103118-DUP	10/31/2018	0.0072	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-19-5-012219	1/22/2019	0.026			<0.0033	U		<0.0069	U		<0.011	U		<0.04	U		<0.0023	U		<0.0098	U		0.0037	J	
		VMP-19-5-043019	4/30/2019	0.033			<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0 005	J	
		VMP-19-5-043019-Dup	4/30/2019	0.026	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.014	U	
VMP-20	5 ft	VMP-20-5-071818	7/18/2018	0.024	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0 012	U		<0.014	U	
		VMP-20-5-102418	10/24/2018	0.0032	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0 011	U		<0.013	U	
		VMP-20-5-012119	1/21/2019	0.51	J		0.057	J		<0.34	U		<0.53	U		<2	U		<0.11	U		<0.49	U	UJ	<0.61	U	
		VMP-20-5-042619	4/26/2019	0.024	J		0.0026	J		<0 016	U		<0.024	U		<0.092	U		<0.0052	U		<0 022	U		<0.028	U	
	10 ft	VMP-20-10-071818	7/18/2018	0.097			<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		0.0046	J	
		VMP-20-10-102418	10/24/2018	0.017	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		<0.013	U	
		VMP-20-10-012119	1/21/2019	<0.33	U		0.013	J		<0 094	U		<0.14	U		<0.54	U		<0.031	U		<0.13	U	UJ	<0.16	U	
		VMP-20-10-042619	4/26/2019	0.01	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.014	U	
	25 ft	VMP-20-25-071818	7/18/2018	0.012	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		<0.014	U	
		VMP-20-25-102418	10/24/2018	0.0086	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0 011	U		<0.013	U	
		VMP-20-25-012119	1/21/2019	0.0061	J		0.0012	J		<0 007	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U	UJ	<0.012	U	
		VMP-20-25-012119-DUP	1/21/2019	0.012	J		0.00084	J		<0 007	U		<0.011	U		<0.04	U		<0.0023	U		<0.0099	U	UJ	<0.012	U	
		VMP-20-25-042619	4/26/2019	0.019	J		<0.0038	U		<0 008	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
	39.5 ft	VMP-20-39.5-071818	7/18/2018	0.031			<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0.0042	J	
		VMP-20-39.5-071818-DUP	7/18/2018	0.021	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0 012	U		0.0031	J	
		VMP-20-39.5-102418	10/24/2018	0.016	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.014	U	
		VMP-20-39.5-020519	2/5/2019	0.13			0.0023	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0.0067	J	
		VMP-20-39.5-042619	4/26/2019	0.021	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		<0.013	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
HISTORICAL 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			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-21	5 ft	VMP-21-5-072318	7/23/2018	0.082			<0.0038	U		<0 008	U		<0.012	U		<0.047	U		<0.0026	U		<0 011	U		0.0061	J	
		VMP-21-5-102318	10/23/2018	0.0094	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		<0.013	U	
		VMP-21-5-012119	1/21/2019	0.015	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U	UJ	<0.013	U	
		VMP-21-5-042619	4/26/2019	0.033			<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.014	U	
	10 ft	VMP-21-10-072318	7/23/2018	0.02	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		0.0027	J	
		VMP-21-10-102318	10/23/2018	0.02	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		<0 011	U		0.0039	J	
		VMP-21-10-012119	1/21/2019	0.013	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U	UJ	<0.014	U	
		VMP-21-10-042619	4/26/2019	0.16			<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0 009	J	
	25 ft	VMP-21-25-072318	7/23/2018	0.053			0.0047			<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		0.017			0.0051	J	
		VMP-21-25-102318	10/23/2018	0.027			<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		0.011			0.0023	J	
		VMP-21-25-012119	1/21/2019	0.0089	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U	UJ	<0.014	U	
		VMP-21-25-042619	4/26/2019	0.031			<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		0 004	J	
	33 ft	VMP-21-33-072318	7/23/2018	0.022	J		0.0038	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.013			0.0034	J	
		VMP-21-33-102318	10/23/2018	0.023	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0058	J	
		VMP-21-33-102318-DUP	10/23/2018	0.011	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-21-33-012119	1/21/2019	0.0097	J		<0.0038	U		<0 008	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U	UJ	0.0028	J	
		VMP-21-33-012119-DUP	1/21/2019	0.024			0.001	J		<0.0069	U		<0.01	U		<0.04	U		<0.0023	U		0.005	J	J	0.0036	J	
		VMP-21-33-042619	4/26/2019	0.017	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		<0.014	U	
VMP-22	5 ft	VMP-22-5-071818	7/18/2018	0.073			<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0 005	J	
		VMP-22-5-101918	10/19/2018	0.011	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0 011	U		<0.013	U	
		VMP-22-5-012819	1/28/2019	0.0096	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		0.0018	J	
		VMP-22-5-043019	4/30/2019	0.0074	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		<0 011	U		<0.014	U	
	10 ft	VMP-22-10-071818	7/18/2018	0.024	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0 012	U		0.0058	J	
		VMP-22-10-101918	10/19/2018	0.02	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		0.0052	J	
		VMP-22-10-012819	1/28/2019	0.006	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		<0.014	U	
	18 ft	VMP-22-18-071818	7/18/2018	0.027	J		<0.004	U		0.0085			<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0.0032	J	
		VMP-22-18-101918	10/19/2018	0.0064	J		<0.0035	U		0 012			<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-22-18-012819	1/28/2019	0.015	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		0.0063	J		0.0018	J	
		VMP-22-18-043019	4/30/2019	0.0084	J		<0.0037	U		0.0039	J		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		<0.014	U	
	38 ft	VMP-22-38-071818	7/18/2018	0.069		J	0.018		J	<0 011	U		<0.017	U		<0.066	U		<0.0037	U		0.036		J	0.0098	J	
		VMP-22-38-071818-DUP	7/18/2018	0.1		J	0.00067	J	J	<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U	UJ	0.0069	J	
		VMP-22-38-101918	10/19/2018	0.0051	J		0 02			<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		0.043			<0.013	U	
		VMP-22-38-012819	1/28/2019	0.012	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.0068	J		<0.014	U	
		VMP-22-38-012819-DUP	1/28/2019	0.017	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		0.0055	J		<0.015	U	
		VMP-22-38-043019	4/30/2019	0.028			0.0048			<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.003	J		0.0043	J	
VMP-23	5 ft	VMP-23-5-071718	7/17/2018	0.0064	J		<0.0042	U		0.0011	J		<0.014	U		<0.051	U		<0.0029	U		<0 012	U		<0.015	U	
		VMP-23-5-101918	10/19/2018	0.013	J		0.0035			<0.0072	U		0.0015	J		<0.042	U		<0.0024	U		0.0065	J		<0.013	U	
		VMP-23-5-012319	1/23/2019	0.0081	J		<0.0036	U		<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		<0.013	U	
		VMP-23-5-042919	4/29/2019	0.031			0.005			<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		0 01	J		<0.014	U	
	10 ft	VMP-23-10-071718	7/17/2018	0.023	J		0.00046	J		0.0028	J		<0.013	U		<0.049	U		<0.0028	U		<0 012	U		<0.015	U	
		VMP-23-10-101918	10/19/2018	0.026	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.014	U	
		VMP-23-10-012319	1/23/2019	0.014	J		0.0028	J		0 004	J		<0.011	U		<0.042	U		<0.0024	U		0.021			<0.013	U	
		VMP-23-10-042919	4/29/2019	0.022	J		<0.0038	U		0.0043	J		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
	25 ft	VMP-23-25-071718	7/17/2018	0.0077	J		<0.0039	U		0.0024	J		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		<0.014	U	
		VMP-23-25-101918	10/19/2018	0.015	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-23-25-012319	1/23/2019	0.012	J		<0.0036	U		0.0024	J		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		<0.013	U	
		VMP-23-25-042919	4/29/2019	0.01	J		<0.0038	U		0.0054	J		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
	40 ft	VMP-23-40-071718	7/17/2018	0.087		J	<0.004	U		0.0025	J		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.015	U	
		VMP-23-40-071718-DUP	7/17/2018	0.012	J	J	0.00039	J		0.0022	J		<0.013	U		<0.047	U		<0.0027	U		<0 012	U		<0.014	U	
		VMP-23-40-101918	10/19/2018	0.0062	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-23-40-101918-DUP	10/19/2018	0.0096	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-23-40-012319	1/23/2019	0.011	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-23-40-012319-DUP	1/23/2019	0.018	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		0.012			0.0036	J	
		VMP-23-40-042919	4/29/2019	0.019	J		<0.0042	U		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0 012	U		<0.015	U	
		VMP-23-40-042919-DUP	4/29/2019	0.025	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0 012	U		<0.015	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
HISTORICAL 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			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-072018	7/20/2018	0.062			0.0027	J		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		0.0048	J	
		VMP-24-5-102518	10/25/2018	0.018	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		0.0037	J	
		VMP-24-5-012419	1/24/2019	0.012	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-24-5-012419-DUP	1/24/2019	0.0075	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		<0 011	U		<0.014	U	
		VMP-24-5-042419	4/24/2019	0.02	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.014	U	
	10 ft	VMP-24-10-072018	7/20/2018	0.027	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-24-10-102518	10/25/2018	0.018	J		0.018			<0 014	U		<0.021	U		<0.08	U		<0.0046	U		<0.02	U		<0.024	U	
		VMP-24-10-012419	1/24/2019	0.0057	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-24-10-042419	4/24/2019	0.015	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.014	U	
	22 ft	VMP-24-22-072018	7/20/2018	0.03			<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		0.0046	J	
		VMP-24-22-102518	10/25/2018	0.012	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		0.011			<0.013	U	
		VMP-24-22-012419	1/24/2019	0.017	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		0.0021	J	
		VMP-24-22-042419	4/24/2019	0.023	J		<0.0038	U		<0 008	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
	34 ft	VMP-24-34-072018	7/20/2018	0.07			<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 011	U		0.0087	J	
		VMP-24-34-072018-DUP	7/20/2018	0.11			<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0 012	U		0 007	J	
		VMP-24-34-102518	10/25/2018	0.0082	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0 011	U		<0.013	U	
		VMP-24-34-102518-DUP	10/25/2018	0.013	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-24-34-012419	1/24/2019	0.01	J		<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		<0.012	U	
		VMP-24-34-042419	4/24/2019	0.021	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		<0.014	U	
VMP-32	5 ft	VMP-32-5-072318	7/23/2018	0.043			0.00081	J		<0 008	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		0.01	J	
		VMP-32-5-012319	1/23/2019	0.032			<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-32-5-043019	4/30/2019	0.1			0.016			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		0 016		
	10 ft	VMP-32-10-072318	7/23/2018	0.017	J		0.00035	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.014	U	
		VMP-32-10-102518	10/25/2018	0.013	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		0.0023	J	
		VMP-32-10-012319	1/23/2019	0.0073	J		<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0024	U		<0.01	U		<0.012	U	
		VMP-32-10-043019	4/30/2019	0.0075	J		<0.0038	U		<0 008	U		<0.012	U		<0.047	U		<0.0026	U		<0 011	U		<0.014	U	
	20 ft	VMP-32-20-072318	7/23/2018	0.029			<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0.0047	J	
		VMP-32-20-102518	10/25/2018	0.011	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-32-20-012319	1/23/2019	0.027			<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		0.0035	J		0.0023	J	
		VMP-32-20-043019	4/30/2019	0.015	J		0.0024	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		<0.014	U	
	30 ft	VMP-32-30-072318	7/23/2018	0.013	J		0.0003	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-32-30-102518	10/25/2018	0.03			<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		<0.014	U	
		VMP-32-30-012319	1/23/2019	0.0051	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-32-30-050319	5/3/2019	0.064			0.008			<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0 012	J	
VMP-42	10 ft	VMP-42-10-072318	7/23/2018	0.022	J		<0.0038	U		<0 008	U		<0.012	U		<0.047	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-42-10-102218	10/22/2018	0.015	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-42-10-012519	1/25/2019	0.023	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-42-10-050119	5/1/2019	0.016	J		0.032			<0 008	U		<0.012	U		<0.046	U		<0.0026	U		0.15			<0.014	U	
	20 ft	VMP-42-20-072318	7/23/2018	0.31			<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0 012	U		0.0074	J	
		VMP-42-20-102218	10/22/2018	0.034			<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0 012	U		<0.015	U	
		VMP-42-20-020519	2/5/2019	0.019	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0 012	U		0.0025	J	
		VMP-42-20-050119	5/1/2019	0.018	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0 012	U		<0.015	U	
	30 ft	VMP-42-30-072318	7/23/2018	0.057		J	<0.0038	U		<0 008	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-42-30-072318-DUP	7/23/2018	0.14		J	0.00074	J		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.0039	J		0.0069	J	
		VMP-42-30-102218	10/22/2018	0.016	J		0.036			0.21			<0.012	U		<0.045	U		<0.0026	U		0.15			0.0036	J	
		VMP-42-30-112818	11/28/2018	0.0052	J		0.0011	J		0 061			<0.011	U		<0.04	U		<0.0023	U		0.0059	J		<0.012	U	
		VMP-42-30-012519	1/25/2019	0.02	J		<0.0034	U		0.0071	J		<0.011	U		<0.041	U		<0.0024	U		<0.01	U		<0.012	U	
		VMP-42-30-050119	5/1/2019	0.05			0.029			<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		0.0058	J	
VMP-43	10 ft	VMP-43-10-071818	7/18/2018	0.01	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		<0.014	U	
		VMP-43-10-102918	10/29/2018	0.018	J		0.0011	J		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.011	J		<0.014	U	
		VMP-43-10-012919	1/29/2019	0.07			<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0 011	U		<0.013	U	
		VMP-43-10-042919	4/29/2019	0.02	J		<0.0038	U		<0 008	U		<0.012	U		<0.047	U		<0.0026	U		<0 011	U		0.0071	J	
	20 ft	VMP-43-20-071818	7/18/2018	0.029	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0 012	U		0.0049	J	
		VMP-43-20-102918	10/29/2018	0.031			<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0.0092	J	
		VMP-43-20-012919	1/29/2019	0.077			<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0024	U		0.13			0.0037	J	
		VMP-43-20-042919	4/29/2019	0.022	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0 012	U		<0.015	U	
	30 ft	VMP-43-30-071818	7/18/2018	0.04			<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0 012	U		0.0095	J	
		VMP-43-30-102918	10/29/2018	0.034			<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		0.0075	J	
		VMP-43-30-012919	1/29/2019	0.014	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-43-30-012919-DUP	1/29/2019	0.023	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0 011	U		0.0033	J	
		VMP-43-30-042919	4/29/2019	0.011	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0 012	U		<0.015	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
HISTORICAL 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			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-071818	7/18/2018	0.022	J		0.0023	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0 012	U		0.0037	J	
		VMP-44-10-102518	10/25/2018	0.02	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		0 005	J	
		VMP-44-10-012219	1/22/2019	0.022	J		<0.0033	U		<0 007	U		<0.011	U		<0.04	U		<0.0023	U		<0.0099	U		0.0041	J	
		VMP-44-10-042919	4/29/2019	0.014	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
	20 ft	VMP-44-20-071818	7/18/2018	0.03			<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		0.0046	J	
		VMP-44-20-102518	10/25/2018	0.029			<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		0.0023	J	
		VMP-44-20-020419	2/4/2019	0.13			<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		0.0041	J	
		VMP-44-20-020419-DUP	2/4/2019	0.04			<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0038	J		<0.015	U	
		VMP-44-20-042919	4/29/2019	0.016	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 011	U		<0.014	U	
	30 ft	VMP-44-30-071818	7/18/2018	0.034			<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0.0048	J	
		VMP-44-30-102518	10/25/2018	0.019	J		<0.0038	U		<0 008	U		<0.012	U		<0.047	U		<0.0026	U		<0 011	U		0.0036	J	
		VMP-44-30-012219	1/22/2019	0.011	J		<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0024	U		<0.01	U		<0.012	U	
		VMP-44-30-042919	4/29/2019	0.016	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0 012	U		<0.014	U	
VMP-45	10 ft	VMP-45-10-071918	7/19/2018	0 8			0.022			<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0 032		
		VMP-45-10-102518	10/25/2018	0.013	J		<0.0038	U		<0 008	U		<0.012	U		<0.047	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-45-10-012219	1/22/2019	0.0093	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-45-10-042519	4/25/2019	0.027	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		0 003	J	
	20 ft	VMP-45-20-071918	7/19/2018	0.018	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.014	U	
		VMP-45-20-102518	10/25/2018	0.018	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		0.016			0 005	J	
		VMP-45-20-012219	1/22/2019	0.018	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		0.016			0.0025	J	
		VMP-45-20-042519	4/25/2019	0.0087	J		<0.0038	U		<0 008	U		<0.012	U		<0.047	U		<0.0026	U		<0 011	U		<0.014	U	
	30 ft	VMP-45-30-071918	7/19/2018	0.12			0.00037	J		<0 008	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		0.0068	J	
		VMP-45-30-102518	10/25/2018	0.015	J		<0.0038	U		<0 008	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		0.0034	J	
		VMP-45-30-012219	1/22/2019	0.01	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-45-30-042519	4/25/2019	0.024	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0 012	U		<0.015	U	
		VMP-45-30-052819R	5/28/2019	0.035			0.0041	J		0.0033	J		<0.014	U		<0.051	U		<0.0029	U		0.019			0.0041	J	
VMP-47	5 ft	VMP-47-5-071918	7/19/2018	0.018	J		0.0013	J		0.0028	J		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-47-5-102318	10/23/2018	0.012	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		0.0028	J	
		VMP-47-5-012919	1/29/2019	0.02	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0 011	U		<0.013	U	
		VMP-47-5-042519	4/25/2019	0.034			<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 011	U		0.0042	J	
	10 ft	VMP-47-10-071918	7/19/2018	0.028			0.00046	J		0 051			<0.012	U		<0.046	U		<0.0026	U		<0 011	U		0 006	J	
		VMP-47-10-102318	10/23/2018	0.016	J		<0.0038	U		0.0077	J		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		0.0042	J	
		VMP-47-10-012919	1/29/2019	0.013	J		<0.0038	U		0 014			<0.012	U		<0.046	U		<0.0026	U		<0 011	U		0.0029	J	
		VMP-47-10-042519	4/25/2019	0.0099	J		<0.0035	U		0 021			<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
	20 ft	VMP-47-20-071918	7/19/2018	0.023	J		0.00036	J		0.0072	J		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		0.0038	J	
		VMP-47-20-102318	10/23/2018	0.0079	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-47-20-012919	1/29/2019	0.01	J		<0.0033	U		0.0026	J		<0.01	U		<0.04	U		<0.0023	U		<0.0097	U		<0.012	U	
		VMP-47-20-042519	4/25/2019	0.028	J		<0.004	U		0.0058	J		<0.013	U		<0.049	U		<0.0028	U		<0 012	U		<0.015	U	
	30 ft	VMP-47-30-071918	7/19/2018	0.019	J		0.00037	J		0 021			<0.012	U		<0.047	U		<0.0027	U		<0 012	U		0.0034	J	
		VMP-47-30-102318	10/23/2018	0.018	J		<0.0038	U		0.0058	J		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-47-30-050319	5/3/2019	0.018	J		<0.0038	U		0 012			<0.012	U		<0.047	U		<0.0026	U		<0 011	U		<0.014	U	
VMP-48	5 ft	VMP-48-5-072418	7/24/2018	0.026			0.00029	J		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0 011	U		0.0042	J	
		VMP-48-5-102418	10/24/2018	0.011	J		<0.0038	U		<0 008	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-48-5-012319	1/23/2019	0.058			<0.0036	U		<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		0.0054	J	
		VMP-48-5-042619	4/26/2019	0.014	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.014	U	
	10 ft	VMP-48-10-072418	7/24/2018	0.035			0.037			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.089			<0.015	U	
		VMP-48-10-102418	10/24/2018	0.01	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-48-10-012319	1/23/2019	0.011	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-48-10-042619	4/26/2019	0.0071	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		<0.014	U	
	20 ft	VMP-48-20-102418	10/24/2018	0.033			<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0.0044	J	
		VMP-48-20-012319	1/23/2019	0.027			<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		0.0071	J	
	30 ft	VMP-48-30-072418	7/24/2018	0.024	J		0.0014	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0.0053	J	
		VMP-48-30-102418	10/24/2018	0.019	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.0065	J		0.01	J	
		VMP-48-30-012319	1/23/2019	<0.026	U		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-48-30-042619	4/26/2019	0.0085	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		<0.014	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
HISTORICAL 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			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-49	5 ft	VMP-49-5-072018	7/20/2018	0.017	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.015	U	
		VMP-49-5-102318	10/23/2018	0.014	J		<0.0038	U		<0 008	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-49-5-020119	2/1/2019	0.0079	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0 011	U		<0.013	U	
		VMP-49-5-042919	4/29/2019	0.02	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0099	J		<0.015	U	
	10 ft	VMP-49-10-072018	7/20/2018	0.036			0.0023	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0 012	U		0 006	J	
		VMP-49-10-102318	10/23/2018	0.021	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 011	U		0.0048	J	
		VMP-49-10-012119	1/21/2019	0.028			<0.0034	U		0.0014	J		<0.011	U		<0.041	U		<0.0023	U		<0.01	U	UJ	0.0079	J	
		VMP-49-10-042919	4/29/2019	0.017	J		0.0056			<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.029			<0.014	U	
	20 ft	VMP-49-20-072018	7/20/2018	0.044			0.0032	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0 012	U		<0.015	U	
		VMP-49-20-102318	10/23/2018	0.012	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0.0028	J	
		VMP-49-20-012119	1/21/2019	0.0051	J		<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U	UJ	<0.012	U	
		VMP-49-20-042919	4/29/2019	0.014	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.015			<0.014	U	
	30 ft	VMP-49-30-072018	7/20/2018	0.022	J		0.0013	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0 012	U		<0.015	U	
		VMP-49-30-102318	10/23/2018	0.023	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 011	U		0.0035	J	
		VMP-49-30-012119	1/21/2019	0.0059	J		<0.0033	U		<0 007	U		<0.011	U		<0.04	U		<0.0023	U		<0.0099	U	UJ	<0.012	U	
		VMP-49-30-042919	4/29/2019	0.013	J		0.016		J	<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0 28		J	<0.014	U	
		VMP-49-30-042919-DUP	4/29/2019	0.016	J		<0.0041	U	UJ	<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		0.027		J	<0.015	U	
VMP-50	5 ft	VMP-50-5-072618	7/26/2018	0.05			<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0 012	U		0.0053	J	
		VMP-50-5-103018	10/30/2018	0.01	J		<0.0038	U		<0 008	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		0 003	J	
		VMP-50-5-020519	2/5/2019	0.016	J		0.0083			<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.014	U	
		VMP-50-5-042919	4/29/2019	0.042			<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		0.0035	J	
	10 ft	VMP-50-10-072618	7/26/2018	0.013	J		<0.004	U		0.0071	J		<0.013	U		<0.049	U		<0.0028	U		<0 012	U		<0.015	U	
		VMP-50-10-103018	10/30/2018	0.055			<0.0039	U		0.0048	J		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0.0034	J	
		VMP-50-10-012519	1/25/2019	0.0083	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-50-10-042919	4/29/2019	0.019	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0 012	U		<0.015	U	
	20 ft	VMP-50-20-072618	7/26/2018	0.0097	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0 012	U		<0.015	U	
		VMP-50-20-103018	10/30/2018	0.032			<0.0041	U		0 003	J		<0.013	U		<0.05	U		<0.0028	U		0.0042	J		0.0096	J	
		VMP-50-20-020119	2/1/2019	0.0091	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-50-20-042919	4/29/2019	0.018	J		0.054			<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		0.048			<0.014	U	
	30 ft	VMP-50-30-072618	7/26/2018	<0.58	U		<0.078	U		<0.16	U		<0.25	U		<0.96	U		<0.054	U		12			<0.29	U	
		VMP-50-30-103018	10/30/2018	0.023	J	J	<0.0038	U		<0 008	U		<0.012	U		<0.046	U		<0.0026	U		15			0 004	J	J
		VMP-50-30-012519	1/25/2019	<0.53	U		<0.072	U		<0.15	U		<0.23	U		<0.87	U		<0 05	U		13			<0.26	U	
		VMP-50-30-012519-DUP	1/25/2019	<0.49	U		<0.065	U		<0.14	U		<0.21	U		<0 8	U		<0.045	U		13			<0.24	U	
		VMP-50-30-042919	4/29/2019	<0.29	U		<0.039	U		<0 082	U		<0.13	U		<0.48	U		<0.027	U		15			<0.14	U	
VMP-51	5 ft	VMP-51-5-071718	7/17/2018	0.014	J		0.0012	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0 012	U		<0.015	U	
		VMP-51-5-101918	10/19/2018	0.0057	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		<0 011	U		<0.014	U	
		VMP-51-5-012319	1/23/2019	0.014	J		0.0026	J		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		0.014			0.0044	J	
		VMP-51-5-050119	5/1/2019	0.011	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0 012	U		<0.016	U	
	10 ft	VMP-51-10-071718	7/17/2018	0.059			<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0 012	U		<0.015	U	
		VMP-51-10-101918	10/19/2018	0.013	J		<0.0035	U		0.0012	J		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-51-10-012319	1/23/2019	0.041			<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0048	J	
		VMP-51-10-050119	5/1/2019	0.022	J		0.0073			<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		0.017			0 005	J	
	20 ft	VMP-51-20-071718	7/17/2018	0.17			<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0 012	U		0.0059	J	
		VMP-51-20-101918	10/19/2018	0.0099	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		0 003	J	
		VMP-51-20-012319	1/23/2019	0.014	J		0.002	J		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-51-20-050119	5/1/2019	0.011	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
	30 ft	VMP-51-30-071718	7/17/2018	0.016	J		0.00096	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0 012	U		<0.015	U	
		VMP-51-30-071718-DUP	7/17/2018	0.0093	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0 012	U		<0.015	U	
		VMP-51-30-101918	10/19/2018	0.0084	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-51-30-101918-DUP	10/19/2018	0.0096	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		<0.013	U	
		VMP-51-30-012319	1/23/2019	0.0065	J		<0.0034	U		<0 007	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		<0.012	U	
		VMP-51-30-050119	5/1/2019	0.0061	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0 013	U		<0.016	U	
		VMP-51-30-050119-DUP	5/1/2019	0.013	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.014	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
HISTORICAL 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			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-52	5 ft	VMP-52-5-072018	7/20/2018	0.026	J		<0.0038	U		<0 008	U		<0.012	U		<0.047	U		<0.0026	U		<0 011	U		0.0043	J	
		VMP-52-5-102318	10/23/2018	0.0068	J		<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		<0.012	U	
		VMP-52-5-013119	1/31/2019	0.021	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		0.0023	J	
		VMP-52-5-050219	5/2/2019	0.57	J		<0.078	U		<0.16	U		<0.25	U		<0.96	U		<0.054	U		<0.23	U		<0.29	U	
	10 ft	VMP-52-10-072018	7/20/2018	0.018	J		<0.0038	U		<0 008	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-52-10-102318	10/23/2018	0.0029	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		<0.014	U	
		VMP-52-10-013119	1/31/2019	0.0078	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0 011	U		<0.013	U	
	20 ft	VMP-52-20-072018	7/20/2018	0.027	J		0.00076	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0 012	U		0.0061	J	
		VMP-52-20-102318	10/23/2018	0.11			0.0011	J		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-52-20-013119	1/31/2019	0.01	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0019	J	
		VMP-52-20-013119-DUP	1/31/2019	0.01	J		<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0023	U		0.0089	J		<0.012	U	
		VMP-52-20-050219	5/2/2019	0.0081	J		<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0 012	U		<0.015	U	
	30 ft	VMP-52-30-072018	7/20/2018	0.026	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.014	U	
		VMP-52-30-102318	10/23/2018	0.014	J		0.0015	J		<0.0069	U		<0.01	U		<0.04	U		<0.0023	U		<0.0097	U		<0.012	U	
		VMP-52-30-102318-DUP	10/23/2018	0.0066	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-52-30-013119	1/31/2019	0.012	J		0.00089	J		<0.0069	U		<0.011	U		<0.04	U		<0.0023	U		0.0051	J		<0.012	U	
		VMP-52-30-050219	5/2/2019	0.0074	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0 012	U		<0.016	U	
VMP-53	5 ft	VMP-53-5-072518	7/25/2018	0.06			<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0 012	U		0.0043	J	
		VMP-53-5-102318	10/23/2018	0.0087	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-53-5-011819	1/18/2019	0.01	J		<0.0034	U		0.00073	J		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		0.0024	J	
		VMP-53-5-050319	5/3/2019	0.029	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0 012	U		0 004	J	
		VMP-53-5-050319-DUP	5/3/2019	0.029			<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
	10 ft	VMP-53-10-072518	7/25/2018	0.029	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0 012	U		<0.015	U	
		VMP-53-10-102318	10/23/2018	0.0055	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-53-10-011819	1/18/2019	0.0056	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-53-10-050319	5/3/2019	0.1			0.037			<0 028	U		<0.043	U		<0.16	U		<0.0092	U		<0.04	U		0 022	J	
	20 ft	VMP-53-20-072518	7/25/2018	0.028	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0 012	U		<0.015	U	
		VMP-53-20-102318	10/23/2018	0.019	J		0.0015	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.014	U	
		VMP-53-20-011819	1/18/2019	0.01	J		<0.0036	U		<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		0.0024	J	
		VMP-53-20-050319	5/3/2019	1.1	J		<0.43	U		<0.9	U		<1.4	U		<2.1	U		<0.3	U		0 56	J		<1.6	U	
	30 ft	VMP-53-30-072518	7/25/2018	0.041			<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0083	J		0.0036	J	
		VMP-53-30-102318	10/23/2018	0.015	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.014	U	
		VMP-53-30-013119	1/31/2019	0.015	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-53-30-050319	5/3/2019	<0 3	U		<0.04	U		<0 085	U		<0.13	U		<0.49	U		<0.028	U		0 61			<0.15	U	
VMP-54	5 ft	VMP-54-5-072518	7/25/2018	0.041			<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0 013	U		<0.016	U	
		VMP-54-5-102418	10/24/2018	0.02	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0.0032	J	
		VMP-54-5-011819	1/18/2019	0.0072	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-54-5-042419	4/24/2019	0.013	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		<0.013	U	
	10 ft	VMP-54-10-072518	7/25/2018	0.012	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0 012	U		0.0032	J	
		VMP-54-10-102418	10/24/2018	0.028			<0.0038	U		<0 008	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		0.0038	J	
		VMP-54-10-011819	1/18/2019	0.012	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-54-10-042419	4/24/2019	0.014	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0 012	U		<0.016	U	
	20 ft	VMP-54-20-072518	7/25/2018	0.011	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 011	U		<0.014	U	
		VMP-54-20-102418	10/24/2018	0.03			0.0017	J		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.043			0.0039	J	
		VMP-54-20-011819	1/18/2019	0.013	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		0.0018	J	
		VMP-54-20-042419	4/24/2019	0.025	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0 011	U		<0.013	U	
	30 ft	VMP-54-30-072518	7/25/2018	0.025	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0.0043	J	
		VMP-54-30-102418	10/24/2018	0.012	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-54-30-011819	1/18/2019	0.02	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-54-30-042419	4/24/2019	0.029			<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
VMP-56	10 ft	VMP-56-10-072618	7/26/2018	0.029	J		0.00074	J		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U	UJ	0.006	J		0.0063	J	
		VMP-56-10-102918	10/29/2018	0.0073	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		0.0021	J	
		VMP-56-10-012819	1/28/2019	0.018	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0 012	U		0.0024	J	
		VMP-56-10-050119	5/1/2019	0.018	J		0.061			<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0 38			<0.014	U	
	25 ft	VMP-56-25-072618	7/26/2018	0.08			0.00066	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		0 007	J	
		VMP-56-25-102918	10/29/2018	0.035			0.0013	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		0.0068	J	
		VMP-56-25-012819	1/28/2019	0.023	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		0.0026	J	
		VMP-56-25-012819-DUP	1/28/2019	0.016	J		0.00094	J		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		<0 011	U		<0.014	U	
		VMP-56-25-050119	5/1/2019	0.012	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		<0.014	U	
	38.5 ft	VMP-56-38.5-072618	7/26/2018	<120	U		730			<87	U		<130	U		<200	U		<29	U		21000			<150	U	
		VMP-56-38.5-102918	10/29/2018	<23	U		960			<16	U		<25	U		<37	U		<5.3	U		16000			<28	U	
		VMP-56-38.5-012819	1/28/2019	240	J		600			<590	U		<910	U		<1400	U		<200	U		11000			<1000	U	
		VMP-56-38.5-050119	5/1/2019	140	J		880			<330	U		<510	U		<770	U		<110	U		12000			<580	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 5
HISTORICAL 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			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-072418	7/24/2018	0.34			0.00034	J		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.0052	J	
		VMP-62-5-102418	10/24/2018	0.012	J		0.002	J		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0026	J	
		VMP-62-5-012819	1/28/2019	0.019	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-62-5-042619	4/26/2019	0.038			0.00082	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.0037	J		<0.014	U	
	10 ft	VMP-62-10-072418	7/24/2018	0.032			0.00072	J		0.0034	J		<0.013	U		<0.049	U		<0.0028	U		<0 012	U		0.0041	J	
		VMP-62-10-102418	10/24/2018	0.056			<0.0034	U		0.0019	J		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		0 003	J	
		VMP-62-10-012819	1/28/2019	0.017	J		<0.0036	U		0.0029	J		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		<0.013	U	
		VMP-62-10-042619	4/26/2019	0.017	J		<0.0043	U		0.0037	J		<0.014	U		<0.052	U		<0.003	U		<0 013	U		<0.016	U	
	20 ft	VMP-62-20-072418	7/24/2018	0.038			<0.0039	U		0.04			<0.013	U		<0.048	U		<0.0027	U		0.0041	J		0.0061	J	
		VMP-62-20-102418	10/24/2018	0.013	J		<0.0036	U		0 013			<0.012	U		<0.044	U		<0.0025	U		0.0074	J		0 003	J	
		VMP-62-20-012819	1/28/2019	0.009	J		0.0013	J		0.0066	J		<0.012	U		<0.043	U		<0.0025	U		0.019			<0.013	U	
		VMP-62-20-042619	4/26/2019	0.013	J		0.00092	J		0 018			<0.013	U		<0.048	U		<0.0027	U		0.0018	J		<0.014	U	
	30 ft	VMP-62-30-072418	7/24/2018	0.066			0.0052			0.0048	J		<0.013	U		<0.051	U		<0.0029	U		0 03			0 011	J	
		VMP-62-30-102418	10/24/2018	0.0099	J		<0.0036	U		0.0015	J		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		<0.014	U	
		VMP-62-30-102418-DUP	10/24/2018	0.0079	J		<0.0036	U		0.0011	J		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		0 002	J	
		VMP-62-30-020519	2/5/2019	0.0099	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0 012	U		<0.015	U	
		VMP-62-30-042619	4/26/2019	0.043			<0.0038	U		<0 008	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-62-30-042619-DUP	4/26/2019	0.017	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		<0.014	U	
VMP-63	5 ft	VMP-63-5-071918	7/19/2018	0.0084	J		0.0048			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.0069	J		<0.014	U	
		VMP-63-5-102218	10/22/2018	0.013	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0 011	U		0.0021	J	
		VMP-63-5-012919	1/29/2019	0.012	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-63-5-042519	4/25/2019	0.02	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.015	U	
	10 ft	VMP-63-10-071918	7/19/2018	0.036			0.00033	J		<0 007	U		<0.011	U		<0.04	U		<0.0023	U		<0.0099	U		0.0051	J	
		VMP-63-10-102218	10/22/2018	0.018	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		0.0069	J		0.0046	J	
		VMP-63-10-012919	1/29/2019	0.034			<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0042	J	
		VMP-63-10-042519	4/25/2019	0.021	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0 012	U		<0.015	U	
	20 ft	VMP-63-20-071918	7/19/2018	0.027	J		0.00036	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0 012	U		0.0044	J	
		VMP-63-20-102218	10/22/2018	0.016	J		<0.0036	U		<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		0.014			0.0022	J	
		VMP-63-20-012919	1/29/2019	0.015	J		<0.0033	U		<0 007	U		<0.011	U		<0.04	U		<0.0023	U		<0.0099	U		0.0021	J	
		VMP-63-20-022719R	2/27/2019	0.0091	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		0.0032	J	
		VMP-63-20-042519	4/25/2019	0.012	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-63-20-042519-DUP	4/25/2019	0.0087	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		<0.013	U	
	30 ft	VMP-63-30-071918	7/19/2018	0.048			0.00062	J		<0 008	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		0.0083	J	
		VMP-63-30-071918-DUP	7/19/2018	0.071			0.0007	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		0.0096	J	
		VMP-63-30-102218	10/22/2018	0.015	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0026	J	
		VMP-63-30-102218-DUP	10/22/2018	0.0057	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		<0.013	U	
		VMP-63-30-020419	2/4/2019	0.02	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		0.0032	J	
		VMP-63-30-050319	5/3/2019	0.039			<0.0038	U		<0 008	U		<0.012	U		<0.047	U		<0.0026	U		<0 011	U		0.0038	J	
VMP-64	5 ft	VMP-64-5-072318	7/23/2018	0.034			<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0 012	U		0.0049	J	
		VMP-64-5-102518	10/25/2018	0.011	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-64-5-012119	1/21/2019	0.035			<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U	UJ	0.0029	J	
		VMP-64-5-042619	4/26/2019	0.088			<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		0.0081	J	
	10 ft	VMP-64-10-072318	7/23/2018	0.029			<0.0036	U		<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		0.0031	J	
		VMP-64-10-102518	10/25/2018	0.052			<0.0038	U		<0 008	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U		<0.014	U	
		VMP-64-10-012119	1/21/2019	0.0046	J		0.002	J		<0 008	U		<0.012	U		<0.046	U		<0.0026	U		<0 011	U	UJ	<0.014	U	
		VMP-64-10-042619	4/26/2019	0.018	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0 011	U		<0.014	U	
	20 ft	VMP-64-20-072318	7/23/2018	0.043			<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0 012	U		<0.014	U	
		VMP-64-20-102518	10/25/2018	0.012	J		<0.0035	U		0 002	J		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-64-20-102518-DUP	10/25/2018	0.01	J		<0.0035	U		0.0024	J		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-64-20-012119	1/21/2019	0.014	J		0.00098	J		0.00081	J		<0.012	U		<0.043	U		<0.0025	U		<0 011	U	UJ	0.0023	J	
		VMP-64-20-042619	4/26/2019	0.035			<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0 011	U		<0.014	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-071818	7/18/2018	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0022	J		<0 025	U		<0 0062	U	
		VMP-1-5-102218	10/22/2018	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.0025	J		<0 026	U		<0 0066	U	
		VMP-1-5-012319	1/23/2019	<0.013	U		<0.0068	U		<0 005	U		<0 0092	U		<0.011	U		<0.0053	U		<0 022	U		<0 0056	U	
		VMP-1-5-043019	4/30/2019	0.0025	J		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0 026	U		<0 0066	U	
	8.5 ft	VMP-1-8.5-071818	7/18/2018	0.0014	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0014	J		<0 027	U		<0 0067	U	
		VMP-1-8.5-102218	10/22/2018	<0.014	U		<0.007	U		<0.0052	U		<0 0095	U		<0.012	U		0.0017	J		<0 023	U		<0 0058	U	
		VMP-1-8.5-012319	1/23/2019	<0.014	U		<0.0068	U		<0 005	U		<0 0093	U		<0.012	U		<0.0053	U		<0 022	U		<0 0056	U	
		VMP-1-8.5-043019	4/30/2019	0.0033	J		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0 025	U		<0 0062	U	
	23.5 ft	VMP-1-23.5-071818	7/18/2018	0.0017	J		<0.0082	U		<0 006	U		<0.011	U		<0.014	U		<0.0063	U		<0 027	U		<0 0067	U	
		VMP-1-23.5-102218	10/22/2018	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0021	J		<0 025	U		<0 0062	U	
		VMP-1-23.5-102218-DUP	10/22/2018	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0019	J		<0 025	U		<0 0062	U	
		VMP-1-23.5-012319	1/23/2019	<0.013	U		<0.0068	U		<0 005	U		<0 0092	U		<0.011	U		<0.0053	U		<0 022	U		<0 0056	U	
		VMP-1-23.5-012319-DUP	1/23/2019	<0.013	U		<0.0067	U		<0.0049	U		<0 0091	U		<0.011	U		<0.0052	U		<0 022	U		<0 0055	U	
		VMP-1-23.5-043019	4/30/2019	0.0024	J		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0 025	U		<0 0062	U	
VMP-2	5 ft	VMP-2-5-072418	7/24/2018	0.002	J		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0061	U	
		VMP-2-5-102418	10/24/2018	0.0024	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0 025	U		<0 0063	U	
		VMP-2-5-012319	1/23/2019	<0.013	U		<0.0067	U		<0.0049	U		<0 0091	U		<0.011	U		<0.0052	U		<0 022	U		<0 0055	U	
		VMP-2-5-042619	4/26/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 026	U		<0 0064	U	
	8.5 ft	VMP-2-8.5-072418	7/24/2018	<0.014	U		<0.0071	U		<0.0052	U		<0 0097	U		<0.012	U		0.00091	J		<0 023	U		<0 0059	U	
		VMP-2-8.5-102418	10/24/2018	0.0022	J		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0 024	U		<0 0061	U	
		VMP-2-8.5-012319	1/23/2019	<0.014	U		<0.007	U		<0.0051	U		<0 0095	U		<0.012	U		<0.0054	U		<0 023	U		<0 0058	U	
		VMP-2-8.5-042619	4/26/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0 025	U		<0 0063	U	
	22 ft	VMP-2-22-072418	7/24/2018	0.002	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.015			<0 026	U		<0 0064	U	
		VMP-2-22-072418-DUP	7/24/2018	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.014			0.013	J		<0 0062	U	
		VMP-2-22-102418	10/24/2018	<0.013	U		<0.0068	U		<0 005	U		<0 0092	U		<0.011	U		0.0056			<0 022	U		<0 0056	U	
		VMP-2-22-102418-DUP	10/24/2018	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0056	J		<0 024	U		<0 0061	U	
		VMP-2-22-012319	1/23/2019	<0.014	U		<0.007	U		<0.0051	U		<0 0094	U		<0.012	U		<0.0054	U		<0 023	U		<0 0057	U	
		VMP-2-22-042619	4/26/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0 026	U		<0 0065	U	
		VMP-2-22-042619-DUP	4/26/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0062	U	
VMP-3	5 ft	VMP-3-5-072318	7/23/2018	0.0021	J		<0.008	U		<0.0059	U		<0.011	U		<0.013	U		0.0011	J		<0 026	U		<0 0066	U	
		VMP-3-5-102918	10/29/2018	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0061	U	
		VMP-3-5-012419	1/24/2019	<0.014	U		<0.0073	U		<0.0053	U		<0 0098	U		<0.012	U		<0.0056	U		<0 024	U		<0.006	U	
		VMP-3-5-042919	4/29/2019	<0.014	U		<0.0072	U		<0.0053	U		<0 0098	U		<0.012	U		<0.0056	U		<0 024	U		<0 0059	U	
	10 ft	VMP-3-10-072318	7/23/2018	0.0028	J		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0026	J		<0 025	U		<0 0063	U	
		VMP-3-10-102918	10/29/2018	0.0013	J		<0.007	U		<0.0052	U		<0 0095	U		<0.012	U		0.0015	J		<0 023	U		<0 0058	U	
		VMP-3-10-020119	2/1/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0018	J		<0 026	U		<0 0064	U	
		VMP-3-10-042919	4/29/2019	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0033	J		<0 025	U		<0 0062	U	
	22 ft	VMP-3-22-072318	7/23/2018	0.0043	J		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0084			0.0031	J		<0 0065	U	
		VMP-3-22-102918	10/29/2018	0.0034	J		<0.0072	U		<0.0053	U		<0 0098	U		<0.012	U		0.012			<0 024	U		<0.006	U	
		VMP-3-22-012419	1/24/2019	<0.014	U		<0.007	U		<0.0052	U		<0 0095	U		<0.012	U		0.0046	J		<0 023	U		<0 0058	U	
		VMP-3-22-042919	4/29/2019	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0042	J		<0 025	U		<0 0062	U	
	31.5 ft	VMP-3-31.5-072318	7/23/2018	0.0054	J		0.0015	J		<0.0058	U		<0.011	U		<0.013	U		0.014			0.015	J		<0 0065	U	
		VMP-3-31.5-102918	10/29/2018	0.0014	J		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0062	U	
		VMP-3-31.5-012419	1/24/2019	<0.014	U		<0.007	U		<0.0052	U		<0 0095	U		<0.012	U		<0.0055	U		<0 023	U		<0 0058	U	
		VMP-3-31.5-042919	4/29/2019	0.0024	J		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0062	U	
	39 ft	VMP-3-39-072318	7/23/2018	0.0031	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0047	J		<0 028	U		<0 0071	U	
		VMP-3-39-102918	10/29/2018	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0032	J		<0 025	U		<0 0062	U	
		VMP-3-39-012419	1/24/2019	<0.013	U		<0.0066	U		<0.0048	U		<0 0089	U		<0.011	U		0.0013	J		<0 022	U		<0 0054	U	
		VMP-3-39-012419-DUP	1/24/2019	<0.013	U		<0.0065	U		<0.0048	U		<0 0088	U		<0.011	U		0.0014	J		<0 021	U		<0 0054	U	
VMP-4	5 ft	VMP-4-5-072318	7/23/2018	<0.015	J	U	<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 025	U		<0 0064	U	
		VMP-4-5-102918	10/29/2018	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0 025	U		<0 0063	U	
		VMP-4-5-012119	1/21/2019	<0.014	U		<0.0071	U		<0.0052	U		<0 0096	U		<0.012	U		<0.0055	U		<0 023	U		<0 0058	U	
		VMP-4-5-043019	4/30/2019	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 025	U		<0 0064	U	
	12 ft	VMP-4-12-072318	7/23/2018	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0044	J		<0 025	U		<0 0063	U	
		VMP-4-12-102918	10/29/2018	0.001	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0 026	U		<0 0065	U	
		VMP-4-12-012119	1/21/2019	<0.013	U		<0.0068	U		<0 005	U		<0 0092	U		<0.011	U		<0.0053	U		<0 022	U		<0 0056	U	
		VMP-4-12-043019	4/30/2019	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0 029	U		<0 0072	U	
	23.5 ft	VMP-4-23.5-072318	7/23/2018	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		0.006	J		<0 0066	U	
		VMP-4-23.5-072318-DUP	7/23/2018	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0 025	U		<0 0063	U	
		VMP-4-23.5-102918	10/29/2018	0.001	J		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0 025	U		<0 0062	U	
		VMP-4-23.5-012119	1/21/2019	<0.013	U		<0.0065	U		<0.0048	U		<0 0088	U		<0.011	U		<0.0051	U		<0 021	U		<0 0054	U	
		VMP-4-23.5-043019	4/30/2019	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		0.002	J		<0 0065	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-5	5 ft	VMP-5-5-071818	7/18/2018	0.0019	J		<0.0083	U		<0 006	U		<0.011	U		<0.014	U		0.0033	J		<0 027	U		<0 0068	U	
		VMP-5-5-101918	10/19/2018	<0.014	U		<0.0071	U		<0.0052	U		<0 0096	U		<0.012	U		0.0038	J		<0 023	U		<0 0058	U	
		VMP-5-5-012219	1/22/2019	<0.013	U		<0.0065	U		<0.0048	U		<0 0088	U		<0.011	U		0.0017	J		<0 021	U		<0 0054	U	
		VMP-5-5-050119	5/1/2019	<0.016	U		<0.0083	U		<0 006	U		<0.011	U		<0.014	U		0.0027	J		<0 027	U		<0 0068	U	
	12.5 ft	VMP-5-12.5-071818	7/18/2018	0.0014	J		0.0044	J		<0.0057	U		<0.01	U		<0.013	U		0.017			<0 026	U		<0 0064	U	
		VMP-5-12.5-101918	10/19/2018	<0.014	U		0.00076	J		<0.0051	U		<0 0094	U		<0.012	U		0.0044	J		<0 023	U		<0 0057	U	
		VMP-5-12.5-012219	1/22/2019	<0.014	U		<0.007	U		<0.0052	U		0.0018	J		<0.012	U		0.025			<0 023	U		<0 0058	U	
		VMP-5-12.5-050119	5/1/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.022			<0 026	U		<0 0065	U	
	31 ft	VMP-5-31-071818	7/18/2018	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0024	J		<0 026	U		<0 0066	U	
		VMP-5-31-101918	10/19/2018	<0.014	J	U	<0.0072	U		<0.0053	U		<0 0098	U		<0.012	U		0.0033	J		<0 024	U		<0.006	U	
		VMP-5-31-012219	1/22/2019	<0.014	U		<0.007	U		<0.0052	U		<0 0095	U		<0.012	U		0.0016	J		<0 023	U		<0 0058	U	
		VMP-5-31-050119	5/1/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0032	J		<0 026	U		<0 0065	U	
	40 ft	VMP-5-40-071818	7/18/2018	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0036	J		<0 026	U		<0 0065	U	
		VMP-5-40-101918	10/19/2018	<0.014	J	U	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.003	J		<0 024	U		<0.006	U	
		VMP-5-40-020419	2/4/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0039	J		<0 026	U		<0 0064	U	
		VMP-5-40-050119	5/1/2019	<0.014	U		<0.007	U		<0.0052	U		<0 0095	U		<0.012	U		0.0034	J		<0 023	U		<0 0058	U	
VMP-6	5 ft	VMP-6-5-071918	7/19/2018	0.0025	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0012	J		<0 025	U		<0 0063	U	
		VMP-6-5-102218	10/22/2018	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.00086	J		<0 026	U		<0 0066	U	
		VMP-6-5-013119	1/31/2019	<0.013	U		<0.0068	U		<0 005	U		<0 0092	U		<0.011	U		0.0051	J		<0 022	U		<0 0056	U	
		VMP-6-5-042519	4/25/2019	<0.014	U		<0.0071	U		<0.0052	U		<0 0096	U		<0.012	U		<0.0055	U		<0 023	U		<0 0058	U	
	10 ft	VMP-6-10-071918	7/19/2018	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.014			<0 026	U		<0 0064	U	
		VMP-6-10-102218	10/22/2018	<0.014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0086			<0 024	U		<0.006	U	
		VMP-6-10-012219	1/22/2019	<0.014	U		<0.0069	U		<0.0051	U		<0 0094	U		<0.012	U		0.0031	J		<0 023	U		<0 0057	U	
		VMP-6-10-042519	4/25/2019	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.015			<0 025	U		<0 0062	U	
	31.5 ft	VMP-6-31.5-071918	7/19/2018	0.0046	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.015			<0 025	U		<0 0063	U	
		VMP-6-31.5-102218	10/22/2018	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0096			<0 025	U		<0 0062	U	
		VMP-6-31.5-020119	2/1/2019	<0.028	U		<0.014	U		<0.01	U		<0.019	U		<0.024	U		<0.011	U		<0 046	U		<0.012	U	
		VMP-6-31.5-042519	4/25/2019	<0.016	U		<0.0081	U		<0 006	U		<0.011	U		<0.014	U		0.0066			<0 027	U		<0 0067	U	
	39 ft	VMP-6-39-071918	7/19/2018	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0034	J		<0 026	U		<0 0064	U	
		VMP-6-39-102218	10/22/2018	<0.014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0042	J		<0 024	U		<0.006	U	
		VMP-6-39-012219	1/22/2019	<0.014	U		<0.007	U		<0.0051	U		<0 0094	U		<0.012	U		0.0039	J		<0 023	U		<0 0057	U	
		VMP-6-39-042519	4/25/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0031	J		<0 025	U		<0 0063	U	
VMP-7	5 ft	VMP-7-5-071918	7/19/2018	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0011	J		0.0025	J		<0 0063	U	
		VMP-7-5-102218	10/22/2018	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.013	U		0.0028	J		<0 026	U		<0 0066	U	
		VMP-7-5-012219	1/22/2019	<0.013	U		<0.0067	U		<0.0049	U		<0 0091	U		<0.011	U		<0.0052	U		<0 022	U		<0 0055	U	
		VMP-7-5-042519	4/25/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0 026	U		<0 0065	U	
	13.5 ft	VMP-7-13.5-071918	7/19/2018	0.0023	J		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0022	J		<0 024	U		<0 0062	U	
		VMP-7-13.5-102218	10/22/2018	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0059	J		<0 025	U		<0 0063	U	
		VMP-7-13.5-020119	2/1/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0 025	U		<0 0063	U	
		VMP-7-13.5-042519	4/25/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0 025	U		<0 0063	U	
	29.5 ft	VMP-7-29.5-071918	7/19/2018	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0043	J		<0 025	U		<0 0063	U	
		VMP-7-29.5-102218	10/22/2018	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0074			<0 025	U		<0 0063	U	
		VMP-7-29.5-020119	2/1/2019	<0.014	U		<0.0073	U		<0.0054	U		<0 0099	U		<0.012	U		0.0072			<0 024	U		<0.006	U	
		VMP-7-29.5-042519	4/25/2019	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0041	J		<0 029	U		<0 0074	U	
	38 ft	VMP-7-38-071918	7/19/2018	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.013			<0 026	U		<0 0064	U	
		VMP-7-38-071918-DUP	7/19/2018	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.013			<0 025	U		<0 0063	U	
		VMP-7-38-102218	10/22/2018	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.012			<0 028	U		<0.007	U	
		VMP-7-38-012219	1/22/2019	<0.013	U		<0.0066	U		<0.0048	U		<0 0089	U		<0.011	U		0.013			<0 022	U		<0 0054	U	
		VMP-7-38-042519	4/25/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.01			<0 026	U		<0 0066	U	
		VMP-7-38-042519-DUP	4/25/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0098			<0 024	U		<0 0061	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-072518	7/25/2018	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0038	J		<0 025	U		<0 0062	U	
		VMP-8-5-102418	10/24/2018	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0061	U	
		VMP-8-5-011819	1/18/2019	<0.013	U		<0.0066	U		<0.0048	U		<0 0089	U		<0.011	U		<0.0051	U		<0 022	U		<0 0054	U	
		VMP-8-5-042419	4/24/2019	<0.014	U		<0.0073	U		<0.0054	U		<0 0099	U		<0.012	U		<0.0057	U		<0 024	U		<0.006	U	
	9.5 ft	VMP-8-9.5-072518	7/25/2018	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0 026	U		<0 0066	U	
		VMP-8-9.5-102418	10/24/2018	0.005	J		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0 024	U		<0 0061	U	
		VMP-8-9.5-011819	1/18/2019	<0.013	U		<0.0068	U		<0 005	U		<0 0092	U		<0.011	U		<0.0053	U		<0 022	U		<0 0056	U	
		VMP-8-9.5-042419	4/24/2019	0.0028	J		<0.0073	U		<0.0054	U		<0 0099	U		<0.012	U		<0.0057	U		<0 024	U		<0.006	U	
	23.5 ft	VMP-8-23.5-072518	7/25/2018	0.0046	J		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		0.0036	J		<0 0064	U	
		VMP-8-23.5-102418	10/24/2018	<0.014	U		<0.0072	U		<0.0053	U		<0 0098	U		<0.012	U		<0.0056	U		<0 024	U		<0.006	U	
		VMP-8-23.5-011819	1/18/2019	<0.014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0 024	U		<0.006	U	
		VMP-8-23.5-022719R	2/27/2019	0.0022	J		<0.007	U		<0.0051	U		<0 0094	U		<0.012	U		<0.0054	U		<0 023	U		<0 0057	U	
		VMP-8-23.5-042419	4/24/2019	<0.014	U		<0.0073	U		<0.0054	U		<0 0099	U		<0.012	U		<0.0057	U		<0 024	U		<0.006	U	
	35.5 ft	VMP-8-35.5-072518	7/25/2018	0.0059	J		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0055	J		0.0035	J		<0 0063	U	
		VMP-8-35.5-072518-DUP	7/25/2018	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0052	J		<0 025	U		<0 0062	U	
		VMP-8-35.5-102418	10/24/2018	<0.014	U		<0.0073	U		<0.0054	U		<0 0099	U		<0.012	U		<0.0057	U		<0 024	U		<0.006	U	
		VMP-8-35.5-011819	1/18/2019	<0.013	U		<0.0065	U		<0.0048	U		<0 0088	U		<0.011	U		<0.0051	U		<0 021	U		<0 0054	U	
		VMP-8-35.5-042419	4/24/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0062	U	
		VMP-8-35.5-042419-DUP	4/24/2019	<0.014	U		<0.0072	U		<0.0053	U		<0 0098	U		<0.012	U		<0.0056	U		<0 024	U		<0 0059	U	
VMP-9	5 ft	VMP-9-5-071918	7/19/2018	0.002	J		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0 026	U		<0 0066	U	
		VMP-9-5-102318	10/23/2018	0.002	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 026	U		<0 0064	U	
		VMP-9-5-012519	1/25/2019	<0.014	U		<0.0069	U		<0.0051	U		<0 0094	U		<0.012	U		<0.0054	U		<0 023	U		<0 0057	U	
		VMP-9-5-042419	4/24/2019	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 025	U		<0 0064	U	
	11.5 ft	VMP-9-11.5-071918	7/19/2018	<0.016	U		<0.0082	U		<0 006	U		<0.011	U		<0.014	U		0.0022	J		<0 027	U		<0 0068	U	
		VMP-9-11.5-102318	10/23/2018	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0019	J		<0 025	U		<0 0063	U	
		VMP-9-11.5-013119	1/31/2019	<0.013	U		<0.0068	U		<0.0049	U		<0 0092	U		<0.011	U		0.0024	J		<0 022	U		<0 0056	U	
		VMP-9-11.5-042419	4/24/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 026	U		<0 0064	U	
	25.5 ft	VMP-9-25.5-071918	7/19/2018	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0034	J		<0 026	U		<0 0065	U	
		VMP-9-25.5-102318	10/23/2018	0.0025	J		<0.0072	U		<0.0053	U		<0 0098	U		<0.012	U		0.0053	J		<0 024	U		<0.006	U	
		VMP-9-25.5-011819	1/18/2019	<0.013	U		<0.0067	U		<0.0049	U		<0 0091	U		<0.011	U		0.0047	J		<0 022	U		<0 0055	U	
		VMP-9-25.5-042419	4/24/2019	<0.014	U		<0.0071	U		<0.0052	U		<0 0096	U		<0.012	U		0.0022	J		<0 023	U		<0 0058	U	
	38.5 ft	VMP-9-38.5-071918	7/19/2018	0.0021	J		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.011			<0 026	U		<0 0066	U	
		VMP-9-38.5-102318	10/23/2018	0.0025	J		<0.0069	U		<0 005	U		<0 0093	U		<0.012	U		0.041			<0 023	U		<0 0057	U	
		VMP-9-38.5-011819	1/18/2019	<0.013	U		<0.0067	U		<0.0049	U		<0 0091	U		<0.011	U		0.036			<0 022	U		<0 0055	U	
		VMP-9-38.5-011819-DUP	1/18/2019	<0.013	U		<0.0068	U		<0 005	U		<0 0092	U		<0.011	U		0.034			<0 022	U		<0 0056	U	
		VMP-9-38.5-042419	4/24/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.014			<0 025	U		<0 0063	U	
		VMP-9-38.5-042419-DUP	4/24/2019	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.014			<0 025	U		<0 0064	U	
VMP-18	8.5 ft	VMP-18-8.5-080718	8/7/2018	<0.014	J	U	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0 024	U		<0.006	U	
		VMP-18-8.5-102618	10/26/2018	<0.014	U		<0.0071	U		<0.0052	U		<0 0096	U		<0.012	U		<0.0055	U		<0 023	U		<0 0058	U	
		VMP-18-8.5-012519	1/25/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0061	U	
		VMP-18-8.5-043019	4/30/2019	0.0028	J		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0 025	U		<0 0063	U	
VMP-19	5 ft	VMP-19-5-073018	7/30/2018	0.0018	J		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0016	J		<0 024	U		<0.006	U	
		VMP-19-5-073018-DUP	7/30/2018	<0.014	U		<0.007	U		<0.0052	U		<0 0095	U		<0.012	U		0.0014	J		<0 023	U		<0 0058	U	
		VMP-19-5-103118	10/31/2018	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0 026	U		<0 0066	U	
		VMP-19-5-103118-DUP	10/31/2018	<0.014	U		<0.0069	U		<0 005	U		<0 0093	U		<0.012	U		<0.0053	U		<0 023	U		<0 0057	U	
		VMP-19-5-012219	1/22/2019	<0.013	U		<0.0065	U		<0.0047	U		<0 0088	U		<0.011	U		<0.005	U		<0 021	U		<0 0053	U	
		VMP-19-5-043019	4/30/2019	0.0024	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 026	U		<0 0064	U	
		VMP-19-5-043019-Dup	4/30/2019	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 025	U		<0 0064	U	
VMP-20	5 ft	VMP-20-5-071818	7/18/2018	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0 025	U		<0 0063	U	
		VMP-20-5-102418	10/24/2018	<0.014	U		<0.007	U		<0.0052	U		<0 0095	U		<0.012	U		<0.0055	U		<0 023	U		<0 0058	U	
		VMP-20-5-012119	1/21/2019	<0.64	U		<0.32	U		<0.24	U		<0.44	U		<0.54	U		<0 25	U		<1.1	U		<0.27	U	
		VMP-20-5-042619	4/26/2019	<0.03	U		<0.015	U		<0 011	U		<0.02	U		<0.025	U		<0.012	U		<0 049	U		<0.012	U	
	10 ft	VMP-20-10-071818	7/18/2018	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0 025	U		<0 0063	U	
		VMP-20-10-102418	10/24/2018	<0.014	U		<0.0071	U		<0.0052	U		<0 0096	U		<0.012	U		<0.0055	U		<0 023	U		<0 0058	U	
		VMP-20-10-012119	1/21/2019	<0.18	U		<0.088	U		<0 065	U		<0.12	U		<0.15	U		<0.069	U		<0.29	U		<0.073	U	
		VMP-20-10-042619	4/26/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 026	U		<0 0064	U	
	25 ft	VMP-20-25-071818	7/18/2018	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0 025	U		<0 0063	U	
		VMP-20-25-102418	10/24/2018	<0.014	U		<0.007	U		<0.0051	U		<0 0095	U		<0.012	U		<0.0054	U		<0 023	U		<0 0058	U	
		VMP-20-25-012119	1/21/2019	<0.013	U		<0.0066	U		<0.0048	U		<0 0089	U		<0.011	U		<0.0051	U		<0 022	U		<0 0054	U	
		VMP-20-25-012119-DUP	1/21/2019	<0.013	U		<0.0066	U		<0.0048	U		<0 0089	U		<0.011	U		<0.0051	U		<0 022	U		<0 0054	U	
		VMP-20-25-042619	4/26/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		0.0033	J		<0 0062	U	
	39.5 ft	VMP-20-39.5-071818	7/18/2018	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0 025	U		<0 0063	U	
		VMP-20-39.5-071818-DUP	7/18/2018	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0 027	U		<0 0067	U	
		VMP-20-39.5-102418	10/24/2018	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0 025	U		<0 0063	U	
		VMP-20-39.5-020519	2/5/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 026	U		<0 0064	U	
		VMP-20-39.5-042619	4/26/2019	<0.014	U		<0.0072	U		<0.0052	U		<0 0097	U		<0.012	U		<0.0056	U		<0 024	U		<0 0059	U	

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-21	5 ft	VMP-21-5-072318	7/23/2018	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0 025	U		<0 0062	U	
		VMP-21-5-102318	10/23/2018	<0.014	U		<0.0071	U		<0.0052	U		<0 0097	U		<0.012	U		<0.0055	U		<0 023	U		<0 0059	U	
		VMP-21-5-012119	1/21/2019	<0.014	U		<0.0069	U		<0.0051	U		<0 0094	U		<0.012	U		<0.0054	U		<0 023	U		<0 0057	U	
		VMP-21-5-042619	4/26/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 026	U		<0 0064	U	
	10 ft	VMP-21-10-072318	7/23/2018	<0.015	J	U	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0061	U	
		VMP-21-10-102318	10/23/2018	<0.014	U		<0.0072	U		<0.0053	U		<0 0098	U		<0.012	U		<0.0056	U		<0 024	U		<0.006	U	
		VMP-21-10-012119	1/21/2019	<0.014	U		<0.0073	U		<0.0054	U		<0 0099	U		<0.012	U		<0.0057	U		<0 024	U		<0.006	U	
		VMP-21-10-042619	4/26/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 026	U		<0 0064	U	
	25 ft	VMP-21-25-072318	7/23/2018	<0.014	J	U	<0.0073	U		<0.0053	U		<0 0098	U		<0.012	U		<0.0056	U		<0 024	U		<0.006	U	
		VMP-21-25-102318	10/23/2018	<0.013	U		<0.0068	U		<0.0049	U		<0 0092	U		<0.011	U		0.00085	J		<0 022	U		<0 0056	U	
		VMP-21-25-012119	1/21/2019	<0.014	U		<0.0073	U		<0.0053	U		<0 0099	U		<0.012	U		<0.0057	U		<0 024	U		<0.006	U	
		VMP-21-25-042619	4/26/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.00083	J		<0 025	U		<0 0063	U	
	33 ft	VMP-21-33-072318	7/23/2018	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0 026	U		<0 0065	U	
		VMP-21-33-102318	10/23/2018	<0.013	U		<0.0068	U		<0.0049	U		<0 0092	U		<0.011	U		<0.0052	U		<0 022	U		<0 0056	U	
		VMP-21-33-102318-DUP	10/23/2018	<0.013	U		<0.0068	U		<0 005	U		<0 0092	U		<0.011	U		<0.0053	U		<0 022	U		<0 0056	U	
		VMP-21-33-012119	1/21/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0062	U	
		VMP-21-33-012119-DUP	1/21/2019	<0.013	U		<0.0064	U		<0.0047	U		<0 0087	U		<0.011	U		<0.005	U		<0 021	U		<0 0053	U	
		VMP-21-33-042619	4/26/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0 025	U		<0 0063	U	
VMP-22	5 ft	VMP-22-5-071818	7/18/2018	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.0021	J		<0 025	U		<0 0064	U	
		VMP-22-5-101918	10/19/2018	<0.014	U		<0.007	U		<0.0052	U		<0 0095	U		<0.012	U		0.0013	J		<0 023	U		<0 0058	U	
		VMP-22-5-012819	1/28/2019	<0.014	U		<0.0073	U		<0.0053	U		<0 0098	U		<0.012	U		0.0006	J		<0 024	U		<0.006	U	
		VMP-22-5-043019	4/30/2019	<0.014	U		<0.0072	U		<0.0053	U		<0 0098	U		<0.012	U		<0.0056	U		<0 024	U		<0.006	U	
	10 ft	VMP-22-10-071818	7/18/2018	0.0014	J		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0018	J		<0 025	U		<0 0063	U	
		VMP-22-10-101918	10/19/2018	<0.014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0 024	U		<0.006	U	
		VMP-22-10-012819	1/28/2019	<0.014	U		<0.0073	U		<0.0053	U		<0 0099	U		<0.012	U		0.00098	J		<0 024	U		<0.006	U	
	18 ft	VMP-22-18-071818	7/18/2018	0.0014	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.03			<0 026	U		<0 0064	U	
		VMP-22-18-101918	10/19/2018	<0.014	U		<0.007	U		<0.0051	U		<0 0094	U		<0.012	U		0.018			<0 023	U		<0 0057	U	
		VMP-22-18-012819	1/28/2019	<0.014	U		<0.007	U		<0.0051	U		<0 0094	U		<0.012	U		0.00096	J		<0 023	U		<0 0057	U	
		VMP-22-18-043019	4/30/2019	0.0023	J		<0.0073	U		<0.0053	U		<0 0099	U		<0.012	U		0.019			<0 024	U		<0.006	U	
	38 ft	VMP-22-38-071818	7/18/2018	0.0019	J		<0.011	U		<0.0078	U		<0.014	U		<0.018	U		<0.0082	U		<0 035	U		<0 0087	U	
		VMP-22-38-071818-DUP	7/18/2018	0.0014	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0016	J		<0 026	U		<0 0064	U	
		VMP-22-38-101918	10/19/2018	<0.014	U		<0.0069	U		<0 005	U		<0 0093	U		<0.012	U		0.0012	J		<0 023	U		<0 0057	U	
		VMP-22-38-012819	1/28/2019	<0.014	U		<0.0073	U		<0.0053	U		<0 0099	U		<0.012	U		<0.0057	U		<0 024	U		<0.006	U	
		VMP-22-38-012819-DUP	1/28/2019	<0.016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0 026	U		<0 0064	U	
		VMP-22-38-043019	4/30/2019	0.0026	J		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		0.0019	J		<0.006	U	
VMP-23	5 ft	VMP-23-5-071718	7/17/2018	<0.016	U		<0.0082	U		<0 006	U		<0.011	U		<0.014	U		0.003	J		<0 027	U		<0 0068	U	
		VMP-23-5-101918	10/19/2018	<0.013	J	U	<0.0067	U		<0.0049	U		<0 0091	U		<0.011	U		0.00092	J		<0 022	U		<0 0055	U	
		VMP-23-5-012319	1/23/2019	<0.014	U		<0.0071	U		<0.0052	U		<0 0096	U		<0.012	U		0.0042	J		<0 023	U		<0 0058	U	
		VMP-23-5-042919	4/29/2019	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0051	J		<0 025	U		<0 0063	U	
	10 ft	VMP-23-10-071718	7/17/2018	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0063			<0 026	U		<0 0065	U	
		VMP-23-10-101918	10/19/2018	<0.015	J	U	<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.0032	J		<0 025	U		<0 0064	U	
		VMP-23-10-012319	1/23/2019	<0.014	U		<0.0069	U		<0 005	U		<0 0093	U		<0.012	U		0.012			<0 023	U		<0 0057	U	
		VMP-23-10-042919	4/29/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.01			<0 024	U		<0 0061	U	
	25 ft	VMP-23-25-071718	7/17/2018	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0057	J		<0 025	U		<0 0063	U	
		VMP-23-25-101918	10/19/2018	<0.014	U		<0.0073	U		<0.0053	U		<0 0099	U		<0.012	U		0.0041	J		<0 024	U		<0.006	U	
		VMP-23-25-012319	1/23/2019	<0.014	U		<0.0071	U		<0.0052	U		<0 0096	U		<0.012	U		0.012			<0 023	U		<0 0058	U	
		VMP-23-25-042919	4/29/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.018			<0 024	U		<0 0061	U	
	40 ft	VMP-23-40-071718	7/17/2018	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0062			<0 026	U		<0 0064	U	
		VMP-23-40-071718-DUP	7/17/2018	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0055	J		<0 025	U		<0 0063	U	
		VMP-23-40-101918	10/19/2018	<0.014	U		<0.007	U		<0.0051	U		<0 0094	U		<0.012	U		0.0015	J		<0 023	U		<0 0057	U	
		VMP-23-40-101918-DUP	10/19/2018	<0.014	J	U	<0.0068	U		<0 005	U		<0 0093	U		<0.012	U		0.00086	J		<0 022	U		<0 0056	U	
		VMP-23-40-012319	1/23/2019	<0.013	U		<0.0068	U		<0.0049	U		<0 0092	U		<0.011	U		0.0015	J		<0 022	U		<0 0056	U	
		VMP-23-40-012319-DUP	1/23/2019	<0.014	U		<0.0069	U		<0 005	U		<0 0093	U		<0.012	U		<0.0053	U		<0 023	U		<0 0057	U	
		VMP-23-40-042919	4/29/2019	<0.016	U		<0.0082	U		<0 006	U		<0.011	U		<0.014	U		<0.0064	U		<0 027	U		<0 0068	U	
		VMP-23-40-042919-DUP	4/29/2019	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0 026	U		<0 0065	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-072018	7/20/2018	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		0.013	J		<0 0061	U	
		VMP-24-5-102518	10/25/2018	<0.014	U		<0.0072	U		<0.0053	U		<0 0098	U		<0.012	U		<0.0056	U		<0 024	U		<0 0059	U	
		VMP-24-5-012419	1/24/2019	<0.014	U		<0.0068	U		<0 005	U		<0 0093	U		<0.012	U		<0.0053	U		<0 022	U		<0 0056	U	
		VMP-24-5-012419-DUP	1/24/2019	<0.014	U		<0.0072	U		<0.0053	U		<0 0098	U		<0.012	U		<0.0056	U		<0 024	U		<0.006	U	
		VMP-24-5-042419	4/24/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 026	U		<0 0064	U	
	10 ft	VMP-24-10-072018	7/20/2018	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0 024	U		<0 0061	U	
		VMP-24-10-102518	10/25/2018	<0.026	U		<0.013	U		<0.0095	U		<0.018	U		<0.022	U		<0 01	U		<0 043	U		<0.011	U	
		VMP-24-10-012419	1/24/2019	<0.014	U		<0.0068	U		<0 005	U		<0 0093	U		<0.012	U		<0.0053	U		<0 022	U		<0 0056	U	
		VMP-24-10-042419	4/24/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 026	U		<0 0064	U	
	22 ft	VMP-24-22-072018	7/20/2018	0.018			<0.0073	U		<0.0054	U		<0 0099	U		<0.012	U		<0.0057	U		<0 024	U		<0.006	U	
		VMP-24-22-102518	10/25/2018	<0.014	U		<0.007	U		<0.0052	U		<0 0095	U		<0.012	U		<0.0055	U		<0 023	U		<0 0058	U	
		VMP-24-22-012419	1/24/2019	<0.014	U		<0.0071	U		<0.0052	U		<0 0097	U		<0.012	U		<0.0055	U		<0 023	U		<0 0059	U	
		VMP-24-22-042419	4/24/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0062	U	
	34 ft	VMP-24-34-072018	7/20/2018	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		0.0044	J		<0 0062	U	
		VMP-24-34-072018-DUP	7/20/2018	0.0071	J		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		0.0032	J		<0 0063	U	
		VMP-24-34-102518	10/25/2018	<0.014	U		<0.007	U		<0.0051	U		<0 0095	U		<0.012	U		<0.0054	U		<0 023	U		<0 0058	U	
		VMP-24-34-102518-DUP	10/25/2018	<0.014	U		<0.0069	U		<0.0051	U		<0 0094	U		<0.012	U		<0.0054	U		<0 023	U		<0 0057	U	
		VMP-24-34-012419	1/24/2019	<0.013	U		<0.0066	U		<0.0048	U		<0.009	U		<0.011	U		<0.0052	U		<0 022	U		<0 0055	U	
		VMP-24-34-042419	4/24/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0 025	U		<0 0063	U	
VMP-32	5 ft	VMP-32-5-072318	7/23/2018	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0062	U	
		VMP-32-5-012319	1/23/2019	<0.013	U		<0.0067	U		<0.0049	U		<0 0091	U		<0.011	U		<0.0052	U		<0 022	U		<0 0055	U	
		VMP-32-5-043019	4/30/2019	0.0024	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		0.002	J		<0 0063	U	
	10 ft	VMP-32-10-072318	7/23/2018	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0034	J		<0 026	U		<0 0064	U	
		VMP-32-10-102518	10/25/2018	<0.014	U		<0.0073	U		<0.0053	U		<0 0098	U		<0.012	U		<0.0056	U		<0 024	U		<0.006	U	
		VMP-32-10-012319	1/23/2019	<0.013	U		<0.0067	U		<0.0049	U		<0 0091	U		<0.011	U		<0.0052	U		<0 022	U		<0 0055	U	
		VMP-32-10-043019	4/30/2019	0.0025	J		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0 025	U		<0 0062	U	
	20 ft	VMP-32-20-072318	7/23/2018	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 026	U		<0 0064	U	
		VMP-32-20-102518	10/25/2018	<0.014	U		<0.0073	U		<0.0053	U		<0 0098	U		<0.012	U		<0.0056	U		<0 024	U		<0.006	U	
		VMP-32-20-012319	1/23/2019	<0.013	U		<0.0068	U		<0 005	U		<0 0092	U		<0.011	U		<0.0053	U		<0 022	U		<0 0056	U	
		VMP-32-20-043019	4/30/2019	<0.014	U		<0.0073	U		<0.0053	U		<0 0099	U		<0.012	U		<0.0057	U		<0 024	U		<0.006	U	
	30 ft	VMP-32-30-072318	7/23/2018	<0.014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0 024	U		<0.006	U	
		VMP-32-30-102518	10/25/2018	<0.014	U		<0.0072	U		<0.0053	U		<0 0098	U		<0.012	U		<0.0056	U		<0 024	U		<0 0059	U	
		VMP-32-30-012319	1/23/2019	<0.013	U		<0.0067	U		<0.0049	U		<0 0091	U		<0.011	U		<0.0052	U		<0 022	U		<0 0055	U	
		VMP-32-30-050319	5/3/2019	<0.013	U		<0.0068	U		<0.0049	U		<0 0092	U		<0.011	U		<0.0052	U		<0 022	U		<0 0056	U	
VMP-42	10 ft	VMP-42-10-072318	7/23/2018	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0023	J		<0 025	U		<0 0062	U	
		VMP-42-10-102218	10/22/2018	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0012	J		<0 024	U		<0 0061	U	
		VMP-42-10-012519	1/25/2019	<0.014	U		<0.007	U		<0.0051	U		<0 0094	U		<0.012	U		0.00084	J		<0 023	U		<0 0057	U	
		VMP-42-10-050119	5/1/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0062	U	
	20 ft	VMP-42-20-072318	7/23/2018	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0031	J		0.005	J		<0 0065	U	
		VMP-42-20-102218	10/22/2018	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.012			<0 026	U		<0 0065	U	
		VMP-42-20-020519	2/5/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0076			<0 026	U		<0 0065	U	
		VMP-42-20-050119	5/1/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0029	J		<0 026	U		<0 0065	U	
	30 ft	VMP-42-30-072318	7/23/2018	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0062	U	
		VMP-42-30-072318-DUP	7/23/2018	<0.015	J	U	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0061	U	
		VMP-42-30-102218	10/22/2018	<0.014	U		<0.0073	U		<0.0053	U		0.032			<0.012	U		0.14			<0 024	U		<0.006	U	
		VMP-42-30-112818	11/28/2018	<0.013	U		<0.0066	U		<0.0048	U		0.034			<0.011	U		0.023			<0 022	U		<0 0054	U	
		VMP-42-30-012519	1/25/2019	<0.013	U		<0.0067	U		<0.0049	U		0.017			<0.011	U		0.0086			<0 022	U		<0 0055	U	
		VMP-42-30-050119	5/1/2019	<0.014	U		<0.0073	U		0 003	J		<0 0098	U		<0.012	U		0.0025	J		<0 024	U		<0.006	U	
VMP-43	10 ft	VMP-43-10-071818	7/18/2018	0.0011	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0 025	U		<0 0063	U	
		VMP-43-10-102918	10/29/2018	0.0012	J		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0061	U	
		VMP-43-10-012919	1/29/2019	<0.014	U		<0.007	U		<0.0052	U		<0 0095	U		<0.012	U		<0.0055	U		<0 023	U		<0 0058	U	
		VMP-43-10-042919	4/29/2019	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0 025	U		<0 0062	U	
	20 ft	VMP-43-20-071818	7/18/2018	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0011	J		<0 026	U		<0 0066	U	
		VMP-43-20-102918	10/29/2018	0.001	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0019	J		<0 026	U		<0 0064	U	
		VMP-43-20-012919	1/29/2019	<0.013	U		<0.0067	U		<0.0049	U		<0 0091	U		<0.011	U		0.001	J		<0 022	U		<0 0055	U	
		VMP-43-20-042919	4/29/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0 026	U		<0 0065	U	
	30 ft	VMP-43-30-071818	7/18/2018	0.18			<0.008	U		<0.0059	U		<0.011	U		<0.013	U		0.0068			<0 026	U		<0 0066	U	
		VMP-43-30-102918	10/29/2018	0.023			<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0 025	U		<0 0063	U	
		VMP-43-30-012919	1/29/2019	<0.014	U		<0.0069	U		<0.0051	U		<0 0094	U		<0.012	U		0.0016	J		<0 023	U		<0 0057	U	
		VMP-43-30-012919-DUP	1/29/2019	<0.014	U		<0.007	U		<0.0052	U		<0 0095	U		<0.012	U		0.0018	J		<0 023	U		<0 0058	U	
		VMP-43-30-042919	4/29/2019	<0.016	U		<0.0082	U		<0 006	U		<0.011	U		<0.014	U		<0.0063	U		<0 027	U		<0 0067	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-071818	7/18/2018	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0 026	U		<0 0066	U	
		VMP-44-10-102518	10/25/2018	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0061	U	
		VMP-44-10-012219	1/22/2019	<0.013	U		<0.0065	U		<0.0048	U		<0 0088	U		<0.011	U		<0.0051	U		<0 021	U		<0 0054	U	
		VMP-44-10-042919	4/29/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0061	U	
	20 ft	VMP-44-20-071818	7/18/2018	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0061	U	
		VMP-44-20-102518	10/25/2018	<0.014	U		<0.0072	U		<0.0052	U		<0 0097	U		<0.012	U		<0.0056	U		<0 024	U		<0 0059	U	
		VMP-44-20-020419	2/4/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		0.021	J		<0 0063	U	
		VMP-44-20-020419-DUP	2/4/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0 026	U		<0 0065	U	
		VMP-44-20-042919	4/29/2019	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0 025	U		<0 0062	U	
	30 ft	VMP-44-30-071818	7/18/2018	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 026	U		<0 0064	U	
		VMP-44-30-102518	10/25/2018	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0 025	U		<0 0062	U	
		VMP-44-30-012219	1/22/2019	<0.013	U		<0.0067	U		<0.0049	U		<0 0091	U		<0.011	U		<0.0052	U		<0 022	U		<0 0055	U	
		VMP-44-30-042919	4/29/2019	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0 025	U		<0 0063	U	
VMP-45	10 ft	VMP-45-10-071918	7/19/2018	0.034			<0.0078	U		0 001	J		<0.01	U		<0.013	U		0.0021	J		0.0047	J		<0 0064	U	
		VMP-45-10-102518	10/25/2018	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0021	J		<0 025	U		<0 0062	U	
		VMP-45-10-012219	1/22/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0061	U	
		VMP-45-10-042519	4/25/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0 025	U		<0 0063	U	
	20 ft	VMP-45-20-071918	7/19/2018	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 025	U		<0 0064	U	
		VMP-45-20-102518	10/25/2018	<0.014	U		<0.0072	U		<0.0053	U		<0 0098	U		<0.012	U		<0.0056	U		<0 024	U		<0.006	U	
		VMP-45-20-012219	1/22/2019	<0.014	U		<0.0068	U		<0 005	U		<0 0093	U		<0.012	U		<0.0053	U		<0 022	U		<0 0056	U	
		VMP-45-20-042519	4/25/2019	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0 025	U		<0 0062	U	
	30 ft	VMP-45-30-071918	7/19/2018	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		0.0012	J		<0 025	U		<0 0062	U	
		VMP-45-30-102518	10/25/2018	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		0.0024	J		<0 025	U		<0 0062	U	
		VMP-45-30-012219	1/22/2019	<0.014	U		<0.0069	U		<0 005	U		<0 0093	U		<0.012	U		<0.0053	U		<0 023	U		<0 0057	U	
		VMP-45-30-042519	4/25/2019	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0 026	U		<0 0066	U	
		VMP-45-30-052819R	5/28/2019	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0 027	U		<0 0068	U	
VMP-47	5 ft	VMP-47-5-071918	7/19/2018	0.0018	J		<0.0073	U		<0.0054	U		<0 0099	U		<0.012	U		0.0068			<0 024	U		<0.006	U	
		VMP-47-5-102318	10/23/2018	<0.014	U		<0.0071	U		<0.0052	U		<0 0097	U		<0.012	U		<0.0055	U		<0 023	U		<0 0059	U	
		VMP-47-5-012919	1/29/2019	<0.014	U		<0.007	U		<0.0052	U		<0 0095	U		<0.012	U		0.0022	J		<0 023	U		<0 0058	U	
		VMP-47-5-042519	4/25/2019	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0066			<0 025	U		<0 0062	U	
	10 ft	VMP-47-10-071918	7/19/2018	0.0039	J		0.00068	J		<0.0055	U		0.0046	J		<0.012	U		0.092			<0 024	U		<0 0062	U	
		VMP-47-10-102318	10/23/2018	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.014			<0 024	U		<0 0061	U	
		VMP-47-10-012919	1/29/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.03			<0 024	U		<0 0062	U	
		VMP-47-10-042519	4/25/2019	<0.014	U		<0.007	U		<0.0051	U		<0 0094	U		<0.012	U		0.046			<0 023	U		<0 0057	U	
	20 ft	VMP-47-20-071918	7/19/2018	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.018			<0 024	U		<0 0062	U	
		VMP-47-20-102318	10/23/2018	<0.014	J	U	<0.0073	U		<0.0053	U		<0 0098	U		<0.012	U		0.0028	J		<0 024	U		<0.006	U	
		VMP-47-20-012919	1/29/2019	<0.013	U		<0.0064	U		<0.0047	U		<0 0087	U		<0.011	U		0.0094			<0 021	U		<0 0053	U	
		VMP-47-20-042519	4/25/2019	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.013			<0 026	U		<0 0065	U	
	30 ft	VMP-47-30-071918	7/19/2018	0.0072	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.054			<0 025	U		<0 0063	U	
		VMP-47-30-102318	10/23/2018	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		0.017			<0 025	U		<0 0062	U	
		VMP-47-30-050319	5/3/2019	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.025			<0 025	U		<0 0062	U	
VMP-48	5 ft	VMP-48-5-072418	7/24/2018	<0.014	U		<0.007	U		<0.0051	U		<0 0095	U		<0.012	U		<0.0054	U		<0 023	U		<0 0058	U	
		VMP-48-5-102418	10/24/2018	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0 025	U		<0 0062	U	
		VMP-48-5-012319	1/23/2019	<0.014	U		<0.0071	U		<0.0052	U		<0 0096	U		<0.012	U		<0.0055	U		<0 023	U		<0 0058	U	
		VMP-48-5-042619	4/26/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 026	U		<0 0064	U	
	10 ft	VMP-48-10-072418	7/24/2018	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0 027	U		<0 0067	U	
		VMP-48-10-102418	10/24/2018	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0061	U	
		VMP-48-10-012319	1/23/2019	<0.014	U		<0.0068	U		<0 005	U		<0 0092	U		<0.011	U		<0.0053	U		<0 022	U		<0 0056	U	
		VMP-48-10-042619	4/26/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0 025	U		<0 0063	U	
	20 ft	VMP-48-20-102418	10/24/2018	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 025	U		<0 0064	U	
		VMP-48-20-012319	1/23/2019	<0.013	U		<0.0066	U		<0.0048	U		<0.009	U		<0.011	U		<0.0052	U		<0 022	U		<0 0055	U	
	30 ft	VMP-48-30-072418	7/24/2018	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0 025	U		<0 0063	U	
		VMP-48-30-102418	10/24/2018	0.0019	J		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0 025	U		<0 0062	U	
		VMP-48-30-012319	1/23/2019	<0.014	U		<0.007	U		<0.0051	U		<0 0094	U		<0.012	U		<0.0054	U		<0 023	U		<0 0057	U	
		VMP-48-30-042619	4/26/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0 025	U		<0 0063	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-49	5 ft	VMP-49-5-072018	7/20/2018	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 026	U		<0 0064	U	
		VMP-49-5-102318	10/23/2018	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0062	U	
		VMP-49-5-020119	2/1/2019	<0.014	U		<0.007	U		<0.0052	U		<0 0095	U		<0.012	U		<0.0055	U		<0 023	U		<0 0058	U	
		VMP-49-5-042919	4/29/2019	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0 026	U		<0 0066	U	
	10 ft	VMP-49-10-072018	7/20/2018	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0 025	U		<0 0063	U	
		VMP-49-10-102318	10/23/2018	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0019	J		<0 025	U		<0 0062	U	
		VMP-49-10-012119	1/21/2019	<0.013	U		<0.0066	U		<0.0048	U		<0 0089	U		<0.011	U		0.006			<0 022	U		<0 0054	U	
		VMP-49-10-042919	4/29/2019	<0.014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0 024	U		<0.006	U	
	20 ft	VMP-49-20-072018	7/20/2018	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0 026	U		<0 0066	U	
		VMP-49-20-102318	10/23/2018	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 026	U		<0 0064	U	
		VMP-49-20-012119	1/21/2019	<0.013	U		<0.0066	U		<0.0048	U		<0.009	U		<0.011	U		<0.0052	U		<0 022	U		<0 0055	U	
		VMP-49-20-042919	4/29/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0 024	U		<0 0061	U	
	30 ft	VMP-49-30-072018	7/20/2018	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0 026	U		<0 0066	U	
		VMP-49-30-102318	10/23/2018	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0 025	U		<0 0062	U	
		VMP-49-30-012119	1/21/2019	<0.013	U		<0.0065	U		<0.0048	U		<0 0088	U		<0.011	U		<0.0051	U		<0 021	U		<0 0054	U	
		VMP-49-30-042919	4/29/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0061	U	
		VMP-49-30-042919-DUP	4/29/2019	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0 026	U		<0 0066	U	
VMP-50	5 ft	VMP-50-5-072618	7/26/2018	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.035			<0 026	U		<0 0066	U	
		VMP-50-5-103018	10/30/2018	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0062	U	
		VMP-50-5-020519	2/5/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 026	U		<0 0064	U	
		VMP-50-5-042919	4/29/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0061	U	
	10 ft	VMP-50-10-072618	7/26/2018	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.099			<0 026	U		<0 0066	U	
		VMP-50-10-103018	10/30/2018	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.022			<0 026	U		<0 0064	U	
		VMP-50-10-012519	1/25/2019	<0.014	U		<0.007	U		<0.0051	U		<0 0094	U		<0.012	U		0.0011	J		<0 023	U		<0 0057	U	
		VMP-50-10-042919	4/29/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0018	J		<0 026	U		<0 0066	U	
	20 ft	VMP-50-20-072618	7/26/2018	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0036	J		<0 027	U		<0 0067	U	
		VMP-50-20-103018	10/30/2018	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.015			<0 027	U		<0 0067	U	
		VMP-50-20-020119	2/1/2019	<0.014	U		<0.0073	U		<0.0054	U		<0 0099	U		<0.012	U		0.0023	J		<0 024	U		<0.006	U	
		VMP-50-20-042919	4/29/2019	<0.014	U		<0.0072	U		<0.0053	U		<0 0098	U		<0.012	U		0.0052	J		<0 024	U		<0.006	U	
	30 ft	VMP-50-30-072618	7/26/2018	0.026	J		<0.15	U		<0.11	U		<0.21	U		<0.26	U		<0.12	U		<0.51	U		<0.13	U	
		VMP-50-30-103018	10/30/2018	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0062	U	
		VMP-50-30-012519	1/25/2019	<0.28	U		<0.14	U		<0.1	U		<0.19	U		<0.24	U		0.034	J		<0.46	U		<0.12	U	
		VMP-50-30-012519-DUP	1/25/2019	<0.26	U		<0.13	U		<0 094	U		<0.17	U		<0.22	U		<0.1	U		<0.42	U		<0.11	U	
		VMP-50-30-042919	4/29/2019	<0.15	U		<0.077	U		<0 057	U		<0.1	U		<0.13	U		0.021	J		<0.25	U		<0.064	U	
VMP-51	5 ft	VMP-51-5-071718	7/17/2018	<0.016	U		<0.0082	U		<0 006	U		<0.011	U		<0.014	U		<0.0064	U		<0 027	U		<0 0068	U	
		VMP-51-5-101918	10/19/2018	<0.014	U		<0.0072	U		<0.0053	U		<0 0098	U		<0.012	U		<0.0056	U		<0 024	U		<0.006	U	
		VMP-51-5-012319	1/23/2019	<0.014	U		<0.0071	U		<0.0052	U		<0 0096	U		<0.012	U		<0.0055	U		<0 023	U		<0 0058	U	
		VMP-51-5-050119	5/1/2019	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0 027	U		<0 0068	U	
	10 ft	VMP-51-10-071718	7/17/2018	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.0028	J		<0 026	U		<0 0066	U	
		VMP-51-10-101918	10/19/2018	<0.014	J	U	<0.007	U		<0.0051	U		<0 0094	U		<0.012	U		0.004	J		<0 023	U		<0 0057	U	
		VMP-51-10-012319	1/23/2019	<0.014	U		<0.0068	U		<0 005	U		<0 0093	U		<0.012	U		0.00092	J		<0 022	U		<0 0056	U	
		VMP-51-10-050119	5/1/2019	<0.014	U		<0.0073	U		<0.0053	U		<0 0098	U		<0.012	U		<0.0056	U		<0 024	U		<0.006	U	
	20 ft	VMP-51-20-071718	7/17/2018	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.001	J		<0 027	U		<0 0068	U	
		VMP-51-20-101918	10/19/2018	<0.014	U		<0.0072	U		<0.0052	U		<0 0097	U		<0.012	U		0.0014	J		<0 024	U		<0 0059	U	
		VMP-51-20-012319	1/23/2019	<0.013	U		<0.0067	U		<0.0049	U		<0 0091	U		<0.011	U		<0.0052	U		<0 022	U		<0 0055	U	
		VMP-51-20-050119	5/1/2019	<0.014	U		<0.0069	U		<0 005	U		<0 0093	U		<0.012	U		<0.0053	U		<0 023	U		<0 0057	U	
	30 ft	VMP-51-30-071718	7/17/2018	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0 026	U		<0 0065	U	
		VMP-51-30-071718-DUP	7/17/2018	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0 026	U		<0 0065	U	
		VMP-51-30-101918	10/19/2018	<0.014	J	U	<0.0069	U		<0 005	U		<0 0093	U		<0.012	U		0.00087	J		<0 023	U		<0 0057	U	
		VMP-51-30-101918-DUP	10/19/2018	<0.014	J	U	<0.0071	U		<0.0052	U		<0 0097	U		<0.012	U		0.0012	J		<0 023	U		<0 0059	U	
		VMP-51-30-012319	1/23/2019	<0.013	U		<0.0066	U		<0.0048	U		<0 0089	U		<0.011	U		0.00099	J		<0 022	U		<0 0054	U	
		VMP-51-30-050119	5/1/2019	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0 028	U		<0.007	U	
		VMP-51-30-050119-DUP	5/1/2019	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 025	U		<0 0064	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-52	5 ft	VMP-52-5-072018	7/20/2018	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0 025	U		<0 0062	U	
		VMP-52-5-102318	10/23/2018	<0.013	U		<0.0066	U		<0.0048	U		<0.009	U		<0.011	U		<0.0052	U		<0 022	U		<0 0055	U	
		VMP-52-5-013119	1/31/2019	<0.014	U		<0.0073	U		<0.0053	U		<0 0098	U		<0.012	U		<0.0056	U		<0 024	U		<0.006	U	
		VMP-52-5-050219	5/2/2019	<0.31	U		<0.15	U		<0.11	U		<0.21	U		<0.26	U		<0.12	U		<0.51	U		<0.13	U	
	10 ft	VMP-52-10-072018	7/20/2018	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		0.0014	J		<0 025	U		<0 0062	U	
		VMP-52-10-102318	10/23/2018	<0.014	U		<0.0072	U		<0.0053	U		<0 0098	U		<0.012	U		<0.0056	U		<0 024	U		<0 0059	U	
		VMP-52-10-013119	1/31/2019	<0.014	U		<0.007	U		<0.0052	U		<0 0095	U		<0.012	U		<0.0055	U		<0 023	U		<0 0058	U	
	20 ft	VMP-52-20-072018	7/20/2018	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0087			<0 025	U		<0 0063	U	
		VMP-52-20-102318	10/23/2018	0.0018	J		<0.007	U		<0.0051	U		<0 0094	U		<0.012	U		0.0093			0.004	J		<0 0057	U	
		VMP-52-20-013119	1/31/2019	<0.013	U		<0.0067	U		<0.0049	U		<0 0091	U		<0.011	U		0.0038	J		<0 022	U		<0 0055	U	
		VMP-52-20-013119-DUP	1/31/2019	<0.013	U		<0.0067	U		<0.0049	U		<0.009	U		<0.011	U		0.0018	J		<0 022	U		<0 0055	U	
		VMP-52-20-050219	5/2/2019	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0 026	U		<0 0066	U	
	30 ft	VMP-52-30-072018	7/20/2018	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.0067			<0 025	U		<0 0064	U	
		VMP-52-30-102318	10/23/2018	0.0023	J		<0.0064	U		<0.0047	U		<0 0087	U		<0.011	U		0.0057			<0 021	U		<0 0053	U	
		VMP-52-30-102318-DUP	10/23/2018	<0.013	U		<0.0068	U		<0 005	U		<0 0092	U		<0.011	U		0.006			<0 022	U		<0 0056	U	
		VMP-52-30-013119	1/31/2019	<0.013	U		<0.0065	U		<0.0047	U		<0 0088	U		<0.011	U		0.0022	J		<0 021	U		<0 0053	U	
		VMP-52-30-050219	5/2/2019	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.00094	J		<0 027	U		<0 0068	U	
VMP-53	5 ft	VMP-53-5-072518	7/25/2018	<0.016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0 026	U		<0 0064	U	
		VMP-53-5-102318	10/23/2018	0.002	J		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0061	U	
		VMP-53-5-011819	1/18/2019	<0.013	U		<0.0066	U		0.00082	J		<0 0089	U		<0.011	U		<0.0051	U		<0 022	U		0.00099	J	
		VMP-53-5-050319	5/3/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0 026	U		<0 0065	U	
		VMP-53-5-050319-DUP	5/3/2019	0.0031	J		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0061	U	
	10 ft	VMP-53-10-072518	7/25/2018	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.0017	J		<0 026	U		<0 0066	U	
		VMP-53-10-102318	10/23/2018	<0.014	U		<0.0073	U		<0.0053	U		<0 0099	U		<0.012	U		<0.0057	U		<0 024	U		<0.006	U	
		VMP-53-10-011819	1/18/2019	<0.014	U		<0.007	U		<0.0051	U		<0 0094	U		<0.012	U		<0.0054	U		<0 023	U		<0 0057	U	
		VMP-53-10-050319	5/3/2019	<0.052	U		<0.026	U		<0 019	U		<0.036	U		<0.044	U		<0 02	U		<0 086	U		<0.022	U	
	20 ft	VMP-53-20-072518	7/25/2018	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0031	J		<0 026	U		<0 0065	U	
		VMP-53-20-102318	10/23/2018	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.012			<0 025	U		<0 0064	U	
		VMP-53-20-011819	1/18/2019	<0.014	U		<0.0071	U		<0.0052	U		<0 0096	U		<0.012	U		0.0084			<0 023	U		<0 0058	U	
		VMP-53-20-050319	5/3/2019	<1.7	U		<0.85	U		<0.62	U		<1.2	U		<1.4	U		<0 66	U		<1.1	U		<0.7	U	
	30 ft	VMP-53-30-072518	7/25/2018	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.014			<0 026	U		<0 0064	U	
		VMP-53-30-102318	10/23/2018	0.002	J		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.031			<0 025	U		<0 0063	U	
		VMP-53-30-013119	1/31/2019	<0.013	U		<0.0067	U		<0.0049	U		<0 0091	U		<0.011	U		0.023			<0 022	U		<0 0055	U	
		VMP-53-30-050319	5/3/2019	<0.16	U		<0.08	U		<0 058	U		<0.11	U		<0.13	U		0.027	J		<0.26	U		<0.066	U	
VMP-54	5 ft	VMP-54-5-072518	7/25/2018	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0 027	U		<0 0069	U	
		VMP-54-5-102418	10/24/2018	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 025	U		<0 0064	U	
		VMP-54-5-011819	1/18/2019	<0.014	U		<0.007	U		<0.0051	U		<0 0094	U		<0.012	U		<0.0054	U		<0 023	U		<0 0057	U	
		VMP-54-5-042419	4/24/2019	<0.014	U		<0.0072	U		<0.0052	U		<0 0097	U		<0.012	U		<0.0056	U		<0 024	U		<0 0059	U	
	10 ft	VMP-54-10-072518	7/25/2018	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0 026	U		<0 0066	U	
		VMP-54-10-102418	10/24/2018	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0062	U	
		VMP-54-10-011819	1/18/2019	<0.013	U		<0.0068	U		<0.0049	U		<0 0092	U		<0.011	U		<0.0052	U		<0 022	U		<0 0056	U	
		VMP-54-10-042419	4/24/2019	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0 027	U		<0 0068	U	
	20 ft	VMP-54-20-072518	7/25/2018	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0 025	U		<0 0062	U	
		VMP-54-20-102418	10/24/2018	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0061	U	
		VMP-54-20-011819	1/18/2019	<0.014	U		<0.0069	U		<0.0051	U		<0 0094	U		<0.012	U		<0.0054	U		<0 023	U		<0 0057	U	
		VMP-54-20-042419	4/24/2019	<0.014	U		<0.007	U		<0.0052	U		<0 0095	U		<0.012	U		<0.0055	U		<0 023	U		<0 0058	U	
	30 ft	VMP-54-30-072518	7/25/2018	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.0022	J		0.003	J		<0 0064	U	
		VMP-54-30-102418	10/24/2018	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0012	J		<0 024	U		<0 0061	U	
		VMP-54-30-011819	1/18/2019	<0.014	U		<0.0069	U		<0.0051	U		<0 0094	U		<0.012	U		<0.0054	U		<0 023	U		<0 0057	U	
		VMP-54-30-042419	4/24/2019	<0.014	U		<0.0069	U		<0.0051	U		<0 0094	U		<0.012	U		<0.0054	U		<0 023	U		<0 0057	U	
VMP-56	10 ft	VMP-56-10-072618	7/26/2018	<0.016	J	U	<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		0.0027	J	J	<0 0064	U	
		VMP-56-10-102918	10/29/2018	<0.014	U		<0.0073	U		<0.0054	U		<0 0099	U		<0.012	U		<0.0057	U		<0 024	U		<0.006	U	
		VMP-56-10-012819	1/28/2019	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0 025	U		<0 0063	U	
		VMP-56-10-050119	5/1/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0 024	U		<0 0061	U	
	25 ft	VMP-56-25-072618	7/26/2018	0.003	J		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.0039	J		<0 025	U		<0 0064	U	
		VMP-56-25-102918	10/29/2018	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0013	J		<0 025	U		<0 0063	U	
		VMP-56-25-012819	1/28/2019	<0.014	U		<0.0071	U		<0.0052	U		<0 0096	U		<0.012	U		0.00088	J		<0 023	U		<0 0058	U	
		VMP-56-25-012819-DUP	1/28/2019	<0.014	U		<0.0072	U		<0.0053	U		<0 0098	U		<0.012	U		0.00093	J		<0 024	U		<0.006	U	
		VMP-56-25-050119	5/1/2019	<0.014	U		<0.0073	U		<0.0053	U		<0 0098	U		<0.012	U		0.00095	J		<0 024	U		<0.006	U	
	38.5 ft	VMP-56-38.5-072618	7/26/2018	<160	U		<81	U		<60	U		<110	U		<140	U		<63	U		<110	U		<67	U	
		VMP-56-38.5-102918	10/29/2018	<30	U		<15	U		<11	U		<20	U		<25	U		<12	U		<20	U		<12	U	
		VMP-56-38.5-012819	1/28/2019	<1100	U		<560	U		<410	U		<750	U		<930	U		<430	U		<730	U		<1800	U	
		VMP-56-38.5-050119	5/1/2019	<620	U		<310	U		<230	U		<420	U		<520	U		<240	U		<410	U		<260	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-072418	7/24/2018	0.002	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062			0.031			<0 0065	U	
		VMP-62-5-102418	10/24/2018	<0.014	U		<0.0069	U		<0 005	U		<0 0093	U		<0.012	U		<0.0053	U		<0 023	U		<0 0057	U	
		VMP-62-5-012819	1/28/2019	<0.014	U		<0.0073	U		<0.0053	U		<0 0099	U		<0.012	U		<0.0057	U		<0 024	U		<0.006	U	
		VMP-62-5-042619	4/26/2019	<0.015	U		<0.0076	U		0.0013	J		<0.01	U		<0.013	U		<0.0059	U		0.0046	J		<0 0063	U	
	10 ft	VMP-62-10-072418	7/24/2018	0.002	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.014			<0 026	U		<0 0065	U	
		VMP-62-10-102418	10/24/2018	<0.013	U		<0.0066	U		<0.0048	U		<0.009	U		<0.011	U		0.0078			<0 022	U		<0 0055	U	
		VMP-62-10-012819	1/28/2019	<0.014	U		<0.0071	U		<0.0052	U		<0 0096	U		<0.012	U		0.012			<0 023	U		<0 0058	U	
		VMP-62-10-042619	4/26/2019	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.012			<0 028	U		<0.007	U	
	20 ft	VMP-62-20-072418	7/24/2018	<0.015	U		<0.0077	U		<0.0057	U		0.0064	J		<0.013	U		0.12			<0 025	U		<0 0064	U	
		VMP-62-20-102418	10/24/2018	<0.014	U		<0.0072	U		<0.0052	U		<0 0097	U		<0.012	U		0.056			<0 024	U		<0 0059	U	
		VMP-62-20-012819	1/28/2019	<0.014	U		<0.007	U		<0.0051	U		<0 0095	U		<0.012	U		0.028			<0 023	U		<0 0058	U	
		VMP-62-20-042619	4/26/2019	0.0024	J		<0.0078	U		<0.0057	U		0.0046	J		<0.013	U		0.04			<0 026	U		<0 0064	U	
	30 ft	VMP-62-30-072418	7/24/2018	<0.016	U		<0.0082	U		<0 006	U		<0.011	U		<0.014	U		0.014			<0 027	U		<0 0068	U	
		VMP-62-30-102418	10/24/2018	<0.014	U		<0.0072	U		<0.0053	U		<0 0098	U		<0.012	U		0.0065			<0 024	U		<0 0059	U	
		VMP-62-30-102418-DUP	10/24/2018	<0.014	U		<0.0072	U		<0.0053	U		<0 0098	U		<0.012	U		0.0066			<0 024	U		<0 0059	U	
		VMP-62-30-020519	2/5/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0043	J		<0 026	U		<0 0065	U	
		VMP-62-30-042619	4/26/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0047	J		<0 024	U		<0 0062	U	
		VMP-62-30-042619-DUP	4/26/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0046	J		<0 025	U		<0 0063	U	
VMP-63	5 ft	VMP-63-5-071918	7/19/2018	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0 025	U		<0 0063	U	
		VMP-63-5-102218	10/22/2018	<0.014	U		<0.007	U		<0.0052	U		<0 0095	U		<0.012	U		<0.0055	U		<0 023	U		<0 0058	U	
		VMP-63-5-012919	1/29/2019	<0.014	U		<0.0069	U		<0.0051	U		<0 0094	U		<0.012	U		<0.0054	U		<0 023	U		<0 0057	U	
		VMP-63-5-042519	4/25/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0 026	U		<0 0064	U	
	10 ft	VMP-63-10-071918	7/19/2018	0.0028	J		<0.0066	U		<0.0048	U		<0 0089	U		<0.011	U		<0.0051	U		<0 022	U		<0 0054	U	
		VMP-63-10-102218	10/22/2018	<0.014	U		<0.0072	U		<0.0052	U		<0 0097	U		<0.012	U		<0.0056	U		<0 024	U		<0 0059	U	
		VMP-63-10-012919	1/29/2019	<0.013	U		<0.0068	U		<0 005	U		<0 0092	U		<0.011	U		<0.0053	U		<0 022	U		<0 0056	U	
		VMP-63-10-042519	4/25/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0 026	U		<0 0065	U	
	20 ft	VMP-63-20-071918	7/19/2018	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0 025	U		<0 0063	U	
		VMP-63-20-102218	10/22/2018	<0.014	U		<0.0071	U		<0.0052	U		<0 0096	U		<0.012	U		<0.0055	U		<0 023	U		<0 0058	U	
		VMP-63-20-012919	1/29/2019	<0.013	U		<0.0066	U		<0.0048	U		<0 0089	U		<0.011	U		<0.0051	U		<0 022	U		<0 0054	U	
		VMP-63-20-022719R	2/27/2019	<0.014	U		<0.0073	U		<0.0054	U		<0 0099	U		<0.012	U		<0.0057	U		<0 024	U		<0.006	U	
		VMP-63-20-042519	4/25/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0061	U	
		VMP-63-20-042519-DUP	4/25/2019	<0.014	U		<0.0072	U		<0.0052	U		<0 0097	U		<0.012	U		<0.0056	U		<0 024	U		<0 0059	U	
	30 ft	VMP-63-30-071918	7/19/2018	0.0082	J		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		0.0017	J		<0 0062	U	
		VMP-63-30-071918-DUP	7/19/2018	0.012	J		<0.0073	U		<0.0054	U		<0 0099	U		<0.012	U		<0.0057	U		<0 024	U		<0.006	U	
		VMP-63-30-102218	10/22/2018	<0.013	U		0.00075	J		<0 005	U		<0 0092	U		<0.011	U		<0.0053	U		<0 022	U		<0 0056	U	
		VMP-63-30-102218-DUP	10/22/2018	<0.014	U		<0.0071	U		<0.0052	U		<0 0096	U		0 0013	J		<0.0055	U		<0 023	U		<0 0058	U	
		VMP-63-30-020419	2/4/2019	<0.014	U		<0.0073	U		<0.0054	U		<0 0099	U		<0.012	U		<0.0057	U		<0 024	U		<0.006	U	
		VMP-63-30-050319	5/3/2019	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0 025	U		<0 0062	U	
VMP-64	5 ft	VMP-64-5-072318	7/23/2018	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0 025	U		<0 0063	U	
		VMP-64-5-102518	10/25/2018	<0.014	U		<0.0073	U		<0.0053	U		<0 0099	U		<0.012	U		<0.0057	U		<0 024	U		<0.006	U	
		VMP-64-5-012119	1/21/2019	<0.014	U		<0.0072	U		<0.0053	U		<0 0098	U		<0.012	U		<0.0056	U		<0 024	U		<0 0059	U	
		VMP-64-5-042619	4/26/2019	<0.014	U		<0.0073	U		<0.0054	U		<0 0099	U		<0.012	U		<0.0057	U		0.0022	J		<0.006	U	
	10 ft	VMP-64-10-072318	7/23/2018	<0.014	J	U	<0.0071	U		<0.0052	U		<0 0096	U		<0.012	U		<0.0055	U		<0 023	U		<0 0058	U	
		VMP-64-10-102518	10/25/2018	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.00097	J		0.0043	J		<0 0062	U	
		VMP-64-10-012119	1/21/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0 024	U		<0 0062	U	
		VMP-64-10-042619	4/26/2019	<0.014	U		<0.0073	U		<0.0054	U		<0 0099	U		<0.012	U		<0.0057	U		<0 024	U		<0.006	U	
	20 ft	VMP-64-20-072318	7/23/2018	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0095			<0 025	U		<0 0063	U	
		VMP-64-20-102518	10/25/2018	<0.014	U		<0.0068	U		<0 005	U		<0 0093	U		<0.012	U		0.0072			<0 022	U		<0 0056	U	
		VMP-64-20-102518-DUP	10/25/2018	<0.014	U		<0.0068	U		<0 005	U		<0 0093	U		<0.012	U		0.0071			<0 022	U		<0 0056	U	
		VMP-64-20-012119	1/21/2019	<0.014	U		<0.007	U		<0.0052	U		<0 0095	U		<0.012	U		0.0019	J		<0 023	U		<0 0058	U	
		VMP-64-20-042619	4/26/2019	<0.014	U		<0.0072	U		<0.0053	U		<0 0098	U		<0.012	U		<0.0056	U		<0 024	U		<0 0059	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-071818	7/18/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0 0048	U	
		VMP-1-5-102218	10/22/2018	<0.0044	U		<0.0098	U		<0.0077	U		<0 0077	U		<0.0077	U		0.0037	J		<0.0052	U		<0 0052	U	
		VMP-1-5-012319	1/23/2019	<0.0037	U		<0.0083	U		<0.0065	U		<0 0065	U		<0.0065	U		0.0025	J		<0.0044	U		<0 0044	U	
		VMP-1-5-043019	4/30/2019	<0.0044	U		<0.0098	U		<0.0077	U		<0 0077	U		<0.0077	U		0.0024	J		<0.0052	U		<0 0052	U	
	8.5 ft	VMP-1-8.5-071818	7/18/2018	<0.0044	U		<0.0099	U		<0.0078	U		<0 0078	U		<0.0078	U		0.0029	J		<0.0052	U		<0 0052	U	
		VMP-1-8.5-102218	10/22/2018	<0.0038	U		<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0029	J		<0.0045	U		<0 0045	U	
		VMP-1-8.5-012319	1/23/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0022	J		<0.0044	U		<0 0044	U	
		VMP-1-8.5-043019	4/30/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0 0048	U	
	23.5 ft	VMP-1-23.5-071818	7/18/2018	<0.0045	U		<0.01	U		<0.0078	U		<0 0078	U		<0.0078	U		0.0022	J		<0.0053	U		<0 0053	U	
		VMP-1-23.5-102218	10/22/2018	0.003	J		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0037	J		<0.0048	U		<0 0048	U	
		VMP-1-23.5-102218-DUP	10/22/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.004	J		<0.0049	U		<0 0049	U	
		VMP-1-23.5-012319	1/23/2019	<0.0037	U		<0.0083	U		<0.0065	U		<0 0065	U		<0.0065	U		0.0027	J		<0.0044	U		<0 0044	U	
		VMP-1-23.5-012319-DUP	1/23/2019	<0.0037	U		<0.0082	U		<0.0064	U		<0 0064	U		<0.0064	U		0.0023	J		<0.0043	U		<0 0043	U	
		VMP-1-23.5-043019	4/30/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0 0048	U	
VMP-2	5 ft	VMP-2-5-072418	7/24/2018	<0.0041	U		<0.0091	U		<0.0071	U		<0 0071	U		<0.0071	U		0.0031	J		<0.0048	U		<0 0048	U	
		VMP-2-5-102418	10/24/2018	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0 0049	U	
		VMP-2-5-012319	1/23/2019	<0.0037	U		<0.0082	U		<0.0064	U		<0 0064	U		<0.0064	U		0.0027	J		<0.0043	U		<0 0043	U	
		VMP-2-5-042619	4/26/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0025	J		<0 005	U		<0.005	U	
	8.5 ft	VMP-2-8.5-072418	7/24/2018	<0.0039	U		<0.0087	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0029	J		<0.0046	U		<0 0046	U	
		VMP-2-8.5-102418	10/24/2018	<0.004	U		<0.009	U		<0.0071	U		<0 0071	U		<0.0071	U		<0.0058	U		<0.0048	U		<0 0048	U	
		VMP-2-8.5-012319	1/23/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0 0045	U	
		VMP-2-8.5-042619	4/26/2019	0.023			<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0 0049	U	
	22 ft	VMP-2-22-072418	7/24/2018	<0.0043	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0042	J		<0 005	U		<0.005	U	
		VMP-2-22-072418-DUP	7/24/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0031	J		<0.0048	U		<0 0048	U	
		VMP-2-22-102418	10/24/2018	<0.0037	U		<0.0083	U		<0.0065	U		<0 0065	U		<0.0065	U		0.0026	J		<0.0044	U		<0 0044	U	
		VMP-2-22-102418-DUP	10/24/2018	<0.0041	U		<0.0091	U		<0.0071	U		<0 0071	U		<0.0071	U		0.002	J		<0.0048	U		<0 0048	U	
		VMP-2-22-012319	1/23/2019	<0.0038	U		<0.0085	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0025	J		<0.0045	U		<0 0045	U	
		VMP-2-22-042619	4/26/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0 0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0 0051	U	
		VMP-2-22-042619-DUP	4/26/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0 0048	U	
VMP-3	5 ft	VMP-3-5-072318	7/23/2018	<0.0044	U		<0.0098	U		<0.0077	U		<0 0077	U		<0.0077	U		0.0026	J		<0.0052	U		<0 0052	U	
		VMP-3-5-102918	10/29/2018	<0.0041	U		<0.0091	U		<0.0071	U		<0 0071	U		<0.0071	U		0.002	J		<0.0048	U		<0 0048	U	
		VMP-3-5-012419	1/24/2019	0 00079	J		<0.0089	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0025	J		<0.0047	U		<0 0047	U	
		VMP-3-5-042919	4/29/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0033	J		<0.0046	U		<0 0046	U	
	10 ft	VMP-3-10-072318	7/23/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0028	J		<0 005	U		<0.005	U	
		VMP-3-10-102918	10/29/2018	<0.0038	U		<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0 0045	U	
		VMP-3-10-020119	2/1/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0022	J		<0 005	U		<0.005	U	
		VMP-3-10-042919	4/29/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0035	J		<0.0049	U		<0 0049	U	
	22 ft	VMP-3-22-072318	7/23/2018	<0.0044	U		<0.0097	U		<0.0076	U		<0 0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0 0051	U	
		VMP-3-22-102918	10/29/2018	0.0026	J		<0.0088	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0027	J		<0.0046	U		<0 0046	U	
		VMP-3-22-012419	1/24/2019	0.0026	J		<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0 0045	U	
		VMP-3-22-042919	4/29/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0028	J		<0.0049	U		<0 0049	U	
	31.5 ft	VMP-3-31.5-072318	7/23/2018	<0.0043	U		<0.0096	U		<0.0075	U		<0 0075	U		<0.0075	U		0.01			<0 005	U		0.0013	J	
		VMP-3-31.5-102918	10/29/2018	<0.0041	U		<0.0091	U		<0.0072	U		<0 0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0 0048	U	
		VMP-3-31.5-012419	1/24/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0096			<0.0045	U		<0 0045	U	
		VMP-3-31.5-042919	4/29/2019	0.0043			<0.0091	U		<0.0072	U		<0 0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0 0048	U	
	39 ft	VMP-3-39-072318	7/23/2018	<0.0047	U		<0.01	U		<0.0082	U		<0 0082	U		<0.0082	U		0.0034	J		<0.0055	U		<0 0055	U	
		VMP-3-39-102918	10/29/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0031	J		<0.0049	U		<0 0049	U	
		VMP-3-39-012419	1/24/2019	<0.0036	U		<0.0081	U		<0.0063	U		<0 0063	U		<0.0063	U		0.0024	J		<0.0042	U		<0 0042	U	
		VMP-3-39-012419-DUP	1/24/2019	0 00063	J		<0.008	U		<0.0062	U		<0 0062	U		<0.0062	U		0.0031	J		<0.0042	U		<0 0042	U	
VMP-4	5 ft	VMP-4-5-072318	7/23/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0024	J		<0 005	U		<0.005	U	
		VMP-4-5-102918	10/29/2018	<0.0042	U		<0.0094	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0 0049	U	
		VMP-4-5-012119	1/21/2019	<0.0039	U		<0.0087	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0023	J		<0.0046	U		<0 0046	U	
		VMP-4-5-043019	4/30/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0025	J		<0 005	U		<0.005	U	
	12 ft	VMP-4-12-072318	7/23/2018	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0017	J		<0.0049	U		<0 0049	U	
		VMP-4-12-102918	10/29/2018	<0.0043	U		<0.0097	U		<0.0076	U		<0 0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0 0051	U	
		VMP-4-12-012119	1/21/2019	<0.0037	U		<0.0083	U		<0.0065	U		<0 0065	U		<0.0065	U		0.0025	J		<0.0044	U		<0 0044	U	
		VMP-4-12-043019	4/30/2019	<0.0048	U		<0.011	U		<0.0084	U		<0 0084	U		<0.0084	U		0.0024	J		<0.0056	U		<0 0056	U	
	23.5 ft	VMP-4-23.5-072318	7/23/2018	<0.0044	U		<0.0098	U		<0.0076	U		<0 0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0 0051	U	
		VMP-4-23.5-072318-DUP	7/23/2018	<0.0042	U		<0.0094	U		<0.0073	U		<0 0073	U		<0.0073	U		0.002	J		<0.0049	U		<0 0049	U	
		VMP-4-23.5-102918	10/29/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.002	J		<0.0048	U		<0 0048	U	
		VMP-4-23.5-012119	1/21/2019	<0.0036	U		<0.008	U		<0.0062	U		<0 0062	U		<0.0062	U		0.0024	J		<0.0042	U		<0 0042	U	
		VMP-4-23.5-043019	4/30/2019	<0.0044	U		<0.0097	U		<0.0076	U		<0 0076	U		<0.0076	U		0.0022	J		<0.0051	U		<0 0051	U	

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

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-5	5 ft	VMP-5-5-071818	7/18/2018	<0.0045	U		<0.01	U		<0.0079	U		<0 0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0 0053	U	
		VMP-5-5-101918	10/19/2018	<0.0039	U		<0.0087	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0022	J		<0.0046	U		<0 0046	U	
		VMP-5-5-012219	1/22/2019	0.028			<0.008	U		<0.0062	U		<0 0062	U		<0.0062	U		0.0026	J		<0.0042	U		0.0015	J	
		VMP-5-5-050119	5/1/2019	<0.0045	U		<0.01	U		<0.0079	U		<0 0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0 0053	U	
	12.5 ft	VMP-5-12.5-071818	7/18/2018	<0.0043	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0025	J		<0 005	U		<0.005	U	
		VMP-5-12.5-101918	10/19/2018	<0.0038	U		<0.0085	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0024	J		<0.0045	U		<0 0045	U	
		VMP-5-12.5-012219	1/22/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0029	J		<0.0045	U		<0 0045	U	
		VMP-5-12.5-050119	5/1/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0 0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0 0051	U	
	31 ft	VMP-5-31-071818	7/18/2018	<0.0044	U		<0.0098	U		<0.0076	U		<0 0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0 0051	U	
		VMP-5-31-101918	10/19/2018	<0.004	U		<0.0088	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0022	J		<0.0046	U		<0 0046	U	
		VMP-5-31-012219	1/22/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0 0045	U	
		VMP-5-31-050119	5/1/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0 0075	U		<0.0075	U		<0.0062	U		<0 005	U		<0.005	U	
	40 ft	VMP-5-40-071818	7/18/2018	0.0076			<0.0096	U		<0.0075	U		<0 0075	U		<0.0075	U		0.0025	J		<0 005	U		<0.005	U	
		VMP-5-40-101918	10/19/2018	0.0015	J		0.00074	J		<0 007	U		<0.007	U		<0.007	U		0.0026	J		<0.0047	U		<0 0047	U	
		VMP-5-40-020419	2/4/2019	<0.0043	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0027	J		<0 005	U		<0.005	U	
		VMP-5-40-050119	5/1/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0022	J		<0.0045	U		<0 0045	U	
VMP-6	5 ft	VMP-6-5-071918	7/19/2018	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0 0049	U	
		VMP-6-5-102218	10/22/2018	<0.0044	U		<0.0099	U		<0.0077	U		<0 0077	U		<0.0077	U		0.0032	J		<0.0052	U		<0 0052	U	
		VMP-6-5-013119	1/31/2019	0.0098			<0.0083	U		<0.0065	U		<0 0065	U		<0.0065	U		0.0023	J		<0.0044	U		<0 0044	U	
		VMP-6-5-042519	4/25/2019	<0.0039	U		<0.0087	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0029	J		<0.0046	U		<0 0046	U	
	10 ft	VMP-6-10-071918	7/19/2018	<0.0042	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0023	J		<0 005	U		<0.005	U	
		VMP-6-10-102218	10/22/2018	<0.004	U		<0.009	U		<0 007	U		<0.007	U		<0.007	U		0.0041	J		<0.0047	U		<0 0047	U	
		VMP-6-10-012219	1/22/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0027	J		<0.0044	U		<0 0044	U	
		VMP-6-10-042519	4/25/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0031	J		<0.0048	U		<0 0048	U	
	31.5 ft	VMP-6-31.5-071918	7/19/2018	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0029	J		<0.0049	U		<0 0049	U	
		VMP-6-31.5-102218	10/22/2018	0.0014	J		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0035	J		<0.0048	U		<0 0048	U	
		VMP-6-31.5-020119	2/1/2019	0.086			<0.017	U		<0 013	U		<0.013	U		<0.013	U		<0.011	U		<0.0091	U		<0 0091	U	
		VMP-6-31.5-042519	4/25/2019	0.045			<0.01	U		<0.0078	U		<0 0078	U		<0.0078	U		0.0026	J		<0.0052	U		<0 0052	U	
	39 ft	VMP-6-39-071918	7/19/2018	<0.0042	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0027	J		<0 005	U		<0.005	U	
		VMP-6-39-102218	10/22/2018	<0.004	U		<0.009	U		<0 007	U		<0.007	U		<0.007	U		0.0042	J		<0.0047	U		<0 0047	U	
		VMP-6-39-012219	1/22/2019	<0.0038	U		<0.0085	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0025	J		<0.0045	U		<0 0045	U	
		VMP-6-39-042519	4/25/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0032	J		<0.0049	U		<0 0049	U	
VMP-7	5 ft	VMP-7-5-071918	7/19/2018	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0019	J		<0.0049	U		<0 0049	U	
		VMP-7-5-102218	10/22/2018	<0.0044	U		<0.0098	U		<0.0077	U		<0 0077	U		<0.0077	U		0.0035	J		<0.0052	U		<0 0052	U	
		VMP-7-5-012219	1/22/2019	<0.0037	U		<0.0082	U		<0.0064	U		<0 0064	U		<0.0064	U		0.0024	J		<0.0043	U		<0 0043	U	
		VMP-7-5-042519	4/25/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0 0075	U		<0.0075	U		0.0028	J		<0 005	U		<0.005	U	
	13.5 ft	VMP-7-13.5-071918	7/19/2018	<0.0041	U		<0.0091	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0 0048	U	
		VMP-7-13.5-102218	10/22/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0036	J		<0 005	U		<0.005	U	
		VMP-7-13.5-020119	2/1/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0 0049	U	
		VMP-7-13.5-042519	4/25/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0027	J		<0.0049	U		<0 0049	U	
	29.5 ft	VMP-7-29.5-071918	7/19/2018	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.003	J		<0.0049	U		<0 0049	U	
		VMP-7-29.5-102218	10/22/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0035	J		<0 005	U		<0.005	U	
		VMP-7-29.5-020119	2/1/2019	<0.004	U		<0.009	U		<0 007	U		<0.007	U		<0.007	U		0.0023	J		<0.0047	U		<0 0047	U	
		VMP-7-29.5-042519	4/25/2019	<0.0049	U		<0.011	U		<0.0085	U		<0 0085	U		<0.0085	U		0.0027	J		<0.0057	U		<0 0057	U	
	38 ft	VMP-7-38-071918	7/19/2018	<0.0042	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0028	J		<0 005	U		<0.005	U	
		VMP-7-38-071918-DUP	7/19/2018	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0035	J		<0.0049	U		<0 0049	U	
		VMP-7-38-102218	10/22/2018	<0.0047	U		<0.01	U		<0.0081	U		<0 0081	U		<0.0081	U		0.0037	J		<0.0055	U		<0 0055	U	
		VMP-7-38-012219	1/22/2019	<0.0036	U		<0.0081	U		<0.0063	U		<0 0063	U		<0.0063	U		0.0024	J		<0.0042	U		<0 0042	U	
		VMP-7-38-042519	4/25/2019	<0.0044	U		<0.0099	U		<0.0077	U		<0 0077	U		<0.0077	U		0.0034	J		<0.0052	U		<0 0052	U	
		VMP-7-38-042519-DUP	4/25/2019	<0.0041	U		<0.0091	U		0.0032	J		<0 0071	U		<0.0071	U		0.0027	J		<0.0048	U		<0 0048	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-072518	7/25/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0026	J		<0.0049	U		<0 0049	U	
		VMP-8-5-102418	10/24/2018	<0.0041	U		<0.0091	U		<0.0071	U		<0 0071	U		<0.0071	U		0.0017	J		<0.0048	U		<0 0048	U	
		VMP-8-5-011819	1/18/2019	<0.0036	U		<0.0081	U		<0.0063	U		<0 0063	U		<0.0063	U		0.0027	J		<0.0042	U		<0 0042	U	
		VMP-8-5-042419	4/24/2019	<0.004	U		<0.009	U		<0 007	U		<0.007	U		<0.007	U		0.0032	J		<0.0047	U		<0 0047	U	
	9.5 ft	VMP-8-9.5-072518	7/25/2018	<0.0044	U		<0.0099	U		<0.0077	U		<0 0077	U		<0.0077	U		0.0028	J		<0.0052	U		<0 0052	U	
		VMP-8-9.5-102418	10/24/2018	<0.004	U		<0.009	U		<0.0071	U		<0 0071	U		<0.0071	U		0.0023	J		<0.0048	U		<0 0048	U	
		VMP-8-9.5-011819	1/18/2019	0 00062	J		<0.0083	U		<0.0065	U		<0 0065	U		<0.0065	U		0.0026	J		<0.0044	U		<0 0044	U	
		VMP-8-9.5-042419	4/24/2019	0.067			<0.009	U		<0 007	U		<0.007	U		<0.007	U		0.003	J		<0.0047	U		<0 0047	U	
	23.5 ft	VMP-8-23.5-072518	7/25/2018	<0.0043	U		<0.0096	U		<0.0075	U		<0 0075	U		<0.0075	U		0.0027	J		<0 005	U		<0.005	U	
		VMP-8-23.5-102418	10/24/2018	<0.004	U		<0.0088	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0025	J		<0.0046	U		<0 0046	U	
		VMP-8-23.5-011819	1/18/2019	<0.004	U		<0.009	U		<0 007	U		<0.007	U		<0.007	U		0.0021	J		<0.0047	U		<0 0047	U	
		VMP-8-23.5-022719R	2/27/2019	0.0032	J		<0.0085	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0023	J		<0.0045	U		<0 0045	U	
		VMP-8-23.5-042419	4/24/2019	<0.004	U		<0.009	U		<0 007	U		<0.007	U		<0.007	U		0.0027	J		<0.0047	U		<0 0047	U	
	35.5 ft	VMP-8-35.5-072518	7/25/2018	<0.0042	U		<0.0094	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0027	J		<0.0049	U		<0 0049	U	
		VMP-8-35.5-072518-DUP	7/25/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0027	J		<0.0049	U		<0 0049	U	
		VMP-8-35.5-102418	10/24/2018	<0.004	U		<0.009	U		<0 007	U		<0.007	U		<0.007	U		0.0025	J		<0.0047	U		<0 0047	U	
		VMP-8-35.5-011819	1/18/2019	<0.0036	U		<0.008	U		<0.0062	U		<0 0062	U		<0.0062	U		0.0026	J		<0.0042	U		<0 0042	U	
		VMP-8-35.5-042419	4/24/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0031	J		<0.0048	U		<0 0048	U	
		VMP-8-35.5-042419-DUP	4/24/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0024	J		<0.0046	U		<0 0046	U	
VMP-9	5 ft	VMP-9-5-071918	7/19/2018	<0.0044	U		<0.0098	U		<0.0076	U		<0 0076	U		<0.0076	U		0.0031	J		<0.0051	U		<0 0051	U	
		VMP-9-5-102318	10/23/2018	<0.0042	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0026	J		<0 005	U		<0.005	U	
		VMP-9-5-012519	1/25/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0022	J		<0.0044	U		<0 0044	U	
		VMP-9-5-042419	4/24/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0027	J		<0 005	U		<0.005	U	
	11.5 ft	VMP-9-11.5-071918	7/19/2018	<0.0045	U		<0.01	U		<0.0079	U		<0 0079	U		<0.0079	U		0.0032	J		<0.0053	U		<0 0053	U	
		VMP-9-11.5-102318	10/23/2018	<0.0042	U		<0.0094	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0 0049	U	
		VMP-9-11.5-013119	1/31/2019	<0.0037	U		<0.0083	U		<0.0065	U		<0 0065	U		<0.0065	U		0.0026	J		<0.0044	U		<0 0044	U	
		VMP-9-11.5-042419	4/24/2019	<0.0043	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0035	J		<0 005	U		<0.005	U	
	25.5 ft	VMP-9-25.5-071918	7/19/2018	<0.0043	U		<0.0096	U		<0.0075	U		<0 0075	U		<0.0075	U		0.0028	J		<0 005	U		<0.005	U	
		VMP-9-25.5-102318	10/23/2018	<0.004	U		<0.0088	U		<0.0069	U		<0 0069	U		<0.0069	U		<0.0057	U		<0.0046	U		<0 0046	U	
		VMP-9-25.5-011819	1/18/2019	<0.0037	U		<0.0082	U		<0.0064	U		<0 0064	U		<0.0064	U		0.0022	J		<0.0043	U		<0 0043	U	
		VMP-9-25.5-042419	4/24/2019	<0.0039	U		<0.0086	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0026	J		<0.0046	U		<0 0046	U	
	38.5 ft	VMP-9-38.5-071918	7/19/2018	<0.0044	U		<0.0098	U		<0.0077	U		<0 0077	U		<0.0077	U		0.0028	J		<0.0052	U		<0 0052	U	
		VMP-9-38.5-102318	10/23/2018	<0.0038	U		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		<0.0054	U		<0.0044	U		<0 0044	U	
		VMP-9-38.5-011819	1/18/2019	<0.0037	U		<0.0082	U		<0.0064	U		<0 0064	U		<0.0064	U		0.0024	J		<0.0043	U		<0 0043	U	
		VMP-9-38.5-011819-DUP	1/18/2019	<0.0037	U		<0.0083	U		<0.0065	U		<0 0065	U		<0.0065	U		0.0026	J		<0.0044	U		<0 0044	U	
		VMP-9-38.5-042419	4/24/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0031	J		<0.0049	U		<0 0049	U	
		VMP-9-38.5-042419-DUP	4/24/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.003	J		<0 005	U		<0.005	U	
VMP-18	8.5 ft	VMP-18-8.5-080718	8/7/2018	<0.004	U		<0.009	U		<0 007	U		<0.007	U		<0.007	U		0.0025	J		<0.0047	U		<0 0047	U	
		VMP-18-8.5-102618	10/26/2018	<0.0039	U		<0.0087	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0024	J		<0.0046	U		<0 0046	U	
		VMP-18-8.5-012519	1/25/2019	<0.0041	U		<0.0091	U		<0.0071	U		<0 0071	U		<0.0071	U		0.0028	J		<0.0048	U		<0 0048	U	
		VMP-18-8.5-043019	4/30/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0023	J		<0 005	U		<0.005	U	
VMP-19	5 ft	VMP-19-5-073018	7/30/2018	<0.004	U		<0.009	U		<0 007	U		<0.007	U		<0.007	U		0.003	J		<0.0047	U		<0 0047	U	
		VMP-19-5-073018-DUP	7/30/2018	<0.0038	U		<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0027	J		<0.0045	U		<0 0045	U	
		VMP-19-5-103118	10/31/2018	<0.0044	U		<0.0098	U		<0.0076	U		<0 0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0 0051	U	
		VMP-19-5-103118-DUP	10/31/2018	<0.0038	U		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0026	J		<0.0044	U		<0 0044	U	
		VMP-19-5-012219	1/22/2019	<0.0035	U		<0.0079	U		<0.0062	U		<0 0062	U		<0.0062	U		0.0026	J		<0.0042	U		<0 0042	U	
		VMP-19-5-043019	4/30/2019	<0.0043	U		<0.0095	U		<0.0074	U		0.0052	J		<0.0074	U		0.0025	J		<0 005	U		<0.005	U	
		VMP-19-5-043019-Dup	4/30/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.002	J		<0 005	U		<0.005	U	
VMP-20	5 ft	VMP-20-5-071818	7/18/2018	<0.0042	U		<0.0094	U		<0.0073	U		<0 0073	U		<0.0073	U		0.002	J		<0.0049	U		<0 0049	U	
		VMP-20-5-102418	10/24/2018	<0.0038	U		<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0 0045	U	
		VMP-20-5-012119	1/21/2019	1 5			<0.4	U		<0.31	U		<0.31	U		<0.31	U		<0 25	U		<0.21	U		<0.21	U	
		VMP-20-5-042619	4/26/2019	<0.0082	U		<0.018	U		<0 014	U		<0.014	U		<0.014	U		0.0025	J		<0.0096	U		<0 0096	U	
	10 ft	VMP-20-10-071818	7/18/2018	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0025	J		<0.0049	U		<0 0049	U	
		VMP-20-10-102418	10/24/2018	<0.0039	U		<0.0087	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0028	J		<0.0046	U		<0 0046	U	
		VMP-20-10-012119	1/21/2019	0.073			<0.11	U		<0 084	U		<0.084	U		<0.084	U		<0.069	U		<0 057	U		<0.057	U	
		VMP-20-10-042619	4/26/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0023	J		<0 005	U		<0.005	U	
	25 ft	VMP-20-25-071818	7/18/2018	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0028	J		<0.0049	U		<0 0049	U	
		VMP-20-25-102418	10/24/2018	<0.0038	U		<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0034	J		<0.0045	U		<0 0045	U	
		VMP-20-25-012119	1/21/2019	0 00057	J		<0.0081	U		<0.0063	U		<0 0063	U		<0.0063	U		0.0026	J		<0.0042	U		<0 0042	U	
		VMP-20-25-012119-DUP	1/21/2019	<0.0036	U		<0.008	U		<0.0063	U		<0 0063	U		<0.0063	U		0.0022	J		<0.0042	U		<0 0042	U	
		VMP-20-25-042619	4/26/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0 0048	U	
	39.5 ft	VMP-20-39.5-071818	7/18/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0039	J		<0 005	U		<0.005	U	
		VMP-20-39.5-071818-DUP	7/18/2018	<0.0044	U		<0.0099	U		<0.0078	U		<0 0078	U		<0.0078	U		0.0035	J		<0.0052	U		0.0016	J	
		VMP-20-39.5-102418	10/24/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0029	J		<0 005	U		<0.005	U	
		VMP-20-39.5-020519	2/5/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		<0.0061	U		<0 005	U		<0.005	U	
		VMP-20-39.5-042619	4/26/2019	<0.0039	U		<0.0088	U		<0.0068	U		<0 0068	U		<0.0068	U		0.011			<0.0046	U		<0 0046	U	

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

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-21	5 ft	VMP-21-5-072318	7/23/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0016	J		<0.0048	U		<0 0048	U	
		VMP-21-5-102318	10/23/2018	<0.0039	U		<0.0087	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0032	J		<0.0046	U		<0 0046	U	
		VMP-21-5-012119	1/21/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0021	J		<0.0044	U		<0 0044	U	
		VMP-21-5-042619	4/26/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.003	J		<0 005	U		<0.005	U	
	10 ft	VMP-21-10-072318	7/23/2018	<0.0041	U		<0.0091	U		<0.0071	U		<0 0071	U		<0.0071	U		0.0018	J		<0.0048	U		<0 0048	U	
		VMP-21-10-102318	10/23/2018	<0.004	U		<0.0088	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0034	J		<0.0046	U		<0 0046	U	
		VMP-21-10-012119	1/21/2019	<0.004	U		<0.009	U		<0 007	U		<0.007	U		<0.007	U		0.0026	J		<0.0047	U		<0 0047	U	
		VMP-21-10-042619	4/26/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0022	J		<0 005	U		<0.005	U	
	25 ft	VMP-21-25-072318	7/23/2018	0.0045			<0.0089	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0023	J		<0.0047	U		<0 0047	U	
		VMP-21-25-102318	10/23/2018	0.0031	J		<0.0083	U		<0.0065	U		<0 0065	U		<0.0065	U		0.0028	J		<0.0044	U		<0 0044	U	
		VMP-21-25-012119	1/21/2019	<0.004	U		<0.0089	U		<0 007	U		<0.007	U		<0.007	U		0.0025	J		<0.0047	U		<0 0047	U	
		VMP-21-25-042619	4/26/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.002	J		<0.0049	U		<0 0049	U	
	33 ft	VMP-21-33-072318	7/23/2018	0.0015	J		<0.0097	U		<0.0076	U		<0 0076	U		<0.0076	U		0.003	J		<0.0051	U		<0 0051	U	
		VMP-21-33-102318	10/23/2018	<0.0037	U		<0.0083	U		<0.0065	U		<0 0065	U		<0.0065	U		0.0036	J		<0.0044	U		<0 0044	U	
		VMP-21-33-102318-DUP	10/23/2018	<0.0037	U		<0.0083	U		<0.0065	U		<0 0065	U		<0.0065	U		0.0031	J		<0.0044	U		<0 0044	U	
		VMP-21-33-012119	1/21/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0028	J		<0.0048	U		<0 0048	U	
		VMP-21-33-012119-DUP	1/21/2019	0 00067	J		<0.0079	U		<0.0062	U		<0 0062	U		<0.0062	U		0.0025	J		<0.0041	U		<0 0041	U	
		VMP-21-33-042619	4/26/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0027	J		<0.0049	U		<0 0049	U	
VMP-22	5 ft	VMP-22-5-071818	7/18/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0026	J		<0 005	U		<0.005	U	
		VMP-22-5-101918	10/19/2018	<0.0038	U		<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0 0045	U	
		VMP-22-5-012819	1/28/2019	<0.004	U		<0.0089	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0026	J		<0.0047	U		<0 0047	U	
		VMP-22-5-043019	4/30/2019	<0.004	U		<0.0088	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0023	J		<0.0046	U		<0 0046	U	
	10 ft	VMP-22-10-071818	7/18/2018	<0.0042	U		<0.0094	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0022	J		<0.0049	U		<0 0049	U	
		VMP-22-10-101918	10/19/2018	<0.004	U		<0.009	U		<0 007	U		<0.007	U		<0.007	U		<0.0058	U		<0.0047	U		<0 0047	U	
		VMP-22-10-012819	1/28/2019	<0.004	U		<0.0089	U		<0 007	U		<0.007	U		<0.007	U		0.0025	J		<0.0047	U		<0 0047	U	
	18 ft	VMP-22-18-071818	7/18/2018	<0.0043	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0024	J		<0 005	U		<0.005	U	
		VMP-22-18-101918	10/19/2018	<0.0038	U		<0.0085	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0022	J		<0.0045	U		<0 0045	U	
		VMP-22-18-012819	1/28/2019	<0.0038	U		<0.0085	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0025	J		<0.0045	U		<0 0045	U	
		VMP-22-18-043019	4/30/2019	<0.004	U		<0.0089	U		<0 007	U		<0.007	U		<0.007	U		0.0026	J		<0.0047	U		<0 0047	U	
	38 ft	VMP-22-38-071818	7/18/2018	0.16		J	<0.013	U		<0.01	U		<0.01	U		<0.01	U		0.0022	J		<0.0068	U		<0 0068	U	
		VMP-22-38-071818-DUP	7/18/2018	0.0014	J	J	<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0023	J		<0 005	U		<0.005	U	
		VMP-22-38-101918	10/19/2018	0.028			<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		<0.0054	U		<0.0044	U		<0 0044	U	
		VMP-22-38-012819	1/28/2019	<0.004	U		<0.0089	U		<0 007	U		<0.007	U		<0.007	U		0.0026	J		<0.0047	U		<0 0047	U	
		VMP-22-38-012819-DUP	1/28/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0 0075	U		<0.0075	U		0.0024	J		<0 005	U		<0.005	U	
		VMP-22-38-043019	4/30/2019	0.0095			<0.009	U		<0 007	U		<0.007	U		<0.007	U		0.0027	J		<0.0047	U		<0 0047	U	
VMP-23	5 ft	VMP-23-5-071718	7/17/2018	<0.0045	U		<0.01	U		<0.0079	U		<0 0079	U		<0.0079	U		0.0051	J		<0.0053	U		<0 0053	U	
		VMP-23-5-101918	10/19/2018	0.0047			<0.0082	U		<0.0064	U		<0 0064	U		<0.0064	U		0.0032	J		<0.0043	U		<0 0043	U	
		VMP-23-5-012319	1/23/2019	<0.0039	U		<0.0086	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0029	J		<0.0046	U		<0 0046	U	
		VMP-23-5-042919	4/29/2019	0.0019	J		<0.0094	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0036	J		<0.0049	U		<0 0049	U	
	10 ft	VMP-23-10-071718	7/17/2018	<0.0043	U		<0.0097	U		<0.0076	U		<0 0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0 0051	U	
		VMP-23-10-101918	10/19/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0029	J		<0 005	U		<0.005	U	
		VMP-23-10-012319	1/23/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0032	J		<0.0044	U		<0 0044	U	
		VMP-23-10-042919	4/29/2019	<0.004	U		<0.009	U		<0.0071	U		<0 0071	U		<0.0071	U		0.0031	J		<0.0048	U		<0 0048	U	
	25 ft	VMP-23-25-071718	7/17/2018	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0043	J		<0.0049	U		<0 0049	U	
		VMP-23-25-101918	10/19/2018	<0.004	U		<0.0089	U		<0 007	U		<0.007	U		<0.007	U		0.0026	J		<0.0047	U		<0 0047	U	
		VMP-23-25-012319	1/23/2019	<0.0039	U		<0.0087	U		<0.0068	U		<0 0068	U		<0.0068	U		0.003	J		<0.0046	U		<0 0046	U	
		VMP-23-25-042919	4/29/2019	<0.0041	U		<0.0091	U		<0.0071	U		<0 0071	U		<0.0071	U		0.0035	J		<0.0048	U		<0 0048	U	
	40 ft	VMP-23-40-071718	7/17/2018	<0.0043	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.004	J		<0 005	U		<0.005	U	
		VMP-23-40-071718-DUP	7/17/2018	<0.0042	U		<0.0094	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0034	J		<0.0049	U		<0 0049	U	
		VMP-23-40-101918	10/19/2018	<0.0038	U		<0.0085	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0029	J		<0.0045	U		<0 0045	U	
		VMP-23-40-101918-DUP	10/19/2018	<0.0038	U		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0032	J		<0.0044	U		<0 0044	U	
		VMP-23-40-012319	1/23/2019	<0.0037	U	UJ	<0.0083	U		<0.0065	U		<0 0065	U		<0.0065	U		0.0029	J		<0.0044	U		<0 0044	U	
		VMP-23-40-012319-DUP	1/23/2019	0.01		J	<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0028	J		<0.0044	U		<0 0044	U	
		VMP-23-40-042919	4/29/2019	<0.0045	U		<0.01	U		<0.0078	U		<0 0078	U		<0.0078	U		0.0031	J		<0.0053	U		<0 0053	U	
		VMP-23-40-042919-DUP	4/29/2019	<0.0044	U		<0.0097	U		<0.0076	U		<0 0076	U		<0.0076	U		0.0036	J		<0.0051	U		<0 0051	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-072018	7/20/2018	0.0017	J		<0.0091	U		<0.0071	U		<0 0071	U		<0.0071	U		0.0031	J		<0.0048	U		<0 0048	U	
		VMP-24-5-102518	10/25/2018	<0.0039	U		<0.0088	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0023	J		<0.0046	U		<0 0046	U	
		VMP-24-5-012419	1/24/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0023	J		<0.0044	U		<0 0044	U	
		VMP-24-5-012419-DUP	1/24/2019	<0.004	U		<0.0088	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0027	J		<0.0046	U		<0 0046	U	
		VMP-24-5-042419	4/24/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0027	J		<0 005	U		<0.005	U	
	10 ft	VMP-24-10-072018	7/20/2018	<0.004	U		<0.009	U		<0.0071	U		<0 0071	U		<0.0071	U		0.003	J		<0.0048	U		<0 0048	U	
		VMP-24-10-102518	10/25/2018	0.015			<0.016	U		<0 012	U		<0.012	U		<0.012	U		<0 01	U		<0.0084	U		<0 0084	U	
		VMP-24-10-012419	1/24/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0024	J		<0.0044	U		<0 0044	U	
		VMP-24-10-042419	4/24/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0031	J		<0 005	U		<0.005	U	
	22 ft	VMP-24-22-072018	7/20/2018	<0.004	U		<0.009	U		<0 007	U		<0.007	U		<0.007	U		0.0025	J		<0.0047	U		<0 0047	U	
		VMP-24-22-102518	10/25/2018	<0.0038	U		<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0024	J		<0.0045	U		<0 0045	U	
		VMP-24-22-012419	1/24/2019	<0.0039	U		<0.0087	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0024	J		<0.0046	U		<0 0046	U	
		VMP-24-22-042419	4/24/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0 0048	U	
	34 ft	VMP-24-34-072018	7/20/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0032	J		<0.0049	U		<0 0049	U	
		VMP-24-34-072018-DUP	7/20/2018	<0.0042	U		<0.0094	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0031	J		<0.0049	U		<0 0049	U	
		VMP-24-34-102518	10/25/2018	<0.0038	U		<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0029	J		<0.0045	U		<0 0045	U	
		VMP-24-34-102518-DUP	10/25/2018	<0.0038	U		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0024	J		<0.0044	U		<0 0044	U	
		VMP-24-34-012419	1/24/2019	<0.0036	U		<0.0081	U		<0.0063	U		<0 0063	U		<0.0063	U		0.0026	J		<0.0043	U		<0 0043	U	
		VMP-24-34-042419	4/24/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0031	J		<0.0049	U		<0 0049	U	
VMP-32	5 ft	VMP-32-5-072318	7/23/2018	<0.0041	U		<0.0091	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0027	J		<0.0048	U		<0 0048	U	
		VMP-32-5-012319	1/23/2019	<0.0037	U		<0.0082	U		<0.0064	U		<0 0064	U		<0.0064	U		0.0024	J		<0.0043	U		<0 0043	U	
		VMP-32-5-043019	4/30/2019	0.005			<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0 0049	U	
	10 ft	VMP-32-10-072318	7/23/2018	<0.0042	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0027	J		<0 005	U		<0.005	U	
		VMP-32-10-102518	10/25/2018	<0.004	U		<0.0089	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0022	J		<0.0047	U		<0 0047	U	
		VMP-32-10-012319	1/23/2019	<0.0037	U		<0.0082	U		<0.0064	U		<0 0064	U		<0.0064	U		0.0026	J		<0.0043	U		<0 0043	U	
		VMP-32-10-043019	4/30/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0 0048	U	
	20 ft	VMP-32-20-072318	7/23/2018	<0.0042	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0024	J		<0 005	U		<0.005	U	
		VMP-32-20-102518	10/25/2018	<0.004	U		<0.0089	U		<0.0069	U		<0 0069	U		<0.0069	U		0.003	J		<0.0047	U		<0 0047	U	
		VMP-32-20-012319	1/23/2019	<0.0037	U		<0.0083	U		<0.0065	U		<0 0065	U		<0.0065	U		0.0025	J		<0.0044	U		<0 0044	U	
		VMP-32-20-043019	4/30/2019	<0.004	U		<0.0089	U		<0 007	U		<0.007	U		<0.007	U		0.0023	J		<0.0047	U		<0 0047	U	
	30 ft	VMP-32-30-072318	7/23/2018	<0.004	U		<0.009	U		<0 007	U		<0.007	U		<0.007	U		0.0029	J		<0.0047	U		<0 0047	U	
		VMP-32-30-102518	10/25/2018	<0.0039	U		<0.0088	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0025	J		<0.0046	U		<0 0046	U	
		VMP-32-30-012319	1/23/2019	<0.0037	U		<0.0082	U		<0.0064	U		<0 0064	U		<0.0064	U		0.0025	J		<0.0043	U		<0 0043	U	
		VMP-32-30-050319	5/3/2019	0.0034	J		<0.0083	U		<0.0065	U		<0 0065	U		<0.0065	U		<0.0053	U		<0.0044	U		<0 0044	U	
VMP-42	10 ft	VMP-42-10-072318	7/23/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0021	J		<0.0048	U		<0 0048	U	
		VMP-42-10-102218	10/22/2018	<0.004	U		<0.009	U		<0.0071	U		<0 0071	U		<0.0071	U		0.0037	J		<0.0048	U		<0 0048	U	
		VMP-42-10-012519	1/25/2019	<0.0038	U		<0.0085	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0 0045	U	
		VMP-42-10-050119	5/1/2019	0.049			<0.0091	U		<0.0072	U		<0 0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0 0048	U	
	20 ft	VMP-42-20-072318	7/23/2018	<0.0043	U		<0.0096	U		<0.0075	U		<0 0075	U		<0.0075	U		0.002	J		<0 005	U		<0.005	U	
		VMP-42-20-102218	10/22/2018	<0.0043	U		<0.0097	U		<0.0076	U		<0 0076	U		<0.0076	U		0.0031	J		<0.0051	U		<0 0051	U	
		VMP-42-20-020519	2/5/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0 0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0 0051	U	
		VMP-42-20-050119	5/1/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0 0075	U		<0.0075	U		0.0024	J		<0.0051	U		<0 0051	U	
	30 ft	VMP-42-30-072318	7/23/2018	<0.0041	U		<0.0091	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0 0048	U	
		VMP-42-30-072318-DUP	7/23/2018	<0.0041	U		<0.0091	U		<0.0071	U		<0 0071	U		<0.0071	U		0.0021	J		<0.0048	U		<0 0048	U	
		VMP-42-30-102218	10/22/2018	0.074			<0.0089	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0031	J		<0.0047	U		<0 0047	U	
		VMP-42-30-112818	11/28/2018	<0.0036	U		<0.008	U		<0.0063	U		<0 0063	U		<0.0063	U		0.0021	J		<0.0042	U		<0 0042	U	
		VMP-42-30-012519	1/25/2019	<0.0037	U		<0.0082	U		<0.0064	U		<0 0064	U		<0.0064	U		0.0022	J		<0.0043	U		<0 0043	U	
		VMP-42-30-050119	5/1/2019	<0.004	U		<0.0089	U		<0.0069	U		<0 0069	U		<0.0069	U		<0.0057	U		<0.0047	U		<0 0047	U	
VMP-43	10 ft	VMP-43-10-071818	7/18/2018	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0 0049	U	
		VMP-43-10-102918	10/29/2018	<0.0041	U		<0.0091	U		<0.0071	U		<0 0071	U		<0.0071	U		0.0028	J		<0.0048	U		<0 0048	U	
		VMP-43-10-012919	1/29/2019	0.0044			<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.003	J		<0.0045	U		<0 0045	U	
		VMP-43-10-042919	4/29/2019	0.005			<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0037	J		<0.0048	U		<0 0048	U	
	20 ft	VMP-43-20-071818	7/18/2018	<0.0044	U		<0.0098	U		<0.0076	U		<0 0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0 0051	U	
		VMP-43-20-102918	10/29/2018	<0.0042	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0019	J		<0 005	U		<0.005	U	
		VMP-43-20-012919	1/29/2019	0.017			<0.0082	U		<0.0064	U		<0 0064	U		<0.0064	U		0.0025	J		<0.0043	U		<0 0043	U	
		VMP-43-20-042919	4/29/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0 0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0 0051	U	
	30 ft	VMP-43-30-071818	7/18/2018	<0.0044	U		<0.0098	U		<0.0077	U		<0 0077	U		<0.0077	U		0.0024	J		<0.0052	U		<0 0052	U	
		VMP-43-30-102918	10/29/2018	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0034	J		<0.0049	U		<0 0049	U	
		VMP-43-30-012919	1/29/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0026	J		<0.0044	U		<0 0044	U	
		VMP-43-30-012919-DUP	1/29/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0022	J		<0.0045	U		<0 0045	U	
		VMP-43-30-042919	4/29/2019	<0.0045	U		<0.01	U		<0.0078	U		<0 0078	U		<0.0078	U		0.0027	J		<0.0053	U		<0 0053	U	

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

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-071818	7/18/2018	0.0021	J		<0.0098	U		<0.0077	U		<0 0077	U		<0.0077	U		0.0024	J		<0.0052	U		<0 0052	U	
		VMP-44-10-102518	10/25/2018	<0.0041	U		<0.0091	U		<0.0071	U		<0 0071	U		<0.0071	U		0.0024	J		<0.0048	U		<0 0048	U	
		VMP-44-10-012219	1/22/2019	<0.0036	U		<0.008	U		<0.0062	U		<0 0062	U		<0.0062	U		0.0028	J		<0.0042	U		<0 0042	U	
		VMP-44-10-042919	4/29/2019	<0.0041	U		<0.0091	U		<0.0071	U		<0 0071	U		<0.0071	U		0.0027	J		<0.0048	U		<0 0048	U	
	20 ft	VMP-44-20-071818	7/18/2018	<0.0041	U		<0.0091	U		<0.0071	U		<0 0071	U		<0.0071	U		0.0024	J		<0.0048	U		<0 0048	U	
		VMP-44-20-102518	10/25/2018	<0.0039	U		<0.0088	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0024	J		<0.0046	U		<0 0046	U	
		VMP-44-20-020419	2/4/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0 0049	U	
		VMP-44-20-020419-DUP	2/4/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0 0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0 0051	U	
		VMP-44-20-042919	4/29/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0031	J		<0.0049	U		<0 0049	U	
	30 ft	VMP-44-30-071818	7/18/2018	<0.0042	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0025	J		<0 005	U		<0.005	U	
		VMP-44-30-102518	10/25/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0029	J		<0.0048	U		<0 0048	U	
		VMP-44-30-012219	1/22/2019	<0.0037	U		<0.0082	U		<0.0064	U		<0 0064	U		<0.0064	U		0.0028	J		<0.0043	U		<0 0043	U	
		VMP-44-30-042919	4/29/2019	<0.0042	U		<0.0094	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0032	J		<0.0049	U		<0 0049	U	
VMP-45	10 ft	VMP-45-10-071918	7/19/2018	<0.0042	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0062			<0 005	U		<0.005	U	
		VMP-45-10-102518	10/25/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0 0048	U	
		VMP-45-10-012219	1/22/2019	<0.0041	U		<0.0091	U		<0.0071	U		<0 0071	U		<0.0071	U		0.0027	J		<0.0048	U		<0 0048	U	
		VMP-45-10-042519	4/25/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0027	J		<0.0049	U		<0 0049	U	
	20 ft	VMP-45-20-071918	7/19/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0027	J		<0 005	U		<0.005	U	
		VMP-45-20-102518	10/25/2018	<0.004	U		<0.0088	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0023	J		<0.0046	U		<0 0046	U	
		VMP-45-20-012219	1/22/2019	0.001	J		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0021	J		<0.0044	U		<0 0044	U	
		VMP-45-20-042519	4/25/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0 0048	U	
	30 ft	VMP-45-30-071918	7/19/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0028	J		<0.0048	U		<0 0048	U	
		VMP-45-30-102518	10/25/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0 0048	U	
		VMP-45-30-012219	1/22/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0024	J		<0.0044	U		<0 0044	U	
		VMP-45-30-042519	4/25/2019	<0.0044	U		<0.0098	U		<0.0076	U		<0 0076	U		<0.0076	U		<0.0063	U		<0.0051	U		<0 0051	U	
		VMP-45-30-052819R	5/28/2019	0.0027	J		<0.01	U		<0 008	U		<0.008	U		<0.008	U		<0.0066	U		<0.0054	U		<0 0054	U	
VMP-47	5 ft	VMP-47-5-071918	7/19/2018	<0.004	U		<0.009	U		<0 007	U		<0.007	U		<0.007	U		0.0033	J		<0.0047	U		<0 0047	U	
		VMP-47-5-102318	10/23/2018	<0.0039	U		<0.0087	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0031	J		<0.0046	U		<0 0046	U	
		VMP-47-5-012919	1/29/2019	0.0013	J		<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0 0045	U	
		VMP-47-5-042519	4/25/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0026	J		<0.0049	U		<0 0049	U	
	10 ft	VMP-47-10-071918	7/19/2018	<0.0041	U		<0.0091	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0032	J		<0.0048	U		<0 0048	U	
		VMP-47-10-102318	10/23/2018	<0.0041	U		<0.0091	U		<0.0071	U		<0 0071	U		<0.0071	U		0.003	J		<0.0048	U		<0 0048	U	
		VMP-47-10-012919	1/29/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0 0048	U	
		VMP-47-10-042519	4/25/2019	<0.0038	U		<0.0085	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0029	J		<0.0045	U		<0 0045	U	
	20 ft	VMP-47-20-071918	7/19/2018	<0.0041	U		<0.0091	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0 0048	U	
		VMP-47-20-102318	10/23/2018	<0.004	U		<0.0089	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0018	J		<0.0047	U		<0 0047	U	
		VMP-47-20-012919	1/29/2019	<0.0035	U		<0.0079	U		<0.0062	U		<0 0062	U		<0.0062	U		0.0025	J		<0.0041	U		<0 0041	U	
		VMP-47-20-042519	4/25/2019	<0.0044	U		<0.0097	U		<0.0076	U		<0 0076	U		<0.0076	U		0.0029	J		<0.0051	U		<0 0051	U	
	30 ft	VMP-47-30-071918	7/19/2018	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0031	J		<0.0049	U		<0 0049	U	
		VMP-47-30-102318	10/23/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0035	J		<0.0048	U		<0 0048	U	
		VMP-47-30-050319	5/3/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0 0048	U	
VMP-48	5 ft	VMP-48-5-072418	7/24/2018	<0.0038	U		<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0 0045	U	
		VMP-48-5-102418	10/24/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0 0048	U	
		VMP-48-5-012319	1/23/2019	<0.0039	U		<0.0086	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0027	J		<0.0046	U		<0 0046	U	
		VMP-48-5-042619	4/26/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0025	J		<0 005	U		<0.005	U	
	10 ft	VMP-48-10-072418	7/24/2018	0.037			<0.0099	U		<0.0078	U		<0 0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0 0052	U	
		VMP-48-10-102418	10/24/2018	<0.0041	U		<0.0091	U		<0.0071	U		<0 0071	U		<0.0071	U		<0.0059	U		<0.0048	U		<0 0048	U	
		VMP-48-10-012319	1/23/2019	<0.0037	U		<0.0083	U		<0.0065	U		<0 0065	U		<0.0065	U		0.0024	J		<0.0044	U		<0 0044	U	
		VMP-48-10-042619	4/26/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0 0049	U	
	20 ft	VMP-48-20-102418	10/24/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.003	J		<0 005	U		<0.005	U	
		VMP-48-20-012319	1/23/2019	<0.0036	U		<0.0081	U		<0.0063	U		<0 0063	U		<0.0063	U		0.0024	J		<0.0043	U		<0 0043	U	
	30 ft	VMP-48-30-072418	7/24/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0037	J		<0 005	U		<0.005	U	
		VMP-48-30-102418	10/24/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		<0.006	U		<0.0049	U		<0 0049	U	
		VMP-48-30-012319	1/23/2019	<0.0038	U		<0.0085	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0043	J		<0.0045	U		<0 0045	U	
		VMP-48-30-042619	4/26/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0028	J		<0.0049	U		<0 0049	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-49	5 ft	VMP-49-5-072018	7/20/2018	<0.0043	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0027	J		<0 005	U		<0.005	U	
		VMP-49-5-102318	10/23/2018	<0.0041	U		<0.0091	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0 0048	U	
		VMP-49-5-020119	2/1/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0027	J		<0.0045	U		<0 0045	U	
		VMP-49-5-042919	4/29/2019	<0.0044	U		<0.0098	U		<0.0077	U		<0 0077	U		<0.0077	U		0.0035	J		<0.0052	U		<0 0052	U	
	10 ft	VMP-49-10-072018	7/20/2018	<0.0042	U		<0.0094	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0027	J		<0.0049	U		<0 0049	U	
		VMP-49-10-102318	10/23/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0033	J		<0.0049	U		<0 0049	U	
		VMP-49-10-012119	1/21/2019	<0.0036	U		<0.0081	U		<0.0063	U		<0 0063	U		<0.0063	U		0.0027	J		<0.0042	U		<0 0042	U	
		VMP-49-10-042919	4/29/2019	0.011			<0.009	U		<0 007	U		<0.007	U		<0.007	U		0.0036	J		<0.0047	U		<0 0047	U	
	20 ft	VMP-49-20-072018	7/20/2018	0.0013	J		<0.0098	U		<0.0077	U		<0 0077	U		<0.0077	U		0.0025	J		<0.0052	U		<0 0052	U	
		VMP-49-20-102318	10/23/2018	<0.0042	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0032	J		<0 005	U		<0.005	U	
		VMP-49-20-012119	1/21/2019	<0.0036	U		<0.0081	U		<0.0063	U		<0 0063	U		<0.0063	U		0.0026	J		<0.0043	U		<0 0043	U	
		VMP-49-20-042919	4/29/2019	0.0018	J		<0.009	U		<0.0071	U		<0 0071	U		<0.0071	U		0.0034	J		<0.0048	U		<0 0048	U	
	30 ft	VMP-49-30-072018	7/20/2018	<0.0044	U		<0.0098	U		<0.0076	U		<0 0076	U		<0.0076	U		0.0021	J		<0.0051	U		<0 0051	U	
		VMP-49-30-102318	10/23/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.003	J		<0.0049	U		<0 0049	U	
		VMP-49-30-012119	1/21/2019	<0.0036	U		<0.008	U		<0.0062	U		<0 0062	U		<0.0062	U		0.0027	J		<0.0042	U		<0 0042	U	
		VMP-49-30-042919	4/29/2019	0.026		J	<0.0091	U		<0.0071	U		<0 0071	U		<0.0071	U		0.0034	J		<0.0048	U		<0 0048	U	
		VMP-49-30-042919-DUP	4/29/2019	0.0013	J	J	<0.0098	U		<0.0077	U		<0 0077	U		<0.0077	U		0.0037	J		<0.0052	U		<0 0052	U	
VMP-50	5 ft	VMP-50-5-072618	7/26/2018	<0.0044	U		<0.0099	U		<0.0077	U		<0 0077	U		<0.0077	U		0.0021	J		<0.0052	U		<0 0052	U	
		VMP-50-5-103018	10/30/2018	<0.0041	U		<0.0091	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0 0048	U	
		VMP-50-5-020519	2/5/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0023	J		<0 005	U		<0.005	U	
		VMP-50-5-042919	4/29/2019	<0.0041	U		<0.0091	U		<0.0071	U		<0 0071	U		<0.0071	U		0.0027	J		<0.0048	U		<0 0048	U	
	10 ft	VMP-50-10-072618	7/26/2018	<0.0044	U		<0.0098	U		<0.0076	U		<0 0076	U		<0.0076	U		0.0021	J		<0.0051	U		<0 0051	U	
		VMP-50-10-103018	10/30/2018	<0.0042	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0028	J		<0 005	U		<0.005	U	
		VMP-50-10-012519	1/25/2019	<0.0038	U		<0.0085	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0 0045	U	
		VMP-50-10-042919	4/29/2019	<0.0044	U		<0.0099	U		<0.0077	U		<0 0077	U		<0.0077	U		0.0031	J		<0.0052	U		<0 0052	U	
	20 ft	VMP-50-20-072618	7/26/2018	<0.0044	U		<0.0099	U		<0.0078	U		<0 0078	U		<0.0078	U		0.002	J		<0.0052	U		<0 0052	U	
		VMP-50-20-103018	10/30/2018	<0.0044	U		<0.0099	U		<0.0078	U		<0 0078	U		<0.0078	U		0.0026	J		<0.0052	U		<0 0052	U	
		VMP-50-20-020119	2/1/2019	<0.004	U		<0.009	U		<0 007	U		<0.007	U		<0.007	U		0.0024	J		<0.0047	U		<0 0047	U	
		VMP-50-20-042919	4/29/2019	0.044			<0.0088	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0032	J		<0.0046	U		<0 0046	U	
	30 ft	VMP-50-30-072618	7/26/2018	3 6			<0.19	U		<0.15	U		<0.15	U		<0.15	U		<0.12	U		<0.1	U		<0.1	U	
		VMP-50-30-103018	10/30/2018	6			<0.0091	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0024	J	J	<0.0048	U		<0 0048	U	
		VMP-50-30-012519	1/25/2019	5			<0.17	U		<0.14	U		<0.14	U		<0.14	U		<0.11	U		<0 091	U		<0.091	U	
		VMP-50-30-012519-DUP	1/25/2019	5			<0.16	U		<0.12	U		<0.12	U		<0.12	U		<0.1	U		<0 083	U		<0.083	U	
		VMP-50-30-042919	4/29/2019	3 6			<0.094	U		<0 074	U		<0.074	U		<0.074	U		<0.061	U		<0.05	U		<0.05	U	
VMP-51	5 ft	VMP-51-5-071718	7/17/2018	<0.0045	U		<0.01	U		<0.0079	U		<0 0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0 0053	U	
		VMP-51-5-101918	10/19/2018	<0.004	U		<0.0088	U		<0.0069	U		<0 0069	U		<0.0069	U		<0.0057	U		<0.0046	U		<0 0046	U	
		VMP-51-5-012319	1/23/2019	0.004			<0.0087	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0024	J		<0.0046	U		<0 0046	U	
		VMP-51-5-050119	5/1/2019	<0.0045	U		<0.01	U		<0.0079	U		<0 0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0 0053	U	
	10 ft	VMP-51-10-071718	7/17/2018	<0.0044	U		<0.0098	U		<0.0077	U		<0 0077	U		<0.0077	U		0.0029	J		<0.0052	U		<0 0052	U	
		VMP-51-10-101918	10/19/2018	<0.0038	U		<0.0085	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0023	J		<0.0045	U		<0 0045	U	
		VMP-51-10-012319	1/23/2019	0.0014	J		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0026	J		<0.0044	U		<0 0044	U	
		VMP-51-10-050119	5/1/2019	0.006			<0.0089	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0024	J		<0.0047	U		<0 0047	U	
	20 ft	VMP-51-20-071718	7/17/2018	<0.0045	U		<0.01	U		<0.0079	U		<0 0079	U		<0.0079	U		0.0042	J		<0.0053	U		<0 0053	U	
		VMP-51-20-101918	10/19/2018	<0.0039	U		<0.0088	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0028	J		<0.0046	U		<0 0046	U	
		VMP-51-20-012319	1/23/2019	0.0027	J		<0.0082	U		<0.0064	U		<0 0064	U		<0.0064	U		0.0026	J		<0.0043	U		<0 0043	U	
		VMP-51-20-050119	5/1/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0028	J		<0.0044	U		<0 0044	U	
	30 ft	VMP-51-30-071718	7/17/2018	<0.0044	U		<0.0097	U		<0.0076	U		<0 0076	U		<0.0076	U		0.0054	J		<0.0051	U		<0 0051	U	
		VMP-51-30-071718-DUP	7/17/2018	<0.0043	U		<0.0096	U		<0.0075	U		<0 0075	U		<0.0075	U		0.0058	J		<0 005	U		<0.005	U	
		VMP-51-30-101918	10/19/2018	<0.0038	U		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0034	J		<0.0044	U		<0 0044	U	
		VMP-51-30-101918-DUP	10/19/2018	<0.0039	U		<0.0087	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0034	J		<0.0046	U		<0 0046	U	
		VMP-51-30-012319	1/23/2019	<0.0036	U		<0.0081	U		<0.0063	U		<0 0063	U		<0.0063	U		0.0031	J		<0.0042	U		<0 0042	U	
		VMP-51-30-050119	5/1/2019	<0.0047	U		<0.01	U		<0.0082	U		<0 0082	U		<0.0082	U		0.0038	J		<0.0055	U		<0 0055	U	
		VMP-51-30-050119-DUP	5/1/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0034	J		<0 005	U		<0.005	U	

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

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-52	5 ft	VMP-52-5-072018	7/20/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0029	J		<0.0048	U		<0 0048	U	
		VMP-52-5-102318	10/23/2018	<0.0036	U		<0.0081	U		<0.0063	U		<0 0063	U		<0.0063	U		0.0019	J		<0.0043	U		<0 0043	U	
		VMP-52-5-013119	1/31/2019	<0.004	U		<0.0089	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0024	J		<0.0047	U		<0 0047	U	
		VMP-52-5-050219	5/2/2019	<0.085	U		<0.19	U		<0.15	U		<0.15	U		<0.15	U		<0.12	U		<0.1	U		<0.1	U	
	10 ft	VMP-52-10-072018	7/20/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		0 0007	J		0.0024	J		<0.0048	U		<0 0048	U	
		VMP-52-10-102318	10/23/2018	<0.0039	U		<0.0088	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0021	J		<0.0046	U		<0 0046	U	
		VMP-52-10-013119	1/31/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0025	J		<0.0045	U		<0 0045	U	
	20 ft	VMP-52-20-072018	7/20/2018	<0.0042	U		<0.0094	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0019	J		<0.0049	U		<0 0049	U	
		VMP-52-20-102318	10/23/2018	<0.0038	U		<0.0085	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0029	J		<0.0045	U		<0 0045	U	
		VMP-52-20-013119	1/31/2019	<0.0037	U		<0.0082	U		<0.0064	U		<0 0064	U		<0.0064	U		0.0022	J		<0.0043	U		<0 0043	U	
		VMP-52-20-013119-DUP	1/31/2019	<0.0036	U		<0.0081	U		<0.0064	U		<0 0064	U		<0.0064	U		0.0023	J		<0.0043	U		<0 0043	U	
		VMP-52-20-050219	5/2/2019	<0.0044	U		<0.0098	U		<0.0077	U		<0 0077	U		<0.0077	U		<0.0063	U		<0.0052	U		<0 0052	U	
	30 ft	VMP-52-30-072018	7/20/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0028	J		<0 005	U		<0.005	U	
		VMP-52-30-102318	10/23/2018	<0.0035	U		<0.0079	U		<0.0062	U		<0 0062	U		<0.0062	U		0.0027	J		<0.0041	U		<0 0041	U	
		VMP-52-30-102318-DUP	10/23/2018	<0.0037	U		<0.0083	U		<0.0065	U		<0 0065	U		<0.0065	U		<0.0053	U		<0.0044	U		<0 0044	U	
		VMP-52-30-013119	1/31/2019	<0.0035	U		<0.0079	U		<0.0062	U		<0 0062	U		<0.0062	U		0.0024	J		<0.0042	U		<0 0042	U	
		VMP-52-30-050219	5/2/2019	<0.0046	U		<0.01	U		<0 008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0 0054	U	
VMP-53	5 ft	VMP-53-5-072518	7/25/2018	<0.0043	U		<0.0096	U		<0.0075	U		<0 0075	U		<0.0075	U		0.0025	J		<0 005	U		<0.005	U	
		VMP-53-5-102318	10/23/2018	<0.0041	U		<0.0091	U		<0.0071	U		<0 0071	U		<0.0071	U		0.0025	J		<0.0048	U		<0 0048	U	
		VMP-53-5-011819	1/18/2019	<0.0036	U		0.0017	J		0 002	J		0.0019	J		0 0018	J		0.0024	J		<0.0042	U		<0 0042	U	
		VMP-53-5-050319	5/3/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0 0075	U		<0.0075	U		0.0025	J		<0 005	U		<0.005	U	
		VMP-53-5-050319-DUP	5/3/2019	<0.0041	U		<0.0091	U		<0.0071	U		<0 0071	U		<0.0071	U		<0.0058	U		<0.0048	U		<0 0048	U	
	10 ft	VMP-53-10-072518	7/25/2018	<0.0044	U		<0.0098	U		<0.0077	U		<0 0077	U		<0.0077	U		0.0023	J		<0.0052	U		<0 0052	U	
		VMP-53-10-102318	10/23/2018	<0.004	U		<0.0089	U		<0 007	U		<0.007	U		<0.007	U		0.0019	J		<0.0047	U		<0 0047	U	
		VMP-53-10-011819	1/18/2019	<0.0038	U		<0.0085	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0022	J		<0.0045	U		<0 0045	U	
		VMP-53-10-050319	5/3/2019	0.11			<0.032	U		<0 025	U		<0.025	U		<0.025	U		<0.021	U		<0 017	U		<0.017	U	
	20 ft	VMP-53-20-072518	7/25/2018	<0.0043	U		<0.0096	U		<0.0075	U		<0 0075	U		<0.0075	U		0.0027	J		<0 005	U		<0.005	U	
		VMP-53-20-102318	10/23/2018	0.0024	J		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		<0.0061	U		<0 005	U		<0.005	U	
		VMP-53-20-011819	1/18/2019	<0.0039	U		<0.0086	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0026	J		<0.0046	U		<0 0046	U	
		VMP-53-20-050319	5/3/2019	0.71			<1	U		<0.81	U		<0.81	U		<0.81	U		<0 67	U		<0.55	U		<0.55	U	
	30 ft	VMP-53-30-072518	7/25/2018	<0.0042	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0028	J		<0 005	U		<0.005	U	
		VMP-53-30-102318	10/23/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0031	J		<0 005	U		<0.005	U	
		VMP-53-30-013119	1/31/2019	0 00067	J		<0.0082	U		<0.0064	U		<0 0064	U		<0.0064	U		0.0021	J		<0.0043	U		<0 0043	U	
		VMP-53-30-050319	5/3/2019	0.27			<0.098	U		<0 076	U		<0.076	U		<0.076	U		<0.063	U		<0 051	U		<0.051	U	
VMP-54	5 ft	VMP-54-5-072518	7/25/2018	<0.0046	U		<0.01	U		<0 008	U		<0.008	U		<0.008	U		0.0027	J		<0.0054	U		<0 0054	U	
		VMP-54-5-102418	10/24/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0023	J		<0 005	U		<0.005	U	
		VMP-54-5-011819	1/18/2019	<0.0038	U		<0.0085	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0023	J		<0.0045	U		<0 0045	U	
		VMP-54-5-042419	4/24/2019	<0.0039	U		<0.0088	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0032	J		<0.0046	U		<0 0046	U	
	10 ft	VMP-54-10-072518	7/25/2018	<0.0044	U		<0.0098	U		<0.0077	U		<0 0077	U		<0.0077	U		0.003	J		<0.0052	U		<0 0052	U	
		VMP-54-10-102418	10/24/2018	<0.0041	U		<0.0091	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0033	J		<0.0048	U		<0 0048	U	
		VMP-54-10-011819	1/18/2019	<0.0037	U		<0.0083	U		<0.0065	U		<0 0065	U		<0.0065	U		0.0024	J		<0.0044	U		<0 0044	U	
		VMP-54-10-042419	4/24/2019	<0.0045	U		<0.01	U		<0.0079	U		<0 0079	U		<0.0079	U		0.0031	J		<0.0053	U		<0 0053	U	
	20 ft	VMP-54-20-072518	7/25/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0031	J		<0.0049	U		<0 0049	U	
		VMP-54-20-102418	10/24/2018	0.0027	J		<0.0091	U		<0.0071	U		<0 0071	U		<0.0071	U		0.0033	J		<0.0048	U		<0 0048	U	
		VMP-54-20-011819	1/18/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0025	J		<0.0044	U		<0 0044	U	
		VMP-54-20-042419	4/24/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0033	J		<0.0045	U		<0 0045	U	
	30 ft	VMP-54-30-072518	7/25/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0029	J		<0 005	U		<0.005	U	
		VMP-54-30-102418	10/24/2018	<0.0041	U		<0.0091	U		<0.0071	U		<0 0071	U		<0.0071	U		0.0028	J		<0.0048	U		<0 0048	U	
		VMP-54-30-011819	1/18/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0026	J		<0.0044	U		<0 0044	U	
		VMP-54-30-042419	4/24/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0028	J		<0.0044	U		<0 0044	U	
VMP-56	10 ft	VMP-56-10-072618	7/26/2018	0.0037	J		<0.0096	U		<0.0075	U		<0 0075	U		<0.0075	U		0.0018	J	J	<0 005	U		<0.005	U	
		VMP-56-10-102918	10/29/2018	<0.004	U		<0.009	U		<0 007	U		<0.007	U		<0.007	U		0.0044	J		<0.0047	U		<0 0047	U	
		VMP-56-10-012819	1/28/2019	<0.0042	U		<0.0094	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0 0049	U	
		VMP-56-10-050119	5/1/2019	0.1			<0.009	U		<0.0071	U		<0 0071	U		<0.0071	U		0.0025	J		<0.0048	U		<0 0048	U	
	25 ft	VMP-56-25-072618	7/26/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0026	J		<0 005	U		<0.005	U	
		VMP-56-25-102918	10/29/2018	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0034	J		<0.0049	U		<0 0049	U	
		VMP-56-25-012819	1/28/2019	<0.0039	U		<0.0087	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0026	J		<0.0046	U		<0 0046	U	
		VMP-56-25-012819-DUP	1/28/2019	<0.004	U		<0.0088	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0026	J		<0.0046	U		<0 0046	U	
		VMP-56-25-050119	5/1/2019	<0.004	U		<0.0089	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0022	J		<0.0047	U		<0 0047	U	
	38.5 ft	VMP-56-38.5-072618	7/26/2018	720			<100	U		<78	U		<78	U		<78	U		<64	U		<52	U		<52	U	
		VMP-56-38.5-102918	10/29/2018	740			<18	U		<14	U		<14	U		<14	U		<12	U		<9.6	U		<9.6	U	
		VMP-56-38.5-012819	1/28/2019	430			<680	U		<530	U		<530	U		<530	U		<440	U		<360	U		<360	U	
		VMP-56-38.5-050119	5/1/2019	1400			<380	U		<300	U		<300	U		<300	U		<240	U		<200	U		<200	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-072418	7/24/2018	<0.0043	U		<0.0096	U		<0.0075	U		<0 0075	U		<0.0075	U		0.0026	J		<0 005	U		<0.005	U	
		VMP-62-5-102418	10/24/2018	<0.0038	U		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0033	J		<0.0044	U		<0 0044	U	
		VMP-62-5-012819	1/28/2019	<0.004	U		<0.0089	U		<0 007	U		<0.007	U		<0.007	U		0.0025	J		<0.0047	U		<0 0047	U	
		VMP-62-5-042619	4/26/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0022	J		<0.0049	U		<0 0049	U	
	10 ft	VMP-62-10-072418	7/24/2018	<0.0043	U		<0.0097	U		<0.0076	U		<0 0076	U		<0.0076	U		0.0036	J		<0.0051	U		<0 0051	U	
		VMP-62-10-102418	10/24/2018	<0.0036	U		<0.0081	U		<0.0063	U		<0 0063	U		<0.0063	U		0.0022	J		<0.0043	U		<0 0043	U	
		VMP-62-10-012819	1/28/2019	<0.0039	U		<0.0087	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0023	J		<0.0046	U		<0 0046	U	
		VMP-62-10-042619	4/26/2019	<0.0046	U		<0.01	U		<0.0081	U		<0 0081	U		<0.0081	U		0.0025	J		<0.0054	U		<0 0054	U	
	20 ft	VMP-62-20-072418	7/24/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0033	J		<0 005	U		<0.005	U	
		VMP-62-20-102418	10/24/2018	<0.0039	U		<0.0088	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0037	J		<0.0046	U		<0 0046	U	
		VMP-62-20-012819	1/28/2019	0.001	J		<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0023	J		<0.0045	U		<0 0045	U	
		VMP-62-20-042619	4/26/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0021	J		<0 005	U		<0.005	U	
	30 ft	VMP-62-30-072418	7/24/2018	<0.0045	U		<0.01	U		<0.0078	U		<0 0078	U		<0.0078	U		0.0038	J		<0.0053	U		<0 0053	U	
		VMP-62-30-102418	10/24/2018	<0.0039	U		<0.0088	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0032	J		<0.0046	U		<0 0046	U	
		VMP-62-30-102418-DUP	10/24/2018	<0.0039	U		<0.0088	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0031	J		<0.0046	U		<0 0046	U	
		VMP-62-30-020519	2/5/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0 0076	U		<0.0076	U		0.0021	J		<0.0051	U		<0 0051	U	
		VMP-62-30-042619	4/26/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0021	J		<0.0048	U		<0 0048	U	
		VMP-62-30-042619-DUP	4/26/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0 0049	U	
VMP-63	5 ft	VMP-63-5-071918	7/19/2018	0.0035	J		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.003	J		<0.0049	U		<0 0049	U	
		VMP-63-5-102218	10/22/2018	<0.0038	U		<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.003	J		<0.0045	U		<0 0045	U	
		VMP-63-5-012919	1/29/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0026	J		<0.0044	U		<0 0044	U	
		VMP-63-5-042519	4/25/2019	<0.0043	U		<0.0095	U		<0.0074	U		<0 0074	U		<0.0074	U		0.0038	J		<0 005	U		<0.005	U	
	10 ft	VMP-63-10-071918	7/19/2018	<0.0036	U		<0.008	U		<0.0063	U		<0 0063	U		<0.0063	U		0.0025	J		<0.0042	U		<0 0042	U	
		VMP-63-10-102218	10/22/2018	<0.0039	U		<0.0088	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0023	J		<0.0046	U		<0 0046	U	
		VMP-63-10-012919	1/29/2019	<0.0037	U		<0.0083	U		<0.0065	U		<0 0065	U		<0.0065	U		0.0023	J		<0.0044	U		<0 0044	U	
		VMP-63-10-042519	4/25/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0 0075	U		<0.0075	U		0.0025	J		<0 005	U		<0.005	U	
	20 ft	VMP-63-20-071918	7/19/2018	<0.0042	U		<0.0093	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0 0049	U	
		VMP-63-20-102218	10/22/2018	0 00084	J		<0.0086	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0029	J		<0.0046	U		<0 0046	U	
		VMP-63-20-012919	1/29/2019	<0.0036	U		<0.008	U		<0.0063	U		<0 0063	U		<0.0063	U		0.0019	J		<0.0042	U		<0 0042	U	
		VMP-63-20-022719R	2/27/2019	<0.004	U		<0.009	U		<0 007	U		<0.007	U		<0.007	U		0.0022	J		<0.0047	U		<0 0047	U	
		VMP-63-20-042519	4/25/2019	<0.0041	U		<0.0091	U		<0.0071	U		<0 0071	U		<0.0071	U		0.0033	J		<0.0048	U		<0 0048	U	
		VMP-63-20-042519-DUP	4/25/2019	<0.0039	U		<0.0088	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0031	J		<0.0046	U		<0 0046	U	
	30 ft	VMP-63-30-071918	7/19/2018	<0.0041	U		<0.0091	U		<0.0072	U		<0 0072	U		<0.0072	U		0.003	J		<0.0048	U		<0 0048	U	
		VMP-63-30-071918-DUP	7/19/2018	<0.004	U		<0.009	U		<0 007	U		<0.007	U		<0.007	U		0.003	J		<0.0047	U		<0 0047	U	
		VMP-63-30-102218	10/22/2018	<0.0037	U		<0.0083	U		<0.0065	U		<0 0065	U		<0.0065	U		0.0028	J		<0.0044	U		<0 0044	U	
		VMP-63-30-102218-DUP	10/22/2018	<0.0039	U		<0.0087	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0036	J		<0.0046	U		<0 0046	U	
		VMP-63-30-020419	2/4/2019	<0.004	U		<0.009	U		<0 007	U		<0.007	U		<0.007	U		0.0025	J		<0.0047	U		<0 0047	U	
		VMP-63-30-050319	5/3/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0 0048	U	
VMP-64	5 ft	VMP-64-5-072318	7/23/2018	<0.0042	U		<0.0094	U		<0.0073	U		<0 0073	U		<0.0073	U		0.0027	J		<0.0049	U		<0 0049	U	
		VMP-64-5-102518	10/25/2018	<0.004	U		<0.0089	U		<0 007	U		<0.007	U		<0.007	U		0.0037	J		<0.0047	U		<0 0047	U	
		VMP-64-5-012119	1/21/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0 0069	U		<0.0069	U		0.0021	J		<0.0046	U		<0 0046	U	
		VMP-64-5-042619	4/26/2019	<0.004	U		<0.009	U		<0 007	U		<0.007	U		<0.007	U		0.002	J		<0.0047	U		<0 0047	U	
	10 ft	VMP-64-10-072318	7/23/2018	<0.0039	U		<0.0086	U		<0.0068	U		<0 0068	U		<0.0068	U		0.0022	J		<0.0046	U		<0 0046	U	
		VMP-64-10-102518	10/25/2018	<0.0041	U		<0.0091	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0 0048	U	
		VMP-64-10-012119	1/21/2019	0.0007	J		<0.0091	U		<0.0072	U		<0 0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0 0048	U	
		VMP-64-10-042619	4/26/2019	<0.004	U		<0.009	U		<0 007	U		<0.007	U		<0.007	U		0.0024	J		<0.0047	U		<0 0047	U	
	20 ft	VMP-64-20-072318	7/23/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0 0074	U		<0.0074	U		0.002	J		<0 005	U		<0.005	U	
		VMP-64-20-102518	10/25/2018	<0.0038	U		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0019	J		<0.0044	U		<0 0044	U	
		VMP-64-20-102518-DUP	10/25/2018	<0.0038	U		<0.0084	U		<0.0066	U		<0 0066	U		<0.0066	U		0.0024	J		<0.0044	U		<0 0044	U	
		VMP-64-20-012119	1/21/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0 0067	U		<0.0067	U		0.0023	J		<0.0045	U		<0 0045	U	
		VMP-64-20-042619	4/26/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0 0069	U		<0.0069	U		0.002	J		<0.0046	U		<0 0046	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-071818	7/18/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-1-5-102218	10/22/2018	<0.0051	U		<0.0051	U		<0.0051	U		0.0022	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-1-5-012319	1/23/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-1-5-043019	4/30/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
	8.5 ft	VMP-1-8.5-071818	7/18/2018	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-1-8.5-102218	10/22/2018	<0.0044	U		<0.0044	U		<0.0044	U		0.0016	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-1-8.5-012319	1/23/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-1-8.5-043019	4/30/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		0.0045	J	
	23.5 ft	VMP-1-23.5-071818	7/18/2018	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-1-23.5-102218	10/22/2018	<0.0048	U		<0.0048	U		<0.0048	U		0.002	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-1-23.5-102218-DUP	10/22/2018	<0.0048	U		<0.0048	U		<0.0048	U		0.0018	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-1-23.5-012319	1/23/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-1-23.5-012319-DUP	1/23/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-1-23.5-043019	4/30/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
VMP-2	5 ft	VMP-2-5-072418	7/24/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		0 0016	J		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-2-5-102418	10/24/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-2-5-012319	1/23/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-2-5-042619	4/26/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	8.5 ft	VMP-2-8.5-072418	7/24/2018	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-2-8.5-102418	10/24/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-2-8.5-012319	1/23/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-2-8.5-042619	4/26/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	22 ft	VMP-2-22-072418	7/24/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-2-22-072418-DUP	7/24/2018	<0.0048	U		0.0012	J		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-2-22-102418	10/24/2018	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-2-22-102418-DUP	10/24/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-2-22-012319	1/23/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-2-22-042619	4/26/2019	<0.005	U		<0.005	U		<0 005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-2-22-042619-DUP	4/26/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
VMP-3	5 ft	VMP-3-5-072318	7/23/2018	<0.005	U		<0.005	U		<0 005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-3-5-102918	10/29/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-3-5-012419	1/24/2019	<0.0046	U		<0.0046	U		<0.0046	U		0.0017	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
		VMP-3-5-042919	4/29/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
	10 ft	VMP-3-10-072318	7/23/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-3-10-102918	10/29/2018	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-3-10-020119	2/1/2019	<0.0049	U		<0.0049	U		0 003	J		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-3-10-042919	4/29/2019	<0.0048	U		<0.0048	U		<0.0048	U		0.0031	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	22 ft	VMP-3-22-072318	7/23/2018	<0.005	U		<0.005	U		<0 005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-3-22-102918	10/29/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-3-22-012419	1/24/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-3-22-042919	4/29/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	31.5 ft	VMP-3-31.5-072318	7/23/2018	<0.005	U		<0.005	U		<0 005	U		0.0061	J		<0.0058	U		<0.0057	U		<0.0057	U		0.02		
		VMP-3-31.5-102918	10/29/2018	<0.0047	U		<0.0047	U		<0.0047	U		0.0053	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-3-31.5-012419	1/24/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-3-31.5-042919	4/29/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	39 ft	VMP-3-39-072318	7/23/2018	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-3-39-102918	10/29/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-3-39-012419	1/24/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.036	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-3-39-012419-DUP	1/24/2019	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
VMP-4	5 ft	VMP-4-5-072318	7/23/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-4-5-102918	10/29/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-4-5-012119	1/21/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-4-5-043019	4/30/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	12 ft	VMP-4-12-072318	7/23/2018	<0.0048	U		<0.0048	U		<0.0048	U		0.0024	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-4-12-102918	10/29/2018	<0.005	U		<0.005	U		<0 005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-4-12-012119	1/21/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-4-12-043019	4/30/2019	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
	23.5 ft	VMP-4-23.5-072318	7/23/2018	<0.005	U		<0.005	U		<0 005	U		0.0027	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-4-23.5-072318-DUP	7/23/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-4-23.5-102918	10/29/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-4-23.5-012119	1/21/2019	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-4-23.5-043019	4/30/2019	<0.005	U		<0.005	U		<0 005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-5	5 ft	VMP-5-5-071818	7/18/2018	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0 006	U		<0.019	U	
		VMP-5-5-101918	10/19/2018	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-5-5-012219	1/22/2019	<0.0041	U		<0.0041	U		<0.0041	U		0.008	J		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-5-5-050119	5/1/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0 006	U		<0.019	U	
	12.5 ft	VMP-5-12.5-071818	7/18/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-5-12.5-101918	10/19/2018	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-5-12.5-012219	1/22/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-5-12.5-050119	5/1/2019	<0.005	U		<0.005	U		<0 005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	31 ft	VMP-5-31-071818	7/18/2018	<0.005	U		<0.005	U		<0 005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-5-31-101918	10/19/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-5-31-012219	1/22/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-5-31-050119	5/1/2019	<0.005	U		<0.005	U		<0 005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	40 ft	VMP-5-40-071818	7/18/2018	<0.005	U		<0.005	U		<0 005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-5-40-101918	10/19/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-5-40-020419	2/4/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-5-40-050119	5/1/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
VMP-6	5 ft	VMP-6-5-071918	7/19/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-6-5-102218	10/22/2018	<0.0051	U		<0.0051	U		<0.0051	U		0.0072	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-6-5-013119	1/31/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-6-5-042519	4/25/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
	10 ft	VMP-6-10-071918	7/19/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		0 0017	J		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-6-10-102218	10/22/2018	<0.0046	U		<0.0046	U		<0.0046	U		0.0058	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-6-10-012219	1/22/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-6-10-042519	4/25/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	31.5 ft	VMP-6-31.5-071918	7/19/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-6-31.5-102218	10/22/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-6-31.5-020119	2/1/2019	<0.0089	U		<0.0089	U		<0.0089	U		<0.078	U		<0.01	U		<0 01	U		<0.01	U		<0.032	U	
		VMP-6-31.5-042519	4/25/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
	39 ft	VMP-6-39-071918	7/19/2018	<0.0049	U		<0.0049	U		<0.0049	U		0.0094	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-6-39-102218	10/22/2018	<0.0046	U		<0.0046	U		<0.0046	U		0.0017	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-6-39-012219	1/22/2019	<0.0044	U		<0.0044	U		<0.0044	U		0.0036	J		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-6-39-042519	4/25/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
VMP-7	5 ft	VMP-7-5-071918	7/19/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		0.0025	J		<0.017	U	
		VMP-7-5-102218	10/22/2018	<0.005	U		<0.005	U		<0 005	U		0.0021	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-7-5-012219	1/22/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-7-5-042519	4/25/2019	<0.005	U		<0.005	U		<0 005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	13.5 ft	VMP-7-13.5-071918	7/19/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-7-13.5-102218	10/22/2018	<0.0048	U		<0.0048	U		<0.0048	U		0.0022	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-7-13.5-020119	2/1/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-7-13.5-042519	4/25/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	29.5 ft	VMP-7-29.5-071918	7/19/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-7-29.5-102218	10/22/2018	<0.0048	U		<0.0048	U		<0.0048	U		0.0019	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-7-29.5-020119	2/1/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-7-29.5-042519	4/25/2019	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
	38 ft	VMP-7-38-071918	7/19/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-7-38-071918-DUP	7/19/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-7-38-102218	10/22/2018	<0.0054	U		<0.0054	U		<0.0054	U		0.0026	J		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-7-38-012219	1/22/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.036	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-7-38-042519	4/25/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-7-38-042519-DUP	4/25/2019	<0.0047	U		0.005			<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	

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

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-072518	7/25/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-8-5-102418	10/24/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-8-5-011819	1/18/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.036	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-8-5-042419	4/24/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	9.5 ft	VMP-8-9.5-072518	7/25/2018	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-8-9.5-102418	10/24/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-8-9.5-011819	1/18/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-8-9.5-042419	4/24/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	23.5 ft	VMP-8-23.5-072518	7/25/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-8-23.5-102418	10/24/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-8-23.5-011819	1/18/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-8-23.5-022719R	2/27/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-8-23.5-042419	4/24/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	35.5 ft	VMP-8-35.5-072518	7/25/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-8-35.5-072518-DUP	7/25/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-8-35.5-102418	10/24/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-8-35.5-011819	1/18/2019	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-8-35.5-042419	4/24/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-8-35.5-042419-DUP	4/24/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
VMP-9	5 ft	VMP-9-5-071918	7/19/2018	<0.005	U		<0.005	U		<0 005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-9-5-102318	10/23/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-9-5-012519	1/25/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-9-5-042419	4/24/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	11.5 ft	VMP-9-11.5-071918	7/19/2018	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-9-11.5-102318	10/23/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-9-11.5-013119	1/31/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.037	U		<0.005	U		<0.0049	U		<0.0049	U		<0.015	U	
		VMP-9-11.5-042419	4/24/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	25.5 ft	VMP-9-25.5-071918	7/19/2018	<0.005	U		<0.005	U		<0 005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-9-25.5-102318	10/23/2018	<0.0046	U		<0.0046	U		<0.0046	U		0.0047	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-9-25.5-011819	1/18/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-9-25.5-042419	4/24/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
	38.5 ft	VMP-9-38.5-071918	7/19/2018	<0.0051	U		<0.0051	U		<0.0051	U		0.0049	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-9-38.5-102318	10/23/2018	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-9-38.5-011819	1/18/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-9-38.5-011819-DUP	1/18/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-9-38.5-042419	4/24/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-9-38.5-042419-DUP	4/24/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
VMP-18	8.5 ft	VMP-18-8.5-080718	8/7/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-18-8.5-102618	10/26/2018	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-18-8.5-012519	1/25/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-18-8.5-043019	4/30/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
VMP-19	5 ft	VMP-19-5-073018	7/30/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-19-5-073018-DUP	7/30/2018	<0.0044	U		<0.0044	U		<0.0044	U		0.0033	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-19-5-103118	10/31/2018	<0.005	U		<0.005	U		<0 005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-19-5-103118-DUP	10/31/2018	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-19-5-012219	1/22/2019	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-19-5-043019	4/30/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-19-5-043019-Dup	4/30/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
VMP-20	5 ft	VMP-20-5-071818	7/18/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-20-5-102418	10/24/2018	<0.0044	U		<0.0044	U		<0.0044	U		0.0021	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-20-5-012119	1/21/2019	<0 2	U		<0.2	U		<0.2	U		0.2	J		<0.24	U		<0 23	U		<0.23	U		<0.74	U	
		VMP-20-5-042619	4/26/2019	<0.0094	U		<0.0094	U		<0.0094	U		<0.082	U		<0.011	U		<0.011	U		<0 011	U		<0.034	U	
	10 ft	VMP-20-10-071818	7/18/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-20-10-102418	10/24/2018	<0.0045	U		<0.0045	U		<0.0045	U		0.0021	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-20-10-012119	1/21/2019	<0.056	U		<0.056	U		<0 056	U		<0.49	U		<0.065	U		<0.064	U		<0 064	U		<0.2	U	
		VMP-20-10-042619	4/26/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	25 ft	VMP-20-25-071818	7/18/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-20-25-102418	10/24/2018	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-20-25-012119	1/21/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.036	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-20-25-012119-DUP	1/21/2019	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-20-25-042619	4/26/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	39.5 ft	VMP-20-39.5-071818	7/18/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-20-39.5-071818-DUP	7/18/2018	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-20-39.5-102418	10/24/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-20-39.5-020519	2/5/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-20-39.5-042619	4/26/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-21	5 ft	VMP-21-5-072318	7/23/2018	<0.0048	U		0.0041	J		<0.0048	U		0.0034	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-21-5-102318	10/23/2018	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-21-5-012119	1/21/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-21-5-042619	4/26/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	10 ft	VMP-21-10-072318	7/23/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-21-10-102318	10/23/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-21-10-012119	1/21/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-21-10-042619	4/26/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	25 ft	VMP-21-25-072318	7/23/2018	<0.0046	U		<0.0046	U		<0.0046	U		0.0043	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
		VMP-21-25-102318	10/23/2018	<0.0043	U		<0.0043	U		<0.0043	U		0.0051	J		<0.005	U		<0.0049	U		<0.0049	U		<0.015	U	
		VMP-21-25-012119	1/21/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-21-25-042619	4/26/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	33 ft	VMP-21-33-072318	7/23/2018	<0.005	U		<0.005	U		<0 005	U		0.0044	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-21-33-102318	10/23/2018	<0.0043	U		<0.0043	U		<0.0043	U		0.0031	J		<0.005	U		<0.0049	U		<0.0049	U		<0.015	U	
		VMP-21-33-102318-DUP	10/23/2018	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-21-33-012119	1/21/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-21-33-012119-DUP	1/21/2019	<0.0041	U		<0.0041	U		<0.0041	U		0.0024	J		<0.0047	U		<0.0046	U		<0.0046	U		0.0018	J	
		VMP-21-33-042619	4/26/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
VMP-22	5 ft	VMP-22-5-071818	7/18/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-22-5-101918	10/19/2018	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-22-5-012819	1/28/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
		VMP-22-5-043019	4/30/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
	10 ft	VMP-22-10-071818	7/18/2018	<0.0048	U		<0.0048	U		<0.0048	U		0.0027	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-22-10-101918	10/19/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-22-10-012819	1/28/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	18 ft	VMP-22-18-071818	7/18/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-22-18-101918	10/19/2018	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-22-18-012819	1/28/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-22-18-043019	4/30/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	38 ft	VMP-22-38-071818	7/18/2018	<0.0067	U		<0.0067	U		<0.0067	U		<0.059	U		<0.0078	U		<0.0077	U		<0.0077	U		<0.024	U	
		VMP-22-38-071818-DUP	7/18/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-22-38-101918	10/19/2018	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-22-38-012819	1/28/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-22-38-012819-DUP	1/28/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-22-38-043019	4/30/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
VMP-23	5 ft	VMP-23-5-071718	7/17/2018	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-23-5-101918	10/19/2018	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-23-5-012319	1/23/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-23-5-042919	4/29/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
	10 ft	VMP-23-10-071718	7/17/2018	<0.005	U		<0.005	U		<0 005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-23-10-101918	10/19/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-23-10-012319	1/23/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-23-10-042919	4/29/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	25 ft	VMP-23-25-071718	7/17/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-23-25-101918	10/19/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-23-25-012319	1/23/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-23-25-042919	4/29/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
	40 ft	VMP-23-40-071718	7/17/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-23-40-071718-DUP	7/17/2018	<0.0048	U		<0.0048	U		<0.0048	U		0.0036	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-23-40-101918	10/19/2018	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-23-40-101918-DUP	10/19/2018	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-23-40-012319	1/23/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.037	U		<0.005	U		<0.0049	U		<0.0049	U		<0.015	U	
		VMP-23-40-012319-DUP	1/23/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-23-40-042919	4/29/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-23-40-042919-DUP	4/29/2019	<0.005	U		<0.005	U		<0 005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-072018	7/20/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-24-5-102518	10/25/2018	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-24-5-012419	1/24/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-24-5-012419-DUP	1/24/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-24-5-042419	4/24/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	10 ft	VMP-24-10-072018	7/20/2018	<0.0046	U		<0.0046	U		<0.0046	U		0.003	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-24-10-102518	10/25/2018	<0.0082	U		<0.0082	U		<0.0082	U		<0.072	U		<0.0095	U		<0.0094	U		<0.0094	U		<0.03	U	
		VMP-24-10-012419	1/24/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-24-10-042419	4/24/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	22 ft	VMP-24-22-072018	7/20/2018	<0.0046	U		<0.0046	U		<0.0046	U		0.0031	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-24-22-102518	10/25/2018	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-24-22-012419	1/24/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-24-22-042419	4/24/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	34 ft	VMP-24-34-072018	7/20/2018	<0.0048	U		<0.0048	U		<0.0048	U		0.0048	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-24-34-072018-DUP	7/20/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-24-34-102518	10/25/2018	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-24-34-102518-DUP	10/25/2018	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-24-34-012419	1/24/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-24-34-042419	4/24/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
VMP-32	5 ft	VMP-32-5-072318	7/23/2018	<0.0047	U		0.0013	J		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-32-5-012319	1/23/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-32-5-043019	4/30/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
	10 ft	VMP-32-10-072318	7/23/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-32-10-102518	10/25/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
		VMP-32-10-012319	1/23/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-32-10-043019	4/30/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	20 ft	VMP-32-20-072318	7/23/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-32-20-102518	10/25/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
		VMP-32-20-012319	1/23/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-32-20-043019	4/30/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	30 ft	VMP-32-30-072318	7/23/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-32-30-102518	10/25/2018	<0.0045	U		<0.0045	U		<0.0045	U		0.0034	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-32-30-012319	1/23/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-32-30-050319	5/3/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.037	U		<0.005	U		<0.0049	U		<0.0049	U		<0.015	U	
VMP-42	10 ft	VMP-42-10-072318	7/23/2018	<0.0048	U		<0.0048	U		<0.0048	U		0.0057	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-42-10-102218	10/22/2018	<0.0046	U		<0.0046	U		<0.0046	U		0.0015	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-42-10-012519	1/25/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		0.0018	J	
		VMP-42-10-050119	5/1/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	20 ft	VMP-42-20-072318	7/23/2018	<0.005	U		<0.005	U		<0 005	U		0.0032	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-42-20-102218	10/22/2018	<0.005	U		<0.005	U		<0 005	U		0.0019	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-42-20-020519	2/5/2019	<0.005	U		<0.005	U		<0 005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-42-20-050119	5/1/2019	<0.005	U		<0.005	U		<0 005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	30 ft	VMP-42-30-072318	7/23/2018	<0.0047	U		<0.0047	U		<0.0047	U		0.0047	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-42-30-072318-DUP	7/23/2018	<0.0047	U		<0.0047	U		<0.0047	U		0.0039	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-42-30-102218	10/22/2018	<0.0046	U		<0.0046	U		<0.0046	U		0.0041	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
		VMP-42-30-112818	11/28/2018	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-42-30-012519	1/25/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-42-30-050119	5/1/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
VMP-43	10 ft	VMP-43-10-071818	7/18/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-43-10-102918	10/29/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-43-10-012919	1/29/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-43-10-042919	4/29/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	20 ft	VMP-43-20-071818	7/18/2018	<0.005	U		0 01			<0 005	U		0.0049	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-43-20-102918	10/29/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		0 0026	J		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-43-20-012919	1/29/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-43-20-042919	4/29/2019	<0.005	U		<0.005	U		<0 005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	30 ft	VMP-43-30-071818	7/18/2018	<0.005	U		<0.005	U		<0 005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		0.0087	J	
		VMP-43-30-102918	10/29/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-43-30-012919	1/29/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-43-30-012919-DUP	1/29/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-43-30-042919	4/29/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-071818	7/18/2018	<0.0051	U		<0.0051	U		<0.0051	U		0.0044	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-44-10-102518	10/25/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-44-10-012219	1/22/2019	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-44-10-042919	4/29/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	20 ft	VMP-44-20-071818	7/18/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-44-20-102518	10/25/2018	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-44-20-020419	2/4/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-44-20-020419-DUP	2/4/2019	<0.005	U		<0.005	U		<0 005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		0.0046	J	
		VMP-44-20-042919	4/29/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	30 ft	VMP-44-30-071818	7/18/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-44-30-102518	10/25/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-44-30-012219	1/22/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-44-30-042919	4/29/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
VMP-45	10 ft	VMP-45-10-071918	7/19/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-45-10-102518	10/25/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-45-10-012219	1/22/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-45-10-042519	4/25/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
	20 ft	VMP-45-20-071918	7/19/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-45-20-102518	10/25/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-45-20-012219	1/22/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-45-20-042519	4/25/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	30 ft	VMP-45-30-071918	7/19/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-45-30-102518	10/25/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-45-30-012219	1/22/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-45-30-042519	4/25/2019	<0.005	U		<0.005	U		<0 005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-45-30-052819R	5/28/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0 006	U		<0.019	U	
VMP-47	5 ft	VMP-47-5-071918	7/19/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-47-5-102318	10/23/2018	<0.0045	U		<0.0045	U		<0.0045	U		0.0025	J		<0.0052	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-47-5-012919	1/29/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-47-5-042519	4/25/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	10 ft	VMP-47-10-071918	7/19/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-47-10-102318	10/23/2018	<0.0047	U		<0.0047	U		<0.0047	U		0.002	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-47-10-012919	1/29/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-47-10-042519	4/25/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
	20 ft	VMP-47-20-071918	7/19/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-47-20-102318	10/23/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
		VMP-47-20-012919	1/29/2019	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0047	U		<0.0046	U		<0.0046	U		<0.015	U	
		VMP-47-20-042519	4/25/2019	<0.005	U		<0.005	U		<0 005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	30 ft	VMP-47-30-071918	7/19/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-47-30-102318	10/23/2018	<0.0047	U		<0.0047	U		<0.0047	U		0.0037	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-47-30-050319	5/3/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
VMP-48	5 ft	VMP-48-5-072418	7/24/2018	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-48-5-102418	10/24/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-48-5-012319	1/23/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		0 014	J	
		VMP-48-5-042619	4/26/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	10 ft	VMP-48-10-072418	7/24/2018	<0.0051	U		<0.0051	U		<0.0051	U		0.0039	J		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-48-10-102418	10/24/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-48-10-012319	1/23/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-48-10-042619	4/26/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	20 ft	VMP-48-20-102418	10/24/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-48-20-012319	1/23/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
	30 ft	VMP-48-30-072418	7/24/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-48-30-102418	10/24/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-48-30-012319	1/23/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-48-30-042619	4/26/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-49	5 ft	VMP-49-5-072018	7/20/2018	<0.0049	U		0.0021	J		<0.0049	U		0.003	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-49-5-102318	10/23/2018	<0.0047	U		<0.0047	U		<0.0047	U		0.0022	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-49-5-020119	2/1/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-49-5-042919	4/29/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
	10 ft	VMP-49-10-072018	7/20/2018	<0.0048	U		<0.0048	U		<0.0048	U		0.0028	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-49-10-102318	10/23/2018	<0.0048	U		<0.0048	U		<0.0048	U		0.0054	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-49-10-012119	1/21/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.036	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-49-10-042919	4/29/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	20 ft	VMP-49-20-072018	7/20/2018	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-49-20-102318	10/23/2018	<0.0049	U		<0.0049	U		<0.0049	U		0.0018	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-49-20-012119	1/21/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-49-20-042919	4/29/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	30 ft	VMP-49-30-072018	7/20/2018	<0.005	U		<0.005	U		<0 005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-49-30-102318	10/23/2018	<0.0048	U		<0.0048	U		<0.0048	U		0.0021	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-49-30-012119	1/21/2019	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-49-30-042919	4/29/2019	<0.0047	U		<0.0047	U		<0.0047	U		0.005	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-49-30-042919-DUP	4/29/2019	<0.005	U		<0.005	U		<0 005	U		0.0032	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
VMP-50	5 ft	VMP-50-5-072618	7/26/2018	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-50-5-103018	10/30/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-50-5-020519	2/5/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-50-5-042919	4/29/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
	10 ft	VMP-50-10-072618	7/26/2018	<0.005	U		<0.005	U		<0 005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-50-10-103018	10/30/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-50-10-012519	1/25/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-50-10-042919	4/29/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
	20 ft	VMP-50-20-072618	7/26/2018	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-50-20-103018	10/30/2018	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-50-20-020119	2/1/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-50-20-042919	4/29/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
	30 ft	VMP-50-30-072618	7/26/2018	<0.098	U		<0.098	U		<0 098	U		<0.85	U		<0.11	U		<0.11	U		<0.11	U		<0.35	U	
		VMP-50-30-103018	10/30/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-50-30-012519	1/25/2019	<0.089	U		<0.089	U		<0 089	U		<0.78	U		<0.1	U		<0.1	U		<0.1	U		<0.32	U	
		VMP-50-30-012519-DUP	1/25/2019	<0.081	U		<0.081	U		<0 081	U		<0.71	U		<0.095	U		<0.093	U		<0 093	U		<0.3	U	
		VMP-50-30-042919	4/29/2019	<0.049	U		<0.049	U		<0 049	U		<0.43	U		<0.057	U		<0.056	U		<0 056	U		<0.18	U	
VMP-51	5 ft	VMP-51-5-071718	7/17/2018	<0.0052	U		<0.0052	U		<0.0052	U		0.0038	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-51-5-101918	10/19/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-51-5-012319	1/23/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-51-5-050119	5/1/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0 006	U		<0.019	U	
	10 ft	VMP-51-10-071718	7/17/2018	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-51-10-101918	10/19/2018	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-51-10-012319	1/23/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-51-10-050119	5/1/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
	20 ft	VMP-51-20-071718	7/17/2018	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0 006	U		<0.019	U	
		VMP-51-20-101918	10/19/2018	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-51-20-012319	1/23/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-51-20-050119	5/1/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
	30 ft	VMP-51-30-071718	7/17/2018	<0.005	U		<0.005	U		<0 005	U		0.0042	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-51-30-071718-DUP	7/17/2018	<0.005	U		<0.005	U		<0 005	U		0.0039	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-51-30-101918	10/19/2018	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-51-30-101918-DUP	10/19/2018	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-51-30-012319	1/23/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.036	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-51-30-050119	5/1/2019	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-51-30-050119-DUP	5/1/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-52	5 ft	VMP-52-5-072018	7/20/2018	<0.0048	U		<0.0048	U		<0.0048	U		0.0046	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-52-5-102318	10/23/2018	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-52-5-013119	1/31/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
		VMP-52-5-050219	5/2/2019	<0.098	U		<0.098	U		<0 098	U		<0.85	U		<0.11	U		<0.11	U		<0.11	U		<0.35	U	
	10 ft	VMP-52-10-072018	7/20/2018	<0.0047	U		<0.0047	U		<0.0047	U		0.0027	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-52-10-102318	10/23/2018	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-52-10-013119	1/31/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
	20 ft	VMP-52-20-072018	7/20/2018	<0.0048	U		<0.0048	U		<0.0048	U		0.003	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-52-20-102318	10/23/2018	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-52-20-013119	1/31/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-52-20-013119-DUP	1/31/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-52-20-050219	5/2/2019	<0.005	U		<0.005	U		<0 005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
	30 ft	VMP-52-30-072018	7/20/2018	<0.0049	U		<0.0049	U		<0.0049	U		0.0051	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-52-30-102318	10/23/2018	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0047	U		<0.0046	U		<0.0046	U		<0.015	U	
		VMP-52-30-102318-DUP	10/23/2018	<0.0043	U		<0.0043	U		<0.0043	U		0.0037	J		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-52-30-013119	1/31/2019	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-52-30-050219	5/2/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0 006	U		<0.019	U	
VMP-53	5 ft	VMP-53-5-072518	7/25/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-53-5-102318	10/23/2018	<0.0047	U		<0.0047	U		<0.0047	U		0.0073	J		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-53-5-011819	1/18/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.036	U		<0.0048	U		<0.0048	U		0.00088	J		<0.015	U	
		VMP-53-5-050319	5/3/2019	<0.005	U		<0.005	U		<0 005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-53-5-050319-DUP	5/3/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
	10 ft	VMP-53-10-072518	7/25/2018	<0.0051	U		0.001	J		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-53-10-102318	10/23/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-53-10-011819	1/18/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-53-10-050319	5/3/2019	<0.016	U		<0.016	U		<0 016	U		<0.14	U		<0.019	U		<0.019	U		<0 019	U		<0.06	U	
	20 ft	VMP-53-20-072518	7/25/2018	<0.005	U		<0.005	U		<0 005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-53-20-102318	10/23/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-53-20-011819	1/18/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-53-20-050319	5/3/2019	<0.54	U		<0.54	U		<0.54	U		<1.9	U		<0.62	U		<0 61	U		<0.61	U		<1.9	U	
	30 ft	VMP-53-30-072518	7/25/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-53-30-102318	10/23/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-53-30-013119	1/31/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-53-30-050319	5/3/2019	<0.05	U		<0.05	U		<0.05	U		<0.44	U		<0.059	U		<0.058	U		<0 058	U		<0.18	U	
VMP-54	5 ft	VMP-54-5-072518	7/25/2018	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0 006	U		<0.019	U	
		VMP-54-5-102418	10/24/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		0.0036	J	
		VMP-54-5-011819	1/18/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-54-5-042419	4/24/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
	10 ft	VMP-54-10-072518	7/25/2018	<0.0051	U		<0.0051	U		<0.0051	U		0.0022	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-54-10-102418	10/24/2018	<0.0047	U		<0.0047	U		<0.0047	U		0.0023	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-54-10-011819	1/18/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.037	U		<0.005	U		<0.0049	U		<0.0049	U		<0.015	U	
		VMP-54-10-042419	4/24/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0 006	U		<0.019	U	
	20 ft	VMP-54-20-072518	7/25/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-54-20-102418	10/24/2018	<0.0047	U		<0.0047	U		<0.0047	U		0.0019	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-54-20-011819	1/18/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-54-20-042419	4/24/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
	30 ft	VMP-54-30-072518	7/25/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-54-30-102418	10/24/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-54-30-011819	1/18/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-54-30-042419	4/24/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
VMP-56	10 ft	VMP-56-10-072618	7/26/2018	<0.0049	U		<0.0049	U		<0.0049	U		0.0034	J		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-56-10-102918	10/29/2018	<0.0046	U		<0.0046	U		<0.0046	U		0.0076	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-56-10-012819	1/28/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-56-10-050119	5/1/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	25 ft	VMP-56-25-072618	7/26/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-56-25-102918	10/29/2018	<0.0048	U		0.0014	J		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-56-25-012819	1/28/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-56-25-012819-DUP	1/28/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-56-25-050119	5/1/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
	38.5 ft	VMP-56-38.5-072618	7/26/2018	<51	U		<51	U		<51	U		<180	U		<60	U		<59	U		<59	U		<190	U	
		VMP-56-38.5-102918	10/29/2018	<9.4	U		<9.4	U		<9.4	U		<33	U		<11	U		<11	U		<11	U		<34	U	
		VMP-56-38.5-012819	1/28/2019	<350	U		<350	U		<350	U		130	J		<410	U		<400	U		<400	U		<1300	U	
		VMP-56-38.5-050119	5/1/2019	<200	U		<200	U		<200	U		<690	U		<230	U		<220	U		<220	U		<710	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-072418	7/24/2018	<0.005	U		<0.005	U		<0 005	U		0.0055	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-62-5-102418	10/24/2018	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-62-5-012819	1/28/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-62-5-042619	4/26/2019	<0.0048	U		0.003	J		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	10 ft	VMP-62-10-072418	7/24/2018	<0.005	U		<0.005	U		<0 005	U		0.0071	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-62-10-102418	10/24/2018	<0.0042	U		0.014			<0.0042	U		0.0054	J		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-62-10-012819	1/28/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-62-10-042619	4/26/2019	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
	20 ft	VMP-62-20-072418	7/24/2018	<0.0049	U		<0.0049	U		<0.0049	U		0.0078	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-62-20-102418	10/24/2018	<0.0045	U		<0.0045	U		<0.0045	U		0.0032	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-62-20-012819	1/28/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-62-20-042619	4/26/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	30 ft	VMP-62-30-072418	7/24/2018	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-62-30-102418	10/24/2018	<0.0045	U		<0.0045	U		<0.0045	U		0.0025	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-62-30-102418-DUP	10/24/2018	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-62-30-020519	2/5/2019	<0.005	U		<0.005	U		<0 005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-62-30-042619	4/26/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-62-30-042619-DUP	4/26/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
VMP-63	5 ft	VMP-63-5-071918	7/19/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-63-5-102218	10/22/2018	<0.0044	U		<0.0044	U		<0.0044	U		0.0023	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-63-5-012919	1/29/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0 005	U		<0.016	U	
		VMP-63-5-042519	4/25/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	10 ft	VMP-63-10-071918	7/19/2018	<0.0041	U		<0.0041	U		<0.0041	U		0.0049	J		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-63-10-102218	10/22/2018	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-63-10-012919	1/29/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-63-10-042519	4/25/2019	<0.005	U		<0.005	U		<0 005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	20 ft	VMP-63-20-071918	7/19/2018	<0.0048	U		<0.0048	U		<0.0048	U		0.0044	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-63-20-102218	10/22/2018	<0.0045	U		<0.0045	U		<0.0045	U		0.0018	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-63-20-012919	1/29/2019	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-63-20-022719R	2/27/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-63-20-042519	4/25/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-63-20-042519-DUP	4/25/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
	30 ft	VMP-63-30-071918	7/19/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-63-30-071918-DUP	7/19/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		0 0026	J		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-63-30-102218	10/22/2018	<0.0043	U		<0.0043	U		<0.0043	U		0.0023	J		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-63-30-102218-DUP	10/22/2018	<0.0045	U		<0.0045	U		<0.0045	U		0.0025	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-63-30-020419	2/4/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-63-30-050319	5/3/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
VMP-64	5 ft	VMP-64-5-072318	7/23/2018	<0.0048	U		<0.0048	U		<0.0048	U		0.0052	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-64-5-102518	10/25/2018	<0.0046	U		<0.0046	U		<0.0046	U		0.005	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-64-5-012119	1/21/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-64-5-042619	4/26/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	10 ft	VMP-64-10-072318	7/23/2018	<0.0045	U		0.012			<0.0045	U		0.0063	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-64-10-102518	10/25/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-64-10-012119	1/21/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-64-10-042619	4/26/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	20 ft	VMP-64-20-072318	7/23/2018	<0.0048	U		<0.0048	U		<0.0048	U		0.0022	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-64-20-102518	10/25/2018	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-64-20-102518-DUP	10/25/2018	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-64-20-012119	1/21/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-64-20-042619	4/26/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-071818	7/18/2018	<0.009	U		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-1-5-102218	10/22/2018	<0.0096	U		<0.0056	U		<0.0063	U		<0 0098	U		<0.0089	U		0.0015	J		<0 055	U		0.0045		
		VMP-1-5-012319	1/23/2019	0.0076	J		<0.0047	U		<0.0053	U		<0 0083	U		<0.0076	U		<0.0044	U		<0 046	U		<0 0038	U	
		VMP-1-5-043019	4/30/2019	<0.0096	U		<0.0056	U		<0.0063	U		<0 0098	U		<0.0089	U		<0.0052	U		<0 055	U		<0 0045	U	
	8.5 ft	VMP-1-8.5-071818	7/18/2018	0.007	J		<0.0056	U		<0.0063	U		<0 0099	U		<0.009	U		<0.0053	U		<0 055	U		<0 0045	U	
		VMP-1-8.5-102218	10/22/2018	0.0039	J		<0.0049	U		<0.0055	U		<0 0086	U		<0.0078	U		<0.0046	U		<0 048	U		<0 0039	U	
		VMP-1-8.5-012319	1/23/2019	0.0038	J		<0.0047	U		<0.0054	U		<0 0084	U		<0.0076	U		<0.0045	U		<0 046	U		<0 0038	U	
		VMP-1-8.5-043019	4/30/2019	0.0034	J		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
	23.5 ft	VMP-1-23.5-071818	7/18/2018	0.012			<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0 055	U		<0 0046	U	
		VMP-1-23.5-102218	10/22/2018	<0.009	U		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		0.0019	J		<0 051	U		0.0099		J
		VMP-1-23.5-102218-DUP	10/22/2018	0.0079	J		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	UJ
		VMP-1-23.5-012319	1/23/2019	0.011			<0.0047	U		<0.0053	U		<0 0083	U		<0.0076	U		<0.0044	U		<0 046	U		0.0013	J	
		VMP-1-23.5-012319-DUP	1/23/2019	<0.008	U		<0.0046	U		<0.0052	U		<0 0082	U		<0.0074	U		<0.0044	U		<0 045	U		<0 0038	U	
		VMP-1-23.5-043019	4/30/2019	0.0082	J		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		0.00099	J		<0 051	U		<0 0042	U	
VMP-2	5 ft	VMP-2-5-072418	7/24/2018	<0.0089	U		<0.0051	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0 0042	U	
		VMP-2-5-102418	10/24/2018	0.0059	J		<0.0052	U		<0.0059	U		<0 0093	U		<0.0084	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-2-5-012319	1/23/2019	<0.0081	U		<0.0046	U		<0.0053	U		<0 0082	U		<0.0075	U		<0.0044	U		<0 046	U		<0 0038	U	
		VMP-2-5-042619	4/26/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0 0095	U		<0.0086	U		<0.0051	U		<0 053	U		<0 0044	U	
	8.5 ft	VMP-2-8.5-072418	7/24/2018	<0.0086	U		<0.0049	U		<0.0056	U		<0 0087	U		<0.0079	U		<0.0046	U		<0 048	U		<0.004	U	
		VMP-2-8.5-102418	10/24/2018	0.0076	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-2-8.5-012319	1/23/2019	<0.0084	U		<0.0048	U		<0.0055	U		<0 0085	U		<0.0078	U		<0.0046	U		<0 048	U		<0 0039	U	
		VMP-2-8.5-042619	4/26/2019	0.0047	J		0.018			<0.0059	U		<0 0093	U		<0.0084	U		0.15			<0 052	U		0.31		
	22 ft	VMP-2-22-072418	7/24/2018	<0.0093	U		<0.0054	U		<0.0061	U		<0 0095	U		<0.0087	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-2-22-072418-DUP	7/24/2018	0.01			<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		0.0021	J	
		VMP-2-22-102418	10/24/2018	<0.0081	U		<0.0047	U		<0.0053	U		<0 0083	U		<0.0076	U		0.0018	J		<0 046	U		0.0041		
		VMP-2-22-102418-DUP	10/24/2018	0.0046	J		<0.0051	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0048	U		<0.05	U		0.0045		
		VMP-2-22-012319	1/23/2019	<0.0083	U		<0.0048	U		<0.0054	U		<0 0085	U		<0.0077	U		<0.0045	U		<0 047	U		<0 0039	U	
		VMP-2-22-042619	4/26/2019	<0.0095	U		<0.0055	U		<0.0062	U		<0 0096	U		<0.0088	U		<0.0052	U		<0 054	U		<0 0044	U	
		VMP-2-22-042619-DUP	4/26/2019	<0.009	U		<0.0052	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0049	U		<0 051	U		<0 0042	U	
VMP-3	5 ft	VMP-3-5-072318	7/23/2018	0.003	J		<0.0055	U		<0.0063	U		<0 0098	U		<0.0089	U		<0.0052	U		<0 054	U		<0 0045	U	
		VMP-3-5-102918	10/29/2018	<0.0089	U		<0.0051	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0 0042	U	
		VMP-3-5-012419	1/24/2019	0.007	J		<0.005	U		<0.0057	U		<0 0088	U		<0.0081	U		<0.0047	U		<0 049	U		<0 0041	U	
		VMP-3-5-042919	4/29/2019	<0.0086	U		<0.005	U		<0.0056	U		<0 0088	U		<0.008	U		<0.0047	U		<0 049	U		<0.004	U	
	10 ft	VMP-3-10-072318	7/23/2018	0.0043	J		<0.0053	U		<0 006	U		<0 0094	U		<0.0086	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-3-10-102918	10/29/2018	<0.0084	U		<0.0049	U		<0.0055	U		<0 0086	U		<0.0078	U		<0.0046	U		<0 048	U		<0 0039	U	
		VMP-3-10-020119	2/1/2019	0.01			<0.0054	U		<0.0061	U		<0 0095	U		<0.0086	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-3-10-042919	4/29/2019	<0.0091	U		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
	22 ft	VMP-3-22-072318	7/23/2018	0.0053	J		<0.0055	U		<0.0062	U		<0 0097	U		<0.0088	U		<0.0052	U		<0 054	U		<0 0044	U	
		VMP-3-22-102918	10/29/2018	<0.0087	U		0.0035	J		0.0037	J		<0 0088	U		<0.008	U		0.005			<0 049	U		0.0046		
		VMP-3-22-012419	1/24/2019	0.0047	J		<0.0049	U		<0.0055	U		<0 0086	U		<0.0078	U		0.002	J		<0 048	U		0.0078		
		VMP-3-22-042919	4/29/2019	<0.0091	U		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
	31.5 ft	VMP-3-31.5-072318	7/23/2018	0.011			<0.0054	U		<0.0061	U		<0 0096	U		<0.0087	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-3-31.5-102918	10/29/2018	<0.009	U		<0.0052	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-3-31.5-012419	1/24/2019	<0.0084	U		<0.0049	U		<0.0055	U		<0 0086	U		<0.0078	U		<0.0046	U		<0 048	U		<0 0039	U	
		VMP-3-31.5-042919	4/29/2019	0.014			0.0039	J		0 002	J		<0 0091	U		<0.0083	U		0.006			<0 051	U		<0 0042	U	
	39 ft	VMP-3-39-072318	7/23/2018	0.0063	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.0022	J		<0 058	U		0.0019	J	
		VMP-3-39-102918	10/29/2018	<0.0091	U		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-3-39-012419	1/24/2019	0.0076	J		<0.0046	U		<0.0052	U		<0.008	U		<0.0073	U		0.0012	J		<0 045	U		0.0029	J	
		VMP-3-39-012419-DUP	1/24/2019	<0.0078	U		0.0012	J		<0.0051	U		<0 0079	U		<0.0072	U		0.0031	J		<0 044	U		0.0083		
VMP-4	5 ft	VMP-4-5-072318	7/23/2018	<0.0093	U		<0.0053	U		<0 006	U		<0 0094	U		<0.0086	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-4-5-102918	10/29/2018	0.0064	J		<0.0053	U		<0 006	U		<0 0094	U		<0.0085	U		<0.005	U		<0 052	U		0.0024	J	
		VMP-4-5-012119	1/21/2019	0.0052	J		<0.0049	U		<0.0056	U		<0 0087	U		<0.0079	U		<0.0046	U		<0 048	U		<0.004	U	
		VMP-4-5-043019	4/30/2019	0.01			<0.0053	U		<0 006	U		<0 0094	U		<0.0086	U		<0.005	U		<0 052	U		<0 0043	U	
	12 ft	VMP-4-12-072318	7/23/2018	0.0063	J		<0.0053	U		<0 006	U		<0 0093	U		<0.0085	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-4-12-102918	10/29/2018	<0.0095	U		<0.0055	U		<0.0062	U		<0 0096	U		<0.0088	U		<0.0052	U		<0 054	U		<0 0044	U	
		VMP-4-12-012119	1/21/2019	0.0086			<0.0047	U		<0.0053	U		<0 0083	U		<0.0076	U		<0.0044	U		<0 046	U		<0 0038	U	
		VMP-4-12-043019	4/30/2019	0.042			<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0 059	U		<0 0049	U	
	23.5 ft	VMP-4-23.5-072318	7/23/2018	0.01			<0.0055	U		<0.0062	U		<0 0097	U		<0.0089	U		<0.0052	U		<0 054	U		0.0019	J	
		VMP-4-23.5-072318-DUP	7/23/2018	0.0062	J		<0.0053	U		<0 006	U		<0 0094	U		<0.0085	U		<0.005	U		<0 052	U		0.00089	J	
		VMP-4-23.5-102918	10/29/2018	0.0041	J		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-4-23.5-012119	1/21/2019	<0.0078	U		<0.0045	U		<0.0051	U		<0.008	U		<0.0073	U		<0.0043	U		<0 044	U		<0 0037	U	
		VMP-4-23.5-043019	4/30/2019	0.018			<0.0055	U		<0.0062	U		<0 0097	U		<0.0088	U		<0.0052	U		<0 054	U		<0 0044	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene 1.3			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-5	5 ft	VMP-5-5-071818	7/18/2018	0.0054	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0 056	U		0 001	J	
		VMP-5-5-101918	10/19/2018	<0.0085	U		<0.0049	U		<0.0056	U		<0 0087	U		<0.0079	U		<0.0046	U		<0 048	U		0.0012	J	
		VMP-5-5-012219	1/22/2019	<0.0078	U		0.046			<0.0051	U		<0.008	U		<0.0073	U		0.006			<0 044	U		<0 0037	U	
		VMP-5-5-050119	5/1/2019	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U	UJ	<0.0092	U		<0.0054	U		<0 056	U		<0 0046	U	
	12.5 ft	VMP-5-12.5-071818	7/18/2018	0.0054	J		<0.0054	U		<0.0061	U		<0 0095	U		<0.0087	U		0.0031	J		<0 053	U		0.0054		
		VMP-5-12.5-101918	10/19/2018	0.0086			<0.0048	U		<0.0054	U		<0 0085	U		<0.0078	U		<0.0045	U		<0 047	U		<0 0039	U	
		VMP-5-12.5-012219	1/22/2019	<0.0084	U		<0.0049	U		<0.0055	U		<0 0086	U		<0.0078	U		<0.0046	U		<0 048	U		<0 0039	U	
		VMP-5-12.5-050119	5/1/2019	0.008	J		<0.0055	U		<0.0062	U		<0 0096	U	UJ	<0.0088	U		<0.0052	U		<0 054	U		<0 0044	U	
	31 ft	VMP-5-31-071818	7/18/2018	0.014			<0.0055	U		<0.0062	U		<0 0097	U		<0.0089	U		<0.0052	U		<0 054	U		<0 0045	U	
		VMP-5-31-101918	10/19/2018	<0.0087	U		<0.005	U		<0.0056	U		<0 0088	U		<0.008	U		<0.0047	U		<0 049	U		<0.004	U	
		VMP-5-31-012219	1/22/2019	<0.0084	U		<0.0049	U		<0.0055	U		<0 0086	U		<0.0078	U		<0.0046	U		<0 048	U		<0 0039	U	
		VMP-5-31-050119	5/1/2019	<0.0094	U		<0.0054	U		<0.0061	U		<0 0096	U	UJ	<0.0087	U		<0.0051	U		<0 053	U		<0 0044	U	
	40 ft	VMP-5-40-071818	7/18/2018	0.0075	J		0.0014	J		0.0012	J		<0 0096	U		<0.0087	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-5-40-101918	10/19/2018	<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		0.0029	J		<0.05	U		0.0089		
		VMP-5-40-020419	2/4/2019	<0.0093	U		<0.0054	U		0.0026	J		<0 0095	U		<0.0087	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-5-40-050119	5/1/2019	<0.0084	U		<0.0049	U		<0.0055	U		<0 0086	U	UJ	<0.0078	U		<0.0046	U		<0 048	U		<0 0039	U	
VMP-6	5 ft	VMP-6-5-071918	7/19/2018	0.34			<0.0052	U		<0.0059	U		<0 0093	U		<0.0084	U		<0.005	U		<0 052	U		0.0018	J	
		VMP-6-5-102218	10/22/2018	0.034			<0.0056	U		<0.0063	U		<0 0098	U		<0.009	U		<0.0053	U		<0 055	U		<0 0045	U	
		VMP-6-5-013119	1/31/2019	<0.0081	U		0.012			0.0042	J		<0 0083	U		<0.0076	U		0.053			<0 046	U		0.12		
		VMP-6-5-042519	4/25/2019	<0.0085	U		<0.0049	U		<0.0056	U		<0 0087	U		<0.0079	U		<0.0046	U		<0 048	U		0.0035	J	
	10 ft	VMP-6-10-071918	7/19/2018	0.0093			<0.0054	U		<0.0061	U		<0 0095	U		<0.0086	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-6-10-102218	10/22/2018	0.0098			<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		0.0065			<0.05	U		0.0042		
		VMP-6-10-012219	1/22/2019	<0.0083	U		<0.0048	U		<0.0054	U		<0 0084	U		<0.0077	U		<0.0045	U		<0 047	U		<0 0039	U	
		VMP-6-10-042519	4/25/2019	<0.009	U		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
	31.5 ft	VMP-6-31.5-071918	7/19/2018	0 2			<0.0052	U		<0.0059	U		<0 0093	U		<0.0084	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-6-31.5-102218	10/22/2018	<0.009	U		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		0.0014	J		<0 051	U		0.0052		
		VMP-6-31.5-020119	2/1/2019	<0.017	U		0 83			0.21			<0.017	U		<0.016	U		0.74			<0 096	U		0.94		
		VMP-6-31.5-042519	4/25/2019	<0.0098	U		0.42			0.09			<0 0099	U		<0.009	U		0.46			<0 055	U		0.29		
	39 ft	VMP-6-39-071918	7/19/2018	0.013			<0.0054	U		<0.0061	U		<0 0095	U		<0.0086	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-6-39-102218	10/22/2018	<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-6-39-012219	1/22/2019	<0.0084	U		<0.0048	U		<0.0054	U		<0 0085	U		<0.0078	U		<0.0045	U		<0 047	U		<0 0039	U	
		VMP-6-39-042519	4/25/2019	<0.0092	U		<0.0053	U		<0 006	U		<0 0093	U		<0.0085	U		<0.005	U		<0 052	U		<0 0043	U	
VMP-7	5 ft	VMP-7-5-071918	7/19/2018	<0.0091	J	U	<0.0052	U		<0.0059	U		<0 0093	U		<0.0084	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-7-5-102218	10/22/2018	<0.0096	U		<0.0055	U		<0.0063	U		<0 0098	U		<0.0089	U		<0.0052	U		<0 054	U		<0 0045	U	
		VMP-7-5-012219	1/22/2019	0.0046	J		<0.0046	U		<0.0052	U		<0 0082	U		<0.0074	U		<0.0044	U		<0 045	U		<0 0038	U	
		VMP-7-5-042519	4/25/2019	<0.0094	U		<0.0054	U		<0.0061	U		<0 0096	U		<0.0087	U		<0.0051	U		<0 053	U		<0 0044	U	
	13.5 ft	VMP-7-13.5-071918	7/19/2018	<0.009	U		<0.0052	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-7-13.5-102218	10/22/2018	<0.0092	U		<0.0053	U		<0 006	U		<0 0094	U		<0.0086	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-7-13.5-020119	2/1/2019	0.0059	J		<0.0052	U		<0.0059	U		<0 0093	U		<0.0084	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-7-13.5-042519	4/25/2019	<0.0091	U		<0.0052	U		<0.0059	U		<0 0093	U		<0.0084	U		<0.005	U		<0 052	U		<0 0043	U	
	29.5 ft	VMP-7-29.5-071918	7/19/2018	<0.0091	U		<0.0052	U		<0.0059	U		<0 0093	U		<0.0084	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-7-29.5-102218	10/22/2018	0.0065	J		<0.0053	U		<0 006	U		<0 0094	U		<0.0086	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-7-29.5-020119	2/1/2019	0.0028	J		<0.005	U		<0.0057	U		<0 0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-7-29.5-042519	4/25/2019	<0.011	U		<0.0062	U		<0 007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U	
	38 ft	VMP-7-38-071918	7/19/2018	<0.0093	U		<0.0054	U		<0.0061	U		<0 0095	U		<0.0086	U		<0.0051	U		<0 053	U		0.0015	J	
		VMP-7-38-071918-DUP	7/19/2018	<0.0091	U		<0.0052	U		<0.0059	U		<0 0093	U		<0.0084	U		<0.005	U		<0 052	U		0 003	J	
		VMP-7-38-102218	10/22/2018	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0 058	U		<0 0048	U	
		VMP-7-38-012219	1/22/2019	0.0044	J		<0.0046	U		<0.0052	U		<0.008	U		<0.0073	U		<0.0043	U		<0 045	U		0.0051		
		VMP-7-38-042519	4/25/2019	<0.0097	U		<0.0056	U		<0.0063	U		<0 0098	U		<0.009	U		<0.0053	U		<0 055	U		<0 0045	U	
		VMP-7-38-042519-DUP	4/25/2019	<0.0089	U		<0.0051	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0 0042	U	

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

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-072518	7/25/2018	0.0067	J		0.00097	J		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		0 002	J	
		VMP-8-5-102418	10/24/2018	<0.0089	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		0.0019	J	
		VMP-8-5-011819	1/18/2019	<0.0079	U		<0.0046	U		<0.0052	U		<0.008	U		<0.0073	U		<0.0043	U		<0 045	U		<0 0037	U	
		VMP-8-5-042419	4/24/2019	<0.0088	U		<0.005	U		<0.0057	U		<0 0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0 0041	U	
	9.5 ft	VMP-8-9.5-072518	7/25/2018	0.015			<0.0056	U		<0.0063	U		<0 0098	U		<0.009	U		<0.0053	U		<0 055	U		<0 0045	U	
		VMP-8-9.5-102418	10/24/2018	<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-8-9.5-011819	1/18/2019	<0.0081	U		<0.0047	U		<0.0053	U		<0 0083	U		<0.0076	U		0.0011	J		<0 046	U		0.0032	J	
		VMP-8-9.5-042419	4/24/2019	<0.0088	U		0.2			0 067			<0 0089	U		<0.0081	U		0.53			<0.05	U		0.86		
	23.5 ft	VMP-8-23.5-072518	7/25/2018	0.0096			<0.0054	U		<0.0061	U		<0 0095	U		<0.0087	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-8-23.5-102418	10/24/2018	<0.0087	U		<0.005	U		<0.0056	U		<0 0088	U		<0.008	U		<0.0047	U		<0 049	U		<0.004	U	
		VMP-8-23.5-011819	1/18/2019	0.0064	J		0.0039	J		0.0036	J		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		0.0022	J	
		VMP-8-23.5-022719R	2/27/2019	<0.0084	U		<0.0048	U		<0.0054	U		<0 0085	U		<0.0078	U		0.0023	J		<0 047	U		0.0042		
		VMP-8-23.5-042419	4/24/2019	<0.0088	U		<0.005	U		<0.0057	U		<0 0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0 0041	U	
	35.5 ft	VMP-8-35.5-072518	7/25/2018	0.1		J	<0.0053	U		<0 006	U		<0 0094	U		<0.0085	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-8-35.5-072518-DUP	7/25/2018	0.04		J	<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-8-35.5-102418	10/24/2018	<0.0088	U		<0.005	U		<0.0057	U		<0 0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-8-35.5-011819	1/18/2019	<0.0078	U		<0.0045	U		<0.0051	U		<0.008	U		<0.0073	U		<0.0043	U		<0 044	U		0.0018	J	
		VMP-8-35.5-042419	4/24/2019	<0.009	U		<0.0052	U		0 012		J	<0 0091	U		<0.0083	U		<0.0049	U		<0 051	U		0.0051		
		VMP-8-35.5-042419-DUP	4/24/2019	<0.0086	U		<0.005	U		<0.0056	U	UJ	<0 0088	U		<0.008	U		<0.0047	U		<0 049	U		<0.004	U	
VMP-9	5 ft	VMP-9-5-071918	7/19/2018	<0.0096	J	U	<0.0055	U		<0.0062	U		<0 0097	U		<0.0089	U		<0.0052	U		<0 054	U		<0 0045	U	
		VMP-9-5-102318	10/23/2018	<0.0093	U		<0.0054	U		<0.0061	U		<0 0095	U		<0.0086	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-9-5-012519	1/25/2019	0.0041	J		<0.0048	U		<0.0054	U		<0 0084	U		<0.0077	U		<0.0045	U		<0 047	U		<0 0039	U	
		VMP-9-5-042419	4/24/2019	<0.0093	U		<0.0053	U		<0 006	U		<0 0094	U		<0.0086	U		<0.005	U		<0 052	U		<0 0043	U	
	11.5 ft	VMP-9-11.5-071918	7/19/2018	<0.0099	J	U	<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0 056	U		<0 0046	U	
		VMP-9-11.5-102318	10/23/2018	0.0097			<0.0053	U		<0 006	U		<0 0094	U		<0.0085	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-9-11.5-013119	1/31/2019	0.013			<0.0047	U		<0.0053	U		<0 0082	U		<0.0075	U		<0.0044	U		<0 046	U		<0 0038	U	
		VMP-9-11.5-042419	4/24/2019	0.013			<0.0054	U		<0.0061	U		<0 0095	U		<0.0087	U		<0.0051	U		<0 053	U		<0 0044	U	
	25.5 ft	VMP-9-25.5-071918	7/19/2018	<0.0094	J	U	<0.0054	U		<0.0061	U		<0 0096	U		<0.0087	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-9-25.5-102318	10/23/2018	0.0052	J		<0.005	U		<0.0056	U		<0 0088	U		<0.008	U		0.0027	J		<0 049	U		0.0026	J	
		VMP-9-25.5-011819	1/18/2019	<0.0081	U		<0.0046	U		<0.0053	U		<0 0082	U		<0.0075	U		<0.0044	U		<0 046	U		<0 0038	U	
		VMP-9-25.5-042419	4/24/2019	0.012			<0.0049	U		<0.0055	U		<0 0086	U		<0.0079	U		<0.0046	U		<0 048	U		<0.004	U	
	38.5 ft	VMP-9-38.5-071918	7/19/2018	0.008	J		<0.0056	U		<0.0063	U		<0 0098	U		<0.0089	U		<0.0052	U		<0 055	U		0.0013	J	
		VMP-9-38.5-102318	10/23/2018	0.013			0.0016	J		0.0021	J	J	<0 0084	U		<0.0076	U		0.0027	J		<0 047	U		0.0038		
		VMP-9-38.5-011819	1/18/2019	0.0022	J		<0.0046	U		<0.0052	U		<0 0082	U		<0.0074	U		<0.0044	U		<0 045	U		<0 0038	U	
		VMP-9-38.5-011819-DUP	1/18/2019	<0.0081	U		<0.0047	U		<0.0053	U		<0 0083	U		<0.0076	U		<0.0044	U		<0 046	U		<0 0038	U	
		VMP-9-38.5-042419	4/24/2019	<0.0092	U		<0.0053	U		<0 006	U		<0 0093	U		<0.0085	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-9-38.5-042419-DUP	4/24/2019	<0.0093	U		<0.0053	U		<0 006	U		<0 0094	U		<0.0086	U		<0.005	U		<0 052	U		<0 0043	U	
VMP-18	8.5 ft	VMP-18-8.5-080718	8/7/2018	0.038			<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-18-8.5-102618	10/26/2018	<0.0085	U		<0.0049	U		<0.0056	U		<0 0087	U		<0.0079	U		<0.0046	U		<0 048	U		<0.004	U	
		VMP-18-8.5-012519	1/25/2019	0.003	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0042	U	
		VMP-18-8.5-043019	4/30/2019	0.0034	J		<0.0053	U		<0 006	U		<0 0094	U		<0.0086	U		<0.005	U		<0 052	U		<0 0043	U	
VMP-19	5 ft	VMP-19-5-073018	7/30/2018	<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		0.0016	J		<0.05	U		0.0046		
		VMP-19-5-073018-DUP	7/30/2018	0.011			<0.0049	U		<0.0055	U		<0 0086	U		<0.0078	U		0.0022	J		<0 048	U		0.0052		
		VMP-19-5-103118	10/31/2018	<0.0096	U		<0.0055	U		<0.0062	U		<0 0097	U		<0.0089	U		<0.0052	U		<0 054	U		<0 0045	U	
		VMP-19-5-103118-DUP	10/31/2018	<0.0082	U		<0.0048	U		<0.0054	U		<0 0084	U		<0.0076	U		<0.0045	U		<0 047	U		<0 0038	U	
		VMP-19-5-012219	1/22/2019	<0.0078	U		<0.0045	U		<0.0051	U		<0 0079	U		<0.0072	U		<0.0042	U		<0 044	U		<0 0036	U	
		VMP-19-5-043019	4/30/2019	0.0054	J		<0.0054	U		<0.0061	U		<0 0095	U		<0.0087	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-19-5-043019-Dup	4/30/2019	<0.0093	U		<0.0053	U		<0 006	U		<0 0094	U		<0.0086	U		<0.005	U		<0 052	U		<0 0043	U	
VMP-20	5 ft	VMP-20-5-071818	7/18/2018	0.0053	J		<0.0053	U		<0 006	U		<0 0094	U		<0.0085	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-20-5-102418	10/24/2018	<0.0084	U		<0.0049	U		<0.0055	U		<0 0086	U		<0.0078	U		0.0014	J		<0 048	U		0.0014	J	
		VMP-20-5-012119	1/21/2019	0.22	J		<0.22	U		<0.25	U		<0.39	U		<0.36	U		<0 21	U		<2.2	U		0.63		
		VMP-20-5-042619	4/26/2019	<0.018	U		<0.01	U		<0 012	U		<0.018	U		<0.017	U		<0.0097	U		<0.1	U		<0 0084	U	
	10 ft	VMP-20-10-071818	7/18/2018	<0.0091	U		<0.0052	U		<0.0059	U		<0 0093	U		<0.0084	U		<0.005	U		<0 052	U		0.0049		
		VMP-20-10-102418	10/24/2018	<0.0085	U		<0.0049	U		<0.0056	U		<0 0087	U		<0.0079	U		<0.0046	U		<0 048	U		<0.004	U	
		VMP-20-10-012119	1/21/2019	<0.1	U		<0.061	U		<0 069	U		<0.11	U		<0.098	U		<0.058	U		<0.6	U		<0.05	U	
		VMP-20-10-042619	4/26/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0 0095	U		<0.0086	U		<0.0051	U		<0 053	U		<0 0044	U	
	25 ft	VMP-20-25-071818	7/18/2018	<0.0092	U		<0.0053	U		<0 006	U		<0 0093	U		<0.0085	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-20-25-102418	10/24/2018	<0.0084	U		<0.0048	U		<0.0055	U		<0 0085	U		<0.0078	U		<0.0046	U		<0 048	U		<0 0039	U	
		VMP-20-25-012119	1/21/2019	<0.0079	U		<0.0046	U		<0.0052	U		<0.008	U		<0.0073	U		0.0022	J		<0 045	U		0.0071		
		VMP-20-25-012119-DUP	1/21/2019	<0.0079	U		<0.0045	U		<0.0051	U		<0.008	U		<0.0073	U		0.0017	J		<0 044	U		0.0063		
		VMP-20-25-042619	4/26/2019	<0.009	U		<0.0052	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0049	U		<0 051	U		<0 0042	U	
	39.5 ft	VMP-20-39.5-071818	7/18/2018	<0.0092	U		<0.0053	U		<0 006	U		<0 0094	U		<0.0086	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-20-39.5-071818-DUP	7/18/2018	<0.0097	U		<0.0056	U		<0.0063	U		<0 0099	U		<0.009	U		<0.0053	U		<0 055	U		<0 0045	U	
		VMP-20-39.5-102418	10/24/2018	<0.0092	U		<0.0053	U		<0 006	U		<0 0094	U		<0.0086	U		<0.005	U		<0 052	U		0.0015	J	
		VMP-20-39.5-020519	2/5/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0 0095	U		<0.0086	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-20-39.5-042619	4/26/2019	<0.0086	U		<0.0049	U		<0.0056	U		<0 0087	U		<0.008	U		<0.0047	U		<0 049	U		<0.004	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-21	5 ft	VMP-21-5-072318	7/23/2018	0.0055	J		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		0.0016	J	
		VMP-21-5-102318	10/23/2018	<0.0086	U		<0.0049	U		<0.0056	U		<0 0087	U		<0.0079	U		<0.0046	U		<0 048	U		<0.004	U	
		VMP-21-5-012119	1/21/2019	0.0023	J		<0.0048	U		<0.0054	U		<0 0084	U		<0.0077	U		<0.0045	U		<0 047	U		<0 0039	U	
		VMP-21-5-042619	4/26/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0 0095	U		<0.0086	U		<0.0051	U		<0 053	U		<0 0044	U	
	10 ft	VMP-21-10-072318	7/23/2018	0.0034	J		<0.0051	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0 0042	U	
		VMP-21-10-102318	10/23/2018	<0.0087	U		<0.005	U		<0.0056	U		<0 0088	U		<0.008	U		<0.0047	U		<0 049	U		<0.004	U	
		VMP-21-10-012119	1/21/2019	0.0046	J		<0.005	U		<0.0057	U		<0 0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-21-10-042619	4/26/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0 0095	U		<0.0086	U		<0.0051	U		<0 053	U		<0 0044	U	
	25 ft	VMP-21-25-072318	7/23/2018	0.0077	J		<0.005	U		<0.0057	U		<0 0088	U		<0.0081	U		0.0063			<0 049	U		0 025		
		VMP-21-25-102318	10/23/2018	0.025			<0.0047	U		<0.0053	U		<0 0082	U		<0.0075	U		0.0046			<0 046	U		0.0042		
		VMP-21-25-012119	1/21/2019	<0.0087	U		<0.005	U		<0.0057	U		<0 0089	U		<0.0081	U		<0.0048	U		<0 049	U		<0 0041	U	
		VMP-21-25-042619	4/26/2019	0.0068	J		<0.0052	U		<0.0059	U		<0 0093	U		<0.0084	U		<0.005	U		<0 052	U		<0 0043	U	
	33 ft	VMP-21-33-072318	7/23/2018	0.022			<0.0055	U		<0.0062	U		<0 0097	U		<0.0088	U		0.0013	J		<0 054	U		0.0075		
		VMP-21-33-102318	10/23/2018	0.011			<0.0047	U		<0.0053	U		<0 0082	U		<0.0075	U		<0.0044	U		<0 046	U		<0 0038	U	
		VMP-21-33-102318-DUP	10/23/2018	<0.0081	U		<0.0047	U		<0.0053	U		<0 0083	U		<0.0076	U		<0.0044	U		<0 046	U		<0 0038	U	
		VMP-21-33-012119	1/21/2019	<0.009	U		<0.0052	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-21-33-012119-DUP	1/21/2019	0.012			<0.0044	U		<0 005	U		<0 0078	U		<0.0072	U		<0.0042	U		<0 044	U		0.0017	J	
		VMP-21-33-042619	4/26/2019	<0.0091	U		<0.0052	U		<0.0059	U		<0 0093	U		<0.0084	U		<0.005	U		<0 052	U		<0 0043	U	
VMP-22	5 ft	VMP-22-5-071818	7/18/2018	0.014			<0.0053	U		<0 006	U		<0 0094	U		<0.0086	U		<0.005	U		<0 052	U		0.0018	J	
		VMP-22-5-101918	10/19/2018	<0.0084	U		<0.0049	U		<0.0055	U		<0 0086	U		<0.0078	U		<0.0046	U		<0 048	U		<0 0039	U	
		VMP-22-5-012819	1/28/2019	0.021			<0.005	U		<0.0057	U		<0 0088	U		<0.0081	U		<0.0047	U		<0 049	U		<0 0041	U	
		VMP-22-5-043019	4/30/2019	<0.0087	U		<0.005	U		<0.0056	U		<0 0088	U		<0.008	U		<0.0047	U		0.031	J		<0.004	U	
	10 ft	VMP-22-10-071818	7/18/2018	0.0089	J		<0.0053	U		<0 006	U		<0 0094	U		<0.0085	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-22-10-101918	10/19/2018	0.0039	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-22-10-012819	1/28/2019	0.0026	J		<0.005	U		<0.0057	U		<0 0089	U		<0.0081	U		<0.0048	U		<0 049	U		<0 0041	U	
	18 ft	VMP-22-18-071818	7/18/2018	0.0064	J		<0.0054	U		<0.0061	U		<0 0095	U		<0.0087	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-22-18-101918	10/19/2018	<0.0083	U		<0.0048	U		<0.0054	U		<0 0085	U		<0.0077	U		<0.0045	U		<0 047	U		<0 0039	U	
		VMP-22-18-012819	1/28/2019	0.0025	J		<0.0048	U		<0.0054	U		<0 0085	U		<0.0077	U		<0.0045	U		<0 047	U		<0 0039	U	
		VMP-22-18-043019	4/30/2019	<0.0087	U		<0.005	U		<0.0057	U		<0 0089	U		<0.0081	U		<0.0048	U		<0 049	U		<0 0041	U	
	38 ft	VMP-22-38-071818	7/18/2018	0.0089	J		0.016		J	0 013			<0.013	U		<0.012	U		0.29		J	<0 072	U		0.32		
		VMP-22-38-071818-DUP	7/18/2018	0.0072	J		<0.0054	U	UJ	<0.0061	U		<0 0095	U		<0.0086	U		0.0037	J	J	<0 053	U		0 004	J	
		VMP-22-38-101918	10/19/2018	<0.0082	U		<0.0048	U		<0.0054	U		<0 0084	U		<0.0076	U		0.042			<0 047	U		0.19		
		VMP-22-38-012819	1/28/2019	0.0022	J		<0.005	U		<0.0057	U		<0 0089	U		<0.0081	U		<0.0048	U		<0 049	U		0.0019	J	
		VMP-22-38-012819-DUP	1/28/2019	0.0024	J		<0.0054	U		<0.0061	U		<0 0095	U		<0.0087	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-22-38-043019	4/30/2019	<0.0088	U		0.013			0 012			<0.009	U		<0.0082	U		0.033			<0.05	U		0.0075		
VMP-23	5 ft	VMP-23-5-071718	7/17/2018	0.005	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0 056	U		<0 0046	U	
		VMP-23-5-101918	10/19/2018	<0.0081	U		<0.0046	U		<0.0053	U		<0 0082	U		<0.0075	U		0.011			<0 046	U		0.03		
		VMP-23-5-012319	1/23/2019	<0.0085	U		<0.0049	U		<0.0055	U		<0 0086	U		<0.0079	U		<0.0046	U		<0 048	U		<0.004	U	
		VMP-23-5-042919	4/29/2019	<0.0092	U		<0.0053	U		<0 006	U		<0 0094	U		<0.0085	U		<0.005	U		<0 052	U		0.0052		
	10 ft	VMP-23-10-071718	7/17/2018	0.0068	J		<0.0055	U		<0.0062	U		<0 0096	U		<0.0088	U		<0.0052	U		<0 054	U		<0 0044	U	
		VMP-23-10-101918	10/19/2018	0.0044	J		<0.0053	U		<0 006	U		<0 0094	U		<0.0086	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-23-10-012319	1/23/2019	<0.0082	U		<0.0048	U		<0.0054	U		<0 0084	U		<0.0076	U		<0.0045	U		<0 047	U		0.0059		
		VMP-23-10-042919	4/29/2019	<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0041	U	
	25 ft	VMP-23-25-071718	7/17/2018	0.0045	J		<0.0053	U		<0 006	U		<0 0093	U		<0.0085	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-23-25-101918	10/19/2018	0.0033	J		<0.005	U		<0.0057	U		<0 0089	U		<0.0081	U		<0.0048	U		<0 049	U		0 001	J	
		VMP-23-25-012319	1/23/2019	<0.0085	U		<0.0049	U		<0.0056	U		<0 0087	U		<0.0079	U		<0.0046	U		<0 048	U		<0.004	U	
		VMP-23-25-042919	4/29/2019	<0.0089	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0042	U	
	40 ft	VMP-23-40-071718	7/17/2018	0.0032	J		<0.0054	U		<0.0061	U		<0 0095	U		<0.0087	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-23-40-071718-DUP	7/17/2018	0.0064	J		<0.0053	U		<0 006	U		<0 0094	U		<0.0085	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-23-40-101918	10/19/2018	<0.0084	U		<0.0048	U		<0.0054	U		<0 0085	U		<0.0078	U		<0.0045	U		<0 047	U		0.0024	J	
		VMP-23-40-101918-DUP	10/19/2018	<0.0082	U		<0.0047	U		<0.0054	U		<0 0084	U		<0.0076	U		0.0016	J		<0 046	U		0.0049		
		VMP-23-40-012319	1/23/2019	<0.0081	U		<0.0047	U		<0.0053	U		<0 0082	U		<0.0075	U		<0.0044	U		<0 046	U		<0 0038	U	
		VMP-23-40-012319-DUP	1/23/2019	<0.0082	U		<0.0048	U		<0.0054	U		<0 0084	U		<0.0076	U		<0.0045	U		<0 047	U		0 004		
		VMP-23-40-042919	4/29/2019	<0.0098	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0 056	U		<0 0046	U	
		VMP-23-40-042919-DUP	4/29/2019	<0.0095	U		<0.0055	U		<0.0062	U		<0 0097	U		<0.0088	U		<0.0052	U		<0 054	U		<0 0044	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-072018	7/20/2018	0.0093			0.00092	J		<0.0058	U		<0.009	U		<0.0082	U		0.0061			<0.05	U		0 019		
		VMP-24-5-102518	10/25/2018	<0.0086	U		<0.005	U		<0.0056	U		<0 0088	U		<0.008	U		<0.0047	U		<0 049	U		<0.004	U	
		VMP-24-5-012419	1/24/2019	<0.0082	U		<0.0047	U		<0.0054	U		<0 0084	U		<0.0076	U		<0.0045	U		<0 046	U		<0 0038	U	
		VMP-24-5-012419-DUP	1/24/2019	<0.0087	U		<0.005	U		<0.0056	U		<0 0088	U		<0.008	U		<0.0047	U		<0 049	U		<0.004	U	
		VMP-24-5-042419	4/24/2019	<0.0093	U		<0.0054	U		0 002	J		<0 0095	U		<0.0086	U		<0.0051	U		<0 053	U		<0 0044	U	
	10 ft	VMP-24-10-072018	7/20/2018	0.006	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-24-10-102518	10/25/2018	<0.016	U		0.021			0.0076	J		<0.016	U		<0.014	U		0.047			<0 088	U		0 031		
		VMP-24-10-012419	1/24/2019	<0.0082	U		<0.0047	U		<0.0054	U		<0 0084	U		<0.0076	U		<0.0045	U		<0 046	U		<0 0038	U	
		VMP-24-10-042419	4/24/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0 0095	U		<0.0086	U		<0.0051	U		<0 053	U		<0 0044	U	
	22 ft	VMP-24-22-072018	7/20/2018	<0.0088	U		<0.005	U		<0.0057	U		<0 0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-24-22-102518	10/25/2018	<0.0084	U		<0.0049	U		<0.0055	U		<0 0086	U		<0.0078	U		<0.0046	U		<0 048	U		0.0026	J	
		VMP-24-22-012419	1/24/2019	0.0036	J		<0.0049	U		<0.0056	U		<0 0087	U		<0.0079	U		<0.0046	U		<0 048	U		<0.004	U	
		VMP-24-22-042419	4/24/2019	<0.009	U		<0.0052	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0049	U		<0 051	U		<0 0042	U	
	34 ft	VMP-24-34-072018	7/20/2018	0.02			<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-24-34-072018-DUP	7/20/2018	0.0084	J		<0.0053	U		<0 006	U		<0 0094	U		<0.0085	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-24-34-102518	10/25/2018	<0.0084	U		<0.0048	U		<0.0055	U		<0 0085	U		<0.0078	U		<0.0046	U		<0 048	U		0.0011	J	
		VMP-24-34-102518-DUP	10/25/2018	<0.0083	U		<0.0048	U		<0.0054	U		<0 0084	U		<0.0077	U		<0.0045	U		<0 047	U		<0 0039	U	
		VMP-24-34-012419	1/24/2019	<0.008	U		<0.0046	U		<0.0052	U		<0 0081	U		<0.0074	U		<0.0043	U		<0 045	U		<0 0037	U	
		VMP-24-34-042419	4/24/2019	<0.0091	U		<0.0052	U		<0.0059	U		<0 0093	U		<0.0084	U		<0.005	U		<0 052	U		<0 0043	U	
VMP-32	5 ft	VMP-32-5-072318	7/23/2018	0.01			0.0022	J		<0.0058	U		<0 0091	U		<0.0083	U		0.0015	J		<0 051	U		0.0013	J	
		VMP-32-5-012319	1/23/2019	<0.0081	U		<0.0046	U		<0.0053	U		<0 0082	U		<0.0075	U		<0.0044	U		<0 046	U		<0 0038	U	
		VMP-32-5-043019	4/30/2019	<0.0092	U		0.0052	J		0 002	J		<0 0093	U		<0.0085	U		0.0072			<0 052	U		<0 0043	U	
	10 ft	VMP-32-10-072318	7/23/2018	<0.0093	U		<0.0054	U		<0.0061	U		<0 0095	U		<0.0086	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-32-10-102518	10/25/2018	<0.0087	U		<0.005	U		<0.0057	U		<0 0088	U		<0.0081	U		<0.0047	U		<0 049	U		<0 0041	U	
		VMP-32-10-012319	1/23/2019	<0.008	U		0.0013	J		<0.0052	U		<0 0082	U		<0.0074	U		0.0027	J		<0 045	U		0.0069		
		VMP-32-10-043019	4/30/2019	0.0035	J		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
	20 ft	VMP-32-20-072318	7/23/2018	0.0062	J		<0.0054	U		<0.0061	U		<0 0095	U		<0.0086	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-32-20-102518	10/25/2018	0.0035	J		<0.005	U		<0.0057	U		<0 0088	U		<0.0081	U		<0.0047	U		<0 049	U		<0 0041	U	
		VMP-32-20-012319	1/23/2019	0.006	J		<0.0047	U		<0.0053	U		<0 0083	U		<0.0076	U		<0.0044	U		<0 046	U		<0 0038	U	
		VMP-32-20-043019	4/30/2019	0.0032	J		<0.005	U		<0.0057	U		<0 0089	U		<0.0081	U		<0.0048	U		<0 049	U		<0 0041	U	
	30 ft	VMP-32-30-072318	7/23/2018	0.0069	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-32-30-102518	10/25/2018	0.0038	J		<0.005	U		<0.0056	U		<0 0088	U		<0.008	U		<0.0047	U		<0 049	U		<0.004	U	
		VMP-32-30-012319	1/23/2019	<0.0081	U		<0.0046	U		<0.0053	U		<0 0082	U		<0.0075	U		<0.0044	U		<0 046	U		<0 0038	U	
		VMP-32-30-050319	5/3/2019	<0.0081	U		0.0037	J		0.0028	J		<0 0082	ND,UJ		<0.0075	U		0.0041	J		<0 046	U		<0 0038	U	
VMP-42	10 ft	VMP-42-10-072318	7/23/2018	0.01			<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-42-10-102218	10/22/2018	<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-42-10-012519	1/25/2019	0.0036	J		<0.0048	U		<0.0054	U		<0 0085	U		<0.0078	U		<0.0045	U		<0 047	U		<0 0039	U	
		VMP-42-10-050119	5/1/2019	<0.009	U		<0.0052	U		<0.0058	U		<0 0091	U	UJ	<0.0083	U		0.046			<0 051	U		0.18		
	20 ft	VMP-42-20-072318	7/23/2018	0.017			<0.0054	U		<0.0061	U		<0 0096	U		<0.0087	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-42-20-102218	10/22/2018	<0.0095	U		<0.0055	U		<0.0062	U		<0 0096	U		<0.0088	U		<0.0052	U		<0 054	U		<0 0044	U	
		VMP-42-20-020519	2/5/2019	<0.0095	U		<0.0055	U		<0.0062	U		<0 0096	U		<0.0088	U		<0.0052	U		<0 054	U		<0 0044	U	
		VMP-42-20-050119	5/1/2019	<0.0094	U		<0.0054	U		<0.0062	U		<0 0096	U	UJ	<0.0088	U		<0.0051	U		<0 054	U		<0 0044	U	
	30 ft	VMP-42-30-072318	7/23/2018	<0.009	U		<0.0052	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0049	U		<0 051	U		0.00097	J	
		VMP-42-30-072318-DUP	7/23/2018	0.0069	J		<0.0051	U		<0.0058	U		<0 0091	U		<0.0083	U		0.0036	J		<0.05	U		0.0054		
		VMP-42-30-102218	10/22/2018	<0.0087	U		0.0039	J		<0.0057	U		<0 0088	U		<0.0081	U		0.082			<0 049	U		0.39		
		VMP-42-30-112818	11/28/2018	0.0031	J		0.0012	J		<0.0051	U		<0.008	U		<0.0073	U		0.0039	J		<0 044	U		0 008		
		VMP-42-30-012519	1/25/2019	<0.008	U		<0.0046	U		<0.0052	U		<0 0082	U		<0.0074	U		<0.0044	U		<0 045	U		<0 0038	U	
		VMP-42-30-050119	5/1/2019	0.0096			<0.005	U		<0.0057	U		<0 0088	U	UJ	<0.0081	U		<0.0047	U		<0 049	U		<0 0041	U	
VMP-43	10 ft	VMP-43-10-071818	7/18/2018	0.0043	J		<0.0052	U		<0.0059	U		<0 0093	U		<0.0084	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-43-10-102918	10/29/2018	0.021			<0.0051	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0048	U		<0.05	U		0.0029	J	
		VMP-43-10-012919	1/29/2019	<0.0084	U		0.0067			0 078			<0 0086	U		<0.0078	U		<0.0046	U		<0 048	U		<0 0039	U	
		VMP-43-10-042919	4/29/2019	0.03			<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		0 002	J	
	20 ft	VMP-43-20-071818	7/18/2018	0.0093	J		<0.0055	U		<0.0062	U		<0 0097	U		<0.0089	U		<0.0052	U		<0 054	U		<0 0045	U	
		VMP-43-20-102918	10/29/2018	0.045			<0.0054	U		<0.0061	U		<0 0095	U		<0.0086	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-43-20-012919	1/29/2019	0.0044	J		<0.0046	U		<0.0052	U		<0 0082	U		<0.0074	U		0.007			<0 045	U		0 043		
		VMP-43-20-042919	4/29/2019	<0.0095	U		<0.0055	U		<0.0062	U		<0 0096	U		<0.0088	U		<0.0052	U		<0 054	U		<0 0044	U	
	30 ft	VMP-43-30-071818	7/18/2018	0.0096			<0.0055	U		0.0012	J		<0 0098	U		<0.0089	U		<0.0052	U		<0 054	U		<0 0045	U	
		VMP-43-30-102918	10/29/2018	0.014			<0.0052	U		<0.0059	U		<0 0093	U		<0.0084	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-43-30-012919	1/29/2019	<0.0083	U		<0.0048	U		<0.0054	U		<0 0084	U		<0.0077	U		<0.0045	U		<0 047	U		<0 0039	U	
		VMP-43-30-012919-DUP	1/29/2019	<0.0084	U		<0.0049	U		<0.0055	U		<0 0086	U		<0.0078	U		<0.0046	U		<0 048	U		<0 0039	U	
		VMP-43-30-042919	4/29/2019	<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0 055	U		<0 0046	U	

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

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-071818	7/18/2018	0.028			0.0012	J		0.0028	J		<0 0098	U		<0.0089	U		<0.0052	U		<0 055	U		<0 0045	U	
		VMP-44-10-102518	10/25/2018	0.0074	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0042	U	
		VMP-44-10-012219	1/22/2019	<0.0078	U		<0.0045	U		<0.0051	U		<0.008	U		<0.0073	U		<0.0043	U		<0 044	U		<0 0037	U	
		VMP-44-10-042919	4/29/2019	<0.0089	U		<0.0051	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0 0042	U	
	20 ft	VMP-44-20-071818	7/18/2018	<0.0089	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0042	U	
		VMP-44-20-102518	10/25/2018	<0.0086	U		<0.0049	U		<0.0056	U		<0 0087	U		<0.008	U		<0.0047	U		<0 049	U		<0.004	U	
		VMP-44-20-020419	2/4/2019	<0.0091	U		<0.0052	U		<0.0059	U		<0 0093	U		<0.0084	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-44-20-020419-DUP	2/4/2019	<0.0095	U		<0.0055	U		<0.0062	U		<0 0096	U		<0.0088	U		<0.0052	U		<0 054	U		<0 0044	U	
		VMP-44-20-042919	4/29/2019	0.017			<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
	30 ft	VMP-44-30-071818	7/18/2018	0.0078	J		<0.0054	U		<0.0061	U		<0 0095	U		<0.0086	U		0.0024	J		<0 053	U		<0 0044	U	
		VMP-44-30-102518	10/25/2018	<0.009	U		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-44-30-012219	1/22/2019	<0.008	U		<0.0046	U		<0.0052	U		<0 0082	U		<0.0074	U		<0.0044	U		<0 045	U		<0 0038	U	
		VMP-44-30-042919	4/29/2019	<0.0092	U		<0.0053	U		<0 006	U		<0 0094	U		<0.0085	U		<0.005	U		<0 052	U		<0 0043	U	
VMP-45	10 ft	VMP-45-10-071918	7/19/2018	0.017			<0.0054	U		<0.0061	U		<0 0095	U		<0.0086	U		0.004	J		<0 053	U		<0 0044	U	
		VMP-45-10-102518	10/25/2018	<0.009	U		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		0.0022	J	
		VMP-45-10-012219	1/22/2019	<0.0089	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0042	U	
		VMP-45-10-042519	4/25/2019	<0.0092	U		<0.0053	U		<0 006	U		<0 0093	U		<0.0085	U		<0.005	U		<0 052	U		<0 0043	U	
	20 ft	VMP-45-20-071918	7/19/2018	<0.0093	J	U	<0.0053	U		<0 006	U		<0 0094	U		<0.0086	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-45-20-102518	10/25/2018	0.0061	J		<0.005	U		<0.0056	U		<0 0088	U		<0.008	U		<0.0047	U		<0 049	U		<0.004	U	
		VMP-45-20-012219	1/22/2019	0.0078	J		<0.0047	U		<0.0054	U		<0 0084	U		<0.0076	U		<0.0045	U		<0 046	U		0.0038		
		VMP-45-20-042519	4/25/2019	<0.009	U		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
	30 ft	VMP-45-30-071918	7/19/2018	0.008	J		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		0.0014	J		<0 051	U		<0 0042	U	
		VMP-45-30-102518	10/25/2018	<0.009	U		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-45-30-012219	1/22/2019	<0.0082	U		<0.0048	U		<0.0054	U		<0 0084	U		<0.0076	U		<0.0045	U		<0 047	U		<0 0038	U	
		VMP-45-30-042519	4/25/2019	0.0093	J		<0.0055	U		<0.0062	U		<0 0097	U		<0.0089	U		<0.0052	U		<0 054	U		<0 0045	U	
		VMP-45-30-052819R	5/28/2019	0.009	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		0.0044	J		<0 056	U		0.0089		
VMP-47	5 ft	VMP-47-5-071918	7/19/2018	<0.0088	U		<0.005	U		<0.0057	U		<0 0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-47-5-102318	10/23/2018	<0.0086	U		<0.0049	U		<0.0056	U		<0 0087	U		<0.0079	U		<0.0046	U		<0 048	U		<0.004	U	
		VMP-47-5-012919	1/29/2019	0.013			0.0058			0.11			<0 0086	U		<0.0078	U		0.0017	J		<0 048	U		0 003	J	
		VMP-47-5-042519	4/25/2019	<0.0091	U		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
	10 ft	VMP-47-10-071918	7/19/2018	0.0058	J		<0.0052	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-47-10-102318	10/23/2018	<0.0089	U		<0.0051	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0 0042	U	
		VMP-47-10-012919	1/29/2019	<0.009	U		<0.0052	U		0 002	J		<0 0091	U		<0.0083	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-47-10-042519	4/25/2019	<0.0084	U		<0.0048	U		<0.0054	U		<0 0085	U		<0.0078	U		<0.0045	U		<0 047	U		<0 0039	U	
	20 ft	VMP-47-20-071918	7/19/2018	0.0045	J		<0.0052	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-47-20-102318	10/23/2018	<0.0087	U		<0.005	U		<0.0057	U		<0 0088	U		<0.0081	U		<0.0047	U		<0 049	U		<0 0041	U	
		VMP-47-20-012919	1/29/2019	<0.0077	U		<0.0044	U		<0 005	U		<0 0078	U		<0.0072	U		<0.0042	U		<0 044	U		<0 0036	U	
		VMP-47-20-042519	4/25/2019	<0.0095	U		<0.0055	U		<0.0062	U		<0 0097	U		<0.0088	U		<0.0052	U		<0 054	U		<0 0044	U	
	30 ft	VMP-47-30-071918	7/19/2018	0.0046	J		<0.0052	U		<0.0059	U		<0 0093	U		<0.0084	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-47-30-102318	10/23/2018	0.0084	J		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-47-30-050319	5/3/2019	<0.009	U		<0.0052	U		<0.0059	U		<0 0092	ND,UJ		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
VMP-48	5 ft	VMP-48-5-072418	7/24/2018	<0.0084	U		<0.0048	U		<0.0055	U		<0 0085	U		<0.0078	U		<0.0046	U		<0 048	U		<0 0039	U	
		VMP-48-5-102418	10/24/2018	<0.009	U		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-48-5-012319	1/23/2019	0.022			<0.0049	U		<0.0055	U		<0 0086	U		<0.0079	U		<0.0046	U		<0 048	U		<0.004	U	
		VMP-48-5-042619	4/26/2019	0.0036	J		<0.0054	U		<0.0061	U		<0 0095	U		<0.0086	U		<0.0051	U		<0 053	U		<0 0044	U	
	10 ft	VMP-48-10-072418	7/24/2018	<0.0097	U		<0.0056	U		<0.0063	U		<0 0099	U		<0.009	U		0.024			<0 055	U		0.12		
		VMP-48-10-102418	10/24/2018	0.0076	J		<0.0051	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0 0042	U	
		VMP-48-10-012319	1/23/2019	<0.0082	U		<0.0047	U		<0.0053	U		<0 0083	U		<0.0076	U		<0.0044	U		<0 046	U		<0 0038	U	
		VMP-48-10-042619	4/26/2019	0.0049	J		<0.0052	U		<0.0059	U		<0 0093	U		<0.0084	U		<0.005	U		<0 052	U		<0 0043	U	
	20 ft	VMP-48-20-102418	10/24/2018	<0.0093	U		<0.0053	U		<0 006	U		<0 0094	U		<0.0086	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-48-20-012319	1/23/2019	<0.008	U		<0.0046	U		<0.0052	U		<0 0081	U		<0.0074	U		<0.0043	U		<0 045	U		<0 0037	U	
	30 ft	VMP-48-30-072418	7/24/2018	0.007	J		<0.0053	U		<0 006	U		<0 0094	U		<0.0086	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-48-30-102418	10/24/2018	<0.0091	U		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-48-30-012319	1/23/2019	<0.0084	U		<0.0048	U		<0.0054	U		<0 0085	U		<0.0078	U		<0.0045	U		<0 047	U		<0 0039	U	
		VMP-48-30-042619	4/26/2019	<0.0091	U		<0.0052	U		<0.0059	U		<0 0093	U		<0.0084	U		<0.005	U		<0 052	U		<0 0043	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-49	5 ft	VMP-49-5-072018	7/20/2018	0.0067	J		<0.0054	U		<0.0061	U		<0 0095	U		<0.0087	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-49-5-102318	10/23/2018	0.012			<0.0052	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-49-5-020119	2/1/2019	0.0028	J		<0.0049	U		<0.0055	U		<0 0086	U		<0.0078	U		<0.0046	U		<0 048	U		<0 0039	U	
		VMP-49-5-042919	4/29/2019	<0.0096	U		<0.0056	U		<0.0063	U		<0 0098	U		<0.0089	U		<0.0052	U		<0 055	U		<0 0045	U	
	10 ft	VMP-49-10-072018	7/20/2018	0.016			<0.0053	U		<0 006	U		<0 0094	U		<0.0085	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-49-10-102318	10/23/2018	0.016			<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		0.0021	J		<0 051	U		<0 0042	U	
		VMP-49-10-012119	1/21/2019	0.0077	J		<0.0046	U		<0.0052	U		<0.008	U		<0.0073	U		<0.0043	U		<0 045	U		<0 0037	U	
		VMP-49-10-042919	4/29/2019	<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		0.012			<0.05	U		0 035		
	20 ft	VMP-49-20-072018	7/20/2018	0.1			0.001	J		<0.0063	U		<0 0098	U		<0.0089	U		0.0067			<0 055	U		0 018		
		VMP-49-20-102318	10/23/2018	0.0084	J		<0.0054	U		<0.0061	U		<0 0095	U		<0.0086	U		0.0014	J		<0 053	U		0.0026	J	
		VMP-49-20-012119	1/21/2019	0.003	J		<0.0046	U		<0.0052	U		<0 0081	U		<0.0074	U		<0.0043	U		<0 045	U		<0 0037	U	
		VMP-49-20-042919	4/29/2019	<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		0.0046		
	30 ft	VMP-49-30-072018	7/20/2018	0.0068	J		<0.0055	U		<0.0062	U		<0 0097	U		<0.0089	U		<0.0052	U		<0 054	U		<0 0045	U	
		VMP-49-30-102318	10/23/2018	0.015			<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-49-30-012119	1/21/2019	0.0032	J		<0.0045	U		<0.0051	U		<0.008	U		<0.0073	U		<0.0043	U		<0 044	U		<0 0037	U	
		VMP-49-30-042919	4/29/2019	<0.0089	U		<0.0051	U		<0.0058	U		<0 0091	U		<0.0083	U		0.026		J	<0.05	U		0.16		J
		VMP-49-30-042919-DUP	4/29/2019	<0.0096	U		<0.0055	U		<0.0063	U		<0 0098	U		<0.0089	U		0.0034	J	J	<0 054	U		0.0052		J
VMP-50	5 ft	VMP-50-5-072618	7/26/2018	0.0099			<0.0056	U		<0.0063	U		<0 0098	U		<0.009	U		<0.0053	U		<0 055	U		<0 0045	U	
		VMP-50-5-103018	10/30/2018	<0.009	U		<0.0052	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0049	U		<0 051	U		0.0014	J	
		VMP-50-5-020519	2/5/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0 0095	U		<0.0086	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-50-5-042919	4/29/2019	<0.0089	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		0.0022	J	
	10 ft	VMP-50-10-072618	7/26/2018	0.0094	J		<0.0055	U		<0.0062	U		<0 0097	U		<0.0089	U		<0.0052	U		<0 054	U		<0 0045	U	
		VMP-50-10-103018	10/30/2018	0.025			<0.0054	U		<0.0061	U		<0 0095	U		<0.0086	U		0.0011	J		<0 053	U		<0 0044	U	
		VMP-50-10-012519	1/25/2019	<0.0084	U		<0.0048	U		<0.0054	U		<0 0085	U		<0.0078	U		<0.0045	U		<0 047	U		<0 0039	U	
		VMP-50-10-042919	4/29/2019	<0.0097	U		<0.0056	U		<0.0063	U		<0 0098	U		<0.009	U		<0.0053	U		<0 055	U		<0 0045	U	
	20 ft	VMP-50-20-072618	7/26/2018	0.0073	J		<0.0056	U		<0.0063	U		<0 0099	U		<0.009	U		<0.0053	U		<0 055	U		<0 0045	U	
		VMP-50-20-103018	10/30/2018	0.0047	J		<0.0056	U		<0.0063	U		<0 0099	U		<0.009	U		0.002	J		<0 055	U		0.0025	J	
		VMP-50-20-020119	2/1/2019	<0.0088	U		<0.005	U		<0.0057	U		<0 0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-50-20-042919	4/29/2019	<0.0087	U		0 23			0 053			<0 0088	U		<0.008	U		0.36			<0 049	U		0.43		
	30 ft	VMP-50-30-072618	7/26/2018	<0.18	U		0 25			0.17			<0.19	U		<0.17	U		3.3			<1	U		5.4		
		VMP-50-30-103018	10/30/2018	0.0068	J	J	0 23		J	0.2		J	<0 0091	U		<0.0083	U		2.8			<0 051	U		8		
		VMP-50-30-012519	1/25/2019	<0.17	U		0 24			0.15			<0.17	U		<0.16	U		4.1			<0.96	U		6.5		
		VMP-50-30-012519-DUP	1/25/2019	<0.15	U		0 25			0.17			<0.16	U		<0.14	U		4			<0.87	U		6.6		
		VMP-50-30-042919	4/29/2019	<0.093	U		0.18			0.13			<0.094	U		<0.086	U		2.1			<0.52	U		4.7		
VMP-51	5 ft	VMP-51-5-071718	7/17/2018	0.0044	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0 056	U		0.0025	J	
		VMP-51-5-101918	10/19/2018	<0.0087	U		<0.005	U		<0.0056	U		<0 0088	U		<0.008	U		<0.0047	U		<0 049	U		0.0018	J	
		VMP-51-5-012319	1/23/2019	<0.0085	U		<0.0049	U		<0.0056	U		<0 0087	U		<0.0079	U		<0.0046	U		<0 048	U		0 012		
		VMP-51-5-050119	5/1/2019	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U	UJ	<0.0092	U		<0.0054	U		<0 056	U		<0 0046	U	
	10 ft	VMP-51-10-071718	7/17/2018	<0.0096	U		<0.0056	U		<0.0063	U		<0 0098	U		<0.0089	U		<0.0052	U		<0 055	U		<0 0045	U	
		VMP-51-10-101918	10/19/2018	<0.0084	U		<0.0048	U		<0.0054	U		<0 0085	U		<0.0078	U		<0.0045	U		<0 047	U		0.0011	J	
		VMP-51-10-012319	1/23/2019	<0.0082	U		<0.0047	U		<0.0054	U		<0 0084	U		<0.0076	U		<0.0045	U		<0 046	U		<0 0038	U	
		VMP-51-10-050119	5/1/2019	0.017			0.0046	J		<0.0057	U		<0 0088	U	UJ	<0.0081	U		0.042			<0 049	U		0 074		
	20 ft	VMP-51-20-071718	7/17/2018	0.0048	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0 056	U		<0 0046	U	
		VMP-51-20-101918	10/19/2018	<0.0086	U		<0.0049	U		0.0014	J		<0 0087	U		<0.008	U		<0.0047	U		<0 049	U		<0.004	U	
		VMP-51-20-012319	1/23/2019	<0.0081	U		0.0015	J		0.0015	J		<0 0082	U		<0.0075	U		0.0029	J		<0 046	U		0.0062		
		VMP-51-20-050119	5/1/2019	<0.0082	U		<0.0048	U		<0.0054	U		<0 0084	U	UJ	<0.0076	U		<0.0045	U		<0 047	U		<0 0038	U	
	30 ft	VMP-51-30-071718	7/17/2018	0.01			<0.0055	U		<0.0062	U		<0 0097	U		<0.0088	U		0.0022	J		<0 054	U		<0 0044	U	
		VMP-51-30-071718-DUP	7/17/2018	<0.0094	U		<0.0054	U		<0.0061	U		<0 0096	U		<0.0087	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-51-30-101918	10/19/2018	0.0044	J		<0.0048	U		<0.0054	U		<0 0084	U		<0.0076	U		<0.0045	U		<0 047	U		<0 0038	U	
		VMP-51-30-101918-DUP	10/19/2018	0.0019	J		<0.0049	U		<0.0056	U		<0 0087	U		<0.0079	U		<0.0046	U		<0 048	U		<0.004	U	
		VMP-51-30-012319	1/23/2019	<0.0079	U		<0.0046	U		<0.0052	U		<0.008	U		<0.0073	U		<0.0043	U		<0 045	U		<0 0037	U	
		VMP-51-30-050119	5/1/2019	0.0074	J		<0.0059	U		<0.0067	U		<0.01	U	UJ	<0.0095	U		<0.0056	U		<0 058	U		<0 0048	U	
		VMP-51-30-050119-DUP	5/1/2019	<0.0093	U		<0.0053	U		<0 006	U		<0 0094	U	UJ	<0.0086	U		<0.005	U		<0 052	U		<0 0043	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-52	5 ft	VMP-52-5-072018	7/20/2018	0.011			<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		0.0013	J	
		VMP-52-5-102318	10/23/2018	<0.008	U		<0.0046	U		<0.0052	U		<0 0081	U		<0.0074	U		<0.0043	U		<0 045	U		<0 0037	U	
		VMP-52-5-013119	1/31/2019	0.0042	J		<0.005	U		<0.0057	U		<0 0088	U		<0.0081	U		<0.0047	U		<0 049	U		<0 0041	U	
		VMP-52-5-050219	5/2/2019	<0.18	U		<0.11	U		<0.12	U		<0.19	U		<0.17	U		<0.1	U		<1	U		<0.087	U	
	10 ft	VMP-52-10-072018	7/20/2018	0.0058	J		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-52-10-102318	10/23/2018	0.0059	J		<0.005	U		<0.0056	U		<0 0088	U		<0.008	U		<0.0047	U		<0 049	U		<0.004	U	
		VMP-52-10-013119	1/31/2019	0.0081	J		<0.0049	U		<0.0055	U		<0 0086	U		<0.0078	U		<0.0046	U		<0 048	U		<0 0039	U	
	20 ft	VMP-52-20-072018	7/20/2018	0.0058	J		<0.0053	U		<0 006	U		<0 0094	U		<0.0085	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-52-20-102318	10/23/2018	0.011			0.002	J		0.0014	J	J	<0 0085	U		<0.0077	U		0.0044	J		<0 047	U		0.0092		
		VMP-52-20-013119	1/31/2019	0.0059	J		<0.0046	U		<0.0053	U		<0 0082	U		<0.0075	U		<0.0044	U		<0 046	U		<0 0038	U	
		VMP-52-20-013119-DUP	1/31/2019	0.014			<0.0046	U		<0.0052	U		<0 0081	U		<0.0074	U		<0.0043	U		<0 045	U		<0 0037	U	
		VMP-52-20-050219	5/2/2019	<0.0096	U		<0.0055	U		<0.0063	U		<0 0098	U		<0.0089	U		<0.0052	U		<0 054	U		<0 0045	U	
	30 ft	VMP-52-30-072018	7/20/2018	0.0093			<0.0053	U		<0 006	U		<0 0094	U		<0.0086	U		0.0023	J		<0 052	U		<0 0043	U	
		VMP-52-30-102318	10/23/2018	0.0096			<0.0044	U		<0 005	U		<0 0078	U		<0.0072	U		<0.0042	U		<0 044	U		0.0014	J	
		VMP-52-30-102318-DUP	10/23/2018	<0.0081	U		<0.0047	U		<0.0053	U		<0 0083	U		<0.0076	U		<0.0044	U		<0 046	U		0.0013	J	
		VMP-52-30-013119	1/31/2019	0.0099			<0.0045	U		<0.0051	U		<0 0079	U		<0.0072	U		<0.0042	U		<0 044	U		<0 0036	U	
		VMP-52-30-050219	5/2/2019	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0 056	U		<0 0047	U	
VMP-53	5 ft	VMP-53-5-072518	7/25/2018	0.027			<0.0054	U		<0.0061	U		<0 0095	U		<0.0087	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-53-5-102318	10/23/2018	<0.0089	U		0.0024	J		0.0043	J	J	<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0042	U	
		VMP-53-5-011819	1/18/2019	0.0036	J		<0.0046	U		<0.0052	U		<0.008	U		<0.0073	U		<0.0043	U		<0 045	U		<0 0037	U	
		VMP-53-5-050319	5/3/2019	<0.0094	U		<0.0054	U		<0.0061	U		<0 0096	U		<0.0087	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-53-5-050319-DUP	5/3/2019	<0.0089	U		<0.0051	U		<0.0058	U		<0.009	ND,UJ		<0.0082	U		<0.0048	U		<0.05	U		<0 0042	U	
	10 ft	VMP-53-10-072518	7/25/2018	0.01			<0.0056	U		<0.0063	U		<0 0098	U		<0.0089	U		<0.0052	U		<0 055	U		<0 0045	U	
		VMP-53-10-102318	10/23/2018	0.0039	J		<0.005	U		<0.0057	U		<0 0089	U		<0.0081	U		<0.0048	U		<0 049	U		<0 0041	U	
		VMP-53-10-011819	1/18/2019	<0.0083	U		<0.0048	U		<0.0054	U		<0 0085	U		<0.0077	U		<0.0045	U		<0 047	U		<0 0039	U	
		VMP-53-10-050319	5/3/2019	<0.032	U		0.042			0.02	J		<0.032	ND,UJ		<0.029	U		0.29			<0.18	U		0 056		
	20 ft	VMP-53-20-072518	7/25/2018	0.0097			<0.0054	U		<0.0061	U		<0 0096	U		<0.0087	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-53-20-102318	10/23/2018	<0.0093	U		0.015			0 087		J	<0 0094	U		<0.0086	U		0.0094			<0 052	U		0 012		
		VMP-53-20-011819	1/18/2019	0.0038	J		<0.0049	U		<0.0055	U		<0 0086	U		<0.0079	U		<0.0046	U		<0 048	U		<0.004	U	
		VMP-53-20-050319	5/3/2019	<1	U		<0.59	U		<0.66	U		<1	U		<0.94	U		<0 55	U		<5.8	U		0.89		
	30 ft	VMP-53-30-072518	7/25/2018	0.045			<0.0054	U		<0.0061	U		<0 0095	U		<0.0086	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-53-30-102318	10/23/2018	0.0043	J		<0.0053	U		<0 006	U		<0 0094	U		<0.0086	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-53-30-013119	1/31/2019	0.0067	J		<0.0046	U		<0.0053	U		<0 0082	U		<0.0075	U		<0.0044	U		<0 046	U		<0 0038	U	
		VMP-53-30-050319	5/3/2019	<0.096	U		<0.055	U		<0 062	U		<0.097	ND,UJ		<0.089	U		<0.052	U		<0.54	U		1		
VMP-54	5 ft	VMP-54-5-072518	7/25/2018	0.016			<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0 057	U		<0 0047	U	
		VMP-54-5-102418	10/24/2018	0.01			<0.0053	U		<0 006	U		<0 0094	U		<0.0086	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-54-5-011819	1/18/2019	0.0018	J		<0.0048	U		<0.0054	U		<0 0085	U		<0.0077	U		<0.0045	U		<0 047	U		<0 0039	U	
		VMP-54-5-042419	4/24/2019	<0.0086	U		<0.0049	U		<0.0056	U		<0 0087	U		<0.008	U		<0.0047	U		<0 049	U		<0.004	U	
	10 ft	VMP-54-10-072518	7/25/2018	<0.0096	U		<0.0056	U		<0.0063	U		<0 0098	U		<0.0089	U		<0.0052	U		<0 055	U		<0 0045	U	
		VMP-54-10-102418	10/24/2018	<0.009	U		<0.0052	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-54-10-011819	1/18/2019	0.0032	J		<0.0047	U		<0.0053	U		<0 0082	U		<0.0075	U		<0.0044	U		<0 046	U		<0 0038	U	
		VMP-54-10-042419	4/24/2019	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0 056	U		<0 0046	U	
	20 ft	VMP-54-20-072518	7/25/2018	<0.0091	U		<0.0052	U		<0.0059	U		<0 0092	U		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-54-20-102418	10/24/2018	<0.0089	U		<0.0051	U		<0.0058	U		<0 0091	U		<0.0083	U		0.0017	J		<0.05	U		0 013		
		VMP-54-20-011819	1/18/2019	<0.0083	U		<0.0048	U		<0.0054	U		<0 0084	U		<0.0077	U		<0.0045	U		<0 047	U		<0 0039	U	
		VMP-54-20-042419	4/24/2019	<0.0084	U		<0.0049	U		<0.0055	U		<0 0086	U		<0.0078	U		<0.0046	U		<0 048	U		<0 0039	U	
	30 ft	VMP-54-30-072518	7/25/2018	0.008	J		<0.0053	U		<0 006	U		<0 0094	U		<0.0086	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-54-30-102418	10/24/2018	<0.0089	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0042	U	
		VMP-54-30-011819	1/18/2019	0.0026	J		<0.0048	U		<0.0054	U		<0 0084	U		<0.0077	U		<0.0045	U		<0 047	U		<0 0039	U	
		VMP-54-30-042419	4/24/2019	<0.0083	U		<0.0048	U		<0.0054	U		<0 0084	U		<0.0077	U		<0.0045	U		<0 047	U		<0 0039	U	
VMP-56	10 ft	VMP-56-10-072618	7/26/2018	0.055			<0.0054	U		<0.0061	U		<0 0095	U		<0.0087	U		0.0056			<0 053	U		0 013		
		VMP-56-10-102918	10/29/2018	<0.0088	U		<0.005	U		<0.0057	U		<0 0089	U		<0.0081	U		0.002	J		<0.05	U		<0 0041	U	
		VMP-56-10-012819	1/28/2019	<0.0092	U		<0.0053	U		0.0033	J		<0 0094	U		<0.0085	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-56-10-050119	5/1/2019	0.0039	J		0.0014	J		<0.0058	U		<0.009	U		<0.0082	U		0.092			<0.05	U		0.46		
	25 ft	VMP-56-25-072618	7/26/2018	0.015			<0.0053	U		<0 006	U		<0 0094	U		<0.0086	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-56-25-102918	10/29/2018	<0.0091	U		<0.0052	U		<0.0059	U		<0 0093	U		<0.0084	U		0.0014	J		<0 052	U		<0 0043	U	
		VMP-56-25-012819	1/28/2019	0.0026	J		<0.0049	U		<0.0056	U		<0 0087	U		<0.0079	U		0.0015	J		<0 048	U		0.0049		
		VMP-56-25-012819-DUP	1/28/2019	0.0026	J		<0.005	U		<0.0056	U		<0 0088	U		<0.008	U		0.0012	J		<0 049	U		0.0045		
		VMP-56-25-050119	5/1/2019	0.0067	J		<0.005	U		<0.0057	U		<0 0088	U		<0.0081	U		<0.0047	U		<0 049	U		0.0012	J	
	38.5 ft	VMP-56-38.5-072618	7/26/2018	<98	U		460			140			<99	U		<90	U		1700			<550	U		9900		
		VMP-56-38.5-102918	10/29/2018	<18	U		400			91			<18	U		<17	U		2300			<100	U		11000		
		VMP-56-38.5-012819	1/28/2019	<670	U		210	J		<440	U		<680	U		<620	U		1500			<3800	U		5800		
		VMP-56-38.5-050119	5/1/2019	86	J		470			200	J		<380	U		<350	U		3100			<2100	U		10000		

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene 1.3			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-072418	7/24/2018	<0.0094	U		<0.0054	U		<0.0061	U		<0 0096	U		<0.0087	U		<0.0051	U		<0 053	U		<0 0044	U	
		VMP-62-5-102418	10/24/2018	<0.0082	U		<0.0048	U		<0.0054	U		<0 0084	U		<0.0076	U		<0.0045	U		<0 047	U		<0 0038	U	
		VMP-62-5-012819	1/28/2019	<0.0087	U		<0.005	U		<0.0057	U		<0 0089	U		<0.0081	U		<0.0048	U		<0 049	U		<0 0041	U	
		VMP-62-5-042619	4/26/2019	0.0035	J		<0.0052	U		0.0019	J		<0 0093	U		<0.0084	U		0.0012	J		<0 052	U		<0 0043	U	
	10 ft	VMP-62-10-072418	7/24/2018	0.016			<0.0055	U		<0.0062	U		<0 0096	U		<0.0088	U		<0.0052	U		<0 054	U		<0 0044	U	
		VMP-62-10-102418	10/24/2018	0.006	J		<0.0046	U		<0.0052	U		<0 0081	U		<0.0074	U		<0.0043	U		<0 045	U		<0 0037	U	
		VMP-62-10-012819	1/28/2019	<0.0085	U		<0.0049	U		<0.0056	U		<0 0087	U		<0.0079	U		<0.0046	U		<0 048	U		<0.004	U	
		VMP-62-10-042619	4/26/2019	0.0041	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0 057	U		<0 0047	U	
	20 ft	VMP-62-20-072418	7/24/2018	0.011			<0.0053	U		<0 006	U		<0 0094	U		<0.0086	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-62-20-102418	10/24/2018	0.008	J		<0.0049	U		<0.0056	U		<0 0087	U		<0.008	U		0.0023	J		<0 049	U		0.0043		
		VMP-62-20-012819	1/28/2019	<0.0084	U		<0.0048	U		<0.0055	U		<0 0085	U		<0.0078	U		<0.0046	U		<0 048	U		0 005		
		VMP-62-20-042619	4/26/2019	0.0034	J		<0.0054	U		<0.0061	U		<0 0095	U		<0.0086	U		<0.0051	U		<0 053	U		<0 0044	U	
	30 ft	VMP-62-30-072418	7/24/2018	0.011			<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		0.0035	J		<0 056	U		0 011		
		VMP-62-30-102418	10/24/2018	<0.0086	U		<0.005	U		<0.0056	U		<0 0088	U		<0.008	U		<0.0047	U		<0 049	U		<0.004	U	
		VMP-62-30-102418-DUP	10/24/2018	<0.0086	U		<0.005	U		<0.0056	U		<0 0088	U		<0.008	U		<0.0047	U		<0 049	U		<0.004	U	
		VMP-62-30-020519	2/5/2019	<0.0095	U		<0.0055	U		<0.0062	U		<0 0096	U		<0.0088	U		<0.0052	U		<0 054	U		<0 0044	U	
		VMP-62-30-042619	4/26/2019	<0.009	U		<0.0052	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-62-30-042619-DUP	4/26/2019	0.0072	J		<0.0052	U		<0.0059	U		<0 0093	U		<0.0084	U		<0.005	U		<0 052	U		<0 0043	U	
VMP-63	5 ft	VMP-63-5-071918	7/19/2018	<0.0091	J	U	0.0055			0.0028	J	J	<0 0093	U		<0.0084	U		0.009			<0 052	U		0.02		
		VMP-63-5-102218	10/22/2018	0.013			<0.0049	U		<0.0055	U		<0 0086	U		<0.0078	U		<0.0046	U		<0 048	U		<0 0039	U	
		VMP-63-5-012919	1/29/2019	<0.0083	U		<0.0048	U		<0.0054	U		<0 0084	U		<0.0077	U		<0.0045	U		<0 047	U		<0 0039	U	
		VMP-63-5-042519	4/25/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0 0095	U		<0.0087	U		<0.0051	U		<0 053	U		<0 0044	U	
	10 ft	VMP-63-10-071918	7/19/2018	0.0092			<0.0045	U		<0.0051	U		<0.008	U		<0.0073	U		0.0021	J		<0 044	U		0.0016	J	
		VMP-63-10-102218	10/22/2018	0.0043	J		<0.0049	U		<0.0056	U		<0 0087	U		<0.008	U		<0.0047	U		<0 049	U		<0.004	U	
		VMP-63-10-012919	1/29/2019	<0.0081	U		<0.0047	U		<0.0053	U		<0 0083	U		<0.0076	U		<0.0044	U		<0 046	U		<0 0038	U	
		VMP-63-10-042519	4/25/2019	0.0069	J		<0.0054	U		0 003	J		<0 0096	U		<0.0087	U		0.0022	J		<0 053	U		0.0029	J	
	20 ft	VMP-63-20-071918	7/19/2018	0.005	J		<0.0052	U		<0.0059	U		<0 0093	U		<0.0084	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-63-20-102218	10/22/2018	<0.0085	U		<0.0049	U		<0.0055	U		<0 0086	U		<0.0079	U		<0.0046	U		<0 048	U		0.0083		
		VMP-63-20-012919	1/29/2019	<0.0079	U		<0.0045	U		<0.0051	U		<0.008	U		<0.0073	U		<0.0043	U		<0 044	U		<0 0037	U	
		VMP-63-20-022719R	2/27/2019	<0.0088	U		<0.005	U		<0.0057	U		<0 0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-63-20-042519	4/25/2019	0.011			<0.0051	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0 0042	U	
		VMP-63-20-042519-DUP	4/25/2019	0.0076	J		<0.0049	U		<0.0056	U		<0 0087	U		<0.008	U		<0.0047	U		<0 049	U		<0.004	U	
	30 ft	VMP-63-30-071918	7/19/2018	0.0054	J		<0.0052	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-63-30-071918-DUP	7/19/2018	0.006	J		<0.005	U		<0.0057	U		<0 0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-63-30-102218	10/22/2018	<0.0081	U		<0.0047	U		<0.0053	U		<0 0083	U		<0.0076	U		<0.0044	U		<0 046	U		<0 0038	U	
		VMP-63-30-102218-DUP	10/22/2018	<0.0085	U		<0.0049	U		<0.0056	U		<0 0087	U		<0.0079	U		<0.0046	U		<0 048	U		<0.004	U	
		VMP-63-30-020419	2/4/2019	<0.0088	U		<0.005	U		<0.0057	U		<0 0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-63-30-050319	5/3/2019	0.02			<0.0052	U		<0.0059	U		<0 0092	ND,UJ		<0.0084	U		<0.0049	U		<0 051	U		<0 0042	U	
VMP-64	5 ft	VMP-64-5-072318	7/23/2018	0.0066	J		<0.0053	U		<0 006	U		<0 0094	U		<0.0085	U		<0.005	U		<0 052	U		<0 0043	U	
		VMP-64-5-102518	10/25/2018	<0.0087	U		<0.005	U		<0.0057	U		<0 0089	U		<0.0081	U		<0.0048	U		<0 049	U		<0 0041	U	
		VMP-64-5-012119	1/21/2019	0.0032	J		<0.005	U		<0.0056	U		<0 0088	U		<0.008	U		<0.0047	U		<0 049	U		<0.004	U	
		VMP-64-5-042619	4/26/2019	0.012			<0.005	U		<0.0057	U		<0 0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0 0041	U	
	10 ft	VMP-64-10-072318	7/23/2018	0.01			<0.0049	U		<0.0055	U		<0 0086	U		<0.0079	U		<0.0046	U		<0 048	U		<0.004	U	
		VMP-64-10-102518	10/25/2018	<0.009	U		<0.0052	U		<0.0058	U		<0 0091	U		<0.0083	U		<0.0049	U		<0 051	U		<0 0042	U	
		VMP-64-10-012119	1/21/2019	0.0017	J		<0.0052	U		<0.0058	U		<0 0091	U		<0.0083	U		0.0017	J		<0 051	U		0.0022	J	
		VMP-64-10-042619	4/26/2019	0.0075	J		<0.005	U		<0.0057	U		<0 0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0 0041	U	
	20 ft	VMP-64-20-072318	7/23/2018	0.0042	J		<0.0053	U		<0 006	U		<0 0094	U		<0.0086	U		<0.005	U		<0 052	U		0.00091	J	
		VMP-64-20-102518	10/25/2018	<0.0082	U		<0.0047	U		<0.0054	J	U	<0 0084	U		<0.0076	U		<0.0045	U		<0 046	U		0.0018	J	
		VMP-64-20-102518-DUP	10/25/2018	<0.0082	U		<0.0047	U		<0.0054	U		<0 0084	U		<0.0076	U		<0.0045	U		<0 046	U		<0 0038	U	
		VMP-64-20-012119	1/21/2019	0.0068	J		0.0014	J		<0.0055	U		<0 0086	U		<0.0078	U		0.0014	J		<0 048	U		0.0021	J	
		VMP-64-20-042619	4/26/2019	<0.0086	U		<0.005	U		<0.0056	U		<0 0088	U		<0.008	U		<0.0047	U		<0 049	U		<0.004	U	

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene		
										600						3700									1400		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-071818	7/18/2018	<0.02	U		<0.014	U		<0.0059	U		<0 0049	U		<0.017	U		<0.012	U		<0.0059	U		<0 0051	U	
		VMP-1-5-102218	10/22/2018	<0.021	U		0.016			<0.0063	U		<0 0052	U		<0.018	U		0.0058	J		<0.0063	U		<0 0054	U	
		VMP-1-5-012319	1/23/2019	<0.018	U		<0.013	U		<0.0053	U		<0 0044	U		<0.016	U		0.0033	J		<0.0053	U		<0 0046	U	
		VMP-1-5-043019	4/30/2019	<0.021	U		0.0044	J		0.0011	J		<0 0052	U		<0.018	U		<0.012	U		<0.0063	U		<0 0054	U	
	8.5 ft	VMP-1-8.5-071818	7/18/2018	<0.021	U		<0.015	U		<0.0063	U		<0 0053	U		<0.019	U		0.0058	J		<0.0063	U		<0 0055	U	
		VMP-1-8.5-102218	10/22/2018	<0.018	U		<0.013	U		<0.0055	U		<0 0046	U		<0.016	U		<0.011	U		<0.0055	U		<0 0048	U	
		VMP-1-8.5-012319	1/23/2019	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		0.0023	J		<0.0054	U		<0 0046	U	
		VMP-1-8.5-043019	4/30/2019	<0.02	U		<0.014	U		<0.0059	U		<0 0049	U		<0.017	U		<0.012	U		<0.0059	U		<0 0051	U	
	23.5 ft	VMP-1-23.5-071818	7/18/2018	<0.021	U		<0.015	U		0.0016	J		<0 0053	U		<0.019	U		<0.013	U		0.0052	J		<0 0055	U	
		VMP-1-23.5-102218	10/22/2018	<0.02	U		0 03			<0.0059	U		<0 0049	U		<0.017	U		0.0028	J		<0.0059	U		<0 0051	U	
		VMP-1-23.5-102218-DUP	10/22/2018	<0.02	U		0.0059	J		<0.0059	U		<0 0049	U		<0.017	U		<0.012	U		<0.0059	U		<0 0051	U	
		VMP-1-23.5-012319	1/23/2019	<0.018	U		0.0036	J		<0.0053	U		<0 0044	U		<0.016	U		<0.011	U		<0.0053	U		<0 0046	U	
		VMP-1-23.5-012319-DUP	1/23/2019	<0.017	U		<0.012	U		<0.0052	U		<0 0044	U		<0.015	U		0.0024	J		<0.0052	U		<0 0045	U	
		VMP-1-23.5-043019	4/30/2019	<0.02	U		0.0045	J		<0.0059	U		<0 0049	U		<0.017	U		0.008	J		<0.0059	U		0.00088	J	
VMP-2	5 ft	VMP-2-5-072418	7/24/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
		VMP-2-5-102418	10/24/2018	<0.02	U		0 01	J		<0.0059	U		<0.005	U		<0.017	U		0.0036	J		<0.0059	U		<0 0052	U	
		VMP-2-5-012319	1/23/2019	<0.018	U		<0.013	U		<0.0052	U		<0 0044	U		<0.015	U		0.004	J		<0.0053	U		<0 0046	U	
		VMP-2-5-042619	4/26/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U		<0 0053	U	
	8.5 ft	VMP-2-8.5-072418	7/24/2018	<0.018	U		<0.013	U		<0.0056	U		<0 0046	U		<0.016	U		<0.011	U		<0.0056	U		<0 0048	U	
		VMP-2-8.5-102418	10/24/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0048	U		<0.017	U		0.0046	J		<0.0058	U		<0.005	U	
		VMP-2-8.5-012319	1/23/2019	<0.018	U		<0.013	U		<0.0055	U		<0 0046	U		<0.016	U		0.0023	J		<0.0055	U		<0 0047	U	
		VMP-2-8.5-042619	4/26/2019	<0.02	U		0 32			<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0 0052	U	
	22 ft	VMP-2-22-072418	7/24/2018	<0.02	U		0.0027	J		<0.0061	U		<0 0051	U		<0.018	U		<0.012	U		<0.0061	U		<0 0053	U	
		VMP-2-22-072418-DUP	7/24/2018	<0.02	U		0.0066	J		<0.0059	U		<0 0049	U		<0.017	U		0.0054	J		<0.0059	U		<0 0051	U	
		VMP-2-22-102418	10/24/2018	<0.018	U		0.0058	J		<0.0053	U		<0 0044	U		<0.016	U		<0.011	U		<0.0053	U		<0 0046	U	
		VMP-2-22-102418-DUP	10/24/2018	<0.019	U		0.0041	J		<0.0058	U		<0 0048	U		<0.017	U		0.0017	J		<0.0058	U		<0.005	U	
		VMP-2-22-012319	1/23/2019	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0047	U	
		VMP-2-22-042619	4/26/2019	<0.021	U		<0.015	U		<0.0062	U		<0 0052	U		<0.018	U		0.0024	J		<0.0062	U		<0 0054	U	
		VMP-2-22-042619-DUP	4/26/2019	<0.019	U		<0.014	U		<0.0058	U		<0 0049	U		<0.017	U		0.0055	J		<0.0058	U		<0 0051	U	
VMP-3	5 ft	VMP-3-5-072318	7/23/2018	<0.021	U		<0.015	U		<0.0063	U		<0 0052	U		<0.018	U		0.0027	J		<0.0063	U		<0 0054	U	
		VMP-3-5-102918	10/29/2018	<0.019	U		0.0057	J		<0.0058	U		<0 0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
		VMP-3-5-012419	1/24/2019	<0.019	U		0.024			<0.0057	U		<0 0047	U		<0.017	U		0.014			<0.0057	U		<0 0049	U	
		VMP-3-5-042919	4/29/2019	<0.019	U		0.0044	J		<0.0056	U		<0 0047	U		<0.016	U		0.0058	J		<0.0056	U		<0 0049	U	
	10 ft	VMP-3-10-072318	7/23/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		0.0019	J		<0 006	U		<0 0052	U	
		VMP-3-10-102918	10/29/2018	<0.018	U		<0.013	U		<0.0055	U		<0 0046	U		<0.016	U		<0.011	U		<0.0055	U		<0 0048	U	
		VMP-3-10-020119	2/1/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0028	J		<0.0061	U		<0 0053	U	
		VMP-3-10-042919	4/29/2019	<0.02	U		<0.014	U		<0.0059	U		<0 0049	U		<0.017	U		<0.012	U		<0.0059	U		<0 0051	U	
	22 ft	VMP-3-22-072318	7/23/2018	<0.021	U		<0.015	U		<0.0062	U		<0 0052	U		<0.018	U		0.0061	J		<0.0062	U		<0 0054	U	
		VMP-3-22-102918	10/29/2018	<0.019	U		<0.014	U		0.0012	J		<0 0047	U		<0.016	U		0.012			0.0016	J		<0 0049	U	
		VMP-3-22-012419	1/24/2019	<0.018	U		0.016			<0.0055	U		<0 0046	U		<0.016	U		0.0015	J		<0.0055	U		<0 0048	U	
		VMP-3-22-042919	4/29/2019	<0.02	U		0.003	J		<0.0059	U		<0 0049	ND,UJ	UJ	<0.017	U		0.004	J		<0.0059	U		<0 0051	U	
	31.5 ft	VMP-3-31.5-072318	7/23/2018	<0.02	U		<0.015	U		<0.0061	U		<0 0051	U		<0.018	U		0.0034	J		<0.0061	U		<0 0053	U	
		VMP-3-31.5-102918	10/29/2018	<0.019	U		0.0053	J		<0.0058	U		<0 0049	U		<0.017	U		<0.012	U		<0.0058	U		<0 0051	U	
		VMP-3-31.5-012419	1/24/2019	<0.018	U		0.0025	J		<0.0055	U		<0 0046	U		<0.016	U		0.0041	J		<0.0055	U		<0 0048	U	
		VMP-3-31.5-042919	4/29/2019	<0.019	U		0.0054	J		<0.0058	U		<0 0049	ND,UJ	UJ	<0.017	U		0.009	J		<0.0058	U		<0 0051	U	
	39 ft	VMP-3-39-072318	7/23/2018	<0.022	U		0.0065	J		<0.0067	U		<0 0056	U		0 0062	J		0.006	J		<0.0067	U		<0 0058	U	
		VMP-3-39-102918	10/29/2018	<0.02	U		<0.014	U		<0.0059	U		<0 0049	U		<0.017	U		<0.012	U		<0.0059	U		<0 0051	U	
		VMP-3-39-012419	1/24/2019	<0.017	U		0.0049	J		<0.0052	U		<0 0043	U		<0.015	U		0.0014	J		<0.0052	U		<0 0045	U	
		VMP-3-39-012419-DUP	1/24/2019	<0.017	U		0.0072	J		<0.0051	U		<0 0042	U		<0.015	U		0.0047	J		<0.0051	U		<0 0044	U	
VMP-4	5 ft	VMP-4-5-072318	7/23/2018	<0.02	U		<0.014	U		0.0018	J		<0.005	U		<0.018	U		0.03			<0 006	U		<0 0052	U	
		VMP-4-5-102918	10/29/2018	<0.02	U		0.005	J		<0 006	U		<0.005	U		<0.018	U		<0.012	U		<0 006	U		<0 0052	U	
		VMP-4-5-012119	1/21/2019	<0.018	U		<0.013	U		<0.0056	U		<0 0046	U		<0.016	U		0.0024	J		<0.0056	U		<0 0048	U	
		VMP-4-5-043019	4/30/2019	<0.02	U		0.0021	J		0.0018	J		<0.005	U		<0.018	U		0.0036	J		<0 006	U		<0 0052	U	
	12 ft	VMP-4-12-072318	7/23/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		0.0034	J		<0 006	U		<0 0052	U	
		VMP-4-12-102918	10/29/2018	<0.021	U		<0.015	U		<0.0062	U		<0 0052	U		<0.018	U		<0.012	U		<0.0062	U		<0 0054	U	
		VMP-4-12-012119	1/21/2019	<0.018	U		<0.013	U		<0.0053	U		<0 0044	U		<0.016	U		0.0038	J		<0.0053	U		<0 0046	U	
		VMP-4-12-043019	4/30/2019	<0.023	U		<0.016	U		<0.0068	U		<0 0057	U		<0.02	U		<0.014	U		<0.0068	U		<0 0059	U	
	23.5 ft	VMP-4-23.5-072318	7/23/2018	<0.021	U		0.14			<0.0062	U		<0 0052	U		<0.018	U		0.0038	J		<0.0062	U		<0 0054	U	
		VMP-4-23.5-072318-DUP	7/23/2018	<0.02	U		0.17			<0 006	U		<0.005	U		<0.018	U		0.005	J		<0 006	U		<0 0052	U	
		VMP-4-23.5-102918	10/29/2018	<0.02	U		<0.014	U		<0.0059	U		<0 0049	U		<0.017	U		<0.012	U		<0.0059	U		<0 0051	U	
		VMP-4-23.5-012119	1/21/2019	<0.017	U		<0.012	U		<0.0051	U		<0 0043	U		<0.015	U		<0 01	U		<0.0051	U		<0 0044	U	
		VMP-4-23.5-043019	4/30/2019	<0.021	U		0.007	J		0.0022	J		<0 0052	U		<0.018	U		<0.012	U		<0.0062	U		<0 0054	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene		
										600						3700									1400		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-5	5 ft	VMP-5-5-071818	7/18/2018	<0.022	U		<0.016	U		<0.0065	U		<0 0054	U		<0.019	U		<0.013	U		<0.0065	U		<0 0056	U	
		VMP-5-5-101918	10/19/2018	<0.018	U		<0.013	U		<0.0056	U		<0 0046	U		<0.016	U		<0.011	U		<0.0056	U		<0 0048	U	
		VMP-5-5-012219	1/22/2019	<0.017	U		<0.012	U		<0.0051	U		<0 0043	U		<0.015	U		0.0048	J		<0.0051	U		0.00075	J	
		VMP-5-5-050119	5/1/2019	<0.022	U		<0.016	U		<0.0065	U		<0 0054	U		<0.019	U		0.011	J		<0.0065	U		<0 0056	U	
	12.5 ft	VMP-5-12.5-071818	7/18/2018	<0.02	U		0.0092	J		<0.0061	U		<0 0051	U		<0.018	U		0.0028	J		<0.0061	U		<0 0053	U	
		VMP-5-12.5-101918	10/19/2018	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0047	U	
		VMP-5-12.5-012219	1/22/2019	<0.018	U		<0.013	U		<0.0055	U		<0 0046	U		<0.016	U		<0.011	U		<0.0055	U		<0 0048	U	
		VMP-5-12.5-050119	5/1/2019	<0.021	U		<0.015	U		<0.0062	U		<0 0052	U		<0.018	U		<0.012	U		<0.0062	U		<0 0054	U	
	31 ft	VMP-5-31-071818	7/18/2018	<0.021	U		<0.015	U		<0.0062	U		<0 0052	U		<0.018	U		0.01	J		<0.0062	U		<0 0054	U	
		VMP-5-31-101918	10/19/2018	<0.019	U		<0.014	U		<0.0056	U		<0 0047	U		<0.016	U		<0.011	U		<0.0056	U		<0 0049	U	
		VMP-5-31-012219	1/22/2019	<0.018	U		<0.013	U		<0.0055	U		<0 0046	U		<0.016	U		0.0033	J		<0.0055	U		<0 0048	U	
		VMP-5-31-050119	5/1/2019	<0.02	U		0.002	J		<0.0061	U		<0 0051	U		<0.018	U		<0.012	U		<0.0061	U		<0 0053	U	
	40 ft	VMP-5-40-071818	7/18/2018	<0.02	U		<0.015	U		<0.0061	U		<0 0051	U		<0.018	U		0.0021	J		0.0016	J		<0 0053	U	
		VMP-5-40-101918	10/19/2018	<0.019	U		0.013	J		<0.0058	U		<0 0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
		VMP-5-40-020419	2/4/2019	<0.02	U		<0.015	U		0 003	J		<0 0051	U		<0.018	U		0.002	J		0 01			<0 0053	U	
		VMP-5-40-050119	5/1/2019	<0.018	U		<0.013	U		<0.0055	U		<0 0046	U		<0.016	U		0.004	J		<0.0055	U		<0 0048	U	
VMP-6	5 ft	VMP-6-5-071918	7/19/2018	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0 0052	U	
		VMP-6-5-102218	10/22/2018	<0.021	U		0.0089	J		<0.0063	U		<0 0053	U		<0.018	U		<0.013	U		<0.0063	U		<0 0055	U	
		VMP-6-5-013119	1/31/2019	<0.018	U		0.2			<0.0053	U		<0 0044	U		<0.016	U		<0.011	U		<0.0053	U		<0 0046	U	
		VMP-6-5-042519	4/25/2019	<0.018	U		0.0054	J		<0.0056	U		<0 0046	U		<0.016	U		0.0079	J		<0.0056	U		<0 0048	U	
	10 ft	VMP-6-10-071918	7/19/2018	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0058	J		<0.0061	U		<0 0053	U	
		VMP-6-10-102218	10/22/2018	<0.019	U		0.014			<0.0058	U		<0 0048	U		<0.017	U		0.0076	J		<0.0058	U		<0.005	U	
		VMP-6-10-012219	1/22/2019	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0047	U	
		VMP-6-10-042519	4/25/2019	<0.02	U		<0.014	U		<0.0059	U		<0 0049	U		<0.017	U		<0.012	U		<0.0059	U		<0 0051	U	
	31.5 ft	VMP-6-31.5-071918	7/19/2018	<0.02	U		0.0072	J		<0.0059	U		<0.005	U		<0.017	U		0.0061	J		<0.0059	U		<0 0052	U	
		VMP-6-31.5-102218	10/22/2018	<0.02	U		0.012	J		<0.0059	U		<0 0049	U		<0.017	U		<0.012	U		<0.0059	U		<0 0051	U	
		VMP-6-31.5-020119	2/1/2019	<0.037	U		1.1			0 029			<0 0092	U		<0.032	U		0.0049	J		0.036			<0 0096	U	
		VMP-6-31.5-042519	4/25/2019	<0.021	U		0.11			0 013			<0 0053	U		<0.019	U		<0.013	U		0.016			<0 0055	U	
	39 ft	VMP-6-39-071918	7/19/2018	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0031	J		<0.0061	U		<0 0053	U	
		VMP-6-39-102218	10/22/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0048	U		<0.017	U		0.0032	J		<0.0058	U		<0.005	U	
		VMP-6-39-012219	1/22/2019	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		0.0028	J		<0.0054	U		<0 0047	U	
		VMP-6-39-042519	4/25/2019	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		<0.012	U		<0 006	U		<0 0052	U	
VMP-7	5 ft	VMP-7-5-071918	7/19/2018	<0.02	U		0.0039	J		0.0012	J		<0.005	U		<0.017	U		0.013			0.0038	J		<0 0052	U	
		VMP-7-5-102218	10/22/2018	<0.021	U		0.0074	J		<0.0063	U		<0 0052	U		<0.018	U		0.0045	J		<0.0063	U		<0 0054	U	
		VMP-7-5-012219	1/22/2019	<0.017	U		<0.012	U		<0.0052	U		<0 0044	U		<0.015	U		0.0039	J		<0.0052	U		<0 0045	U	
		VMP-7-5-042519	4/25/2019	<0.02	U		<0.015	U		<0.0061	U		<0 0051	U		<0.018	U		<0.012	U		<0.0061	U		<0 0053	U	
	13.5 ft	VMP-7-13.5-071918	7/19/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0049	U		<0.017	U		0.0092	J		<0.0058	U		<0 0051	U	
		VMP-7-13.5-102218	10/22/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		<0.012	U		<0 006	U		<0 0052	U	
		VMP-7-13.5-020119	2/1/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0035	J		<0.0059	U		<0 0052	U	
		VMP-7-13.5-042519	4/25/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0 0052	U	
	29.5 ft	VMP-7-29.5-071918	7/19/2018	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0015	J		<0.0059	U		<0 0052	U	
		VMP-7-29.5-102218	10/22/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		0.0029	J		<0 006	U		<0 0052	U	
		VMP-7-29.5-020119	2/1/2019	<0.019	U		<0.014	U		<0.0057	U		<0 0048	U		<0.017	U		0.0018	J		<0.0057	U		<0.005	U	
		VMP-7-29.5-042519	4/25/2019	<0.023	U		<0.017	U		<0 007	U		<0 0058	U		<0.02	U		<0.014	U		<0 007	U		<0.006	U	
	38 ft	VMP-7-38-071918	7/19/2018	<0.02	U		0.003	J		<0.0061	U		<0.005	U		<0.018	U		0.002	J		<0.0061	U		<0 0053	U	
		VMP-7-38-071918-DUP	7/19/2018	<0.02	U		0.006	J		<0.0059	U		<0.005	U		<0.017	U		0.0018	J		<0.0059	U		<0 0052	U	
		VMP-7-38-102218	10/22/2018	<0.022	U		<0.016	U		<0.0067	U		<0 0056	U		<0.02	U		<0.013	U		<0.0067	U		<0 0058	U	
		VMP-7-38-012219	1/22/2019	<0.017	U		0.0054	J		<0.0052	U		<0 0043	U		<0.015	U		0.0019	J		<0.0052	U		<0 0045	U	
		VMP-7-38-042519	4/25/2019	<0.021	U		<0.015	U		<0.0063	U		<0 0053	U		<0.018	U		0.0064	J		<0.0063	U		<0 0055	U	
		VMP-7-38-042519-DUP	4/25/2019	<0.019	U		<0.014	U		<0.0058	U		<0 0048	U		<0.017	U		0.0057	J		<0.0058	U		<0.005	U	

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene		
										600						3700									1400		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-072518	7/25/2018	<0.02	U		<0.014	U		<0.0059	U		<0 0049	U		<0.017	U		0.0039	J		<0.0059	U		<0 0051	U	
		VMP-8-5-102418	10/24/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0048	U		<0.017	U		0.0039	J		<0.0058	U		<0.005	U	
		VMP-8-5-011819	1/18/2019	<0.017	U		0.0027	J		<0.0052	U		<0 0043	U		<0.015	U		0.0016	J		<0.0052	U		<0 0045	U	
		VMP-8-5-042419	4/24/2019	<0.019	U		<0.014	U		<0.0057	U		<0 0048	ND,UJ	UJ	<0.017	U		<0.011	U		<0.0057	U		<0.005	U	
	9.5 ft	VMP-8-9.5-072518	7/25/2018	<0.021	U		<0.015	U		<0.0063	U		<0 0053	U		<0.018	U		0.0053	J		<0.0063	U		<0 0055	U	
		VMP-8-9.5-102418	10/24/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
		VMP-8-9.5-011819	1/18/2019	<0.018	U		0.008	J		<0.0053	U		<0 0044	U		<0.016	U		<0.011	U		<0.0053	U		<0 0046	U	
		VMP-8-9.5-042419	4/24/2019	<0.019	U		0.71			0.0084			<0 0048	ND,UJ	UJ	<0.017	U		<0.011	U		0.012			<0.005	U	
	23.5 ft	VMP-8-23.5-072518	7/25/2018	<0.02	U		<0.015	U		<0.0061	U		<0 0051	U		<0.018	U		0.036			<0.0061	U		<0 0053	U	
		VMP-8-23.5-102418	10/24/2018	<0.019	U		<0.014	U		<0.0056	U		<0 0047	U		<0.016	U		<0.011	U		<0.0056	U		<0 0049	U	
		VMP-8-23.5-011819	1/18/2019	<0.019	U		0.0036	J		<0.0058	U		<0 0048	U		<0.017	U		0.002	J		0.0022	J		<0.005	U	
		VMP-8-23.5-022719R	2/27/2019	<0.018	U		0.0018	J		<0.0054	U		<0 0045	U		<0.016	U		0.01	J		<0.0054	U		<0 0047	U	
		VMP-8-23.5-042419	4/24/2019	<0.019	U		<0.014	U		<0.0057	U		<0 0048	ND,UJ	UJ	<0.017	U		<0.011	U		<0.0057	U		<0.005	U	
	35.5 ft	VMP-8-35.5-072518	7/25/2018	<0.02	U		0.0045	J		<0 006	U		<0.005	U		<0.018	U		0.0044	J		<0 006	U		<0 0052	U	
		VMP-8-35.5-072518-DUP	7/25/2018	<0.02	U		0.004	J		<0.0059	U		<0 0049	U		<0.017	U		0.0027	J		<0.0059	U		<0 0051	U	
		VMP-8-35.5-102418	10/24/2018	<0.019	U		<0.014	U		<0.0057	U		<0 0048	U		<0.017	U		0.0048	J		<0.0057	U		<0.005	U	
		VMP-8-35.5-011819	1/18/2019	<0.017	U		0.0021	J		<0.0051	U		<0 0043	U		<0.015	U		<0 01	U		<0.0051	U		<0 0044	U	
		VMP-8-35.5-042419	4/24/2019	<0.019	U		0.012	J		<0.0058	U		<0 0049	ND,UJ	UJ	<0.017	U		<0.012	U		<0.0058	U		<0 0051	U	
		VMP-8-35.5-042419-DUP	4/24/2019	<0.019	U		0.0074	J		<0.0056	U		<0 0047	ND,UJ	UJ	<0.016	U		<0.011	U		<0.0056	U		<0 0049	U	
VMP-9	5 ft	VMP-9-5-071918	7/19/2018	<0.021	U		<0.015	U		<0.0062	U		<0 0052	U		<0.018	U		0.003	J		<0.0062	U		<0 0054	U	
		VMP-9-5-102318	10/23/2018	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0015	J		<0.0061	U		<0 0053	U	
		VMP-9-5-012519	1/25/2019	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0047	U	
		VMP-9-5-042419	4/24/2019	<0.02	U		<0.014	U		<0 006	U		<0.005	ND,UJ	UJ	<0.018	U		0.008	J		<0 006	U		<0 0052	U	
	11.5 ft	VMP-9-11.5-071918	7/19/2018	<0.021	U		0.0034	J		<0.0064	U		<0 0054	U		<0.019	U		0.0032	J		<0.0064	U		<0 0056	U	
		VMP-9-11.5-102318	10/23/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		0.0014	J		<0 006	U		<0 0052	U	
		VMP-9-11.5-013119	1/31/2019	<0.018	U		<0.013	U		0.0024	J		<0 0044	U		<0.016	U		0.0016	J		0.0073			<0 0046	U	
		VMP-9-11.5-042419	4/24/2019	<0.02	U		0.0036	J		<0.0061	U		<0 0051	ND,UJ	UJ	<0.018	U		<0.012	U		<0.0061	U		<0 0053	U	
	25.5 ft	VMP-9-25.5-071918	7/19/2018	<0.02	U		<0.015	U		<0.0061	U		<0 0051	U		<0.018	U		0.0026	J		<0.0061	U		<0 0053	U	
		VMP-9-25.5-102318	10/23/2018	<0.019	U		<0.014	U		<0.0056	U		<0 0047	U		<0.016	U		0.0012	J		<0.0056	U		<0 0049	U	
		VMP-9-25.5-011819	1/18/2019	<0.018	U		<0.013	U		<0.0052	U		<0 0044	U		<0.015	U		0.0017	J		<0.0053	U		<0 0046	U	
		VMP-9-25.5-042419	4/24/2019	<0.018	U		0.0025	J		<0.0055	U		<0 0046	ND,UJ	UJ	<0.016	U		<0.011	U		<0.0055	U		<0 0048	U	
	38.5 ft	VMP-9-38.5-071918	7/19/2018	<0.021	U		0.014	J		<0.0063	U		<0 0052	U		<0.018	U		0.13			<0.0063	U		<0 0054	U	
		VMP-9-38.5-102318	10/23/2018	<0.018	U		0.0094	J		<0.0054	U		<0 0045	U		<0.016	U		0.018			0.0021	J		<0 0047	U	
		VMP-9-38.5-011819	1/18/2019	<0.017	U		<0.012	U		<0.0052	U		<0 0044	U		<0.015	U		<0 01	U		<0.0052	U		<0 0045	U	
		VMP-9-38.5-011819-DUP	1/18/2019	<0.018	U		0.0024	J		<0.0053	U		<0 0044	U		<0.016	U		0.0044	J		<0.0053	U		<0 0046	U	
		VMP-9-38.5-042419	4/24/2019	<0.02	U		<0.014	U		<0 006	U		<0.005	ND,UJ	UJ	<0.018	U		<0.012	U		<0 006	U		<0 0052	U	
		VMP-9-38.5-042419-DUP	4/24/2019	<0.02	U		<0.014	U		<0 006	U		<0.005	ND,UJ	UJ	<0.018	U		<0.012	U		<0 006	U		<0 0052	U	
VMP-18	8.5 ft	VMP-18-8.5-080718	8/7/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0048	U		<0.017	U		0.013			<0.0058	U		<0.005	U	
		VMP-18-8.5-102618	10/26/2018	<0.018	U		<0.013	U		<0.0056	U		<0 0046	U		<0.016	U		<0.011	U		<0.0056	U		<0 0048	U	
		VMP-18-8.5-012519	1/25/2019	<0.019	U		<0.014	U		<0.0058	U		<0 0048	U		<0.017	U		0.01	J		<0.0058	U		<0.005	U	
		VMP-18-8.5-043019	4/30/2019	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		<0.012	U		<0 006	U		<0 0052	U	
VMP-19	5 ft	VMP-19-5-073018	7/30/2018	<0.019	U		0.0036	J		<0.0058	U		<0 0048	U		<0.017	U		0.0022	J		<0.0058	U		<0.005	U	
		VMP-19-5-073018-DUP	7/30/2018	<0.018	U		0.0046	J		<0.0055	U		<0 0046	U		<0.016	U		0.0042	J		<0.0055	U		<0 0048	U	
		VMP-19-5-103118	10/31/2018	<0.021	U		<0.015	U		<0.0062	U		<0 0052	U		<0.018	U		<0.012	U		<0.0062	U		<0 0054	U	
		VMP-19-5-103118-DUP	10/31/2018	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0047	U	
		VMP-19-5-012219	1/22/2019	<0.017	U		<0.012	U		<0.0051	U		<0 0042	U		<0.015	U		0.0021	J		0.0025	J		<0 0044	U	
		VMP-19-5-043019	4/30/2019	<0.02	U		<0.015	U		<0.0061	U		<0 0051	U		<0.018	U		<0.012	U		<0.0061	U		<0 0053	U	
		VMP-19-5-043019-Dup	4/30/2019	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		<0.012	U		<0 006	U		<0 0052	U	
VMP-20	5 ft	VMP-20-5-071818	7/18/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		0.018			<0 006	U		<0 0052	U	
		VMP-20-5-102418	10/24/2018	<0.018	U		<0.013	U		<0.0055	U		<0 0046	U		<0.016	U		<0.011	U		<0.0055	U		<0 0048	U	
		VMP-20-5-012119	1/21/2019	<0.84	U		1.1			<0.25	U		<0.21	U		<0.74	U		0.17	J		<0.25	U		<0.22	U	
		VMP-20-5-042619	4/26/2019	<0.039	U		0.011	J		<0 012	U		<0 0097	U		<0.034	U		<0.023	U		<0 012	U		<0.01	U	
	10 ft	VMP-20-10-071818	7/18/2018	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.036			<0.0059	U		<0 0052	U	
		VMP-20-10-102418	10/24/2018	<0.018	U		<0.013	U		<0.0056	U		<0 0046	U		<0.016	U		<0.011	U		<0.0056	U		<0 0048	U	
		VMP-20-10-012119	1/21/2019	<0.23	U		0.13	J		<0 069	U		<0.058	U		<0 2	U		<0.14	U		<0 069	U		<0.06	U	
		VMP-20-10-042619	4/26/2019	<0.02	U		0.0032	J		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U		<0 0053	U	
	25 ft	VMP-20-25-071818	7/18/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		0.21			<0 006	U		<0 0052	U	
		VMP-20-25-102418	10/24/2018	<0.018	U		<0.013	U		<0.0055	U		<0 0046	U		<0.016	U		<0.011	U		<0.0055	U		<0 0047	U	
		VMP-20-25-012119	1/21/2019	<0.017	U		0.0055	J		<0.0052	U		<0 0043	U		<0.015	U		<0 01	U		<0.0052	U		<0 0045	U	
		VMP-20-25-012119-DUP	1/21/2019	<0.017	U		0.0051	J		<0.0051	U		<0 0043	U		<0.015	U		0.0015	J		<0.0051	U		<0 0044	U	
		VMP-20-25-042619	4/26/2019	<0.019	U		<0.014	U		<0.0058	U		<0 0049	U		<0.017	U		0.0017	J		<0.0058	U		<0 0051	U	
	39.5 ft	VMP-20-39.5-071818	7/18/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		0.045			<0 006	U		<0 0052	U	
		VMP-20-39.5-071818-DUP	7/18/2018	<0.021	U		<0.015	U		<0.0063	U		<0 0053	U		<0.019	U		0.036			<0.0063	U		<0 0055	U	
		VMP-20-39.5-102418	10/24/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		0.0029	J		<0 006	U		<0 0052	U	
		VMP-20-39.5-020519	2/5/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.017			<0.0061	U		<0 0053	U	
		VMP-20-39.5-042619	4/26/2019	<0.019	U		<0.013	U		<0.0056	U		<0 0047	U		<0.016	U		<0.011	U		<0.0056	U		<0 0048	U	

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene		
										600						3700									1400		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-21	5 ft	VMP-21-5-072318	7/23/2018	<0.02	U		<0.014	U		<0.0059	U		<0 0049	U		<0.017	U		0.0052	J		<0.0059	U		<0 0051	U	
		VMP-21-5-102318	10/23/2018	<0.018	U		<0.013	U		<0.0056	U		<0 0046	U		<0.016	U		<0.011	U		<0.0056	U		<0 0048	U	
		VMP-21-5-012119	1/21/2019	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		0.0021	J		0.0018	J		<0 0047	U	
		VMP-21-5-042619	4/26/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.003	J		0.0024	J		<0 0053	U	
	10 ft	VMP-21-10-072318	7/23/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
		VMP-21-10-102318	10/23/2018	<0.019	U		<0.014	U		<0.0056	U		<0 0047	U		<0.016	U		0.0027	J		<0.0056	U		<0 0049	U	
		VMP-21-10-012119	1/21/2019	<0.019	U		<0.014	U		<0.0057	U		<0 0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.005	U	
		VMP-21-10-042619	4/26/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.028			<0.0061	U		<0 0053	U	
	25 ft	VMP-21-25-072318	7/23/2018	<0.019	U		0.039			<0.0057	U		<0 0047	U		<0.017	U		0.0044	J		<0.0057	U		<0 0049	U	
		VMP-21-25-102318	10/23/2018	<0.018	U		0.068			<0.0053	U		<0 0044	U		<0.016	U		0.022			<0.0053	U		<0 0046	U	
		VMP-21-25-012119	1/21/2019	<0.019	U		<0.014	U		<0.0057	U		<0 0048	U		<0.017	U		<0.011	U		<0.0057	U		<0 0049	U	
		VMP-21-25-042619	4/26/2019	<0.02	U		0.004	J		<0.0059	U		<0.005	U		<0.017	U		0.0099	J		<0.0059	U		<0 0052	U	
	33 ft	VMP-21-33-072318	7/23/2018	<0.021	U		0.016			<0.0062	U		<0 0052	U		<0.018	U		<0.012	U		<0.0062	U		<0 0054	U	
		VMP-21-33-102318	10/23/2018	<0.018	U		0.0051	J		<0.0053	U		<0 0044	U		<0.016	U		0.0036	J		<0.0053	U		<0 0046	U	
		VMP-21-33-102318-DUP	10/23/2018	<0.018	U		<0.013	U		<0.0053	U		<0 0044	U		<0.016	U		<0.011	U		<0.0053	U		<0 0046	U	
		VMP-21-33-012119	1/21/2019	<0.019	U		<0.014	U		<0.0058	U		<0 0049	U		<0.017	U		<0.012	U		<0.0058	U		<0 0051	U	
		VMP-21-33-012119-DUP	1/21/2019	<0.017	U		0.012			<0 005	U		<0 0042	U		<0.015	U		0.0074	J		<0 005	U		<0 0044	U	
		VMP-21-33-042619	4/26/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0 0052	U	
VMP-22	5 ft	VMP-22-5-071818	7/18/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		0.01	J		<0 006	U		<0 0052	U	
		VMP-22-5-101918	10/19/2018	<0.018	U		<0.013	U		<0.0055	U		<0 0046	U		<0.016	U		<0.011	U		<0.0055	U		<0 0048	U	
		VMP-22-5-012819	1/28/2019	<0.019	U		0.0028	J		<0.0057	U		<0 0047	U		<0.017	U		0.013			<0.0057	U		<0 0049	U	
		VMP-22-5-043019	4/30/2019	<0.019	U		<0.014	U		<0.0056	U		<0 0047	U		<0.016	U		<0.011	U		<0.0056	U		<0 0049	U	
	10 ft	VMP-22-10-071818	7/18/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		<0.012	U		<0 006	U		<0 0052	U	
		VMP-22-10-101918	10/19/2018	<0.019	U		0.0039	J		<0.0058	U		<0 0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
		VMP-22-10-012819	1/28/2019	<0.019	U		0.0025	J		<0.0057	U		<0 0048	U		<0.017	U		<0.011	U		<0.0057	U		<0 0049	U	
	18 ft	VMP-22-18-071818	7/18/2018	<0.02	U		<0.015	U		<0.0061	U		<0 0051	U		<0.018	U		<0.012	U		<0.0061	U		<0 0053	U	
		VMP-22-18-101918	10/19/2018	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0047	U	
		VMP-22-18-012819	1/28/2019	<0.018	U		0.0029	J		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0047	U	
		VMP-22-18-043019	4/30/2019	<0.019	U		<0.014	U		<0.0057	U		<0 0048	U		<0.017	U		<0.011	U		<0.0057	U		<0 0049	U	
	38 ft	VMP-22-38-071818	7/18/2018	<0.028	U		0 22		J	0.0019	J		<0 0069	U		<0.024	U		<0.017	U		0.0039	J		<0 0072	U	
		VMP-22-38-071818-DUP	7/18/2018	<0.02	U		0.0081	J	J	<0.0061	U		<0.005	U		<0.018	U		0.01	J		<0.0061	U		<0 0053	U	
		VMP-22-38-101918	10/19/2018	<0.018	U		0.15			<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0047	U	
		VMP-22-38-012819	1/28/2019	<0.019	U		0.0034	J		<0.0057	U		<0 0048	U		<0.017	U		<0.011	U		<0.0057	U		<0 0049	U	
		VMP-22-38-012819-DUP	1/28/2019	<0.02	U		0.0032	J		<0.0061	U		<0 0051	U		<0.018	U		0.002	J		<0.0061	U		<0 0053	U	
		VMP-22-38-043019	4/30/2019	<0.019	U		0.0099	J		0.0021	J		<0 0048	U		<0.017	U		<0.012	U		0.0042	J		<0.005	U	
VMP-23	5 ft	VMP-23-5-071718	7/17/2018	<0.021	U		<0.015	U		<0.0064	U		<0 0054	U		<0.019	U		<0.013	U		<0.0064	U		<0 0056	U	
		VMP-23-5-101918	10/19/2018	<0.018	U		0 02			<0.0052	U		<0 0044	U		<0.015	U		<0 01	U		<0.0053	U		<0 0046	U	
		VMP-23-5-012319	1/23/2019	<0.018	U		0.0042	J		<0.0055	U		<0 0046	U		<0.016	U		<0.011	U		<0.0055	U		<0 0048	U	
		VMP-23-5-042919	4/29/2019	<0.02	U		0.017			<0 006	U		<0.005	ND,UJ	UJ	<0.018	U		0.015			<0 006	U		<0 0052	U	
	10 ft	VMP-23-10-071718	7/17/2018	<0.021	U		<0.015	U		<0.0062	U		<0 0052	U		<0.018	U		<0.012	U		<0.0062	U		<0 0054	U	
		VMP-23-10-101918	10/19/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		<0.012	U		<0 006	U		<0 0052	U	
		VMP-23-10-012319	1/23/2019	<0.018	U		0.014			<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0047	U	
		VMP-23-10-042919	4/29/2019	<0.019	U		<0.014	U		<0.0058	U		<0 0048	ND,UJ	UJ	<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
	25 ft	VMP-23-25-071718	7/17/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		<0.012	U		<0 006	U		<0 0052	U	
		VMP-23-25-101918	10/19/2018	<0.019	U		<0.014	U		<0.0057	U		<0 0048	U		<0.017	U		<0.011	U		<0.0057	U		<0 0049	U	
		VMP-23-25-012319	1/23/2019	<0.018	U		<0.013	U		<0.0056	U		<0 0046	U		<0.016	U		0.0031	J		<0.0056	U		<0 0048	U	
		VMP-23-25-042919	4/29/2019	<0.019	U		0.0056	J		<0.0058	U		<0 0048	ND,UJ	UJ	<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
	40 ft	VMP-23-40-071718	7/17/2018	<0.02	U		<0.015	U		<0.0061	U		<0 0051	U		<0.018	U		0.016			<0.0061	U		<0 0053	U	
		VMP-23-40-071718-DUP	7/17/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		<0.012	U		<0 006	U		<0 0052	U	
		VMP-23-40-101918	10/19/2018	<0.018	U		0.0028	J		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0047	U	
		VMP-23-40-101918-DUP	10/19/2018	<0.018	U		0.0038	J		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0046	U	
		VMP-23-40-012319	1/23/2019	<0.018	U		<0.013	U	UJ	<0.0053	U		<0 0044	U		<0.016	U		<0 01	U		<0.0053	U		<0 0046	U	
		VMP-23-40-012319-DUP	1/23/2019	<0.018	U		0.11		J	<0.0054	U		<0 0045	U		<0.016	U		0.0028	J		<0.0054	U		<0 0047	U	
		VMP-23-40-042919	4/29/2019	<0.021	U		<0.015	U		<0.0064	U		<0 0053	ND,UJ	UJ	<0.019	U		0.015			<0.0064	U		<0 0056	U	
		VMP-23-40-042919-DUP	4/29/2019	<0.021	U		<0.015	U		<0.0062	U		<0 0052	ND,UJ	UJ	<0.018	U		0.0082	J		<0.0062	U		<0 0054	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene		
										600						3700									1400		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-072018	7/20/2018	<0.019	U		0 02			<0.0058	U		<0 0048	U		<0.017	U		0.0044	J		<0.0058	U		<0.005	U	
		VMP-24-5-102518	10/25/2018	<0.019	U		<0.014	U		<0.0056	U		<0 0047	U		<0.016	U		<0.011	U		<0.0056	U		<0 0049	U	
		VMP-24-5-012419	1/24/2019	<0.018	U		0.0074	J		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0046	U	
		VMP-24-5-012419-DUP	1/24/2019	<0.019	U		<0.014	U		<0.0056	U		<0 0047	U		<0.016	U		<0.011	U		<0.0056	U		<0 0049	U	
		VMP-24-5-042419	4/24/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	ND,UJ	UJ	<0.018	U		<0.012	U		<0.0061	U		<0 0053	U	
	10 ft	VMP-24-10-072018	7/20/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0048	U		<0.017	U		0.0026	J		0.00062	J		<0.005	U	
		VMP-24-10-102518	10/25/2018	<0.034	U		<0.024	U		0.0015	J		<0 0084	U		<0.03	U		<0 02	U		0.0057	J		<0 0088	U	
		VMP-24-10-012419	1/24/2019	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		0.0016	J		<0.0054	U		<0 0046	U	
		VMP-24-10-042419	4/24/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	ND,UJ	UJ	<0.018	U		<0.012	U		<0.0061	U		<0 0053	U	
	22 ft	VMP-24-22-072018	7/20/2018	<0.019	U		<0.014	U		<0.0057	U		<0 0048	U		<0.017	U		0.0044	J		<0.0057	U		<0.005	U	
		VMP-24-22-102518	10/25/2018	<0.018	U		0.0073	J		<0.0055	U		<0 0046	U		<0.016	U		<0.011	U		<0.0055	U		<0 0048	U	
		VMP-24-22-012419	1/24/2019	<0.018	U		0.0034	J		<0.0056	U		<0 0046	U		<0.016	U		0.0028	J		<0.0056	U		<0 0048	U	
		VMP-24-22-042419	4/24/2019	<0.019	U		<0.014	U		<0.0058	U		<0 0049	ND,UJ	UJ	<0.017	U		<0.012	U		<0.0058	U		<0 0051	U	
	34 ft	VMP-24-34-072018	7/20/2018	<0.02	U		0.0092	J		<0.0059	U		<0 0049	U		<0.017	U		0.012			<0.0059	U		<0 0051	U	
		VMP-24-34-072018-DUP	7/20/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		0.011	J		<0 006	U		<0 0052	U	
		VMP-24-34-102518	10/25/2018	<0.018	U		<0.013	U		<0.0055	U		<0 0046	U		<0.016	U		<0.011	U		<0.0055	U		<0 0047	U	
		VMP-24-34-102518-DUP	10/25/2018	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0047	U	
		VMP-24-34-012419	1/24/2019	<0.017	U		<0.012	U		<0.0052	U		<0 0043	U		<0.015	U		<0 01	U		<0.0052	U		<0 0045	U	
		VMP-24-34-042419	4/24/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	ND,UJ	UJ	<0.017	U		0.014			<0.0059	U		<0 0052	U	
VMP-32	5 ft	VMP-32-5-072318	7/23/2018	<0.019	U		0.003	J		<0.0058	U		<0 0049	U		<0.017	U		0.0033	J		<0.0058	U		<0 0051	U	
		VMP-32-5-012319	1/23/2019	<0.018	U		<0.013	U		<0.0052	U		<0 0044	U		<0.015	U		<0 01	U		<0.0053	U		<0 0046	U	
		VMP-32-5-043019	4/30/2019	<0.02	U		<0.014	U		<0 006	U		0.0011	J		<0.018	U		0.005	J		<0 006	U		<0 0052	U	
	10 ft	VMP-32-10-072318	7/23/2018	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0032	J		<0.0061	U		<0 0053	U	
		VMP-32-10-102518	10/25/2018	<0.019	U		<0.014	U		<0.0057	U		<0 0047	U		<0.017	U		<0.011	U		<0.0057	U		<0 0049	U	
		VMP-32-10-012319	1/23/2019	<0.017	U		0.0074	J		<0.0052	U		<0 0044	U		<0.015	U		0.0018	J		<0.0052	U		<0 0045	U	
		VMP-32-10-043019	4/30/2019	<0.02	U		<0.014	U		<0.0059	U		<0 0049	U		<0.017	U		<0.012	U		<0.0059	U		<0 0051	U	
	20 ft	VMP-32-20-072318	7/23/2018	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0034	J		<0.0061	U		<0 0053	U	
		VMP-32-20-102518	10/25/2018	<0.019	U		<0.014	U		<0.0057	U		<0 0047	U		<0.017	U		<0.011	U		<0.0057	U		<0 0049	U	
		VMP-32-20-012319	1/23/2019	<0.018	U		0.022			<0.0053	U		<0 0044	U		<0.016	U		0.012			<0.0053	U		<0 0046	U	
		VMP-32-20-043019	4/30/2019	<0.019	U		<0.014	U		<0.0057	U		<0 0048	U		<0.017	U		<0.011	U		<0.0057	U		<0 0049	U	
	30 ft	VMP-32-30-072318	7/23/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
		VMP-32-30-102518	10/25/2018	<0.019	U		<0.014	U		<0.0056	U		<0 0047	U		<0.016	U		0.0045	J		<0.0056	U		<0 0049	U	
		VMP-32-30-012319	1/23/2019	<0.018	U		0.0037	J		<0.0052	U		<0 0044	U		<0.015	U		<0 01	U		<0.0053	U		<0 0046	U	
		VMP-32-30-050319	5/3/2019	<0.018	U		<0.013	U		<0.0053	U		<0 0044	U		<0.016	U		<0 01	U		<0.0053	U		<0 0046	U	
VMP-42	10 ft	VMP-42-10-072318	7/23/2018	<0.02	U		<0.014	U		<0.0059	U		<0 0049	U		<0.017	U		0.0027	J		<0.0059	U		<0 0051	U	
		VMP-42-10-102218	10/22/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
		VMP-42-10-012519	1/25/2019	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		0.0042	J		<0.0054	U		<0 0047	U	
		VMP-42-10-050119	5/1/2019	<0.019	U		0.4			<0.0058	U		<0 0049	U		<0.017	U		<0.012	U		<0.0058	U		<0 0051	U	
	20 ft	VMP-42-20-072318	7/23/2018	<0.02	U		<0.015	U		0.00084	J		0.0022	J		<0.018	U		0.047			<0.0061	U		<0 0053	U	
		VMP-42-20-102218	10/22/2018	<0.021	U		<0.015	U		<0.0062	U		<0 0052	U		<0.018	U		0.0043	J		<0.0062	U		<0 0054	U	
		VMP-42-20-020519	2/5/2019	<0.021	U		<0.015	U		<0.0062	U		<0 0052	U		<0.018	U		<0.012	U		<0.0062	U		<0 0054	U	
		VMP-42-20-050119	5/1/2019	<0.02	U		<0.015	U		<0.0062	U		<0 0051	U		<0.018	U		<0.012	U		<0.0062	U		<0 0053	U	
	30 ft	VMP-42-30-072318	7/23/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0049	U		<0.017	U		0.0094	J		<0.0058	U		<0 0051	U	
		VMP-42-30-072318-DUP	7/23/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0048	U		<0.017	U		0.021			<0.0058	U		<0.005	U	
		VMP-42-30-102218	10/22/2018	<0.019	U		0 54			<0.0057	U		<0 0047	U		<0.017	U		<0.011	U		0.0025	J		<0 0049	U	
		VMP-42-30-112818	11/28/2018	<0.017	U		0.021			<0.0051	U		<0 0043	U		<0.015	U		<0 01	U		0.00086	J		<0 0044	U	
		VMP-42-30-012519	1/25/2019	<0.017	U		<0.012	U		<0.0052	U		<0 0044	U		<0.015	U		0.0023	J		<0.0052	U		<0 0045	U	
		VMP-42-30-050119	5/1/2019	<0.019	U		0.0036	J		<0.0057	U		<0 0047	U		<0.017	U		<0.011	U		<0.0057	U		<0 0049	U	
VMP-43	10 ft	VMP-43-10-071818	7/18/2018	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0 0052	U	
		VMP-43-10-102918	10/29/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0048	U		<0.017	U		0.0042	J		<0.0058	U		<0.005	U	
		VMP-43-10-012919	1/29/2019	<0.018	U		0.0047	J		0.37			<0 0046	U		<0.016	U		0.0068	J		1.4			<0 0048	U	
		VMP-43-10-042919	4/29/2019	<0.02	U		0.0059	J		0.0036	J		<0 0049	ND,UJ	UJ	<0.017	U		0.027			<0.0059	U		0.0018	J	
	20 ft	VMP-43-20-071818	7/18/2018	<0.021	U		<0.015	U		<0.0062	U		<0 0052	U		<0.018	U		0.0026	J		<0.0062	U		<0 0054	U	
		VMP-43-20-102918	10/29/2018	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0033	J		<0.0061	U		<0 0053	U	
		VMP-43-20-012919	1/29/2019	<0.017	U		0 26			<0.0052	U		<0 0044	U		<0.015	U		0.014			<0.0052	U		<0 0045	U	
		VMP-43-20-042919	4/29/2019	<0.021	U		0.0035	J		<0.0062	U		<0 0052	ND,UJ	UJ	<0.018	U		<0.012	U		<0.0062	U		<0 0054	U	
	30 ft	VMP-43-30-071818	7/18/2018	<0.021	U		<0.015	U		0.0022	J		<0 0052	U		<0.018	U		0.004	J		0.0078			<0 0054	U	
		VMP-43-30-102918	10/29/2018	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.019			<0.0059	U		<0 0052	U	
		VMP-43-30-012919	1/29/2019	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		0.0024	J		<0.0054	U		<0 0047	U	
		VMP-43-30-012919-DUP	1/29/2019	<0.018	U		<0.013	U		<0.0055	U		<0 0046	U		<0.016	U		0.0019	J		<0.0055	U		<0 0048	U	
		VMP-43-30-042919	4/29/2019	<0.021	U		<0.015	U		<0.0064	U		<0 0053	ND,UJ	UJ	<0.019	U		<0.013	U		<0.0064	U		<0 0055	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene		
										600						3700									1400		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-071818	7/18/2018	<0.021	U		0 01	J		<0.0063	U		<0 0052	U		<0.018	U		0.014			0.0015	J		<0 0054	U	
		VMP-44-10-102518	10/25/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
		VMP-44-10-012219	1/22/2019	<0.017	U		0.018			<0.0051	U		<0 0043	U		<0.015	U		<0 01	U		<0.0051	U		<0 0044	U	
		VMP-44-10-042919	4/29/2019	<0.019	U		<0.014	U		<0.0058	U		<0 0048	ND,UJ	UJ	<0.017	U		0.0064	J		<0.0058	U		<0.005	U	
	20 ft	VMP-44-20-071818	7/18/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0048	U		<0.017	U		0.003	J		<0.0058	U		<0.005	U	
		VMP-44-20-102518	10/25/2018	<0.019	U		<0.013	U		<0.0056	U		<0 0047	U		<0.016	U		<0.011	U		<0.0056	U		<0 0048	U	
		VMP-44-20-020419	2/4/2019	<0.02	U		0.0056	J		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0 0052	U	
		VMP-44-20-020419-DUP	2/4/2019	<0.021	U		0.0049	J		<0.0062	U		<0 0052	U		<0.018	U		0.0021	J		<0.0062	U		<0 0054	U	
		VMP-44-20-042919	4/29/2019	<0.02	U		0.0048	J		<0.0059	U		<0 0049	ND,UJ	UJ	<0.017	U		<0.012	U		<0.0059	U		<0 0051	U	
	30 ft	VMP-44-30-071818	7/18/2018	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.003	J		<0.0061	U		<0 0053	U	
		VMP-44-30-102518	10/25/2018	<0.02	U		<0.014	U		<0.0059	U		<0 0049	U		<0.017	U		0.016			<0.0059	U		<0 0051	U	
		VMP-44-30-012219	1/22/2019	<0.017	U		0.018			<0.0052	U		<0 0044	U		<0.015	U		<0 01	U		0.00074	J		<0 0045	U	
		VMP-44-30-042919	4/29/2019	<0.02	U		<0.014	U		<0 006	U		<0.005	ND,UJ	UJ	<0.018	U		<0.012	U		<0 006	U		<0 0052	U	
VMP-45	10 ft	VMP-45-10-071918	7/19/2018	<0.02	U		<0.014	U		<0.0061	U		0.0041	J		<0.018	U		0.092			<0.0061	U		<0 0053	U	
		VMP-45-10-102518	10/25/2018	<0.02	U		<0.014	U		<0.0059	U		<0 0049	U		<0.017	U		<0.012	U		<0.0059	U		<0 0051	U	
		VMP-45-10-012219	1/22/2019	<0.019	U		<0.014	U		<0.0058	U		<0 0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
		VMP-45-10-042519	4/25/2019	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		0.0042	J		<0 006	U		<0 0052	U	
	20 ft	VMP-45-20-071918	7/19/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		0.0017	J		<0 006	U		<0 0052	U	
		VMP-45-20-102518	10/25/2018	<0.019	U		0.017			<0.0056	U		<0 0047	U		<0.016	U		<0.011	U		<0.0056	U		<0 0049	U	
		VMP-45-20-012219	1/22/2019	<0.018	U		0.017			<0.0054	U		<0 0045	U		<0.016	U		0.0018	J		<0.0054	U		<0 0046	U	
		VMP-45-20-042519	4/25/2019	<0.02	U		<0.014	U		<0.0059	U		<0 0049	U		<0.017	U		<0.012	U		<0.0059	U		<0 0051	U	
	30 ft	VMP-45-30-071918	7/19/2018	<0.02	U		<0.014	U		<0.0059	U		<0 0049	U		<0.017	U		0.021			<0.0059	U		<0 0051	U	
		VMP-45-30-102518	10/25/2018	<0.02	U		<0.014	U		<0.0059	U		<0 0049	U		<0.017	U		<0.012	U		<0.0059	U		<0 0051	U	
		VMP-45-30-012219	1/22/2019	<0.018	U		0.0039	J		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0047	U	
		VMP-45-30-042519	4/25/2019	<0.021	U		<0.015	U		<0.0062	U		<0 0052	U		<0.018	U		0.0046	J		<0.0062	U		<0 0054	U	
		VMP-45-30-052819R	5/28/2019	<0.022	U		0.028			<0.0065	U		<0 0054	U		<0.019	U		<0.013	U		0.0029	J		<0 0056	U	
VMP-47	5 ft	VMP-47-5-071918	7/19/2018	<0.019	U		<0.014	U		<0.0057	U		<0 0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.005	U	
		VMP-47-5-102318	10/23/2018	<0.018	U		<0.013	U		<0.0056	U		<0 0046	U		<0.016	U		<0.011	U		<0.0056	U		<0 0048	U	
		VMP-47-5-012919	1/29/2019	<0.018	U		0.0044	J		0.15			<0 0046	U		<0.016	U		0.0026	J		0 51			<0 0048	U	
		VMP-47-5-042519	4/25/2019	<0.02	U		<0.014	U		<0.0059	U		<0 0049	U		<0.017	U		0.0039	J		<0.0059	U		<0 0051	U	
	10 ft	VMP-47-10-071918	7/19/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0049	U		<0.017	U		0.0035	J		<0.0058	U		<0 0051	U	
		VMP-47-10-102318	10/23/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0048	U		<0.017	U		0.003	J		<0.0058	U		<0.005	U	
		VMP-47-10-012919	1/29/2019	<0.019	U		<0.014	U		0.0087			<0 0049	U		<0.017	U		<0.012	U		0.035			<0 0051	U	
		VMP-47-10-042519	4/25/2019	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0047	U	
	20 ft	VMP-47-20-071918	7/19/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0049	U		<0.017	U		0.0024	J		<0.0058	U		<0 0051	U	
		VMP-47-20-102318	10/23/2018	<0.019	U		<0.014	U		<0.0057	U		<0 0047	U		<0.017	U		<0.011	U		<0.0057	U		<0 0049	U	
		VMP-47-20-012919	1/29/2019	<0.017	U		<0.012	U		<0 005	U		<0 0042	U		<0.015	U		<0 01	U		<0 005	U		<0 0044	U	
		VMP-47-20-042519	4/25/2019	<0.021	U		<0.015	U		<0.0062	U		<0 0052	U		<0.018	U		<0.012	U		<0.0062	U		<0 0054	U	
	30 ft	VMP-47-30-071918	7/19/2018	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0016	J		<0.0059	U		<0 0052	U	
		VMP-47-30-102318	10/23/2018	<0.02	U		<0.014	U		<0.0059	U		<0 0049	U		<0.017	U		0.0043	J		<0.0059	U		<0 0051	U	
		VMP-47-30-050319	5/3/2019	<0.02	U		<0.014	U		<0.0059	U		<0 0049	U		<0.017	U		<0.012	U		<0.0059	U		<0 0051	U	
VMP-48	5 ft	VMP-48-5-072418	7/24/2018	<0.018	U		<0.013	U		<0.0055	U		<0 0046	U		<0.016	U		<0.011	U		<0.0055	U		<0 0047	U	
		VMP-48-5-102418	10/24/2018	<0.02	U		<0.014	U		<0.0059	U		<0 0049	U		<0.017	U		0.0015	J		<0.0059	U		<0 0051	U	
		VMP-48-5-012319	1/23/2019	<0.018	U		<0.013	U		<0.0055	U		<0 0046	U		<0.016	U		0.014			<0.0055	U		<0 0048	U	
		VMP-48-5-042619	4/26/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0019	J		<0.0061	U		<0 0053	U	
	10 ft	VMP-48-10-072418	7/24/2018	<0.021	U		0 28			<0.0063	U		<0 0053	U		<0.019	U		0.0062	J		<0.0063	U		<0 0055	U	
		VMP-48-10-102418	10/24/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0048	U		<0.017	U		0.0027	J		<0.0058	U		<0.005	U	
		VMP-48-10-012319	1/23/2019	<0.018	U		<0.013	U		<0.0053	U		<0 0044	U		<0.016	U		<0.011	U		<0.0053	U		<0 0046	U	
		VMP-48-10-042619	4/26/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0038	J		<0.0059	U		<0 0052	U	
	20 ft	VMP-48-20-102418	10/24/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		0.0026	J		<0 006	U		<0 0052	U	
		VMP-48-20-012319	1/23/2019	<0.017	U		<0.012	U		<0.0052	U		<0 0043	U		<0.015	U		0.003	J		<0.0052	U		<0 0045	U	
	30 ft	VMP-48-30-072418	7/24/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		<0.012	U		<0 006	U		<0 0052	U	
		VMP-48-30-102418	10/24/2018	<0.02	U		0.0072	J		<0.0059	U		<0 0049	U		<0.017	U		0.0047	J		<0.0059	U		<0 0051	U	
		VMP-48-30-012319	1/23/2019	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0047	U	
		VMP-48-30-042619	4/26/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0 0052	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene		
										600						3700									1400		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-49	5 ft	VMP-49-5-072018	7/20/2018	<0.02	U		<0.015	U		<0.0061	U		<0 0051	U		<0.018	U		0.0031	J		0.00095	J		<0 0053	U	
		VMP-49-5-102318	10/23/2018	<0.019	U		0 01	J		<0.0058	U		<0 0049	U		<0.017	U		<0.012	J	U	<0.0058	U		<0 0051	U	
		VMP-49-5-020119	2/1/2019	<0.018	U		<0.013	U		<0.0055	U		<0 0046	U		<0.016	U		<0.011	U		<0.0055	U		<0 0048	U	
		VMP-49-5-042919	4/29/2019	<0.021	U		<0.015	U		<0.0063	U		<0 0052	U		<0.018	U		0.0031	J		<0.0063	U		<0 0054	U	
	10 ft	VMP-49-10-072018	7/20/2018	0.0034	J		0.004	J		0.0062			<0.005	U		<0.018	U		0.013			<0 006	U		<0 0052	U	
		VMP-49-10-102318	10/23/2018	<0.02	U		0.018			<0.0059	U		<0 0049	U		<0.017	U		0.0074	J		<0.0059	U		<0 0051	U	
		VMP-49-10-012119	1/21/2019	0.0017	J		<0.012	U		<0.0052	U		<0 0043	U		<0.015	U		0.0024	J		<0.0052	U		<0 0045	U	
		VMP-49-10-042919	4/29/2019	<0.019	U		0.055			<0.0058	U		<0 0048	U		<0.017	U		0.0028	J		<0.0058	U		<0.005	U	
	20 ft	VMP-49-20-072018	7/20/2018	<0.021	U		0 01	J		<0.0063	U		<0 0052	U		<0.018	U		0.0095	J		<0.0063	U		<0 0054	U	
		VMP-49-20-102318	10/23/2018	<0.02	U		0.0024	J		<0.0061	U		<0.005	U		<0.018	U		0.003	J		<0.0061	U		<0 0053	U	
		VMP-49-20-012119	1/21/2019	<0.017	U		<0.012	U		<0.0052	U		<0 0043	U		<0.015	U		0.0034	J		<0.0052	U		<0 0045	U	
		VMP-49-20-042919	4/29/2019	<0.019	U		0.015			<0.0058	U		<0 0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
	30 ft	VMP-49-30-072018	7/20/2018	<0.021	U		<0.015	U		<0.0062	U		<0 0052	U		<0.018	U		0.012	J		<0.0062	U		<0 0054	U	
		VMP-49-30-102318	10/23/2018	<0.02	U		<0.014	U		<0.0059	U		<0 0049	U		<0.017	U		0.0035	J		<0.0059	U		<0 0051	U	
		VMP-49-30-012119	1/21/2019	<0.017	U		<0.012	U		<0.0051	U		<0 0043	U		<0.015	U		<0 01	U		<0.0051	U		<0 0044	U	
		VMP-49-30-042919	4/29/2019	<0.019	U		0 53		J	<0.0058	U		<0 0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
		VMP-49-30-042919-DUP	4/29/2019	<0.021	U		0.017		J	<0.0063	U		<0 0052	U		<0.018	U		<0.012	U		<0.0063	U		<0 0054	U	
VMP-50	5 ft	VMP-50-5-072618	7/26/2018	<0.021	U		<0.015	U		<0.0063	U		<0 0053	U		<0.018	U		<0.013	U	UJ	<0.0063	U		<0 0055	U	
		VMP-50-5-103018	10/30/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0049	U		<0.017	U		<0.012	U		<0.0058	U		<0 0051	U	
		VMP-50-5-020519	2/5/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U		<0 0053	U	
		VMP-50-5-042919	4/29/2019	<0.019	U		<0.014	U		<0.0058	U		<0 0048	ND,UJ	UJ	<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
	10 ft	VMP-50-10-072618	7/26/2018	<0.021	U		<0.015	U		<0.0062	U		<0 0052	U		<0.018	U		<0.012	U	UJ	<0.0062	U		<0 0054	U	
		VMP-50-10-103018	10/30/2018	<0.02	U		<0.014	U		<0.0061	U		0.0019	J		<0.018	U		0.0091	J		<0.0061	U		<0 0053	U	
		VMP-50-10-012519	1/25/2019	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		0.0017	J		<0.0054	U		<0 0047	U	
		VMP-50-10-042919	4/29/2019	<0.021	U		0.0036	J		<0.0063	U		<0 0053	ND,UJ	UJ	<0.018	U		<0.013	U		<0.0063	U		<0 0055	U	
	20 ft	VMP-50-20-072618	7/26/2018	<0.021	U		<0.015	U		<0.0063	U		<0 0053	U		<0.019	U		<0.013	U	UJ	<0.0063	U		<0 0055	U	
		VMP-50-20-103018	10/30/2018	<0.021	U		0.004	J		<0.0063	U		<0 0053	U		<0.019	U		0.0039	J		<0.0063	U		<0 0055	U	
		VMP-50-20-020119	2/1/2019	<0.019	U		<0.014	U		<0.0057	U		<0 0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.005	U	
		VMP-50-20-042919	4/29/2019	<0.019	U		0 31			0 008			<0 0047	ND,UJ	UJ	<0.016	U		<0.011	U		0.0089			<0 0049	U	
	30 ft	VMP-50-30-072618	7/26/2018	<0.4	U		18			0 016	J		<0.1	U		<0.35	U		<0 24	U	UJ	<0.12	U		<0.1	U	
		VMP-50-30-103018	10/30/2018	<0.019	U		33			0 011	J	J	<0 0049	U		<0.017	U		<0.012	U		0.0079	J	J	<0 0051	U	
		VMP-50-30-012519	1/25/2019	<0.37	U		23			<0.11	U		<0.092	U		<0.32	U		<0 22	U		<0.11	U		<0.096	U	
		VMP-50-30-012519-DUP	1/25/2019	<0.34	U		24			<0.1	U		<0.084	U		<0 3	U		<0.2	U		<0.1	U		<0.087	U	
		VMP-50-30-042919	4/29/2019	<0 2	U		22			0 018	J		<0.05	ND,UJ	UJ	<0.18	U		<0.12	U		<0.06	U		<0.052	U	
VMP-51	5 ft	VMP-51-5-071718	7/17/2018	<0.021	U		0.0066	J		<0.0064	U		<0 0054	U		<0.019	U		<0.013	U		<0.0064	U		<0 0056	U	
		VMP-51-5-101918	10/19/2018	<0.019	U		<0.014	U		<0.0056	U		<0 0047	U		<0.016	U		<0.011	U		<0.0056	U		<0 0049	U	
		VMP-51-5-012319	1/23/2019	<0.018	U		0.033			<0.0056	U		<0 0046	U		<0.016	U		0.002	J		<0.0056	U		<0 0048	U	
		VMP-51-5-050119	5/1/2019	<0.022	U		<0.016	U		<0.0065	U		<0 0054	U		<0.019	U		<0.013	U		<0.0065	U		<0 0056	U	
	10 ft	VMP-51-10-071718	7/17/2018	<0.021	U		<0.015	U		<0.0063	U		<0 0052	U		<0.018	U		0.006	J		<0.0063	U		<0 0054	U	
		VMP-51-10-101918	10/19/2018	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0047	U	
		VMP-51-10-012319	1/23/2019	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		0.007	J		<0.0054	U		<0 0046	U	
		VMP-51-10-050119	5/1/2019	<0.019	U		0.069			<0.0057	U		<0 0047	U		<0.017	U		0.0039	J		<0.0057	U		<0 0049	U	
	20 ft	VMP-51-20-071718	7/17/2018	<0.022	U		<0.016	U		<0.0065	U		0.0023	J		<0.019	U		0.037			<0.0065	U		<0 0056	U	
		VMP-51-20-101918	10/19/2018	<0.019	U		<0.013	U		<0.0056	U		<0 0047	U		<0.016	U		<0.011	U		<0.0056	U		<0 0048	U	
		VMP-51-20-012319	1/23/2019	<0.018	U		0.016			<0.0052	U		<0 0044	U		<0.015	U		<0 01	U		<0.0053	U		<0 0046	U	
		VMP-51-20-050119	5/1/2019	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0047	U	
	30 ft	VMP-51-30-071718	7/17/2018	<0.021	U		0.0081	J		<0.0062	U		<0 0052	U		<0.018	U		0.0092	J		<0.0062	U		<0 0054	U	
		VMP-51-30-071718-DUP	7/17/2018	<0.02	U		<0.015	U		<0.0061	U		<0 0051	U		<0.018	U		<0.012	U		<0.0061	U		<0 0053	U	
		VMP-51-30-101918	10/19/2018	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0047	U	
		VMP-51-30-101918-DUP	10/19/2018	<0.018	U		<0.013	U		<0.0056	U		<0 0046	U		<0.016	U		<0.011	U		<0.0056	U		<0 0048	U	
		VMP-51-30-012319	1/23/2019	<0.017	U		<0.012	U		<0.0052	U		<0 0043	U		<0.015	U		0.002	J		<0.0052	U		<0 0045	U	
		VMP-51-30-050119	5/1/2019	<0.022	U		<0.016	U		<0.0067	U		<0 0056	U		<0.02	U		<0.013	U		<0.0067	U		<0 0058	U	
		VMP-51-30-050119-DUP	5/1/2019	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		<0.012	U		<0 006	U		<0 0052	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene		
										600						3700									1400		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-52	5 ft	VMP-52-5-072018	7/20/2018	<0.02	U		0.012	J		<0.0059	U		<0 0049	U		<0.017	U		0.022			<0.0059	U		<0 0051	U	
		VMP-52-5-102318	10/23/2018	<0.017	U		<0.012	U		<0.0052	U		<0 0043	U		<0.015	U		<0 01	U		<0.0052	U		<0 0045	U	
		VMP-52-5-013119	1/31/2019	<0.019	U		<0.014	U		<0.0057	U		<0 0047	U		<0.017	U		0.0033	J		<0.0057	U		<0 0049	U	
		VMP-52-5-050219	5/2/2019	<0.4	U		<0.29	U		<0.12	U		<0.1	U		<0.35	U		22			<0.12	U		<0.1	U	
	10 ft	VMP-52-10-072018	7/20/2018	<0.02	U		<0.014	U		<0.0059	U		<0 0049	U		<0.017	U		<0.012	U		0.0012	J		<0 0051	U	
		VMP-52-10-102318	10/23/2018	<0.019	U		<0.014	U		<0.0056	U		<0 0047	U		<0.016	U		<0.011	U		<0.0056	U		<0 0049	U	
		VMP-52-10-013119	1/31/2019	<0.018	U		<0.013	U		<0.0055	U		<0 0046	U		<0.016	U		0.0035	J		<0.0055	U		<0 0048	U	
	20 ft	VMP-52-20-072018	7/20/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		<0.012	U		<0 006	U		<0 0052	U	
		VMP-52-20-102318	10/23/2018	<0.018	U		0.016			<0.0054	U		<0 0045	U		<0.016	U		0.0073	J		0.0018	J		<0 0047	U	
		VMP-52-20-013119	1/31/2019	<0.018	U		<0.013	U		<0.0052	U		<0 0044	U		<0.015	U		0.0016	J		<0.0053	U		<0 0046	U	
		VMP-52-20-013119-DUP	1/31/2019	<0.017	U		0.0041	J		<0.0052	U		<0 0043	U		<0.015	U		0.002	J		<0.0052	U		<0 0045	U	
		VMP-52-20-050219	5/2/2019	<0.021	U		0.0045	J		<0.0063	U		<0 0052	U		<0.018	U		0.01	J		<0.0063	U		<0 0054	U	
	30 ft	VMP-52-30-072018	7/20/2018	<0.02	U		0.0046	J		<0 006	U		<0.005	U		<0.018	U		0.0064	J		<0 006	U		<0 0052	U	
		VMP-52-30-102318	10/23/2018	<0.017	U		0.0044	J		<0 005	U		<0 0042	U		<0.015	U		0.0021	J		<0 005	U		<0 0044	U	
		VMP-52-30-102318-DUP	10/23/2018	<0.018	U		<0.013	U		<0.0053	U		<0 0044	U		<0.016	U		0.0012	J		<0.0053	U		<0 0046	U	
		VMP-52-30-013119	1/31/2019	<0.017	U		0.0024	J		<0.0051	U		<0 0042	U		<0.015	U		0.0016	J		<0.0051	U		<0 0044	U	
		VMP-52-30-050219	5/2/2019	<0.022	U		0.006	J		<0.0065	U		<0 0054	U		<0.019	U		<0.013	U		<0.0065	U		<0 0056	U	
VMP-53	5 ft	VMP-53-5-072518	7/25/2018	<0.02	U		<0.015	U		<0.0061	U		<0 0051	U		<0.018	U		0.01	J		<0.0061	U		<0 0053	U	
		VMP-53-5-102318	10/23/2018	<0.019	U		<0.014	U		<0.0058	U		0.0053			<0.017	U		0.002	J		<0.0058	U		0 003	J	
		VMP-53-5-011819	1/18/2019	<0.017	U		<0.012	U		<0.0052	U		<0 0043	U		<0.015	U		0.0017	J		<0.0052	U		<0 0045	U	
		VMP-53-5-050319	5/3/2019	<0.02	U		0.0069	J		<0.0061	U		<0 0051	U		<0.018	U		<0.012	U		0.0051	J		<0 0053	U	
		VMP-53-5-050319-DUP	5/3/2019	<0.019	U		0.004	J		0.0014	J		<0 0048	U		<0.017	U		<0.012	U		0.0067			<0.005	U	
	10 ft	VMP-53-10-072518	7/25/2018	<0.021	U		<0.015	U		<0.0063	U		<0 0052	U		<0.018	U		0.0048	J		<0.0063	U		<0 0054	U	
		VMP-53-10-102318	10/23/2018	<0.019	U		<0.014	U		<0.0057	U		<0 0048	U		<0.017	U		<0.011	U		<0.0057	U		<0 0049	U	
		VMP-53-10-011819	1/18/2019	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0047	U	
		VMP-53-10-050319	5/3/2019	<0.068	U		0.032	J		<0.02	U		<0.017	U		<0.06	U		<0.041	U		<0.02	U		<0.018	U	
	20 ft	VMP-53-20-072518	7/25/2018	<0.02	U		<0.015	U		<0.0061	U		<0 0051	U		<0.018	U		0.0024	J		<0.0061	U		<0 0053	U	
		VMP-53-20-102318	10/23/2018	<0.02	U		<0.014	U		0.0036	J		<0.005	U		<0.018	U		0.0027	J		0.025			<0 0052	U	
		VMP-53-20-011819	1/18/2019	<0.018	U		0.0027	J		<0.0055	U		<0 0046	U		<0.016	U		0.0018	J		<0.0055	U		<0 0048	U	
		VMP-53-20-050319	5/3/2019	<2 2	U		4.8			<0.66	U		<0.55	U		<0.49	U		<1.3	U		<0.66	U		<0.58	U	
	30 ft	VMP-53-30-072518	7/25/2018	<0.02	U		0.0071	J		<0.0061	U		<0.005	U		<0.018	U		0.0077	J		<0.0061	U		<0 0053	U	
		VMP-53-30-102318	10/23/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		0.0018	J		<0 006	U		<0 0052	U	
		VMP-53-30-013119	1/31/2019	<0.018	U		<0.013	U		<0.0052	U		<0 0044	U		<0.015	U		0.002	J		<0.0053	U		<0 0046	U	
		VMP-53-30-050319	5/3/2019	<0.21	U		9.4			<0 062	U		<0.052	U		<0.18	U		<0.12	U		<0 062	U		<0.054	U	
VMP-54	5 ft	VMP-54-5-072518	7/25/2018	<0.022	U		<0.016	U		<0.0065	U		<0 0054	U		<0.019	U		0.0079	J		<0.0065	U		<0 0057	U	
		VMP-54-5-102418	10/24/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		0.0075	J		<0 006	U		<0 0052	U	
		VMP-54-5-011819	1/18/2019	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0047	U	
		VMP-54-5-042419	4/24/2019	<0.019	U		<0.013	U		<0.0056	U		<0 0047	ND,UJ	UJ	<0.016	U		<0.011	U		<0.0056	U		<0 0048	U	
	10 ft	VMP-54-10-072518	7/25/2018	<0.021	U		<0.015	U		<0.0063	U		<0 0052	U		<0.018	U		<0.012	U		<0.0063	U		<0 0054	U	
		VMP-54-10-102418	10/24/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0049	U		<0.017	U		0.005	J		<0.0058	U		<0 0051	U	
		VMP-54-10-011819	1/18/2019	<0.018	U		0.0021	J		<0.0053	U		<0 0044	U		<0.016	U		<0 01	U		<0.0053	U		<0 0046	U	
		VMP-54-10-042419	4/24/2019	<0.022	U		0.0052	J		0.0026	J		<0 0054	ND,UJ	UJ	<0.019	U		<0.013	U		0.0069			<0 0056	U	
	20 ft	VMP-54-20-072518	7/25/2018	<0.02	U		<0.014	U		<0.0059	U		<0 0049	U		<0.017	U		<0.012	U		<0.0059	U		<0 0051	U	
		VMP-54-20-102418	10/24/2018	0.0015	J		0 04			<0.0058	U		<0 0048	U		<0.017	U		0.003	J		<0.0058	U		<0.005	U	
		VMP-54-20-011819	1/18/2019	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0047	U	
		VMP-54-20-042419	4/24/2019	<0.018	U		<0.013	U		<0.0055	U		<0 0046	ND,UJ	UJ	<0.016	U		<0.011	U		<0.0055	U		<0 0048	U	
	30 ft	VMP-54-30-072518	7/25/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		<0.012	U		<0 006	U		<0 0052	U	
		VMP-54-30-102418	10/24/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
		VMP-54-30-011819	1/18/2019	<0.018	U		0.0046	J		<0.0054	U		<0 0045	U		<0.016	U		0.0035	J		<0.0054	U		<0 0047	U	
		VMP-54-30-042419	4/24/2019	<0.018	U		0.0048	J		0 002	J		<0 0045	ND,UJ	UJ	<0.016	U		0.0037	J		0.0053	J		<0 0047	U	
VMP-56	10 ft	VMP-56-10-072618	7/26/2018	<0.02	U		0.1			<0.0061	U		<0 0051	U		<0.018	U		0.0097	J		<0.0061	U		0.0011	J	
		VMP-56-10-102918	10/29/2018	<0.019	U		<0.014	U		<0.0057	U		<0 0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.005	U	
		VMP-56-10-012819	1/28/2019	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		0.0029	J		0.0012	J		<0 0052	U	
		VMP-56-10-050119	5/1/2019	<0.019	U		1			<0.0058	U		<0 0048	U		<0.017	U		0.0033	J		<0.0058	U		<0.005	U	
	25 ft	VMP-56-25-072618	7/26/2018	<0.02	U		<0.014	U		0.0029	J		<0.005	U		<0.018	U		0.018			<0 006	U		<0 0052	U	
		VMP-56-25-102918	10/29/2018	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0 0052	U	
		VMP-56-25-012819	1/28/2019	<0.018	U		0.008	J		<0.0056	U		<0 0046	U		<0.016	U		0.0026	J		<0.0056	U		<0 0048	U	
		VMP-56-25-012819-DUP	1/28/2019	<0.019	U		0.0076	J		<0.0056	U		<0 0047	U		<0.016	U		0.0034	J		<0.0056	U		<0 0049	U	
		VMP-56-25-050119	5/1/2019	<0.019	U		<0.014	U		<0.0057	U		<0 0047	U		<0.017	U		0.0031	J		<0.0057	U		<0 0049	U	
	38.5 ft	VMP-56-38.5-072618	7/26/2018	<210	U		50000			17	J		<53	U		<47	U		<130	U		30	J		<55	U	
		VMP-56-38.5-102918	10/29/2018	<39	U	UJ	42000			10	J		<9.7	U		<8 6	U		<23	U		14			<10	U	
		VMP-56-38.5-012819	1/28/2019	<1400	U		22000			<440	U		<1400	U		<320	U		130	J		<440	U		<380	U	
		VMP-56-38.5-050119	5/1/2019	<810	U		40000			30	J		<200	U		<180	U		<490	U		39	J		<210	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene		
										600						3700									1400		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-072418	7/24/2018	<0.02	U		<0.015	U		<0.0061	U		<0 0051	U		<0.018	U		0.0092	J		<0.0061	U		<0 0053	U	
		VMP-62-5-102418	10/24/2018	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0047	U	
		VMP-62-5-012819	1/28/2019	<0.019	U		<0.014	U		<0.0057	U		<0 0048	U		<0.017	U		0.002	J		<0.0057	U		<0 0049	U	
		VMP-62-5-042619	4/26/2019	<0.02	U		0.0032	J		<0.0059	U		<0.005	U		<0.017	U		0.0031	J		<0.0059	U		<0 0052	U	
	10 ft	VMP-62-10-072418	7/24/2018	<0.021	U		0 01	J		<0.0062	U		<0 0052	U		<0.018	U		0.005	J		<0.0062	U		<0 0054	U	
		VMP-62-10-102418	10/24/2018	<0.017	U		<0.012	U		<0.0052	U		<0 0043	U		<0.015	U		0.02			<0.0052	U		<0 0045	U	
		VMP-62-10-012819	1/28/2019	<0.018	U		0.0021	J		<0.0056	U		<0 0046	U		<0.016	U		0.054			<0.0056	U		<0 0048	U	
		VMP-62-10-042619	4/26/2019	<0.022	U		<0.016	U		<0.0066	U		<0 0055	U		<0.019	U		0.0024	J		<0.0066	U		<0 0057	U	
	20 ft	VMP-62-20-072418	7/24/2018	0.0021	J		<0.014	U		<0 006	U		<0.005	U		<0.018	U		<0.012	U		0.00081	J		<0 0052	U	
		VMP-62-20-102418	10/24/2018	<0.019	U		0 01	J		<0.0056	U		<0 0047	U		<0.016	U		0.0086	J		<0.0056	U		<0 0048	U	
		VMP-62-20-012819	1/28/2019	<0.018	U		0.012	J		<0.0055	U		<0 0046	U		<0.016	U		<0.011	U		<0.0055	U		<0 0047	U	
		VMP-62-20-042619	4/26/2019	<0.02	U		0.0036	J		<0.0061	U		<0.005	U		<0.018	U		0.0024	J		0.0012	J		<0 0053	U	
	30 ft	VMP-62-30-072418	7/24/2018	<0.021	U		0.022			<0.0064	U		<0 0053	U		<0.019	U		<0.013	U		<0.0064	U		<0 0056	U	
		VMP-62-30-102418	10/24/2018	<0.019	U		<0.014	U		<0.0056	U		<0 0047	U		<0.016	U		0.0031	J		<0.0056	U		<0 0049	U	
		VMP-62-30-102418-DUP	10/24/2018	<0.019	U		<0.014	U		<0.0056	U		<0 0047	U		<0.016	U		<0.011	U		<0.0056	U		<0 0049	U	
		VMP-62-30-020519	2/5/2019	<0.021	U		0.004	J		0.0019	J		<0 0052	U		<0.018	U		0.018			0.0067			<0 0054	U	
		VMP-62-30-042619	4/26/2019	<0.019	U		<0.014	U		<0.0058	U		<0 0049	U		<0.017	U		0.0026	J		<0.0058	U		<0 0051	U	
		VMP-62-30-042619-DUP	4/26/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0 0052	U	
VMP-63	5 ft	VMP-63-5-071918	7/19/2018	<0.02	U		0.031			<0.0059	U		<0.005	U		<0.017	U		0.0019	J		<0.0059	U		<0 0052	U	
		VMP-63-5-102218	10/22/2018	<0.018	U		<0.013	U		<0.0055	U		<0 0046	U		<0.016	U		0.0048	J		<0.0055	U		<0 0048	U	
		VMP-63-5-012919	1/29/2019	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0047	U	
		VMP-63-5-042519	4/25/2019	<0.02	U		<0.015	U		<0.0061	U		<0 0051	U		<0.018	U		<0.012	U		<0.0061	U		<0 0053	U	
	10 ft	VMP-63-10-071918	7/19/2018	<0.017	U		<0.012	U		<0.0051	U		<0 0043	U		<0.015	U		0.0039	J		0.0016	J		<0 0044	U	
		VMP-63-10-102218	10/22/2018	<0.019	U		<0.013	U		<0.0056	U		<0 0047	U		<0.016	U		<0.011	U		<0.0056	U		<0 0048	U	
		VMP-63-10-012919	1/29/2019	<0.018	U		<0.013	U		<0.0053	U		<0 0044	U		<0.016	U		0.0055	J		<0.0053	U		<0 0046	U	
		VMP-63-10-042519	4/25/2019	<0.02	U		<0.015	U		0.0027	J		<0 0051	U		<0.018	U		0.008	J		0.007			<0 0053	U	
	20 ft	VMP-63-20-071918	7/19/2018	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0043	J		<0.0059	U		<0 0052	U	
		VMP-63-20-102218	10/22/2018	<0.018	U		0.027			<0.0055	U		<0 0046	U		<0.016	U		<0.011	U		<0.0055	U		<0 0048	U	
		VMP-63-20-012919	1/29/2019	<0.017	U		<0.012	U		<0.0051	U		<0 0043	U		<0.015	U		<0 01	U		<0.0051	U		<0 0044	U	
		VMP-63-20-022719R	2/27/2019	<0.019	U		<0.014	U		<0.0057	U		<0 0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.005	U	
		VMP-63-20-042519	4/25/2019	<0.019	U		<0.014	U		<0.0058	U		<0 0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
		VMP-63-20-042519-DUP	4/25/2019	<0.019	U		<0.013	U		<0.0056	U		<0 0047	U		<0.016	U		<0.011	U		<0.0056	U		<0 0048	U	
	30 ft	VMP-63-30-071918	7/19/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0049	U		<0.017	U		0.0028	J		<0.0058	U		<0 0051	U	
		VMP-63-30-071918-DUP	7/19/2018	<0.019	U		<0.014	U		<0.0057	U		<0 0048	U		<0.017	U		0.011	J		<0.0057	U		<0.005	U	
		VMP-63-30-102218	10/22/2018	<0.018	U		0.0034	J		<0.0053	U		<0 0044	U		<0.016	U		<0.011	U		<0.0053	U		<0 0046	U	
		VMP-63-30-102218-DUP	10/22/2018	<0.018	U		0.0029	J		<0.0056	U		<0 0046	U		<0.016	U		0.0026	J		<0.0056	U		<0 0048	U	
		VMP-63-30-020419	2/4/2019	<0.019	U		0.0043	J		0.00072	J		<0 0048	U		<0.017	U		0.002	J		0.002	J		<0.005	U	
		VMP-63-30-050319	5/3/2019	<0.02	U		0.0047	J		<0.0059	U		<0 0049	U		<0.017	U		<0.012	U		0.0035	J		<0 0051	U	
VMP-64	5 ft	VMP-64-5-072318	7/23/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		<0.012	U		<0 006	U		<0 0052	U	
		VMP-64-5-102518	10/25/2018	<0.019	U		<0.014	U		<0.0057	U		<0 0048	U		<0.017	U		<0.011	U		<0.0057	U		<0 0049	U	
		VMP-64-5-012119	1/21/2019	<0.019	U		<0.014	U		<0.0056	U		<0 0047	U		<0.016	U		0.0092	J		<0.0056	U		<0 0049	U	
		VMP-64-5-042619	4/26/2019	<0.019	U		<0.014	U		<0.0057	U		<0 0048	U		<0.017	U		0.024			<0.0057	U		<0.005	U	
	10 ft	VMP-64-10-072318	7/23/2018	<0.018	U		<0.013	U		<0.0055	U		<0 0046	U		<0.016	U		0.0025	J		<0.0055	U		<0 0048	U	
		VMP-64-10-102518	10/25/2018	<0.019	U		<0.014	U		<0.0058	U		<0 0049	U		<0.017	U		<0.012	U		<0.0058	U		<0 0051	U	
		VMP-64-10-012119	1/21/2019	<0.019	U		<0.014	U		<0.0058	U		<0 0049	U		<0.017	U		<0.012	U		<0.0058	U		<0 0051	U	
		VMP-64-10-042619	4/26/2019	<0.019	U		<0.014	U		<0.0057	U		<0 0048	U		<0.017	U		0.0034	J		<0.0057	U		<0.005	U	
	20 ft	VMP-64-20-072318	7/23/2018	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0.018	U		0.0028	J		<0 006	U		<0 0052	U	
		VMP-64-20-102518	10/25/2018	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0046	U	
		VMP-64-20-102518-DUP	10/25/2018	<0.018	U		<0.013	U		<0.0054	U		<0 0045	U		<0.016	U		<0.011	U		<0.0054	U		<0 0046	U	
		VMP-64-20-012119	1/21/2019	<0.018	U		0.004	J		<0.0055	U		<0 0046	U		<0.016	U		0.0024	J		<0.0055	U		<0 0048	U	
		VMP-64-20-042619	4/26/2019	<0.019	U		<0.014	U		<0.0056	U		<0 0047	U		<0.016	U		0.0068	J		<0.0056	U		<0 0049	U	

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

Location	Depth	Sample ID	Sample Date	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							0.55						6200			5.4			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-071818	7/18/2018	<0.0082	U		<0.0081	U		<0.0035	U		<0 0045	U		<0.036	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-1-5-102218	10/22/2018	<0.0088	U		<0.0087	U		<0.0038	U		<0 0048	U		<0.038	U		<0.007	U		<0 007	U		<0 0069	U	
		VMP-1-5-012319	1/23/2019	<0.0074	U		<0.0073	U		<0.0032	U		<0 0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0 0058	U	
		VMP-1-5-043019	4/30/2019	<0.0088	U		<0.0087	U		<0.0038	U		0.0026	J		<0.038	U		<0.007	U		<0 007	U		<0 0069	U	
	8.5 ft	VMP-1-8.5-071818	7/18/2018	<0.0088	U		<0.0088	U		<0.0038	U		<0 0049	U		<0.038	U		<0.007	U		<0 007	U		<0 0069	U	
		VMP-1-8.5-102218	10/22/2018	<0.0077	U		<0.0076	U		<0.0033	U		<0 0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-1-8.5-012319	1/23/2019	<0.0075	U		<0.0074	U		<0.0032	U		<0 0041	U		<0.032	U		<0.0059	U		<0.0059	U		0.0027	J	
		VMP-1-8.5-043019	4/30/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
	23.5 ft	VMP-1-23.5-071818	7/18/2018	<0.0089	U		<0.0088	U		<0.0038	U		<0 0049	U		<0.038	U		<0.0071	U		<0.0071	U		0 012		
		VMP-1-23.5-102218	10/22/2018	<0.0082	U		<0.0081	U		<0.0035	U		<0 0045	U		<0.036	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-1-23.5-102218-DUP	10/22/2018	<0.0083	U		<0.0082	U		<0.0036	U		<0 0045	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-1-23.5-012319	1/23/2019	<0.0074	U		<0.0073	U		<0.0032	U		0.00096	J		<0.032	U		<0.0059	U		<0.0059	U		<0 0058	U	
		VMP-1-23.5-012319-DUP	1/23/2019	<0.0073	U		<0.0072	U		<0.0031	U		0.00091	J		<0.032	U		<0.0058	U		<0.0058	U		<0 0057	U	
		VMP-1-23.5-043019	4/30/2019	<0.0082	U		<0.0081	U		<0.0035	U		0.0019	J		<0.036	U		<0.0065	U		<0.0065	U		<0 0064	U	
VMP-2	5 ft	VMP-2-5-072418	7/24/2018	<0.0081	U		0.027			<0.0035	U		0.0006	J		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-2-5-102418	10/24/2018	<0.0083	U		0.0065	J		<0.0036	U		0.012			<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-2-5-012319	1/23/2019	<0.0073	U		0.0013	J		<0.0032	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U		<0 0058	U	
		VMP-2-5-042619	4/26/2019	<0.0085	U		0.0033	J		<0.0036	U		0.0022	J		<0.037	U		<0.0067	U		<0.0067	U		<0 0066	U	
	8.5 ft	VMP-2-8.5-072418	7/24/2018	<0.0078	U		0.021			<0.0033	U		<0 0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0061	U	
		VMP-2-8.5-102418	10/24/2018	<0.0081	U		0.016			<0.0035	U		<0 0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-2-8.5-012319	1/23/2019	<0.0076	U		0.0047	J		<0.0033	U		<0 0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-2-8.5-042619	4/26/2019	<0.0083	U		0.004	J		<0.0036	U		0.17			<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
	22 ft	VMP-2-22-072418	7/24/2018	<0.0085	U		0.011			<0.0036	U		<0 0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0 0067	U	
		VMP-2-22-072418-DUP	7/24/2018	<0.0082	U		0.012			<0.0035	U		0.00068	J		<0.036	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-2-22-102418	10/24/2018	<0.0074	U		0.013			<0.0032	U		<0 0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0 0058	U	
		VMP-2-22-102418-DUP	10/24/2018	<0.0081	U		0.013			<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-2-22-012319	1/23/2019	<0.0076	U		0.008			<0.0032	U		<0 0042	U		<0.033	U		<0.006	U		<0 006	U		<0 0059	U	
		VMP-2-22-042619	4/26/2019	<0.0086	U		0.0062	J		<0.0037	U		<0 0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0 0068	U	
		VMP-2-22-042619-DUP	4/26/2019	<0.0082	U		0.0064	J		<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
VMP-3	5 ft	VMP-3-5-072318	7/23/2018	<0.0088	U		<0.0086	U		<0.0038	U		<0 0048	U		<0.038	U		<0.007	U		<0 007	U		0.0014	J	
		VMP-3-5-102918	10/29/2018	<0.0081	U		<0.008	U		<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-3-5-012419	1/24/2019	<0.0079	U		<0.0078	U		<0.0034	U		0.0052			<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
		VMP-3-5-042919	4/29/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0 0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0062	U	
	10 ft	VMP-3-10-072318	7/23/2018	<0.0084	U		<0.0083	U		<0.0036	U		0.0031	J		<0.036	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-3-10-102918	10/29/2018	<0.0077	U		<0.0076	U		<0.0033	U		<0 0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-3-10-020119	2/1/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0 0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-3-10-042919	4/29/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0 0045	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
	22 ft	VMP-3-22-072318	7/23/2018	<0.0087	U		<0.0086	U		0.0012	J		<0 0048	U		<0.038	U		<0.0069	U		<0.0069	U		<0 0068	U	
		VMP-3-22-102918	10/29/2018	<0.0079	U		<0.0078	U		<0.0034	U		0.0086			<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
		VMP-3-22-012419	1/24/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0 0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-3-22-042919	4/29/2019	<0.0083	U		<0.0082	U		<0.0036	ND,UJ	UJ	<0 0045	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
	31.5 ft	VMP-3-31.5-072318	7/23/2018	<0.0086	U		<0.0085	U		0.0071			0.00085	J		<0.037	U		<0.0068	U		<0.0068	U		<0 0067	U	
		VMP-3-31.5-102918	10/29/2018	<0.0082	U		0.0016	J		<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-3-31.5-012419	1/24/2019	<0.0077	U		0.0021	J		<0.0033	U		<0 0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-3-31.5-042919	4/29/2019	<0.0082	U		<0.0081	U		<0.0035	ND,UJ	UJ	0.07			<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
	39 ft	VMP-3-39-072318	7/23/2018	<0.0094	U		<0.0092	U		<0 004	U		0.001	J		<0.04	U		<0.0074	U		<0.0074	U		<0 0073	U	
		VMP-3-39-102918	10/29/2018	<0.0083	U		<0.0082	U		<0.0036	U		<0 0045	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-3-39-012419	1/24/2019	<0.0072	U		<0.0071	U		<0.0031	U		<0.004	U		<0.031	U		<0.0057	U		<0.0057	U		<0 0056	U	
		VMP-3-39-012419-DUP	1/24/2019	<0.0071	U		<0.007	U		<0 003	U		<0 0039	U		<0.031	U		<0.0056	U		<0.0056	U		<0 0056	U	
VMP-4	5 ft	VMP-4-5-072318	7/23/2018	<0.0084	U		<0.0083	U		<0.0036	U		0.00098	J		<0.036	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-4-5-102918	10/29/2018	<0.0084	U		<0.0083	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0066	U	
		VMP-4-5-012119	1/21/2019	<0.0078	U		<0.0077	U		<0.0033	U		<0 0042	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0061	U	
		VMP-4-5-043019	4/30/2019	<0.0084	U		<0.0083	U		<0.0036	U		0.0023	J		<0.036	U		<0.0067	U		<0.0067	U		<0 0066	U	
	12 ft	VMP-4-12-072318	7/23/2018	<0.0083	U		<0.0082	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-4-12-102918	10/29/2018	<0.0086	U		<0.0085	U		<0.0037	U		<0 0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0 0068	U	
		VMP-4-12-012119	1/21/2019	<0.0074	U		<0.0073	U		<0.0032	U		<0 0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0 0058	U	
		VMP-4-12-043019	4/30/2019	<0.0095	U		<0.0094	U		<0.0041	U		<0 0052	U		<0.041	U		<0.0076	U		<0.0076	U		<0 0075	U	
	23.5 ft	VMP-4-23.5-072318	7/23/2018	0.0033	J		<0.0086	U		<0.0037	U		0.0024	J		<0.038	U		<0.0069	U		<0.0069	U		<0 0068	U	
		VMP-4-23.5-072318-DUP	7/23/2018	<0.0084	U		<0.0083	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0066	U	
		VMP-4-23.5-102918	10/29/2018	<0.0082	U		<0.0081	U		<0.0035	U		<0 0045	U		<0.036	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-4-23.5-012119	1/21/2019	<0.0071	U		<0.007	U		<0.0031	U		<0 0039	U		<0.031	U		<0.0057	U		<0.0057	U		<0 0056	U	
		VMP-4-23.5-043019	4/30/2019	<0.0087	U		<0.0086	U		<0.0037	U		0.0008	J		<0.038	U		<0.0069	U		<0.0069	U		<0 0068	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							0.55						6200			5.4			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-5	5 ft	VMP-5-5-071818	7/18/2018	<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U		<0 0071	U	
		VMP-5-5-101918	10/19/2018	<0.0078	U		<0.0077	U		<0.0033	U		0.0015	J		<0.034	U		<0.0062	U		<0.0062	U		<0 0061	U	
		VMP-5-5-012219	1/22/2019	<0.0071	U		<0.007	U		<0.0031	U		0.68			<0.031	U		<0.0057	U		<0.0057	U		<0 0056	U	
		VMP-5-5-050119	5/1/2019	<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U		<0 0071	U	
	12.5 ft	VMP-5-12.5-071818	7/18/2018	<0.0085	U		<0.0084	U		<0.0036	U		0.0069			<0.037	U		<0.0068	U		<0.0068	U		<0 0067	U	
		VMP-5-12.5-101918	10/19/2018	<0.0076	U		<0.0075	U		<0.0033	U		<0 0042	U		<0.033	U		<0.006	U		<0 006	U		<0.006	U	
		VMP-5-12.5-012219	1/22/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0 0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-5-12.5-050119	5/1/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0 0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0 0068	U	
	31 ft	VMP-5-31-071818	7/18/2018	<0.0087	U		<0.0086	U		<0.0037	U		<0 0048	U		<0.038	U		<0.0069	U		<0.0069	U		<0 0068	U	
		VMP-5-31-101918	10/19/2018	<0.0079	U		<0.0078	U		<0.0034	U		<0 0043	U		<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
		VMP-5-31-012219	1/22/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0 0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-5-31-050119	5/1/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0 0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0 0067	U	
	40 ft	VMP-5-40-071818	7/18/2018	<0.0086	U		<0.0085	U		<0.0037	U		<0 0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0 0067	U	
		VMP-5-40-101918	10/19/2018	<0.008	U		<0.0079	U		<0.0034	U		<0 0044	J	U	<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-5-40-020419	2/4/2019	<0.0085	U		<0.0084	U		<0.0036	U		0.0027	J		<0.037	U		<0.0068	U		<0.0068	U		<0 0067	U	
		VMP-5-40-050119	5/1/2019	<0.0077	U		<0.0076	U		<0.0033	U		0.0019	J		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
VMP-6	5 ft	VMP-6-5-071918	7/19/2018	<0.0083	U		<0.0082	U		<0.0036	U		0.0021	J		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-6-5-102218	10/22/2018	<0.0088	U		<0.0087	U		<0.0038	U		0.0017	J		<0.038	U		<0.007	U		<0.007	U		<0 0069	U	
		VMP-6-5-013119	1/31/2019	<0.0074	U		<0.0073	U		<0.0032	U		0.073			<0.032	U		<0.0059	U		<0.0059	U		<0 0058	U	
		VMP-6-5-042519	4/25/2019	<0.0078	U		<0.0077	U		<0.0033	U		<0 0042	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0061	U	
	10 ft	VMP-6-10-071918	7/19/2018	<0.0085	U		<0.0084	U		<0.0036	U		0.00064	J		<0.037	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-6-10-102218	10/22/2018	<0.008	U		<0.0079	U		<0.0034	U		0.0032	J		<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-6-10-012219	1/22/2019	<0.0076	U		<0.0075	U		<0.0032	U		0.00074	J		<0.033	U		<0.006	U		<0 006	U		<0 0059	U	
		VMP-6-10-042519	4/25/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0 0045	U		<0.036	U		<0.0065	U		<0.0065	U		<0 0064	U	
	31.5 ft	VMP-6-31.5-071918	7/19/2018	<0.0083	U		<0.0082	U		<0.0036	U		0.0068			<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-6-31.5-102218	10/22/2018	<0.0082	U		<0.0081	U		<0.0035	U		<0 0045	U		<0.036	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-6-31.5-020119	2/1/2019	<0.015	U		<0.015	U		<0.0066	U		2			<0.067	U		<0.012	U		<0.012	U		<0.012	U	
		VMP-6-31.5-042519	4/25/2019	<0.0089	U		<0.0088	U		<0.0038	U		1.5			<0.038	U		<0.0071	U		<0.0071	U		<0.007	U	
	39 ft	VMP-6-39-071918	7/19/2018	<0.0085	U		0.0032	J		<0.0036	U		0.00082	J		<0.037	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-6-39-102218	10/22/2018	<0.008	U		<0.0079	U		<0.0034	U		<0 0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-6-39-012219	1/22/2019	<0.0076	U		<0.0075	U		<0.0033	U		0.0012	J		<0.033	U		<0.006	U		<0 006	U		<0.006	U	
		VMP-6-39-042519	4/25/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
VMP-7	5 ft	VMP-7-5-071918	7/19/2018	<0.0083	U		<0.0082	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-7-5-102218	10/22/2018	<0.0088	U		<0.0086	U		<0.0038	U		<0 0048	U		<0.038	U		<0.007	U		<0 007	U		0.0025	J	
		VMP-7-5-012219	1/22/2019	<0.0073	U		<0.0072	U		<0.0031	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U		<0 0057	U	
		VMP-7-5-042519	4/25/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0 0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0 0067	U	
	13.5 ft	VMP-7-13.5-071918	7/19/2018	<0.0082	U		<0.0081	U		<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-7-13.5-102218	10/22/2018	<0.0084	U		<0.0083	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-7-13.5-020119	2/1/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-7-13.5-042519	4/25/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
	29.5 ft	VMP-7-29.5-071918	7/19/2018	<0.0083	U		0.0088			<0.0036	U		<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-7-29.5-102218	10/22/2018	<0.0084	U		0.012			<0.0036	U		<0 0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-7-29.5-020119	2/1/2019	<0.008	U		0.012			<0.0034	U		<0 0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-7-29.5-042519	4/25/2019	<0.0097	U		0.0095	J		<0.0042	U		<0 0054	U		<0.042	U		<0.0077	U		<0.0077	U		<0 0076	U	
	38 ft	VMP-7-38-071918	7/19/2018	<0.0085	U		0.025			<0.0036	U		<0 0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-7-38-071918-DUP	7/19/2018	<0.0083	U		0.024			<0.0036	U		<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-7-38-102218	10/22/2018	<0.0093	U		0 02			<0 004	U		<0 0051	U		<0.04	U		<0.0074	U		<0.0074	U		<0 0073	U	
		VMP-7-38-012219	1/22/2019	<0.0072	U		0.018			<0.0031	U		<0.004	U		<0.031	U		<0.0057	U		<0.0057	U		<0 0056	U	
		VMP-7-38-042519	4/25/2019	<0.0088	U		0 02		J	<0.0038	U		<0 0048	U		<0.038	U		<0.007	U		<0 007	U		<0 0069	U	
		VMP-7-38-042519-DUP	4/25/2019	<0.0081	U		0.14		J	<0.0035	U		<0 0045	U		0.032	J		<0.0065	U		<0.0065	U		0.0033	J	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							0.55						6200			5.4			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-072518	7/25/2018	<0.0083	U		0.0018	J		<0.0036	U		0.0031	J		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-8-5-102418	10/24/2018	<0.0081	U		<0.008	U		<0.0035	U		0.0014	J		<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-8-5-011819	1/18/2019	<0.0072	U		<0.0071	U		<0.0031	U		0.0018	J		<0.031	U		<0.0057	U		<0.0057	U		<0 0056	U	
		VMP-8-5-042419	4/24/2019	<0.008	U		<0.0079	U		<0.0034	U	UJ	<0 0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0 0063	U	
	9.5 ft	VMP-8-9.5-072518	7/25/2018	<0.0088	U		<0.0087	U		<0.0038	U		<0 0048	U		<0.038	U		<0.007	U		<0 007	U		<0 0069	U	
		VMP-8-9.5-102418	10/24/2018	<0.0081	U		<0.008	U		<0.0035	U		<0 0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-8-9.5-011819	1/18/2019	<0.0074	U		<0.0073	U		<0.0032	U		0.0017	J		<0.032	U		<0.0059	U		<0.0059	U		<0 0058	U	
		VMP-8-9.5-042419	4/24/2019	<0.008	U		<0.0079	U		<0.0034	U	UJ	0.94			<0.034	U		<0.0064	U		<0.0064	U		<0 0063	U	
	23.5 ft	VMP-8-23.5-072518	7/25/2018	<0.0085	U		<0.0084	U		<0.0037	U		0.00082	J		<0.037	U		<0.0068	U		<0.0068	U		<0 0067	U	
		VMP-8-23.5-102418	10/24/2018	<0.0079	U		<0.0078	U		<0.0034	U		<0 0043	U		<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
		VMP-8-23.5-011819	1/18/2019	<0.008	U		<0.0079	U		<0.0034	U		0.0053			<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-8-23.5-022719R	2/27/2019	<0.0076	U		<0.0075	U		<0.0033	U		0.002	J		<0.033	U		<0.006	U		<0 006	U		<0.006	U	
		VMP-8-23.5-042419	4/24/2019	<0.008	U		<0.0079	U		<0.0034	U	UJ	<0 0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0 0063	U	
	35.5 ft	VMP-8-35.5-072518	7/25/2018	<0.0084	U		<0.0083	U		<0.0036	U		0.00088	J		<0.036	U		<0.0066	U		<0.0066	U		<0 0066	U	
		VMP-8-35.5-072518-DUP	7/25/2018	<0.0083	U		<0.0082	U		<0.0036	U		<0 0045	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-8-35.5-102418	10/24/2018	<0.008	U		<0.0079	U		<0.0034	U		<0 0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-8-35.5-011819	1/18/2019	<0.0071	U		<0.007	U		<0.0031	U		<0 0039	U		<0.031	U		<0.0057	U		<0.0057	U		<0 0056	U	
		VMP-8-35.5-042419	4/24/2019	<0.0082	U		<0.0081	U		<0.0035	U	UJ	0.0044	J		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-8-35.5-042419-DUP	4/24/2019	<0.0079	U		<0.0078	U		<0.0034	U	UJ	<0 0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0062	U	
VMP-9	5 ft	VMP-9-5-071918	7/19/2018	<0.0087	U		<0.0086	U		<0.0037	U		0.00075	J		<0.038	U		<0.0069	U		<0.0069	U		<0 0068	U	
		VMP-9-5-102318	10/23/2018	<0.0085	U		<0.0084	U		<0.0036	U		0.0013	J		<0.037	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-9-5-012519	1/25/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0 0041	U		<0.033	U		<0.006	U		<0 006	U		<0 0059	U	
		VMP-9-5-042419	4/24/2019	<0.0084	U		<0.0083	U		<0.0036	U	UJ	<0 0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0 0066	U	
	11.5 ft	VMP-9-11.5-071918	7/19/2018	<0.009	U		<0.0089	U		<0.0039	U		0.00085	J		<0.039	U		<0.0071	U		<0.0071	U		<0.007	U	
		VMP-9-11.5-102318	10/23/2018	<0.0084	U		<0.0083	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0066	U	
		VMP-9-11.5-013119	1/31/2019	<0.0074	U		<0.0073	U		<0.0032	U		<0.004	U		<0.032	U		<0.0059	U		<0.0059	U		<0 0058	U	
		VMP-9-11.5-042419	4/24/2019	<0.0085	U		<0.0084	U		<0.0036	U	UJ	0.0015	J		<0.037	U		<0.0068	U		<0.0068	U		<0 0067	U	
	25.5 ft	VMP-9-25.5-071918	7/19/2018	<0.0086	U		<0.0085	U		<0.0037	U		<0 0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0 0067	U	
		VMP-9-25.5-102318	10/23/2018	<0.0079	U		<0.0078	U		<0.0034	U		0.0022	J		<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
		VMP-9-25.5-011819	1/18/2019	<0.0073	U		<0.0072	U		<0.0032	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U		<0 0058	U	
		VMP-9-25.5-042419	4/24/2019	<0.0077	U		<0.0076	U		<0.0033	U	UJ	<0 0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
	38.5 ft	VMP-9-38.5-071918	7/19/2018	<0.0088	U		0.0029	J		<0.0038	U		0.026			<0.038	U		<0.007	U		<0 007	U		<0 0069	U	
		VMP-9-38.5-102318	10/23/2018	<0.0075	U		0.0029	J		<0.0032	U		0.0047			<0.032	U		<0.006	U		<0 006	U		<0 0059	U	
		VMP-9-38.5-011819	1/18/2019	<0.0073	U		0.0016	J		<0.0031	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U		<0 0057	U	
		VMP-9-38.5-011819-DUP	1/18/2019	<0.0074	U		0.002	J		<0.0032	U		<0 0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0 0058	U	
		VMP-9-38.5-042419	4/24/2019	<0.0083	U		<0.0082	U		<0.0036	U	UJ	<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-9-38.5-042419-DUP	4/24/2019	<0.0084	U		<0.0083	U		<0.0036	U	UJ	<0 0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0 0066	U	
VMP-18	8.5 ft	VMP-18-8.5-080718	8/7/2018	<0.008	U		<0.0079	U		<0.0034	U		<0 0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-18-8.5-102618	10/26/2018	<0.0078	U		<0.0077	U		<0.0033	U		<0 0042	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0061	U	
		VMP-18-8.5-012519	1/25/2019	<0.0081	U		<0.008	U		<0.0035	U		<0 0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-18-8.5-043019	4/30/2019	<0.0084	U		<0.0083	U		<0.0036	U		0.0011	J		<0.036	U		<0.0067	U		<0.0067	U		<0 0066	U	
VMP-19	5 ft	VMP-19-5-073018	7/30/2018	<0.008	U		<0.0079	U		<0.0034	U		0.00058	J		<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-19-5-073018-DUP	7/30/2018	<0.0077	U		<0.0076	U		<0.0033	U		0.00099	J		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-19-5-103118	10/31/2018	<0.0087	U		<0.0086	U		<0.0037	U		<0 0048	U		<0.038	U		<0.0069	U		<0.0069	U		<0 0068	U	
		VMP-19-5-103118-DUP	10/31/2018	<0.0075	U		<0.0074	U		<0.0032	U		<0 0041	U		<0.032	U		<0.006	U		<0 006	U		<0 0059	U	
		VMP-19-5-012219	1/22/2019	<0.0071	U		0.0018	J		<0 003	U		<0 0039	U		<0.03	U		<0.0056	U		<0.0056	U		<0 0055	U	
		VMP-19-5-043019	4/30/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0 0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0 0067	U	
		VMP-19-5-043019-Dup	4/30/2019	<0.0084	U		<0.0083	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0 0066	U	
VMP-20	5 ft	VMP-20-5-071818	7/18/2018	<0.0084	U		<0.0083	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0066	U	
		VMP-20-5-102418	10/24/2018	<0.0077	U		<0.0076	U		<0.0033	U		<0 0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-20-5-012119	1/21/2019	<0.35	U		<0.35	U		0.12	J		0.59			<1 5	U		<0 28	U		0 26	J		<0.28	U	
		VMP-20-5-042619	4/26/2019	<0.016	U		<0.016	U		<0 007	U		<0 0089	U		<0.07	U		<0.013	U		<0.013	U		<0.013	U	
	10 ft	VMP-20-10-071818	7/18/2018	<0.0083	U		<0.0082	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-20-10-102418	10/24/2018	<0.0078	U		<0.0077	U		<0.0033	U		<0 0042	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0061	U	
		VMP-20-10-012119	1/21/2019	<0.096	U		<0.095	U		<0 041	U		<0.053	U		<0.42	U		<0.077	U		<0 077	U		<0.076	U	
		VMP-20-10-042619	4/26/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0 0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0 0066	U	
	25 ft	VMP-20-25-071818	7/18/2018	<0.0083	U		<0.0082	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-20-25-102418	10/24/2018	<0.0076	U		<0.0076	U		<0.0033	U		<0 0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-20-25-012119	1/21/2019	<0.0072	U		<0.0071	U		<0.0031	U		<0.004	U		<0.031	U		<0.0057	U		<0.0057	U		<0 0056	U	
		VMP-20-25-012119-DUP	1/21/2019	<0.0072	U		<0.0071	U		<0.0031	U		<0 0039	U		<0.031	U		<0.0057	U		<0.0057	U		<0 0056	U	
		VMP-20-25-042619	4/26/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
	39.5 ft	VMP-20-39.5-071818	7/18/2018	<0.0084	U		<0.0083	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-20-39.5-071818-DUP	7/18/2018	<0.0088	U		0.004	J		<0.0038	U		<0 0049	U		<0.038	U		<0.007	U		<0 007	U		<0 0069	U	
		VMP-20-39.5-102418	10/24/2018	<0.0084	U		<0.0083	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-20-39.5-020519	2/5/2019	<0.0085	U		<0.0084	U		<0.0036	U		0.0099			<0.037	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-20-39.5-042619	4/26/2019	<0.0078	U		<0.0077	U		<0.0034	U		<0 0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0061	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							0.55						6200			5.4			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-21	5 ft	VMP-21-5-072318	7/23/2018	<0.0082	U		0.0034	J		<0.0035	U		<0 0045	U		<0.036	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-21-5-102318	10/23/2018	<0.0078	U		<0.0077	U		<0.0033	U		<0 0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0061	U	
		VMP-21-5-012119	1/21/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0 0041	U		<0.033	U		<0.006	U		<0 006	U		<0 0059	U	
		VMP-21-5-042619	4/26/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0 0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0 0066	U	
	10 ft	VMP-21-10-072318	7/23/2018	<0.0081	U		0.0036	J		<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-21-10-102318	10/23/2018	<0.0079	U		0.0068	J		<0.0034	U		<0 0043	U		<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
		VMP-21-10-012119	1/21/2019	<0.008	U		0.0016	J		<0.0034	U		<0 0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-21-10-042619	4/26/2019	<0.0085	U		0.0012	J		<0.0036	U		<0 0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0 0066	U	
	25 ft	VMP-21-25-072318	7/23/2018	<0.0079	U		<0.0078	U		<0.0034	U		0.0014	J		<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
		VMP-21-25-102318	10/23/2018	<0.0074	U		0.003	J		<0.0032	U		0.085			<0.032	U		<0.0059	U		<0.0059	U		<0 0058	U	
		VMP-21-25-012119	1/21/2019	<0.008	U		<0.0079	U		<0.0034	U		<0 0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
		VMP-21-25-042619	4/26/2019	<0.0083	U		<0.0082	U		<0.0036	U		0.0019	J		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
	33 ft	VMP-21-33-072318	7/23/2018	<0.0087	U		0.0056	J		<0.0037	U		0.001	J		<0.038	U		<0.0069	U		<0.0069	U		<0 0068	U	
		VMP-21-33-102318	10/23/2018	<0.0074	U		0.0045	J		<0.0032	U		<0.004	U		<0.032	U		<0.0059	U		<0.0059	U		<0 0058	U	
		VMP-21-33-102318-DUP	10/23/2018	<0.0074	U		0.0055	J		<0.0032	U		<0 0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0 0058	U	
		VMP-21-33-012119	1/21/2019	<0.0082	U		0.0051	J		<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-21-33-012119-DUP	1/21/2019	0.0038	J		0.0086			<0 003	U		0.0015	J		<0.03	U		<0.0056	U		<0.0056	U		<0 0055	U	
		VMP-21-33-042619	4/26/2019	<0.0083	U		0.0074	J		<0.0036	U		0.0025	J		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
VMP-22	5 ft	VMP-22-5-071818	7/18/2018	<0.0084	U		<0.0083	U		<0.0036	U		0.00088	J		<0.036	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-22-5-101918	10/19/2018	<0.0077	U		<0.0076	U		<0.0033	U		<0 0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-22-5-012819	1/28/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0 0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
		VMP-22-5-043019	4/30/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0 0043	U		<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
	10 ft	VMP-22-10-071818	7/18/2018	<0.0084	U		<0.0083	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0066	U	
		VMP-22-10-101918	10/19/2018	<0.008	U		<0.0079	U		<0.0034	U		<0 0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-22-10-012819	1/28/2019	<0.008	U		<0.0079	U		<0.0034	U		<0 0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
	18 ft	VMP-22-18-071818	7/18/2018	<0.0085	U		<0.0084	U		<0.0036	U		<0 0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0 0067	U	
		VMP-22-18-101918	10/19/2018	<0.0076	U		0.0029	J		<0.0032	U		<0 0042	U		<0.033	U		<0.006	U		<0 006	U		<0 0059	U	
		VMP-22-18-012819	1/28/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0 0042	U		<0.033	U		<0.006	U		<0 006	U		<0 0059	U	
		VMP-22-18-043019	4/30/2019	<0.008	U		<0.0079	U		<0.0034	U		<0 0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
	38 ft	VMP-22-38-071818	7/18/2018	<0.012	U		<0.011	U		<0 005	U		0.013		J	<0.05	U		<0.0092	U		<0.0092	U		<0 0091	U	
		VMP-22-38-071818-DUP	7/18/2018	<0.0085	U		<0.0084	U		<0.0036	U		<0 0046	U	UJ	<0.037	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-22-38-101918	10/19/2018	<0.0075	U		<0.0074	U		<0.0032	U		0.0072			<0.032	U		<0.006	U		<0 006	U		<0 0059	U	
		VMP-22-38-012819	1/28/2019	<0.008	U		<0.0079	U		<0.0034	U		<0 0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
		VMP-22-38-012819-DUP	1/28/2019	<0.0085	U		<0.0084	U		<0.0037	U		<0 0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0 0067	U	
		VMP-22-38-043019	4/30/2019	<0.008	U		0 01			<0.0034	U		0.063			<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
VMP-23	5 ft	VMP-23-5-071718	7/17/2018	<0.009	U		<0.0089	U		<0.0039	U		<0 0049	U		<0.039	U		<0.0071	U		<0.0071	U		<0.007	U	
		VMP-23-5-101918	10/19/2018	<0.0073	U		<0.0072	U		<0.0032	U		0.0028	J		<0.032	U		<0.0058	U		<0.0058	U		0.0014	J	
		VMP-23-5-012319	1/23/2019	<0.0077	U		0.005	J		<0.0033	U		<0 0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-23-5-042919	4/29/2019	<0.0084	U		<0.0083	U		<0.0036	ND,UJ	UJ	0.0035	J		<0.036	U		<0.0066	U		<0.0066	U		<0 0066	U	
	10 ft	VMP-23-10-071718	7/17/2018	<0.0086	U		<0.0085	U		<0.0037	U		<0 0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0 0068	U	
		VMP-23-10-101918	10/19/2018	<0.0084	U		<0.0083	U		<0.0036	U		0.0021	J		<0.036	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-23-10-012319	1/23/2019	<0.0075	U		<0.0074	U		<0.0032	U		<0 0041	U		<0.032	U		<0.006	U		<0 006	U		<0 0059	U	
		VMP-23-10-042919	4/29/2019	<0.0081	U		<0.008	U		<0.0035	ND,UJ	UJ	<0 0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
	25 ft	VMP-23-25-071718	7/17/2018	<0.0083	U		<0.0082	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-23-25-101918	10/19/2018	<0.008	U		<0.0079	U		<0.0034	U		<0 0044	J	U	<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
		VMP-23-25-012319	1/23/2019	<0.0078	U		<0.0077	U		<0.0033	U		<0 0042	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0061	U	
		VMP-23-25-042919	4/29/2019	<0.0081	U		<0.008	U		<0.0035	ND,UJ	UJ	<0 0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
	40 ft	VMP-23-40-071718	7/17/2018	<0.0085	U		<0.0084	U		<0.0036	U		<0 0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0 0067	U	
		VMP-23-40-071718-DUP	7/17/2018	<0.0084	U		<0.0083	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0066	U	
		VMP-23-40-101918	10/19/2018	<0.0076	U		<0.0075	U		<0.0033	U		<0 0042	U		<0.033	U		<0.006	U		<0 006	U		<0.006	U	
		VMP-23-40-101918-DUP	10/19/2018	<0.0075	U		<0.0074	U		<0.0032	U		<0 0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0 0058	U	
		VMP-23-40-012319	1/23/2019	<0.0074	U		<0.0073	U		<0.0032	U		<0.004	U		<0.032	U		<0.0059	U		<0.0059	U		<0 0058	U	
		VMP-23-40-012319-DUP	1/23/2019	<0.0075	U		<0.0074	U		<0.0032	U		<0 0041	U		<0.032	U		<0.006	U		<0 006	U		<0 0059	U	
		VMP-23-40-042919	4/29/2019	<0.009	U		<0.0088	U		<0.0038	ND,UJ	UJ	<0 0049	U		<0.039	U		<0.0071	U		<0.0071	U		<0.007	U	
		VMP-23-40-042919-DUP	4/29/2019	<0.0087	U		<0.0086	U		<0.0037	ND,UJ	UJ	<0 0048	U		<0.038	U		<0.0069	U		<0.0069	U		<0 0068	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							0.55						6200			5.4			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-072018	7/20/2018	<0.0081	U		<0.008	U		<0.0035	U		0.01			<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-24-5-102518	10/25/2018	<0.0079	U		<0.0078	U		<0.0034	U		<0 0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0062	U	
		VMP-24-5-012419	1/24/2019	<0.0075	U		<0.0074	U		<0.0032	U		<0 0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0 0058	U	
		VMP-24-5-012419-DUP	1/24/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0 0043	U		<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
		VMP-24-5-042419	4/24/2019	<0.0085	U		<0.0084	U		<0.0036	U	UJ	0.0029	J		<0.037	U		<0.0067	U		<0.0067	U		0 003	J	
	10 ft	VMP-24-10-072018	7/20/2018	<0.0081	U		0.012			<0.0035	U		0.0012	J		<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-24-10-102518	10/25/2018	<0.014	U		<0.014	U		<0.0061	U		<0 0078	U		<0.061	U		<0.011	U		<0 011	U		<0.011	U	
		VMP-24-10-012419	1/24/2019	<0.0075	U		0.0021	J		<0.0032	U		<0 0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0 0058	U	
		VMP-24-10-042419	4/24/2019	<0.0085	U		<0.0084	U		<0.0036	U	UJ	<0 0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0 0066	U	
	22 ft	VMP-24-22-072018	7/20/2018	<0.008	U		<0.0079	U		<0.0034	U		<0 0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-24-22-102518	10/25/2018	<0.0077	U		<0.0076	U		<0.0033	U		<0 0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-24-22-012419	1/24/2019	<0.0078	U		<0.0077	U		<0.0033	U		<0 0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0061	U	
		VMP-24-22-042419	4/24/2019	<0.0082	U		<0.0081	U		<0.0035	U	UJ	<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
	34 ft	VMP-24-34-072018	7/20/2018	<0.0083	U		<0.0082	U		<0.0036	U		0.012		J	<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-24-34-072018-DUP	7/20/2018	<0.0084	U		<0.0083	U		<0.0036	U		0.002	J	J	<0.036	U		<0.0066	U		<0.0066	U		<0 0066	U	
		VMP-24-34-102518	10/25/2018	<0.0076	U		0.0011	J		<0.0033	U		<0 0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-24-34-102518-DUP	10/25/2018	<0.0076	U		<0.0075	U		<0.0032	U		<0 0041	U		<0.033	U		<0.006	U		<0 006	U		<0 0059	U	
		VMP-24-34-012419	1/24/2019	<0.0072	U		<0.0072	U		<0.0031	U		<0.004	U		<0.031	U		<0.0058	U		<0.0058	U		<0 0057	U	
		VMP-24-34-042419	4/24/2019	<0.0083	U		<0.0082	U		<0.0036	U	UJ	<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
VMP-32	5 ft	VMP-32-5-072318	7/23/2018	<0.0082	U		<0.0081	U		<0.0035	U		0.012			<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-32-5-012319	1/23/2019	<0.0073	U		<0.0072	U		<0.0032	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U		<0 0058	U	
		VMP-32-5-043019	4/30/2019	<0.0083	U		<0.0082	U		<0.0036	U		0.091			<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
	10 ft	VMP-32-10-072318	7/23/2018	<0.0085	U		<0.0084	U		<0.0036	U		<0 0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-32-10-102518	10/25/2018	<0.0079	U		<0.0078	U		<0.0034	U		<0 0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
		VMP-32-10-012319	1/23/2019	<0.0073	U		<0.0072	U		<0.0031	U		0.009			<0.032	U		<0.0058	U		<0.0058	U		<0 0057	U	
		VMP-32-10-043019	4/30/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0 0045	U		<0.036	U		<0.0065	U		<0.0065	U		<0 0064	U	
	20 ft	VMP-32-20-072318	7/23/2018	<0.0085	U		<0.0084	U		<0.0036	U		<0 0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-32-20-102518	10/25/2018	<0.0079	U		<0.0078	U		<0.0034	U		<0 0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
		VMP-32-20-012319	1/23/2019	<0.0074	U		<0.0073	U		<0.0032	U		0.0039	J		<0.032	U		<0.0059	U		<0.0059	U		<0 0058	U	
		VMP-32-20-043019	4/30/2019	<0.008	U		<0.0079	U		<0.0034	U		<0 0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
	30 ft	VMP-32-30-072318	7/23/2018	<0.008	U		<0.0079	U		<0.0034	U		<0 0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-32-30-102518	10/25/2018	<0.0079	U		<0.0078	U		<0.0034	U		<0 0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0062	U	
		VMP-32-30-012319	1/23/2019	<0.0073	U		<0.0072	U		<0.0032	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U		<0 0058	U	
		VMP-32-30-050319	5/3/2019	<0.0074	U		<0.0073	U		<0.0032	U		0.056			<0.032	U		<0.0059	U		<0.0059	U		<0 0058	U	
VMP-42	10 ft	VMP-42-10-072318	7/23/2018	<0.0082	U		<0.0081	U		<0.0035	U		0.001	J		<0.036	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-42-10-102218	10/22/2018	<0.0081	U		<0.008	U		<0.0035	U		<0 0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-42-10-012519	1/25/2019	<0.0076	U		<0.0075	U		<0.0033	U		<0 0042	U		<0.033	U		<0.006	U		<0 006	U		<0.006	U	
		VMP-42-10-050119	5/1/2019	<0.0082	U		<0.0081	U		<0.0035	U		0.019			<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
	20 ft	VMP-42-20-072318	7/23/2018	<0.0086	U		<0.0085	U		<0.0037	U		<0 0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0 0067	U	
		VMP-42-20-102218	10/22/2018	<0.0086	U		<0.0085	U		<0.0037	U		<0 0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0 0068	U	
		VMP-42-20-020519	2/5/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0 0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0 0068	U	
		VMP-42-20-050119	5/1/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0 0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0 0067	U	
	30 ft	VMP-42-30-072318	7/23/2018	<0.0082	U		<0.0081	U		<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-42-30-072318-DUP	7/23/2018	<0.0081	U		<0.008	U		<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-42-30-102218	10/22/2018	<0.0079	U		<0.0078	U		<0.0034	U		0.02			<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
		VMP-42-30-112818	11/28/2018	<0.0072	U		<0.0071	U		<0.0031	U		0.0074			<0.031	U		<0.0057	U		<0.0057	U		<0 0056	U	
		VMP-42-30-012519	1/25/2019	<0.0073	U		<0.0072	U		<0.0031	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U		<0 0057	U	
		VMP-42-30-050119	5/1/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0 0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
VMP-43	10 ft	VMP-43-10-071818	7/18/2018	<0.0083	U		<0.0082	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-43-10-102918	10/29/2018	<0.0081	U		<0.008	U		<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-43-10-012919	1/29/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0 0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-43-10-042919	4/29/2019	<0.0082	U		<0.0081	U		<0.0035	ND,UJ	UJ	0.0042	J		<0.036	U		<0.0065	U		<0.0065	U		<0 0064	U	
	20 ft	VMP-43-20-071818	7/18/2018	<0.0087	U		<0.0086	U		<0.0037	U		<0 0048	U		<0.038	U		<0.0069	U		<0.0069	U		<0 0068	U	
		VMP-43-20-102918	10/29/2018	<0.0085	U		<0.0084	U		<0.0036	U		<0 0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-43-20-012919	1/29/2019	<0.0073	U		<0.0072	U		<0.0031	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U		<0 0057	U	
		VMP-43-20-042919	4/29/2019	<0.0086	U		<0.0085	U		<0.0037	ND,UJ	UJ	<0 0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0 0068	U	
	30 ft	VMP-43-30-071818	7/18/2018	<0.0088	U		<0.0086	U		<0.0038	U		0.00083	J		<0.038	U		<0.007	U		<0 007	U		<0 0068	U	
		VMP-43-30-102918	10/29/2018	<0.0083	U		<0.0082	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-43-30-012919	1/29/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0 0041	U		<0.033	U		<0.006	U		<0 006	U		<0 0059	U	
		VMP-43-30-012919-DUP	1/29/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0 0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-43-30-042919	4/29/2019	<0.0089	U		<0.0088	U		<0.0038	ND,UJ	UJ	<0 0049	U		<0.038	U		<0.0071	U		<0.0071	U		<0.007	U	

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

Location	Depth	Sample ID	Sample Date	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							0.55						6200			5.4			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-071818	7/18/2018	<0.0088	U		<0.0087	U		<0.0038	U		0.0084			<0.038	U		<0.007	U		<0 007	U		<0 0069	U	
		VMP-44-10-102518	10/25/2018	<0.0081	U		<0.008	U		<0.0035	U		<0 0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-44-10-012219	1/22/2019	<0.0071	U		<0.007	U		<0.0031	U		<0 0039	U		<0.031	U		<0.0057	U		<0.0057	U		<0 0056	U	
		VMP-44-10-042919	4/29/2019	<0.0081	U		<0.008	U		<0.0035	ND,UJ	UJ	<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
	20 ft	VMP-44-20-071818	7/18/2018	<0.0081	U		<0.008	U		<0.0035	U		<0 0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-44-20-102518	10/25/2018	<0.0078	U		<0.0077	U		<0.0034	U		<0 0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0061	U	
		VMP-44-20-020419	2/4/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-44-20-020419-DUP	2/4/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0 0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0 0068	U	
		VMP-44-20-042919	4/29/2019	<0.0083	U		<0.0082	U		<0.0036	ND,UJ	UJ	<0 0045	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
	30 ft	VMP-44-30-071818	7/18/2018	<0.0085	U		0.0074	J		<0.0036	U		0.0013	J		<0.037	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-44-30-102518	10/25/2018	<0.0082	U		<0.0081	U		<0.0035	U		<0 0045	U		<0.036	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-44-30-012219	1/22/2019	<0.0073	U		<0.0072	U		<0.0031	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U		<0 0057	U	
		VMP-44-30-042919	4/29/2019	<0.0084	U		<0.0083	U		<0.0036	ND,UJ	UJ	0.0033	J		<0.036	U		<0.0066	U		<0.0066	U		<0 0066	U	
VMP-45	10 ft	VMP-45-10-071918	7/19/2018	<0.0085	U		<0.0084	U		0 012			0.00089	J		<0.037	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-45-10-102518	10/25/2018	<0.0082	U		<0.0081	U		<0.0035	U		<0 0045	U		<0.036	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-45-10-012219	1/22/2019	<0.0081	U		<0.008	U		<0.0035	U		<0 0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-45-10-042519	4/25/2019	<0.0083	U		<0.0082	U		<0.0036	U		0.0018	J		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
	20 ft	VMP-45-20-071918	7/19/2018	<0.0084	U		<0.0083	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-45-20-102518	10/25/2018	<0.0079	U		<0.0078	U		<0.0034	U		<0 0043	U		<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
		VMP-45-20-012219	1/22/2019	<0.0075	U		<0.0074	U		<0.0032	U		<0 0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0 0058	U	
		VMP-45-20-042519	4/25/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0 0045	U		<0.036	U		<0.0065	U		<0.0065	U		<0 0064	U	
	30 ft	VMP-45-30-071918	7/19/2018	<0.0082	U		<0.0081	U		<0.0035	U		0.0006	J		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-45-30-102518	10/25/2018	<0.0082	U		<0.0081	U		<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-45-30-012219	1/22/2019	<0.0075	U		<0.0074	U		<0.0032	U		0.0021	J		<0.032	U		<0.006	U		<0 006	U		<0 0059	U	
		VMP-45-30-042519	4/25/2019	<0.0087	U		<0.0086	U		<0.0037	U		0.0028	J		<0.038	U		<0.0069	U		<0.0069	U		<0 0068	U	
		VMP-45-30-052819R	5/28/2019	<0.0091	U		<0.009	U		<0.0039	U		0.007			<0.039	U		<0.0072	U		<0.0072	U		<0 0071	U	
VMP-47	5 ft	VMP-47-5-071918	7/19/2018	<0.008	U		<0.0079	U		<0.0034	U		0.00067	J		<0.034	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-47-5-102318	10/23/2018	<0.0078	U		<0.0077	U		<0.0033	U		<0 0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0061	U	
		VMP-47-5-012919	1/29/2019	<0.0077	U		<0.0076	U		<0.0033	U		0.005			<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-47-5-042519	4/25/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0 0045	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
	10 ft	VMP-47-10-071918	7/19/2018	<0.0082	U		<0.0081	U		<0.0035	U		0.0029	J		<0.035	U		<0.0065	U		<0.0065	U		0.0021	J	
		VMP-47-10-102318	10/23/2018	<0.0081	U		0.0018	J		<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-47-10-012919	1/29/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-47-10-042519	4/25/2019	<0.0076	U		<0.0075	U		<0.0033	U		<0 0042	U		<0.033	U		<0.006	U		<0 006	U		<0.006	U	
	20 ft	VMP-47-20-071918	7/19/2018	<0.0082	U		<0.0081	U		<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-47-20-102318	10/23/2018	<0.0079	U		<0.0078	U		<0.0034	U		<0 0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
		VMP-47-20-012919	1/29/2019	<0.007	U		<0.007	U		<0 003	U		<0 0039	U		<0.03	U		<0.0056	U		<0.0056	U		<0 0055	U	
		VMP-47-20-042519	4/25/2019	<0.0087	U		<0.0086	U		<0.0037	U		<0 0048	U		<0.038	U		<0.0069	U		<0.0069	U		<0 0068	U	
	30 ft	VMP-47-30-071918	7/19/2018	<0.0083	U		<0.0082	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		0.0021	J	
		VMP-47-30-102318	10/23/2018	<0.0082	U		<0.0081	U		<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-47-30-050319	5/3/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0 0045	U		<0.036	U		<0.0065	U		<0.0065	U		<0 0064	U	
VMP-48	5 ft	VMP-48-5-072418	7/24/2018	<0.0076	U		<0.0076	U		<0.0033	U		<0 0042	U		<0.033	U		<0.0061	U		<0.0061	U		0.0021	J	
		VMP-48-5-102418	10/24/2018	<0.0082	U		<0.0081	U		<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-48-5-012319	1/23/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0 0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-48-5-042619	4/26/2019	<0.0085	U		<0.0084	U		<0.0036	U		0.00098	J		<0.037	U		<0.0067	U		<0.0067	U		<0 0066	U	
	10 ft	VMP-48-10-072418	7/24/2018	<0.0088	U		<0.0088	U		<0.0038	U		0.014			<0.038	U		0.00085	J		<0 007	U		0.0051	J	
		VMP-48-10-102418	10/24/2018	<0.0081	U		<0.008	U		<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-48-10-012319	1/23/2019	<0.0074	U		0.056			<0.0032	U		0.0016	J		<0.032	U		<0.0059	U		<0.0059	U		<0 0058	U	
		VMP-48-10-042619	4/26/2019	<0.0083	U		<0.0082	U		<0.0036	U		0.0029	J		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
	20 ft	VMP-48-20-102418	10/24/2018	<0.0084	U		<0.0083	U		<0.0036	U		<0 0046	U		<0.036	U		0.0012	J		<0.0067	U		<0 0066	U	
		VMP-48-20-012319	1/23/2019	<0.0072	U		<0.0072	U		<0.0031	U		<0.004	U		<0.031	U		<0.0058	U		<0.0058	U		<0 0057	U	
	30 ft	VMP-48-30-072418	7/24/2018	<0.0084	U		<0.0083	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-48-30-102418	10/24/2018	<0.0083	U		<0.0082	U		<0.0036	U		0.0056			<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-48-30-012319	1/23/2019	<0.0076	U		0.0025	J		<0.0033	U		<0 0042	U		<0.033	U		<0.006	U		<0 006	U		<0.006	U	
		VMP-48-30-042619	4/26/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							0.55						6200			5.4			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-49	5 ft	VMP-49-5-072018	7/20/2018	<0.0085	U		<0.0084	U		<0.0036	U		0.0013	J		<0.037	U		<0.0068	U		<0.0068	U		<0 0067	U	
		VMP-49-5-102318	10/23/2018	<0.0082	U		<0.0081	U		<0.0035	U		0.012			<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-49-5-020119	2/1/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0 0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-49-5-042919	4/29/2019	<0.0088	U		<0.0087	U		<0.0038	U		<0 0048	U		<0.038	U		<0.007	U		<0 007	U		<0 0069	U	
	10 ft	VMP-49-10-072018	7/20/2018	<0.0084	U		<0.0083	U		<0.0036	U		0.0026	J		<0.036	U		<0.0066	U		<0.0066	U		<0 0066	U	
		VMP-49-10-102318	10/23/2018	<0.0083	U		<0.0082	U		<0.0036	U		0.019			<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-49-10-012119	1/21/2019	<0.0072	U		<0.0071	U		<0.0031	U		<0.004	U		<0.031	U		<0.0057	U		<0.0057	U		<0 0056	U	
		VMP-49-10-042919	4/29/2019	<0.008	U		<0.0079	U		<0.0034	U		<0 0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
	20 ft	VMP-49-20-072018	7/20/2018	<0.0088	U		<0.0087	U		<0.0038	U		0.011			<0.038	U		<0.007	U		<0 007	U		<0 0069	U	
		VMP-49-20-102318	10/23/2018	<0.0085	U		<0.0084	U		<0.0036	U		<0 0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-49-20-012119	1/21/2019	<0.0072	U		<0.0072	U		<0.0031	U		<0.004	U		<0.031	U		<0.0058	U		<0.0058	U		<0 0057	U	
		VMP-49-20-042919	4/29/2019	<0.0081	U		<0.008	U		<0.0035	U		<0 0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
	30 ft	VMP-49-30-072018	7/20/2018	<0.0087	U		<0.0086	U		<0.0037	U		0.0014	J		<0.038	U		<0.0069	U		<0.0069	U		<0 0068	U	
		VMP-49-30-102318	10/23/2018	<0.0083	U		<0.0082	U		<0.0036	U		<0 0045	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-49-30-012119	1/21/2019	<0.0071	U		<0.007	U		<0.0031	U		<0 0039	U		<0.031	U		<0.0057	U		<0.0057	U		<0 0056	U	
		VMP-49-30-042919	4/29/2019	<0.0081	U		<0.008	U		<0.0035	U		0.004	J		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-49-30-042919-DUP	4/29/2019	<0.0088	U		<0.0086	U		<0.0038	U		<0 0048	U		<0.038	U		<0.007	U		<0 007	U		<0 0068	U	
VMP-50	5 ft	VMP-50-5-072618	7/26/2018	<0.0088	U		0 01			0 014			0.00073	J		<0.038	U		<0.007	U		<0 007	U		<0 0069	U	
		VMP-50-5-103018	10/30/2018	<0.0082	U		0.0021	J		<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-50-5-020519	2/5/2019	<0.0085	U		0.0013	J		<0.0036	U		<0 0046	U		<0.037	U		<0.0067	U		<0.0067	U		0.0084		
		VMP-50-5-042919	4/29/2019	<0.0081	U		<0.008	U		<0.0035	ND,UJ	UJ	0.0021	J		<0.035	U		<0.0064	U		<0.0064	U		<0 0063	U	
	10 ft	VMP-50-10-072618	7/26/2018	<0.0087	U		0.0096			<0.0037	U		<0 0048	U		<0.038	U		<0.0069	U		<0.0069	U		<0 0068	U	
		VMP-50-10-103018	10/30/2018	<0.0085	U		0.0052	J		<0.0036	U		<0 0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-50-10-012519	1/25/2019	<0.0076	U		<0.0075	U		<0.0033	U		<0 0042	U		<0.033	U		<0.006	U		<0 006	U		<0.006	U	
		VMP-50-10-042919	4/29/2019	<0.0088	U		0.0035	J		<0.0038	ND,UJ	UJ	<0 0048	U		<0.038	U		<0.007	U		<0 007	U		<0 0069	U	
	20 ft	VMP-50-20-072618	7/26/2018	<0.0088	U		0.0055	J		<0.0038	U		<0 0049	U		<0.038	U		<0.007	U		<0 007	U		<0 0069	U	
		VMP-50-20-103018	10/30/2018	<0.0088	U		0.0057	J		<0.0038	U		<0 0049	U		<0.038	U		<0.007	U		<0 007	U		<0 0069	U	
		VMP-50-20-020119	2/1/2019	<0.008	U		<0.0079	U		<0.0034	U		<0 0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-50-20-042919	4/29/2019	<0.0079	U		0.004	J		<0.0034	ND,UJ	UJ	0.98			<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
	30 ft	VMP-50-30-072618	7/26/2018	<0.17	U		<0.17	U		<0 072	U		0.026	J		<0.73	U		<0.13	U		<0.13	U		<0.13	U	
		VMP-50-30-103018	10/30/2018	<0.0082	U		<0.0081	U		<0.0035	U		0.061		J	<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-50-30-012519	1/25/2019	<0.15	U		<0.15	U		<0 066	U		<0.085	U		<0.67	U		<0.12	U		<0.12	U		<0.12	U	
		VMP-50-30-012519-DUP	1/25/2019	<0.14	U		<0.14	U		<0.06	U		<0.077	U		<0.61	U		<0.11	U		<0.11	U		<0.11	U	
		VMP-50-30-042919	4/29/2019	<0.084	U		<0.083	U		<0 036	ND,UJ	UJ	0.034	J		<0.36	U		<0.067	U		<0 067	U		<0.066	U	
VMP-51	5 ft	VMP-51-5-071718	7/17/2018	<0.009	U		<0.0089	U		<0.0039	U		0.00067	J		<0.039	U		<0.0071	U		<0.0071	U		0.0016	J	
		VMP-51-5-101918	10/19/2018	<0.0079	U		<0.0078	U		<0.0034	U		<0 0043	J	U	<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
		VMP-51-5-012319	1/23/2019	<0.0078	U		<0.0077	U		<0.0033	U		<0 0042	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0061	U	
		VMP-51-5-050119	5/1/2019	<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U		<0 0071	U	
	10 ft	VMP-51-10-071718	7/17/2018	<0.0088	U		0.0061	J		<0.0038	U		<0 0048	U		<0.038	U		<0.007	U		<0 007	U		<0 0069	U	
		VMP-51-10-101918	10/19/2018	<0.0076	U		0.0036	J		<0.0033	U		<0 0042	U		<0.033	U		<0.006	U		<0 006	U		<0.006	U	
		VMP-51-10-012319	1/23/2019	<0.0075	U		0.0025	J		<0.0032	U		<0 0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0 0058	U	
		VMP-51-10-050119	5/1/2019	<0.0079	U		<0.0078	U		<0.0034	U		0.071			<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
	20 ft	VMP-51-20-071718	7/17/2018	<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U		<0 0071	U	
		VMP-51-20-101918	10/19/2018	<0.0078	U		0.0014	J		<0.0034	U		0.0013	J		<0.034	U		<0.0062	U		<0.0062	U		<0 0061	U	
		VMP-51-20-012319	1/23/2019	<0.0073	U		<0.0072	U		<0.0032	U		0.0014	J		<0.032	U		<0.0058	U		<0.0058	U		<0 0058	U	
		VMP-51-20-050119	5/1/2019	<0.0075	U		<0.0074	U		<0.0032	U		<0 0041	U		<0.032	U		<0.006	U		<0 006	U		<0 0059	U	
	30 ft	VMP-51-30-071718	7/17/2018	<0.0087	U		<0.0086	U		<0.0037	U		0.0055			<0.038	U		<0.0069	U		<0.0069	U		<0 0068	U	
		VMP-51-30-071718-DUP	7/17/2018	<0.0086	U		<0.0085	U		<0.0037	U		<0 0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0 0067	U	
		VMP-51-30-101918	10/19/2018	<0.0075	U		0.0011	J		<0.0032	U		<0 0041	U		<0.032	U		<0.006	U		<0 006	U		<0 0059	U	
		VMP-51-30-101918-DUP	10/19/2018	<0.0078	U		<0.0077	U		<0.0033	U		<0 0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0061	U	
		VMP-51-30-012319	1/23/2019	<0.0072	U		<0.0071	U		<0.0031	U		0.00068	J		<0.031	U		<0.0057	U		<0.0057	U		<0 0056	U	
		VMP-51-30-050119	5/1/2019	<0.0093	U		<0.0092	U		<0 004	U		<0 0051	U		<0.04	U		<0.0074	U		<0.0074	U		<0 0073	U	
		VMP-51-30-050119-DUP	5/1/2019	<0.0084	U		<0.0083	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0 0066	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							0.55						6200			5.4			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-52	5 ft	VMP-52-5-072018	7/20/2018	<0.0082	U		0.0014	J		<0.0035	U		0.037			<0.036	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-52-5-102318	10/23/2018	<0.0072	U		<0.0072	U		<0.0031	U		0.00055	J		<0.031	U		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-52-5-013119	1/31/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
		VMP-52-5-050219	5/2/2019	<0.17	U		<0.17	U		<0.072	U		<0.093	U		<0.73	U		<0.13	U		<0.13	U		<0.13	U	
	10 ft	VMP-52-10-072018	7/20/2018	<0.0082	U		0.0034	J		<0.0035	U		0.0013	J		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-52-10-102318	10/23/2018	<0.0079	U		0.0015	J		<0.0034	U		0.0015	J		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U	
		VMP-52-10-013119	1/31/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
	20 ft	VMP-52-20-072018	7/20/2018	<0.0084	U		<0.0083	U		<0.0036	U		0.0026	J		<0.036	U		<0.0066	U		<0.0066	U		<0.0066	U	
		VMP-52-20-102318	10/23/2018	<0.0076	U		<0.0075	U		<0.0032	U		0.0092			<0.033	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-52-20-013119	1/31/2019	<0.0073	U		<0.0072	U		<0.0032	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U		<0.0058	U	
		VMP-52-20-013119-DUP	1/31/2019	<0.0073	U		<0.0072	U		<0.0031	U		<0.004	U		<0.031	U		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-52-20-050219	5/2/2019	<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U		<0.0068	U	
	30 ft	VMP-52-30-072018	7/20/2018	<0.0084	U		<0.0083	U		0.0034	J		0.0031	J		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-52-30-102318	10/23/2018	<0.007	U		<0.007	U		<0.003	U		0.00094	J		<0.03	U		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-52-30-102318-DUP	10/23/2018	<0.0074	U		<0.0073	U		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-52-30-013119	1/31/2019	<0.0071	U		<0.007	U		<0.003	U		<0.0039	U		<0.03	U		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-52-30-050219	5/2/2019	<0.0091	U		<0.009	U		<0.0039	U		0.0007	J		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
VMP-53	5 ft	VMP-53-5-072518	7/25/2018	<0.0085	U		<0.0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-53-5-102318	10/23/2018	<0.0081	U		0.009			<0.0035	U		0.013			<0.035	U		0.012			<0.0064	U		0.0027	J	
		VMP-53-5-011819	1/18/2019	<0.0072	U		<0.0071	U		<0.0031	U		<0.004	U		<0.031	U		<0.0057	U		0.00092	J		<0.0056	U	
		VMP-53-5-050319	5/3/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-53-5-050319-DUP	5/3/2019	<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
	10 ft	VMP-53-10-072518	7/25/2018	<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
		VMP-53-10-102318	10/23/2018	<0.008	U		<0.0079	U		<0.0034	U		0.00054	J		<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
		VMP-53-10-011819	1/18/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0.0042	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-53-10-050319	5/3/2019	<0.029	U		<0.028	U		<0.012	U		0.4			<0.12	U		<0.023	U		<0.023	U		<0.022	U	
	20 ft	VMP-53-20-072518	7/25/2018	<0.0086	U		<0.0085	U		<0.0037	U		0.0023	J		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-53-20-102318	10/23/2018	<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-53-20-011819	1/18/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-53-20-050319	5/3/2019	<0.93	U		<0.92	U		<0.4	U		<0.51	U		<4	ND,UJ		<0.74	U		<0.74	U		<0.72	U	
	30 ft	VMP-53-30-072518	7/25/2018	<0.0085	U		<0.0084	U		<0.0036	U		0.0015	J		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-53-30-102318	10/23/2018	<0.0084	U		0.0014	J		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-53-30-013119	1/31/2019	<0.0073	U		<0.0072	U		<0.0032	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U		<0.0058	U	
		VMP-53-30-050319	5/3/2019	<0.087	U		<0.086	U		<0.037	U		0.021	J		<0.38	U		<0.069	U		<0.069	U		<0.068	U	
VMP-54	5 ft	VMP-54-5-072518	7/25/2018	<0.0091	U		0.0054	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-54-5-102418	10/24/2018	<0.0084	U		0.0033	J		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-54-5-011819	1/18/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0.0042	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-54-5-042419	4/24/2019	<0.0078	U		<0.0077	U		<0.0034	U	UJ	<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0061	U	
	10 ft	VMP-54-10-072518	7/25/2018	<0.0088	U		0.003	J		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
		VMP-54-10-102418	10/24/2018	<0.0082	U		0.0037	J		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-54-10-011819	1/18/2019	<0.0074	U		<0.0073	U		<0.0032	U		<0.004	U		<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-54-10-042419	4/24/2019	<0.0091	U		<0.009	U		<0.0039	U	UJ	<0.005	U		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
	20 ft	VMP-54-20-072518	7/25/2018	<0.0083	U		0.0027	J		<0.0036	U		0.0018	J		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-54-20-102418	10/24/2018	<0.0081	U		0.0034	J		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-54-20-011819	1/18/2019	<0.0076	U		0.002	J		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-54-20-042419	4/24/2019	<0.0077	U		<0.0076	U		<0.0033	U	UJ	<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
	30 ft	VMP-54-30-072518	7/25/2018	<0.0084	U		0.0055	J		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-54-30-102418	10/24/2018	<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-54-30-011819	1/18/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-54-30-042419	4/24/2019	<0.0076	U		<0.0075	U		<0.0032	U	UJ	<0.0041	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U	
VMP-56	10 ft	VMP-56-10-072618	7/26/2018	<0.0085	U		<0.0084	U		<0.0037	U		0.017			<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-56-10-102918	10/29/2018	<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-56-10-012819	1/28/2019	<0.0084	U		<0.0083	U		<0.0036	U		0.0038	J		<0.036	U		<0.0066	U		<0.0066	U		<0.0066	U	
		VMP-56-10-050119	5/1/2019	<0.0081	U		<0.008	U		<0.0035	U		0.026			<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
	25 ft	VMP-56-25-072618	7/26/2018	<0.0084	U		0.006	J		<0.0036	U		0.0012	J		<0.036	U		<0.0067	U		<0.0067	U		0.0022	J	
		VMP-56-25-102918	10/29/2018	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-56-25-012819	1/28/2019	<0.0078	U		<0.0077	U		<0.0033	U		<0.0042	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0061	U	
		VMP-56-25-012819-DUP	1/28/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0063	U		<0.0063	U		0.0043	J	
		VMP-56-25-050119	5/1/2019	<0.0079	U		<0.0078	U		<0.0034	U		0.00094	J		<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
	38.5 ft	VMP-56-38.5-072618	7/26/2018	<89	U		<88	U		<38	U		3400	CN	J	<380	U		<71	U		<71	U		<70	U	
		VMP-56-38.5-102918	10/29/2018	<16	U		<16	U		<7	U	UJ	4100			<71	U		<13	U		<13	U		<13	U	
		VMP-56-38.5-012819	1/28/2019	<610	U		<600	U		<260	U		2800	CN	J	<2600	U		<480	U		<480	U		<480	U	
		VMP-56-38.5-050119	5/1/2019	<340	U		<340	U		<150	U		3700	CN	J	<1500	U		<270	U		<270	U		<270	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							0.55						6200			5.4			6600			170000			1.5		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-072418	7/24/2018	<0.0086	U		<0.0085	U		<0.0037	U		0.001	J		<0.037	U		<0.0068	U		<0.0068	U		<0 0067	U	
		VMP-62-5-102418	10/24/2018	<0.0075	U		<0.0074	U		<0.0032	U		0.0017	J		<0.032	U		<0.006	U		<0 006	U		<0 0059	U	
		VMP-62-5-012819	1/28/2019	<0.008	U		<0.0079	U		<0.0034	U		<0 0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
		VMP-62-5-042619	4/26/2019	<0.0083	U		<0.0082	U		<0.0036	U		0.0024	J		<0.036	U		<0.0066	U		<0.0066	U		0.0011	J	
	10 ft	VMP-62-10-072418	7/24/2018	<0.0086	U		0.0023	J		<0.0037	U		0.0062			<0.037	U		<0.0069	U		<0.0069	U		<0 0068	U	
		VMP-62-10-102418	10/24/2018	<0.0072	U		0.0019	J		<0.0031	U		<0.004	U		<0.031	U		<0.0058	U		<0.0058	U		<0 0057	U	
		VMP-62-10-012819	1/28/2019	<0.0078	U		<0.0077	U		<0.0033	U		<0 0042	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0061	U	
		VMP-62-10-042619	4/26/2019	<0.0092	U		<0.0091	U		<0 004	U		<0 0051	U		<0.04	U		<0.0073	U		<0.0073	U		<0 0072	U	
	20 ft	VMP-62-20-072418	7/24/2018	<0.0084	U		<0.0083	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0067	U		<0.0067	U		0.0047	J	
		VMP-62-20-102418	10/24/2018	<0.0078	U		<0.0077	U		<0.0034	U		0.004	J		<0.034	U		<0.0062	U		<0.0062	U		<0 0061	U	
		VMP-62-20-012819	1/28/2019	<0.0076	U		<0.0076	U		<0.0033	U		<0 0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-62-20-042619	4/26/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0 0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0 0066	U	
	30 ft	VMP-62-30-072418	7/24/2018	<0.009	U		<0.0088	U		<0.0038	U		0.00084	J		<0.039	U		<0.0071	U		<0.0071	U		<0.007	U	
		VMP-62-30-102418	10/24/2018	<0.0079	U		<0.0078	U		<0.0034	U		0.0045			<0.034	U		<0.0062	U		<0.0062	U		<0 0062	U	
		VMP-62-30-102418-DUP	10/24/2018	<0.0079	U		<0.0078	U		<0.0034	U		<0 0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0062	U	
		VMP-62-30-020519	2/5/2019	<0.0086	U		0.0012	J		<0.0037	U		<0 0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0 0068	U	
		VMP-62-30-042619	4/26/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-62-30-042619-DUP	4/26/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		0.0017	J	
VMP-63	5 ft	VMP-63-5-071918	7/19/2018	<0.0083	U		<0.0082	U		<0.0036	U		0.03			<0.036	U		<0.0066	U		<0.0066	U		<0 0065	U	
		VMP-63-5-102218	10/22/2018	<0.0077	U		<0.0076	U		<0.0033	U		<0 0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-63-5-012919	1/29/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0 0041	U		<0.033	U		<0.006	U		<0 006	U		<0 0059	U	
		VMP-63-5-042519	4/25/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0 0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0 0067	U	
	10 ft	VMP-63-10-071918	7/19/2018	<0.0072	U		<0.0071	U		<0.0031	U		0.0012	J		<0.031	U		<0.0057	U		<0.0057	U		<0 0056	U	
		VMP-63-10-102218	10/22/2018	<0.0078	U		<0.0077	U		<0.0034	U		<0 0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0061	U	
		VMP-63-10-012919	1/29/2019	<0.0074	U		<0.0073	U		<0.0032	U		<0 0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0 0058	U	
		VMP-63-10-042519	4/25/2019	<0.0086	U		<0.0085	U		<0.0037	U		0.042			<0.037	U		<0.0068	U		<0.0068	U		<0 0067	U	
	20 ft	VMP-63-20-071918	7/19/2018	<0.0083	U		<0.0082	U		<0.0036	U		0.0019	J		<0.036	U		<0.0066	U		<0.0066	U		0.0027	J	
		VMP-63-20-102218	10/22/2018	<0.0077	U		<0.0076	U		<0.0033	U		<0 0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-63-20-012919	1/29/2019	<0.0072	U		<0.0071	U		<0.0031	U		<0 0039	U		<0.031	U		<0.0057	U		<0.0057	U		<0 0056	U	
		VMP-63-20-022719R	2/27/2019	<0.008	U		<0.0079	U		<0.0034	U		<0 0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-63-20-042519	4/25/2019	<0.0081	U		0.045			<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-63-20-042519-DUP	4/25/2019	<0.0078	U		0.044			<0.0034	U		<0 0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0061	U	
	30 ft	VMP-63-30-071918	7/19/2018	<0.0082	U		<0.0081	U		<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-63-30-071918-DUP	7/19/2018	<0.008	U		<0.0079	U		<0.0034	U		0.00083	J		<0.034	U		<0.0064	U		<0.0064	U		<0 0063	U	
		VMP-63-30-102218	10/22/2018	<0.0074	U		<0.0073	U		<0.0032	U		<0 0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0 0058	U	
		VMP-63-30-102218-DUP	10/22/2018	<0.0078	U		<0.0077	U		<0.0033	U		<0 0042	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0061	U	
		VMP-63-30-020419	2/4/2019	<0.008	U		0.0052	J		<0.0034	U		<0 0044	U		<0.034	U		<0.0064	U		<0.0064	U		0.0039	J	
		VMP-63-30-050319	5/3/2019	<0.0082	U		<0.0081	U		<0.0035	U		0.0022	J		<0.036	U		<0.0065	U		<0.0065	U		<0 0064	U	
VMP-64	5 ft	VMP-64-5-072318	7/23/2018	<0.0084	U		<0.0083	U		<0.0036	U		<0 0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0 0066	U	
		VMP-64-5-102518	10/25/2018	<0.008	U		<0.0079	U		<0.0034	U		<0 0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0 0062	U	
		VMP-64-5-012119	1/21/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0 0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0062	U	
		VMP-64-5-042619	4/26/2019	<0.008	U		<0.0079	U		<0.0034	U		<0 0044	U		<0.034	U		<0.0064	U		<0.0064	U		0.0011	J	
	10 ft	VMP-64-10-072318	7/23/2018	<0.0077	U		0.0018	J		<0.0033	U		0.00061	J		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-64-10-102518	10/25/2018	<0.0082	U		<0.0081	U		<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-64-10-012119	1/21/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0 0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0 0064	U	
		VMP-64-10-042619	4/26/2019	<0.008	U		0.0021	J		<0.0034	U		<0 0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0 0063	U	
	20 ft	VMP-64-20-072318	7/23/2018	<0.0084	U		0 05			<0.0036	U		<0 0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0 0066	U	
		VMP-64-20-102518	10/25/2018	<0.0075	U		0.14			<0.0032	U		<0 0041	U		<0.032	U		0.0012	J		<0.0059	U		<0 0058	U	
		VMP-64-20-102518-DUP	10/25/2018	<0.0075	U		0.14			<0.0032	U		<0 0041	U		<0.032	U		0.0015	J		<0.0059	U		<0 0058	U	
		VMP-64-20-012119	1/21/2019	<0.0077	U		0.14			<0.0033	U		0.0054			<0.033	U		<0.0061	U		<0.0061	U		0.0027	J	
		VMP-64-20-042619	4/26/2019	<0.0079	U		0.024			<0.0034	U		<0 0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0 0062	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-071818	7/18/2018	0.0014	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-1-5-102218	10/22/2018	<0.0072	U		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-1-5-012319	1/23/2019	0.0013	J		<0.0053	U		<0 0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-1-5-043019	4/30/2019	0.0014	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	8.5 ft	VMP-1-8.5-071818	7/18/2018	<0.0072	U		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-1-8.5-102218	10/22/2018	0.0018	J		<0.0055	U		<0 0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-1-8.5-012319	1/23/2019	0.0012	J		<0.0054	U		<0 0054	U		<0.0051	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-1-8.5-043019	4/30/2019	0.0012	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
	23.5 ft	VMP-1-23.5-071818	7/18/2018	<0.0073	U		0.0021	J		<0 0064	U		0 0071			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-1-23.5-102218	10/22/2018	<0.0067	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-1-23.5-102218-DUP	10/22/2018	<0.0068	U		<0.0059	U		<0 0059	U		0 0013	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-1-23.5-012319	1/23/2019	0.0015	J		<0.0053	U		<0 0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-1-23.5-012319-DUP	1/23/2019	0.0012	J		<0.0052	U		<0 0052	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-1-23.5-043019	4/30/2019	0.0011	J		<0.0059	U		<0 0059	U		0 0018	J		<0.0031	U		<0.0052	U		<0.0052	U	
VMP-2	5 ft	VMP-2-5-072418	7/24/2018	0.0014	J		<0.0058	U		<0 0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-2-5-102418	10/24/2018	0.0014	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-2-5-012319	1/23/2019	0.0013	J		<0.0052	U		<0 0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-2-5-042619	4/26/2019	<0.0069	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		0.0016	J		<0.0054	U	
	8.5 ft	VMP-2-8.5-072418	7/24/2018	0.0014	J		<0.0056	U		<0 0056	U		0 0019	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-2-8.5-102418	10/24/2018	<0.0066	U		<0.0058	U		<0 0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-2-8.5-012319	1/23/2019	<0.0063	U		<0.0055	U		<0 0055	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-2-8.5-042619	4/26/2019	0.0011	J		<0.0059	U		<0 0059	U		0.39			<0.0031	U		0.055			0 015		
	22 ft	VMP-2-22-072418	7/24/2018	0.0014	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-2-22-072418-DUP	7/24/2018	0.0018	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-2-22-102418	10/24/2018	<0.0061	U		<0.0053	U		<0 0053	U		0 0025	J		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-2-22-102418-DUP	10/24/2018	<0.0066	U		<0.0058	U		<0 0058	U		0 0022	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-2-22-012319	1/23/2019	<0.0062	U		<0.0054	U		<0 0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-2-22-042619	4/26/2019	0.0012	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-2-22-042619-DUP	4/26/2019	0.0012	J		<0.0058	U		<0 0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
VMP-3	5 ft	VMP-3-5-072318	7/23/2018	<0.0072	U		<0.0063	U		<0 0063	U		<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-3-5-102918	10/29/2018	<0.0066	U		<0.0058	U		<0 0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-3-5-012419	1/24/2019	<0.0065	U		<0.0057	U		<0 0057	U		0 0013	J		<0.003	U		<0.005	U		<0 005	U	
		VMP-3-5-042919	4/29/2019	0.0026	J		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0 005	U	
	10 ft	VMP-3-10-072318	7/23/2018	<0.0069	U		<0 006	U		<0.006	U		0 0013	J		<0.0031	U		0.0014	J		<0.0053	U	
		VMP-3-10-102918	10/29/2018	<0.0063	U		<0.0055	U		<0 0055	U		0 0014	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-3-10-020119	2/1/2019	<0.0069	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-3-10-042919	4/29/2019	0.0021	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	22 ft	VMP-3-22-072318	7/23/2018	0.0014	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-3-22-102918	10/29/2018	<0.0065	U		0 01			0.0022	J		0.00084	J		<0.0029	U		0.0063			0.0033	J	
		VMP-3-22-012419	1/24/2019	<0.0063	U		<0.0055	U		<0 0055	U		0.008			<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-3-22-042919	4/29/2019	<0.0068	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	31.5 ft	VMP-3-31.5-072318	7/23/2018	0.014			<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-3-31.5-102918	10/29/2018	0.018			<0.0058	U		<0 0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-3-31.5-012419	1/24/2019	0.026			<0.0055	U		<0 0055	U		0 0019	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-3-31.5-042919	4/29/2019	0.023			0.0026	J		<0 0058	U		0 0031	J		<0.003	U		0.011			0 003	J	
	39 ft	VMP-3-39-072318	7/23/2018	0.012			<0.0067	U		<0 0067	U		0 0016	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-3-39-102918	10/29/2018	0.025			<0.0059	U		<0 0059	U		0.001	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-3-39-012419	1/24/2019	0.042			<0.0052	U		<0 0052	U		0 0017	J		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-3-39-012419-DUP	1/24/2019	0.039			<0.0051	U		<0 0051	U		0 0039	J		<0.0026	U		0.0013	J		<0.0045	U	
VMP-4	5 ft	VMP-4-5-072318	7/23/2018	<0.0069	U		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-4-5-102918	10/29/2018	<0.0068	U		<0 006	U		<0.006	U		0 0027	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-4-5-012119	1/21/2019	<0.0063	U		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-4-5-043019	4/30/2019	0.0013	J		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
	12 ft	VMP-4-12-072318	7/23/2018	<0.0068	U		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-4-12-102918	10/29/2018	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-4-12-012119	1/21/2019	<0.0061	U		<0.0053	U		<0 0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-4-12-043019	4/30/2019	<0.0078	U		<0.0068	U		<0 0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0 006	U	
	23.5 ft	VMP-4-23.5-072318	7/23/2018	<0.0071	U		<0.0062	U		<0 0062	U		0.52			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-4-23.5-072318-DUP	7/23/2018	<0.0068	U		<0 006	U		<0.006	U		0.53			<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-4-23.5-102918	10/29/2018	<0.0067	U		<0.0059	U		<0 0059	U		0 0093			<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-4-23.5-012119	1/21/2019	<0.0058	U		<0.0051	U		<0 0051	U		0 0048			<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-4-23.5-043019	4/30/2019	0.0013	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		0.0012	J		<0.0055	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-5	5 ft	VMP-5-5-071818	7/18/2018	<0.0074	U		<0.0065	U		<0 0065	U		0 0012	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-5-5-101918	10/19/2018	<0.0063	U		<0.0056	U		<0 0056	U		0 0016	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-5-5-012219	1/22/2019	0.0014	J		<0.0051	U		<0 0051	U		<0.0048	U		<0.0026	U		0.17			0 015		
		VMP-5-5-050119	5/1/2019	<0.0074	U		<0.0065	U		<0 0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
	12.5 ft	VMP-5-12.5-071818	7/18/2018	0.0019	J		<0.0061	U		<0 0061	U		0 0053	J		<0.0032	U		0.0046	J		0.0013	J	
		VMP-5-12.5-101918	10/19/2018	<0.0062	U		<0.0054	U		<0 0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-5-12.5-012219	1/22/2019	<0.0063	U		<0.0055	U		<0 0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-5-12.5-050119	5/1/2019	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
	31 ft	VMP-5-31-071818	7/18/2018	0.0016	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-5-31-101918	10/19/2018	0.0026	J		<0.0056	U		<0 0056	U		0 0013	J		<0.0029	U		<0.005	U		<0 005	U	
		VMP-5-31-012219	1/22/2019	0.0013	J		<0.0055	U		<0 0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-5-31-050119	5/1/2019	<0.007	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
	40 ft	VMP-5-40-071818	7/18/2018	0.005	J		0.003	J		0 002	J		0.013			<0.0032	U		0.0056			<0.0054	U	
		VMP-5-40-101918	10/19/2018	0.0087			<0.0058	U		<0 0058	U		0 0011	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-5-40-020419	2/4/2019	0.0077			0.0036	J		<0 0061	U		0.029			<0.0032	U		0.0016	J		<0.0054	U	
		VMP-5-40-050119	5/1/2019	0.0039	J		<0.0055	U		<0 0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
VMP-6	5 ft	VMP-6-5-071918	7/19/2018	0.0014	J		<0.0059	U		<0 0059	U		0 0013	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-6-5-102218	10/22/2018	0.002	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-6-5-013119	1/31/2019	<0.0061	U		<0.0053	U		<0 0053	U		0.12			<0.0028	U		0.049			0 015		
		VMP-6-5-042519	4/25/2019	<0.0063	U		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		0.0033	J		<0.0049	U	
	10 ft	VMP-6-10-071918	7/19/2018	<0.0069	U		<0.0061	U		<0 0061	U		0 0051	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-6-10-102218	10/22/2018	<0.0066	U		<0.0058	U		<0 0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-6-10-012219	1/22/2019	0.0012	J		<0.0054	U		<0 0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-6-10-042519	4/25/2019	<0.0067	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	31.5 ft	VMP-6-31.5-071918	7/19/2018	0.0015	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-6-31.5-102218	10/22/2018	0.0019	J		<0.0059	U		<0 0059	U		0.00085	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-6-31.5-020119	2/1/2019	<0.013	U		0.074			0 037			1.8			<0.0057	U		3			1		
		VMP-6-31.5-042519	4/25/2019	<0.0073	U		0.028			0 013			1			<0.0033	U		1.5			0.47		
	39 ft	VMP-6-39-071918	7/19/2018	0.0017	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-6-39-102218	10/22/2018	0.0025	J		<0.0058	U		<0 0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-6-39-012219	1/22/2019	0.0013	J		<0.0054	U		<0 0054	U		<0.0052	U		<0.0028	U		0.00078	J		<0.0048	U	
		VMP-6-39-042519	4/25/2019	<0.0068	U		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
VMP-7	5 ft	VMP-7-5-071918	7/19/2018	0.0014	J		0.0029	J		<0 0059	U		0 0054	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-7-5-102218	10/22/2018	0.0019	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-7-5-012219	1/22/2019	0.0013	J		<0.0052	U		<0 0052	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-7-5-042519	4/25/2019	<0.007	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
	13.5 ft	VMP-7-13.5-071918	7/19/2018	<0.0067	U		<0.0058	U		<0 0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-7-13.5-102218	10/22/2018	<0.0069	U		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-7-13.5-020119	2/1/2019	<0.0068	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-7-13.5-042519	4/25/2019	<0.0068	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	29.5 ft	VMP-7-29.5-071918	7/19/2018	<0.0068	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-7-29.5-102218	10/22/2018	0.0022	J		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-7-29.5-020119	2/1/2019	<0.0065	U		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
		VMP-7-29.5-042519	4/25/2019	<0.008	U		<0 007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0062	U		<0.0062	U	
	38 ft	VMP-7-38-071918	7/19/2018	<0.0069	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-7-38-071918-DUP	7/19/2018	<0.0068	U		<0.0059	U		<0 0059	U		0 0014	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-7-38-102218	10/22/2018	0.0022	J		<0.0067	U		<0 0067	U		<0.0063	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-7-38-012219	1/22/2019	0.0012	J		<0.0052	U		<0 0052	U		0 0028	J		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-7-38-042519	4/25/2019	<0.0072	U		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-7-38-042519-DUP	4/25/2019	<0.0066	U		<0.0058	U		<0 0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-072518	7/25/2018	0.0012	J		<0.0059	U		<0 0059	U		0 0017	J		<0.0031	U		0.0024	J		0.00089	J	
		VMP-8-5-102418	10/24/2018	<0.0066	U		<0.0058	U		<0 0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-8-5-011819	1/18/2019	0.0014	J		<0.0052	U		<0 0052	U		0.001	J		<0.0027	U		0.0011	J		<0.0046	U	
		VMP-8-5-042419	4/24/2019	<0.0065	U		<0.0057	U		<0 0057	U		0.014			<0.003	U		<0.005	U		<0 005	U	
	9.5 ft	VMP-8-9.5-072518	7/25/2018	<0.0072	U		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-8-9.5-102418	10/24/2018	<0.0066	U		<0.0058	U		<0 0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-8-9.5-011819	1/18/2019	<0.0061	U		<0.0053	U		<0 0053	U		0 0048	J		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-8-9.5-042419	4/24/2019	<0.0065	U		0.025			0 011			1.1			<0.003	U		0.72			0.24		
	23.5 ft	VMP-8-23.5-072518	7/25/2018	<0.007	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-8-23.5-102418	10/24/2018	0.0012	J		<0.0056	U		<0 0056	U		<0.0054	U		<0.0029	U		<0.005	U		<0 005	U	
		VMP-8-23.5-011819	1/18/2019	<0.0066	U		0.015			0 004	J		0 0017	J		<0.003	U		0.011			0.0046	J	
		VMP-8-23.5-022719R	2/27/2019	<0.0062	U		<0.0054	U		<0 0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-8-23.5-042419	4/24/2019	<0.0065	U		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
	35.5 ft	VMP-8-35.5-072518	7/25/2018	<0.0068	U		<0 006	U		<0.006	U		0.001	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-8-35.5-072518-DUP	7/25/2018	0.0014	J		<0.0059	U		<0 0059	U		0 0017	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-8-35.5-102418	10/24/2018	<0.0065	U		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
		VMP-8-35.5-011819	1/18/2019	<0.0058	U		<0.0051	U		<0 0051	U		0 0013	J		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-8-35.5-042419	4/24/2019	<0.0067	U		0.014		J	0.0076			0.005	J		<0.003	U		0.016		J	0 013		J
		VMP-8-35.5-042419-DUP	4/24/2019	<0.0064	U		<0.0056	U	UJ	<0 0056	U		0 0018	J		<0.0029	U		<0.005	U	UJ	<0 005	U	UJ
VMP-9	5 ft	VMP-9-5-071918	7/19/2018	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-9-5-102318	10/23/2018	<0.0069	U		<0.0061	U		<0 0061	U		0 0023	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-9-5-012519	1/25/2019	<0.0062	U		<0.0054	U		<0 0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-9-5-042419	4/24/2019	<0.0069	U		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
	11.5 ft	VMP-9-11.5-071918	7/19/2018	<0.0074	U		<0.0064	U		<0 0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-9-11.5-102318	10/23/2018	<0.0068	U		<0 006	U		<0.006	U		0 0012	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-9-11.5-013119	1/31/2019	<0.006	U		<0.0053	U		<0 0053	U		0 0038	J		<0.0027	U		<0.0047	U		<0.0047	U	
		VMP-9-11.5-042419	4/24/2019	<0.007	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
	25.5 ft	VMP-9-25.5-071918	7/19/2018	0.0016	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-9-25.5-102318	10/23/2018	<0.0065	U		<0.0056	U		<0 0056	U		0 0016	J		<0.0029	U		0.0017	J		0.00091	J	
		VMP-9-25.5-011819	1/18/2019	<0.006	U		<0.0052	U		<0 0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-9-25.5-042419	4/24/2019	<0.0063	U		<0.0055	U		<0 0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
	38.5 ft	VMP-9-38.5-071918	7/19/2018	<0.0072	U		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-9-38.5-102318	10/23/2018	0.0014	J		0.0026	J	J	<0 0054	U		0 0053			<0.0028	U		0.0058			0.0022	J	
		VMP-9-38.5-011819	1/18/2019	<0.006	U		<0.0052	U		<0 0052	U		0.017			<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-9-38.5-011819-DUP	1/18/2019	<0.0061	U		<0.0053	U		<0 0053	U		0.02			<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-9-38.5-042419	4/24/2019	<0.0068	U		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-9-38.5-042419-DUP	4/24/2019	<0.0069	U		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
VMP-18	8.5 ft	VMP-18-8.5-080718	8/7/2018	<0.0066	U		<0.0058	U		<0 0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-18-8.5-102618	10/26/2018	<0.0063	U		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-18-8.5-012519	1/25/2019	<0.0066	U		<0.0058	U		<0 0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-18-8.5-043019	4/30/2019	0.0012	J		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
VMP-19	5 ft	VMP-19-5-073018	7/30/2018	0.0019	J		<0.0058	U		<0 0058	U		0 0017	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-19-5-073018-DUP	7/30/2018	0.0016	J		<0.0055	U		<0 0055	U		0 0016	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-19-5-103118	10/31/2018	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-19-5-103118-DUP	10/31/2018	0.0014	J		<0.0054	U		<0 0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-19-5-012219	1/22/2019	0.0014	J		<0.0051	U		<0 0051	U		0 0037	J		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-19-5-043019	4/30/2019	0.0011	J		<0.0061	U		<0 0061	U		0 0012	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-19-5-043019-Dup	4/30/2019	0.0012	J		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
VMP-20	5 ft	VMP-20-5-071818	7/18/2018	0.0013	J		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-20-5-102418	10/24/2018	<0.0063	U		<0.0055	U		<0 0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-20-5-012119	1/21/2019	<0 29	U		<0.25	U		<0.25	U		71			<0.13	U		0.045	J		0.17	J	
		VMP-20-5-042619	4/26/2019	<0.013	U		<0 012	U		<0.012	U		4.1			<0.0061	U		<0.01	U		<0.01	U	
	10 ft	VMP-20-10-071818	7/18/2018	0.002	J		<0.0059	U		<0 0059	U		0 0034	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-20-10-102418	10/24/2018	0.0016	J		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-20-10-012119	1/21/2019	<0.079	U		<0 069	U		0.03	J		21			<0.036	U		<0.061	U		0 048	J	
		VMP-20-10-042619	4/26/2019	0.0013	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
	25 ft	VMP-20-25-071818	7/18/2018	0.002	J		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-20-25-102418	10/24/2018	0.0054	J		<0.0055	U		<0 0055	U		0 0013	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-20-25-012119	1/21/2019	0.0027	J		<0.0052	U		<0 0052	U		0 0046	J		<0.0027	U		0.00081	J		<0.0046	U	
		VMP-20-25-012119-DUP	1/21/2019	0.0028	J		<0.0051	U		<0 0051	U		0 0039	J		<0.0027	U		<0.0045	U		<0.0045	U	
		VMP-20-25-042619	4/26/2019	0.0016	J		<0.0058	U		<0 0058	U		0 0012	J		<0.003	U		<0.0052	U		<0.0052	U	
	39.5 ft	VMP-20-39.5-071818	7/18/2018	0.0094			<0 006	U		<0.006	U		0 0012	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-20-39.5-071818-DUP	7/18/2018	0.01			<0.0063	U		<0 0063	U		0 0011	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-20-39.5-102418	10/24/2018	0.012			<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-20-39.5-020519	2/5/2019	0.011			<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		0.0039	J		<0.0054	J	U
		VMP-20-39.5-042619	4/26/2019	0.0086			<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0 005	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-21	5 ft	VMP-21-5-072318	7/23/2018	<0.0067	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-21-5-102318	10/23/2018	<0.0064	U		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-21-5-012119	1/21/2019	<0.0062	U		<0.0054	U		<0 0054	U		0 0096			<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-21-5-042619	4/26/2019	0.0013	J		<0.0061	U		<0 0061	U		0.031			<0.0032	U		<0.0054	U		<0.0054	U	
	10 ft	VMP-21-10-072318	7/23/2018	<0.0066	U		<0.0058	U		<0 0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-21-10-102318	10/23/2018	0.0018	J		<0.0056	U		<0 0056	U		<0.0054	U		<0.0029	U		<0.005	U		<0 005	U	
		VMP-21-10-012119	1/21/2019	<0.0065	U		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
		VMP-21-10-042619	4/26/2019	0.001	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
	25 ft	VMP-21-25-072318	7/23/2018	<0.0065	U		<0.0057	U		<0 0057	U		0.00055	J		<0.003	U		<0.005	U		<0 005	U	
		VMP-21-25-102318	10/23/2018	0.0022	J		<0.0053	U		<0 0053	U		<0.005	U		<0.0027	U		0.0013	J		<0.0047	U	
		VMP-21-25-012119	1/21/2019	<0.0065	U		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
		VMP-21-25-042619	4/26/2019	0.0016	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	33 ft	VMP-21-33-072318	7/23/2018	<0.0071	U		<0.0062	U		<0 0062	U		0 0034	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-21-33-102318	10/23/2018	0.0018	J		<0.0053	U		<0 0053	U		<0.005	U		<0.0027	U		<0.0047	U		<0.0047	U	
		VMP-21-33-102318-DUP	10/23/2018	0.002	J		<0.0053	U		<0 0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-21-33-012119	1/21/2019	<0.0067	U		<0.0058	U		<0 0058	U		0 0024	J	J	<0.003	U		<0.0052	U		<0.0052	U	
		VMP-21-33-012119-DUP	1/21/2019	<0.0058	U		<0 005	U		<0.005	U		0.12		J	<0.0026	U		0.00081	J		<0.0044	U	
		VMP-21-33-042619	4/26/2019	0.0013	J		<0.0059	U		<0 0059	U		0 0021	J		<0.0031	U		0.0015	J		<0.0052	U	
VMP-22	5 ft	VMP-22-5-071818	7/18/2018	0.0015	J		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-22-5-101918	10/19/2018	<0.0063	U		<0.0055	U		<0 0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-22-5-012819	1/28/2019	<0.0065	U		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
		VMP-22-5-043019	4/30/2019	0.0012	J		<0.0056	U		<0 0056	U		<0.0054	U		<0.0029	U		<0.005	U		<0 005	U	
	10 ft	VMP-22-10-071818	7/18/2018	<0.0068	U		<0 006	U		<0.006	U		0 0007	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-22-10-101918	10/19/2018	<0.0066	U		<0.0058	U		<0 0058	U		0 0037	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-22-10-012819	1/28/2019	<0.0065	U		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
	18 ft	VMP-22-18-071818	7/18/2018	<0.007	U		<0.0061	U		<0 0061	U		0.015			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-22-18-101918	10/19/2018	<0.0062	U		<0.0054	U		<0 0054	U		0 0014	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-22-18-012819	1/28/2019	<0.0062	U		<0.0054	U		<0 0054	U		0 0048	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-22-18-043019	4/30/2019	0.0013	J		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
	38 ft	VMP-22-38-071818	7/18/2018	<0.0095	U		0.021		J	0 012			0.013			<0.0043	U		0.031		J	0.0073		
		VMP-22-38-071818-DUP	7/18/2018	<0.0069	U		<0.0061	U	UJ	<0 0061	U		0.00057	J		<0.0032	U		<0.0054	U	UJ	<0.0054	U	
		VMP-22-38-101918	10/19/2018	<0.0062	U		<0.0054	U		<0 0054	U		0 0014	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-22-38-012819	1/28/2019	<0.0065	U		<0.0057	U		<0 0057	U		0 0013	J		<0.003	U		<0.005	U		<0 005	U	
		VMP-22-38-012819-DUP	1/28/2019	<0.007	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-22-38-043019	4/30/2019	0.0012	J		0.017			0.0053	J		0.02			<0.003	U		0.038			0 012		
VMP-23	5 ft	VMP-23-5-071718	7/17/2018	<0.0074	U		<0.0064	U		<0 0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-23-5-101918	10/19/2018	0.002	J		<0.0052	U		<0 0053	J	U	<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-23-5-012319	1/23/2019	<0.0063	U		<0.0055	U		<0 0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-23-5-042919	4/29/2019	<0.0068	U		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
	10 ft	VMP-23-10-071718	7/17/2018	0.0017	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		0.0019	J		<0.0055	U	
		VMP-23-10-101918	10/19/2018	<0.0069	U		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-23-10-012319	1/23/2019	0.0014	J		<0.0054	U		<0 0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-23-10-042919	4/29/2019	<0.0066	U		<0.0058	U		<0 0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
	25 ft	VMP-23-25-071718	7/17/2018	0.0015	J		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-23-25-101918	10/19/2018	0.0013	J		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
		VMP-23-25-012319	1/23/2019	0.0013	J		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-23-25-042919	4/29/2019	<0.0066	U		<0.0058	U		<0 0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
	40 ft	VMP-23-40-071718	7/17/2018	0.002	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-23-40-071718-DUP	7/17/2018	0.0017	J		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-23-40-101918	10/19/2018	0.0013	J		<0.0054	U		<0 0054	U		0.002	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-23-40-101918-DUP	10/19/2018	0.0014	J		<0.0054	U		<0 0054	U		0 0031	J		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-23-40-012319	1/23/2019	0.0017	J		<0.0053	U		<0 0053	U		0 0037	J	J	<0.0027	U		<0.0047	U		<0.0047	U	
		VMP-23-40-012319-DUP	1/23/2019	0.0019	J		<0.0054	U		<0 0054	U		0.96		J	<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-23-40-042919	4/29/2019	<0.0073	U		<0.0064	U		<0 0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-23-40-042919-DUP	4/29/2019	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-072018	7/20/2018	0.0012	J		<0.0058	U		<0 0058	U		0.015			<0.003	U		0.0023	J		<0.0051	U	
		VMP-24-5-102518	10/25/2018	<0.0064	U		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0 005	U	
		VMP-24-5-012419	1/24/2019	<0.0061	U		<0.0054	U		<0 0054	U		0 0077			<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-24-5-012419-DUP	1/24/2019	<0.0065	U		<0.0056	U		<0 0056	U		0 0026	J		<0.0029	U		<0.005	U		<0 005	U	
		VMP-24-5-042419	4/24/2019	<0.0069	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		0.0042	J		<0.0054	U	
	10 ft	VMP-24-10-072018	7/20/2018	0.0015	J		<0.0058	U		<0 0058	U		0.013			<0.003	U		<0.0051	U		<0.0051	U	
		VMP-24-10-102518	10/25/2018	<0.012	U		0.027			0.0052	J		0.028			<0.0053	U		0.024			<0 009	U	
		VMP-24-10-012419	1/24/2019	<0.0061	U		<0.0054	U		<0 0054	U		<0.0051	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-24-10-042419	4/24/2019	<0.0069	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
	22 ft	VMP-24-22-072018	7/20/2018	<0.0065	U		<0.0057	U		<0 0057	U		0 0012	J		<0.003	U		<0.005	U		<0 005	U	
		VMP-24-22-102518	10/25/2018	<0.0063	U		<0.0055	U		<0 0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-24-22-012419	1/24/2019	<0.0064	U		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-24-22-042419	4/24/2019	<0.0067	U		<0.0058	U		<0 0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
	34 ft	VMP-24-34-072018	7/20/2018	0.0014	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		0.001	J		<0.0052	U	
		VMP-24-34-072018-DUP	7/20/2018	<0.0068	U		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-24-34-102518	10/25/2018	<0.0063	U		<0.0055	U		<0 0055	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-24-34-102518-DUP	10/25/2018	0.0014	J		<0.0054	U		<0 0054	U		0.00085	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-24-34-012419	1/24/2019	<0.0059	U		<0.0052	U		<0 0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-24-34-042419	4/24/2019	<0.0068	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
VMP-32	5 ft	VMP-32-5-072318	7/23/2018	0.0014	J		<0.0058	U		<0 0058	U		<0.0056	U		<0.003	U		0.0061			0.0022	J	
		VMP-32-5-012319	1/23/2019	<0.006	U		<0.0052	U		<0 0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-32-5-043019	4/30/2019	0.0011	J		0.0023	J		0.00087	J		0 0044	J		<0.0031	U		0.012			0 004	J	
	10 ft	VMP-32-10-072318	7/23/2018	0.0018	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-32-10-102518	10/25/2018	0.0013	J		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
		VMP-32-10-012319	1/23/2019	0.0014	J		<0.0052	U		<0 0052	U		0 0091			<0.0027	U		0.005			0.0017	J	
		VMP-32-10-043019	4/30/2019	0.0012	J		<0.0059	U		<0 0059	U		0 0089			<0.0031	U		<0.0052	U		<0.0052	U	
	20 ft	VMP-32-20-072318	7/23/2018	<0.0069	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-32-20-102518	10/25/2018	<0.0065	U		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
		VMP-32-20-012319	1/23/2019	0.0012	J		<0.0053	U		<0 0053	U		<0.005	U		<0.0028	U		0.00083	J		<0.0047	U	
		VMP-32-20-043019	4/30/2019	0.0011	J		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
	30 ft	VMP-32-30-072318	7/23/2018	<0.0066	U		<0.0058	U		<0 0058	U		0 0036	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-32-30-102518	10/25/2018	<0.0064	U		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0 005	U	
		VMP-32-30-012319	1/23/2019	0.0013	J		<0.0052	U		<0 0053	U		0.014			<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-32-30-050319	5/3/2019	<0.006	U		0.0058			<0 0053	U		0 0028	J	J	<0.0027	U		0.0095			0.0034	J	
VMP-42	10 ft	VMP-42-10-072318	7/23/2018	<0.0067	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-42-10-102218	10/22/2018	0.0017	J		<0.0058	U		<0 0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-42-10-012519	1/25/2019	<0.0062	U		<0.0054	U		<0 0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-42-10-050119	5/1/2019	<0.0067	U		<0.0058	U		<0 0058	U		<0.0056	U		<0.003	U		0.0047	J		<0.0052	U	
	20 ft	VMP-42-20-072318	7/23/2018	<0.007	U		0.00082	J		<0 0061	U		0 0046	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-42-20-102218	10/22/2018	0.0022	J		<0.0062	U		<0 0062	U		0 0017	J		<0.0032	U		0.0014	J		<0.0055	U	
		VMP-42-20-020519	2/5/2019	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-42-20-050119	5/1/2019	<0.007	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0054	U		<0.0054	U	
	30 ft	VMP-42-30-072318	7/23/2018	<0.0067	U		<0.0058	U		<0 0058	U		0 0019	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-42-30-072318-DUP	7/23/2018	<0.0066	U		<0.0058	U		<0 0058	U		0.003	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-42-30-102218	10/22/2018	0.0018	J		<0.0057	U		<0 0057	U		0.021			<0.003	U		0.011			0.0041	J	
		VMP-42-30-112818	11/28/2018	0.0009	J		<0.0051	U		<0 0051	U		0 0089			<0.0027	U		0.005			0.0019	J	
		VMP-42-30-012519	1/25/2019	<0.006	U		<0.0052	U		<0 0052	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-42-30-050119	5/1/2019	<0.0065	U		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
VMP-43	10 ft	VMP-43-10-071818	7/18/2018	<0.0068	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-43-10-102918	10/29/2018	0.0015	J		<0.0058	U		<0 0058	U		0 0007	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-43-10-012919	1/29/2019	0.0012	J		0.1			0.0065			0.76			<0.0029	U		0.0014	J		0.0013	J	
		VMP-43-10-042919	4/29/2019	<0.0067	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		0.0018	J		<0.0052	U	
	20 ft	VMP-43-20-071818	7/18/2018	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-43-20-102918	10/29/2018	<0.0069	U		<0.0061	U		<0 0061	U		0 0014	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-43-20-012919	1/29/2019	0.0014	J		<0.0052	U		<0 0052	U		0.33			<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-43-20-042919	4/29/2019	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
	30 ft	VMP-43-30-071818	7/18/2018	<0.0072	U		0.0034	J		<0 0063	U		0.018			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-43-30-102918	10/29/2018	<0.0068	U		<0.0059	U		<0 0059	U		0.019			<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-43-30-012919	1/29/2019	0.0012	J		<0.0054	U		<0 0054	U		0 0072			<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-43-30-012919-DUP	1/29/2019	0.0013	J		<0.0055	U		<0 0055	U		0 0073			<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-43-30-042919	4/29/2019	<0.0073	U		<0.0064	U		<0 0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-071818	7/18/2018	<0.0072	U		0.0032	J		<0 0063	U		0.019			<0.0033	U		0.004	J		0.0017	J	
		VMP-44-10-102518	10/25/2018	<0.0066	U		<0.0058	U		<0 0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-44-10-012219	1/22/2019	<0.0058	U		<0.0051	U		<0 0051	U		0.022			<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-44-10-042919	4/29/2019	<0.0066	U		<0.0058	U		<0 0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
	20 ft	VMP-44-20-071818	7/18/2018	<0.0066	U		<0.0058	U		<0 0058	U		0 0014	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-44-20-102518	10/25/2018	<0.0064	U		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0 005	U	
		VMP-44-20-020419	2/4/2019	0.0014	J		<0.0059	U		<0 0059	U		0 0023	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-44-20-020419-DUP	2/4/2019	0.0015	J		<0.0062	U		<0 0062	U		0 0028	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-44-20-042919	4/29/2019	<0.0068	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	30 ft	VMP-44-30-071818	7/18/2018	<0.0069	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-44-30-102518	10/25/2018	<0.0067	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-44-30-012219	1/22/2019	0.0012	J		<0.0052	U		<0 0052	U		0.029			<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-44-30-042919	4/29/2019	<0.0068	U		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
VMP-45	10 ft	VMP-45-10-071918	7/19/2018	0.0014	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-45-10-102518	10/25/2018	<0.0067	U		<0.0059	U		<0 0059	U		0.00092	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-45-10-012219	1/22/2019	0.0015	J		<0.0058	U		0.0022	J		0.03			<0.003	U		<0.0051	U		0.0014	J	
		VMP-45-10-042519	4/25/2019	<0.0068	U		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		0.0023	J		<0.0053	U	
	20 ft	VMP-45-20-071918	7/19/2018	0.0014	J		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-45-20-102518	10/25/2018	<0.0065	U		<0.0056	U		<0 0056	U		0.031			<0.0029	U		<0.005	U		<0 005	U	
		VMP-45-20-012219	1/22/2019	0.0014	J		<0.0054	U		<0 0054	U		<0.0051	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-45-20-042519	4/25/2019	<0.0067	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	30 ft	VMP-45-30-071918	7/19/2018	0.0019	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-45-30-102518	10/25/2018	0.0015	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-45-30-012219	1/22/2019	0.0013	J		<0.0054	U		<0 0054	U		0.003	J		<0.0028	U		0.0012	J		<0.0048	U	
		VMP-45-30-042519	4/25/2019	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		0.003	J		<0.0055	U	
		VMP-45-30-052819R	5/28/2019	<0.0074	U		0.0037	J		<0 0065	U		0.036			<0.0034	U		0.0062			0.0023	J	
VMP-47	5 ft	VMP-47-5-071918	7/19/2018	<0.0065	U		<0.0057	U		<0 0057	U		0 0017	J		<0.003	U		<0.005	U		<0 005	U	
		VMP-47-5-102318	10/23/2018	0.0018	J		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-47-5-012919	1/29/2019	<0.0063	U		0 21			0 022			0.22			<0.0029	U		0.0063			0.0019	J	
		VMP-47-5-042519	4/25/2019	<0.0068	U		<0.0059	U		<0 0059	U		0 0031	J		<0.0031	U		<0.0052	U		<0.0052	U	
	10 ft	VMP-47-10-071918	7/19/2018	<0.0067	U		<0.0058	U		<0 0058	U		0 0015	J		<0.003	U		0.0018	J		<0.0052	U	
		VMP-47-10-102318	10/23/2018	0.0022	J		<0.0058	U		<0 0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-47-10-012919	1/29/2019	0.0012	J		0.0039	J		<0 0058	U		0.015			<0.003	U		<0.0052	U		<0.0052	U	
		VMP-47-10-042519	4/25/2019	<0.0062	U		<0.0054	U		<0 0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
	20 ft	VMP-47-20-071918	7/19/2018	<0.0067	U		<0.0058	U		<0 0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-47-20-102318	10/23/2018	<0.0065	U		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
		VMP-47-20-012919	1/29/2019	0.0013	J		<0 005	U		<0.005	U		<0.0048	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-47-20-042519	4/25/2019	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
	30 ft	VMP-47-30-071918	7/19/2018	0.0017	J		<0.0059	U		<0 0059	U		0 0051	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-47-30-102318	10/23/2018	0.0021	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-47-30-050319	5/3/2019	<0.0067	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
VMP-48	5 ft	VMP-48-5-072418	7/24/2018	0.0022	J		<0.0055	U		<0 0055	U		0 0024	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-48-5-102418	10/24/2018	<0.0067	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-48-5-012319	1/23/2019	0.0013	J		<0.0055	U		<0 0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-48-5-042619	4/26/2019	0.0016	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
	10 ft	VMP-48-10-072418	7/24/2018	0.0024	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		0.0029	J		0.0014	J	
		VMP-48-10-102418	10/24/2018	<0.0066	U		<0.0058	U		<0 0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-48-10-012319	1/23/2019	<0.0061	U		<0.0053	U		<0 0053	U		0 0016	J		<0.0028	U		0.0015	J		<0.0047	U	
		VMP-48-10-042619	4/26/2019	0.0016	J		<0.0059	U		<0 0059	U		0 0016	J		<0.0031	U		<0.0052	U		<0.0052	U	
	20 ft	VMP-48-20-102418	10/24/2018	0.0018	J		<0 006	U		<0.006	U		0 0025	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-48-20-012319	1/23/2019	0.0014	J		<0.0052	U		<0 0052	U		0 0078			<0.0027	U		<0.0046	U		<0.0046	U	
	30 ft	VMP-48-30-072418	7/24/2018	0.024			<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-48-30-102418	10/24/2018	0.014			<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-48-30-012319	1/23/2019	0.021			<0.0054	U		<0 0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-48-30-042619	4/26/2019	0.019			<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-49	5 ft	VMP-49-5-072018	7/20/2018	<0.007	U		<0.0061	U		<0 0061	U		0.012			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-49-5-102318	10/23/2018	<0.0067	U		<0.0058	U		<0 0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-49-5-020119	2/1/2019	<0.0063	U		<0.0055	U		<0 0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-49-5-042919	4/29/2019	0.0019	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	10 ft	VMP-49-10-072018	7/20/2018	<0.0068	U		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-49-10-102318	10/23/2018	0.002	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		0.00086	J		<0.0052	U	
		VMP-49-10-012119	1/21/2019	<0.0059	U		<0.0052	U		<0 0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-49-10-042919	4/29/2019	0.002	J		<0.0058	U		<0 0058	U		<0.0055	U		<0.003	U		0.0017	J		<0.0051	U	
	20 ft	VMP-49-20-072018	7/20/2018	0.0014	J		<0.0063	U		<0 0063	U		0.019			<0.0033	U		0.0029	J		<0.0056	U	
		VMP-49-20-102318	10/23/2018	0.002	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-49-20-012119	1/21/2019	<0.0059	U		<0.0052	U		<0 0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-49-20-042919	4/29/2019	0.0018	J		<0.0058	U		<0 0058	U		0 0075			<0.003	U		<0.0051	U		<0.0051	U	
	30 ft	VMP-49-30-072018	7/20/2018	<0.0071	U		<0.0062	U		<0 0062	U		0 0009	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-49-30-102318	10/23/2018	<0.0068	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-49-30-012119	1/21/2019	<0.0058	U		<0.0051	U		<0 0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-49-30-042919	4/29/2019	0.0037	J		<0.0058	U		<0 0058	U		0 0041	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-49-30-042919-DUP	4/29/2019	0.0032	J		<0.0063	U		<0 0063	U		0 0026	J		<0.0032	U		<0.0055	U		<0.0055	U	
VMP-50	5 ft	VMP-50-5-072618	7/26/2018	<0.0072	U		<0.0063	U		<0 0063	U		0.00075	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-50-5-103018	10/30/2018	<0.0067	U		<0.0058	U		<0 0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-50-5-020519	2/5/2019	<0.0069	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-50-5-042919	4/29/2019	<0.0066	U		<0.0058	U		<0 0058	U		0.014			<0.003	U		<0.0051	U		<0.0051	U	
	10 ft	VMP-50-10-072618	7/26/2018	<0.0071	U		<0.0062	U		<0 0062	U		0 0015	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-50-10-103018	10/30/2018	<0.0069	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-50-10-012519	1/25/2019	<0.0062	U		<0.0054	U		<0 0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-50-10-042919	4/29/2019	<0.0072	U		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	20 ft	VMP-50-20-072618	7/26/2018	<0.0072	U		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-50-20-103018	10/30/2018	<0.0072	U		<0.0063	U		<0 0063	U		0 0016	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-50-20-020119	2/1/2019	<0.0065	U		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
		VMP-50-20-042919	4/29/2019	<0.0065	U		0.017			0 007			0.89			<0.0029	U		0.8			0.26		
	30 ft	VMP-50-30-072618	7/26/2018	<0.14	U		<0.12	U		0.36			7			<0.063	U		0.11			0 058	J	
		VMP-50-30-103018	10/30/2018	<0.0067	U		0.0063	J	J	0.67		J	15			<0.003	U		0.12		J	0 088		J
		VMP-50-30-012519	1/25/2019	<0.13	U		<0.11	U		0.26			9.1			<0.058	U		0.15			0 044	J	
		VMP-50-30-012519-DUP	1/25/2019	<0.12	U		<0.1	U		0.26			8.8			<0.052	U		0.15			0 044	J	
		VMP-50-30-042919	4/29/2019	<0.069	U		<0.06	U		0.18			6.5			<0.031	U		0.1			0 053		
VMP-51	5 ft	VMP-51-5-071718	7/17/2018	0.0027	J		<0.0064	U		<0 0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-51-5-101918	10/19/2018	<0.0065	U		<0.0056	U		<0 0056	U		0 0014	J		<0.0029	U		<0.005	U		<0 005	U	
		VMP-51-5-012319	1/23/2019	0.0013	J		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-51-5-050119	5/1/2019	<0.0074	U		<0.0065	U		<0 0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
	10 ft	VMP-51-10-071718	7/17/2018	0.0028	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-51-10-101918	10/19/2018	<0.0062	U		<0.0054	U		<0 0054	U		0 0013	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-51-10-012319	1/23/2019	0.0012	J		<0.0054	U		<0 0054	U		<0.0051	U		<0.0028	U		0.0016	J		<0.0047	U	
		VMP-51-10-050119	5/1/2019	<0.0065	U		<0.0057	U		<0 0057	U		0.11	J0	J	<0.003	U		0.014			0.0036	J	
	20 ft	VMP-51-20-071718	7/17/2018	0.0021	J		<0.0065	U		<0 0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-51-20-101918	10/19/2018	0.0014	J		0.0022	J		<0 0056	J	U	<0.0053	U		<0.0029	U		0.003	J		0.0019	J	
		VMP-51-20-012319	1/23/2019	0.0012	J		<0.0052	U		<0 0053	U		0 0039	J		<0.0027	U		0.0068			0.0015	J	
		VMP-51-20-050119	5/1/2019	<0.0062	U		<0.0054	U		<0 0054	U		0 0076	J0	J	<0.0028	U		<0.0048	U		<0.0048	U	
	30 ft	VMP-51-30-071718	7/17/2018	0.0019	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		0.0014	J		<0.0055	U	
		VMP-51-30-071718-DUP	7/17/2018	0.0025	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-51-30-101918	10/19/2018	0.0014	J		<0.0054	U		<0 0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-51-30-101918-DUP	10/19/2018	0.002	J		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-51-30-012319	1/23/2019	0.0015	J		<0.0052	U		<0 0052	U		0 0036	J		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-51-30-050119	5/1/2019	<0.0076	U		<0.0067	U		<0 0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-51-30-050119-DUP	5/1/2019	<0.0069	U		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane 860			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride 0.29			m,p-Xylenes 130			o-Xylenes 120		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-52	5 ft	VMP-52-5-072018	7/20/2018	0.0022	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-52-5-102318	10/23/2018	0.0013	J		<0.0052	U		<0 0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-52-5-013119	1/31/2019	<0.0065	U		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
		VMP-52-5-050219	5/2/2019	<0.14	U		<0.12	U		<0.12	U		<0.11	U		<0.063	U		<0.11	U		<0.11	U	
	10 ft	VMP-52-10-072018	7/20/2018	0.0021	J		0.0017	J		<0 0059	U		0.017			<0.003	U		0.0012	J		<0.0052	U	
		VMP-52-10-102318	10/23/2018	0.0016	J		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0 005	U	
		VMP-52-10-013119	1/31/2019	<0.0063	U		<0.0055	U		<0 0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
	20 ft	VMP-52-20-072018	7/20/2018	<0.0068	U		<0 006	U		<0.006	U		0 0015	J		<0.0031	U		0.00092	J		<0.0053	U	
		VMP-52-20-102318	10/23/2018	<0.0062	U		<0.0054	U		<0 0054	U		0 0099			<0.0028	U		0.0071			0.0022	J	
		VMP-52-20-013119	1/31/2019	<0.006	U		<0.0052	U		<0 0053	U		0 0012	J		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-52-20-013119-DUP	1/31/2019	<0.006	U		<0.0052	U		0.0035	J		0 0022	J		<0.0027	U		0.00091	J		<0.0046	U	
		VMP-52-20-050219	5/2/2019	0.0011	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
	30 ft	VMP-52-30-072018	7/20/2018	<0.0069	U		<0 006	U		<0.006	U		0.001	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-52-30-102318	10/23/2018	0.0018	J		<0 005	U		<0.005	U		<0.0048	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-52-30-102318-DUP	10/23/2018	<0.0061	U		<0.0053	U		<0 0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-52-30-013119	1/31/2019	<0.0058	U		<0.0051	U		<0 0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-52-30-050219	5/2/2019	0.0014	J		<0.0065	U		<0 0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
VMP-53	5 ft	VMP-53-5-072518	7/25/2018	0.0014	J		<0.0061	U		<0 0061	U		0 0018	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-53-5-102318	10/23/2018	<0.0066	U		0.0047	J	J	0.0017	J		<0.0055	U		<0.003	U		0.011			0.0032	J	
		VMP-53-5-011819	1/18/2019	<0.0059	U		<0.0052	U		<0 0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-53-5-050319	5/3/2019	<0.007	U		<0.0061	U		<0 0061	U		0.084	J0	J	<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-53-5-050319-DUP	5/3/2019	<0.0066	U		<0.0058	U		<0 0058	U		0.083	J0	J	<0.003	U		<0.0051	U		<0.0051	U	
	10 ft	VMP-53-10-072518	7/25/2018	0.0014	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-53-10-102318	10/23/2018	<0.0065	U		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
		VMP-53-10-011819	1/18/2019	<0.0062	U		<0.0054	U		<0 0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-53-10-050319	5/3/2019	<0.024	U		0 03			0.01	J		14	E J0	J	<0.011	U		0.1			0 034		
	20 ft	VMP-53-20-072518	7/25/2018	0.0014	J		<0.0061	U		<0 0061	U		0 0015	J		<0.0032	U		0.00096	J		<0.0054	U	
		VMP-53-20-102318	10/23/2018	<0.0069	U		0.45		J	0.06			0 0072			<0.0031	U		0.034			<0.0053	U	
		VMP-53-20-011819	1/18/2019	<0.0063	U		<0.0055	U		<0 0055	U		0.013			<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-53-20-050319	5/3/2019	<0.76	U		<0.66	U		<0.66	U		250		J	<0 34	U		<0.59	U		<0.59	U	
	30 ft	VMP-53-30-072518	7/25/2018	0.0014	J		<0.0061	U		<0 0061	U		0 0022	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-53-30-102318	10/23/2018	<0.0069	U		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-53-30-013119	1/31/2019	<0.006	U		<0.0052	U		<0 0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-53-30-050319	5/3/2019	<0.071	U		<0 062	U		<0.062	U		33	E J0	J	<0.032	U		<0.055	U		<0 055	U	
VMP-54	5 ft	VMP-54-5-072518	7/25/2018	<0.0075	U		<0.0065	U		<0 0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-54-5-102418	10/24/2018	<0.0069	U		<0 006	U		<0.006	U		0 0083			<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-54-5-011819	1/18/2019	<0.0062	U		<0.0054	U		<0 0054	U		0 0013	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-54-5-042419	4/24/2019	<0.0064	U		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0 005	U	
	10 ft	VMP-54-10-072518	7/25/2018	0.0019	J		<0.0063	U		<0 0063	U		0.002	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-54-10-102418	10/24/2018	<0.0067	U		<0.0058	U		<0 0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-54-10-011819	1/18/2019	<0.006	U		<0.0053	U		<0 0053	U		0 0084			<0.0027	U		<0.0047	U		<0.0047	U	
		VMP-54-10-042419	4/24/2019	<0.0074	U		<0.0065	U		<0 0065	U		0.015			<0.0034	U		<0.0057	U		<0.0057	U	
	20 ft	VMP-54-20-072518	7/25/2018	<0.0068	U		<0.0059	U		<0 0059	U		0 0017	J		<0.0031	U		0.00098	J		<0.0052	U	
		VMP-54-20-102418	10/24/2018	0.0019	J		<0.0058	U		<0 0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-54-20-011819	1/18/2019	<0.0062	U		<0.0054	U		<0 0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-54-20-042419	4/24/2019	<0.0063	U		<0.0055	U		<0 0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
	30 ft	VMP-54-30-072518	7/25/2018	0.0014	J		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-54-30-102418	10/24/2018	<0.0066	U		<0.0058	U		<0 0058	U		0 0014	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-54-30-011819	1/18/2019	<0.0062	U		<0.0054	U		<0 0054	U		0 0011	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-54-30-042419	4/24/2019	<0.0062	U		0.0019	J		<0 0054	U		0 0094			<0.0028	U		<0.0048	U		<0.0048	U	
VMP-56	10 ft	VMP-56-10-072618	7/26/2018	<0.007	U		<0.0061	U		<0 0061	U		0 0085			<0.0032	U		0.0031	J		0.00092	J	
		VMP-56-10-102918	10/29/2018	0.002	J		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
		VMP-56-10-012819	1/28/2019	0.0012	J		0.0078			0 011			<0.0057	U		<0.0031	U		0.0058			0.0034	J	
		VMP-56-10-050119	5/1/2019	0.001	J		0.0016	J		<0 0058	U		0 0022	J		<0.003	U		0.0087			0.0031	J	
	25 ft	VMP-56-25-072618	7/26/2018	<0.0069	U		<0 006	U		<0.006	U		0 0018	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-56-25-102918	10/29/2018	<0.0068	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-56-25-012819	1/28/2019	<0.0063	U		<0.0056	U		<0 0056	U		0 0029	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-56-25-012819-DUP	1/28/2019	<0.0065	U		<0.0056	U		<0 0056	U		0 0026	J		<0.0029	U		<0.005	U		<0 005	U	
		VMP-56-25-050119	5/1/2019	0.0012	J		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
	38.5 ft	VMP-56-38.5-072618	7/26/2018	<73	U		95			42	J		4300			<33	U		1300			410		
		VMP-56-38.5-102918	10/29/2018	<13	U		51			21			4800			<6.1	U		1200			360		
		VMP-56-38.5-012819	1/28/2019	<500	U		<440	U		<440	U		3200			<230	U		530			140	J	
		VMP-56-38.5-050119	5/1/2019	<280	U		160	J		81	J		4700			<130	U		1600			500		

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-072418	7/24/2018	<0.007	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-62-5-102418	10/24/2018	<0.0062	U		<0.0054	U		<0 0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-62-5-012819	1/28/2019	<0.0065	U		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
		VMP-62-5-042619	4/26/2019	0.0019	J		0.0039	J		0 001	J		<0.0056	U		<0.0031	U		0.0018	J		<0.0052	U	
	10 ft	VMP-62-10-072418	7/24/2018	0.0016	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-62-10-102418	10/24/2018	<0.0059	U		<0.0052	U		<0 0052	U		0 0095			<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-62-10-012819	1/28/2019	<0.0063	U		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-62-10-042619	4/26/2019	0.0013	J		<0.0066	U		<0 0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
	20 ft	VMP-62-20-072418	7/24/2018	0.0022	J		<0 006	U		<0.006	U		0 0024	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-62-20-102418	10/24/2018	0.0017	J		<0.0056	U		<0 0056	U		0 0052	J		<0.0029	U		0.0026	J		<0 005	U	
		VMP-62-20-012819	1/28/2019	<0.0063	U		<0.0055	U		<0 0055	U		0.037			<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-62-20-042619	4/26/2019	0.0012	J		<0.0061	U		<0 0061	U		0 0091			<0.0032	U		<0.0054	U		<0.0054	U	
	30 ft	VMP-62-30-072418	7/24/2018	0.0016	J		<0.0064	U		<0 0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-62-30-102418	10/24/2018	0.0031	J		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0 005	U	
		VMP-62-30-102418-DUP	10/24/2018	0.0022	J		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0 005	U	
		VMP-62-30-020519	2/5/2019	0.0014	J		<0.0062	U		<0 0062	U		0.022			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-62-30-042619	4/26/2019	0.0014	J		<0.0058	U		<0 0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-62-30-042619-DUP	4/26/2019	0.0012	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
VMP-63	5 ft	VMP-63-5-071918	7/19/2018	<0.0068	U		0.0018	J		0.00096	J		0.016			<0.0031	U		0.011			0.0035	J	
		VMP-63-5-102218	10/22/2018	0.0021	J		<0.0055	U		<0 0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-63-5-012919	1/29/2019	0.0013	J		<0.0054	U		<0 0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-63-5-042519	4/25/2019	<0.007	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
	10 ft	VMP-63-10-071918	7/19/2018	0.0012	J		<0.0051	U		<0 0051	U		0 0069			<0.0027	U		<0.0045	U		<0.0045	U	
		VMP-63-10-102218	10/22/2018	0.0016	J		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0 005	U	
		VMP-63-10-012919	1/29/2019	0.0013	J		<0.0053	U		<0 0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-63-10-042519	4/25/2019	<0.007	U		0.0069			<0 0061	U		0.018			<0.0032	U		0.0036	J		<0.0054	U	
	20 ft	VMP-63-20-071918	7/19/2018	0.0015	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-63-20-102218	10/22/2018	0.0017	J		<0.0055	U		<0 0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-63-20-012919	1/29/2019	0.0011	J		<0.0051	U		<0 0051	U		<0.0049	U		<0.0027	U		<0.0045	U		<0.0045	U	
		VMP-63-20-022719R	2/27/2019	<0.0065	U		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
		VMP-63-20-042519	4/25/2019	<0.0066	U		<0.0058	U		<0 0058	U		0 0024	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-63-20-042519-DUP	4/25/2019	<0.0064	U		<0.0056	U		<0 0056	U		0 0025	J		<0.0029	U		<0.005	U		<0 005	U	
	30 ft	VMP-63-30-071918	7/19/2018	0.0014	J		<0.0058	U		<0 0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-63-30-071918-DUP	7/19/2018	<0.0065	U		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
		VMP-63-30-102218	10/22/2018	0.0016	J		<0.0053	U		<0 0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-63-30-102218-DUP	10/22/2018	0.0017	J		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-63-30-020419	2/4/2019	0.0013	J		<0.0057	U		<0 0057	U		0.018			<0.003	U		<0.005	U		<0 005	U	
		VMP-63-30-050319	5/3/2019	<0.0067	U		0.0028	J		<0 0059	U		0 0057	J0	J	<0.0031	U		<0.0052	U		<0.0052	U	
VMP-64	5 ft	VMP-64-5-072318	7/23/2018	<0.0068	U		<0 006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-64-5-102518	10/25/2018	0.0022	J		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
		VMP-64-5-012119	1/21/2019	<0.0064	U		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0 005	U	
		VMP-64-5-042619	4/26/2019	0.0012	J		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
	10 ft	VMP-64-10-072318	7/23/2018	<0.0063	U		<0.0055	U		<0 0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-64-10-102518	10/25/2018	<0.0067	U		<0.0058	U		<0 0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-64-10-012119	1/21/2019	<0.0067	U		<0.0058	U		<0 0058	U		0 0026	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-64-10-042619	4/26/2019	0.0013	J		<0.0057	U		<0 0057	U		<0.0054	U		<0.003	U		<0.005	U		<0 005	U	
	20 ft	VMP-64-20-072318	7/23/2018	<0.0069	U		0.00067	J		<0.006	U		0 0026	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-64-20-102518	10/25/2018	0.0011	J		0.0073			0 002	J		<0.0051	U		<0.0028	U		0.0021	J		0.0014	J	
		VMP-64-20-102518-DUP	10/25/2018	0.0012	J		<0.0054	U		<0 0054	U		<0.0051	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-64-20-012119	1/21/2019	<0.0063	U		<0.0055	U		<0 0055	U		0 0022	J		<0.0029	U		0.0039	J		<0.0049	U	
		VMP-64-20-042619	4/26/2019	0.0012	J		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0 005	U	

Notes
Yellow highlighted cells indicate readings that exceed residential screening criterion.
Blank cells in Result column indicate that analyte was not on target analyte list.
Natural gas utility line leak near VMP-50 was discovered by Ameren Illinois on May 1, 2018, and repaired on May 31, 2018.

Lab Qualifiers
J = Estimated value; results between the MDL and RL
U = Compound analyzed for but not detected above the RL
CN = Indicates potential high bias due to use of Tedlar© bag for off-line dilution

AECOM Qualifiers
J = Estimated detection
UJ = Estimated non-detect
U = Non-detect due to blank contamination

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			2.8			450000			52			42									40000		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-072018	7/20/2018	0 064			<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0052	J		0.0075	J	
		VMP-10-5-102618	10/26/2018	0 017	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-10-5-012419	1/24/2019	0 014	J		<0.0034	U		<0.007	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		0.0019	J	
		VMP-10-5-050219	5/2/2019	0.0097	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
	10 ft	VMP-10-10-072018	7/20/2018	0 087			0.00065	J		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-10-10-102618	10/26/2018	0.0076	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-10-10-012419	1/24/2019	0 01	J		0.0026	J		<0.0069	U		<0.011	U		<0.04	U		<0.0023	U		<0.0098	U		<0.012	U	
		VMP-10-10-050219	5/2/2019	0.2			0.0011	J		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.009	J	
	20 ft	VMP-10-20-072018	7/20/2018	0 03			<0.004	U		0.0052	J		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-10-20-102618	10/26/2018	0 029			<0.0039	U		0.0027	J		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-10-20-012419	1/24/2019	0 026			<0.0033	U		<0.007	U		<0.011	U		<0.04	U		<0.0023	U		<0.0099	U		<0.012	U	
		VMP-10-20-050219	5/2/2019	0 012	J		0.0023	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
	30 ft	VMP-10-30-072018	7/20/2018	0 23		J	<0.0041	U		0.1			<0.013	U		<0.05	U		<0.0028	U		0.0041	J		0.0072	J	
		VMP-10-30-072018-DUP	7/20/2018	0 027	J	J	<0.0042	U		0.11			<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0036	J	
		VMP-10-30-102618	10/26/2018	0 012	J		<0.0037	U		0.099			<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-10-30-102618-DUP	10/26/2018	0 031			0.0026	J		0.098			<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-10-30-020119	2/1/2019	0 011	J		<0.0037	U		0.041			<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0024	J	
		VMP-10-30-050219	5/2/2019	0 012	J		<0.0038	U		0.012			<0.012	U		<0.047	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-10-30-050219-DUP	5/2/2019	0 018	J		<0.0038	U		0.012			<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
VMP-11	5 ft	VMP-11-5-072618	7/26/2018	0 073			0.0074			<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.008	J	
		VMP-11-5-103018	10/30/2018	0 013	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-11-5-020419	2/4/2019	0 035			<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0036	J	
		VMP-11-5-043019	4/30/2019	0.0069	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
	8 ft	VMP-11-8-072618	7/26/2018	0 017	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-11-8-103018	10/30/2018	0.0081	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-11-8-020419	2/4/2019	0 028	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-11-8-043019	4/30/2019	0 011	J		0.0032	J		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		<0.011	U		<0.014	U	
	29 ft	VMP-11-29-072618	7/26/2018	0 042			<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0052	J	
		VMP-11-29-103018	10/30/2018	0 03			<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0027	J	
		VMP-11-29-020419	2/4/2019	0.0067	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-11-29-043019	4/30/2019	0 016	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
	38 ft	VMP-11-38-072618	7/26/2018	0 048			<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0051	J	
		VMP-11-38-072618-DUP	7/26/2018	0 044			<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0043	J	
		VMP-11-38-103018	10/30/2018	0 011	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-11-38-020119	2/1/2019	0 012	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		0.0033	J	
		VMP-11-38-020119-DUP	2/1/2019	0 012	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0021	J	
		VMP-11-38-043019	4/30/2019	0 011	J		<0.0036	U		<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-11-38-043019-Dup	4/30/2019	0 044			<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		<0.011	U		<0.014	U	
VMP-12	5 ft	VMP-12-5-072718	7/27/2018	0 028	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0054	J	
		VMP-12-5-103118	10/31/2018	0 014	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-12-5-012819	1/28/2019	0.0084	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-12-5-012819-DUP	1/28/2019	0 014	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0023	J	
		VMP-12-5-050319	5/3/2019	0 009	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
	11.5 ft	VMP-12-11.5-103118	10/31/2018	0 018	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-12-11.5-012819	1/28/2019	0 012	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-12-11.5-050319	5/3/2019	0 025	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0061	J	
	25 ft	VMP-12-25-072718	7/27/2018	0 033			<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.011	J	
		VMP-12-25-103118	10/31/2018	0 017	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-12-25-012819	1/28/2019	0 04			<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0025	J	
		VMP-12-25-050319	5/3/2019	0.0072	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-12-25-050319-DUP	5/3/2019	0 018	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
	39 ft	VMP-12-39-072718	7/27/2018	<2 8	U		<0.95	U		<2	U		<3.1	U		<4.6	U		<0.66	U		68		J	<3.5	U	
		VMP-12-39-103118	10/31/2018	<5.4	U		<1.8	U		<3.8	U		<5.9	U		<8.8	U		<1 3	U		32			<6.7	U	
		VMP-12-39-103118-DUP	10/31/2018	<1.4	U		<0.48	U		<1	U		<1.5	U		<2.3	U		<0.33	U		32			<1.8	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			2.8			450000			52			42									40000		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-072418	7/24/2018	0 022	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		0.0059	J		0.0033	J	
		VMP-13-5-102918	10/29/2018	0 014	J		0.0037	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.02			<0.014	U	
		VMP-13-5-012919	1/29/2019	0 007	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-13-5-050119	5/1/2019	0 029	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		0.0046	J		<0.015	U	
	10.5 ft	VMP-13-10.5-072418	7/24/2018	0 036			0.00052	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		0.006	J	
		VMP-13-10.5-102918	10/29/2018	0 02	J		<0.0034	U		<0.007	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		<0.012	U	
		VMP-13-10.5-012919	1/29/2019	0 022	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		0.0022	J	
		VMP-13-10.5-050119	5/1/2019	0 017	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
	21.5 ft	VMP-13-21.5-072418	7/24/2018	0 039			0.00071	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0064	J	
		VMP-13-21.5-102918	10/29/2018	0 036			0.0015	J		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		0.01	J		0.0068	J	
		VMP-13-21.5-020419	2/4/2019	0 035			0.0031	J		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-13-21.5-050119	5/1/2019	0 025	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.0047	J		0.0044	J	
	29.5 ft	VMP-13-29.5-072418	7/24/2018	0 019	J		0.00067	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0036	J	
		VMP-13-29.5-102918	10/29/2018	0.0096	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-13-29.5-102918-DUP	10/29/2018	0 011	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-13-29.5-012919	1/29/2019	0.0062	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-13-29.5-050119	5/1/2019	0 019	J		<0.0042	U		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
VMP-14	5 ft	VMP-14-5-072518	7/25/2018	0 069			<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0078	J	
		VMP-14-5-102918	10/29/2018	0 01	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-14-5-012919	1/29/2019	0 012	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		0.0071	J		0.0021	J	
		VMP-14-5-012919-DUP	1/29/2019	0 02	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		0.004	J	
		VMP-14-5-050119	5/1/2019	0 046			<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.003	J	
	11.5 ft	VMP-14-11.5-072518	7/25/2018	0 052			<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.014	J	
		VMP-14-11.5-102918	10/29/2018	0 014	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-14-11.5-012919	1/29/2019	0 025	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-14-11.5-050119	5/1/2019	0 014	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0034	J	
	20 ft	VMP-14-20-072518	7/25/2018	0 037			0.0027	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0051	J	
		VMP-14-20-102918	10/29/2018	0 014	J		0.0045			<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		0.005	J		<0.013	U	
		VMP-14-20-020419	2/4/2019	0 028	J		0.0045			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0039	J	
		VMP-14-20-050119	5/1/2019	0 038			0.0016	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0063	J	
	29 ft	VMP-14-29-072518	7/25/2018	0 044			0.0022	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.005	J		0.0053	J	
		VMP-14-29-072518-DUP	7/25/2018	0 035			<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0054	J		0.0033	J	
		VMP-14-29-102918	10/29/2018	0.0066	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-14-29-102918-DUP	10/29/2018	0 02	J		0.001	J		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		0.0065	J		0.0038	J	
		VMP-14-29-020419	2/4/2019	0 019	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-14-29-050119	5/1/2019	0 018	J		0.0015	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0031	J	
VMP-15	5 ft	VMP-15-5-072518	7/25/2018	0 033			0.0042			<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		0.02			0.0065	J	
		VMP-15-5-103018	10/30/2018	0 011	J		0.002	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		<0.014	U	
		VMP-15-5-012419	1/24/2019	0.0077	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-15-5-050119	5/1/2019	0 02	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
	21.5 ft	VMP-15-21.5-072518	7/25/2018	0 034			0.003	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.0075	J		0.0043	J	
		VMP-15-21.5-103018	10/30/2018	0 022	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0053	J	
		VMP-15-21.5-012419	1/24/2019	<0 026	U		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-15-21.5-050119	5/1/2019	0.1	J		0.024	J		<0.054	U		<0.083	U		<0.31	U		<0.018	U		<0.076	U		<0.094	U	
	25.5 ft	VMP-15-25.5-072518	7/25/2018	0 044			0.027			<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		0.084			0.0033	J	
		VMP-15-25.5-103018	10/30/2018	0 017	J		0.0014	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-15-25.5-012419	1/24/2019	0 014	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-15-25.5-050119	5/1/2019	0 039	J		0.03			<0.053	U		<0.082	U		<0.31	U		<0.017	U		2.2			<0.093	U	
		VMP-15-25.5-050119-DUP	5/1/2019	0 036	J		0.032			<0.052	U		<0.08	U		<0.3	U		<0.017	U		2.2			<0.091	U	
	29 ft	VMP-15-29-072518	7/25/2018	0 032			0.027			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.073			0.0028	J	
		VMP-15-29-103018	10/30/2018	0 012	J		0.0012	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.0046	J		<0.014	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			2.8			450000			52			42									40000		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-072718	7/27/2018	0 016	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0036	J	
		VMP-16-5-103118	10/31/2018	0 05			<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-16-5-012819	1/28/2019	0 017	J		0.0038			<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.056			<0.014	U	
		VMP-16-5-050219	5/2/2019	0 02	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
	13.5 ft	VMP-16-13.5-072718	7/27/2018	<1 2	U		<0.4	U		<0.84	U		<1.3	U		<2	U		<0.28	U		0.28	J		<1.5	U	
		VMP-16-13.5-103118	10/31/2018	<1 8	U		<0.61	U		<1.3	U		<2	U		<3	U		<0.42	U		0.58	J		<2.2	U	
		VMP-16-13.5-012819	1/28/2019	6.7	J		<1.2	U		<2.5	U		<3.9	U		<15	U		<0.84	U		12			<4.5	U	
		VMP-16-13.5-050219	5/2/2019	<0.73	U		<0.24	U		<0.52	U		<0.8	U		<1.2	U		<0.17	U		5.9			<0.91	U	
	19 ft	VMP-16-19-072718	7/27/2018	<1 2	U		<0.4	U		<0.84	U		<1.3	U		<2	U		<0.28	U		24		J	<1.5	U	
		VMP-16-19-103118	10/31/2018	<1 8	U		<0.62	U		<1.3	U		<2	U		<3	U		<0.43	U		27			<2.3	U	
		VMP-16-19-012819	1/28/2019	6.8	J		<1.4	U		<3	U		<4.6	U		<17	U		<1	U		18			<5.3	U	
		VMP-16-19-050219	5/2/2019	<2 3	U		<0.77	U		<1.6	U		<2.5	U		<3.8	U		<0.54	U		22			<2.8	U	
	31 ft	VMP-16-31-072718	7/27/2018	<6	U		<2	U		<4.2	U		<6.5	U		<9.8	U		<1.4	U		55			<7.4	U	
		VMP-16-31-103118	10/31/2018	<5 8	U		<1.9	U		<4.1	U		<6.3	U		<9.5	U		<1 3	U		50			<7.2	U	
		VMP-16-31-012819	1/28/2019	8.9	J		<5.8	U		<12	U		<19	U		<70	U		<4	U		60			<21	U	
		VMP-16-31-050219	5/2/2019	<2 8	U		<0.93	U		<1.9	U		<3	U		<4.5	U		<0.64	U		45			<3.4	U	
		VMP-16-31-050219-DUP	5/2/2019	<3.7	U		<1.2	U		<2.6	U		<4	U		<6	U		<0.86	U		45			<4.6	U	
VMP-17	5 ft	VMP-17-5-071818	7/18/2018	0 032			0.014			<0.008	U		<0.012	U		<0.047	U		<0.0026	U		0.054			0.0027	J	
		VMP-17-5-103018	10/30/2018	0 046			<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0096	J		<0.015	U	
		VMP-17-5-012419	1/24/2019	0 021	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0034	J	
		VMP-17-5-042519	4/25/2019	0.0066	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
VMP-25	5 ft	VMP-25-5-073118	7/31/2018	0 098			<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0034	J	
		VMP-25-5-073118-DUP	7/31/2018	0 076			0.00046	J		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0049	J	
		VMP-25-5-103018	10/30/2018	0 017	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-25-5-103018-DUP	10/30/2018	0 016	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-25-5-012219	1/22/2019	0 018	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0024	J	
		VMP-25-5-012219-DUP	1/22/2019	0 013	J		<0.0033	U		<0.007	U		<0.011	U		<0.04	U		<0.0023	U		<0.0099	U		<0.012	U	
		VMP-25-5-042519	4/25/2019	0 025	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-25-5-042519-DUP	4/25/2019	0 015	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
VMP-29	10 ft	VMP-29-10-072418	7/24/2018	0 021	J		0.0014	J		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.026		
		VMP-29-10-102618	10/26/2018	0 013	J		0.0025	J		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		0.0077	J		0.0042	J	
		VMP-29-10-050219	5/2/2019	0 034			0.0013	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0036	J		0.0068	J	
	18 ft	VMP-29-18-072418	7/24/2018	0 38			0.0019	J		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		1.8		
		VMP-29-18-102618	10/26/2018	0.16			0.011			<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.0086	J		0.5		
		VMP-29-18-012519	1/25/2019	0 043			0.0048			<0.0071	U		<0.011	U		<0.041	U		<0.0023	U		0.01			0.063		
		VMP-29-18-050219	5/2/2019	0.12			0.0047			<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.27		
	26 ft	VMP-29-26-072418	7/24/2018	0.67			0.0031	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.007	J		0.56		
		VMP-29-26-102618	10/26/2018	0 042			0.0059			<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		0.0092	J		0.029		
		VMP-29-26-102618-DUP	10/26/2018	0 04			0.0046			<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		0.0064	J		0.03		
		VMP-29-26-012519	1/25/2019	0.0093	J		0.0018	J		<0.0071	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		0.004	J	
		VMP-29-26-012519-DUP	1/25/2019	0.0072	J		0.0012	J		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0018	J	
		VMP-29-26-050219	5/2/2019	0.1			0.017			<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.04		
VMP-30	10 ft	VMP-30-10-072418	7/24/2018	0 07			0.001	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		0.25		
		VMP-30-10-102618	10/26/2018	0 042			<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.052		
		VMP-30-10-012519	1/25/2019	0.0098	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0028	J	
		VMP-30-10-050219	5/2/2019	0.1			<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		0.0039	J		0.046		
	18 ft	VMP-30-18-072418	7/24/2018	0.14			0.0096			<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.48		
		VMP-30-18-102618	10/26/2018	0 05			0.011			<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.12		
		VMP-30-18-012519	1/25/2019	0.0071	J		0.00085	J		<0.007	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		0.0031	J	
		VMP-30-18-050219	5/2/2019	0 025	J		0.0021	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.011	J		0.024		
	26 ft	VMP-30-26-072418	7/24/2018	0 36			0.02			<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.76		
		VMP-30-26-072418-DUP	7/24/2018	0 34			0.019			<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.76		
		VMP-30-26-102618	10/26/2018	0.17			0.017			<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.27		
		VMP-30-26-012519	1/25/2019	0.0063	J		0.0028	J		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		0.0052	J	
		VMP-30-26-050219	5/2/2019	0 03			0.0087			<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.041			0.055		

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			2.8			450000			52			42									40000		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-072018	7/20/2018	0 026	J		0.00058	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-41-10-102518	10/25/2018	0 017	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.0039	J		<0.014	U	
		VMP-41-10-012919	1/29/2019	1.9	J		6.7			<0.74	U		<1.1	U		<4.3	U		<0.24	U		1.7			<1.3	U	
		VMP-41-10-022719R	2/27/2019	0.0041	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-41-10-050319	5/3/2019	0 013	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.014			<0.014	U	
	20 ft	VMP-41-20-072018	7/20/2018	0 03			<0.0038	U		0.0098			<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.004	J	
		VMP-41-20-102518	10/25/2018	0.0051	J		<0.0038	U		0.002	J		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-41-20-012919	1/29/2019	0 011	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-41-20-050319	5/3/2019	0 051			<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
	26 ft	VMP-41-26-072018	7/20/2018	0 018	J		<0.0038	U		0.0074	J		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0024	J	
		VMP-41-26-102518	10/25/2018	0 024	J		<0.0039	U		0.012			<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.004	J	
		VMP-41-26-012919	1/29/2019	0.0068	J		<0.0036	U		0.01			<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-41-26-050319	5/3/2019	0 021	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
VMP-55	5 ft	VMP-55-5-103018	10/30/2018	0.0086	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
	20 ft	VMP-55-20-072518	7/25/2018	1.5	J		<0.25	U		<0.52	U		<0.81	U		<3	U		<0.17	U		5.3			0.33	J	
		VMP-55-20-103018	10/30/2018	13			<1.4	U		<2.9	U		<4.4	U		<17	U		<0.95	U		20			<5	U	
		VMP-55-20-050119	5/1/2019	8.1			<0.4	U		<0.83	U		<1.3	U		<1.9	U		<0.28	U		50			<1.5	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				5300			1.5			420			57000						0.92								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-072018	7/20/2018	<0 016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-10-5-102618	10/26/2018	<0 015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-10-5-012419	1/24/2019	<0 013	U		<0.0066	U		<0.0048	U		<0.0089	U		<0.011	U		<0.0051	U		<0.022	U		<0.0054	U	
		VMP-10-5-050219	5/2/2019	<0 015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
	10 ft	VMP-10-10-072018	7/20/2018	<0 016	J	U	<0.008	U		0.00084	J		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-10-10-102618	10/26/2018	<0 014	U		<0.0073	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U	
		VMP-10-10-012419	1/24/2019	<0 013	U		<0.0065	U		<0.0048	U		<0.0088	U		<0.011	U		<0.005	U		<0.021	U		<0.0054	U	
		VMP-10-10-050219	5/2/2019	<0 016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
	20 ft	VMP-10-20-072018	7/20/2018	<0 016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0 084			<0.026	U		<0.0065	U	
		VMP-10-20-102618	10/26/2018	<0 015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0 033			<0.025	U		<0.0063	U	
		VMP-10-20-012419	1/24/2019	<0 013	U		<0.0066	U		<0.0048	U		<0.0089	U		<0.011	U		0.0067			<0.022	U		<0.0054	U	
		VMP-10-20-050219	5/2/2019	<0 015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0023	J		<0.025	U		<0.0063	U	
	30 ft	VMP-10-30-072018	7/20/2018	<0 016	U		0.0014	J		<0.0059	U		0.0039	J		<0.014	U		1.1			0.033			<0.0066	U	
		VMP-10-30-072018-DUP	7/20/2018	<0 016	U		0.0016	J		<0.006	U		0.004	J		<0.014	U		1 2			<0.027	U		<0.0068	U	
		VMP-10-30-102618	10/26/2018	<0 014	U		<0.0074	U		<0.0054	U		0.0028	J		<0.012	U		0.55			<0.024	U		<0.006	U	
		VMP-10-30-102618-DUP	10/26/2018	<0 014	U		<0.0072	U		<0.0053	U		0.0028	J		<0.012	U		0.52			<0.024	U		<0.0059	U	
		VMP-10-30-020119	2/1/2019	<0 014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.14			<0.024	U		<0.006	U	
		VMP-10-30-050219	5/2/2019	<0 015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0 041			<0.025	U		<0.0062	U	
		VMP-10-30-050219-DUP	5/2/2019	<0 015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.04			<0.024	U		<0.0061	U	
VMP-11	5 ft	VMP-11-5-072618	7/26/2018	<0 016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-11-5-103018	10/30/2018	<0 014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-11-5-020419	2/4/2019	<0 015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-11-5-043019	4/30/2019	<0 015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
	8 ft	VMP-11-8-072618	7/26/2018	0.0028	J		<0.0069	U		<0.005	U		<0.0093	U		<0.012	U		<0.0053	U		<0.023	U		<0.0057	U	
		VMP-11-8-103018	10/30/2018	<0 015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-11-8-020419	2/4/2019	<0 015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-11-8-043019	4/30/2019	<0 014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U	
	29 ft	VMP-11-29-072618	7/26/2018	<0 014	J	U	<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		0.0018	J		<0.023	U		<0.0058	U	
		VMP-11-29-103018	10/30/2018	<0 015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-11-29-020419	2/4/2019	<0 016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0034	J		<0.026	U		<0.0065	U	
		VMP-11-29-043019	4/30/2019	<0 015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
	38 ft	VMP-11-38-072618	7/26/2018	<0 015	J	U	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0016	J		<0.024	U		<0.0061	U	
		VMP-11-38-072618-DUP	7/26/2018	<0 014	J	U	<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.0015	J		<0.024	U		<0.006	U	
		VMP-11-38-103018	10/30/2018	<0 014	J	U	<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.0011	J		<0.024	U		<0.006	U	
		VMP-11-38-020119	2/1/2019	<0 014	U		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		0.00071	J		<0.023	U		<0.0058	U	
		VMP-11-38-020119-DUP	2/1/2019	<0 015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.00066	J		<0.024	U		<0.0062	U	
		VMP-11-38-043019	4/30/2019	<0 014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-11-38-043019-Dup	4/30/2019	<0 014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U	
VMP-12	5 ft	VMP-12-5-072718	7/27/2018	0 004	J		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-12-5-103118	10/31/2018	<0 015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-12-5-012819	1/28/2019	<0 015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.0061	U	
		VMP-12-5-012819-DUP	1/28/2019	<0 014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-12-5-050319	5/3/2019	<0 016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
	11.5 ft	VMP-12-11.5-103118	10/31/2018	0.0037	J		<0.0072	U		<0.0052	U		<0.0097	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-12-11.5-012819	1/28/2019	<0 014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-12-11.5-050319	5/3/2019	<0 015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
	25 ft	VMP-12-25-072718	7/27/2018	<0 016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-12-25-103118	10/31/2018	<0 015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-12-25-012819	1/28/2019	<0 014	U		<0.0072	U		<0.0052	U		<0.0097	U		<0.012	U		0.0017	J		0.0037	J		<0.0059	U	
		VMP-12-25-050319	5/3/2019	<0 015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-12-25-050319-DUP	5/3/2019	<0 013	U		<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		<0.0052	U		<0.022	U		<0.0055	U	
	39 ft	VMP-12-39-072718	7/27/2018	<3.7	U		<1.9	U		<1.4	U		<2.5	U		<3.1	U		<1.4	U		<2.4	U		<1.5	U	
		VMP-12-39-103118	10/31/2018	<7.1	U		<3.6	U		<2.6	U		<4.8	U		<6	U		<2 8	U		<4.7	U		<3	U	
		VMP-12-39-103118-DUP	10/31/2018	<1 8	U		<0.94	U		<0.68	U		<1.3	U		<1.6	U		<0.73	U		<1.2	U		<0.77	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				5300			1.5			420			57000						0.92								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-072418	7/24/2018	0 002	J		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		0.0027	J		<0.023	U		<0.0058	U	
		VMP-13-5-102918	10/29/2018	<0 015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.0016	J		<0.025	U		<0.0064	U	
		VMP-13-5-012919	1/29/2019	<0 014	U		<0.0068	U		<0.005	U		<0.0093	U		<0.012	U		<0.0053	U		<0.022	U		<0.0056	U	
		VMP-13-5-050119	5/1/2019	<0 016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
	10.5 ft	VMP-13-10.5-072418	7/24/2018	0.0019	J		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0013	J		<0.025	U		<0.0063	U	
		VMP-13-10.5-102918	10/29/2018	0 00088	J		<0.0066	U		<0.0048	U		<0.0089	U		<0.011	U		0.0019	J		<0.022	U		<0.0054	U	
		VMP-13-10.5-012919	1/29/2019	<0 014	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		0 001	J		<0.023	U		<0.0057	U	
		VMP-13-10.5-050119	5/1/2019	<0 016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
	21.5 ft	VMP-13-21.5-072418	7/24/2018	0 002	J		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-13-21.5-102918	10/29/2018	0.0013	J		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0015	J		<0.025	U		<0.0062	U	
		VMP-13-21.5-020419	2/4/2019	<0 014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.0021	J		<0.024	U		<0.0059	U	
		VMP-13-21.5-050119	5/1/2019	<0 016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
	29.5 ft	VMP-13-29.5-072418	7/24/2018	0 021			<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0016	J		<0.024	U		<0.0062	U	
		VMP-13-29.5-102918	10/29/2018	<0 015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0028	J		<0.024	U		<0.0061	U	
		VMP-13-29.5-102918-DUP	10/29/2018	<0 016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0031	J		<0.026	U		<0.0065	U	
		VMP-13-29.5-012919	1/29/2019	<0 013	U		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		0.0021	J		<0.022	U		<0.0056	U	
		VMP-13-29.5-050119	5/1/2019	<0 016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
VMP-14	5 ft	VMP-14-5-072518	7/25/2018	<0 016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-14-5-102918	10/29/2018	0.0012	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-14-5-012919	1/29/2019	<0 014	U		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-14-5-012919-DUP	1/29/2019	<0 014	U		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-14-5-050119	5/1/2019	<0 015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
	11.5 ft	VMP-14-11.5-072518	7/25/2018	<0 016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-14-11.5-102918	10/29/2018	0.0012	J		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-14-11.5-012919	1/29/2019	<0 014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-14-11.5-050119	5/1/2019	<0 015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
	20 ft	VMP-14-20-072518	7/25/2018	<0 015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-14-20-102918	10/29/2018	0 002	J		<0.0071	U		<0.0052	U		<0.0097	U		<0.012	U		<0.0055	U		<0.023	U		<0.0059	U	
		VMP-14-20-020419	2/4/2019	<0 015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-14-20-050119	5/1/2019	<0 016	U		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
	29 ft	VMP-14-29-072518	7/25/2018	<0 015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-14-29-072518-DUP	7/25/2018	<0 016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-14-29-102918	10/29/2018	0.0011	J		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-14-29-102918-DUP	10/29/2018	0.0045	J		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-14-29-020419	2/4/2019	<0 015	U		<0.0075	U		0.00088	J		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		0.0011	J	J
		VMP-14-29-050119	5/1/2019	<0 015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
VMP-15	5 ft	VMP-15-5-072518	7/25/2018	<0 016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-15-5-103018	10/30/2018	<0 015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U	
		VMP-15-5-012419	1/24/2019	<0 014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.0022	J		<0.024	U		<0.0059	U	
		VMP-15-5-050119	5/1/2019	<0 015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
	21.5 ft	VMP-15-21.5-072518	7/25/2018	<0 015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-15-21.5-103018	10/30/2018	<0 015	J	U	<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.0047	J		<0.025	U		<0.0064	U	
		VMP-15-21.5-012419	1/24/2019	<0 014	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U	
		VMP-15-21.5-050119	5/1/2019	<0.1	U		<0.05	U		<0.037	U		<0.068	U		<0.084	U		<0.039	U		<0.16	U		<0.041	U	
	25.5 ft	VMP-15-25.5-072518	7/25/2018	<0 016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
		VMP-15-25.5-103018	10/30/2018	<0 015	J	U	<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-15-25.5-012419	1/24/2019	<0 014	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		0.0011	J		<0.023	U		<0.0057	U	
		VMP-15-25.5-050119	5/1/2019	<0 098	U		<0.05	U		<0.036	U		<0.067	U		<0.083	U		<0.038	U		<0.16	U		<0.041	U	
		VMP-15-25.5-050119-DUP	5/1/2019	<0 096	U		<0.048	U		<0.035	U		<0.066	U		<0.081	U		<0.038	U		<0.16	U		<0.04	U	
	29 ft	VMP-15-29-072518	7/25/2018	<0 016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-15-29-103018	10/30/2018	<0 014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0 006			<0.024	U		<0.006	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				5300			1.5			420			57000						0.92								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-072718	7/27/2018	<0 015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-16-5-103118	10/31/2018	0.0029	J		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-16-5-012819	1/28/2019	<0 014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-16-5-050219	5/2/2019	<0 015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
	13.5 ft	VMP-16-13.5-072718	7/27/2018	<1.6	U		<0.79	U		<0.58	U		<1.1	U		<1.3	U		<0.62	U		<1	U		<0.65	U	
		VMP-16-13.5-103118	10/31/2018	<2.4	U		<1.2	U		<0.88	U		<1.6	U		<2	U		<0.93	U		<1.6	U		<0.99	U	
		VMP-16-13.5-012819	1/28/2019	<4.7	U		<2.4	U		<1.7	U		<3.2	U		<4	U		<1 8	U		<7.8	U		<2	U	
		VMP-16-13.5-050219	5/2/2019	<0.96	U		<0.48	U		<0.35	U		<0.66	U		<0.81	U		<0.38	U		<0.64	U		<0.4	U	
	19 ft	VMP-16-19-072718	7/27/2018	<1.6	U		<0.79	U		<0.58	U		<1.1	U		<1.3	U		<0.62	U		<1	U		<0.65	U	
		VMP-16-19-103118	10/31/2018	<2.4	U		<1.2	U		<0.9	U		<1.7	U		<2.1	U		<0.95	U		<1.6	U		<1	U	
		VMP-16-19-012819	1/28/2019	<5.6	U		<2.8	U		<2.1	U		<3.8	U		<4.8	U		<2 2	U		<9.3	U		<2.3	U	
		VMP-16-19-050219	5/2/2019	<3	U		<1.5	U		<1.1	U		<2.1	U		<2.6	U		<1 2	U		<2	U		<1.2	U	
	31 ft	VMP-16-31-072718	7/27/2018	<7 8	U		<4	U		<2.9	U		<5.4	U		<6.6	U		<3.1	U		<5.2	U		<3.3	U	
		VMP-16-31-103118	10/31/2018	<7.6	U		<3.8	U		<2.8	U		<5.2	U		<6.4	U		<3	U		<5	U		<3.2	U	
		VMP-16-31-012819	1/28/2019	<23	U		<11	U		<8.4	U		<15	U		<19	U		<8 9	U		<37	U		<9.4	U	
		VMP-16-31-050219	5/2/2019	<3.6	U		<1.8	U		<1.3	U		<2.5	U		<3.1	U		<1.4	U		<2.4	U		<1.5	U	
		VMP-16-31-050219-DUP	5/2/2019	<4 8	U		<2.4	U		<1.8	U		<3.3	U		<4.1	U		<1 9	U		<3.2	U		<2	U	
VMP-17	5 ft	VMP-17-5-071818	7/18/2018	<0 015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-17-5-103018	10/30/2018	<0 016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-17-5-012419	1/24/2019	<0 013	U		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		<0.0053	U		<0.022	U		<0.0056	U	
		VMP-17-5-042519	4/25/2019	<0 016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
VMP-25	5 ft	VMP-25-5-073118	7/31/2018	<0 015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0036	J		<0.024	U		<0.0061	U	
		VMP-25-5-073118-DUP	7/31/2018	<0 015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0037	J		<0.024	U		<0.0061	U	
		VMP-25-5-103018	10/30/2018	<0 015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-25-5-103018-DUP	10/30/2018	<0 015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-25-5-012219	1/22/2019	<0 014	U		<0.0069	U		<0.005	U		<0.0093	U		<0.012	U		<0.0053	U		<0.023	U		<0.0057	U	
		VMP-25-5-012219-DUP	1/22/2019	<0 013	U		<0.0065	U		<0.0048	U		<0.0088	U		<0.011	U		<0.0051	U		<0.021	U		<0.0054	U	
		VMP-25-5-042519	4/25/2019	<0 015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-25-5-042519-DUP	4/25/2019	<0 016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
VMP-29	10 ft	VMP-29-10-072418	7/24/2018	0.0056	J		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-29-10-102618	10/26/2018	0.0052	J		<0.0073	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U	
		VMP-29-10-050219	5/2/2019	<0 015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
	18 ft	VMP-29-18-072418	7/24/2018	0 032			<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-29-18-102618	10/26/2018	0 013	J		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-29-18-012519	1/25/2019	<0 013	U		<0.0067	U		<0.0049	U		<0.009	U		<0.011	U		<0.0052	U		0.0023	J		<0.0055	U	
		VMP-29-18-050219	5/2/2019	0.0055	J		<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
	26 ft	VMP-29-26-072418	7/24/2018	0.15			<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.00092	J		<0.024	U		<0.0062	U	
		VMP-29-26-102618	10/26/2018	0 027			<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-29-26-102618-DUP	10/26/2018	0 023			<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-29-26-012519	1/25/2019	<0 013	U		<0.0066	U		<0.0048	U		<0.009	U		<0.011	U		0 006			<0.022	U		<0.0055	U	
		VMP-29-26-012519-DUP	1/25/2019	<0 014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.0062			<0.024	U		<0.0059	U	
		VMP-29-26-050219	5/2/2019	0 015	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		0.0022	J		<0.0064	U	
VMP-30	10 ft	VMP-30-10-072418	7/24/2018	0 012	J		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U	
		VMP-30-10-102618	10/26/2018	0.0036	J		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0029	J		<0.024	U		<0.006	U	
		VMP-30-10-012519	1/25/2019	<0 015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0033	J		<0.024	U		<0.0062	U	
		VMP-30-10-050219	5/2/2019	0 004	J		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		0.0022	J		<0.0062	U	
	18 ft	VMP-30-18-072418	7/24/2018	0 033			<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-30-18-102618	10/26/2018	0 013	J		<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		0.0013	J		<0.022	U		<0.0055	U	
		VMP-30-18-012519	1/25/2019	<0 013	U		<0.0066	U		<0.0048	U		<0.0089	U		<0.011	U		0.0028	J		<0.022	U		<0.0054	U	
		VMP-30-18-050219	5/2/2019	0.0046	J		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U	
	26 ft	VMP-30-26-072418	7/24/2018	0 042			<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-30-26-072418-DUP	7/24/2018	0 041			<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
		VMP-30-26-102618	10/26/2018	0 023			<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		0.0013	J		<0.023	U		<0.0058	U	
		VMP-30-26-012519	1/25/2019	<0 014	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		0.0027	J		<0.023	U		<0.0057	U	
		VMP-30-26-050219	5/2/2019	0 011	J		<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				5300			1.5			420			57000						0.92								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-072018	7/20/2018	<0 016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-41-10-102518	10/25/2018	<0 015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-41-10-012919	1/29/2019	0.41	J		<0.69	U		<0.51	U		<0.94	U		<1.2	U		<0.54	U		<2.3	U		<0.57	U	
		VMP-41-10-022719R	2/27/2019	<0 015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-41-10-050319	5/3/2019	<0 015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
	20 ft	VMP-41-20-072018	7/20/2018	<0 015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.22			<0.024	U		<0.0061	U	
		VMP-41-20-102518	10/25/2018	<0 015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0 016			<0.024	U		<0.0061	U	
		VMP-41-20-012919	1/29/2019	<0 014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.0051	J		<0.024	U		<0.0059	U	
		VMP-41-20-050319	5/3/2019	<0 017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
	26 ft	VMP-41-26-072018	7/20/2018	<0 015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.36			<0.024	U		<0.0062	U	
		VMP-41-26-102518	10/25/2018	<0 015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.15			<0.025	U		<0.0063	U	
		VMP-41-26-012919	1/29/2019	<0 014	U		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		0 044			<0.023	U		<0.0058	U	
		VMP-41-26-050319	5/3/2019	<0 016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0 006	J		<0.026	U		<0.0065	U	
VMP-55	5 ft	VMP-55-5-103018	10/30/2018	<0 014	J	U	<0.0073	U		<0.0053	U		<0.0098	U		<0.012	U		0.0023	J		<0.024	U		<0.006	U	
	20 ft	VMP-55-20-072518	7/25/2018	<0.97	U		<0.49	U		<0.36	U		<0.66	U		<0.82	U		<0.38	U		<1.6	U		<0.4	U	
		VMP-55-20-103018	10/30/2018	<5 3	U		<2.7	U		<2	U		<3.6	U		<4.5	U		<2.1	U		<8.8	U		<2.2	U	
		VMP-55-20-050119	5/1/2019	<1.6	U		<0.78	U		<0.57	U		<1.1	U		<1.3	U		<0.61	U		<1	U		<0.64	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.048			1700						6800			1700			4200			0.81		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-072018	7/20/2018	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0027	J		<0.0051	U		<0.0051	U	
		VMP-10-5-102618	10/26/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U	
		VMP-10-5-012419	1/24/2019	<0.0036	U		<0.0081	U		<0.0063	U		<0.0063	U		<0.0063	U		0.0026	J		<0.0042	U		<0.0042	U	
		VMP-10-5-050219	5/2/2019	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	
	10 ft	VMP-10-10-072018	7/20/2018	<0.0044	U		<0.0098	U		0.0015	J		0.0016	J		0.0011	J		0.0027	J		<0.0052	U		<0.0052	U	
		VMP-10-10-102618	10/26/2018	<0 004	U		<0.0089	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0023	J		<0.0047	U		<0.0047	U	
		VMP-10-10-012419	1/24/2019	<0.0036	U		<0.008	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0025	J		<0.0042	U		<0.0042	U	
		VMP-10-10-050219	5/2/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0022	J		<0.005	U		<0.005	U	
	20 ft	VMP-10-20-072018	7/20/2018	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0028	J		<0.0051	U		<0.0051	U	
		VMP-10-20-102618	10/26/2018	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0022	J		<0.0049	U		<0.0049	U	
		VMP-10-20-012419	1/24/2019	<0.0036	U		<0.008	U		<0.0063	U		<0.0063	U		<0.0063	U		0.0024	J		<0.0042	U		<0.0042	U	
		VMP-10-20-050219	5/2/2019	0.0017	J		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.0049	U	
	30 ft	VMP-10-30-072018	7/20/2018	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0028	J		<0.0052	U		<0.0052	U	
		VMP-10-30-072018-DUP	7/20/2018	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0029	J		<0.0053	U		<0.0053	U	
		VMP-10-30-102618	10/26/2018	<0 004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0022	J		<0.0047	U		<0.0047	U	
		VMP-10-30-102618-DUP	10/26/2018	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0024	J		<0.0046	U		<0.0046	U	
		VMP-10-30-020119	2/1/2019	0.0028	J		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0026	J		<0.0047	U		<0.0047	U	
		VMP-10-30-050219	5/2/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0028	J		<0.0048	U		<0.0048	U	
		VMP-10-30-050219-DUP	5/2/2019	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0023	J		<0.0048	U		<0.0048	U	
VMP-11	5 ft	VMP-11-5-072618	7/26/2018	0 002	J		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0021	J		<0.0051	U		<0.0051	U	
		VMP-11-5-103018	10/30/2018	<0 004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0028	J		<0.0047	U		<0.0047	U	
		VMP-11-5-020419	2/4/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0027	J		<0.0048	U		<0.0048	U	
		VMP-11-5-043019	4/30/2019	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0026	J		<0.0048	U		<0.0048	U	
	8 ft	VMP-11-8-072618	7/26/2018	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0013	J		<0.0044	U		<0.0044	U	
		VMP-11-8-103018	10/30/2018	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U	
		VMP-11-8-020419	2/4/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U	
		VMP-11-8-043019	4/30/2019	0.0029	J		<0.0088	U		<0.0069	U		0.0011	J		<0.0069	U		0.0026	J		<0.0046	U		<0.0046	U	
	29 ft	VMP-11-29-072618	7/26/2018	<0.0039	U		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0023	J		<0.0046	U		<0.0046	U	
		VMP-11-29-103018	10/30/2018	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0028	J		<0.0048	U		<0.0048	U	
		VMP-11-29-020419	2/4/2019	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.0051	U	
		VMP-11-29-043019	4/30/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0.0048	U	
	38 ft	VMP-11-38-072618	7/26/2018	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0017	J		<0.0048	U		<0.0048	U	
		VMP-11-38-072618-DUP	7/26/2018	<0 004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0014	J		<0.0047	U		<0.0047	U	
		VMP-11-38-103018	10/30/2018	<0 004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0029	J		<0.0047	U		<0.0047	U	
		VMP-11-38-020119	2/1/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0023	J		<0.0045	U		<0.0045	U	
		VMP-11-38-020119-DUP	2/1/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U	
		VMP-11-38-043019	4/30/2019	<0.0039	U		<0.0086	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0024	J		<0.0046	U		<0.0046	U	
		VMP-11-38-043019-Dup	4/30/2019	<0 004	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0026	J		<0.0046	U		<0.0046	U	
VMP-12	5 ft	VMP-12-5-072718	7/27/2018	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-12-5-103118	10/31/2018	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U	
		VMP-12-5-012819	1/28/2019	<0 004	U		<0.009	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0024	J		<0.0048	U		<0.0048	U	
		VMP-12-5-012819-DUP	1/28/2019	<0 004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0027	J		<0.0047	U		<0.0047	U	
		VMP-12-5-050319	5/3/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		<0.0062	U		<0.005	U		<0.005	U	
	11.5 ft	VMP-12-11.5-103118	10/31/2018	<0.0039	U		<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0031	J		<0.0046	U		<0.0046	U	
		VMP-12-11.5-012819	1/28/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0025	J		<0.0046	U		<0.0046	U	
		VMP-12-11.5-050319	5/3/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.006	U		<0.005	U		<0.005	U	
	25 ft	VMP-12-25-072718	7/27/2018	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0021	J		<0.0051	U		<0.0051	U	
		VMP-12-25-103118	10/31/2018	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0 003	J		<0.0049	U		<0.0049	U	
		VMP-12-25-012819	1/28/2019	<0.0039	U		<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0024	J		<0.0046	U		<0.0046	U	
		VMP-12-25-050319	5/3/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U	
		VMP-12-25-050319-DUP	5/3/2019	<0.0037	U		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		<0.0053	U		<0.0043	U		<0.0043	U	
	39 ft	VMP-12-39-072718	7/27/2018	<1	U		<2.3	U		<1.8	U		<1.8	U		<1.8	U		<1 5	U		<1.2	U		<1.2	U	
		VMP-12-39-103118	10/31/2018	<2	U		<4.4	U		<3.4	U		<3.4	U		<3.4	U		<2 8	U		<2.3	U		<2.3	U	
		VMP-12-39-103118-DUP	10/31/2018	<0.51	U		<1.1	U		<0.9	U		<0.9	U		<0.9	U		<0.74	U		<0.6	U		<0.6	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.048			1700						6800			1700			4200			0.81		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-072418	7/24/2018	0.0015	J		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0024	J		<0.0046	U		<0.0046	U	
		VMP-13-5-102918	10/29/2018	0.0019	J		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0021	J		<0.005	U		<0.005	U	
		VMP-13-5-012919	1/29/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0025	J		<0.0044	U		<0.0044	U	
		VMP-13-5-050119	5/1/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0023	J		<0.005	U		<0.005	U	
	10.5 ft	VMP-13-10.5-072418	7/24/2018	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0029	J		<0.0049	U		<0.0049	U	
		VMP-13-10.5-102918	10/29/2018	<0.0036	U		<0.0081	U		<0.0063	U		<0.0063	U		<0.0063	U		0.0025	J		<0.0042	U		<0.0042	U	
		VMP-13-10.5-012919	1/29/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0023	J		<0.0044	U		<0.0044	U	
		VMP-13-10.5-050119	5/1/2019	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U	
	21.5 ft	VMP-13-21.5-072418	7/24/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0 003	J		<0.005	U		<0.005	U	
		VMP-13-21.5-102918	10/29/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0.0048	U	
		VMP-13-21.5-020419	2/4/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0025	J		<0.0046	U		<0.0046	U	
		VMP-13-21.5-050119	5/1/2019	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0053	U		<0.0053	U	
	29.5 ft	VMP-13-29.5-072418	7/24/2018	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0027	J		<0.0048	U		<0.0048	U	
		VMP-13-29.5-102918	10/29/2018	<0 004	U		<0.009	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0027	J		<0.0048	U		<0.0048	U	
		VMP-13-29.5-102918-DUP	10/29/2018	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-13-29.5-012919	1/29/2019	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0026	J		<0.0044	U		<0.0044	U	
		VMP-13-29.5-050119	5/1/2019	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0053	U		<0.0053	U	
VMP-14	5 ft	VMP-14-5-072518	7/25/2018	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-14-5-102918	10/29/2018	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0028	J		<0.005	U		<0.005	U	
		VMP-14-5-012919	1/29/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0028	J		<0.0045	U		<0.0045	U	
		VMP-14-5-012919-DUP	1/29/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0024	J		<0.0045	U		<0.0045	U	
		VMP-14-5-050119	5/1/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.006	U		<0.005	U		<0.005	U	
	11.5 ft	VMP-14-11.5-072518	7/25/2018	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0028	J		<0.0053	U		<0.0053	U	
		VMP-14-11.5-102918	10/29/2018	<0 004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0028	J		<0.0047	U		<0.0047	U	
		VMP-14-11.5-012919	1/29/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0028	J		<0.0046	U		<0.0046	U	
		VMP-14-11.5-050119	5/1/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U	
	20 ft	VMP-14-20-072518	7/25/2018	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0029	J		<0.0049	U		<0.0049	U	
		VMP-14-20-102918	10/29/2018	<0.0039	U		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0025	J		<0.0046	U		<0.0046	U	
		VMP-14-20-020419	2/4/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	
		VMP-14-20-050119	5/1/2019	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0028	J		<0.0053	U		<0.0053	U	
	29 ft	VMP-14-29-072518	7/25/2018	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0029	J		<0.0049	U		<0.0049	U	
		VMP-14-29-072518-DUP	7/25/2018	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0033	J		<0.0052	U		<0.0052	U	
		VMP-14-29-102918	10/29/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0018	J		<0.005	U		<0.005	U	
		VMP-14-29-102918-DUP	10/29/2018	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0027	J		<0.0045	U		<0.0045	U	
		VMP-14-29-020419	2/4/2019	<0.0041	U		<0.0091	U		<0.0072	U		0.0013	J		<0.0072	U		0.0025	J		<0.0048	U		<0.0048	U	
		VMP-14-29-050119	5/1/2019	0 024			<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U	
VMP-15	5 ft	VMP-15-5-072518	7/25/2018	0.0088			<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0025	J		<0.005	U		<0.005	U	
		VMP-15-5-103018	10/30/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0049	U		<0.0049	U	
		VMP-15-5-012419	1/24/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0025	J		<0.0046	U		<0.0046	U	
		VMP-15-5-050119	5/1/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U	
	21.5 ft	VMP-15-21.5-072518	7/25/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0 002	J		<0.0048	U		<0.0048	U	
		VMP-15-21.5-103018	10/30/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0017	J		<0.005	U		<0.005	U	
		VMP-15-21.5-012419	1/24/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0017	J		<0.0044	U		<0.0044	U	
		VMP-15-21.5-050119	5/1/2019	<0 028	U		<0.061	U		<0.048	U		<0.048	U		<0.048	U		<0.04	U		<0.032	U		<0.032	U	
	25.5 ft	VMP-15-25.5-072518	7/25/2018	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0016	J		<0.005	U		<0.005	U	
		VMP-15-25.5-103018	10/30/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0016	J		<0.005	U		<0.005	U	
		VMP-15-25.5-012419	1/24/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0 002	J		<0.0044	U		<0.0044	U	
		VMP-15-25.5-050119	5/1/2019	0 086			<0.061	U		<0.047	U		<0.048	U		<0.048	U		<0.039	U		<0.032	U		<0.032	U	
		VMP-15-25.5-050119-DUP	5/1/2019	0 082			<0.059	U		<0.046	U		<0.046	U		<0.046	U		<0.038	U		<0.031	U		<0.031	U	
	29 ft	VMP-15-29-072518	7/25/2018	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U	
		VMP-15-29-103018	10/30/2018	<0 004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		<0.0058	U		<0.0047	U		<0.0047	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.048			1700						6800			1700			4200			0.81		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-072718	7/27/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U	
		VMP-16-5-103118	10/31/2018	<0.0039	U		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0035	J		<0.0046	U		<0.0046	U	
		VMP-16-5-012819	1/28/2019	0 011			<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0024	J		<0.0047	U		<0.0047	U	
		VMP-16-5-050219	5/2/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U	
	13.5 ft	VMP-16-13.5-072718	7/27/2018	<0.43	U		<0.97	U		<0.76	U		<0.76	U		<0.76	U		<0.62	U		<0.51	U		<0.51	U	
		VMP-16-13.5-103118	10/31/2018	<0.66	U		<1.5	U		<1.1	U		<1.1	U		<1.1	U		<0.94	U		<0.77	U		<0.77	U	
		VMP-16-13.5-012819	1/28/2019	9.5			<2.9	U		<2.3	U		<2.3	U		<2.3	U		<1 9	U		<1.5	U		<1.5	U	
		VMP-16-13.5-050219	5/2/2019	3.8			<0.59	U		<0.46	U		<0.46	U		<0.46	U		<0.38	U		<0.31	U		<0.31	U	
	19 ft	VMP-16-19-072718	7/27/2018	<0.43	U		<0.97	U		<0.76	U		<0.76	U		<0.76	U		<0.62	U		<0.51	U		<0.51	U	
		VMP-16-19-103118	10/31/2018	35			<1.5	U		<1.2	U		<1.2	U		<1.2	U		<0.97	U		<0.79	U		<0.79	U	
		VMP-16-19-012819	1/28/2019	18			<3.5	U		<2.7	U		<2.7	U		<2.7	U		<2 2	U		<1.8	U		<1.8	U	
		VMP-16-19-050219	5/2/2019	36			<1.8	U		<1.4	U		<1.4	U		<1.4	U		<1 2	U		<0.98	U		<0.98	U	
	31 ft	VMP-16-31-072718	7/27/2018	<2 2	U		<4.8	U		<3.8	U		<3.8	U		<3.8	U		<3.1	U		<2.6	U		<2.5	U	
		VMP-16-31-103118	10/31/2018	62			<4.7	U		<3.7	U		<3.7	U		<3.7	U		<3	U		<2.5	U		<2.5	U	
		VMP-16-31-012819	1/28/2019	50			<14	U		<11	U		<11	U		<11	U		<9	U		<7.3	U		<7.3	U	
		VMP-16-31-050219	5/2/2019	53			<2.2	U		<1.7	U		<1.7	U		<1.7	U		<1.4	U		<1.2	U		<1.2	U	
		VMP-16-31-050219-DUP	5/2/2019	55			<3	U		<2.3	U		<2.3	U		<2.3	U		<1 9	U		<1.6	U		<1.6	U	
VMP-17	5 ft	VMP-17-5-071818	7/18/2018	0.0078			<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U	
		VMP-17-5-103018	10/30/2018	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U	
		VMP-17-5-012419	1/24/2019	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0027	J		<0.0044	U		<0.0044	U	
		VMP-17-5-042519	4/25/2019	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0027	J		<0.0052	U		<0.0052	U	
VMP-25	5 ft	VMP-25-5-073118	7/31/2018	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0019	J		<0.0048	U		<0.0048	U	
		VMP-25-5-073118-DUP	7/31/2018	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0022	J		<0.0048	U		<0.0048	U	
		VMP-25-5-103018	10/30/2018	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U	
		VMP-25-5-103018-DUP	10/30/2018	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U	
		VMP-25-5-012219	1/22/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0022	J		<0.0044	U		<0.0044	U	
		VMP-25-5-012219-DUP	1/22/2019	<0.0036	U		<0.008	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0022	J		<0.0042	U		<0.0042	U	
		VMP-25-5-042519	4/25/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U	
		VMP-25-5-042519-DUP	4/25/2019	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U	
VMP-29	10 ft	VMP-29-10-072418	7/24/2018	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0029	J		<0.0046	U		<0.0046	U	
		VMP-29-10-102618	10/26/2018	<0 004	U		<0.0089	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0024	J		<0.0047	U		<0.0047	U	
		VMP-29-10-050219	5/2/2019	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U	
	18 ft	VMP-29-18-072418	7/24/2018	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0023	J		<0.0048	U		<0.0048	U	
		VMP-29-18-102618	10/26/2018	<0 004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0021	J		<0.0047	U		<0.0047	U	
		VMP-29-18-012519	1/25/2019	0.0018	J		<0.0081	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0027	J		<0.0043	U		<0.0043	U	
		VMP-29-18-050219	5/2/2019	0.0013	J		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0027	J		<0.0052	U		<0.0052	U	
	26 ft	VMP-29-26-072418	7/24/2018	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0 002	J		<0.0048	U		<0.0048	U	
		VMP-29-26-102618	10/26/2018	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0023	J		<0.0052	U		<0.0052	U	
		VMP-29-26-102618-DUP	10/26/2018	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0019	J		<0.0045	U		<0.0045	U	
		VMP-29-26-012519	1/25/2019	<0.0036	U		<0.0081	U		<0.0063	U		<0.0063	U		<0.0063	U		0.0026	J		<0.0043	U		<0.0043	U	
		VMP-29-26-012519-DUP	1/25/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0027	J		<0.0046	U		<0.0046	U	
		VMP-29-26-050219	5/2/2019	0.0047			<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U	
VMP-30	10 ft	VMP-30-10-072418	7/24/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0049	U		<0.0049	U	
		VMP-30-10-102618	10/26/2018	<0 004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0025	J		<0.0047	U		<0.0047	U	
		VMP-30-10-012519	1/25/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0.0048	U	
		VMP-30-10-050219	5/2/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0.0048	U	
	18 ft	VMP-30-18-072418	7/24/2018	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0 003	J		<0.0052	U		<0.0052	U	
		VMP-30-18-102618	10/26/2018	<0.0037	U		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0028	J		<0.0043	U		<0.0043	U	
		VMP-30-18-012519	1/25/2019	<0.0036	U		<0.0081	U		<0.0063	U		<0.0063	U		<0.0063	U		0 003	J		<0.0042	U		<0.0042	U	
		VMP-30-18-050219	5/2/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0 002	J		<0.0049	U		<0.0049	U	
	26 ft	VMP-30-26-072418	7/24/2018	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U	
		VMP-30-26-072418-DUP	7/24/2018	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0026	J		<0.005	U		<0.005	U	
		VMP-30-26-102618	10/26/2018	<0.0039	U		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0029	J		<0.0046	U		<0.0046	U	
		VMP-30-26-012519	1/25/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0027	J		<0.0044	U		<0.0044	U	
		VMP-30-26-050219	5/2/2019	0 011			<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.0023	J		<0.0047	U		<0.0047	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.048			1700						6800			1700			4200			0.81		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-072018	7/20/2018	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0023	J		<0.0051	U		<0.0051	U	
		VMP-41-10-102518	10/25/2018	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0024	J		<0.0048	U		<0.0048	U	
		VMP-41-10-012919	1/29/2019	5.3			<0.84	U		<0.66	U		<0.66	U		<0.66	U		<0.54	U		<0.44	U		<0.44	U	
		VMP-41-10-022719R	2/27/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U	
		VMP-41-10-050319	5/3/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U	
	20 ft	VMP-41-20-072018	7/20/2018	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0028	J		<0.0048	U		<0.0048	U	
		VMP-41-20-102518	10/25/2018	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0024	J		<0.0048	U		<0.0048	U	
		VMP-41-20-012919	1/29/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0022	J		<0.0046	U		<0.0046	U	
		VMP-41-20-050319	5/3/2019	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0057	U		<0.0057	U	
	26 ft	VMP-41-26-072018	7/20/2018	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0027	J		<0.0048	U		<0.0048	U	
		VMP-41-26-102518	10/25/2018	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0025	J		<0.0049	U		<0.0049	U	
		VMP-41-26-012919	1/29/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0022	J		<0.0045	U		<0.0045	U	
		VMP-41-26-050319	5/3/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		<0.0062	U		<0.0051	U		<0.0051	U	
VMP-55	5 ft	VMP-55-5-103018	10/30/2018	<0 004	U		<0.0089	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0024	J		<0.0047	U		<0.0047	U	
	20 ft	VMP-55-20-072518	7/25/2018	3.7			<0.6	U		<0.47	U		<0.47	U		<0.47	U		<0.38	U		<0.32	U		<0.32	U	
		VMP-55-20-103018	10/30/2018	4.2			<3.3	U		<2.6	U		<2.6	U		<2.6	U		<2.1	U		<1.7	U		<1.7	U	
		VMP-55-20-050119	5/1/2019	19			<0.96	U		<0.75	U		<0.75	U		<0.75	U		<0.62	U		<0.5	U		<0.5	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				1600			1100000			510			45			2.3									2.3		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-072018	7/20/2018	<0 005	U		<0.005	U		<0.005	U		0.0034	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-10-5-102618	10/26/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-10-5-012419	1/24/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.036	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-10-5-050219	5/2/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
	10 ft	VMP-10-10-072018	7/20/2018	<0 005	U		<0.005	U		<0.005	U		0.0043	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-10-10-102618	10/26/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
		VMP-10-10-012419	1/24/2019	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-10-10-050219	5/2/2019	<0 005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		0.0062	J	
	20 ft	VMP-10-20-072018	7/20/2018	<0 005	U		<0.005	U		<0.005	U		0.0058	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-10-20-102618	10/26/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-10-20-012419	1/24/2019	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-10-20-050219	5/2/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
	30 ft	VMP-10-30-072018	7/20/2018	<0.0051	U		<0.0051	U		<0.0051	U		0.009	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-10-30-072018-DUP	7/20/2018	<0.0052	U		<0.0052	U		<0.0052	U		0.0052	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-10-30-102618	10/26/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-10-30-102618-DUP	10/26/2018	<0.0045	U		<0.0045	U		<0.0045	U		0.0033	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-10-30-020119	2/1/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-10-30-050219	5/2/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		0.0025	J	
		VMP-10-30-050219-DUP	5/2/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
VMP-11	5 ft	VMP-11-5-072618	7/26/2018	<0 005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		0.018		
		VMP-11-5-103018	10/30/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-11-5-020419	2/4/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		0.0051	J	
		VMP-11-5-043019	4/30/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
	8 ft	VMP-11-8-072618	7/26/2018	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-11-8-103018	10/30/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-11-8-020419	2/4/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-11-8-043019	4/30/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
	29 ft	VMP-11-29-072618	7/26/2018	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-11-29-103018	10/30/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-11-29-020419	2/4/2019	<0 005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-11-29-043019	4/30/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	38 ft	VMP-11-38-072618	7/26/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-11-38-072618-DUP	7/26/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-11-38-103018	10/30/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-11-38-020119	2/1/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-11-38-020119-DUP	2/1/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-11-38-043019	4/30/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-11-38-043019-Dup	4/30/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
VMP-12	5 ft	VMP-12-5-072718	7/27/2018	<0 005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-12-5-103118	10/31/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-12-5-012819	1/28/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-12-5-012819-DUP	1/28/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-12-5-050319	5/3/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
	11.5 ft	VMP-12-11.5-103118	10/31/2018	<0.0045	U		<0.0045	U		<0.0045	U		0.017	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-12-11.5-012819	1/28/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-12-11.5-050319	5/3/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	25 ft	VMP-12-25-072718	7/27/2018	<0 005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		0.0043	J	
		VMP-12-25-103118	10/31/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-12-25-012819	1/28/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-12-25-050319	5/3/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-12-25-050319-DUP	5/3/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
	39 ft	VMP-12-39-072718	7/27/2018	<1 2	U		<1.2	U		<1.2	U		<4.1	U		<1.4	U		<1.4	U		<1.4	U		<4.3	U	
		VMP-12-39-103118	10/31/2018	<2 3	U		<2.2	U		<2.2	U		<7.9	U		<2.6	U		<2.6	U		<2.6	U		<8.2	U	
		VMP-12-39-103118-DUP	10/31/2018	<0.59	U		<0.59	U		<0.59	U		<2.1	U		<0.69	U		<0.68	U		<0.68	U		<2.1	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				1600			1100000			510			45			2.3									2.3		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-072418	7/24/2018	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-13-5-102918	10/29/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-13-5-012919	1/29/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-13-5-050119	5/1/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
	10.5 ft	VMP-13-10.5-072418	7/24/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-13-10.5-102918	10/29/2018	<0.0042	U		<0.0042	U		<0.0042	U		<0.036	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-13-10.5-012919	1/29/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-13-10.5-050119	5/1/2019	<0 005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	21.5 ft	VMP-13-21.5-072418	7/24/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-13-21.5-102918	10/29/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-13-21.5-020419	2/4/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-13-21.5-050119	5/1/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
	29.5 ft	VMP-13-29.5-072418	7/24/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-13-29.5-102918	10/29/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-13-29.5-102918-DUP	10/29/2018	<0 005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-13-29.5-012919	1/29/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-13-29.5-050119	5/1/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
VMP-14	5 ft	VMP-14-5-072518	7/25/2018	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-14-5-102918	10/29/2018	<0 005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-14-5-012919	1/29/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-14-5-012919-DUP	1/29/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-14-5-050119	5/1/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	11.5 ft	VMP-14-11.5-072518	7/25/2018	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-14-11.5-102918	10/29/2018	<0.0046	U		<0.0046	U		<0.0046	U		0.0037	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-14-11.5-012919	1/29/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-14-11.5-050119	5/1/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
	20 ft	VMP-14-20-072518	7/25/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-14-20-102918	10/29/2018	<0.0045	U		<0.0045	U		<0.0045	U		0.0046	J		<0.0052	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-14-20-020419	2/4/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-14-20-050119	5/1/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
	29 ft	VMP-14-29-072518	7/25/2018	<0.0048	U		<0.0048	U		<0.0048	U		0.0045	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-14-29-072518-DUP	7/25/2018	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-14-29-102918	10/29/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-14-29-102918-DUP	10/29/2018	<0.0044	U		<0.0044	U		<0.0044	U		0.0027	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-14-29-020419	2/4/2019	<0.0047	U		<0.0047	U		0.0019	J		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-14-29-050119	5/1/2019	<0.0048	U		<0.0048	U		<0.0048	U		0.0077	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
VMP-15	5 ft	VMP-15-5-072518	7/25/2018	<0 005	U		0.012			<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-15-5-103018	10/30/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-15-5-012419	1/24/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-15-5-050119	5/1/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	21.5 ft	VMP-15-21.5-072518	7/25/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-15-21.5-103018	10/30/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-15-21.5-012419	1/24/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-15-21.5-050119	5/1/2019	<0 032	U		<0.032	U		<0.032	U		<0.28	U		<0.037	U		<0.036	U		<0.036	U		<0.12	U	
	25.5 ft	VMP-15-25.5-072518	7/25/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-15-25.5-103018	10/30/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-15-25.5-012419	1/24/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-15-25.5-050119	5/1/2019	<0 031	U		<0.031	U		<0.031	U		<0.27	U		<0.036	U		<0.036	U		<0.036	U		<0.11	U	
		VMP-15-25.5-050119-DUP	5/1/2019	<0.03	U		<0.03	U		<0.03	U		<0.27	U		<0.036	U		<0.035	U		<0.035	U		<0.11	U	
	29 ft	VMP-15-29-072518	7/25/2018	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-15-29-103018	10/30/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				1600			1100000			510			45			2.3									2.3		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-072718	7/27/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-16-5-103118	10/31/2018	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-16-5-012819	1/28/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-16-5-050219	5/2/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	13.5 ft	VMP-16-13.5-072718	7/27/2018	<0 5	U		<0.5	U		<0.5	U		<1.8	U		<0.58	U		<0.57	U		<0.57	U		<1.8	U	
		VMP-16-13.5-103118	10/31/2018	<0.76	U		<0.76	U		<0.76	U		<2.6	U		<0.88	U		<0.87	U		<0.87	U		<2.8	U	
		VMP-16-13.5-012819	1/28/2019	<1 5	U		<1.5	U		<1.5	U		1	J		<1.8	U		<1.7	U		<1.7	U		<5.5	U	
		VMP-16-13.5-050219	5/2/2019	<0 3	U		<0.3	U		<0.3	U		<1.1	U		<0.36	U		<0.35	U		<0.35	U		<1.1	U	
	19 ft	VMP-16-19-072718	7/27/2018	<0 5	U		<0.5	U		<0.5	U		<1.8	U		<0.58	U		<0.57	U		<0.57	U		<1.8	U	
		VMP-16-19-103118	10/31/2018	<0.78	U		<0.78	U		<0.78	U		<2.7	U		<0.9	U		<0.89	U		<0.89	U		<2.8	U	
		VMP-16-19-012819	1/28/2019	<1 8	U		<1.8	U		<1.8	U		<16	U		<2.1	U		<2	U		<2	U		<6.5	U	
		VMP-16-19-050219	5/2/2019	<0.96	U		<0.96	U		<0.96	U		<3.4	U		<1.1	U		<1.1	U		<1.1	U		<3.5	U	
	31 ft	VMP-16-31-072718	7/27/2018	<2 5	U		<2.5	U		<2.5	U		<8.8	U		<2.9	U		<2 8	U		<2.8	U		<9.1	U	
		VMP-16-31-103118	10/31/2018	<2.4	U		<2.4	U		<2.4	U		<8.5	U		<2.8	U		<2 8	U		<2.8	U		<8.8	U	
		VMP-16-31-012819	1/28/2019	<7 2	U		<7.2	U		<7.2	U		26	J		<8.4	U		<8 2	U		<8.2	U		<26	U	
		VMP-16-31-050219	5/2/2019	<1 2	U		<1.2	U		<1.2	U		<4	U		<1.3	U		<1 3	U		<1.3	U		<4.2	U	
		VMP-16-31-050219-DUP	5/2/2019	<1 5	U		<1.5	U		<1.5	U		<5.4	U		<1.8	U		<1 8	U		<1.8	U		<5.6	U	
VMP-17	5 ft	VMP-17-5-071818	7/18/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-17-5-103018	10/30/2018	<0 005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-17-5-012419	1/24/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-17-5-042519	4/25/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
VMP-25	5 ft	VMP-25-5-073118	7/31/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-25-5-073118-DUP	7/31/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-25-5-103018	10/30/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-25-5-103018-DUP	10/30/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-25-5-012219	1/22/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-25-5-012219-DUP	1/22/2019	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-25-5-042519	4/25/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-25-5-042519-DUP	4/25/2019	<0 005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
VMP-29	10 ft	VMP-29-10-072418	7/24/2018	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-29-10-102618	10/26/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
		VMP-29-10-050219	5/2/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	18 ft	VMP-29-18-072418	7/24/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-29-18-102618	10/26/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-29-18-012519	1/25/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-29-18-050219	5/2/2019	<0 005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		0.0027	J	
	26 ft	VMP-29-26-072418	7/24/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-29-26-102618	10/26/2018	<0 005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-29-26-102618-DUP	10/26/2018	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-29-26-012519	1/25/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-29-26-012519-DUP	1/25/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-29-26-050219	5/2/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
VMP-30	10 ft	VMP-30-10-072418	7/24/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-30-10-102618	10/26/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-30-10-012519	1/25/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-30-10-050219	5/2/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	18 ft	VMP-30-18-072418	7/24/2018	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-30-18-102618	10/26/2018	<0.0042	U		<0.0042	U		<0.0042	U		0.0044	J		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-30-18-012519	1/25/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.036	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-30-18-050219	5/2/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	26 ft	VMP-30-26-072418	7/24/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-30-26-072418-DUP	7/24/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-30-26-102618	10/26/2018	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-30-26-012519	1/25/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-30-26-050219	5/2/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				1600			1100000			510			45			2.3									2.3		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-072018	7/20/2018	<0 005	U		<0.005	U		<0.005	U		0.0039	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-41-10-102518	10/25/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-41-10-012919	1/29/2019	<0.44	U		<0.44	U		<0.44	U		0.59	J		<0.51	U		<0 5	U		<0.5	U		<1.6	U	
		VMP-41-10-022719R	2/27/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-41-10-050319	5/3/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	20 ft	VMP-41-20-072018	7/20/2018	<0.0047	U		<0.0047	U		<0.0047	U		0.0042	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-41-20-102518	10/25/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-41-20-012919	1/29/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-41-20-050319	5/3/2019	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
	26 ft	VMP-41-26-072018	7/20/2018	<0.0047	U		<0.0047	U		<0.0047	U		0.0043	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-41-26-102518	10/25/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-41-26-012919	1/29/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-41-26-050319	5/3/2019	<0 005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
VMP-55	5 ft	VMP-55-5-103018	10/30/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
	20 ft	VMP-55-20-072518	7/25/2018	<0.31	U		<0.31	U		<0.31	U		0.35	J		<0.36	U		<0.35	U		<0.35	U		<1.1	U	
		VMP-55-20-103018	10/30/2018	<1.7	U		<1.7	U		<1.7	U		4.7	J		<2	U		<1 9	U		<1.9	U		<6.2	U	
		VMP-55-20-050119	5/1/2019	<0.49	U		<0.49	U		<0.49	U		<1.7	U		<0.58	U		<0.56	U		<0.56	U		<1.8	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							9.3																				
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-072018	7/20/2018	0.0098			<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0025	J		<0.054	U		0.0029	J	
		VMP-10-5-102618	10/26/2018	0.0042	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-10-5-012419	1/24/2019	0.0026	J		<0.0046	U		<0.0052	U		<0.008	U		<0.0073	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-10-5-050219	5/2/2019	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
	10 ft	VMP-10-10-072018	7/20/2018	0 005	J		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-10-10-102618	10/26/2018	<0.0087	U		<0.005	U		<0.0057	U		<0.0088	U		<0.0081	U		<0.0047	U		<0.049	U		<0.0041	U	
		VMP-10-10-012419	1/24/2019	<0.0078	U		<0.0045	U		<0.0051	U		<0.0079	U		<0.0072	U		<0.0042	U		<0.044	U		<0.0036	U	
		VMP-10-10-050219	5/2/2019	0.0083	J		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
	20 ft	VMP-10-20-072018	7/20/2018	0 015			<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0.0044	U	
		VMP-10-20-102618	10/26/2018	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-10-20-012419	1/24/2019	<0.0079	U		<0.0045	U		<0.0051	U		<0.008	U		<0.0073	U		<0.0043	U		<0.044	U		<0.0037	U	
		VMP-10-20-050219	5/2/2019	<0.0092	U		0.0015	J		<0.006	U		<0.0094	U		<0.0085	U		0 014			<0.052	U		0.025		
	30 ft	VMP-10-30-072018	7/20/2018	0 014			<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		0.0028	J		<0.055	U		0.0044	J	
		VMP-10-30-072018-DUP	7/20/2018	0 007	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-10-30-102618	10/26/2018	<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-10-30-102618-DUP	10/26/2018	<0.0086	U		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-10-30-020119	2/1/2019	0.0027	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-10-30-050219	5/2/2019	<0 009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-10-30-050219-DUP	5/2/2019	<0.0089	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0042	U	
VMP-11	5 ft	VMP-11-5-072618	7/26/2018	0 024			<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0043	J		<0.054	U		<0.0044	U	
		VMP-11-5-103018	10/30/2018	<0.0088	U		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-11-5-020419	2/4/2019	<0 009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-11-5-043019	4/30/2019	<0.0089	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0042	U	
	8 ft	VMP-11-8-072618	7/26/2018	0 017			0.0033	J		<0.0054	U		<0.0084	U		<0.0076	U		0.0046			<0.047	U		0.0056		
		VMP-11-8-103018	10/30/2018	<0 009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-11-8-020419	2/4/2019	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-11-8-043019	4/30/2019	<0.0087	U		0.0075			<0.0056	U		<0.0088	U		<0.008	U		0 023			<0.049	U		0.024		
	29 ft	VMP-11-29-072618	7/26/2018	0 021			<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-11-29-103018	10/30/2018	0.0045	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		0.0015	J		<0.051	U		0.0021	J	
		VMP-11-29-020419	2/4/2019	<0.0095	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-11-29-043019	4/30/2019	<0 009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		0.00087	J		<0.051	U		<0.0042	U	
	38 ft	VMP-11-38-072618	7/26/2018	0.0081	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0042	U	
		VMP-11-38-072618-DUP	7/26/2018	0.0088			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-11-38-103018	10/30/2018	<0.0088	U		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		0.00098	J	
		VMP-11-38-020119	2/1/2019	0.0036	J		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		0.0019	J	
		VMP-11-38-020119-DUP	2/1/2019	0.0039	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		0.0023	J	
		VMP-11-38-043019	4/30/2019	<0.0085	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-11-38-043019-Dup	4/30/2019	<0.0087	U		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		0.00094	J		<0.049	U		<0.004	U	
VMP-12	5 ft	VMP-12-5-072718	7/27/2018	0 017			<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-12-5-103118	10/31/2018	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	ND,UJ	UJ	<0.0043	U	
		VMP-12-5-012819	1/28/2019	0.0059	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-12-5-012819-DUP	1/28/2019	0.0068	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-12-5-050319	5/3/2019	<0.0094	U		<0.0054	U		<0.0061	U		<0.0095	ND,UJ		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
	11.5 ft	VMP-12-11.5-103118	10/31/2018	0 038			<0.0049	U		<0.0056	U		<0.0087	U		<0.008	U		<0.0047	U		<0.049	ND,UJ	UJ	<0.004	U	
		VMP-12-11.5-012819	1/28/2019	0 004	J		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-12-11.5-050319	5/3/2019	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	ND,UJ		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
	25 ft	VMP-12-25-072718	7/27/2018	0 01			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-12-25-103118	10/31/2018	<0.0092	U		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	ND,UJ	UJ	<0.0043	U	
		VMP-12-25-012819	1/28/2019	0.0053	J		<0.0049	U		<0.0056	U		<0.0087	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-12-25-050319	5/3/2019	<0 009	U		<0.0052	U		<0.0059	U		<0.0092	ND,UJ		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-12-25-050319-DUP	5/3/2019	<0.0081	U		<0.0046	U		<0.0053	U		<0.0082	ND,UJ		<0.0075	U		<0.0044	U		<0.046	U		<0.0038	U	
	39 ft	VMP-12-39-072718	7/27/2018	<2 2	U		<1.3	U		<1.5	U		<2.3	U		<2.1	U		<1 2	U		<13	U		2.8		J
		VMP-12-39-103118	10/31/2018	<4 3	U		<2.5	U		<2.8	U		<4.4	U		<4	U		<2 3	U		<24	U		2		
		VMP-12-39-103118-DUP	10/31/2018	<1.1	U		<0.65	U		<0.73	U		<1.1	U		<1	U		<0.61	U		<6.4	U		1.6		

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							9.3																				
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-072418	7/24/2018	0.0039	J		<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		0.0014	J		<0.048	U		0.0054		
		VMP-13-5-102918	10/29/2018	<0.0093	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		0.0017	J		<0.052	U		0.0092		
		VMP-13-5-012919	1/29/2019	<0.0082	U		<0.0047	U		<0.0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.046	U		<0.0038	U	
		VMP-13-5-050119	5/1/2019	<0.0094	U		<0.0054	U		<0.0061	U		<0.0095	U	UJ	<0.0087	U		<0.0051	U		<0.053	U		0.0042	J	
	10.5 ft	VMP-13-10.5-072418	7/24/2018	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		0 003	J		<0.052	U		<0.0043	U	
		VMP-13-10.5-102918	10/29/2018	0.0047	J		<0.0046	U		<0.0052	U		<0.008	U		<0.0073	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-13-10.5-012919	1/29/2019	<0.0083	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		0.0055		
		VMP-13-10.5-050119	5/1/2019	<0.0095	U		<0.0055	U		<0.0062	U		<0.0097	U	UJ	<0.0088	U		<0.0052	U		<0.054	U		0.0025	J	
	21.5 ft	VMP-13-21.5-072418	7/24/2018	0 02			<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-13-21.5-102918	10/29/2018	<0 009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.0024	J	
		VMP-13-21.5-020419	2/4/2019	<0.0086	U		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-13-21.5-050119	5/1/2019	<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U	UJ	<0.0091	U		<0.0053	U		<0.055	U		0.0047		
	29.5 ft	VMP-13-29.5-072418	7/24/2018	<0 009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-13-29.5-102918	10/29/2018	<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-13-29.5-102918-DUP	10/29/2018	<0.0094	U		<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0.0044	U	
		VMP-13-29.5-012919	1/29/2019	<0.0081	U		<0.0047	U		<0.0053	U		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-13-29.5-050119	5/1/2019	<0.0098	U		<0.0057	U		<0.0064	U		<0.01	U	UJ	<0.0091	U		<0.0053	U		<0.056	U		0.0025	J	
VMP-14	5 ft	VMP-14-5-072518	7/25/2018	0.0097	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-14-5-102918	10/29/2018	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-14-5-012919	1/29/2019	0.0096			<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-14-5-012919-DUP	1/29/2019	0.0077	J		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-14-5-050119	5/1/2019	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U	UJ	<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
	11.5 ft	VMP-14-11.5-072518	7/25/2018	0.0076	J		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-14-11.5-102918	10/29/2018	<0.0088	U		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-14-11.5-012919	1/29/2019	<0.0086	U		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-14-11.5-050119	5/1/2019	0 017			<0.0053	U		<0.006	U		<0.0093	U	UJ	<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
	20 ft	VMP-14-20-072518	7/25/2018	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-14-20-102918	10/29/2018	0.0034	J		<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-14-20-020419	2/4/2019	0.0099			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-14-20-050119	5/1/2019	0 014			<0.0057	U		<0.0065	U		<0.01	U	UJ	<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
	29 ft	VMP-14-29-072518	7/25/2018	0 031		J	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		0.0028	J		<0.052	U		0.0033	J	
		VMP-14-29-072518-DUP	7/25/2018	0 01		J	<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		0.0034	J	
		VMP-14-29-102918	10/29/2018	<0.0093	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-14-29-102918-DUP	10/29/2018	<0.0084	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-14-29-020419	2/4/2019	<0 009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-14-29-050119	5/1/2019	<0.0092	U		0.014			<0.006	U		<0.0093	U	UJ	<0.0085	U		0 004	J		<0.052	U		<0.0043	U	
VMP-15	5 ft	VMP-15-5-072518	7/25/2018	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		0.0089			<0.053	U		0.04		
		VMP-15-5-103018	10/30/2018	0.0088	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-15-5-012419	1/24/2019	<0.0086	U		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-15-5-050119	5/1/2019	0 016			<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
	21.5 ft	VMP-15-21.5-072518	7/25/2018	<0 009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.0029	J	
		VMP-15-21.5-103018	10/30/2018	0 023			<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		0.0014	J	
		VMP-15-21.5-012419	1/24/2019	<0.0083	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-15-21.5-050119	5/1/2019	<0.06	U		<0.035	U		<0.039	U		<0.061	U		<0.056	U		0.0089	J		<0.34	U		<0.028	U	
	25.5 ft	VMP-15-25.5-072518	7/25/2018	<0.0094	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-15-25.5-103018	10/30/2018	0 019			<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-15-25.5-012419	1/24/2019	<0.0083	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-15-25.5-050119	5/1/2019	0 025	J		<0.034	U		<0.039	U		<0.06	U		<0.055	U		<0.032	U		<0.34	U		<0.028	U	
		VMP-15-25.5-050119-DUP	5/1/2019	0 024	J		<0.033	U		<0.038	U		<0.059	U		<0.054	U		<0.032	U		<0.33	U		<0.027	U	
	29 ft	VMP-15-29-072518	7/25/2018	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-15-29-103018	10/30/2018	<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0041	U	

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

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							9.3																				
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-072718	7/27/2018	0.0069	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-16-5-103118	10/31/2018	<0.0085	U		<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	ND,UJ	UJ	<0.004	U	
		VMP-16-5-012819	1/28/2019	<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		0.007		
		VMP-16-5-050219	5/2/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U	UJ	<0.0086	U		<0.0051	U		<0.053	U		0.0029	J	
	13.5 ft	VMP-16-13.5-072718	7/27/2018	<0.95	U		<0.55	U		<0.62	U		<0.96	U		<0.88	U		<0.52	U		<5.4	U		0.12	J	
		VMP-16-13.5-103118	10/31/2018	<1.4	U		<0.83	U		<0.94	U		<1.5	U		<1.3	U		<0.78	U		<8.1	U		0.15	J	
		VMP-16-13.5-012819	1/28/2019	1.2	J		<1.6	U		0.39	J		<2.9	U		<2.6	U		<1.6	U		<16	U		1	J	
		VMP-16-13.5-050219	5/2/2019	<0.58	U		<0.33	U		<0.38	U		<0.59	U		<0.54	U		<0.32	U		<3.3	U		0.72		
	19 ft	VMP-16-19-072718	7/27/2018	<0.95	U		6.2		J	34		J	<0.96	U		<0.88	U		3 3		J	<5.4	U		3.2		J
		VMP-16-19-103118	10/31/2018	<1 5	U		6.2			33			<1.5	U		<1.4	U		<0 8	U		<8.3	U		2.6		
		VMP-16-19-012819	1/28/2019	<3.4	U		2.4			6.9			<3.4	U		<3.1	U		<1 8	U		<19	U		1.7		
		VMP-16-19-050219	5/2/2019	<1 8	U		4.7			40			<1.8	U		<1.7	U		5 2			<10	U		3.6		
	31 ft	VMP-16-31-072718	7/27/2018	<4.7	U		3.8			24			<4.8	U		<4.4	U		<2.6	U		<27	U		2.9		
		VMP-16-31-103118	10/31/2018	<4.6	U		4			17			<4.7	U		<4.3	U		<2 5	U		<26	U		2.4		
		VMP-16-31-012819	1/28/2019	<14	U		1.7	J		3.2	J		<14	U		<13	U		<7.4	U		<77	U		1.7	J	
		VMP-16-31-050219	5/2/2019	<2 2	U		2.7			16			<2.2	U		<2	U		<1 2	U		<12	U		2.4		
		VMP-16-31-050219-DUP	5/2/2019	<2 9	U		2.6			16			<3	U		<2.7	U		<1.6	U		<16	U		2.2		
VMP-17	5 ft	VMP-17-5-071818	7/18/2018	0.0082	J		0.018			0.0066			<0.0092	U		<0.0084	U		0 039			<0.051	U		0.12		
		VMP-17-5-103018	10/30/2018	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0055			<0.054	U		0.0076		
		VMP-17-5-012419	1/24/2019	0.0026	J		<0.0047	U		<0.0053	U		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-17-5-042519	4/25/2019	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
VMP-25	5 ft	VMP-25-5-073118	7/31/2018	<0.0089	U		<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0.0042	U	
		VMP-25-5-073118-DUP	7/31/2018	<0.0089	U		<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0.0042	U	
		VMP-25-5-103018	10/30/2018	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-25-5-103018-DUP	10/30/2018	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-25-5-012219	1/22/2019	<0.0082	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.047	U		<0.0038	U	
		VMP-25-5-012219-DUP	1/22/2019	<0.0078	U		<0.0045	U		<0.0051	U		<0.008	U		<0.0073	U		<0.0043	U		<0.044	U		<0.0037	U	
		VMP-25-5-042519	4/25/2019	0.0068	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		0.0031	J		<0.052	U		0.0043		
		VMP-25-5-042519-DUP	4/25/2019	<0.0095	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
VMP-29	10 ft	VMP-29-10-072418	7/24/2018	<0.0086	U		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-29-10-102618	10/26/2018	0.0064	J		<0.005	U		<0.0057	U		<0.0088	U		<0.0081	U		<0.0047	U		<0.049	U		0.0015	J	
		VMP-29-10-050219	5/2/2019	0.0035	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
	18 ft	VMP-29-18-072418	7/24/2018	0.0061	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		0.0021	J		<0.05	U		0.0015	J	
		VMP-29-18-102618	10/26/2018	0.0054	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		0.0013	J	
		VMP-29-18-012519	1/25/2019	0 022			<0.0046	U		<0.0052	U		<0.0081	U		<0.0074	U		0 002	J		<0.045	U		0.0053		
		VMP-29-18-050219	5/2/2019	0.0047	J		0.005	J		0.015			<0.0098	U		<0.0089	U		0 004	J		<0.054	U		0.0067		
	26 ft	VMP-29-26-072418	7/24/2018	0 049			<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		0.0059			<0.051	U		0.0034	J	
		VMP-29-26-102618	10/26/2018	0 01			<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		0.0027	J	
		VMP-29-26-102618-DUP	10/26/2018	0.0086			<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		0.0017	J	
		VMP-29-26-012519	1/25/2019	0 014			0.0011	J		<0.0052	U		<0.0081	U		<0.0074	U		0.0025	J		<0.045	U		0.0051		
		VMP-29-26-012519-DUP	1/25/2019	0.0071	J		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		0.0011	J		<0.049	U		0.0042		
		VMP-29-26-050219	5/2/2019	0.0045	J		0.0051	J		0.0015	J		<0.0095	U		<0.0087	U		0.0075			<0.053	U		<0.0044	U	
VMP-30	10 ft	VMP-30-10-072418	7/24/2018	0 016			<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-30-10-102618	10/26/2018	0.0081	J		0.001	J		0.0014	J		<0.009	U		<0.0082	U		0.0018	J		<0.05	U		0.003	J	
		VMP-30-10-012519	1/25/2019	0 006	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-30-10-050219	5/2/2019	0.0091			<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
	18 ft	VMP-30-18-072418	7/24/2018	0 013			<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-30-18-102618	10/26/2018	0.0068	J		<0.0046	U		<0.0053	U		<0.0082	U		<0.0075	U		<0.0044	U		<0.046	U		0.0012	J	
		VMP-30-18-012519	1/25/2019	0.0055	J		<0.0046	U		<0.0052	U		<0.008	U		<0.0073	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-30-18-050219	5/2/2019	<0.0091	U		0.0016	J		0.0012	J		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
	26 ft	VMP-30-26-072418	7/24/2018	<0.0093	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		0.0012	J	
		VMP-30-26-072418-DUP	7/24/2018	0.0064	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-30-26-102618	10/26/2018	0.0046	J		<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		0.0034	J		<0.048	U		0.003	J	
		VMP-30-26-012519	1/25/2019	0.0054	J		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-30-26-050219	5/2/2019	<0.0087	U		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		0 017			<0.049	U		0.034		

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							9.3																				
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-072018	7/20/2018	0 013			<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0015	J		<0.054	U		<0.0044	U	
		VMP-41-10-102518	10/25/2018	<0.0089	U		<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		0.0014	J	
		VMP-41-10-012919	1/29/2019	0.4	J		18			1.6			<0.84	U		<0.77	U		59			<4.7	U		57		
		VMP-41-10-022719R	2/27/2019	<0 009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-41-10-050319	5/3/2019	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	ND,UJ		<0.0084	U		<0.005	U		<0.052	U		0.0061		
	20 ft	VMP-41-20-072018	7/20/2018	0 014			<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0.0042	U	
		VMP-41-20-102518	10/25/2018	0 022			<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0042	U	
		VMP-41-20-012919	1/29/2019	<0.0086	U		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-41-20-050319	5/3/2019	<0.01	U		<0.0061	U		<0.0069	U		<0.011	ND,UJ		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
	26 ft	VMP-41-26-072018	7/20/2018	0 017			<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-41-26-102518	10/25/2018	0 01			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-41-26-012919	1/29/2019	<0.0084	U		<0.0049	U		0.0033	J		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-41-26-050319	5/3/2019	<0.0094	U		<0.0054	U		<0.0062	U		<0.0096	ND,UJ		<0.0088	U		<0.0051	U		<0.054	U		<0.0044	U	
VMP-55	5 ft	VMP-55-5-103018	10/30/2018	0 011			<0.005	U		<0.0057	U		<0.0088	U		<0.0081	U		<0.0047	U		<0.049	U		<0.0041	U	
	20 ft	VMP-55-20-072518	7/25/2018	0.79			0.32	J		<0.38	U		<0.6	U		<0.54	U		<0.32	U		<3.3	U		0.22	J	
		VMP-55-20-103018	10/30/2018	2.9	J		<1.8	U		<2.1	U		<3.3	U		<3	U		<1 8	U		<18	U		1.9		
		VMP-55-20-050119	5/1/2019	<0.94	U		<0.54	U		<0.61	U		<0.95	U		<0.87	U		<0.51	U		<5.3	U		1.4		

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene		
										3500						24000									8500		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-072018	7/20/2018	<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.018	U		0.0085	J		<0.0062	U		<0.0053	U	
		VMP-10-5-102618	10/26/2018	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U		<0.0051	U	
		VMP-10-5-012419	1/24/2019	<0 017	U		0.0053	J		<0.0052	U		<0.0043	U		<0.015	U		<0.01	U		<0.0052	U		<0.0045	U	
		VMP-10-5-050219	5/2/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
	10 ft	VMP-10-10-072018	7/20/2018	<0 021	U		<0.015	U		0.00082	J		<0.0052	U		<0.018	U		0 016			0.0011	J		<0.0054	U	
		VMP-10-10-102618	10/26/2018	<0 019	U		<0.014	U		<0.0057	U		<0.0047	U		<0.017	U		<0.011	U		<0.0057	U		<0.0049	U	
		VMP-10-10-012419	1/24/2019	<0 017	U		<0.012	U		<0.0051	U		<0.0042	U		<0.015	U		0.0021	J		<0.0051	U		<0.0044	U	
		VMP-10-10-050219	5/2/2019	<0.02	U		0.0032	J		<0.0061	U		<0.0051	U		<0.018	U		0.04			<0.0061	U		<0.0053	U	
	20 ft	VMP-10-20-072018	7/20/2018	<0.02	U		0.016			<0.0062	U		<0.0051	U		<0.018	U		0 022			<0.0062	U		<0.0053	U	
		VMP-10-20-102618	10/26/2018	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0.0052	U	
		VMP-10-20-012419	1/24/2019	<0 017	U		<0.012	U		<0.0051	U		<0.0043	U		<0.015	U		0.0026	J		<0.0051	U		<0.0044	U	
		VMP-10-20-050219	5/2/2019	<0.02	U		0.026			<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
	30 ft	VMP-10-30-072018	7/20/2018	<0 021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.018	U		0.0084	J		<0.0063	U		<0.0054	U	
		VMP-10-30-072018-DUP	7/20/2018	<0 021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.019	U		0.0022	J		<0.0064	U		<0.0056	U	
		VMP-10-30-102618	10/26/2018	<0 019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
		VMP-10-30-102618-DUP	10/26/2018	<0 019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		0.0046	J		<0.0056	U		<0.0049	U	
		VMP-10-30-020119	2/1/2019	<0 019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		0.0027	J		<0.0057	U		<0.005	U	
		VMP-10-30-050219	5/2/2019	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U		<0.0051	U	
		VMP-10-30-050219-DUP	5/2/2019	<0 019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
VMP-11	5 ft	VMP-11-5-072618	7/26/2018	<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.018	U		<0.012	U	UJ	<0.0062	U		<0.0053	U	
		VMP-11-5-103018	10/30/2018	<0 019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.005	U	
		VMP-11-5-020419	2/4/2019	<0 019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0041	J		<0.0058	U		<0.0051	U	
		VMP-11-5-043019	4/30/2019	<0 019	U		0.002	J		0.0015	J		<0.0048	U		<0.017	U		<0.012	U		0.0041	J		<0.005	U	
	8 ft	VMP-11-8-072618	7/26/2018	<0 018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U	UJ	<0.0054	U		<0.0047	U	
		VMP-11-8-103018	10/30/2018	<0 019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U		<0.0051	U	
		VMP-11-8-020419	2/4/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0044	J		<0.0059	U		<0.0052	U	
		VMP-11-8-043019	4/30/2019	<0 019	U		0.0055	J		<0.0056	U		<0.0047	U		<0.016	U		<0.011	U		<0.0056	U		<0.0049	U	
	29 ft	VMP-11-29-072618	7/26/2018	<0 018	U		<0.013	U		<0.0056	U		<0.0046	U		<0.016	U		<0.011	U	UJ	<0.0056	U		<0.0048	U	
		VMP-11-29-103018	10/30/2018	<0 019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0046	J		<0.0058	U		<0.0051	U	
		VMP-11-29-020419	2/4/2019	<0 021	U		0.0071	J		0.0038	J		<0.0052	U		<0.018	U		<0.012	U		0.014			<0.0054	U	
		VMP-11-29-043019	4/30/2019	<0 019	U		<0.014	U		0.00096	J		<0.0049	U		<0.017	U		<0.012	U		0.0026	J		<0.0051	U	
	38 ft	VMP-11-38-072618	7/26/2018	<0 019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		<0.012	U	UJ	<0.0058	U		<0.005	U	
		VMP-11-38-072618-DUP	7/26/2018	<0 019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U	UJ	<0.0057	U		<0.005	U	
		VMP-11-38-103018	10/30/2018	<0 019	U		0.0044	J		<0.0057	U		<0.0048	U		<0.017	U		0.0026	J		<0.0057	U		<0.005	U	
		VMP-11-38-020119	2/1/2019	<0 018	U		0.0024	J		<0.0055	U		<0.0046	U		<0.016	U		<0.011	U		<0.0055	U		<0.0048	U	
		VMP-11-38-020119-DUP	2/1/2019	<0 019	U		0.0027	J		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U		<0.0051	U	
		VMP-11-38-043019	4/30/2019	<0 018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		<0.011	U		<0.0055	U		<0.0048	U	
		VMP-11-38-043019-Dup	4/30/2019	<0 019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		0.0059	J		<0.0056	U		<0.0049	U	
VMP-12	5 ft	VMP-12-5-072718	7/27/2018	<0 021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U	
		VMP-12-5-103118	10/31/2018	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
		VMP-12-5-012819	1/28/2019	<0 019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		0.0021	J		<0.0058	U		<0.005	U	
		VMP-12-5-012819-DUP	1/28/2019	<0 019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		0.0028	J		<0.0058	U		<0.005	U	
		VMP-12-5-050319	5/3/2019	<0.02	U		0.0043	J		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
	11.5 ft	VMP-12-11.5-103118	10/31/2018	<0 019	U		<0.013	U		<0.0056	U		<0.0047	U		<0.016	U		<0.011	U		<0.0056	U		<0.0048	U	
		VMP-12-11.5-012819	1/28/2019	<0 019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		0.0015	J		<0.0056	U		<0.0049	U	
		VMP-12-11.5-050319	5/3/2019	<0.02	U		0.0042	J		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
	25 ft	VMP-12-25-072718	7/27/2018	<0 021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U	
		VMP-12-25-103118	10/31/2018	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
		VMP-12-25-012819	1/28/2019	<0 019	U		<0.013	U		<0.0056	U		<0.0047	U		<0.016	U		0.0034	J		<0.0056	U		<0.0048	U	
		VMP-12-25-050319	5/3/2019	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U		<0.0051	U	
		VMP-12-25-050319-DUP	5/3/2019	<0 018	U		0.0017	J		<0.0052	U		<0.0044	U		<0.015	U		<0.01	U		<0.0053	U		<0.0046	U	
	39 ft	VMP-12-39-072718	7/27/2018	<4 9	U		880		J	1.2	J	J	<1.2	U		<1.1	U		<2 9	U		2		J	<1.3	U	
		VMP-12-39-103118	10/31/2018	<9 3	U	UJ	380			<2.8	U		<2.3	U		<2	U		<5.6	U	UJ	<2.8	U		<2.4	U	
		VMP-12-39-103118-DUP	10/31/2018	<2.4	U	UJ	400			0.28	J		<0.61	U		<0.54	U		<1 5	U	UJ	<0.73	U		<0.63	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene		
										3500						24000									8500		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-072418	7/24/2018	<0 018	U		0.024			<0.0056	U		<0.0046	U		<0.016	U		0.0022	J		<0.0056	U		<0.0048	U	
		VMP-13-5-102918	10/29/2018	<0.02	U		0.012	J		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
		VMP-13-5-012919	1/29/2019	<0 018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U		<0.0046	U	
		VMP-13-5-050119	5/1/2019	<0.02	U		0.014	J		<0.0061	U		<0.0051	U		<0.018	U		0.0052	J		<0.0061	U		<0.0053	U	
	10.5 ft	VMP-13-10.5-072418	7/24/2018	<0.02	U		0.0031	J		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
		VMP-13-10.5-102918	10/29/2018	<0 017	U		<0.012	U		<0.0052	U		<0.0043	U		<0.015	U		<0.01	U		<0.0052	U		<0.0045	U	
		VMP-13-10.5-012919	1/29/2019	<0 018	U		0.0046	J		<0.0054	U		<0.0045	U		<0.016	U		0 006	J		<0.0054	U		<0.0047	U	
		VMP-13-10.5-050119	5/1/2019	<0 021	U		0.013	J		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U	
	21.5 ft	VMP-13-21.5-072418	7/24/2018	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
		VMP-13-21.5-102918	10/29/2018	<0.02	U		0.0064	J		<0.0059	U		<0.0049	U		<0.017	U		0.0032	J		<0.0059	U		<0.0051	U	
		VMP-13-21.5-020419	2/4/2019	<0 019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		0.0039	J		<0.0056	U		<0.0049	U	
		VMP-13-21.5-050119	5/1/2019	<0 021	U		0.016			<0.0064	U		<0.0053	U		<0.019	U		<0.013	U		<0.0064	U		<0.0055	U	
	29.5 ft	VMP-13-29.5-072418	7/24/2018	<0 019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U		<0.0051	U	
		VMP-13-29.5-102918	10/29/2018	<0 019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
		VMP-13-29.5-102918-DUP	10/29/2018	<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.018	U		<0.012	U		<0.0062	U		<0.0053	U	
		VMP-13-29.5-012919	1/29/2019	<0 018	U		<0.013	U		<0.0053	U		<0.0044	U		<0.016	U		<0.011	U		0.0015	J		<0.0046	U	
		VMP-13-29.5-050119	5/1/2019	<0 021	U		0.0085	J		<0.0064	U		<0.0053	U		<0.019	U		<0.013	U		<0.0064	U		<0.0056	U	
VMP-14	5 ft	VMP-14-5-072518	7/25/2018	<0 022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0062	J		<0.0065	U		<0.0056	U	
		VMP-14-5-102918	10/29/2018	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-14-5-012919	1/29/2019	<0 018	U		0.0048	J		<0.0055	U		<0.0046	U		<0.016	U		0.0028	J		<0.0055	U		<0.0048	U	
		VMP-14-5-012919-DUP	1/29/2019	<0 018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		0.0029	J		<0.0055	U		<0.0048	U	
		VMP-14-5-050119	5/1/2019	<0.02	U		0.0037	J		<0.006	U		<0.005	U		<0.018	U		0 014			<0.006	U		<0.0052	U	
	11.5 ft	VMP-14-11.5-072518	7/25/2018	<0 021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		0.0056	J		<0.0064	U		<0.0055	U	
		VMP-14-11.5-102918	10/29/2018	<0 019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.005	U	
		VMP-14-11.5-012919	1/29/2019	<0 019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		0.0029	J		<0.0056	U		<0.0049	U	
		VMP-14-11.5-050119	5/1/2019	<0.02	U		0.0041	J		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
	20 ft	VMP-14-20-072518	7/25/2018	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0.0052	U	
		VMP-14-20-102918	10/29/2018	<0 018	U		<0.013	U		<0.0056	U		<0.0046	U		<0.016	U		0.0034	J		<0.0056	U		<0.0048	U	
		VMP-14-20-020419	2/4/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0031	J		<0.0059	U		<0.0052	U	
		VMP-14-20-050119	5/1/2019	<0 022	U		0.0065	J		<0.0065	U		<0.0054	U		<0.019	U		<0.013	U		<0.0065	U		<0.0056	U	
	29 ft	VMP-14-29-072518	7/25/2018	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0 005	J		<0.0059	U		<0.0052	U	
		VMP-14-29-072518-DUP	7/25/2018	<0 021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.018	U		0.0047	J		<0.0063	U		<0.0054	U	
		VMP-14-29-102918	10/29/2018	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
		VMP-14-29-102918-DUP	10/29/2018	<0 018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		0.0034	J		<0.0055	U		<0.0048	U	
		VMP-14-29-020419	2/4/2019	<0 019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		0.0009	J		<0.0051	U	
		VMP-14-29-050119	5/1/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
VMP-15	5 ft	VMP-15-5-072518	7/25/2018	<0.02	U		0.067			<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-15-5-103018	10/30/2018	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U		<0.0051	U	
		VMP-15-5-012419	1/24/2019	<0 019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		0.0019	J		<0.0056	U		<0.0049	U	
		VMP-15-5-050119	5/1/2019	<0 019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0028	J		<0.0058	U		<0.0051	U	
	21.5 ft	VMP-15-21.5-072518	7/25/2018	<0.02	U		0.0048	J		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		0.0011	J		<0.0051	U	
		VMP-15-21.5-103018	10/30/2018	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0034	J		<0.006	U		<0.0052	U	
		VMP-15-21.5-012419	1/24/2019	<0 018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U		<0.0047	U	
		VMP-15-21.5-050119	5/1/2019	<0.13	U		0.062	J		<0.039	U		<0.033	U		<0.12	U		<0.079	U		<0.039	U		<0.034	U	
	25.5 ft	VMP-15-25.5-072518	7/25/2018	<0.02	U		0.0078	J		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-15-25.5-103018	10/30/2018	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
		VMP-15-25.5-012419	1/24/2019	<0 018	U		0.002	J		<0.0054	U		<0.0045	U		<0.016	U		0.0022	J		<0.0054	U		<0.0047	U	
		VMP-15-25.5-050119	5/1/2019	<0.13	U		2.7			<0.039	U		<0.032	U		<0.11	U		<0.078	U		<0.039	U		<0.034	U	
		VMP-15-25.5-050119-DUP	5/1/2019	<0.13	U		2.7			<0.038	U		<0.032	U		<0.11	U		<0.076	U		<0.038	U		<0.033	U	
	29 ft	VMP-15-29-072518	7/25/2018	<0 021	U		0.013	J		<0.0063	U		<0.0053	U		<0.019	U		<0.013	U		<0.0063	U		<0.0055	U	
		VMP-15-29-103018	10/30/2018	<0 019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene		
										3500						24000									8500		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-072718	7/27/2018	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
		VMP-16-5-103118	10/31/2018	<0 018	U		<0.013	U		<0.0056	U		<0.0046	U		<0.016	U		0.0073	J		<0.0056	U		<0.0048	U	
		VMP-16-5-012819	1/28/2019	<0 019	U		0.1			<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
		VMP-16-5-050219	5/2/2019	<0.02	U		0.01	J		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
	13.5 ft	VMP-16-13.5-072718	7/27/2018	<2.1	U		1.8			0.23	J		<0.52	U		<0.45	U		<1 2	U		0.42	J		<0.54	U	
		VMP-16-13.5-103118	10/31/2018	<3.1	U	UJ	6.7			2.6			<0.78	U		<0.69	U		<1 9	U	UJ	4.1			<0.81	U	
		VMP-16-13.5-012819	1/28/2019	<6 2	U		98			4.8			<1.6	U		<5.5	U		2 2	J		8.1			<1.6	U	
		VMP-16-13.5-050219	5/2/2019	<1 3	U		56			0.66			<0.32	U		<0.28	U		<0.76	U		1.2			<0.33	U	
	19 ft	VMP-16-19-072718	7/27/2018	<2.1	U		150		J	46		J	<0.52	U		0.14	J	J	<1 2	U		110		J	<0.54	U	
		VMP-16-19-103118	10/31/2018	<3 2	U	UJ	250			60			<0.8	U		<0.7	U		<1 9	U	UJ	140			<0.83	U	
		VMP-16-19-012819	1/28/2019	<7.4	U		170			20			<1.8	U		<6.5	U		2 5	J		40			<1.9	U	
		VMP-16-19-050219	5/2/2019	<4	U		250			59			<0.99	U		0.12	J		<2.4	U		140			<1	U	
	31 ft	VMP-16-31-072718	7/27/2018	<10	U		480			81			<2.6	U		<2.3	U		<6 2	U		230			<2.7	U	
		VMP-16-31-103118	10/31/2018	<10	U	UJ	570			82			<2.5	U		<2.2	U		<6	U	UJ	220			<2.6	U	
		VMP-16-31-012819	1/28/2019	<30	U		660			33			<7.4	U		<26	U		4 3	J		71			<7.7	U	
		VMP-16-31-050219	5/2/2019	<4 8	U		580			90			<1.2	U		0.25	J		<2 9	U		250			<1.2	U	
		VMP-16-31-050219-DUP	5/2/2019	<6.4	U		590			90			<1.6	U		<1.4	U		<3 8	U		250			<1.6	U	
VMP-17	5 ft	VMP-17-5-071818	7/18/2018	<0.02	U		0.26			0.00093	J		<0.0049	U		<0.017	U		0.0046	J		0.0019	J		<0.0051	U	
		VMP-17-5-103018	10/30/2018	<0 021	U		0.0066	J		<0.0062	U		<0.0052	U		<0.018	U		0.0062	J		<0.0062	U		<0.0054	U	
		VMP-17-5-012419	1/24/2019	<0 018	U		<0.013	U		<0.0053	U		<0.0044	U		<0.016	U		0.0019	J		<0.0053	U		<0.0046	U	
		VMP-17-5-042519	4/25/2019	<0 021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		<0.013	U		<0.0063	U		<0.0055	U	
VMP-25	5 ft	VMP-25-5-073118	7/31/2018	<0 019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		0 016			<0.0058	U		<0.005	U	
		VMP-25-5-073118-DUP	7/31/2018	<0 019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		0.0066	J		<0.0058	U		<0.005	U	
		VMP-25-5-103018	10/30/2018	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0034	J		<0.0059	U		<0.0052	U	
		VMP-25-5-103018-DUP	10/30/2018	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-25-5-012219	1/22/2019	<0 018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		0.0025	J		<0.0054	U		<0.0047	U	
		VMP-25-5-012219-DUP	1/22/2019	<0 017	U		<0.012	U		<0.0051	U		<0.0043	U		<0.015	U		0.0021	J		<0.0051	U		<0.0044	U	
		VMP-25-5-042519	4/25/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0042	J		<0.006	U		<0.0052	U	
		VMP-25-5-042519-DUP	4/25/2019	<0 021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U	
VMP-29	10 ft	VMP-29-10-072418	7/24/2018	<0 019	U		0.003	J		<0.0056	U		<0.0047	U		<0.016	U		<0.011	U		<0.0056	U		<0.0049	U	
		VMP-29-10-102618	10/26/2018	0.0028	J		0.0074	J		0.0028	J		<0.0047	U		<0.017	U		0.0031	J		<0.0057	U		<0.0049	U	
		VMP-29-10-050219	5/2/2019	<0.02	U		0.0042	J		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
	18 ft	VMP-29-18-072418	7/24/2018	<0 019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		0.0045	J		<0.0058	U		<0.005	U	
		VMP-29-18-102618	10/26/2018	0.0036	J		0.0074	J		0.003	J		<0.0048	U		<0.017	U		0.0076	J		<0.0057	U		<0.005	U	
		VMP-29-18-012519	1/25/2019	<0 017	U		0.017			<0.0052	U		<0.0043	U		<0.015	U		0.0051	J		<0.0052	U		<0.0045	U	
		VMP-29-18-050219	5/2/2019	<0 021	U		0.012	J		0.00089	J		<0.0052	U		<0.018	U		<0.012	U		<0.0063	U		<0.0054	U	
	26 ft	VMP-29-26-072418	7/24/2018	<0 019	U		0.0031	J		<0.0058	U		<0.0049	U		<0.017	U		0.0042	J		<0.0058	U		<0.0051	U	
		VMP-29-26-102618	10/26/2018	<0 021	U		0.0076	J		<0.0063	U		<0.0052	U		<0.018	U		0 011	J		<0.0063	U		<0.0054	U	
		VMP-29-26-102618-DUP	10/26/2018	<0 018	U		0.006	J		<0.0055	U		<0.0046	U		<0.016	U		0 011			<0.0055	U		<0.0048	U	
		VMP-29-26-012519	1/25/2019	<0 017	U		0.0042	J		<0.0052	U		<0.0043	U		<0.015	U		0.0028	J		<0.0052	U		<0.0045	U	
		VMP-29-26-012519-DUP	1/25/2019	<0 019	U		0.0038	J		<0.0056	U		<0.0047	U		<0.016	U		0 003	J		<0.0056	U		<0.0049	U	
		VMP-29-26-050219	5/2/2019	<0.02	U		0.0037	J		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
VMP-30	10 ft	VMP-30-10-072418	7/24/2018	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U		<0.0051	U	
		VMP-30-10-102618	10/26/2018	<0 019	U		0.0066	J		<0.0058	U		<0.0048	U		<0.017	U		0.0021	J		0.0018	J		<0.005	U	
		VMP-30-10-012519	1/25/2019	<0 019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U		<0.0051	U	
		VMP-30-10-050219	5/2/2019	<0.02	U		0.004	J		<0.0059	U		<0.0049	U		<0.017	U		0 024			<0.0059	U		<0.0051	U	
	18 ft	VMP-30-18-072418	7/24/2018	<0 021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.013	U		0.0019	J		<0.0055	U	
		VMP-30-18-102618	10/26/2018	0.0039	J		<0.013	U		0.0029	J		<0.0044	U		<0.015	U		<0.01	J	U	<0.0053	U		<0.0046	U	
		VMP-30-18-012519	1/25/2019	<0 017	U		<0.012	U		<0.0052	U		<0.0043	U		<0.015	U		0.0022	J		<0.0052	U		<0.0045	U	
		VMP-30-18-050219	5/2/2019	<0.02	U		0.011	J		0.0063			<0.0049	U		<0.017	U		<0.012	U		<0.0059	U		0.0022	J	
	26 ft	VMP-30-26-072418	7/24/2018	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0052	J		<0.006	U		<0.0052	U	
		VMP-30-26-072418-DUP	7/24/2018	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-30-26-102618	10/26/2018	<0 018	U		<0.013	U		<0.0056	U		<0.0046	U		<0.016	U		<0.011	J	U	<0.0056	U		<0.0048	U	
		VMP-30-26-012519	1/25/2019	<0 018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		0.0038	J		<0.0054	U		<0.0047	U	
		VMP-30-26-050219	5/2/2019	<0 019	U		0.044			<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.0049	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene		
										3500						24000									8500		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-072018	7/20/2018	<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.018	U		<0.012	U		<0.0062	U		<0.0053	U	
		VMP-41-10-102518	10/25/2018	<0 019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
		VMP-41-10-012919	1/29/2019	<1 8	U		17			0.42	J		<0.45	U		<1.6	U		0.49	J		0.41	J		<0.47	U	
		VMP-41-10-022719R	2/27/2019	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U		<0.0051	U	
		VMP-41-10-050319	5/3/2019	<0.02	U		0.021			<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0.0052	U	
	20 ft	VMP-41-20-072018	7/20/2018	<0 019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		0 007	J		<0.0058	U		<0.005	U	
		VMP-41-20-102518	10/25/2018	<0 019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
		VMP-41-20-012919	1/29/2019	<0 019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		<0.011	U		<0.0056	U		<0.0049	U	
		VMP-41-20-050319	5/3/2019	<0 023	U		<0.016	U		<0.0069	U		<0.0057	U		<0.02	U		<0.014	U		<0.0069	U		<0.006	U	
	26 ft	VMP-41-26-072018	7/20/2018	<0 019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0 003	J		<0.0058	U		<0.0051	U	
		VMP-41-26-102518	10/25/2018	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0.0052	U	
		VMP-41-26-012919	1/29/2019	<0 018	U		<0.013	U		0.017			<0.0046	U		<0.016	U		<0.011	U		0.051			<0.0048	U	
		VMP-41-26-050319	5/3/2019	<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.018	U		<0.012	U		<0.0062	U		<0.0053	U	
VMP-55	5 ft	VMP-55-5-103018	10/30/2018	<0 019	U		<0.014	U		<0.0057	U		<0.0047	U		<0.017	U		<0.011	U		<0.0057	U		<0.0049	U	
	20 ft	VMP-55-20-072518	7/25/2018	<1 3	U		61			<0.38	U		<0.32	U		<1.1	U		0.67	J		<0.38	U		0.17	J	
		VMP-55-20-103018	10/30/2018	<7	U		320			<2.1	U		<1.8	U		<6.2	U		<4 2	U		<2.1	U		<1.8	U	
		VMP-55-20-050119	5/1/2019	<2	U	UJ	270			<0.61	U		<0.51	U		0.082	J		<1 2	U		<0.61	U		<0.53	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							4						40000			25			41000			170000			12		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-072018	7/20/2018	<0.0086	U		<0.0085	U		<0.0037	U		0.0015	J		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-10-5-102618	10/26/2018	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-10-5-012419	1/24/2019	<0.0072	U		<0.0071	U		<0.0031	U		<0.004	U		<0.031	U		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-10-5-050219	5/2/2019	<0.0084	U		<0.0083	U		<0.0036	U		0.00092	J		<0.036	U		<0.0066	U		<0.0066	U		<0.0066	U	
	10 ft	VMP-10-10-072018	7/20/2018	<0.0088	U		<0.0086	U		<0.0038	U		0.00075	J		<0.038	J	U	<0.007	U		<0.007	U		<0.0068	U	
		VMP-10-10-102618	10/26/2018	<0.0079	U		<0.0078	U		<0.0034	U		<0.0044	U		0.0096	J		<0.0063	U		<0.0063	U		<0.0062	U	
		VMP-10-10-012419	1/24/2019	<0.0071	U		<0.007	U		<0.003	U		<0.0039	U		<0.031	U		<0.0056	U		<0.0056	U		<0.0056	U	
		VMP-10-10-050219	5/2/2019	<0.0086	U		<0.0085	U		<0.0037	U		0.0006	J		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
	20 ft	VMP-10-20-072018	7/20/2018	<0.0086	U		<0.0085	U		<0.0037	U		0.023			<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-10-20-102618	10/26/2018	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-10-20-012419	1/24/2019	<0.0072	U		<0.0071	U		<0.0031	U		<0.0039	U		<0.031	U		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-10-20-050219	5/2/2019	<0.0084	U		<0.0083	U		<0.0036	U		0.019			<0.036	U		<0.0066	U		<0.0066	U		<0.0066	U	
	30 ft	VMP-10-30-072018	7/20/2018	<0.0088	U		<0.0087	U		<0.0038	U		0.0021	J		<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
		VMP-10-30-072018-DUP	7/20/2018	<0 009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U		<0.007	U	
		VMP-10-30-102618	10/26/2018	<0 008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-10-30-102618-DUP	10/26/2018	<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U	
		VMP-10-30-020119	2/1/2019	<0 008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-10-30-050219	5/2/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-10-30-050219-DUP	5/2/2019	<0.0081	U		<0.008	U		<0.0035	U		0.0033	J		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
VMP-11	5 ft	VMP-11-5-072618	7/26/2018	<0.0086	U		<0.0085	U		<0.0037	U		0.032			<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-11-5-103018	10/30/2018	<0 008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-11-5-020419	2/4/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-11-5-043019	4/30/2019	<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
	8 ft	VMP-11-8-072618	7/26/2018	<0.0075	U		<0.0074	U		<0.0032	U		0.012			<0.032	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-11-8-103018	10/30/2018	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-11-8-020419	2/4/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-11-8-043019	4/30/2019	<0.0079	U		<0.0078	U		<0.0034	U		0.039			<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
	29 ft	VMP-11-29-072618	7/26/2018	<0.0078	U		<0.0077	U		<0.0033	U		<0.0042	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0061	U	
		VMP-11-29-103018	10/30/2018	<0.0082	U		<0.0081	U		<0.0035	U		0.002	J		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-11-29-020419	2/4/2019	<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-11-29-043019	4/30/2019	<0.0082	U		<0.0081	U		<0.0035	U		0.002	J		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
	38 ft	VMP-11-38-072618	7/26/2018	<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-11-38-072618-DUP	7/26/2018	<0 008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U		0.0027	J	
		VMP-11-38-103018	10/30/2018	<0 008	U		<0.0079	U		<0.0034	U		0.0049			<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-11-38-020119	2/1/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-11-38-020119-DUP	2/1/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-11-38-043019	4/30/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-11-38-043019-Dup	4/30/2019	<0.0079	U		<0.0078	U		<0.0034	U		0.0017	J		<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
VMP-12	5 ft	VMP-12-5-072718	7/27/2018	<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-12-5-103118	10/31/2018	<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	ND,UJ	UJ	<0.0066	U		<0.0066	U		<0.0066	U	
		VMP-12-5-012819	1/28/2019	<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-12-5-012819-DUP	1/28/2019	<0 008	U		0.0026	J		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-12-5-050319	5/3/2019	<0.0085	U		<0.0084	U		<0.0037	U		0.0017	J		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
	11.5 ft	VMP-12-11.5-103118	10/31/2018	<0.0078	U		<0.0077	U		<0.0034	U		0.0052			<0.034	ND,UJ	UJ	<0.0062	U		<0.0062	U		<0.0061	U	
		VMP-12-11.5-012819	1/28/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U	
		VMP-12-11.5-050319	5/3/2019	<0.0084	U		<0.0083	U		<0.0036	U		0.0025	J		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
	25 ft	VMP-12-25-072718	7/27/2018	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-12-25-103118	10/31/2018	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	ND,UJ	UJ	<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-12-25-012819	1/28/2019	<0.0078	U		<0.0077	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0061	U	
		VMP-12-25-050319	5/3/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-12-25-050319-DUP	5/3/2019	<0.0073	U		<0.0072	U		<0.0032	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U		<0.0058	U	
	39 ft	VMP-12-39-072718	7/27/2018	<2	U		<2	U		<0.88	U		<1.1	U		<8.8	U		<1.6	U		<1.6	U		<1.6	U	
		VMP-12-39-103118	10/31/2018	<3 9	U		<3.9	U		<1.7	U	UJ	<2.1	U		<17	U		<3.1	U		<3.1	U		<3.1	U	
		VMP-12-39-103118-DUP	10/31/2018	<1	U		0.34	J		<0.44	U	UJ	<0.56	U		<4.4	U		<0.81	U		<0.81	U		<0.8	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							4						40000			25			41000			170000			12		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-072418	7/24/2018	<0.0078	U		0.0012	J		<0.0033	U		<0.0042	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0061	U	
		VMP-13-5-102918	10/29/2018	<0.0084	U		<0.0083	U		<0.0036	U		0.0012	J		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-13-5-012919	1/29/2019	<0.0075	U		<0.0074	U		<0.0032	U		0.00085	J		<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-13-5-050119	5/1/2019	<0.0085	U		<0.0084	U		<0.0037	U		0.0017	J		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
	10.5 ft	VMP-13-10.5-072418	7/24/2018	<0.0084	U		<0.0083	U		0.0042			<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0066	U	
		VMP-13-10.5-102918	10/29/2018	<0.0072	U		0.0017	J		<0.0031	U		<0.004	U		<0.031	U		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-13-10.5-012919	1/29/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-13-10.5-050119	5/1/2019	<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U		<0.0068	U	
	21.5 ft	VMP-13-21.5-072418	7/24/2018	<0.0084	U		0.0024	J		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-13-21.5-102918	10/29/2018	<0.0082	U		<0.0081	U		<0.0035	U		0.00086	J		<0.036	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-13-21.5-020419	2/4/2019	<0.0079	U		0.0015	J		<0.0034	U		0.0011	J		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U	
		VMP-13-21.5-050119	5/1/2019	<0.0089	U		<0.0088	U		<0.0038	U		0.0022	J		<0.038	U		<0.0071	U		<0.0071	U		<0.007	U	
	29.5 ft	VMP-13-29.5-072418	7/24/2018	<0.0082	U		<0.0081	U		<0.0035	U		0.00077	J		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-13-29.5-102918	10/29/2018	<0.0081	U		0.0019	J		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-13-29.5-102918-DUP	10/29/2018	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-13-29.5-012919	1/29/2019	<0.0074	U		<0.0073	U		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-13-29.5-050119	5/1/2019	<0 009	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U		<0.007	U	
VMP-14	5 ft	VMP-14-5-072518	7/25/2018	<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-14-5-102918	10/29/2018	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-14-5-012919	1/29/2019	<0.0077	U		<0.0076	U		<0.0033	U		0.001	J		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-14-5-012919-DUP	1/29/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-14-5-050119	5/1/2019	<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
	11.5 ft	VMP-14-11.5-072518	7/25/2018	<0.0089	U		0.0086	J		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U		<0.007	U	
		VMP-14-11.5-102918	10/29/2018	<0 008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-14-11.5-012919	1/29/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U	
		VMP-14-11.5-050119	5/1/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
	20 ft	VMP-14-20-072518	7/25/2018	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-14-20-102918	10/29/2018	<0.0078	U		<0.0077	U		<0.0033	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0061	U	
		VMP-14-20-020419	2/4/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-14-20-050119	5/1/2019	<0 009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
	29 ft	VMP-14-29-072518	7/25/2018	<0.0083	U		<0.0082	U		<0.0036	U		0.0013	J		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-14-29-072518-DUP	7/25/2018	<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
		VMP-14-29-102918	10/29/2018	<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-14-29-102918-DUP	10/29/2018	<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-14-29-020419	2/4/2019	<0.0082	U		0.0014	J		<0.0035	U		0.00075	J		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-14-29-050119	5/1/2019	<0.0083	U		<0.0082	U		<0.0036	U		0.27			<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
VMP-15	5 ft	VMP-15-5-072518	7/25/2018	<0.0086	U		0.1			<0.0037	U		0.0016	J		<0.037	U		<0.0068	U		<0.0068	U		0.0032	J	
		VMP-15-5-103018	10/30/2018	<0.0083	U		<0.0082	U		<0.0036	U		0.0025	J		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-15-5-012419	1/24/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U	
		VMP-15-5-050119	5/1/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
	21.5 ft	VMP-15-21.5-072518	7/25/2018	<0.0082	U		<0.0081	U		<0.0035	U		0.0013	J		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-15-21.5-103018	10/30/2018	<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-15-21.5-012419	1/24/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-15-21.5-050119	5/1/2019	<0 055	U		<0.054	U		<0.024	U		0.094			<0.24	U		<0.044	U		<0.044	U		<0.043	U	
	25.5 ft	VMP-15-25.5-072518	7/25/2018	<0.0085	U		<0.0084	U		<0.0037	U		0.0008	J		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-15-25.5-103018	10/30/2018	<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-15-25.5-012419	1/24/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-15-25.5-050119	5/1/2019	<0 054	U		<0.054	U		<0.023	U		0.0063	J		<0.23	U		<0.043	U		<0.043	U		<0.042	U	
		VMP-15-25.5-050119-DUP	5/1/2019	<0 053	U		<0.052	U		<0.023	U		0.007	J		<0.23	U		<0.042	U		<0.042	U		<0.041	U	
	29 ft	VMP-15-29-072518	7/25/2018	<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
		VMP-15-29-103018	10/30/2018	<0 008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							4						40000			25			41000			170000			12		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-072718	7/27/2018	<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-16-5-103118	10/31/2018	<0.0078	U		<0.0077	U		<0.0033	U		<0.0042	U		<0.034	ND,UJ	UJ	<0.0062	U		<0.0062	U		<0.0061	U	
		VMP-16-5-012819	1/28/2019	<0 008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-16-5-050219	5/2/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
	13.5 ft	VMP-16-13.5-072718	7/27/2018	<0.86	U		<0.85	U		<0.37	U		<0.47	U		<3.7	U		<0.69	U		<0.69	U		<0.68	U	
		VMP-16-13.5-103118	10/31/2018	<1 3	U		<1.3	U		<0.56	U	UJ	<0.72	U		<5.7	U		<1	U		<1	U		<1	U	
		VMP-16-13.5-012819	1/28/2019	<2.6	U		<2.6	U		<1.1	U		2.3	CN	J	<11	U		<2.1	U		<2.1	U		<2	U	
		VMP-16-13.5-050219	5/2/2019	<0.53	U		<0.52	U		<0.23	U		0.16	J		<2.3	U		<0.42	U		<0.42	U		<0.41	U	
	19 ft	VMP-16-19-072718	7/27/2018	<0.86	U		<0.85	U		<0.37	U		<0.47	U		<3.7	U		<0.69	U		<0.69	U		<0.68	U	
		VMP-16-19-103118	10/31/2018	<1 3	U		<1.3	U		<0.58	U	UJ	<0.74	U		<5.8	U		<1.1	U		<1.1	U		<1	U	
		VMP-16-19-012819	1/28/2019	<3.1	U		<3	U		<1.3	U		3.1	CN	J	<13	U		<2.4	U		<2.4	U		<2.4	U	
		VMP-16-19-050219	5/2/2019	<1.7	U		<1.6	U		<0.71	U		0.85	J		<7.2	U		<1 3	U		<1.3	U		<1.3	U	
	31 ft	VMP-16-31-072718	7/27/2018	<4 3	U		<4.3	U		<1.8	U		<2.4	U		<19	U		<3.4	U		<3.4	U		<3.4	U	
		VMP-16-31-103118	10/31/2018	<4 2	U		<4.1	U		<1.8	U	UJ	<2.3	U		<18	U		<3 3	U		<3.3	U		<3.3	U	
		VMP-16-31-012819	1/28/2019	<12	U		<12	U		<5.4	U		3.7	J CN	J	<54	U		<9 9	U		<9.9	U		<9.8	U	
		VMP-16-31-050219	5/2/2019	<2	U		<2	U		<0.86	U		<1.1	U		<8.6	U		<1.6	U		<1.6	U		<1.6	U	
		VMP-16-31-050219-DUP	5/2/2019	<2.7	U		<2.6	U		<1.1	U		<1.5	U		<12	U		<2.1	U		<2.1	U		<2.1	U	
VMP-17	5 ft	VMP-17-5-071818	7/18/2018	0 002	J		<0.0081	U		<0.0035	U		0.092			<0.036	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-17-5-103018	10/30/2018	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-17-5-012419	1/24/2019	<0.0074	U		<0.0073	U		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-17-5-042519	4/25/2019	<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
VMP-25	5 ft	VMP-25-5-073118	7/31/2018	<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-25-5-073118-DUP	7/31/2018	<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-25-5-103018	10/30/2018	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-25-5-103018-DUP	10/30/2018	<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-25-5-012219	1/22/2019	<0.0075	U		<0.0074	U		<0.0032	U		<0.0041	U		<0.032	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-25-5-012219-DUP	1/22/2019	<0.0071	U		<0.007	U		<0.0031	U		<0.0039	U		<0.031	U		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-25-5-042519	4/25/2019	<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-25-5-042519-DUP	4/25/2019	<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U		<0.0068	U	
VMP-29	10 ft	VMP-29-10-072418	7/24/2018	<0.0079	U		<0.0078	U		0.026			<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U	
		VMP-29-10-102618	10/26/2018	<0.0079	U		<0.0078	U		<0.0034	U		0.0011	J		<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
		VMP-29-10-050219	5/2/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
	18 ft	VMP-29-18-072418	7/24/2018	<0.0081	U		<0.008	U		0.93			0.00074	J		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-29-18-102618	10/26/2018	<0 008	U		<0.0079	U		0.16			0.0024	J		<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-29-18-012519	1/25/2019	<0.0073	U		<0.0072	U		0.018			0.0016	J		<0.031	U		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-29-18-050219	5/2/2019	<0.0088	U		<0.0086	U		0.11			0.013			<0.038	U		<0.007	U		<0.007	U		<0.0068	U	
	26 ft	VMP-29-26-072418	7/24/2018	<0.0082	U		<0.0081	U		2.8			0.0039	J		<0.035	U		<0.0065	U		<0.0065	U		0.0018	J	
		VMP-29-26-102618	10/26/2018	<0.0088	U		<0.0086	U		0.19			0.0016	J		<0.038	U		<0.007	U		<0.007	U		<0.0068	U	
		VMP-29-26-102618-DUP	10/26/2018	<0.0077	U		<0.0076	U		0.17			0.0017	J		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-29-26-012519	1/25/2019	<0.0072	U		<0.0072	U		0.016			<0.004	U		<0.031	U		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-29-26-012519-DUP	1/25/2019	<0.0079	U		<0.0078	U		0.013			<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U	
		VMP-29-26-050219	5/2/2019	<0.0085	U		<0.0084	U		0.16			0.083			<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
VMP-30	10 ft	VMP-30-10-072418	7/24/2018	<0.0083	U		<0.0082	U		0.15			<0.0045	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-30-10-102618	10/26/2018	<0 008	U		0.0013	J		0.043			0.0045			<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-30-10-012519	1/25/2019	<0.0082	U		0.0021	J		0.0014	J		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-30-10-050219	5/2/2019	<0.0082	U		<0.0081	U		0.045			0.00073	J		<0.036	U		<0.0065	U		<0.0065	U		<0.0064	U	
	18 ft	VMP-30-18-072418	7/24/2018	<0.0089	U		0.0016	J		0.33			0.0011	J		<0.038	U		<0.0071	U		<0.0071	U		<0.007	U	
		VMP-30-18-102618	10/26/2018	<0.0073	U		<0.0072	U		0.18			0.0019	J		<0.032	U		<0.0058	U		<0.0058	U		<0.0058	U	
		VMP-30-18-012519	1/25/2019	<0.0072	U		<0.0071	U		0.0027	J		<0.004	U		<0.031	U		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-30-18-050219	5/2/2019	<0.0083	U		<0.0082	U		0.043			0.0064			<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
	26 ft	VMP-30-26-072418	7/24/2018	<0.0084	U		<0.0083	U		0.48			0.0007	J		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-30-26-072418-DUP	7/24/2018	<0.0085	U		<0.0084	U		0.47			<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-30-26-102618	10/26/2018	<0.0078	U		<0.0077	U		0.18			0.0017	J		<0.034	U		<0.0062	U		<0.0062	U		<0.0061	U	
		VMP-30-26-012519	1/25/2019	<0.0076	U		<0.0075	U		0.0028	J		<0.0041	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-30-26-050219	5/2/2019	<0 008	U		<0.0079	U		0.025			0.0064			<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
							4						40000			25			41000			170000			12		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-072018	7/20/2018	<0.0086	U		<0.0085	U		<0.0037	U		0.0019	J		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-41-10-102518	10/25/2018	<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-41-10-012919	1/29/2019	<0.76	U		<0.75	U		<0.32	U		120	CN	J	<3.3	U		<0.6	U		<0.6	U		<0.59	U	
		VMP-41-10-022719R	2/27/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-41-10-050319	5/3/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
	20 ft	VMP-41-20-072018	7/20/2018	<0.0081	U		<0.008	U		<0.0035	U		0.0017	J		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-41-20-102518	10/25/2018	<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-41-20-012919	1/29/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U	
		VMP-41-20-050319	5/3/2019	<0.0096	U		0.0064	J		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U		<0.0075	U	
	26 ft	VMP-41-26-072018	7/20/2018	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-41-26-102518	10/25/2018	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-41-26-012919	1/29/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-41-26-050319	5/3/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
VMP-55	5 ft	VMP-55-5-103018	10/30/2018	<0.0079	U		<0.0078	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
	20 ft	VMP-55-20-072518	7/25/2018	<0.54	U		<0.53	U		<0.23	U		2.4	CN	J	<2.3	U		<0.42	U		<0.42	U		<0.42	U	
		VMP-55-20-103018	10/30/2018	<2 9	U		<2.9	U		<1.3	U		5.5	CN	J	<13	U		<2 3	U		<2.3	U		<2.3	U	
		VMP-55-20-050119	5/1/2019	<0.85	U		<0.84	U		<0.37	U		<0.47	U		<3.7	ND,UJ	UJ	<0.68	U		<0.68	U		<0.67	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				5600												4.8			580			790		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-072018	7/20/2018	<0.007	U		<0.0062	U		<0.0062	U		0.0031	J		<0 0032	U		<0.0054	U		<0.0054	U	
		VMP-10-5-102618	10/26/2018	<0.0067	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-10-5-012419	1/24/2019	<0.0059	U		<0.0052	U		<0.0052	U		<0.0049	U		<0 0027	U		<0.0046	U		<0.0046	U	
		VMP-10-5-050219	5/2/2019	0.0012	J		<0.006	U		<0.006	U		<0.0057	U		<0 0031	U		0.0007	J		<0.0053	U	
	10 ft	VMP-10-10-072018	7/20/2018	<0.0072	U		<0.0063	U		<0.0063	U		0.00072	J		<0 0032	U		<0.0055	U		<0.0055	U	
		VMP-10-10-102618	10/26/2018	<0.0065	U		<0.0057	U		<0.0057	U		0.0022	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-10-10-012419	1/24/2019	<0.0058	U		<0.0051	U		<0.0051	U		<0.0048	U		<0 0026	U		<0.0045	U		<0.0045	U	
		VMP-10-10-050219	5/2/2019	<0.007	U		<0.0061	U		<0.0061	U		0.002	J		<0 0032	U		0.0008	J		<0.0054	U	
	20 ft	VMP-10-20-072018	7/20/2018	<0.007	U		<0.0062	U		<0.0062	U		0.00094	J		<0 0032	U		0.001	J		<0.0054	U	
		VMP-10-20-102618	10/26/2018	<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0 0031	U		<0.0052	U		<0.0052	U	
		VMP-10-20-012419	1/24/2019	<0.0059	U		<0.0051	U		<0.0051	U		0.00077	J		<0 0027	U		<0.0045	U		<0.0045	U	
		VMP-10-20-050219	5/2/2019	0.0011	J		<0.006	U		<0.006	U		0.035			<0 0031	U		0.0046	J		<0.0053	U	
	30 ft	VMP-10-30-072018	7/20/2018	0.0015	J		<0.0063	U		<0.0063	U		0.0056	J		<0 0033	U		0.00096	J		<0.0056	U	
		VMP-10-30-072018-DUP	7/20/2018	<0.0074	U		<0.0064	U		<0.0064	U		0.0044	J		<0 0033	U		<0.0057	U		<0.0057	U	
		VMP-10-30-102618	10/26/2018	0.0013	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-10-30-102618-DUP	10/26/2018	0.0012	J		<0.0056	U		<0.0056	U		<0.0053	U		<0 0029	U		<0.005	U		<0.005	U	
		VMP-10-30-020119	2/1/2019	<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-10-30-050219	5/2/2019	0.0014	J		<0.0059	U		<0.0059	U		<0.0056	U		<0 0031	U		<0.0052	U		<0.0052	U	
		VMP-10-30-050219-DUP	5/2/2019	0 001	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		0.0021	J		<0.0051	U	
VMP-11	5 ft	VMP-11-5-072618	7/26/2018	<0.007	U		0.00097	J		<0.0062	U		0.0025	J		<0 0032	U		0.011			0.0028	J	
		VMP-11-5-103018	10/30/2018	<0.0065	U		<0.0057	U		<0.0057	U		0.0016	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-11-5-020419	2/4/2019	<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-11-5-043019	4/30/2019	0.0011	J		<0.0058	U		<0.0058	U		0.027			<0.003	U		<0.0051	U		<0.0051	U	
	8 ft	VMP-11-8-072618	7/26/2018	<0.0062	U		0.0014	J		<0.0054	U		0.0093			<0 0028	U		0.009			0.0026	J	
		VMP-11-8-103018	10/30/2018	<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-11-8-020419	2/4/2019	<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0 0031	U		<0.0052	U		<0.0052	U	
		VMP-11-8-043019	4/30/2019	0.0014	J		<0.0056	U		<0.0056	U		0.058			<0 0029	U		0.024			0.008		
	29 ft	VMP-11-29-072618	7/26/2018	0.0017	J		<0.0056	U		<0.0056	U		0.0017	J		<0 0029	U		<0.0049	U		<0.0049	U	
		VMP-11-29-103018	10/30/2018	<0.0067	U		<0.0058	U		<0.0058	U		0.0018	J		<0.003	U		0.0012	J		<0.0052	U	
		VMP-11-29-020419	2/4/2019	0.0013	J		<0.0062	U		<0.0062	U		0.029			<0 0032	U		<0.0055	U		<0.0055	U	
		VMP-11-29-043019	4/30/2019	0.0012	J		<0.0058	U		<0.0058	U		0.015			<0.003	U		0.0014	J		<0.0052	U	
	38 ft	VMP-11-38-072618	7/26/2018	<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-11-38-072618-DUP	7/26/2018	<0.0065	U		<0.0057	U		<0.0057	U		0.00089	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-11-38-103018	10/30/2018	0.0015	J		<0.0057	U		<0.0057	U		0.0041	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-11-38-020119	2/1/2019	<0.0063	U		<0.0055	U		<0.0055	U		0.0011	J		<0 0029	U		<0.0049	U		<0.0049	U	
		VMP-11-38-020119-DUP	2/1/2019	<0.0067	U		<0.0058	U		<0.0058	U		0.001	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-11-38-043019	4/30/2019	0 001	J		<0.0055	U		<0.0055	U		<0.0052	U		<0 0029	U		<0.0049	U		<0.0049	U	
		VMP-11-38-043019-Dup	4/30/2019	0.0011	J		<0.0056	U		<0.0056	U		<0.0054	U		<0 0029	U		<0.005	U		<0.005	U	
VMP-12	5 ft	VMP-12-5-072718	7/27/2018	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0 0032	U		<0.0055	U		<0.0055	U	
		VMP-12-5-103118	10/31/2018	<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0 0031	U		<0.0053	U		<0.0053	U	
		VMP-12-5-012819	1/28/2019	<0.0066	U		<0.0058	U		<0.0058	U		0.00093	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-12-5-012819-DUP	1/28/2019	<0.0066	U		<0.0058	U		<0.0058	U		0.0011	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-12-5-050319	5/3/2019	<0.007	U		<0.0061	U		<0.0061	U		0.0078	J0	J	<0 0032	U		<0.0054	U		<0.0054	U	
	11.5 ft	VMP-12-11.5-103118	10/31/2018	<0.0064	U		<0.0056	U		<0.0056	U		0.0034	J		<0 0029	U		0.0026	J		<0.005	U	
		VMP-12-11.5-012819	1/28/2019	<0.0064	U		<0.0056	U		<0.0056	U		<0.0053	U		<0 0029	U		<0.005	U		<0.005	U	
		VMP-12-11.5-050319	5/3/2019	<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0 0031	U		<0.0053	U		<0.0053	U	
	25 ft	VMP-12-25-072718	7/27/2018	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0 0032	U		<0.0055	U		<0.0055	U	
		VMP-12-25-103118	10/31/2018	<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0 0031	U		<0.0053	U		<0.0053	U	
		VMP-12-25-012819	1/28/2019	<0.0064	U		<0.0056	U		<0.0056	U		0.0038	J		<0 0029	U		<0.005	U		<0.005	U	
		VMP-12-25-050319	5/3/2019	<0.0067	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-12-25-050319-DUP	5/3/2019	<0.006	U		<0.0052	U		<0.0053	U		<0.005	U		<0 0027	U		<0.0046	U		<0.0046	U	
	39 ft	VMP-12-39-072718	7/27/2018	<1.7	U		<1.5	U		<1.5	U		3500		J	<0.76	U		<1.3	U		<1.3	U	
		VMP-12-39-103118	10/31/2018	<3 2	U		<2.8	U		<2.8	U		3200			<1.4	U		<2.5	U		<2.5	U	
		VMP-12-39-103118-DUP	10/31/2018	<0.84	U		<0.73	U		<0.73	U		3200			<0.38	U		0.31	J		0.16	J	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				5600												4.8			580			790		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-072418	7/24/2018	0.0013	J		<0.0056	U		<0.0056	U		0.0043	J		<0 0029	U		<0.0049	U		<0.0049	U	
		VMP-13-5-102918	10/29/2018	<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0 0031	U		<0.0053	U		<0.0053	U	
		VMP-13-5-012919	1/29/2019	0.0013	J		<0.0054	U		<0.0054	U		<0.0051	U		<0 0028	U		0.00082	J		<0.0047	U	
		VMP-13-5-050119	5/1/2019	<0.007	U		<0.0061	U		<0.0061	U		0.012	J0	J	<0 0032	U		<0.0054	U		<0.0054	U	
	10.5 ft	VMP-13-10.5-072418	7/24/2018	0.0014	J		<0.006	U		<0.006	U		<0.0057	U		<0 0031	U		<0.0053	U		<0.0053	U	
		VMP-13-10.5-102918	10/29/2018	0.0013	J		<0.0052	U		<0.0052	U		0.0071			<0 0027	U		<0.0046	U		<0.0046	U	
		VMP-13-10.5-012919	1/29/2019	0.0012	J		<0.0054	U		<0.0054	U		0.0022	J		<0 0028	U		0.0008	J		<0.0048	U	
		VMP-13-10.5-050119	5/1/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0 0032	U		<0.0055	U		<0.0055	U	
	21.5 ft	VMP-13-21.5-072418	7/24/2018	<0.0069	U		<0.006	U		<0.006	U		0.0019	J		<0 0031	U		<0.0053	U		<0.0053	U	
		VMP-13-21.5-102918	10/29/2018	<0.0067	U		<0.0059	U		<0.0059	U		0.016			<0 0031	U		<0.0052	U		<0.0052	U	
		VMP-13-21.5-020419	2/4/2019	0.0013	J		<0.0056	U		<0.0056	U		<0.0053	U		<0 0029	U		<0.005	U		<0.005	U	
		VMP-13-21.5-050119	5/1/2019	<0.0073	U		<0.0064	U		<0.0064	U		0.0033	J	J	<0 0033	U		<0.0056	U		<0.0056	U	
	29.5 ft	VMP-13-29.5-072418	7/24/2018	0.0016	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-13-29.5-102918	10/29/2018	<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-13-29.5-102918-DUP	10/29/2018	<0.007	U		<0.0062	U		<0.0062	U		<0.0059	U		<0 0032	U		<0.0054	U		<0.0054	U	
		VMP-13-29.5-012919	1/29/2019	0.0013	J		<0.0053	U		<0.0053	U		0.0012	J		<0 0028	U		<0.0047	U		<0.0047	U	
		VMP-13-29.5-050119	5/1/2019	<0.0073	U		<0.0064	U		<0.0064	U		<0.0061	U		<0 0033	U		<0.0057	U		<0.0057	U	
VMP-14	5 ft	VMP-14-5-072518	7/25/2018	<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0 0034	U		<0.0057	U		<0.0057	U	
		VMP-14-5-102918	10/29/2018	<0.007	U		<0.0061	U		<0.0061	U		0.0008	J		<0 0032	U		<0.0054	U		<0.0054	U	
		VMP-14-5-012919	1/29/2019	<0.0063	U		<0.0055	U		<0.0055	U		<0.0052	U		<0 0029	U		<0.0049	U		<0.0049	U	
		VMP-14-5-012919-DUP	1/29/2019	<0.0063	U		<0.0055	U		<0.0055	U		<0.0052	U		<0 0029	U		<0.0049	U		<0.0049	U	
		VMP-14-5-050119	5/1/2019	<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0 0031	U		<0.0053	U		<0.0053	U	
	11.5 ft	VMP-14-11.5-072518	7/25/2018	<0.0073	U		<0.0064	U		<0.0064	U		<0.0061	U		<0 0033	U		<0.0056	U		<0.0056	U	
		VMP-14-11.5-102918	10/29/2018	<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-14-11.5-012919	1/29/2019	<0.0064	U		<0.0056	U		<0.0056	U		<0.0053	U		<0 0029	U		<0.005	U		<0.005	U	
		VMP-14-11.5-050119	5/1/2019	<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0 0031	U		<0.0053	U		<0.0053	U	
	20 ft	VMP-14-20-072518	7/25/2018	0.0014	J		<0.0059	U		<0.0059	U		<0.0056	U		<0 0031	U		<0.0052	U		<0.0052	U	
		VMP-14-20-102918	10/29/2018	<0.0064	U		<0.0056	U		<0.0056	U		<0.0053	U		<0 0029	U		<0.0049	U		<0.0049	U	
		VMP-14-20-020419	2/4/2019	<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0 0031	U		<0.0052	U		<0.0052	U	
		VMP-14-20-050119	5/1/2019	<0.0074	U		<0.0065	U		<0.0065	U		<0.0061	U		<0 0034	U		<0.0057	U		<0.0057	U	
	29 ft	VMP-14-29-072518	7/25/2018	0.0016	J		<0.0059	U		<0.0059	U		0.0019	J		<0 0031	U		<0.0052	U		<0.0052	U	
		VMP-14-29-072518-DUP	7/25/2018	0 002	J		<0.0063	U		<0.0063	U		0.0013	J		<0 0033	U		<0.0056	U		<0.0056	U	
		VMP-14-29-102918	10/29/2018	<0.0069	U		<0.006	U		<0.006	U		0.0014	J		<0 0031	U		<0.0053	U		<0.0053	U	
		VMP-14-29-102918-DUP	10/29/2018	<0.0063	U		<0.0055	U		<0.0055	U		<0.0052	U		<0 0029	U		<0.0049	U		<0.0049	U	
		VMP-14-29-020419	2/4/2019	<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-14-29-050119	5/1/2019	<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0 0031	U		0.052			0.0065		
VMP-15	5 ft	VMP-15-5-072518	7/25/2018	<0.007	U		<0.0061	U		<0.0061	U		0.0012	J		<0 0032	U		<0.0054	U		<0.0054	U	
		VMP-15-5-103018	10/30/2018	<0.0068	U		<0.0059	U		<0.0059	U		0.0012	J		<0 0031	U		0.00084	J		<0.0052	U	
		VMP-15-5-012419	1/24/2019	<0.0064	U		<0.0056	U		<0.0056	U		<0.0053	U		<0 0029	U		<0.005	U		<0.005	U	
		VMP-15-5-050119	5/1/2019	<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
	21.5 ft	VMP-15-21.5-072518	7/25/2018	<0.0067	U		<0.0059	U		<0.0059	U		0.55			<0.003	U		<0.0052	U		<0.0052	U	
		VMP-15-21.5-103018	10/30/2018	<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0 0031	U		<0.0053	U		<0.0053	U	
		VMP-15-21.5-012419	1/24/2019	<0.0062	U		<0.0054	U		<0.0054	U		0.00084	J		<0 0028	U		0.00096	J		<0.0048	U	
		VMP-15-21.5-050119	5/1/2019	<0.045	U		<0.039	U		<0.039	U		13			<0.02	U		0.018	J		<0.035	U	
	25.5 ft	VMP-15-25.5-072518	7/25/2018	<0.007	U		<0.0061	U		<0.0061	U		2.6			<0 0032	U		<0.0054	U		<0.0054	U	
		VMP-15-25.5-103018	10/30/2018	<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0 0031	U		<0.0053	U		<0.0053	U	
		VMP-15-25.5-012419	1/24/2019	<0.0062	U		<0.0054	U		<0.0054	U		<0.0051	U		<0 0028	U		<0.0048	U		<0.0048	U	
		VMP-15-25.5-050119	5/1/2019	<0.044	U		<0.039	U		<0.039	U		20			<0.02	U		<0.034	U		<0.034	U	
		VMP-15-25.5-050119-DUP	5/1/2019	<0.043	U		<0.038	U		<0.038	U		20			<0.02	U		<0.033	U		<0.033	U	
	29 ft	VMP-15-29-072518	7/25/2018	<0.0072	U		<0.0063	U		<0.0063	U		1.8			<0 0033	U		<0.0056	U		<0.0056	U	
		VMP-15-29-103018	10/30/2018	<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				5600												4.8			580			790		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-072718	7/27/2018	<0.0069	U		<0.006	U		<0.006	U		0.0018	J		<0 0031	U		<0.0053	U		<0.0053	U	
		VMP-16-5-103118	10/31/2018	<0.0063	U		<0.0056	U		<0.0056	U		<0.0053	U		<0 0029	U		<0.0049	U		<0.0049	U	
		VMP-16-5-012819	1/28/2019	<0.0066	U		<0.0058	U		<0.0058	U		8.2			<0.003	U		<0.0051	U		<0.0051	U	
		VMP-16-5-050219	5/2/2019	<0.0069	U		<0.0061	U		<0.0061	U		0.0051	J		<0 0032	U		<0.0054	U		<0.0054	U	
	13.5 ft	VMP-16-13.5-072718	7/27/2018	<0.71	U		<0.62	U		<0.62	U		1000			<0.32	U		<0.55	U		<0.55	U	
		VMP-16-13.5-103118	10/31/2018	<1.1	U		<0.94	U		<0.94	U		970			<0.49	U		<0.83	U		<0.83	U	
		VMP-16-13.5-012819	1/28/2019	<2.1	U		<1.9	U		<1.9	U		1100			<0.97	U		0.4	J		<1.6	U	
		VMP-16-13.5-050219	5/2/2019	<0.43	U		<0.38	U		<0.38	U		640			<0.2	U		0.14	J		<0.33	U	
	19 ft	VMP-16-19-072718	7/27/2018	<0.71	U		55		J	6.6		J	2400		J	<0.32	U		4 3		J	0.72		J
		VMP-16-19-103118	10/31/2018	<1.1	U		46			5.6			2200			<0.5	U		3 8			0.86		
		VMP-16-19-012819	1/28/2019	<2 5	U		6.6			0.99	J		1400			<1.2	U		1.4	J		0.42	J	
		VMP-16-19-050219	5/2/2019	<1.4	U		58			8			2200			<0.62	U		3			0.97	J	
	31 ft	VMP-16-31-072718	7/27/2018	<3 5	U		44			<3.1	U		2300			<1.6	U		0.96	J		<2.7	U	
		VMP-16-31-103118	10/31/2018	<3.4	U		23			<3	U		2000			<1.6	U		1 3	J		0.49	J	
		VMP-16-31-012819	1/28/2019	<10	U		2.8	J		<8.9	U		2200			<4.6	U		<7.9	U		<7.9	U	
		VMP-16-31-050219	5/2/2019	<1.6	U		17			0.91	J		2500			<0.74	U		0.37	J		0.39	J	
		VMP-16-31-050219-DUP	5/2/2019	<2 2	U		18			0.97	J		2600			<0.99	U		0.47	J		<1.7	U	
VMP-17	5 ft	VMP-17-5-071818	7/18/2018	0.0013	J		0.0051	J		0.002	J		0.088			<0 0031	U		0.042			0.014		
		VMP-17-5-103018	10/30/2018	<0.0071	U		<0.0062	U		<0.0062	U		0.0047	J		<0 0032	U		<0.0055	U		<0.0055	U	
		VMP-17-5-012419	1/24/2019	<0.0061	U		<0.0053	U		<0.0053	U		<0.005	U		<0 0028	U		<0.0047	U		<0.0047	U	
		VMP-17-5-042519	4/25/2019	<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0 0033	U		<0.0056	U		<0.0056	U	
VMP-25	5 ft	VMP-25-5-073118	7/31/2018	<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-25-5-073118-DUP	7/31/2018	<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-25-5-103018	10/30/2018	<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0 0031	U		<0.0052	U		<0.0052	U	
		VMP-25-5-103018-DUP	10/30/2018	<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0 0032	U		<0.0054	U		<0.0054	U	
		VMP-25-5-012219	1/22/2019	<0.0062	U		<0.0054	U		<0.0054	U		0.015			<0 0028	U		<0.0048	U		<0.0048	U	
		VMP-25-5-012219-DUP	1/22/2019	<0.0058	U		<0.0051	U		<0.0051	U		0.011			<0 0026	U		<0.0045	U		<0.0045	U	
		VMP-25-5-042519	4/25/2019	<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0 0031	U		<0.0053	U		<0.0053	U	
		VMP-25-5-042519-DUP	4/25/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0 0032	U		<0.0055	U		<0.0055	U	
VMP-29	10 ft	VMP-29-10-072418	7/24/2018	0.0014	J		<0.0056	U		<0.0056	U		<0.0053	U		<0 0029	U		<0.005	U		<0.005	U	
		VMP-29-10-102618	10/26/2018	0.0012	J		<0.0057	U		<0.0057	U		<0.0054	J	U	<0.003	U		<0.005	U		<0.005	U	
		VMP-29-10-050219	5/2/2019	0.0011	J		<0.0061	U		<0.0061	U		<0.0058	U		<0 0032	U		<0.0054	U		<0.0054	U	
	18 ft	VMP-29-18-072418	7/24/2018	<0.0066	U		<0.0058	U		<0.0058	U		0.0012	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-29-18-102618	10/26/2018	0.0012	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-29-18-012519	1/25/2019	<0.006	U		<0.0052	U		<0.0052	U		<0.005	U		<0 0027	U		<0.0046	U		<0.0046	U	
		VMP-29-18-050219	5/2/2019	0 001	J		0.025			0.0062	J		0.021			<0 0032	U		0.021			0.011		
	26 ft	VMP-29-26-072418	7/24/2018	0.0017	J		<0.0058	U		<0.0058	U		0.0023	J		<0.003	U		0.0015	J		<0.0052	U	
		VMP-29-26-102618	10/26/2018	<0.0072	U		<0.0063	U		<0.0063	U		<0.006	J	U	<0 0032	U		<0.0055	U		<0.0055	U	
		VMP-29-26-102618-DUP	10/26/2018	<0.0063	U		<0.0055	U		<0.0055	U		<0.0052	J	U	<0 0029	U		<0.0049	U		<0.0049	U	
		VMP-29-26-012519	1/25/2019	<0.0059	U		<0.0052	U		<0.0052	U		0.0026	J		<0 0027	U		0.001	J		<0.0046	U	
		VMP-29-26-012519-DUP	1/25/2019	<0.0064	U		<0.0056	U		<0.0056	U		0.0021	J		<0 0029	U		<0.005	U		<0.005	U	
		VMP-29-26-050219	5/2/2019	0.0011	J		0.0021	J		0.00076	J		0.0039	J		<0 0032	U		0.013			0.0037	J	
VMP-30	10 ft	VMP-30-10-072418	7/24/2018	<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0 0031	U		<0.0052	U		<0.0052	U	
		VMP-30-10-102618	10/26/2018	<0.0066	U		0.0017	J		<0.0058	U		0.005	J		<0.003	U		0.003	J		0.0012	J	
		VMP-30-10-012519	1/25/2019	<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-30-10-050219	5/2/2019	0.00084	J		<0.0059	U		<0.0059	U		<0.0056	U		<0 0031	U		<0.0052	U		<0.0052	U	
	18 ft	VMP-30-18-072418	7/24/2018	0.0014	J		<0.0064	U		<0.0064	U		0.0018	J		<0 0033	U		<0.0056	U		<0.0056	U	
		VMP-30-18-102618	10/26/2018	<0.006	U		<0.0052	U		<0.0053	U		0.0012	J		<0 0027	U		0.0011	J		<0.0046	U	
		VMP-30-18-012519	1/25/2019	<0.0059	U		<0.0052	U		<0.0052	U		<0.0049	U		<0 0027	U		<0.0046	U		<0.0046	U	
		VMP-30-18-050219	5/2/2019	0.0011	J		0.0031	J		<0.0059	U		<0.0056	U		<0 0031	U		0.0048	J		0.0024	J	
	26 ft	VMP-30-26-072418	7/24/2018	<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0 0031	U		<0.0053	U		<0.0053	U	
		VMP-30-26-072418-DUP	7/24/2018	<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0 0032	U		<0.0054	U		<0.0054	U	
		VMP-30-26-102618	10/26/2018	<0.0063	U		<0.0056	U		<0.0056	U		<0.0053	U		<0 0029	U		<0.0049	U		<0.0049	U	
		VMP-30-26-012519	1/25/2019	<0.0062	U		<0.0054	U		<0.0054	U		0.0042	J		<0 0028	U		<0.0048	U		<0.0048	U	
		VMP-30-26-050219	5/2/2019	0 001	J		0.0007	J		<0.0057	U		0.0045	J		<0.003	U		0.0036	J		<0.005	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				5600												4.8			580			790		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-072018	7/20/2018	<0.007	U		<0.0062	U		<0.0062	U		0.00055	J		<0 0032	U		0.00099	J		<0.0054	U	
		VMP-41-10-102518	10/25/2018	<0.0066	U		<0.0058	U		<0.0058	U		0.0028	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-41-10-012919	1/29/2019	<0.62	U		0.48	J		0.3	J		130			<0.28	U		56			14		
		VMP-41-10-022719R	2/27/2019	<0.0067	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-41-10-050319	5/3/2019	<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0 0031	U		<0.0052	U		<0.0052	U	
	20 ft	VMP-41-20-072018	7/20/2018	<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-41-20-102518	10/25/2018	<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-41-20-012919	1/29/2019	<0.0064	U		<0.0056	U		<0.0056	U		<0.0053	U		<0 0029	U		<0.005	U		<0.005	U	
		VMP-41-20-050319	5/3/2019	<0.0079	U		<0.0069	U		<0.0069	U		<0.0065	U		<0 0036	U		<0.0061	U		<0.0061	U	
	26 ft	VMP-41-26-072018	7/20/2018	<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-41-26-102518	10/25/2018	0.0013	J		<0.0059	U		<0.0059	U		<0.0056	U		<0 0031	U		<0.0052	U		<0.0052	U	
		VMP-41-26-012919	1/29/2019	0.0012	J		0.0019	J		<0.0055	U		0.031			<0 0029	U		<0.0049	U		<0.0049	U	
		VMP-41-26-050319	5/3/2019	<0.007	U		<0.0062	U		<0.0062	U		<0.0059	U		<0 0032	U		<0.0054	U		<0.0054	U	
VMP-55	5 ft	VMP-55-5-103018	10/30/2018	<0.0065	U		<0.0057	U		<0.0057	U		0.02			<0.003	U		<0.005	U		<0.005	U	
	20 ft	VMP-55-20-072518	7/25/2018	<0.44	U		<0.38	U		<0.38	U		97			<0.2	U		0.59			0.2	J	
		VMP-55-20-103018	10/30/2018	<2.4	U		<2.1	U		<2.1	U		110			<1.1	U		1 2	J		<1.8	U	
		VMP-55-20-050119	5/1/2019	<0.7	U		<0.61	U		<0.61	U		140			<0.32	U		<0.54	U		<0.54	U	

Notes:
Yellow highlighted cells indicate readings that exceed industrial screening criterion.
Blank cells in Result column indicate that analyte was not on target analyte list.

Lab Qualifiers
J = Estimated value; results between the MDL and RL
U = Compound analyzed for but not detected above he RL
CN = Indicates potential high bias due to use of Tedlar© bag for off-line dilution

AECOM Qualifiers
J = Estimated detection
UJ = Estimated non-detect
U = Non-detect due to blank contamination

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 7
HISTORICAL SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-071818	7/18/2018	0.65			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00021	J		79			20		
		VMP-1-5-102218	10/22/2018	0.44			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-1-5-012319	1/23/2019	0.12			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.0014			79			21		
		VMP-1-5-043019	4/30/2019	0.12			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000087	J		80			20		
	8.5 ft	VMP-1-8.5-071818	7/18/2018	0.77			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-1-8.5-102218	10/22/2018	0.38			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			20		
		VMP-1-8.5-012319	1/23/2019	0.12			<0.022	U		<0.0022	U		<0.0022	U		0.0086	J		0.00058			79			21		
		VMP-1-8.5-043019	4/30/2019	0.13			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
	23.5 ft	VMP-1-23.5-071818	7/18/2018	0.95			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
		VMP-1-23.5-102218	10/22/2018	0.44			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-1-23.5-102218-DUP	10/22/2018	0.44			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-1-23.5-012319	1/23/2019	0.085			<0.022	U		<0.0022	U		<0.0022	U		0.81			0.00054			78			21		
		VMP-1-23.5-012319-DUP	1/23/2019	0.085			<0.021	U		<0.0021	U		<0.0021	U		0.84			0.0005			78			21		
		VMP-1-23.5-043019	4/30/2019	0.096			<0.024	U		<0.0024	U		<0.0024	U		0.96			0.000093	J		80			20		
VMP-2	5 ft	VMP-2-5-072418	7/24/2018	5.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			15		
		VMP-2-5-102418	10/24/2018	2.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			19		
		VMP-2-5-012319	1/23/2019	0.81			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		79			20		
		VMP-2-5-042619	4/26/2019	1.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
	8.5 ft	VMP-2-8.5-072418	7/24/2018	4.2			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			16		
		VMP-2-8.5-102418	10/24/2018	3.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			18		
		VMP-2-8.5-012319	1/23/2019	1.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			20		
		VMP-2-8.5-042619	4/26/2019	1.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
	22 ft	VMP-2-22-072418	7/24/2018	2.7			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00012	J		79			18		
		VMP-2-22-072418-DUP	7/24/2018	2.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00016	J		80			17		
		VMP-2-22-102418	10/24/2018	2.8			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			18		
		VMP-2-22-102418-DUP	10/24/2018	2.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			18		
		VMP-2-22-012319	1/23/2019	1.8			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			20		
		VMP-2-22-042619	4/26/2019	1.2			<0.025	U		<0.0025	U		<0.0025	U		0.0071	J		<0.00025	U		80			19		
		VMP-2-22-042619-DUP	4/26/2019	1.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
VMP-3	5 ft	VMP-3-5-072318	7/23/2018	0.14			<0.026	U		<0.0026	U		<0.0026	U		0.063	J		0.00017	J		80			20		
		VMP-3-5-102918	10/29/2018	0.05			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00024			79			21		
		VMP-3-5-012419	1/24/2019	0.058			<0.023	U		<0.0023	U		<0.0023	U		0.96			0.00025			78			21		
		VMP-3-5-042919	4/29/2019	0.071			<0.023	U		<0.0023	U		<0.0023	U		0.25			0.00021	J		80			20		
	10 ft	VMP-3-10-072318	7/23/2018	0.14			<0.024	U		<0.0024	U		<0.0024	U		0.31			0.00022	J		78			21		
		VMP-3-10-102918	10/29/2018	0.13			<0.022	U		<0.0022	U		<0.0022	U		0.055	J		0.00018	J		79			21		
		VMP-3-10-020119	2/1/2019	0.12			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00021	J		79			21		
		VMP-3-10-042919	4/29/2019	0.41			<0.024	U		<0.0024	U		<0.0024	U		0.055	J		0.0001	J		80			20		
	22 ft	VMP-3-22-072318	7/23/2018	1.5			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			19		
		VMP-3-22-102918	10/29/2018	0.9			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
		VMP-3-22-012419	1/24/2019	0.38			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-3-22-042919	4/29/2019	0.29			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
	31.5 ft	VMP-3-31.5-072318	7/23/2018	6.2			<0.025	U		<0.0025	U		<0.0025	U		0.068	J		0.00022	J		81			13		
		VMP-3-31.5-102918	10/29/2018	7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			13		
		VMP-3-31.5-012419	1/24/2019	8.1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.000083	J		78			14		
		VMP-3-31.5-042919	4/29/2019	6.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00012	J		78			16		
	39 ft	VMP-3-39-072318	7/23/2018	3.6			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00056			79			17		
		VMP-3-39-102918	10/29/2018	5.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00026			79			16		
		VMP-3-39-012419	1/24/2019	4.8			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.0005			78			17		
		VMP-3-39-012419-DUP	1/24/2019	4.5			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.00048			78			17		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 7
HISTORICAL SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-4	5 ft	VMP-4-5-072318	7/23/2018	0.56			<0.025	U		<0.0025	U		<0.0025	U		0.031	J		<0.00025	U		79			20		
		VMP-4-5-102918	10/29/2018	0.065			<0.024	U		<0.0024	U		<0.0024	U		0.032	J		0.00012	J		79			21		
		VMP-4-5-012119	1/21/2019	0.053			<0.023	U		<0.0023	U		<0.0023	U		0.033	J		<0.00023	U		79			21		
		VMP-4-5-043019	4/30/2019	0.13			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
	12 ft	VMP-4-12-072318	7/23/2018	1.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-4-12-102918	10/29/2018	0.12			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			21		
		VMP-4-12-012119	1/21/2019	0.072			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-4-12-043019	4/30/2019	0.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
	23.5 ft	VMP-4-23.5-072318	7/23/2018	2.1			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00011	J		80			18		
		VMP-4-23.5-072318-DUP	7/23/2018	2.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00011	J		80			18		
		VMP-4-23.5-102918	10/29/2018	2.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00017	J		79			19		
		VMP-4-23.5-012119	1/21/2019	1.8			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		78			20		
		VMP-4-23.5-043019	4/30/2019	0.87			<0.025	U		<0.0025	U		<0.0025	U		0.0063	J		0.000093	J		79			20		
VMP-5	5 ft	VMP-5-5-071818	7/18/2018	0.22			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00016	J		80			20		
		VMP-5-5-101918	10/19/2018	0.56			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			20		
		VMP-5-5-012219	1/22/2019	0.045			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.00018	J		79			21		
		VMP-5-5-050119	5/1/2019	0.058			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0002	J		79			21		
	12.5 ft	VMP-5-12.5-071818	7/18/2018	1.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-5-12.5-101918	10/19/2018	1.3			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-5-12.5-012219	1/22/2019	0.13			<0.022	U		<0.0022	U		<0.0022	U		0.0092	J		<0.00022	U		79			21		
		VMP-5-12.5-050119	5/1/2019	0.2			<0.025	U		<0.0025	U		<0.0025	U		0.012	J		0.00036			79			21		
	31 ft	VMP-5-31-071818	7/18/2018	1.4			<0.025	U		<0.0025	U		<0.0025	U		0.043	J		<0.00025	U		80			19		
		VMP-5-31-101918	10/19/2018	1.7			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			19		
		VMP-5-31-012219	1/22/2019	0.38			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-5-31-050119	5/1/2019	0.49			<0.025	U		<0.0025	U		<0.0025	U		0.029	J		<0.00025	U		80			20		
	40 ft	VMP-5-40-071818	7/18/2018	1.5			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-5-40-101918	10/19/2018	2			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			19		
		VMP-5-40-020419	2/4/2019	1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0001	J		78			21		
		VMP-5-40-050119	5/1/2019	1.1			<0.022	U		<0.0022	U		<0.0022	U		0.0051	J		<0.00022	U		80			19		
VMP-6	5 ft	VMP-6-5-071918	7/19/2018	0.92			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-6-5-102218	10/22/2018	1.7			<0.026	U		<0.0026	U		<0.0026	U		0.037	J		<0.00026	U		79			19		
		VMP-6-5-013119	1/31/2019	0.39			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00011	J		79			21		
		VMP-6-5-042519	4/25/2019	0.11			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.000088	J		80			20		
	10 ft	VMP-6-10-071918	7/19/2018	2.6			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			18		
		VMP-6-10-102218	10/22/2018	2.4			<0.023	U		<0.0023	U		<0.0023	U		0.043	J		<0.00023	U		80			18		
		VMP-6-10-012219	1/22/2019	0.44			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			21		
		VMP-6-10-042519	4/25/2019	0.44			<0.024	U		<0.0024	U		<0.0024	U		0.15			<0.00024	U		79			20		
	31.5 ft	VMP-6-31.5-071918	7/19/2018	2.4			<0.024	U		<0.0024	U		<0.0024	U		0.015	J		<0.00024	U		80			18		
		VMP-6-31.5-102218	10/22/2018	3.6			<0.024	U		<0.0024	U		<0.0024	U		0.084	J		<0.00024	U		79			17		
		VMP-6-31.5-020119	2/1/2019	2.3			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			19		
		VMP-6-31.5-042519	4/25/2019	1.7			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00018	J		79			19		
	39 ft	VMP-6-39-071918	7/19/2018	2.5			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			18		
		VMP-6-39-102218	10/22/2018	4			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			16		
		VMP-6-39-012219	1/22/2019	3			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			18		
		VMP-6-39-042519	4/25/2019	2.4			<0.024	U		<0.0024	U		<0.0024	U		0.0064	J		0.0001	J		79			19		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 7
HISTORICAL SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-7	5 ft	VMP-7-5-071918	7/19/2018	0.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-7-5-102218	10/22/2018	0.93			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-7-5-012219	1/22/2019	0.089			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		0.00016	J		79			21		
		VMP-7-5-042519	4/25/2019	0.22			<0.025	U		<0.0025	U		<0.0025	U		0.0073	J		<0.00025	U		79			21		
	13.5 ft	VMP-7-13.5-071918	7/19/2018	0.73			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-7-13.5-102218	10/22/2018	1.3			<0.024	U		<0.0024	U		<0.0024	U		0.019	J		<0.00024	U		79			20		
		VMP-7-13.5-020119	2/1/2019	0.096			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-7-13.5-042519	4/25/2019	0.29			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
	29.5 ft	VMP-7-29.5-071918	7/19/2018	1.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-7-29.5-102218	10/22/2018	2.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		
		VMP-7-29.5-020119	2/1/2019	1.9			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			19		
		VMP-7-29.5-042519	4/25/2019	0.89			<0.028	U		<0.0028	U		<0.0028	U		0.015	J		<0.00028	U		79			20		
	38 ft	VMP-7-38-071918	7/19/2018	1.9			<0.01	U		<0.001	U		<0.001	U		<0.05	U		<0.0001	U		80			18		
		VMP-7-38-071918-DUP	7/19/2018	1.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		
		VMP-7-38-102218	10/22/2018	2.7			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			18		
		VMP-7-38-012219	1/22/2019	2.2			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			19		
		VMP-7-38-042519	4/25/2019	1.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
		VMP-7-38-042519-DUP	4/25/2019	1.4			<0.024	U		<0.0024	U		<0.0024	U		0.0041	J		<0.00024	U		80			19		
VMP-8	5 ft	VMP-8-5-072518	7/25/2018	2.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		
		VMP-8-5-102418	10/24/2018	2.2			<0.024	U		<0.0024	U		<0.0024	U		0.0092	J		<0.00024	U		79			19		
		VMP-8-5-011819	1/18/2019	0.38			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		80			20		
		VMP-8-5-042419	4/24/2019	0.66			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			19		
	9.5 ft	VMP-8-9.5-072518	7/25/2018	3.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			17		
		VMP-8-9.5-102418	10/24/2018	3.8			<0.024	U		<0.0024	U		<0.0024	U		0.029	J		<0.00024	U		78			18		
		VMP-8-9.5-011819	1/18/2019	2.8			<0.022	U		<0.0022	U		<0.0022	U		0.02	J		<0.00022	U		79			18		
		VMP-8-9.5-042419	4/24/2019	1.7			<0.023	U		<0.0023	U		<0.0023	U		0.015	J		<0.00023	U		80			18		
	23.5 ft	VMP-8-23.5-072518	7/25/2018	3.2			<0.025	U		<0.0025	U		<0.0025	U		0.03	J		<0.00025	U		80			17		
		VMP-8-23.5-102418	10/24/2018	4.2			<0.023	U		<0.0023	U		<0.0023	U		0.014	J		<0.00023	U		80			16		
		VMP-8-23.5-011819	1/18/2019	0.33			<0.023	U		<0.0023	U		<0.0023	U		39			0.00009	J		48			13		
		VMP-8-23.5-022719R	2/27/2019	3.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			17		
		VMP-8-23.5-042419	4/24/2019	2.8			<0.023	U		<0.0023	U		<0.0023	U		0.0063	J		<0.00023	U		79			18		
	35.5 ft	VMP-8-35.5-072518	7/25/2018	1.4			<0.024	U		<0.0024	U		<0.0024	U		0.72			0.00013	J		79			19		
		VMP-8-35.5-072518-DUP	7/25/2018	1.4			<0.024	U		<0.0024	U		<0.0024	U		0.73			0.00012	J		79			19		
		VMP-8-35.5-102418	10/24/2018	1.5			<0.023	U		<0.0023	U		<0.0023	U		0.016	J		<0.00023	U		80			19		
		VMP-8-35.5-011819	1/18/2019	0.99			<0.021	U		<0.0021	U		<0.0021	U		1.2			0.000092	J		79			19		
		VMP-8-35.5-042419	4/24/2019	0.98			<0.024	U		<0.0024	U		<0.0024	U		0.76			0.000082	J		79			19		
		VMP-8-35.5-042419-DUP	4/24/2019	0.93			<0.023	U		<0.0023	U		<0.0023	U		0.81			0.000096	J		79			19		
VMP-9	5 ft	VMP-9-5-071918	7/19/2018	0.24			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00012	J		80			20		
		VMP-9-5-102318	10/23/2018	0.27			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
		VMP-9-5-012519	1/25/2019	0.082			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-9-5-042419	4/24/2019	0.17			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00011	J		79			21		
	11.5 ft	VMP-9-11.5-071918	7/19/2018	0.59			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-9-11.5-102318	10/23/2018	0.72			<0.024	U		<0.0024	U		<0.0024	U		0.0077	J		<0.00024	U		79			20		
		VMP-9-11.5-013119	1/31/2019	0.19			<0.022	U		<0.0022	U		<0.0022	U		0.21			<0.00022	U		79			21		
		VMP-9-11.5-042419	4/24/2019	0.39			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
	25.5 ft	VMP-9-25.5-071918	7/19/2018	1.4			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-9-25.5-102318	10/23/2018	2			<0.023	U		<0.0023	U		<0.0023	U		0.057	J		<0.00023	U		79			19		
		VMP-9-25.5-011819	1/18/2019	0.79			<0.021	U		<0.0021	U		<0.0021	U		0.016	J		<0.00021	U		79			20		
		VMP-9-25.5-042419	4/24/2019	0.53			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
	38.5 ft	VMP-9-38.5-071918	7/19/2018	1.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
		VMP-9-38.5-102318	10/23/2018	2.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			18		
		VMP-9-38.5-011819	1/18/2019	2.4			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		79			19		
		VMP-9-38.5-011819-DUP	1/18/2019	2.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			19		
		VMP-9-38.5-042419	4/24/2019	1.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0001	J		79			19		
		VMP-9-38.5-042419-DUP	4/24/2019	1.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.000088	J		79			19		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 7
HISTORICAL SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-072018	7/20/2018	1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-10-5-102618	10/26/2018	0.22			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-10-5-012419	1/24/2019	0.074			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			21		
		VMP-10-5-050219	5/2/2019	0.43			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
	10 ft	VMP-10-10-072018	7/20/2018	1.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-10-10-102618	10/26/2018	0.43			<0.023	U		<0.0023	U		<0.0023	U		0.011	J		<0.00023	U		80			20		
		VMP-10-10-012419	1/24/2019	0.12			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			21		
		VMP-10-10-050219	5/2/2019	0.37			<0.025	U		<0.0025	U		<0.0025	U		0.0049	J		<0.00025	U		80			20		
	20 ft	VMP-10-20-072018	7/20/2018	1.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-10-20-102618	10/26/2018	0.98			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-10-20-012419	1/24/2019	0.36			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			21		
		VMP-10-20-050219	5/2/2019	0.24			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
	30 ft	VMP-10-30-072018	7/20/2018	0.97			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
		VMP-10-30-072018-DUP	7/20/2018	1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
		VMP-10-30-102618	10/26/2018	1.6			<0.023	U		<0.0023	U		<0.0023	U		0.037	J		<0.00023	U		78			20		
		VMP-10-30-102618-DUP	10/26/2018	1.6			<0.023	U		<0.0023	U		<0.0023	U		0.051	J		<0.00023	U		78			20		
		VMP-10-30-020119	2/1/2019	0.88			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
		VMP-10-30-050219	5/2/2019	0.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00017	J		80			20		
		VMP-10-30-050219-DUP	5/2/2019	0.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00019	J		80			20		
VMP-11	5 ft	VMP-11-5-072618	7/26/2018	1.5			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-11-5-103018	10/30/2018	0.39			<0.023	U		<0.0023	U		<0.0023	U		0.019	J		<0.00023	U		80			20		
		VMP-11-5-020419	2/4/2019	0.42			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-11-5-043019	4/30/2019	0.61			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
	8 ft	VMP-11-8-072618	7/26/2018	2.1			<0.022	U		<0.0022	U		<0.0022	U		0.0092	J		<0.00022	U		79			19		
		VMP-11-8-103018	10/30/2018	0.82			<0.024	U		<0.0024	U		<0.0024	U		0.0098	J		<0.00024	U		79			20		
		VMP-11-8-020419	2/4/2019	0.55			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-11-8-043019	4/30/2019	0.71			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
	29 ft	VMP-11-29-072618	7/26/2018	1.9			<0.023	U		<0.0023	U		<0.0023	U		0.023	J		<0.00023	U		80			18		
		VMP-11-29-103018	10/30/2018	1.7			<0.024	U		<0.0024	U		<0.0024	U		0.014	J		<0.00024	U		79			19		
		VMP-11-29-020419	2/4/2019	1			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			21		
		VMP-11-29-043019	4/30/2019	0.84			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
	38 ft	VMP-11-38-072618	7/26/2018	1.7			<0.024	U		<0.0024	U		<0.0024	U		0.013	J		<0.00024	U		79			19		
		VMP-11-38-072618-DUP	7/26/2018	1.7			<0.023	U		<0.0023	U		<0.0023	U		0.014	J		<0.00023	U		79			19		
		VMP-11-38-103018	10/30/2018	0.87			<0.023	U		<0.0023	U		<0.0023	U		0.022	J		<0.00023	U		79			20		
		VMP-11-38-020119	2/1/2019	0.76			<0.022	U		<0.0022	U		<0.0022	U		0.01	J		0.000094	J		79			20		
		VMP-11-38-020119-DUP	2/1/2019	0.78			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.000091	J		79			20		
		VMP-11-38-043019	4/30/2019	0.41			<0.023	U		<0.0023	U		<0.0023	U		0.042	J		0.000065	J		80			20		
		VMP-11-38-043019-DUP	4/30/2019	0.4			<0.023	U		<0.0023	U		<0.0023	U		0.04	J		0.000069	J		80			20		
VMP-12	5 ft	VMP-12-5-072718	7/27/2018	0.051			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00016	J		80			20		
		VMP-12-5-103118	10/31/2018	0.043			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00025			80			20		
		VMP-12-5-012819	1/28/2019	0.026			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00016	J		80			20		
		VMP-12-5-012819-DUP	1/28/2019	0.026			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00018	J		80			20		
		VMP-12-5-050319	5/3/2019	0.057			<0.025	U		<0.0025	U		<0.0025	U		0.043	J		0.000097	J		79			21		
	11.5 ft	VMP-12-11.5-103118	10/31/2018	0.079			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00011	J		80			20		
		VMP-12-11.5-012819	1/28/2019	0.44			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00016	J		80			20		
		VMP-12-11.5-050319	5/3/2019	0.23			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
	25 ft	VMP-12-25-072718	7/27/2018	1.2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00013	J		80			19		
		VMP-12-25-103118	10/31/2018	1.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00016	J		79			20		
		VMP-12-25-012819	1/28/2019	6.3			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.018			83			11		
		VMP-12-25-050319	5/3/2019	1.4			<0.024	U		<0.0024	U		<0.0024	U		0.018	J		0.00016	J		81			18		
		VMP-12-25-050319-DUP	5/3/2019	1.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00013	J		81			18		
	39 ft	VMP-12-39-072718	7/27/2018	14			<0.024	U		0.00014	J		<0.0024	U		<0.12	U		7.7			76			1.5		
		VMP-12-39-103118	10/31/2018	15			<0.023	U		0.00022	J		<0.0023	U		<0.11	U		10			73			1.5		
		VMP-12-39-103118-DUP	10/31/2018	15			<0.024	U		0.00017	J		<0.0024	U		<0.12	U		10			73			1.4		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 7
HISTORICAL SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-072418	7/24/2018	0.52			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			20		
		VMP-13-5-102918	10/29/2018	0.42			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			21		
		VMP-13-5-012919	1/29/2019	0.097			<0.022	U		<0.0022	U		<0.0022	U		0.014	J		<0.00022	U		79			21		
		VMP-13-5-050119	5/1/2019	0.13			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
	10.5 ft	VMP-13-10.5-072418	7/24/2018	0.45			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-13-10.5-102918	10/29/2018	0.5			<0.021	U		<0.0021	U		<0.0021	U		0.013	J		<0.00021	U		80			20		
		VMP-13-10.5-012919	1/29/2019	0.16			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-13-10.5-050119	5/1/2019	0.097			<0.025	U		<0.0025	U		<0.0025	U		0.013	J		<0.00025	U		79			21		
	21.5 ft	VMP-13-21.5-072418	7/24/2018	0.16			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-13-21.5-102918	10/29/2018	0.31			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-13-21.5-020419	2/4/2019	0.24			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			21		
		VMP-13-21.5-050119	5/1/2019	0.12			<0.026	U		<0.0026	U		<0.0026	U		0.016	J		<0.00026	U		79			21		
	29.5 ft	VMP-13-29.5-072418	7/24/2018	0.43			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00022	J		80			20		
		VMP-13-29.5-102918	10/29/2018	0.56			<0.024	U		<0.0024	U		<0.0024	U		0.018	J		<0.00024	U		79			20		
		VMP-13-29.5-102918-DUP	10/29/2018	0.56			<0.025	U		<0.0025	U		<0.0025	U		0.027	J		<0.00025	U		79			20		
		VMP-13-29.5-012919	1/29/2019	0.23			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-13-29.5-050119	5/1/2019	0.17			<0.026	U		<0.0026	U		<0.0026	U		0.017	J		<0.00026	U		80			20		
VMP-14	5 ft	VMP-14-5-072518	7/25/2018	0.51			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000086	J		79			20		
		VMP-14-5-102918	10/29/2018	0.099			<0.025	U		<0.0025	U		<0.0025	U		0.015	J		<0.00025	U		79			21		
		VMP-14-5-012919	1/29/2019	0.14			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-14-5-012919-DUP	1/29/2019	0.17			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-14-5-050119	5/1/2019	0.36			<0.024	U		<0.0024	U		<0.0024	U		0.022	J		0.00012	J		80			20		
	11.5 ft	VMP-14-11.5-072518	7/25/2018	0.53			<0.026	U		<0.0026	U		<0.0026	U		0.011	J		<0.00026	U		79			20		
		VMP-14-11.5-102918	10/29/2018	0.095			<0.023	U		<0.0023	U		<0.0023	U		0.14			<0.00023	U		79			21		
		VMP-14-11.5-012919	1/29/2019	0.15			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			21		
		VMP-14-11.5-050119	5/1/2019	0.67			<0.024	U		<0.0024	U		<0.0024	U		0.019	J		0.00021	J		79			20		
	20 ft	VMP-14-20-072518	7/25/2018	14			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00044			83			2.9		
		VMP-14-20-102918	10/29/2018	9.7			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00036			82			8.7		
		VMP-14-20-020419	2/4/2019	13			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00092			83			3.6		
		VMP-14-20-050119	5/1/2019	8.7			<0.026	U		<0.0026	U		<0.0026	U		0.38			0.00035			83			8.2		
	29 ft	VMP-14-29-072518	7/25/2018	7.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0002	J		82			10		
		VMP-14-29-072518-DUP	7/25/2018	8.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0002	J		82			9.7		
		VMP-14-29-102918	10/29/2018	3.4			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00012	J		80			17		
		VMP-14-29-102918-DUP	10/29/2018	3.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00022	J		80			17		
		VMP-14-29-020419	2/4/2019	6.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00025			82			12		
		VMP-14-29-050119	5/1/2019	4.8			<0.024	U		<0.0024	U		<0.0024	U		0.0045	J		0.00017	J		82			13		
VMP-15	5 ft	VMP-15-5-072518	7/25/2018	6.6			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		81			12		
		VMP-15-5-103018	10/30/2018	3.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			16		
		VMP-15-5-012419	1/24/2019	2.1			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			18		
		VMP-15-5-050119	5/1/2019	2			<0.024	U		<0.0024	U		<0.0024	U		0.013	J		<0.00024	U		82			16		
	21.5 ft	VMP-15-21.5-072518	7/25/2018	11			<0.024	U		<0.0024	U		<0.0024	U		0.011	J		0.32			87			1.6		
		VMP-15-21.5-103018	10/30/2018	13			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		84			3.4		
		VMP-15-21.5-012419	1/24/2019	12			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		84			4.2		
		VMP-15-21.5-050119	5/1/2019	7.2			<0.024	U		0.0006	J		<0.0024	U		<0.12	U		6.8			85			1.4		
	25.5 ft	VMP-15-25.5-072518	7/25/2018	16			<0.025	U		0.00027	J		<0.0025	U		0.01	J		0.71			82			1.5		
		VMP-15-25.5-103018	10/30/2018	15			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00093			83			1.8		
		VMP-15-25.5-012419	1/24/2019	15			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		81			3.7		
		VMP-15-25.5-050119	5/1/2019	16			<0.024	U		0.003			<0.0024	U		<0.12	U		7.1			75			1.6		
		VMP-15-25.5-050119-DUP	5/1/2019	16			<0.023	U		0.003			<0.0023	U		<0.12	U		7.1			75			1.7		
	29 ft	VMP-15-29-072518	7/25/2018	15			<0.026	U		0.00019	J		<0.0026	U		0.01	J		0.55			83			1.5		
		VMP-15-29-103018	10/30/2018	15			<0.023	U		<0.0023	U		<0.0023	U		0.0092	J		<0.00023	U		82			2.8		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 7
HISTORICAL SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-072718	7/27/2018	1.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0001	J		80			18		
		VMP-16-5-103118	10/31/2018	2.2			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			19		
		VMP-16-5-012819	1/28/2019	3.8			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.0096			78			18		
		VMP-16-5-050219	5/2/2019	1.8			<0.025	U		<0.0025	U		<0.0025	U		0.0094	J		<0.00025	U		80			18		
	13.5 ft	VMP-16-13.5-072718	7/27/2018	15			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.078			83			2		
		VMP-16-13.5-103118	10/31/2018	16			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.17			82			1.5		
		VMP-16-13.5-012819	1/28/2019	14			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		2.5			82			1.4		
		VMP-16-13.5-050219	5/2/2019	15			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		1.2			82			1.3		
	19 ft	VMP-16-19-072718	7/27/2018	15			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		2.8			80			1.6		
		VMP-16-19-103118	10/31/2018	16			<0.023	U		0.00017	J		<0.0023	U		<0.12	U		5.2			77			1.5		
		VMP-16-19-012819	1/28/2019	11			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		3.4			78			7.6		
		VMP-16-19-050219	5/2/2019	14			<0.024	U		0.000077	J		<0.0024	U		<0.12	U		2.9			82			1.5		
	31 ft	VMP-16-31-072718	7/27/2018	15			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		5.7			77			1.8		
		VMP-16-31-103118	10/31/2018	17			<0.024	U		0.00019	J		<0.0024	U		<0.12	U		8			73			1.4		
		VMP-16-31-012819	1/28/2019	16			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		6.8			76			1.3		
		VMP-16-31-050219	5/2/2019	15			<0.023	U		0.000089	J		<0.0023	U		<0.12	U		5			79			1.3		
		VMP-16-31-050219-DUP	5/2/2019	15			<0.023	U		0.000094	J		<0.0023	U		<0.12	U		4.9			78			1.6		
VMP-17	5 ft	VMP-17-5-071818	7/18/2018	1.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-17-5-103018	10/30/2018	0.24			<0.025	U		<0.0025	U		<0.0025	U		0.026	J		<0.00025	U		80			20		
		VMP-17-5-012419	1/24/2019	0.089			<0.022	U		<0.0022	U		<0.0022	U		0.013	J		<0.00022	U		79			21		
		VMP-17-5-042519	4/25/2019	0.55			<0.026	U		<0.0026	U		<0.0026	U		0.011	J		<0.00026	U		79			20		
VMP-18	8.5 ft	VMP-18-8.5-080718	8/7/2018	2.7			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			19		
		VMP-18-8.5-102618	10/26/2018	1.9			<0.023	U		<0.0023	U		<0.0023	U		0.037	J		<0.00023	U		78			20		
		VMP-18-8.5-012519	1/25/2019	0.76			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-18-8.5-043019	4/30/2019	1.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		81			18		
VMP-19	5 ft	VMP-19-5-073018	7/30/2018	0.73			<0.023	U		<0.0023	U		<0.0023	U		0.035	J		0.000098	J		79			20		
		VMP-19-5-073018-DUP	7/30/2018	0.71			<0.022	U		<0.0022	U		<0.0022	U		0.033	J		0.00012	J		79			20		
		VMP-19-5-103118	10/31/2018	0.14			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			21		
		VMP-19-5-103118-DUP	10/31/2018	0.14			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-19-5-012219	1/22/2019	0.077			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.00011	J		79			21		
		VMP-19-5-043019	4/30/2019	0.31			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-19-5-043019-DUP	4/30/2019	0.32			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
VMP-20	5 ft	VMP-20-5-071818	7/18/2018	13			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			9.2		
		VMP-20-5-102418	10/24/2018	6.2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			16		
		VMP-20-5-012119	1/21/2019	1.9			<0.02	U		<0.002	U		<0.002	U		<0.1	U		0.00012	J		79			19		
		VMP-20-5-042619	4/26/2019	5.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			15		
	10 ft	VMP-20-10-071818	7/18/2018	14			<0.024	U		<0.0024	U		<0.0024	U		0.013	J		<0.00024	U		79			7.4		
		VMP-20-10-102418	10/24/2018	8.9			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		77			14		
		VMP-20-10-012119	1/21/2019	4			<0.021	U		<0.0021	U		<0.0021	U		0.017	J		<0.00021	U		78			18		
		VMP-20-10-042619	4/26/2019	6.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			14		
	25 ft	VMP-20-25-071818	7/18/2018	4.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			17		
		VMP-20-25-102418	10/24/2018	6.2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			15		
		VMP-20-25-012119	1/21/2019	4.7			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		78			17		
		VMP-20-25-012119-DUP	1/21/2019	4.7			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		78			17		
		VMP-20-25-042619	4/26/2019	3.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			18		
	39.5 ft	VMP-20-39.5-071818	7/18/2018	6.7			<0.024	U		<0.0024	U		<0.0024	U		0.17			<0.00024	U		86			7.8		
		VMP-20-39.5-071818-DUP	7/18/2018	6.8			<0.026	U		<0.0026	U		<0.0026	U		0.16			<0.00026	U		86			7.6		
		VMP-20-39.5-102418	10/24/2018	6.6			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		84			9		
		VMP-20-39.5-020519	2/5/2019	6.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00011	J		84			10		
		VMP-20-39.5-042619	4/26/2019	6.1			<0.023	U		<0.0023	U		<0.0023	U		0.015	J		0.00013	J		84			9.7		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 7
HISTORICAL SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-21	5 ft	VMP-21-5-072318	7/23/2018	3.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			18		
		VMP-21-5-102318	10/23/2018	1.1			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			20		
		VMP-21-5-012119	1/21/2019	0.42			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			21		
		VMP-21-5-042619	4/26/2019	1.6			<0.025	U		<0.0025	U		<0.0025	U		0.005	J		<0.00025	U		80			18		
	10 ft	VMP-21-10-072318	7/23/2018	4.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			16		
		VMP-21-10-102318	10/23/2018	3.4			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			18		
		VMP-21-10-012119	1/21/2019	1.7			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		77			21		
		VMP-21-10-042619	4/26/2019	1.8			<0.025	U		<0.0025	U		<0.0025	U		0.012	J		<0.00025	U		80			18		
	25 ft	VMP-21-25-072318	7/23/2018	2.6			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			17		
		VMP-21-25-102318	10/23/2018	3.4			<0.022	U		<0.0022	U		<0.0022	U		0.024	J		<0.00022	U		79			18		
		VMP-21-25-012119	1/21/2019	2.4			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			20		
		VMP-21-25-042619	4/26/2019	1.6			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
	33 ft	VMP-21-33-072318	7/23/2018	2.3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		81			17		
		VMP-21-33-102318	10/23/2018	3.7			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			17		
		VMP-21-33-102318-DUP	10/23/2018	4			<0.022	U		<0.0022	U		<0.0022	U		0.019	J		<0.00022	U		79			17		
		VMP-21-33-012119	1/21/2019	3		J	<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			19		
		VMP-21-33-012119-DUP	1/21/2019	1.4		J	<0.02	U		<0.002	U		<0.002	U		<0.1	U		0.00017	J		79			20		
		VMP-21-33-042619	4/26/2019	2.1			<0.024	U		<0.0024	U		<0.0024	U		0.013	J		<0.00024	U		79			19		
VMP-22	5 ft	VMP-22-5-071818	7/18/2018	1.1			<0.025	U		<0.0025	U		<0.0025	U		0.019	J		<0.00025	U		79			20		
		VMP-22-5-101918	10/19/2018	0.46			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			21		
		VMP-22-5-012819	1/28/2019	0.087			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-22-5-043019	4/30/2019	0.41			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.000074	J		80			20		
	10 ft	VMP-22-10-071818	7/18/2018	1.4			<0.024	U		<0.0024	U		<0.0024	U		0.026	J		<0.00024	U		80			19		
		VMP-22-10-101918	10/19/2018	1.5			<0.022	U		<0.0022	U		<0.0022	U		0.11			<0.00022	U		80			18		
		VMP-22-10-012819	1/28/2019	0.079			<0.023	U		<0.0023	U		<0.0023	U		0.066	J		0.00016	J		79			21		
	18 ft	VMP-22-18-071818	7/18/2018	1.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-22-18-101918	10/19/2018	0.73			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-22-18-012819	1/28/2019	0.081			<0.022	U		<0.0022	U		<0.0022	U		0.23			0.00017	J		79			21		
		VMP-22-18-043019	4/30/2019	0.36			<0.023	U		<0.0023	U		<0.0023	U		0.0062	J		<0.00023	U		80			20		
	38 ft	VMP-22-38-071818	7/18/2018	1.2			<0.034	U		<0.0034	U		<0.0034	U		0.9			<0.00034	U		81			18		
		VMP-22-38-071818-DUP	7/18/2018	1.3			<0.025	U		<0.0025	U		<0.0025	U		0.56			<0.00025	U		80			19		
		VMP-22-38-101918	10/19/2018	1.8			<0.022	U		<0.0022	U		<0.0022	U		0.0083	J		<0.00022	U		79			19		
		VMP-22-38-012819	1/28/2019	0.1			<0.023	U		<0.0023	U		<0.0023	U		0.22			0.00017	J		79			21		
		VMP-22-38-012819-DUP	1/28/2019	0.098			<0.025	U		<0.0025	U		<0.0025	U		0.19			0.00021	J		79			21		
		VMP-22-38-043019	4/30/2019	0.46			<0.023	U		<0.0023	U		<0.0023	U		1.7			0.00017	J		80			20		
VMP-23	5 ft	VMP-23-5-071718	7/17/2018	2.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0002	J		80			18		
		VMP-23-5-101918	10/19/2018	0.67			<0.021	U		<0.0021	U		<0.0021	U		0.019	J		<0.00021	U		79			20		
		VMP-23-5-012319	1/23/2019	0.27			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.0002	J		79			21		
		VMP-23-5-042919	4/29/2019	0.63			<0.024	U		<0.0024	U		<0.0024	U		0.0086	J		0.00014	J		79			20		
	10 ft	VMP-23-10-071718	7/17/2018	1.5			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.0002	J		78			20		
		VMP-23-10-101918	10/19/2018	0.77			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-23-10-012319	1/23/2019	0.2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00013	J		79			21		
		VMP-23-10-042919	4/29/2019	0.41			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00012	J		80			20		
	25 ft	VMP-23-25-071718	7/17/2018	1.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-23-25-101918	10/19/2018	2.3			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			19		
		VMP-23-25-012319	1/23/2019	0.74			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			21		
		VMP-23-25-042919	4/29/2019	0.56			<0.024	U		<0.0024	U		<0.0024	U		0.0042	J		<0.00024	U		79			20		
	40 ft	VMP-23-40-071718	7/17/2018	1.7			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
		VMP-23-40-071718-DUP	7/17/2018	1.6			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-23-40-101918	10/19/2018	3.3			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			18		
		VMP-23-40-101918-DUP	10/19/2018	3.3			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			18		
		VMP-23-40-012319	1/23/2019	2.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			19		
		VMP-23-40-012319-DUP	1/23/2019	2.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			19		
		VMP-23-40-042919	4/29/2019	2.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
		VMP-23-40-042919-DUP	4/29/2019	2.2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			18		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 7
HISTORICAL SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-072018	7/20/2018	3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			17		
		VMP-24-5-102518	10/25/2018	4.1			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			17		
		VMP-24-5-012419	1/24/2019	1.8			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00015	J		79			19		
		VMP-24-5-012419-DUP	1/24/2019	1.8			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00018	J		79			19		
		VMP-24-5-042419	4/24/2019	1.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
	10 ft	VMP-24-10-072018	7/20/2018	3.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			16		
		VMP-24-10-102518	10/25/2018	4.8			<0.022	U		<0.0022	U		<0.0022	U		0.0075	J		<0.00022	U		79			16		
		VMP-24-10-012419	1/24/2019	2.7			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			18		
		VMP-24-10-042419	4/24/2019	2.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			18		
	22 ft	VMP-24-22-072018	7/20/2018	2.5			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			17		
		VMP-24-22-102518	10/25/2018	3.9			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			17		
		VMP-24-22-012419	1/24/2019	0.4			<0.023	U		<0.0023	U		<0.0023	U		0.68			0.00024			78			21		
		VMP-24-22-042419	4/24/2019	2.5			<0.024	U		<0.0024	U		<0.0024	U		0.013	J		<0.00024	U		80			18		
	34 ft	VMP-24-34-072018	7/20/2018	3.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			16		
		VMP-24-34-072018-DUP	7/20/2018	4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			16		
		VMP-24-34-102518	10/25/2018	4.9			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			16		
		VMP-24-34-102518-DUP	10/25/2018	4.9			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			16		
		VMP-24-34-012419	1/24/2019	2.8			<0.021	U		<0.0021	U		<0.0021	U		0.18			<0.00021	U		78			19		
		VMP-24-34-042419	4/24/2019	2.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			18		
VMP-25	5 ft	VMP-25-5-073118	7/31/2018	12			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00072			84			3.8		
		VMP-25-5-073118-DUP	7/31/2018	12			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00076			84			3.7		
		VMP-25-5-103018	10/30/2018	6.2			<0.024	U		<0.0024	U		<0.0024	U		0.069	J		<0.00024	U		86			7.9		
		VMP-25-5-103018-DUP	10/30/2018	6.2			<0.025	U		<0.0025	U		<0.0025	U		0.08	J		<0.00025	U		86			8.1		
		VMP-25-5-012219	1/22/2019	2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			18		
		VMP-25-5-012219-DUP	1/22/2019	2			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		80			18		
		VMP-25-5-042519	4/25/2019	2.7			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00035			94			2.9		
		VMP-25-5-042519-DUP	4/25/2019	2.8			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00041			94			2.6		
VMP-29	10 ft	VMP-29-10-072418	7/24/2018	0.38			<0.023	U		<0.0023	U		<0.0023	U		0.026	J		0.00013	J		80			20		
		VMP-29-10-102618	10/26/2018	0.18			<0.023	U		<0.0023	U		<0.0023	U		0.037	J		0.00016	J		79			21		
		VMP-29-10-050219	5/2/2019	0.12			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.000082	J		80			20		
	18 ft	VMP-29-18-072418	7/24/2018	0.44			<0.024	U		<0.0024	U		<0.0024	U		0.026	J		0.00011	J		80			20		
		VMP-29-18-102618	10/26/2018	0.19			<0.023	U		<0.0023	U		<0.0023	U		0.024	J		0.00018	J		79			21		
		VMP-29-18-012519	1/25/2019	0.14			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		0.000097	J		79			21		
		VMP-29-18-050219	5/2/2019	0.18			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
	26 ft	VMP-29-26-072418	7/24/2018	0.72			<0.024	U		<0.0024	U		<0.0024	U		0.0087	J		<0.00024	U		79			20		
		VMP-29-26-102618	10/26/2018	0.19			<0.026	U		<0.0026	U		<0.0026	U		0.065	J		0.00014	J		79			21		
		VMP-29-26-102618-DUP	10/26/2018	0.16			<0.022	U		<0.0022	U		<0.0022	U		0.045	J		0.0002	J		79			21		
		VMP-29-26-012519	1/25/2019	0.39			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		79			21		
		VMP-29-26-012519-DUP	1/25/2019	0.38			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			21		
		VMP-29-26-050219	5/2/2019	0.048			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00018	J		79			21		
VMP-30	10 ft	VMP-30-10-072418	7/24/2018	0.077			<0.024	U		<0.0024	U		<0.0024	U		0.016	J		0.000088	J		80			20		
		VMP-30-10-102618	10/26/2018	0.095			<0.023	U		<0.0023	U		<0.0023	U		0.011	J		0.00018	J		79			21		
		VMP-30-10-012519	1/25/2019	0.03			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-30-10-050219	5/2/2019	0.051			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00012	J		80			20		
	18 ft	VMP-30-18-072418	7/24/2018	0.076			<0.026	U		<0.0026	U		<0.0026	U		0.015	J		0.0002	J		80			20		
		VMP-30-18-102618	10/26/2018	0.16			<0.038	U		<0.0038	U		<0.0038	U		0.013	J		<0.00038	U		79			21		
		VMP-30-18-012519	1/25/2019	0.12			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			21		
		VMP-30-18-050219	5/2/2019	0.044			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00019	J		79			21		
	26 ft	VMP-30-26-072418	7/24/2018	0.14			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00016	J		80			20		
		VMP-30-26-072418-DUP	7/24/2018	0.14			<0.025	U		<0.0025	U		<0.0025	U		0.0091	J		0.00014	J		80			20		
		VMP-30-26-102618	10/26/2018	0.19			<0.023	U		<0.0023	U		<0.0023	U		0.38			0.00012	J		79			21		
		VMP-30-26-012519	1/25/2019	0.18			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-30-26-050219	5/2/2019	0.073			<0.023	U		<0.0023	U		<0.0023	U		0.28			0.00015	J		79			21		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 7
HISTORICAL SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-32	5 ft	VMP-32-5-072318	7/23/2018	2.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		
		VMP-32-5-012319	1/23/2019	0.35			<0.022	U		<0.0022	U		<0.0022	U		0.0084	J		<0.00022	U		79			21		
		VMP-32-5-043019	4/30/2019	0.83			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
	10 ft	VMP-32-10-072318	7/23/2018	2.7			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			18		
		VMP-32-10-102518	10/25/2018	1.6			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			19		
		VMP-32-10-012319	1/23/2019	0.68			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		79			20		
		VMP-32-10-043019	4/30/2019	0.69			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
	20 ft	VMP-32-20-072318	7/23/2018	0.095			<0.025	U		<0.0025	U		<0.0025	U		0.37			0.0002	J		79			21		
		VMP-32-20-102518	10/25/2018	0.12			<0.023	U		<0.0023	U		<0.0023	U		0.08	J		0.00019	J		79			21		
		VMP-32-20-012319	1/23/2019	0.045			<0.022	U		<0.0022	U		<0.0022	U		2			0.00014	J		78			20		
		VMP-32-20-043019	4/30/2019	0.058			<0.023	U		<0.0023	U		<0.0023	U		0.45			0.00021	J		80			20		
	30 ft	VMP-32-30-072318	7/23/2018	0.54			<0.023	U		<0.0023	U		<0.0023	U		2.1			0.00018	J		77			20		
		VMP-32-30-102518	10/25/2018	0.3			<0.023	U		<0.0023	U		<0.0023	U		0.25			0.0002	J		80			20		
		VMP-32-30-012319	1/23/2019	0.065			<0.021	U		<0.0021	U		<0.0021	U		2			0.00022			77			21		
		VMP-32-30-050319	5/3/2019	0.18			<0.022	U		<0.0022	U		<0.0022	U		1.9			0.00018	J		80			20		
VMP-41	10 ft	VMP-41-10-072018	7/20/2018	0.78			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-41-10-102518	10/25/2018	0.44			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-41-10-012919	1/29/2019	0.19			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-41-10-022719R	2/27/2019	0.14			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-41-10-050319	5/3/2019	0.38			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
	20 ft	VMP-41-20-072018	7/20/2018	1.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-41-20-102518	10/25/2018	0.98			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-41-20-012919	1/29/2019	0.39			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			20		
		VMP-41-20-050319	5/3/2019	0.27			<0.028	U		<0.0028	U		<0.0028	U		0.014	J		<0.00028	U		80			20		
	26 ft	VMP-41-26-072018	7/20/2018	1.1			<0.024	U		<0.0024	U		<0.0024	U		0.013	J		<0.00024	U		80			19		
		VMP-41-26-102518	10/25/2018	1.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-41-26-012919	1/29/2019	0.77			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			21		
		VMP-41-26-050319	5/3/2019	0.43			<0.025	U		<0.0025	U		<0.0025	U		0.037	J		<0.00025	U		80			20		
VMP-42	10 ft	VMP-42-10-072318	7/23/2018	1.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-42-10-102218	10/22/2018	1.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-42-10-012519	1/25/2019	0.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-42-10-050119	5/1/2019	0.44			<0.024	U		<0.0024	U		<0.0024	U		0.07	J		<0.00024	U		80			20		
	20 ft	VMP-42-20-072318	7/23/2018	3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			18		
		VMP-42-20-102218	10/22/2018	2.5			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			19		
		VMP-42-20-020519	2/5/2019	0.95			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			21		
		VMP-42-20-050119	5/1/2019	0.59			<0.025	U		<0.0025	U		<0.0025	U		0.0059	J		<0.00025	U		79			20		
	30 ft	VMP-42-30-072318	7/23/2018	1.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-42-30-072318-DUP	7/23/2018	1.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		
		VMP-42-30-102218	10/22/2018	2.4			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			19		
		VMP-42-30-112818	11/28/2018	2			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		78			20		
		VMP-42-30-012519	1/25/2019	1.2			<0.021	U		<0.0021	U		<0.0021	U		0.04	J		<0.00021	U		78			21		
		VMP-42-30-050119	5/1/2019	0.74			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			19		
VMP-43	10 ft	VMP-43-10-071818	7/18/2018	0.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00045			80			20		
		VMP-43-10-102918	10/29/2018	0.084			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00018	J		79			21		
		VMP-43-10-012919	1/29/2019	0.077			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	J	U	79			21		
		VMP-43-10-042919	4/29/2019	0.066			<0.024	U		<0.0024	U		<0.0024	U		0.071	J		0.00017	J		80			20		
	20 ft	VMP-43-20-071818	7/18/2018	0.56			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00023	J		79			20		
		VMP-43-20-102918	10/29/2018	0.084			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00015	J		79			21		
		VMP-43-20-012919	1/29/2019	0.084			<0.021	U		<0.0021	U		<0.0021	U		0.03	J		<0.00021		U	79			21		
		VMP-43-20-042919	4/29/2019	0.22			<0.025	U		<0.0025	U		<0.0025	U		1.4			0.00013	J		79			20		
	30 ft	VMP-43-30-071818	7/18/2018	0.87			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-43-30-102918	10/29/2018	1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-43-30-012919	1/29/2019	2.1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	J	U	80			18		
		VMP-43-30-012919-DUP	1/29/2019	2.1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	J	U	80			18		
		VMP-43-30-042919	4/29/2019	0.84			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 7
HISTORICAL SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-071818	7/18/2018	0.52			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00021	J		79			20		
		VMP-44-10-102518	10/25/2018	0.78			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0002	J		79			20		
		VMP-44-10-012219	1/22/2019	0.18			<0.021	U		<0.0021	U		<0.0021	U		0.094	J		0.00052			79			21		
		VMP-44-10-042919	4/29/2019	0.18			<0.024	U		<0.0024	U		<0.0024	U		0.045	J		0.00014	J		80			20		
	20 ft	VMP-44-20-071818	7/18/2018	0.85			<0.024	U		<0.0024	U		<0.0024	U		0.085	J		0.0002	J		80			19		
		VMP-44-20-102518	10/25/2018	0.3			<0.023	U		<0.0023	U		<0.0023	U		0.032	J		0.00018	J		80			20		
		VMP-44-20-020419	2/4/2019	0.097			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00042			79			21		
		VMP-44-20-020419-DUP	2/4/2019	0.098			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00041			79			21		
		VMP-44-20-042919	4/29/2019	0.25			<0.024	U		<0.0024	U		<0.0024	U		0.039	J		0.00015	J		80			20		
	30 ft	VMP-44-30-071818	7/18/2018	0.63			<0.025	U		<0.0025	U		<0.0025	U		0.18			0.00023	J		79			20		
		VMP-44-30-102518	10/25/2018	0.26			<0.024	U		<0.0024	U		<0.0024	U		0.044	J		0.00018	J		80			20		
		VMP-44-30-012219	1/22/2019	0.076			<0.021	U		<0.0021	U		<0.0021	U		0.023	J		0.00066			79			21		
		VMP-44-30-042919	4/29/2019	0.16			<0.024	U		<0.0024	U		<0.0024	U		0.72			0.00019	J		79			20		
VMP-45	10 ft	VMP-45-10-071918	7/19/2018	0.42			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0034			80			20		
		VMP-45-10-102518	10/25/2018	0.77			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-45-10-012219	1/22/2019	0.07			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00014	J		79			21		
		VMP-45-10-042519	4/25/2019	0.12			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00017	J		79			21		
	20 ft	VMP-45-20-071918	7/19/2018	0.75			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-45-20-102518	10/25/2018	1.6			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			19		
		VMP-45-20-012219	1/22/2019	0.16			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-45-20-042519	4/25/2019	0.19			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.000099	J		79			21		
	30 ft	VMP-45-30-071918	7/19/2018	1.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-45-30-102518	10/25/2018	2.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-45-30-012219	1/22/2019	0.65			<0.022	U		<0.0022	U		<0.0022	U		0.011	J		<0.00022	U		79			20		
		VMP-45-30-042519	4/25/2019	0.031			<0.026	U		<0.0026	U		<0.0026	U		40			0.0001	J		48			12		
		VMP-45-30-052819R	5/28/2019	0.042			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00022	J		79			21		
VMP-47	5 ft	VMP-47-5-071918	7/19/2018	0.57			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00022	J		79			20		
		VMP-47-5-102318	10/23/2018	0.1			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00016	J		79			21		
		VMP-47-5-012919	1/29/2019	0.15			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	J	U	79			21		
		VMP-47-5-042519	4/25/2019	0.49			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00012	J		78			21		
	10 ft	VMP-47-10-071918	7/19/2018	0.98			<0.024	U		<0.0024	U		<0.0024	U		0.01	J		0.00012	J		79			20		
		VMP-47-10-102318	10/23/2018	0.33			<0.024	U		<0.0024	U		<0.0024	U		0.011	J		<0.00024	U		80			20		
		VMP-47-10-012919	1/29/2019	0.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-47-10-042519	4/25/2019	0.38			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.000085	J		80			20		
	20 ft	VMP-47-20-071918	7/19/2018	1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-47-20-102318	10/23/2018	0.36			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		80			20		
		VMP-47-20-012919	1/29/2019	0.27			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		79			21		
		VMP-47-20-042519	4/25/2019	0.37			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			20		
	30 ft	VMP-47-30-071918	7/19/2018	1.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-47-30-102318	10/23/2018	0.98			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-47-30-050319	5/3/2019	0.54			<0.024	U		<0.0024	U		<0.0024	U		0.018	J		<0.00024	U		79			20		
VMP-48	5 ft	VMP-48-5-072418	7/24/2018	6.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			14		
		VMP-48-5-102418	10/24/2018	2.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			19		
		VMP-48-5-012319	1/23/2019	0.66			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.0001	J		80			19		
		VMP-48-5-042619	4/26/2019	1.6			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00018	J		82			16		
	10 ft	VMP-48-10-072418	7/24/2018	4.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			15		
		VMP-48-10-102418	10/24/2018	5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			17		
		VMP-48-10-012319	1/23/2019	2.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			19		
		VMP-48-10-042619	4/26/2019	1.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		
	20 ft	VMP-48-20-102418	10/24/2018	5.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			16		
		VMP-48-20-012319	1/23/2019	3.4			<0.021	U		<0.0021	U		<0.0021	U		0.032	J		<0.00021	U		79			18		
	30 ft	VMP-48-30-072418	7/24/2018	6.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		77			16		
		VMP-48-30-102418	10/24/2018	6.1			<0.024	U		<0.0024	U		<0.0024	U		0.012	J		<0.00024	U		78			16		
		VMP-48-30-012319	1/23/2019	6.8			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			15		
		VMP-48-30-042619	4/26/2019	6			<0.024	U		<0.0024	U		<0.0024	U		0.14			<0.00024	U		78			16		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 7
HISTORICAL SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-49	5 ft	VMP-49-5-072018	7/20/2018	0.83			<0.025	U		<0.0025	U		<0.0025	U		0.015	J		<0.00025	U		79			20		
		VMP-49-5-102318	10/23/2018	0.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0012			80			20		
		VMP-49-5-020119	2/1/2019	0.14			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-49-5-042919	4/29/2019	0.45			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
	10 ft	VMP-49-10-072018	7/20/2018	1.7			<0.024	U		<0.0024	U		<0.0024	U		0.18			0.00016	J		80			18		
		VMP-49-10-102318	10/23/2018	0.45			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00015	J		80			20		
		VMP-49-10-012119	1/21/2019	0.15			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.00012	J		79			21		
		VMP-49-10-042919	4/29/2019	0.61			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00013	J		79			20		
	20 ft	VMP-49-20-072018	7/20/2018	1.8			<0.026	U		<0.0026	U		<0.0026	U		0.19			0.00013	J		80			18		
		VMP-49-20-102318	10/23/2018	0.34			<0.025	U		<0.0025	U		<0.0025	U		0.023	J		0.00024	J		80			20		
		VMP-49-20-012119	1/21/2019	0.099			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.00018	J		79			21		
		VMP-49-20-042919	4/29/2019	0.56			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00014	J		79			20		
	30 ft	VMP-49-30-072018	7/20/2018	1			<0.025	U		<0.0025	U		<0.0025	U		0.0089	J		<0.00025	U		80			19		
		VMP-49-30-102318	10/23/2018	0.43			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-49-30-012119	1/21/2019	0.6			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			20		
		VMP-49-30-042919	4/29/2019	11			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		82			7.4		
		VMP-49-30-042919-DUP	4/29/2019	11			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		82			7.3		
VMP-50	5 ft	VMP-50-5-072618	7/26/2018	8.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			11		
		VMP-50-5-103018	10/30/2018	0.38			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-50-5-020519	2/5/2019	0.11			<0.025	U		<0.0025	U		<0.0025	U		0.014	J		<0.00025	U		79			21		
		VMP-50-5-042919	4/29/2019	0.39			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
	10 ft	VMP-50-10-072618	7/26/2018	9.1			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		81			10		
		VMP-50-10-103018	10/30/2018	1.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-50-10-012519	1/25/2019	0.18			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-50-10-042919	4/29/2019	0.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
	20 ft	VMP-50-20-072618	7/26/2018	5.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		82			13		
		VMP-50-20-103018	10/30/2018	1.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-50-20-020119	2/1/2019	0.41			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			21		
		VMP-50-20-042919	4/29/2019	0.54			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
	30 ft	VMP-50-30-072618	7/26/2018	2.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00042			80			18		
		VMP-50-30-103018	10/30/2018	2.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00031			79			19		
		VMP-50-30-012519	1/25/2019	1.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00042			78			20		
		VMP-50-30-012519-DUP	1/25/2019	1.5			<0.02	U		<0.002	U		<0.002	U		<0.1	U		0.00036			78			20		
		VMP-50-30-042919	4/29/2019	1.2			<0.025	U		<0.0025	U		<0.0025	U		0.016	J		0.00036			80			19		
VMP-51	5 ft	VMP-51-5-071718	7/17/2018	1.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00011	J		80			19		
		VMP-51-5-101918	10/19/2018	0.44			<0.023	U		<0.0023	U		<0.0023	U		0.026	J		<0.00023	U		80			20		
		VMP-51-5-012319	1/23/2019	0.088			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			21		
		VMP-51-5-050119	5/1/2019	0.76			<0.026	U		<0.0026	U		<0.0026	U		0.0056	J		<0.00026	U		79			20		
	10 ft	VMP-51-10-071718	7/17/2018	2.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-51-10-101918	10/19/2018	1.1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-51-10-012319	1/23/2019	0.28			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-51-10-050119	5/1/2019	0.56			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			19		
	20 ft	VMP-51-20-071718	7/17/2018	2			<0.026	U		<0.0026	U		<0.0026	U		0.1	J		<0.00026	U		79			19		
		VMP-51-20-101918	10/19/2018	2.1			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			19		
		VMP-51-20-012319	1/23/2019	0.48			<0.021	U		<0.0021	U		<0.0021	U		0.42			<0.00021	U		79			20		
		VMP-51-20-050119	5/1/2019	0.44			<0.022	U		<0.0022	U		<0.0022	U		0.018	J		<0.00022	U		80			20		
	30 ft	VMP-51-30-071718	7/17/2018	1.6			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			19		
		VMP-51-30-071718-DUP	7/17/2018	1.7			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
		VMP-51-30-101918	10/19/2018	2.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			19		
		VMP-51-30-101918-DUP	10/19/2018	2.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			18		
		VMP-51-30-012319	1/23/2019	1.1			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			20		
		VMP-51-30-050119	5/1/2019	0.78			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-51-30-050119-DUP	5/1/2019	0.78			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 7
HISTORICAL SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-52	5 ft	VMP-52-5-072018	7/20/2018	4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		81			15		
		VMP-52-5-102318	10/23/2018	2.4			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		78			20		
		VMP-52-5-013119	1/31/2019	0.48			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00009	J		78			21		
		VMP-52-5-050219	5/2/2019	1.7			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.000088	J		87			11		
	10 ft	VMP-52-10-072018	7/20/2018	3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		83			14		
		VMP-52-10-102318	10/23/2018	4.5			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			17		
		VMP-52-10-013119	1/31/2019	1			<0.022	U		<0.0022	U		<0.0022	U		0.96			<0.00022	U		78			20		
	20 ft	VMP-52-20-072018	7/20/2018	2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		81			17		
		VMP-52-20-102318	10/23/2018	3.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		81			16		
		VMP-52-20-013119	1/31/2019	3.9		J	<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		79			17		
		VMP-52-20-013119-DUP	1/31/2019	1.9		J	<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		0.00012	J		79			19		
		VMP-52-20-050219	5/2/2019	2.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
	30 ft	VMP-52-30-072018	7/20/2018	2.2			<0.025	U		<0.0025	U		<0.0025	U		0.019	J		<0.00025	U		81			17		
		VMP-52-30-102318	10/23/2018	3.4			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		81			16		
		VMP-52-30-102318-DUP	10/23/2018	3.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		81			16		
		VMP-52-30-013119	1/31/2019	2.8			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.000078	J		79			18		
		VMP-52-30-050219	5/2/2019	2.7			<0.026	U		<0.0026	U		<0.0026	U		0.0059	J		<0.00026	U		78			19		
VMP-53	5 ft	VMP-53-5-072518	7/25/2018	2.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
		VMP-53-5-102318	10/23/2018	1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-53-5-011819	1/18/2019	0.38			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		78			22		
		VMP-53-5-050319	5/3/2019	0.83			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-53-5-050319-DUP	5/3/2019	0.82			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
	10 ft	VMP-53-10-072518	7/25/2018	1.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-53-10-102318	10/23/2018	1.2			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
		VMP-53-10-011819	1/18/2019	0.35			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			20		
		VMP-53-10-050319	5/3/2019	0.72			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
	20 ft	VMP-53-20-072518	7/25/2018	1.6			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			18		
		VMP-53-20-102318	10/23/2018	1.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
		VMP-53-20-011819	1/18/2019	1			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			21		
		VMP-53-20-050319	5/3/2019	0.86			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
	30 ft	VMP-53-30-072518	7/25/2018	1.6			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			18		
		VMP-53-30-102318	10/23/2018	2.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		
		VMP-53-30-013119	1/31/2019	2.4			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		79			19		
		VMP-53-30-050319	5/3/2019	2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
VMP-54	5 ft	VMP-54-5-072518	7/25/2018	4.1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			16		
		VMP-54-5-102418	10/24/2018	2.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			18		
		VMP-54-5-011819	1/18/2019	1.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			19		
		VMP-54-5-042419	4/24/2019	1.6			<0.023	U		<0.0023	U		<0.0023	U		0.0098	J		<0.00023	U		79			19		
	10 ft	VMP-54-10-072518	7/25/2018	3			<0.026	U		<0.0026	U		<0.0026	U		0.015	J		<0.00026	U		80			17		
		VMP-54-10-102418	10/24/2018	3.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			17		
		VMP-54-10-011819	1/18/2019	2.3			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			19		
		VMP-54-10-042419	4/24/2019	1.7			<0.026	U		<0.0026	U		<0.0026	U		0.0043	J		<0.00026	U		79			19		
	20 ft	VMP-54-20-072518	7/25/2018	2.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		81			17		
		VMP-54-20-102418	10/24/2018	3.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		81			16		
		VMP-54-20-011819	1/18/2019	2.9			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			18		
		VMP-54-20-042419	4/24/2019	1.9			<0.022	U		<0.0022	U		<0.0022	U		0.008	J		<0.00022	U		80			18		
	30 ft	VMP-54-30-072518	7/25/2018	3.7			<0.025	U		<0.0025	U		<0.0025	U		0.28			<0.00025	U		79			17		
		VMP-54-30-102418	10/24/2018	1.9			<0.024	U		<0.0024	U		<0.0024	U		0.055	J		<0.00024	U		79			19		
		VMP-54-30-011819	1/18/2019	0.56			<0.022	U		<0.0022	U		<0.0022	U		0.26			<0.00022	U		79			20		
		VMP-54-30-042419	4/24/2019	1.4			<0.022	U		<0.0022	U		<0.0022	U		2			<0.00022	U		79			18		
VMP-55	5 ft	VMP-55-5-103018	10/30/2018	15			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00023			80			5.1		
	20 ft	VMP-55-20-072518	7/25/2018	16			<0.025	U		0.014			<0.0025	U		<0.12	U		3.8			78			2.3		
		VMP-55-20-103018	10/30/2018	18			<0.026	U		0.0022	J		<0.0026	U		0.0092	J		6			75			1.4		
		VMP-55-20-050119	5/1/2019	16			<0.025	U		0.0019	J		<0.0025	U		<0.12	U		3.4			79			1.9		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 7
HISTORICAL SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-56	10 ft	VMP-56-10-072618	7/26/2018	0.64			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00014	J		79			20		
		VMP-56-10-102918	10/29/2018	0.11			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00013	J		81			19		
		VMP-56-10-012819	1/28/2019	0.15			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-56-10-050119	5/1/2019	0.27			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00011	J		80			20		
	25 ft	VMP-56-25-072618	7/26/2018	1.5			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-56-25-102918	10/29/2018	0.34			<0.017	U		<0.0017	U		<0.0017	U		<0.085	U		<0.00017	U		80			20		
		VMP-56-25-012819	1/28/2019	0.27			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			21		
		VMP-56-25-012819-DUP	1/28/2019	0.28			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-56-25-050119	5/1/2019	0.48			<0.023	U		<0.0023	U		<0.0023	U		0.004	J		<0.00023	U		80			20		
	38.5 ft	VMP-56-38.5-072618	7/26/2018	4.3			<0.026	U		0.029			0.00084	J		0.011	J		0.23			80			9		
		VMP-56-38.5-102918	10/29/2018	3.2			<0.024	U		0.008			0.0003	J		<0.12	U		0.016			74			14		
		VMP-56-38.5-012819	1/28/2019	4.9			<0.023	U		0.0085			<0.0023	U		<0.12	U		0.15			80			9.5		
		VMP-56-38.5-050119	5/1/2019	2.3			<0.024	U		0.0038			0.00028	J		0.0039	J		0.098			75			17		
VMP-62	5 ft	VMP-62-5-072418	7/24/2018	4			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			17		
		VMP-62-5-102418	10/24/2018	1.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-62-5-012819	1/28/2019	0.64			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
		VMP-62-5-042619	4/26/2019	1.3			<0.024	U		<0.0024	U		<0.0024	U		0.028	J		<0.00024	U		80			19		
	10 ft	VMP-62-10-072418	7/24/2018	3.9			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			17		
		VMP-62-10-102418	10/24/2018	2			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			19		
		VMP-62-10-012819	1/28/2019	0.91			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			20		
		VMP-62-10-042619	4/26/2019	1.1			<0.027	U		<0.0027	U		<0.0027	U		0.0057	J		0.00013	J		80			19		
	20 ft	VMP-62-20-072418	7/24/2018	3.2			<0.025	U		<0.0025	U		<0.0025	U		0.015	J		0.00094			79			18		
		VMP-62-20-102418	10/24/2018	1.9			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00016	J		78			20		
		VMP-62-20-012819	1/28/2019	0.86			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00017	J		79			20		
		VMP-62-20-042619	4/26/2019	0.87			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00026			80			19		
	30 ft	VMP-62-30-072418	7/24/2018	1.8			<0.026	U		<0.0026	U		<0.0026	U		0.012	J		0.0001	J		79			19		
		VMP-62-30-102418	10/24/2018	1.1			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			20		
		VMP-62-30-102418-DUP	10/24/2018	1.2			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			20		
		VMP-62-30-020519	2/5/2019	0.59			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			21		
		VMP-62-30-042619	4/26/2019	0.44			<0.024	U		<0.0024	U		<0.0024	U		0.017	J		<0.00024	U		80			20		
		VMP-62-30-042619-DUP	4/26/2019	0.44			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
VMP-63	5 ft	VMP-63-5-071918	7/19/2018	0.26			<0.024	U		<0.0024	U		<0.0024	U		0.012	J		0.00017	J		80			20		
		VMP-63-5-102218	10/22/2018	0.086			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00027			79			21		
		VMP-63-5-012919	1/29/2019	0.069			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	J	U	79			21		
		VMP-63-5-042519	4/25/2019	0.12			<0.025	U		<0.0025	U		<0.0025	U		0.28			0.000085	J		80			20		
	10 ft	VMP-63-10-071918	7/19/2018	0.44			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		80			20		
		VMP-63-10-102218	10/22/2018	0.12			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.000076	J		79			21		
		VMP-63-10-012919	1/29/2019	0.08			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-63-10-042519	4/25/2019	0.95			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
	20 ft	VMP-63-20-071918	7/19/2018	0.66			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-63-20-102218	10/22/2018	0.24			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-63-20-012919	1/29/2019	0.076			<0.021	U		<0.0021	U		<0.0021	U		13			<0.00021	U		68			19		
		VMP-63-20-022719R	2/27/2019	0.087			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-63-20-042519	4/25/2019	1.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-63-20-042519-DUP	4/25/2019	1.5			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			19		
	30 ft	VMP-63-30-071918	7/19/2018	0.81			<0.024	U		<0.0024	U		<0.0024	U		0.46			<0.00024	U		80			19		
		VMP-63-30-071918-DUP	7/19/2018	0.81			<0.023	U		<0.0023	U		<0.0023	U		0.48			<0.00023	U		79			20		
		VMP-63-30-102218	10/22/2018	0.41			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			20		
		VMP-63-30-102218-DUP	10/22/2018	0.41			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			20		
		VMP-63-30-020419	2/4/2019	0.2			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-63-30-050319	5/3/2019	0.18			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 7
HISTORICAL SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-072318	7/23/2018	0.41			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
		VMP-64-5-102518	10/25/2018	0.2			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00014	J		80			20		
		VMP-64-5-012119	1/21/2019	0.086			<0.023	U		<0.0023	U		<0.0023	U		0.021	J		0.000075	J		78			22		
		VMP-64-5-042619	4/26/2019	0.12			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
	10 ft	VMP-64-10-072318	7/23/2018	3.1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			18		
		VMP-64-10-102518	10/25/2018	2.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-64-10-012119	1/21/2019	1.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
		VMP-64-10-042619	4/26/2019	0.95			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			19		
	20 ft	VMP-64-20-072318	7/23/2018	3.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			17		
		VMP-64-20-102518	10/25/2018	3.1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			18		
		VMP-64-20-102518-DUP	10/25/2018	3.1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			18		
		VMP-64-20-012119	1/21/2019	1.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-64-20-042619	4/26/2019	1.4			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			19		

Notes:
Natural gas utility line leak near VMP-50 was discovered by Ameren Illinois on May 1, 2018, and repaired on May 31, 2018.

Lab Qualifiers
J = Estimated value; results between the MDL and RL
U = Compound analyzed for but not detected above the RL

AECOM Qualifiers
J = Estimated detection
U = Non-detect due to blank contamination

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-03R	400.71 - 410.71 31 - 41	7/17/2018	1045	-20.70	38.35	0.0	1	2.0	18.5	2.9	106	46.6	59.4	
SVE-03R		8/22/2018	1221	-39.56	35.79	0.3	6	1.7	18.9	24.2	382	43.8	338	
SVE-03R		9/18/2018	1303	-39.65	35.70	0.3	7	1.7	18.8	24.3	445	49.6	395	
SVE-03R		10/17/2018	1325	-32.96	36.10	0.1	2	1.5	19.4	16.9	177	21.4	156	
SVE-03R		11/21/2018	1218	-32.48	35.97	0.0	0	1.2	19.2	4.8	57.4	27.5	29.9	
SVE-03R		12/17/2018	1125	-25.05	37.54	0.0	1	1.0	20.1	3.2	78.7	37.2	41.5	
SVE-03R		1/17/2019	1224	-25.77	36.74	0.0	1	1.0	19.9	2.9	74.5	32.3	42.2	
SVE-03R		2/13/2019	1500	-28.25	37.28	0.1	2	1.3	19.4	7.3	174	51.4	123	
SVE-03R		3/20/2019	1415	-24.38	37.45	0.0	1	1.2	20.0	4.6	93.1	37.3	55.8	
SVE-03R		4/23/2019	1231	-35.84	35.04	0.0	0	1.3	19.4	2.4	61.5	29.7	31.8	
SVE-03R		5/20/2019	1551	-41.20	32.85	0.0	0	1.0	20.0	0.5	4.2	0.8	3.4	
SVE-03R		6/20/2019	1146	-37.81	32.05	0.0	0	1.2	19.6	2.6	14.1	0.0	14.1	
SVE-04	427.04 - 437.04 5 - 15	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05	424.23 - 434.23 10 - 20	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	424.04 - 434.04 10 - 20	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-07	423.71 - 433.71 10 - 20	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08	424.12 - 434.12 9 - 19	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09	422.41 - 432.41 10 - 20	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10	422.74 - 432.74 10 - 20	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-11	423.56 - 433.56 10 - 20	7/16/2018	1154	-47.90	16.89	1.0	20	4.3	15.2	176	1388	228	1160	
SVE-11		8/22/2018	1504	-46.30	18.46	1.5	30	4.4	15.8	253	1756	243	1513	
SVE-11		9/18/2018	1052	-47.70	18.84	1.1	23	4.4	15.2	148	1778	441	1337	
SVE-11		10/17/2018	1051	-41.90	17.50	1.3	27	5.4	14.1	256	1870	424	1446	
SVE-11		11/20/2018	1051	-42.80	16.90	0.6	12	3.8	16.2	106	1049	348	701	
SVE-11		12/18/2018	1407	-45.88	17.35	0.6	12	3.3	16.6	102	989	323	666	
SVE-11		1/16/2019	1318	-36.77	18.14	1.4	28	3.4	16.3	275	2187	545	1642	
SVE-11		2/13/2019	1313	-32.70	17.57	1.2	24	4.1	14.8	163	2245	894	1351	
SVE-11		3/20/2019	1203	-48.20	16.29	1.1	23	3.3	16.4	201	1817	438	1379	
SVE-11		4/22/2019	1405	-38.41	17.31	1.1	22	3.6	15.4	120	1774	447	1327	
SVE-11		5/20/2019	1316	-46.50	16.62	0.6	12	3.5	16.4	119	856	122	734	
SVE-11		6/19/2019	1543	-36.68	19.29	1.5	31	4.3	14.9	238	2264	442	1822	
SVE-12	423.78 - 433.78 10 - 20	7/16/2018	1445	-46.60	17.55	15.7	OVR	8.5	10.3	602	9640	446	9194	
SVE-12		8/22/2018	1438	-42.83	19.11	38.5	OVR	9.5	9.8	655	10970	445	10525	
SVE-12		9/18/2018	1023	-49.60	18.92	39.8	OVR	9.0	9.5	744	12870	562	12308	
SVE-12		10/17/2018	1030	-43.80	19.13	17.7	OVR	8.8	10.3	797	8750	466	8284	
SVE-12		11/20/2018	1024	-43.90	20.21	18.2	OVR	7.8	10.9	688	7520	459	7061	
SVE-12		12/17/2018	1355	-44.90	19.13	20.2	OVR	9.9	7.4	741	8290	512	7778	
SVE-12		1/16/2019	1258	-41.50	16.63	11.6	OVR	11.0	5.3	827	7320	519	6801	
SVE-12		2/13/2019	1255	-33.31	18.40	5.8	OVR	10.0	6.3	505	4340	542	3798	
SVE-12		3/20/2019	1137	-49.10	18.30	13.3	OVR	7.8	9.6	715	7630	323	7307	
SVE-12		4/22/2019	1319	-39.88	18.30	15.2	OVR	7.5	10.3	719	9270	653	8617	
SVE-12		5/20/2019	1251	-46.70	17.29	7.7	OVR	5.6	12.9	564	8043	236	7807	
SVE-12		6/19/2019	1535	-37.52	19.67	8.6	OVR	5.5	13.2	611	9005	224	8781	
SVE-13	423.77 - 433.77 10 - 20	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		11/19/2018	1408	-47.70	21.94	0.0	1	3.0	17.5	11.4	77.8	11.7	66.1	
SVE-13		12/17/2018	1349	-48.70	21.68	0.0	1	2.2	18.6	12.3	74.5	9.4	65.1	
SVE-13		1/16/2019	1248	-47.70	21.63	0.0	1	1.9	19.0	16.1	79.4	3.6	75.8	
SVE-13		2/13/2019	1246	-30.42	21.82	0.0	1	1.4	19.3	8.2	48.7	4.8	43.9	
SVE-13		3/20/2019	1128	-48.00	21.69	0.0	1	1.8	19.3	10.8	70.9	8.0	62.9	
SVE-13		4/22/2019	1308	-44.28	21.16	0.0	0	1.5	19.1	11.2	61.3	5.8	55.5	
SVE-13		5/20/2019	1243	-54.80	21.40	0.0	0	1.4	19.5	10.4	65.6	1.8	63.8	
SVE-13		6/19/2019	1520	-29.84	22.70	0.0	1	1.8	18.8	16.9	88.9	5.5	83.4	
SVE-14	423.87 - 433.87 10 - 20	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-15	424.15 - 434.15 10 - 20	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16	423.97 - 433.97 10 - 20	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17	424.42 - 434.42 10 - 20	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		2/13/2019	1240	-31.16	21.12	0.1	2	2.7	17.8	13.8	91.9	16.3	75.6	
SVE-17		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		6/19/2019	1501	-29.55	22.59	0.0	0	2.3	18.0	0.7	5.7	1.3	4.4	
SVE-18	426.93 - 436.93 8 - 18	7/16/2018	1132	-51.60	14.25	0.0	0	3.1	16.8	2.1	13.3	10.0	3.3	
SVE-18		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		12/17/2018	1338	-54.00	14.81	0.0	0	3.4	17.1	0.2	1.2	1.2	0.0	
SVE-18		1/16/2019	1235	-52.90	13.99	0.0	0	2.9	17.6	0.3	0.0	0.0	0.0	
SVE-18		2/13/2019	1231	-34.52	14.41	0.0	0	1.7	18.8	0.4	0.0	0.0	0.0	
SVE-18		3/20/2019	1114	-53.20	14.82	0.0	0	2.0	18.6	0.5	8.7	2.5	6.2	
SVE-18		4/24/2019	1020	-56.00	14.35	0.0	0	2.8	17.6	0.2	0.0	0.0	0.0	
SVE-18		5/20/2019	1225	-57.30	15.11	0.0	0	2.6	18.0	0.0	0.5	0.5	0.0	
SVE-18		6/19/2019	1450	-32.52	15.88	0.5	11	2.7	16.8	9.7	4478	4478	0.0	

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-19	423.44 - 433.44 11 - 21	7/16/2018	1123	-52.50	19.07	0.8	17	4.1	15.0	50.6	2931	2217	714	
SVE-19		8/22/2018	1422	-61.40	21.71	0.0	0	4.2	15.7	3.4	16.7	7.1	9.6	
SVE-19		9/18/2018	1012	-62.90	22.11	0.0	0	4.1	15.3	4.6	42.5	35.1	7.4	
SVE-19		10/17/2018	1016	-64.70	22.97	0.0	0	4.0	16.0	4.2	42.9	22.7	20.2	
SVE-19		11/19/2018	1348	-55.40	22.28	0.0	0	3.9	16.0	1.2	17.5	13.7	3.8	
SVE-19		12/17/2018	1324	-54.60	22.87	0.2	5	4.1	15.7	21.5	881	724	157	
SVE-19		1/16/2019	1227	-54.20	21.31	0.0	0	3.9	16.0	4.4	52.2	33.2	19.0	
SVE-19		2/13/2019	1223	-37.75	21.75	0.3	7	3.4	16.3	23.7	1277	1018	259	
SVE-19		3/20/2019	1104	-54.70	21.81	4.3	87	4.0	15.1	85.4	26200	21852	4348	
SVE-19		4/22/2019	1255	-48.50	20.52	1.6	31	4.0	14.8	63.7	9264	8719	545	
SVE-19		5/20/2019	1219	-60.70	20.56	2.4	48	4.2	14.9	64.2	14900	12840	2060	
SVE-19		6/19/2019	1305	-45.70	21.70	2.4	48	4.3	14.6	62.8	15100	14054	1046	
SVE-20	409.67 - 419.67 25 - 35	7/16/2018	1434	-54.20	37.92	27.1	OVR	6.0	12.5	130	76770	60110	16660	
SVE-20		8/22/2018	1407	-58.90	37.80	26.3	OVR	6.4	12.5	129	53130	41220	11910	
SVE-20		9/18/2018	1001	-64.10	NE	36.1	OVR	6.9	11.3	112	77690	60340	17350	
SVE-20		10/17/2018	1009	-63.30	NE	33.8	OVR	7.1	11.9	156	70120	53120	17000	
SVE-20		11/19/2018	1332	-60.20	37.77	38.1	OVR	6.9	11.8	136	87120	68390	18730	
SVE-20		12/17/2018	1518	-59.00	35.45	37.1	OVR	7.0	11.7	135	86860	68750	18110	
SVE-20		1/16/2019	1214	-57.50	37.80	33.3	OVR	6.6	12.4	166	79810	64380	15430	
SVE-20		2/13/2019	1214	-50.20	NE	30.2	OVR	6.1	12.9	139	72220	55870	16350	
SVE-20		3/20/2019	1049	-58.00	36.84	24.5	OVR	6.1	13.0	144	70220	59470	10750	
SVE-20		4/22/2019	1239	-52.31	34.99	22.2	OVR	6.1	12.2	134	70530	60380	10150	
SVE-20		5/20/2019	1414	-65.80	34.85	19.0	OVR	6.4	12.0	136	53270	42470	10800	
SVE-20		6/19/2019	1221	-61.30	35.27	15.4	OVR	6.2	12.1	144	54080	43960	10120	
SVE-21	408.29 - 418.29 25 - 35	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22	404.37 - 414.37 25 - 35	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-23	405.75 - 415.75 15 - 25	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-24	409.22 - 419.22 15 - 25	7/17/2018	810	-53.70	17.19	0.6	12	3.6	16.1	25.2	3555	3162	393	
SVE-24		8/22/2018	1323	-55.60	19.82	0.7	14	3.5	16.6	98.5	3447	2952	495	
SVE-24		9/18/2018	1356	-59.80	18.82	0.7	14	3.8	15.6	69.1	4657	4532	125	
SVE-24		10/18/2018	850	-61.30	20.02	0.5	10	3.1	17.3	74.6	2677	2273	404	
SVE-24		11/21/2018	1504	-49.00	19.41	0.6	13	3.3	17.1	109	3166	2916	250	
SVE-24		12/18/2018	1319	-47.90	18.96	0.7	14	3.2	17.1	84.9	3597	3069	528	
SVE-24		1/17/2019	1115	-46.80	20.19	0.7	14	3.1	17.2	73.1	3831	3272	559	
SVE-24		2/13/2019	1425	-34.90	19.36	0.7	14	2.9	17.2	61.4	4541	3965	576	
SVE-24		3/21/2019	1058	-49.70	20.34	0.7	15	3.1	17.2	95.7	4309	3866	443	
SVE-24		4/23/2019	1313	-43.66	18.28	0.9	19	3.5	16.0	53.9	6906	6521	385	
SVE-24		5/21/2019	840	-48.50	19.38	0.8	17	3.8	15.5	56.5	5813	5514	299	
SVE-24		6/20/2019	1239	-52.56	20.55	0.5	11	3.6	16.1	42.9	3244	2887	357	
SVE-25	422.00 - 432.00 10 - 20	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26	405.60 - 415.60 20 - 30	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-27	405.93 - 415.93 20 - 30	7/17/2018	820	-53.50	26.17	0.3	7	2.4	17.7	14.1	2296	2181	115	
SVE-27		8/22/2018	1304	-57.00	26.51	1.3	26	3.0	17.4	85.4	5181	4027	1154	
SVE-27		9/18/2018	1416	-58.10	27.03	1.1	21	3.3	16.4	48.5	6395	6161	234	
SVE-27		10/18/2018	903	-59.50	26.15	0.8	17	3.3	17.2	47.9	5855	5716	139	
SVE-27		11/21/2018	1516	-44.60	26.23	1.1	23	3.1	17.5	72.8	5970	5545	425	
SVE-27		12/18/2018	1341	-45.50	26.93	1.0	21	2.6	17.8	49.7	6291	5677	614	
SVE-27		1/17/2019	1130	-49.90	26.99	0.9	19	2.5	17.9	40.3	6259	5780	479	
SVE-27		2/13/2019	1438	-38.99	26.31	0.6	12	2.1	18.2	34.5	4562	4168	394	
SVE-27		3/21/2019	1112	-52.40	26.85	0.3	7	2.3	18.3	29.4	2208	2070	138	
SVE-27		4/23/2019	1300	-50.23	25.48	0.5	10	2.2	18.1	21.8	4038	3860	178	
SVE-27		5/21/2019	858	-34.80	26.51	2.5	49	2.4	17.7	106	5579	3241	2338	
SVE-27		6/20/2019	1219	-53.40	29.28	2.7	54	2.7	17.5	119	4762	1928	2834	
SVE-28	392.94 - 402.94 41 - 51	7/17/2018	NM	NM	44.04	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		8/22/2018	NM	NM	43.94	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		9/18/2018	NM	NM	43.98	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		10/18/2018	NM	NM	44.05	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		11/20/2018	NM	NM	43.90	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		12/17/2018	NM	NM	44.03	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		1/16/2019	NM	NM	44.15	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		2/13/2019	NM	NM	44.28	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		3/20/2019	NM	NM	44.39	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		4/23/2019	NM	NM	43.94	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		5/21/2019	NM	NM	43.22	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		6/19/2019	NM	NM	41.96	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29	412.93 - 422.93 21 - 31	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-30	407.67 - 417.67 25 - 35	7/16/2018	1217	-28.40	34.75	16.1	OVR	8.0	9.6	316	18370	8720	9650	
SVE-30		8/22/2018	1538	-31.98	34.05	10.2	OVR	6.8	12.1	310	9660	4370	5290	
SVE-30		9/18/2018	1127	-34.12	33.41	12.2	OVR	6.5	12.3	266	12180	5390	6790	
SVE-30		10/17/2018	1116	-40.20	33.08	10.7	OVR	7.0	12.5	290	12200	7510	4690	
SVE-30		11/20/2018	1216	-36.05	34.51	9.0	OVR	6.8	13.0	234	17100	8575	8525	
SVE-30		12/17/2018	1438	-34.50	34.78	5.2	OVR	6.5	13.5	211	10400	5506	4894	
SVE-30		1/16/2019	1345	-33.17	34.89	5.4	OVR	5.8	14.3	276	10100	5128	4972	
SVE-30		2/13/2019	1336	-27.53	37.05	4.7	95	6.0	13.8	189	9524	4980	4544	
SVE-30		3/20/2019	1236	-33.92	34.29	5.6	OVR	5.5	14.6	232	11900	5652	6248	
SVE-30		4/22/2019	1439	-30.25	34.46	4.9	99	5.3	13.7	244	8580	4770	3810	
SVE-30		5/20/2019	1340	-38.80	33.50	1.8	36	4.7	14.6	155	3907	2035	1872	
SVE-30		6/20/2019	1001	-36.98	33.32	0.7	15	4.5	14.6	77.1	1528	683	845	

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-31	407.81 - 417.81 25 - 35	7/17/2018	1010	-29.00	36.14	2.3	47	3.0	16.7	131	3065	1050	2015	
SVE-31		8/22/2018	1526	-31.91	35.27	10.7	OVR	4.3	15.2	384	11800	3696	8104	
SVE-31		9/18/2018	1115	-34.18	35.01	14.9	OVR	4.3	14.5	332	20500	6792	13708	
SVE-31		10/17/2018	1108	-40.30	34.33	11.6	OVR	4.4	15.1	471	14200	4455	9745	
SVE-31		11/20/2018	1205	-36.25	33.45	4.8	96	3.7	16.1	332	6735	2318	4417	
SVE-31		12/17/2018	1427	-34.58	34.21	2.6	52	2.9	17.4	257	3884	1274	2610	
SVE-31		1/16/2019	1337	-33.89	33.84	3.3	66	3.1	16.8	356	5094	1689	3405	
SVE-31		2/13/2019	1329	-27.72	34.09	4.3	86	3.1	16.4	289	6215	2209	4006	
SVE-31		3/20/2019	1225	-33.83	34.19	3.4	69	3.4	16.7	274	5938	2021	3917	
SVE-31		4/22/2019	1425	-30.30	34.69	4.4	88	3.5	15.5	297	7387	3001	4386	
SVE-31		5/20/2019	1333	-38.10	33.42	27.7	OVR	4.9	14.4	415	41100	11626	29474	
SVE-31		6/20/2019	951	-37.20	33.96	28.7	OVR	4.7	14.1	411	48700	13077	35623	
SVE-32	408.63 - 418.63 25 - 35	7/16/2018	1203	-34.50	33.52	OVR	OVR	5.8	11.8	171	131000	72690	58310	
SVE-32		8/22/2018	1514	-32.34	32.64	OVR	OVR	7.3	10.0	144	143000	78460	64540	
SVE-32		9/18/2018	1104	-35.12	32.10	OVR	OVR	8.1	8.2	163	165000	82010	82990	
SVE-32		10/17/2018	1100	-40.30	33.30	OVR	OVR	7.4	10.5	212	97120	57670	39450	
SVE-32		11/20/2018	1149	-36.16	35.17	OVR	OVR	7.3	10.5	164	104000	61260	42740	
SVE-32		12/17/2018	1415	-34.65	34.57	OVR	OVR	7.2	10.4	161	123000	72170	50830	
SVE-32		1/16/2019	1327	-32.56	33.64	OVR	OVR	7.1	10.2	208	153000	83560	69440	
SVE-32		2/13/2019	1320	-27.53	35.37	OVR	OVR	7.2	10.0	175	121000	67590	53410	
SVE-32		3/20/2019	1212	-33.88	33.88	OVR	OVR	7.1	9.8	168	185000	101000	84000	
SVE-32		4/22/2019	1416	-30.51	35.09	OVR	OVR	6.8	9.4	181	186000	111000	75000	
SVE-32		5/20/2019	1322	-38.00	34.02	OVR	OVR	7.4	9.0	151	198000	124000	74000	
SVE-32		6/20/2019	942	-37.32	33.30	OVR	OVR	7.0	9.7	134	166000	138462	27538	
SVE-33	408.46 - 418.46 25 - 35	7/16/2018	1144	-35.30	36.54	16.2	OVR	5.6	12.7	208	27260	17430	9830	
SVE-33		8/22/2018	1452	-34.18	36.83	3.6	73	5.9	13.3	187	6980	4790	2190	
SVE-33		9/18/2018	1033	-40.90	36.55	0.2	5	5.2	13.8	21.0	422	201	221	
SVE-33		10/17/2018	1038	-42.30	35.41	0.0	1	5.4	14.4	9.2	96.3	34.0	62.3	
SVE-33		11/20/2018	1038	-42.10	35.54	5.5	OVR	6.0	13.5	142	18800	13797	5003	
SVE-33		12/17/2018	1508	-35.37	36.28	17.9	OVR	6.6	12.4	175	30870	25210	5660	
SVE-33		1/16/2019	1308	-35.34	35.04	21.6	OVR	6.3	12.9	228	34220	23510	10710	
SVE-33		2/13/2019	1303	-28.62	35.45	37.8	OVR	6.3	12.6	151	46360	32190	14170	
SVE-33		3/20/2019	1153	-36.30	35.73	27.8	OVR	6.3	12.6	186	44810	31170	13640	
SVE-33		4/22/2019	1329	-32.55	36.22	26.2	OVR	5.8	12.5	198	44570	30690	13880	
SVE-33		5/20/2019	1302	-29.80	35.65	6.1	OVR	4.9	14.2	158	21300	14444	6856	
SVE-33		6/20/2019	929	-37.73	36.91	8.7	OVR	5.1	13.7	189	31800	22949	8851	
SVE-34	398.76 - 418.76 25 - 45	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-35	402.84 - 412.84 31 - 41	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36	423.65 - 433.65 10 - 20	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37	409 - 419 25 - 35	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38	409 - 419 25 - 35	7/16/2018	1423	-25.40	29.37	0.3	7	1.9	18.2	27.1	388	29.6	358	
SVE-38		8/22/2018	1558	-27.09	28.97	0.3	6	2.0	18.7	25.2	304	14.5	290	
SVE-38		9/18/2018	1153	-27.90	28.60	0.3	7	2.0	18.3	26.3	454	35.7	418	
SVE-38		10/18/2018	1203	-28.38	28.43	0.2	5	2.2	18.8	24.6	301	3.1	298	
SVE-38		11/20/2018	1259	-28.80	28.26	0.2	5	2.2	18.9	24.3	304	9.7	294	
SVE-38		12/17/2018	1457	-27.43	28.51	0.2	4	2.0	19.2	19.5	206	3.6	202	
SVE-38		1/16/2019	1402	-27.77	28.50	0.2	4	1.9	19.4	24.2	251	1.8	249	
SVE-38		2/13/2019	1351	-23.69	29.05	0.1	3	1.8	19.4	13.2	165	5.2	160	
SVE-38		3/20/2019	1252	-27.98	28.34	0.3	6	2.2	19.3	29.4	477	75.8	401	
SVE-38		4/22/2019	1459	-26.18	28.35	0.2	5	1.9	19.0	24.5	343	40.8	302	
SVE-38		5/20/2019	1355	-29.00	28.32	0.2	5	2.0	19.2	25.5	409	96.7	312	
SVE-38		6/20/2019	1020	-28.62	28.35	0.1	2	1.7	19.2	16.7	179	39.6	139	

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-39	409.5 - 419.5 25 - 35	7/16/2018	1532	-23.80	31.50	3.7	75	3.3	16.2	148	8152	4889	3263	
SVE-39		8/22/2018	1137	-26.32	31.11	3.4	68	3.2	16.8	173	7460	4337	3123	
SVE-39		9/18/2018	1335	-26.30	31.02	3.3	66	3.2	16.6	131	7208	4321	2887	
SVE-39		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. Well in construction area.
SVE-39		11/21/2018	1120	-26.22	31.14	2.0	44	3.2	17.4	143	5485	3679	1806	
SVE-39		12/18/2018	1405	-25.83	31.10	2.4	48	3.2	17.0	93.1	6731	4628	2103	
SVE-39		1/16/2019	1528	-26.87	31.18	2.2	35	3.0	17.2	149	6346	4221	2125	
SVE-39		2/13/2019	1143	-23.40	31.47	2.0	41	3.0	17.1	79.2	7515	5459	2056	
SVE-39		3/21/2019	1130	-27.16	31.19	2.7	54	3.3	17.0	135	7823	5376	2447	
SVE-39		4/23/2019	1133	-26.53	31.51	2.7	54	3.2	16.7	88.8	9076	6706	2370	
SVE-39		5/20/2019	1438	-28.00	31.21	2.9	58	3.0	17.1	124	8008	5356	2652	
SVE-39		6/20/2019	1118	-27.01	31.31	2.4	48	2.9	17.2	97.5	7103	4622	2481	
SVE-40	409 - 419 25 - 35	7/16/2018	1522	-23.60	33.43	4.1	82	2.0	17.6	183	6077	2461	3616	
SVE-40		8/22/2018	1124	-25.73	33.37	3.4	68	2.0	17.9	226	5452	2195	3257	
SVE-40		9/19/2018	803	-27.18	33.02	3.9	78	2.1	18.0	237	5836	2399	3437	
SVE-40		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. Well in construction area.
SVE-40		11/21/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. Well parked on.
SVE-40		12/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. Well parked on.
SVE-40		1/16/2019	1505	-25.98	33.39	3.0	61	1.6	19.0	208	5272	2043	3229	
SVE-40		2/13/2019	1130	-22.25	33.26	3.0	61	1.5	18.8	228	5201	2183	3018	
SVE-40		3/20/2019	1504	-25.63	NE	3.9	78	1.8	18.7	218	6868	3287	3581	
SVE-40		4/23/2019	1144	-26.15	33.21	3.5	70	1.8	18.3	184	6413	3081	3332	
SVE-40		5/20/2019	1446	-25.60	32.95	3.4	69	1.8	18.3	205	6045	2799	3246	
SVE-40		6/20/2019	1128	-27.31	33.18	2.3	46	1.9	18.2	134	4005	1587	2418	
SVE-41	413 - 423 20 - 30	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42	407.08 - 417.08 25 - 35	7/17/2018	835	-46.40	31.18	0.0	0	3.0	17.2	0.6	7.6	0.7	6.9	
SVE-42		8/22/2018	1152	-39.63	29.65	0.0	0	2.7	17.5	0.9	6.2	0.4	5.8	
SVE-42		9/18/2018	1247	-39.57	30.76	0.0	0	2.8	17.5	0.8	2.6	0.4	2.2	
SVE-42		10/17/2018	1306	-32.97	32.19	0.0	0	2.8	17.9	0.3	0.0	0.0	0.0	
SVE-42		11/20/2018	1344	-33.52	32.31	0.0	0	1.9	19.2	0.0	0.0	0.0	0.0	
SVE-42		12/17/2018	1232	-25.65	33.85	0.0	0	2.8	18.2	0.1	0.0	0.0	0.0	
SVE-42		1/16/2019	1545	-32.41	33.70	0.0	0	2.7	18.4	1.9	3.7	0.5	3.2	
SVE-42		2/13/2019	1510	-25.25	33.48	0.0	0	2.9	17.9	0.4	1.1	0.4	0.7	
SVE-42		3/20/2019	1448	-25.70	33.62	0.0	0	2.8	18.5	0.7	0.9	0.3	0.6	
SVE-42		4/23/2019	1105	-36.65	31.18	0.0	0	2.9	18.0	0.4	0.6	0.2	0.4	
SVE-42		5/20/2019	1536	-41.10	30.35	0.0	0	2.6	18.3	0.7	4.6	2.6	2.0	
SVE-42		6/20/2019	1202	-37.76	30.12	0.0	0	2.5	18.3	0.1	0.0	0.0	0.0	

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-43	407.12 - 417.12 25 - 35	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44	407.46 - 417.46 25 - 35	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45	400.58 - 405.58 37 - 42	7/17/2018	854	-18.50	40.04	1.5	31	1.4	19.4	43.2	3332	1932	1400	
SVE-45		8/22/2018	1239	-34.99	38.45	1.1	23	0.9	19.8	91.7	2623	1137	1486	
SVE-45		9/18/2018	1315	-35.47	38.75	0.8	16	0.9	19.5	53.5	1819	856	963	
SVE-45		10/17/2018	1340	-30.32	39.58	0.3	7	0.7	20.2	32.9	797	377	420	
SVE-45		11/21/2018	1147	-30.25	39.08	0.6	13	0.5	20.3	63.7	1295	571	724	
SVE-45		12/17/2018	1243	-26.50	39.52	0.9	18	0.4	20.5	41.8	2418	1351	1067	
SVE-45		1/17/2019	1242	-26.14	39.18	0.9	19	0.5	20.3	45.3	1954	854	1100	
SVE-45		2/13/2019	1520	-26.76	39.70	2.2	44	0.6	19.9	68.1	5092	2769	2323	
SVE-45		3/20/2019	1428	-24.38	39.51	2.0	40	0.7	20.2	86.4	4654	2463	2191	
SVE-45		4/23/2019	1117	-34.78	38.58	0.8	16	0.7	19.9	45.3	1857	851	1006	
SVE-45		5/21/2019	1350	-7.50	38.84	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	Re-sampled due to ambient concentrations.
SVE-45		5/21/2019	1425	NM	NM	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	Re-sample.
SVE-45		5/29/2019	1246	-23.91	NM	0.1	2	0.6	20.0	19.3	189	4.3	185	
SVE-45		6/21/2019	1251	NM	37.45	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46	417.85 - 427.85 15 - 25	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		11/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		12/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-47	419.01 - 429.01 15 - 25	7/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47		8/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47		9/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47		10/18/2018	830	-34.66	21.71	0.1	2	1.4	20.0	20.8	138	1.2	137	
SVE-47		11/21/2018	1535	-32.30	21.47	0.1	2	0.4	20.4	16.8	138	0.0	138	
SVE-47		12/17/2018	1254	-27.35	22.87	0.1	2	0.3	20.6	11.1	102	4.8	97.2	
SVE-47		1/17/2019	1154	-31.77	21.77	0.1	2	0.3	20.6	9.3	117	3.3	114	
SVE-47		2/13/2019	1449	-27.96	21.65	0.1	2	0.3	20.6	9.5	105	6.0	99.0	
SVE-47		3/20/2019	1351	-25.50	20.33	0.0	1	0.1	20.7	7.4	72.3	6.7	65.6	
SVE-47		4/23/2019	1155	-36.45	19.24	0.0	0	0.2	20.5	2.3	22.3	1.4	20.9	
SVE-47		5/20/2019	1507	-42.10	18.15	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
SVE-47		6/20/2019	1212	-37.83	18.05	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	

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; btoc = Below Top of Casing; bgs = Below Ground Surface.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-1-5	7/17/2018	0800	-1.58	-1.05	0.0	0	0 9	19.4	0 6	0.0	0.0	0.0	
VMP-1-5	8/23/2018	1057	-0.59	-0.46	0.0	0	0.4	20.4	0.1	0.0	0.0	0.0	
VMP-1-5	9/19/2018	0746	-0.99	-5.38	0.0	0	0 2	20.7	0 2	0.0	0.0	0.0	
VMP-1-5	10/18/2018	0905	-1.50	-0.43	0.0	0	0.4	20.5	0 0	0.0	0.0	0.0	
VMP-1-5	11/20/2018	1217	-0.88	-0.45	0.0	0	0 3	20.5	0.1	0.0	0.0	0.0	
VMP-1-5	12/18/2018	1200	-0.62	-0.45	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-1-5	1/17/2019	0926	-1.10	-0.69	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-1-5	2/14/2019	0818	-0.35	-0.40	0.0	0	0.1	20.8	0.1	0.8	0.8	0.0	
VMP-1-5	3/21/2019	0946	-0.57	-0.43	0.0	0	0 0	20.9	0.1	0.4	0.4	0.0	
VMP-1-5	4/23/2019	0839	-1.23	-0.64	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-1-5	5/20/2019	1422	-1.78	-0.66	0.0	0	0 2	20.0	0 9	0.0	0.0	0.0	
VMP-1-5	6/20/2019	1038	-1.12	-0.64	0.0	0	0 5	20.2	0.1	4.6	4.6	0.0	
VMP-1-8.5	7/17/2018	0801	-4.18	-1.00	0.0	0	0 8	20.2	0 5	0.0	0.0	0.0	
VMP-1-8.5	8/23/2018	1058	-0.15	-0.54	0.0	0	0 6	20.3	0.1	1.8	0.9	0.9	
VMP-1-8.5	9/19/2018	0747	-1.16	-1.24	0.0	0	0.4	20.4	0 5	0.0	0.0	0.0	
VMP-1-8.5	10/18/2018	0906	-1.14	-0.65	0.0	0	0 5	20.5	0 0	0.0	0.0	0.0	
VMP-1-8.5	11/20/2018	1218	-7.20	-0.56	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-1-8.5	12/18/2018	1201	-1.75	-0.50	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-1-8.5	1/17/2019	0927	-0.77	-0.62	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-1-8.5-Dup	1/17/2019	0927	NM	NM	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-1-8.5	2/14/2019	0820	-0.28	0.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-1-8.5	3/21/2019	0948	-0.42	-0.45	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-1-8.5-Dup	3/21/2019	0948	NM	NM	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-1-8.5	4/23/2019	0841	-0.91	-1.23	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-1-8.5	5/20/2019	1424	-3.23	-0.79	0.0	0	0.1	20.6	0.7	0.0	0.0	0.0	
VMP-1-8.5	6/20/2019	1039	-2.08	-0.68	0.0	0	0 3	20.5	0.1	0.0	0.0	0.0	
VMP-1-23 5	7/17/2018	0802	-0.82	-1.09	0.0	0	0 6	20.4	1.1	0.0	0.0	0.0	
VMP-1-23.5-Dup	7/17/2018	0802	NM	NM	0.0	0	0 6	20.2	1.1	0.0	0.0	0.0	Duplicate sample.
VMP-1-23 5	8/23/2018	1059	-0.51	-0.79	0.0	0	0.7	20.1	0 2	2.7	1.7	1.0	
VMP-1-23 5	9/19/2018	0748	-0.71	-1.21	0.0	0	0.1	20.7	0 3	1.2	0.3	0.9	
VMP-1-23.5-Dup	9/19/2018	0748	NM	NM	0.0	0	0.1	20.7	0 3	1.5	0.4	1.1	Duplicate sample.
VMP-1-23 5	10/18/2018	0907	-0.36	-0.75	0.0	0	0.4	20.6	0 0	0.0	0.0	0.0	
VMP-1-23 5	11/20/2018	1219	-0.88	-0.82	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-1-23 5	12/18/2018	1202	-0.40	-0.47	0.0	0	0.1	20.7	0.1	0.0	0.0	0.0	
VMP-1-23 5	1/17/2019	0928	-0.52	-0.55	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-1-23 5	2/14/2019	0822	-0.84	-0.61	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-1-23 5	3/21/2019	0950	-0.26	-0.43	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-1-23 5	4/23/2019	0843	-0.61	-0.57	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-1-23 5	5/20/2019	1426	-1.13	-1.00	0.0	0	0 0	20.7	0 2	0.0	0.0	0.0	
VMP-1-23 5	6/20/2019	1040	-1.06	-0.94	0.0	0	0.1	20.7	0.1	0.0	0.0	0.0	
VMP-1-23.5-Dup	6/20/2019	1040	NM	NM	0.0	0	0.1	20.7	0.1	0.0	0.0	0.0	Duplicate sample.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-1-38 5	7/17/2018	0803	-0.92	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38 5	8/23/2018	1100	-0.49	-0.81	0.0	0	0 3	20.5	0 3	1.4	0.8	0.6	
VMP-1-38 5	8/23/2018	1430	-0.57	NM	0.0	0	0 3	20.3	0.1	0.0	0.0	0.0	Re-sample.
VMP-1-38 5	9/19/2018	0749	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38 5	10/18/2018	0908	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38 5	11/20/2018	1220	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38 5	12/18/2018	1203	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38 5	1/17/2019	0929	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38 5	2/14/2019	0824	-0.84	-0.66	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-1-38 5	2/14/2019	1120	-0.61	NM	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	Re-sample.
VMP-1-38 5	3/21/2019	0952	-0.32	-0.42	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-1-38 5	4/23/2019	0845	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38 5	5/20/2019	1428	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38 5	6/20/2019	1041	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-5	7/17/2018	0831	0.00	0.00	0.0	0	6 0	15.3	0 6	0.0	0.0	0.0	
VMP-2-5	8/23/2018	1142	0.00	0.00	0.0	0	5 8	15.4	0.1	0.0	0.0	0.0	
VMP-2-5	9/19/2018	0823	0.00	0.00	0.0	0	5 3	15.9	0 6	0.0	0.0	0.0	
VMP-2-5	10/18/2018	0940	0.00	0.00	0.0	0	3 5	18.0	0 0	0.0	0.0	0.0	
VMP-2-5	11/20/2018	1255	0.00	-0.11	0.0	0	1.7	19.6	0 0	0.0	0.0	0.0	
VMP-2-5	12/17/2018	0925	0.00	0.00	0.0	0	1.1	20.3	0 3	0.0	0.0	0.0	
VMP-2-5	1/17/2019	1017	0.00	0.00	0.0	0	0 8	20.3	0.1	0.0	0.0	0.0	
VMP-2-5	2/14/2019	0852	0.00	0.00	0.0	0	0.7	20.2	0 0	0.0	0.0	0.0	
VMP-2-5	3/21/2019	1028	0.00	0.00	0.0	0	0 8	20.0	0 2	0.0	0.0	0.0	
VMP-2-5	4/23/2019	0914	0.00	0.00	0.0	0	1 2	19.7	0 2	0.0	0.0	0.0	
VMP-2-5	5/20/2019	1500	0.00	0.00	0.0	0	1 5	19.2	0 0	0.0	0.0	0.0	
VMP-2-5	6/20/2019	1009	0.00	0.00	0.0	0	3 3	16.9	0.1	0.0	0.0	0.0	
VMP-2-8.5	7/17/2018	0832	0.00	-0.11	0.0	0	4 0	16.7	0 5	0.0	0.0	0.0	
VMP-2-8.5	8/23/2018	1143	0.00	0.00	0.0	0	4 5	16.4	0.1	0.0	0.0	0.0	
VMP-2-8.5	9/19/2018	0824	-0.14	-0.09	0.0	0	4 5	16.6	0 5	0.0	0.0	0.0	
VMP-2-8.5	10/18/2018	0941	-0.14	0.00	0.0	0	4 0	17.7	0 0	0.0	0.0	0.0	
VMP-2-8.5	11/20/2018	1256	-0.09	-0.09	0.0	0	2.7	18.9	0 0	0.0	0.0	0.0	
VMP-2-8.5	12/17/2018	0926	-0.35	-0.28	0.0	0	2 0	19.7	0.4	0.0	0.0	0.0	
VMP-2-8.5-Dup	12/17/2018	0926	NM	NM	0.0	0	2 0	19.7	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-2-8.5	1/17/2019	1018	-0.14	0.00	0.0	0	1 5	19.9	0.1	0.0	0.0	0.0	
VMP-2-8.5	2/14/2019	0854	0.00	0.00	0.0	0	1 5	19.9	0.1	0.0	0.0	0.0	
VMP-2-8.5	3/21/2019	1030	-0.10	-0.14	0.0	0	1 3	19.9	0 3	0.0	0.0	0.0	
VMP-2-8.5	4/23/2019	0916	-0.16	-0.16	0.0	0	1 3	19.8	0 2	0.0	0.0	0.0	
VMP-2-8.5	5/20/2019	1502	0.00	-0.10	0.0	0	1 6	19.3	0.1	0.0	0.0	0.0	
VMP-2-8.5	6/20/2019	1010	0.00	0.00	0.0	0	2 3	17.8	0 0	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-2-22	7/17/2018	0833	-0.29	-0.37	0.0	0	2 5	17.9	0 5	0.0	0.0	0.0	
VMP-2-22-Dup	7/17/2018	0833	NM	NM	0.0	0	2.7	17.9	0 5	0.0	0.0	0.0	Duplicate sample.
VMP-2-22	8/23/2018	1144	-0.17	-0.14	0.0	0	3.1	17.6	0 2	0.0	0.0	0.0	
VMP-2-22	9/19/2018	0825	-0.44	-0.40	0.0	0	3 5	17.4	0 2	0.0	0.0	0.0	
VMP-2-22-Dup	9/19/2018	0825	NM	NM	0.0	0	3.4	17.5	0 2	0.0	0.0	0.0	Duplicate sample.
VMP-2-22	10/18/2018	0942	-0.42	-0.25	0.0	0	2.7	18.6	0 0	0.0	0.0	0.0	
VMP-2-22-Dup	10/18/2018	0943	NM	NM	0.0	0	2 8	18.5	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-2-22	11/20/2018	1257	-0.22	-0.30	0.0	0	2 5	19.0	0 0	0.0	0.0	0.0	
VMP-2-22	12/17/2018	0927	-0.50	-0.16	0.0	0	1.7	19.9	0 5	0.0	0.0	0.0	
VMP-2-22	1/17/2019	1019	-0.48	-0.17	0.0	0	1 8	19.8	0.1	0.0	0.0	0.0	
VMP-2-22	2/14/2019	0856	-0.13	0.00	0.0	0	1.7	19.6	0.1	0.0	0.0	0.0	
VMP-2-22	3/21/2019	1032	-0.44	-0.45	0.0	0	1.4	19.9	0 2	0.0	0.0	0.0	
VMP-2-22	4/23/2019	0918	-0.56	0.00	0.0	0	1.4	19.8	0 3	0.0	0.0	0.0	
VMP-2-22	5/20/2019	1504	-0.21	-0.39	0.0	0	1 6	19.2	0 0	0.0	0.0	0.0	
VMP-2-22-Dup	5/20/2019	1504	NM	NM	0.0	0	1 6	19.3	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-2-22	6/20/2019	1011	-0.46	-0.48	0.0	0	1 9	18.3	0 0	0.0	0.0	0.0	
VMP-2-42	7/17/2018	0834	-2.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	8/23/2018	1145	0.24	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	9/19/2018	0826	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	10/18/2018	0943	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	11/20/2018	1258	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	12/17/2018	0928	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	1/17/2019	1020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	2/14/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	3/21/2019	1034	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	4/22/2019	0919	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	5/20/2019	1505	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	6/20/2019	1012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-5	7/17/2018	0942	-0.11	-0.11	0.0	0	0 3	20.2	0 6	0.0	0.0	0.0	
VMP-3-5	8/23/2018	1234	-0.15	-0.12	0.0	0	0.1	20.7	0.1	0.0	0.0	0.0	
VMP-3-5	9/19/2018	0906	-0.26	-0.29	0.0	0	0 5	20.1	0 5	0.0	0.0	0.0	
VMP-3-5	10/18/2018	1144	-0.12	-0.15	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-3-5	11/20/2018	1221	-0.11	-0.16	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-3-5	12/17/2018	1010	0.00	-0.09	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-3-5	1/17/2019	1143	-0.15	0.00	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-3-5	2/14/2019	0956	0.00	0.00	0.0	0	0 0	20.5	0 6	0.0	0.0	0.0	
VMP-3-5	3/21/2019	1048	-0.15	-0.12	0.0	0	0 0	20.9	0.4	0.0	0.0	0.0	
VMP-3-5	4/23/2019	1016	0.00	-0.22	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-3-5	5/21/2019	0826	-0.28	-0.20	0.0	0	0.1	20.7	0 0	0.0	0.0	0.0	
VMP-3-5	6/20/2019	0909	-0.13	-0.09	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-3-10	7/17/2018	0941	-0.87	-0.74	0.0	0	0 3	20.6	0 9	0.0	0.0	0.0	
VMP-3-10	8/23/2018	1235	-1.08	-1.07	0.0	0	0.1	20.7	0 0	0.0	0.0	0.0	
VMP-3-10	9/19/2018	0907	-1.26	-1.24	0.0	0	0 2	20.5	0 5	0.0	0.0	0.0	
VMP-3-10	10/18/2018	1145	-1.10	-0.84	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-3-10	11/20/2018	1222	-0.84	-0.82	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-3-10	12/17/2018	1012	-1.31	-0.60	0.0	0	0 2	20.6	0.1	0.0	0.0	0.0	
VMP-3-10-Dup	12/17/2018	1012	NM	NM	0.0	0	0 2	20.7	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-3-10	1/17/2019	1144	-1.40	-1.60	0.0	0	0 2	20.7	0.4	0.0	0.0	0.0	
VMP-3-10	2/14/2019	0958	-1.48	-1.26	0.0	0	0 2	20.4	0.1	0.0	0.0	0.0	
VMP-3-10	3/21/2019	1049	-0.39	-0.77	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-3-10	4/23/2019	1018	-0.55	-0.95	0.0	0	0 3	20.3	0.1	0.0	0.0	0.0	
VMP-3-10-Dup	4/23/2019	1018	NM	NM	0.0	0	0 3	20.3	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-3-10	5/21/2019	0827	-1.98	-1.91	0.0	0	0 5	20.3	0 0	0.0	0.0	0.0	
VMP-3-10	6/20/2019	0910	-1.44	-0.89	0.0	0	0.1	20.7	0 0	0.0	0.0	0.0	
VMP-3-22	7/17/2018	0943	-0.87	-0.74	0.0	0	1.7	19.5	0.7	0.0	0.0	0.0	
VMP-3-22	8/23/2018	1236	-1.61	-1.56	0.0	0	1.4	19.7	0 0	0.0	0.0	0.0	
VMP-3-22	9/19/2018	0908	-1.88	-1.84	0.0	0	1 3	19.6	0 3	0.0	0.0	0.0	
VMP-3-22	10/18/2018	1146	-1.37	-1.35	0.0	0	1.1	20.1	0 0	0.0	0.0	0.0	
VMP-3-22	11/22/2018	1223	-1.59	-1.52	0.0	0	0 6	20.4	0.1	0.0	0.0	0.0	
VMP-3-22	12/17/2018	1014	-1.64	-1.53	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-3-22	1/17/2019	1145	-2.14	-1.93	0.0	0	0 3	20.5	0 2	0.0	0.0	0.0	
VMP-3-22	2/14/2019	1000	-1.77	-1.71	0.0	0	0.4	20.6	0 0	0.0	0.0	0.0	
VMP-3-22	3/21/2019	1050	-1.85	-1.76	0.0	0	0 3	20.5	0 2	0.0	0.0	0.0	
VMP-3-22	4/23/2019	1020	-2.41	-2.36	0.0	0	0 2	20.5	0 2	0.0	0.0	0.0	
VMP-3-22	5/21/2019	0828	-2.48	-2.32	0.0	0	0 6	20.2	0 0	0.0	0.0	0.0	
VMP-3-22	6/20/2019	0911	-2.00	-1.85	0.0	0	1 2	19.7	0 0	0.0	0.0	0.0	
VMP-3-31 5	7/17/2018	0944	-8.35	-8.29	0.0	0	3 3	17.1	1 0	0.0	0.0	0.0	
VMP-3-31 5	8/23/2018	1237	-7.58	-7.48	0.0	0	4 2	16.2	0.1	0.0	0.0	0.0	
VMP-3-31 5	9/19/2018	0909	-9.03	-8.94	0.0	0	6 2	14.2	0 3	0.0	0.0	0.0	
VMP-3-31 5	10/18/2018	1147	-7.64	-7.47	0.0	0	7 5	13.0	0 0	0.0	0.0	0.0	
VMP-3-31 5	11/20/2018	1224	-7.89	-6.65	0.0	0	7.1	13.4	0 2	0.0	0.0	0.0	
VMP-3-31 5	12/17/2018	1016	-7.11	-7.17	0.0	0	5 8	14.7	0.1	0.0	0.0	0.0	
VMP-3-31 5	1/17/2019	1146	-8.66	-7.51	0.0	0	8 3	13.0	0 2	0.0	0.0	0.0	
VMP-3-31 5	2/14/2019	1002	-7.81	-7.55	0.0	0	8 2	13.8	0.1	0.0	0.0	0.0	
VMP-3-31 5	3/21/2019	1051	-7.28	-7.13	0.0	0	7 9	13.8	0 3	0.0	0.0	0.0	
VMP-3-31 5	4/23/2019	1022	-9.27	-9.15	0.0	0	6 8	15.5	0 2	0.0	0.0	0.0	
VMP-3-31 5	5/21/2019	0829	-8.00	-7.99	0.0	0	5 9	16.3	0 0	0.0	0.0	0.0	
VMP-3-31.5-Dup	5/21/2019	0829	NM	NM	0.0	0	6 0	16.2	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-3-31 5	6/20/2019	0912	-8.11	-7.82	0.0	0	5 5	15.8	0 0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-3-39	7/17/2018	0945	-2.73	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	8/23/2018	1238	-2.61	-2.50	0.0	0	3 5	16.8	0.1	1.0	1.0	0.0	
VMP-3-39	9/19/2018	0910	-3.23	-3.22	0.0	0	4 5	16.1	0.4	0.0	0.0	0.0	
VMP-3-39-Dup	9/19/2018	0910	NM	NM	0.0	0	4 6	16.1	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-3-39	10/18/2018	1148	-2.52	-2.36	0.0	0	5 0	16.4	0 0	0.0	0.0	0.0	
VMP-3-39	11/20/2018	1225	-2.83	-2.77	0.0	0	4 2	17.2	0.1	0.4	0.4	0.0	
VMP-3-39	12/17/2018	1018	-3.08	-2.77	0.0	0	4 0	17.6	0 2	0.0	0.0	0.0	
VMP-3-39	1/17/2019	1147	-3.20	-2.89	0.0	0	4 6	17.5	0.1	1.2	1.2	0.0	
VMP-3-39	2/14/2019	1004	-2.38	-2.23	0.0	0	4.7	17.1	0.1	0.0	0.0	0.0	
VMP-3-39	3/21/2019	1052	-3.36	-3.22	0.0	0	4.1	17.8	0.1	0.0	0.0	0.0	
VMP-3-39	4/23/2019	1024	-3.67	-3.64	0.0	0	3 5	18.5	0 2	0.0	0.0	0.0	
VMP-3-39	5/21/2019	0930	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	6/20/2019	0913	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-5	7/17/2018	0922	-0.34	-0.33	0.0	0	0.7	20.2	0 8	0.0	0.0	0.0	
VMP-4-5	8/23/2018	1052	0.00	0.00	0.0	0	0 2	20.8	0 0	0.0	0.0	0.0	
VMP-4-5	9/19/2018	1103	0.00	-0.16	0.0	0	0.4	20.6	0 2	0.0	0.0	0.0	
VMP-4-5	10/16/2018	1424	-0.07	NM	0.0	0	0.1	20.9	0 0	0.0	0.0	0.0	
VMP-4-5	10/18/2018	0829	-0.98	-0.85	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-4-5	11/20/2018	0940	-0.85	-0.44	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-4-5	12/17/2018	0942	-0.76	-4.10	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-4-5	1/17/2019	1015	-1.45	-1.57	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-4-5	2/14/2019	1142	-2.77	-2.75	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-4-5	3/21/2019	0853	-0.29	-1.30	0.0	0	0 0	20.9	0 5	0.0	0.0	0.0	
VMP-4-5	4/23/2019	1208	-1.56	-1.50	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-4-5	5/21/2019	1056	-1.38	-1.39	0.0	0	0 2	20.8	0.1	0.0	0.0	0.0	
VMP-4-5	6/20/2019	1105	-0.89	-0.90	0.0	0	0 2	20.7	0 0	0.0	0.0	0.0	
VMP-4-12	7/17/2018	0923	-0.42	-0.38	0.0	0	2 0	19.1	0 5	0.0	0.0	0.0	
VMP-4-12	8/23/2018	1053	-0.26	-0.22	0.0	0	1.4	19.6	0 0	0.0	0.0	0.0	
VMP-4-12	9/19/2018	1104	-0.28	0.00	0.0	0	1.4	19.5	0 2	0.0	0.0	0.0	
VMP-4-12	10/16/2018	1413	-1.20	NM	0.0	0	1 5	19.9	0 0	0.0	0.0	0.0	
VMP-4-12	10/18/2018	0830	-2.79	-2.64	0.0	0	0 2	20.8	0 0	0.0	0.0	0.0	
VMP-4-12	11/20/2018	0941	-2.48	-2.47	0.0	0	0.1	20.9	0.1	0.0	0.0	0.0	
VMP-4-12	12/17/2018	0943	-2.09	-2.10	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-4-12	1/17/2019	1016	-3.07	-3.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-4-12	2/14/2019	1142	-2.77	-2.75	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-4-12	3/21/2019	0854	-2.18	-2.13	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-4-12-Dup	3/21/2019	0854	NM	NM	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	Duplicate sample.
VMP-4-12	4/23/2019	1210	-2.53	-2.44	0.0	0	0 3	20.5	0 0	0.0	0.0	0.0	
VMP-4-12	5/21/2019	1057	-2.28	-2.28	0.0	0	0 3	20.7	0 0	0.0	0.0	0.0	
VMP-4-12	6/20/2019	1106	-1.68	-2.00	0.0	0	0.4	20.5	0 0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-4-23 5	7/17/2018	0924	-4.86	-4.79	0.0	0	2.4	17.9	0 9	12.4	0.0	12.4	
VMP-4-23 5	8/23/2018	1054	-5.02	-4.80	0.0	0	1 9	18.9	0.1	0.0	0.0	0.0	
VMP-4-23 5	9/19/2018	1105	-5.72	-4.81	0.0	0	2 0	18.8	0 2	0.0	0.0	0.0	
VMP-4-23 5	10/16/2018	1400	-3.96	NM	0.0	0	1 8	19.5	0.1	0.0	0.0	0.0	
VMP-4-23 5	10/18/2018	0831	-4.75	-4.66	0.0	0	2.1	19.0	0 0	0.0	0.0	0.0	
VMP-4-23.5-Dup	10/18/2018	0831	NM	NM	0.0	0	2.1	19.0	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-4-23 5	11/20/2018	0942	-5.71	-5.69	0.0	0	1 9	19.0	0.1	0.0	0.0	0.0	
VMP-4-23 5	12/17/2018	0944	-5.55	-5.26	0.0	0	2.1	19.2	0.4	0.0	0.0	0.0	
VMP-4-23.5-Dup	12/17/2018	0944	NM	NM	0.0	0	2.1	19.2	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-4-23 5	1/17/2019	1017	-5.85	-5.72	0.0	0	1 9	19.4	0.1	0.0	0.0	0.0	
VMP-4-23 5	2/14/2019	1143	-4.41	-4.24	0.0	0	1 9	19.0	0.1	0.0	0.0	0.0	
VMP-4-23 5	3/21/2019	0855	-5.89	-5.80	0.0	0	1.7	19.4	0 3	0.0	0.0	0.0	
VMP-4-23 5	4/23/2019	1212	-6.06	-5.82	0.0	0	2 0	19.2	0.1	0.0	0.0	0.0	
VMP-4-23 5	5/21/2019	1058	-6.43	-6.48	0.0	0	1.7	19.3	0 5	0.0	0.0	0.0	
VMP-4-23 5	6/20/2019	1107	-6.26	-6.33	0.0	0	1 9	18.6	0 0	0.0	0.0	0.0	
VMP-4-39	7/17/2018	0925	-1.92	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	8/23/2018	1055	1.12	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	9/19/2018	1106	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	10/16/2018	1425	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	10/18/2018	0832	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	11/20/2018	0943	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	12/17/2018	0945	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	1/17/2019	1018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	2/14/2019	1144	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	3/21/2019	0856	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	4/23/2019	1214	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	5/21/2019	1059	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	6/20/2019	1108	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-5	7/17/2018	0811	0.00	0.00	0.0	0	0 2	20.6	0 3	0.0	0.0	0.0	
VMP-5-5	8/23/2018	0937	0.00	0.00	0.0	0	0 3	20.5	0.1	0.0	0.0	0.0	
VMP-5-5	9/19/2018	1146	0.00	0.00	0.0	0	0 3	20.4	0 2	0.0	0.0	0.0	
VMP-5-5	10/17/2018	1432	0.00	0.00	0.0	0	0 3	20.7	0 0	0.0	0.0	0.0	
VMP-5-5	11/20/2018	0824	0.00	-0.09	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-5-5	12/17/2018	1155	0.00	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-5-5	1/17/2019	0903	-0.10	0.00	0.0	0	0 0	20.9	0 0	1.3	1.3	0.0	
VMP-5-5	2/14/2019	0959	0.00	0.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-5-5	3/21/2019	0807	0.47	-0.10	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-5-5	4/23/2019	1303	0.00	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-5-5	5/21/2019	1032	0.00	0.00	0.0	0	0 0	20.9	0.4	0.0	0.0	0.0	
VMP-5-5	6/20/2019	1013	0.00	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-5-12 5	7/17/2018	0812	-0.20	-0.20	0.0	0	1 2	19.7	0 2	0.0	0.0	0.0	
VMP-5-12 5	8/23/2018	0938	-0.17	0.00	0.0	0	1 2	19.6	0.1	0.0	0.0	0.0	
VMP-5-12 5	9/19/2018	1147	-0.17	-0.96	0.0	0	1 2	19.6	0 3	0.0	0.0	0.0	
VMP-5-12 5	10/17/2018	1433	-0.17	-0.13	0.0	0	1 5	19.6	0 0	0.0	0.0	0.0	
VMP-5-12 5	11/20/2018	0825	0.10	-0.67	0.0	0	0 2	20.6	0 0	0.0	0.0	0.0	
VMP-5-12.5-Dup	11/20/2018	0825	NM	NM	0.0	0	0 2	20.6	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-5-12 5	12/17/2018	1156	-0.43	-0.47	0.0	0	0.1	20.8	0 2	0.6	0.6	0.6	
VMP-5-12 5	1/17/2019	0904	0.00	-0.64	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-5-12 5	2/14/2019	1000	-0.42	-0.44	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-5-12 5	3/21/2019	0808	-0.74	-0.72	0.0	0	0.1	20.9	0 3	0.0	0.0	0.0	
VMP-5-12 5	4/23/2019	1305	-0.59	-0.67	0.0	0	0 2	20.8	0.1	0.0	0.0	0.0	
VMP-5-12 5	5/21/2019	1033	-0.63	-0.59	0.0	0	0 3	20.5	0 8	0.0	0.0	0.0	
VMP-5-12 5	6/20/2019	1014	-0.55	-0.64	0.0	0	0.4	20.4	0.1	0.0	0.0	0.0	
VMP-5-31	7/17/2018	0813	-1.05	-1.11	0.0	0	1 3	19.1	0.4	0.0	0.0	0.0	
VMP-5-31	8/23/2018	0939	-0.96	-0.91	0.0	0	1.4	19.3	0.1	0.0	0.0	0.0	
VMP-5-31	9/19/2018	1148	-0.85	-0.76	0.0	0	1 5	19.1	0 3	0.0	0.0	0.0	
VMP-5-31	10/17/2018	1434	-0.68	-0.77	0.0	0	1.7	19.4	0 0	0.0	0.0	0.0	
VMP-5-31	11/20/2018	0826	-2.52	-2.47	0.0	0	1 0	20.3	0 2	0.0	0.0	0.0	
VMP-5-31	12/17/2018	1157	-1.97	-1.82	0.0	0	0 5	20.6	0 3	0.0	0.0	0.0	
VMP-5-31	1/17/2019	0905	-2.29	-2.33	0.0	0	0 3	20.6	0.1	0.0	0.0	0.0	
VMP-5-31	2/14/2019	1001	-1.40	-1.45	0.0	0	0.4	20.6	0 0	0.0	0.0	0.0	
VMP-5-31	3/21/2019	0809	-2.45	-2.39	0.0	0	0 3	20.7	0.1	0.0	0.0	0.0	
VMP-5-31-Dup	3/21/2019	0809	NM	NM	0.0	0	0 3	20.7	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-5-31	4/23/2019	1307	-2.09	-2.24	0.0	0	0 3	20.3	0.1	0.0	0.0	0.0	
VMP-5-31	5/21/2019	1034	-2.06	-1.94	0.0	0	0 8	20.0	0.4	0.0	0.0	0.0	
VMP-5-31	6/20/2019	1015	-2.19	-2.28	0.0	0	1.1	19.8	0.1	0.0	0.0	0.0	
VMP-5-40	7/17/2018	0814	-1.05	-1.11	0.0	0	1 5	18.9	0 2	0.0	0.0	0.0	
VMP-5-40-Dup	7/17/2018	0814	NM	NM	0.0	0	1 5	18.9	0 2	0.0	0.0	0.0	Duplicate sample.
VMP-5-40	8/23/2018	0940	-0.97	-0.91	0.0	0	1 6	19.0	0.1	0.0	0.0	0.0	
VMP-5-40	9/19/2018	1149	-0.85	-0.14	0.0	0	2 0	18.6	0 3	0.0	0.0	0.0	
VMP-5-40	10/17/2018	1435	-0.70	-0.76	0.0	0	2.1	19.0	0 0	0.0	0.0	0.0	
VMP-5-40	11/20/2018	0827	-2.53	-2.52	0.0	0	1 9	19.3	0.1	0.0	0.0	0.0	
VMP-5-40	12/17/2018	1158	-1.79	-1.83	0.0	0	1 5	19.8	0.1	0.0	0.0	0.0	
VMP-5-40-Dup	12/17/2018	1158	NM	NM	0.0	0	1 5	19.7	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-5-40	1/17/2019	0906	-1.60	-2.44	0.0	0	1.1	20.0	0 2	0.0	0.0	0.0	
VMP-5-40	2/14/2019	1002	-1.42	-1.46	0.0	0	1 0	20.0	0.1	0.0	0.0	0.0	
VMP-5-40	3/21/2019	0810	-2.46	-2.40	0.0	0	1 2	20.0	0 0	0.0	0.0	0.0	
VMP-5-40	4/23/2019	1309	-1.01	-2.25	0.0	0	1.1	19.8	0.1	0.0	0.0	0.0	
VMP-5-40	5/21/2019	1035	-2.07	-1.52	0.0	0	1 3	19.4	0 6	0.0	0.0	0.0	
VMP-5-40	6/20/2019	1016	0.40	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-6-5	7/16/2018	1400	0.00	0.00	0.0	0	0.7	20.1	0 6	0.0	0.0	0.0	
VMP-6-5	8/23/2018	0846	-0.13	0.00	0.0	0	0.7	20.2	0.1	0.0	0.0	0.0	
VMP-6-5	9/19/2018	1305	0.00	0.00	0.0	0	1.1	19.3	0 2	0.0	0.0	0.0	
VMP-6-5	10/17/2018	1350	0.00	0.00	0.0	0	0 8	20.1	0 0	0.0	0.0	0.0	
VMP-6-5	11/19/2018	1410	0.68	0.00	0.0	0	0 2	20.6	0 0	0.0	0.0	0.0	
VMP-6-5	12/17/2018	1245	0.36	0.47	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-6-5	1/17/2019	0751	0.41	0.30	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-6-5	2/14/2019	0830	0.20	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-6-5	3/20/2019	1313	0.00	0.00	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-6-5	4/23/2019	1403	0.00	0.00	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-6-5	5/21/2019	0950	0.00	0.00	0.0	0	0.4	18.8	0 3	0.0	0.0	0.0	
VMP-6-5	6/20/2019	0844	-0.13	-0.13	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-6-10	7/16/2018	1401	0.00	0.00	0.0	0	2 6	18.1	0.1	0.0	0.0	0.0	
VMP-6-10	8/23/2018	0847	-0.17	0.00	0.0	0	2 8	17.9	0 2	0.0	0.0	0.0	
VMP-6-10	9/19/2018	1306	0.00	0.00	0.0	0	2 9	17.7	0 2	0.0	0.0	0.0	
VMP-6-10	10/17/2018	1351	0.00	0.00	0.0	0	2.4	19.0	0 0	0.0	0.0	0.0	
VMP-6-10	11/19/2018	1411	0.00	0.00	0.0	0	1.1	19.9	0.4	0.0	0.0	0.0	
VMP-6-10	12/17/2018	1246	-0.27	0.00	0.0	0	0 6	20.6	0 2	0.0	0.0	0.0	
VMP-6-10	1/17/2019	0752	0.09	0.00	0.0	0	0.4	20.7	0 2	0.0	0.0	0.0	
VMP-6-10	2/14/2019	0831	-0.36	-0.25	0.0	0	0 2	20.7	0 0	0.0	0.0	0.0	
VMP-6-10-Dup	2/14/2019	0831	NM	NM	0.0	0	0 2	20.8	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-6-10	3/20/2019	1314	-0.12	0.00	0.0	0	0.1	20.7	0 2	0.0	0.0	0.0	
VMP-6-10	4/23/2019	1405	0.00	0.00	0.0	0	0.4	20.3	0.1	0.0	0.0	0.0	
VMP-6-10	5/21/2019	0952	0.00	0.00	0.0	0	0.7	20.1	0 2	0.0	0.0	0.0	
VMP-6-10	6/20/2019	0845	-0.49	-0.51	0.0	0	0 8	20.1	0 0	0.0	0.0	0.0	
VMP-6-31 5	7/16/2018	1402	-0.15	0.00	0.0	0	2 3	18.0	0 3	0.0	0.0	0.0	
VMP-6-31 5	8/23/2018	0848	0.22	0.22	0.0	0	3 0	17.3	0.1	0.0	0.0	0.0	
VMP-6-31 5	9/19/2018	1307	-0.43	0.00	0.0	0	3 3	16.7	0 3	0.0	0.0	0.0	
VMP-6-31 5	10/17/2018	1352	0.00	0.00	0.0	0	2 8	18.2	0 0	0.0	0.0	0.0	
VMP-6-31 5	11/19/2018	1412	0.00	0.00	0.0	0	3 3	17.3	0.1	0.0	0.0	0.0	
VMP-6-31 5	12/17/2018	1247	-0.91	0.00	0.0	0	2 5	18.6	0 2	0.0	0.0	0.0	
VMP-6-31 5	1/17/2019	0753	0.35	-0.41	0.0	0	2 3	18.6	0 2	0.0	0.0	0.0	
VMP-6-31 5	2/14/2019	0833	-0.57	-0.60	0.0	0	2 6	18.7	0.1	0.0	0.0	0.0	
VMP-6-31 5	3/20/2019	1315	0.00	0.00	0.0	0	1 5	20.0	0 2	0.0	0.0	0.0	
VMP-6-31 5	4/23/2019	1407	-0.21	-0.27	0.0	0	1 8	19.2	0 3	0.0	0.0	0.0	
VMP-6-31 5	5/21/2019	0952	-0.17	0.00	0.0	0	2.1	19.0	0 0	0.0	0.0	0.0	
VMP-6-31 5	6/20/2019	0846	-1.12	-1.04	0.0	0	2.4	18.6	0 0	0.0	0.0	0.0	
VMP-6-31.5-Dup	6/20/2019	0846	NM	NM	0.0	0	2 3	18.7	0 0	0.0	0.0	0.0	Duplicate sample.

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-6-39	7/16/2018	1403	-0.15	0.00	0.0	0	2.7	17.2	0 0	0.0	0.0	0.0	
VMP-6-39	8/23/2018	0849	-0.14	0.00	0.0	0	3 2	16.9	0.1	0.0	0.0	0.0	
VMP-6-39-Dup	8/23/2018	0849	NM	NM	0.0	0	3 3	16.8	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-6-39	9/19/2018	1308	0.00	-0.14	0.0	0	3.7	16.3	0 2	0.0	0.0	0.0	
VMP-6-39	10/17/2018	1353	-0.11	0.00	0.0	0	4 2	16.3	0 0	0.0	0.0	0.0	
VMP-6-39	11/19/2018	1413	0.00	0.00	0.0	0	3 9	16.4	0.1	0.0	0.0	0.0	
VMP-6-39	12/17/2018	1248	0.00	0.00	0.0	0	3 6	17.4	0 0	0.0	0.0	0.0	
VMP-6-39	1/17/2019	0754	-0.23	-0.31	0.0	0	3 3	17.6	0.1	0.0	0.0	0.0	
VMP-6-39-Dup	1/17/2019	0754	NM	NM	0.0	0	3 3	17.6	0 3	0.0	0.0	0.0	Duplicate sample.
VMP-6-39	2/14/2019	0834	-0.86	-0.62	0.0	0	3 8	17.5	0 0	0.0	0.0	0.0	
VMP-6-39	3/20/2019	1316	-0.26	0.00	0.0	0	2 8	19.1	0 2	0.0	0.0	0.0	
VMP-6-39	4/23/2019	1409	-0.24	-0.26	0.0	0	2.7	18.5	0.1	0.0	0.0	0.0	
VMP-6-39	5/21/2019	0953	-0.22	0.00	0.0	0	2 9	18.3	0 0	0.0	0.0	0.0	
VMP-6-39	6/20/2019	0847	0.19	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-5	7/16/2018	1329	-0.86	-0.14	0.0	0	0.4	20.6	0 6	1.3	1.3	0.0	
VMP-7-5	8/22/2018	1414	0.00	0.00	0.0	0	1 2	19.7	0 0	0.0	0.0	0.0	
VMP-7-5	9/18/2018	1442	-0.81	0.00	0.0	0	1 2	19.5	0.4	0.0	0.0	0.0	
VMP-7-5	10/17/2018	1214	0.00	-0.19	0.0	0	1 0	19.8	0.1	0.0	0.0	0.0	
VMP-7-5	11/19/2018	1335	0.00	0.00	0.0	0	0 5	20.5	0.1	0.0	0.0	0.0	
VMP-7-5	12/17/2018	1403	-0.23	0.26	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-7-5	1/16/2019	1425	-0.16	0.35	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-7-5	2/13/2019	1351	-0.74	-0.53	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-7-5	3/20/2019	1257	-0.14	-0.11	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-7-5-Dup	3/20/2019	1257	NM	NM	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	Duplicate sample.
VMP-7-5	4/23/2019	1433	0.00	0.00	0.0	0	0.1	20.6	0 2	0.0	0.0	0.0	
VMP-7-5	5/21/2019	0905	0.00	0.00	0.0	0	0 2	20.6	0.4	0.0	0.0	0.0	
VMP-7-5	6/19/2019	1537	-1.28	-0.71	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-7-13 5	7/16/2018	1330	-1.32	-0.32	0.0	0	0.7	20.4	0.1	0.0	0.0	0.0	
VMP-7-13 5	8/22/2018	1415	-0.35	0.00	0.0	0	1.4	19.4	0 0	0.0	0.0	0.0	
VMP-7-13 5	9/18/2018	1445	-0.28	0.00	0.0	0	1 6	19.0	0.1	0.0	0.0	0.0	
VMP-7-13 5	10/17/2018	1215	0.00	-0.58	0.0	0	1 2	19.6	0.1	0.0	0.0	0.0	
VMP-7-13 5	11/19/2018	1336	0.00	0.00	0.0	0	0.7	20.2	0 3	13.7	13.7	0.0	
VMP-7-13 5	12/17/2018	1404	-0.70	0.00	0.0	0	0 2	20.7	0 0	0.0	0.0	0.0	
VMP-7-13 5	1/16/2019	1426	-0.20	-0.45	0.0	0	0.1	20.8	0 5	0.0	0.0	0.0	
VMP-7-13 5	2/13/2019	1352	-1.20	-1.05	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-7-13 5	3/20/2019	1258	0.00	-0.15	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-7-13 5	4/23/2019	1435	0.00	-0.20	0.0	0	0 2	20.5	0 6	0.0	0.0	0.0	
VMP-7-13 5	5/21/2019	0906	0.00	0.00	0.0	0	0.4	20.5	0 8	0.0	0.0	0.0	
VMP-7-13 5	6/19/2019	1538	-1.35	-1.40	0.0	0	0 2	20.7	0.1	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-7-29 5	7/16/2018	1331	-0.60	-0.23	0.0	0	1 6	19.2	0 2	0.0	0.0	0.0	
VMP-7-29 5	8/22/2018	1416	-0.36	0.00	0.0	0	2 0	18.8	0.1	0.0	0.0	0.0	
VMP-7-29 5	9/18/2018	1448	-0.40	0.00	0.0	0	2 2	18.1	0 8	0.0	0.0	0.0	
VMP-7-29 5	10/17/2018	1216	-0.37	0.00	0.0	0	2 5	17.9	0 2	0.0	0.0	0.0	
VMP-7-29 5	11/19/2018	1337	0.00	0.00	0.0	0	2 5	18.3	0 6	0.0	0.0	0.0	
VMP-7-29 5	12/17/2018	1405	0.00	-0.43	0.0	0	2 0	19.1	0 2	0.0	0.0	0.0	
VMP-7-29 5	1/16/2019	1427	-0.55	-0.21	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	Re-sampled. Ambient air inadvertently introduced to sample.
VMP-7-29 5	1/17/2019	1337	-0.49	NM	0.0	0	1 5	19.7	0.1	0.0	0.0	0.0	Re-sample.
VMP-7-29 5	2/13/2019	1353	-8.60	-1.10	0.0	0	1 9	19.5	0.1	0.0	0.0	0.0	
VMP-7-29 5	3/20/2019	1259	-4.02	0.00	0.0	0	1 2	20.2	0 2	0.0	0.0	0.0	
VMP-7-29 5	4/23/2019	1437	0.69	0.79	0.0	0	1 0	19.8	0 2	0.0	0.0	0.0	
VMP-7-29 5	5/21/2019	0907	0.00	0.00	0.0	0	1 2	19.7	0 6	0.0	0.0	0.0	
VMP-7-29 5	6/19/2019	1539	-1.92	-2.07	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	Re-sampled. Ambient air inadvertently introduced to sample.
VMP-7-29 5	6/20/2019	1122	-1.00	NM	0.0	0	2 3	18.5	0 0	0.0	0.0	0.0	Re-sample.
VMP-7-38	7/16/2018	1332	-0.86	-0.20	0.0	0	1 8	18.8	0.4	0.0	0.0	0.0	
VMP-7-38	8/22/2018	1417	0.00	0.00	0.0	0	2 2	18.5	0 2	0.0	0.0	0.0	
VMP-7-38	9/18/2018	1451	-0.90	0.00	0.0	0	2.4	17.8	0 8	3.8	0.0	3.8	
VMP-7-38	10/17/2018	1217	-0.17	0.00	0.0	0	2 8	17.5	0.1	0.0	0.0	0.0	
VMP-7-38	11/19/2018	1338	0.00	0.00	0.0	0	2 8	17.8	0 2	0.0	0.0	0.0	
VMP-7-38	12/17/2018	1406	-0.10	-0.23	0.0	0	2 6	18.5	0.1	0.0	0.0	0.0	
VMP-7-38	1/16/2019	1428	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	2/13/2019	1354	-1.38	-1.24	0.0	0	3.4	18.0	0 0	0.0	0.0	0.0	
VMP-7-38	3/20/2019	1300	-0.31	-0.19	0.0	0	2.4	19.6	0 3	0.0	0.0	0.0	
VMP-7-38	4/23/2019	1439	-0.24	-0.17	0.0	0	1 6	19.5	0 3	0.0	0.0	0.0	
VMP-7-38	5/21/2019	0908	-0.23	0.00	0.0	0	1 5	19.6	0.7	0.0	0.0	0.0	
VMP-7-38-Dup	5/21/2019	0908	NM	NM	0.0	0	1 5	19.6	0.7	0.0	0.0	NM	Duplicate sample.
VMP-7-38	6/19/2019	1540	-1.57	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-5	7/16/2018	1149	-0.15	-0.11	0.0	0	0 2	20.5	0 3	0.0	0.0	0.0	
VMP-9-5	8/22/2018	1304	0.00	-0.11	0.0	0	0 5	20.5	0 0	0.0	0.0	0.0	
VMP-9-5	9/18/2018	1310	-0.21	0.00	0.0	0	0 5	20.3	0 0	0.0	0.0	0.0	
VMP-9-5	10/17/2018	1121	0.00	0.00	0.0	0	0 3	20.5	0 0	0.0	0.0	0.0	
VMP-9-5	11/19/2018	1236	0.00	0.00	0.0	0	0.1	20.8	0 5	0.0	0.0	0.0	
VMP-9-5	12/17/2018	1422	0.00	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-9-5	1/16/2019	1230	0.00	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-9-5	2/13/2019	1254	-0.16	0.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-9-5	3/20/2019	1156	0.00	0.00	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-9-5	4/24/2019	0813	-0.28	-0.20	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-9-5	5/21/2019	0812	0.00	0.00	0.0	0	0 2	20.6	0 3	0.0	0.0	0.0	
VMP-9-5	6/19/2019	1400	0.00	-0.31	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-9-11 5	7/16/2018	1150	-0.34	-0.27	0.0	0	0.7	20.0	0 3	0.0	0.0	0.0	
VMP-9-11 5	8/22/2018	1305	0.00	-0.16	0.0	0	1 3	19.7	0.1	0.0	0.0	0.0	
VMP-9-11 5	9/18/2018	1315	-0.15	-0.14	0.0	0	1 3	19.6	0 0	0.0	0.0	0.0	
VMP-9-11 5	10/17/2018	1122	-0.18	-0.10	0.0	0	0 9	20.0	0 0	0.0	0.0	0.0	
VMP-9-11 5	11/19/2018	1237	0.00	0.00	0.0	0	0.4	20.6	0 2	0.0	0.0	0.0	
VMP-9-11 5	12/17/2018	1423	0.00	-0.23	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-9-11 5	1/16/2019	1231	0.00	-0.18	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-9-11 5	2/13/2019	1255	-0.34	-0.43	0.0	0	0.1	20.9	0 0	0.0	0.0	0.0	
VMP-9-11 5	3/20/2019	1157	-0.29	-0.32	0.0	0	0 0	20.8	0 2	0.0	0.0	0.0	
VMP-9-11 5	4/24/2019	0814	-0.32	-0.28	0.0	0	0.4	20.5	0 2	0.0	0.0	0.0	
VMP-9-11 5	5/21/2019	0813	-0.16	0.00	0.0	0	0 6	20.3	0.4	0.0	0.0	0.0	
VMP-9-11.5-Dup	5/21/2019	0813	NM	NM	0.0	0	0 2	20.6	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-9-11 5	6/19/2019	1401	-0.14	-0.23	0.0	0	0 8	20.2	0.1	0.0	0.0	0.0	
VMP-9-25 5	7/16/2018	1151	-0.69	-0.56	0.0	0	1 3	19.2	0 2	0.0	0.0	0.0	
VMP-9-25 5	8/22/2018	1306	-0.20	-0.29	0.0	0	1.7	19.0	0.1	0.0	0.0	0.0	
VMP-9-25 5	9/18/2018	1320	-0.27	-0.24	0.0	0	2 0	18.5	0.1	0.0	0.0	0.0	
VMP-9-25 5	10/17/2018	1123	-0.39	-0.25	0.0	0	2.1	18.8	0.1	0.0	0.0	0.0	
VMP-9-25 5	11/19/2018	1238	-0.41	-0.17	0.0	0	1 6	19.5	0 2	0.0	0.0	0.0	
VMP-9-25.5-Dup	11/19/2018	1238	NM	NM	0.0	0	1 6	19.5	0 2	0.0	0.0	0.0	Duplicate sample.
VMP-9-25 5	12/17/2018	1424	-0.89	-0.44	0.0	0	1 0	20.0	0.1	0.0	0.0	0.0	
VMP-9-25 5	1/16/2019	1232	-0.18	-0.39	0.0	0	0 8	20.2	0.1	0.0	0.0	0.0	
VMP-9-25 5	2/13/2019	1256	-0.73	-0.75	0.0	0	0.4	20.8	0 0	0.0	0.0	0.0	
VMP-9-25 5	3/20/2019	1158	-0.66	-0.69	0.0	0	0 3	20.6	0 2	0.0	0.0	0.0	
VMP-9-25 5	4/24/2019	0815	-1.48	-0.54	0.0	0	0 6	20.2	0 2	0.0	0.0	0.0	
VMP-9-25 5	5/21/2019	0814	-0.31	-0.38	0.0	0	0.7	19.7	0 3	0.0	0.0	0.0	
VMP-9-25 5	6/19/2019	1402	-0.21	-0.44	0.0	0	1 2	19.8	0.1	0.0	0.0	0.0	
VMP-9-25.5-Dup	6/19/2019	1402	NM	NM	0.0	0	1 2	19.8	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-9-38 5	7/16/2018	1152	-1.10	-0.49	0.0	0	1.7	18.4	0 6	0.0	0.0	0.0	
VMP-9-38 5	8/22/2018	1307	-0.17	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38 5	9/18/2018	1325	-0.71	-0.24	0.0	0	2.1	18.0	0.7	0.0	0.0	0.0	
VMP-9-38 5	10/17/2018	1124	-0.36	-0.26	0.0	0	2 5	17.9	0 2	0.0	0.0	0.0	
VMP-9-38 5	11/19/2018	1239	-0.12	-0.13	0.0	0	2.4	18.4	0 6	0.0	0.0	0.0	
VMP-9-38 5	12/17/2018	1425	-0.48	-0.40	0.0	0	2 5	18.5	0.1	0.0	0.0	0.0	
VMP-9-38 5	1/16/2019	1233	-0.33	-0.34	0.0	0	2.4	19.0	0.1	0.0	0.0	0.0	
VMP-9-38 5	2/13/2019	1257	-1.25	-0.67	0.0	0	2 3	19.0	0 0	0.0	0.0	0.0	
VMP-9-38 5	3/20/2019	1159	0.43	-0.60	0.0	0	2.4	19.2	0 2	0.0	0.0	0.0	
VMP-9-38 5	4/24/2019	0816	-0.57	-0.48	0.0	0	2 2	19.5	0.1	0.0	0.0	0.0	
VMP-9-38 5	5/21/2019	0815	-0.25	-0.35	0.0	0	2.1	18.8	0 2	0.0	0.0	0.0	
VMP-9-38 5	6/19/2019	1403	0.27	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-10-5	7/16/2018	0820	0.00	0.00	0.0	0	0 6	19.9	0.7	0.0	0.0	0.0	
VMP-10-5	8/22/2018	0843	0.00	0.00	0.0	0	0 8	20.2	0 3	0.0	0.0	0.0	
VMP-10-5	9/18/2018	0850	0.00	0.00	0.0	0	0 9	20.1	0.1	0.0	0.0	0.0	
VMP-10-5	10/17/2018	0847	0.00	0.00	0.0	0	0 3	20.7	0.1	0.0	0.0	0.0	
VMP-10-5	11/19/2018	0948	-0.11	0.00	0.0	0	0.1	20.7	0 2	0.0	0.0	0.0	
VMP-10-5	12/18/2018	0954	-0.13	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-10-5	1/16/2019	0816	-0.11	0.00	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-10-5	2/13/2019	0913	0.00	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-10-5	3/20/2019	1013	0.00	0.00	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-10-5	4/22/2019	1005	0.00	0.00	0.0	0	0 2	20.7	0.4	0.0	0.0	0.0	
VMP-10-5	5/20/2019	0953	0.00	0.00	0.0	0	1 2	20.1	0 3	0.0	0.0	0.0	
VMP-10-5	6/19/2019	1305	0.00	0.00	0.0	0	1 0	20.0	0 0	0.0	0.0	0.0	
VMP-10-10	7/16/2018	0821	0.00	0.00	0.0	0	0 9	19.8	0 2	0.0	0.0	0.0	
VMP-10-10	8/22/2018	0844	0.00	0.00	0.0	0	0 8	20.1	0 0	0.0	0.0	0.0	
VMP-10-10	9/18/2018	0855	0.00	0.00	0.0	0	1.1	19.9	0.4	0.0	0.0	0.0	
VMP-10-10	10/17/2018	0848	0.00	0.00	0.0	0	0 5	20.5	0 0	0.0	0.0	0.0	
VMP-10-10	11/19/2018	0949	0.00	0.00	0.0	0	0 3	20.6	0 2	0.0	0.0	0.0	
VMP-10-10	12/18/2018	0955	0.00	0.00	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-10-10	1/16/2019	0817	-0.14	0.00	0.0	0	0.1	20.9	0.1	0.0	0.0	0.0	
VMP-10-10	2/13/2019	0914	-0.10	0.00	0.0	0	0.1	20.9	0 2	0.0	0.0	0.0	
VMP-10-10	3/20/2019	1014	0.00	0.00	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-10-10	4/22/2019	1006	0.00	0.00	0.0	0	0.1	20.8	0 3	0.0	0.0	0.0	
VMP-10-10	5/20/2019	0955	0.00	0.00	0.0	0	0 8	20.1	0 2	0.0	0.0	0.0	
VMP-10-10	6/19/2019	1305	0.00	0.00	0.0	0	0 9	19.7	0.1	0.0	0.0	0.0	
VMP-10-20	7/16/2018	0822	0.00	-0.15	0.0	0	1 2	19.9	0.1	0.0	0.0	0.0	
VMP-10-20	8/22/2018	0845	0.00	0.00	0.0	0	1.1	19.8	0 3	0.0	0.0	0.0	
VMP-10-20	9/18/2018	0900	0.00	0.00	0.0	0	1 3	19.5	0 2	0.0	0.0	0.0	
VMP-10-20	10/17/2018	0849	-0.10	0.00	0.0	0	1.1	20.1	0 0	0.0	0.0	0.0	
VMP-10-20	11/19/2018	0950	0.00	0.00	0.0	0	0.7	20.3	0 0	0.0	0.0	0.0	
VMP-10-20	12/18/2018	0956	-0.09	0.00	0.0	0	0 5	20.5	0.1	0.0	0.0	0.0	
VMP-10-20	1/16/2019	0817	-0.19	0.19	0.0	0	0 3	20.7	0 0	0.0	0.0	0.0	
VMP-10-20	2/13/2019	0915	-0.14	0.00	0.0	0	0 3	20.7	0 0	0.0	0.0	0.0	
VMP-10-20	3/20/2019	1015	0.00	0.00	0.0	0	0 2	20.7	0.4	0.0	0.0	0.0	
VMP-10-20	4/22/2019	1007	0.00	0.00	0.0	0	0.1	20.7	0 0	0.0	0.0	0.0	
VMP-10-20	5/20/2019	0955	0.00	0.00	0.0	0	0.4	20.2	0 3	0.0	0.0	0.0	
VMP-10-20	6/19/2019	1307	0.00	0.00	0.0	0	1 0	20.0	0.1	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-10-30	7/16/2018	0823	0.00	-0.18	0.0	0	1 0	19.5	0 2	0.0	0.0	0.0	
VMP-10-30	8/22/2018	0846	0.00	0.00	0.0	0	1 3	19.7	0 3	0.0	0.0	0.0	
VMP-10-30	9/18/2018	0905	0.00	0.00	0.0	0	1.4	19.2	0.1	0.0	0.0	0.0	
VMP-10-30	10/17/2018	0850	-0.10	0.00	0.0	0	1 6	19.4	0 0	0.0	0.0	0.0	
VMP-10-30	11/19/2018	0951	0.00	0.00	0.0	0	1.4	19.8	0 0	0.0	0.0	0.0	
VMP-10-30	12/18/2018	0957	-0.31	0.00	0.0	0	1.1	20.0	0.4	0.0	0.0	0.0	
VMP-10-30	1/16/2019	0819	-0.22	1.26	0.0	0	1 0	20.2	0.1	0.0	0.0	0.0	
VMP-10-30	2/13/2019	0916	-0.15	0.00	0.0	0	0 8	20.3	0 3	0.0	0.0	0.0	
VMP-10-30	3/20/2019	1016	0.25	0.00	0.0	0	0.7	20.2	0 3	0.0	0.0	0.0	
VMP-10-30	4/22/2019	1008	0.00	0.00	0.0	0	0 5	20.5	0.4	26.6	26.6	0.0	
VMP-10-30-Dup	4/22/2019	1008	NM	NM	0.0	0	0 5	20.5	0.4	27.3	27.3	0.0	Duplicate sample.
VMP-10-30	5/20/2019	0956	0.00	0.00	0.0	0	0.4	20.1	0 3	0.0	0.0	0.0	
VMP-10-30	6/19/2019	1308	0.54	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-11-5	7/16/2018	1111	0.00	0.00	0.0	0	1.4	18.8	0 6	0.0	0.0	0.0	
VMP-11-5	8/22/2018	1132	0.00	0.00	0.0	0	1 2	19.8	0 2	0.0	0.0	0.0	
VMP-11-5	9/18/2018	1255	0.00	0.00	0.0	0	1 3	19.7	0 3	0.0	0.0	0.0	
VMP-11-5	10/17/2018	1103	0.00	0.00	0.0	0	0 5	20.4	0.1	0.0	0.0	0.0	
VMP-11-5	11/19/2018	1057	0.00	0.00	0.0	0	0 2	0 6	0.1	0.0	0.0	0.0	
VMP-11-5	12/18/2018	0850	0.00	0.00	0.0	0	0 2	0 8	0.1	0.0	0.0	0.0	
VMP-11-5	1/16/2019	1202	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-11-5	2/13/2019	1227	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-11-5	3/20/2019	1133	0.00	0.00	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-11-5	4/22/2019	1237	0.00	0.00	0.0	0	0 5	20.1	0 5	0.0	0.0	0.0	
VMP-11-5	5/20/2019	1110	0.00	0.00	0.0	0	1 5	19.9	0 2	0.0	0.0	0.0	
VMP-11-5	6/19/2019	1117	0.28	0.00	0.0	0	1 5	19.4	0.1	0.0	0.0	0.0	
VMP-11-8	7/16/2018	1116	0.00	0.00	0.0	0	2 0	18.2	0 6	0.0	0.0	0.0	
VMP-11-8	8/22/2018	1133	0.00	0.00	0.0	0	1.7	19.4	0 3	0.0	0.0	0.0	
VMP-11-8	9/18/2018	1300	0.00	0.00	0.0	0	1 9	19.2	0.1	0.0	0.0	0.0	
VMP-11-8	10/17/2018	1104	0.00	0.00	0.0	0	1 0	19.9	0.1	0.0	0.0	0.0	
VMP-11-8	11/19/2018	1058	0.00	0.00	0.0	0	0 6	20.3	0.1	0.0	0.0	0.0	
VMP-11-8	12/18/2018	0851	0.00	0.00	0.0	0	0.4	0 5	0 3	0.0	0.0	0.0	
VMP-11-8	1/16/2019	1203	-0.13	-0.60	0.0	0	0 3	20.6	0 2	0.0	0.0	0.0	
VMP-11-8	2/13/2019	1228	0.00	0.00	0.0	0	0 2	20.7	0 2	0.0	0.0	0.0	
VMP-11-8	3/20/2019	1134	0.00	0.00	0.0	0	0 2	20.7	0.7	0.0	0.0	0.0	
VMP-11-8	4/22/2019	1238	0.00	0.00	0.0	0	0 6	19.9	0 9	0.0	0.0	0.0	
VMP-11-8	5/20/2019	1111	0.00	0.00	0.0	0	1 6	19.6	0 3	0.0	0.0	0.0	
VMP-11-8	6/19/2019	1118	0.00	0.00	0.0	0	2 0	18.9	0.1	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-11-29	7/16/2018	1117	-0.57	-0.51	0.0	0	1 8	18.7	0 5	0.0	0.0	0.0	
VMP-11-29	8/22/2018	1134	-0.35	-0.32	0.0	0	2 0	18.9	0 3	0.0	0.0	0.0	
VMP-11-29	9/18/2018	1305	-0.30	-0.29	0.0	0	2 2	18.6	0.4	0.0	0.0	0.0	
VMP-11-29	10/17/2018	1105	-0.30	-0.29	0.0	0	2.1	18.8	0 2	0.0	0.0	0.0	
VMP-11-29	11/19/2018	1059	-0.25	-0.24	0.0	0	1 6	19.4	0 0	0.0	0.0	0.0	
VMP-11-29	12/18/2018	0852	-0.38	-0.28	0.0	0	1 3	19.7	0 2	0.0	0.0	0.0	
VMP-11-29	1/16/2019	1204	-0.23	-0.16	0.0	0	1 0	20.2	0.1	0.0	0.0	0.0	
VMP-11-29	2/13/2019	1229	-0.28	-0.29	0.0	0	1 0	20.0	0.4	0.0	0.0	0.0	
VMP-11-29	3/20/2019	1135	-0.49	-0.50	0.0	0	1 0	20.3	0 5	0.0	0.0	0.0	
VMP-11-29	4/22/2019	1239	-0.46	-0.43	0.0	0	0 9	19.8	1.4	0.0	0.0	0.0	
VMP-11-29	5/20/2019	1112	-0.27	0.00	0.0	0	1 0	19.7	0 2	0.0	0.0	0.0	
VMP-11-29-Dup	5/20/2019	1112	NM	NM	0.0	0	1.1	19.7	0 2	0.0	0.0	0.0	Duplicate sample.
VMP-11-29	6/19/2019	1119	-0.24	-0.25	0.0	0	1 2	19.1	0.1	0.0	0.0	0.0	
VMP-11-38	7/16/2018	1118	-0.10	-0.13	0.0	0	1 6	18.5	0 6	0.0	0.0	0.0	
VMP-11-38	8/22/2018	1135	-0.23	0.00	0.0	0	1 6	19.2	0.1	0.0	0.0	0.0	
VMP-11-38	9/18/2018	1310	0.00	0.00	0.0	0	1 6	19.2	0 9	0.0	0.0	0.0	
VMP-11-38	10/17/2018	1106	0.00	0.00	0.0	0	1 5	19.2	0.1	0.0	0.0	0.0	
VMP-11-38-Dup	10/17/2018	1106	NM	NM	0.0	0	1 5	19.2	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-11-38	11/19/2018	1100	0.00	0.00	0.0	0	1 3	19.5	0 2	0.0	0.0	0.0	
VMP-11-38	12/18/2018	0853	-0.11	0.00	0.0	0	1 5	19.5	0 2	0.0	0.0	0.0	
VMP-11-38	1/16/2019	1205	0.00	0.00	0.0	0	1 3	19.9	0 2	0.0	0.0	0.0	
VMP-11-38	2/13/2019	1230	0.00	-0.10	0.0	0	0 9	20.1	0 3	0.0	0.0	0.0	
VMP-11-38	3/20/2019	1136	0.00	0.00	0.0	0	0 2	20.7	0 3	0.0	0.0	0.0	
VMP-11-38	4/22/2019	1240	0.00	0.00	0.0	0	0 5	20.2	0 8	0.0	0.0	0.0	
VMP-11-38	5/20/2019	1113	0.00	0.00	0.0	0	0 9	20.1	0 8	0.0	0.0	0.0	
VMP-11-38	6/19/2019	1120	0.00	0.00	0.0	0	1 3	19.5	0 5	0.0	0.0	0.0	
VMP-11-38-Dup	6/19/2019	1120	NM	NM	0.0	0	1.4	19.4	0.7	0.0	0.0	0.0	Duplicate sample.
VMP-12-5	7/16/2018	0823	-1.50	-1.38	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-12-5	8/22/2018	0918	-1.22	-1.05	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-12-5	9/18/2018	0848	-0.68	-0.67	0.0	0	0 0	20.9	0.1	1.5	1.5	0.0	
VMP-12-5	10/17/2018	0908	-1.18	-0.79	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-12-5	11/19/2018	0915	-1.04	-0.91	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-12-5	12/17/2018	1217	-0.73	-0.71	0.0	0	0 0	20.9	0 2	1.4	1.4	0.0	
VMP-12-5	1/16/2019	0828	-1.57	-1.61	0.0	0	0 0	20.9	0 5	0.0	0.0	0.0	
VMP-12-5	2/13/2019	1106	-2.17	-1.58	0.0	0	0 0	20.9	0.4	0.0	0.0	0.0	
VMP-12-5	3/20/2019	0855	-1.33	-1.28	0.0	0	0 0	20.9	0 3	18.6	18.6	0.0	
VMP-12-5	4/22/2019	0857	-0.94	-0.90	0.0	0	0 0	20.9	0 5	3.8	3.8	0.0	
VMP-12-5	5/20/2019	0842	-0.96	-0.93	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-12-5	6/19/2019	1200	-0.70	-0.68	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-12-11.5	7/16/2018	0824	-1.75	-1.62	0.0	0	0.1	20.8	0 6	0.0	0.0	0.0	
VMP-12-11.5	8/22/2018	0919	-1.40	-1.27	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-12-11.5	9/18/2018	0849	-0.88	-0.88	0.0	0	0.1	20.8	0 2	62.1	62.1	0.0	
VMP-12-11.5	10/17/2018	0909	-0.89	-0.98	0.0	0	0.1	20.9	0.1	0.0	0.0	0.0	
VMP-12-11.5	11/19/2018	0916	-3.03	-0.93	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-12-11.5	12/17/2018	1223	-0.83	-0.54	0.0	0	0 0	20.9	0.7	0.0	0.0	0.0	
VMP-12-11.5	1/16/2019	0829	-5.14	6.45	0.0	0	0 2	20.7	0.1	0.0	0.0	0.0	
VMP-12-11.5	2/13/2019	1108	-24 90	-1.99	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-12-11.5	3/20/2019	0859	-1.73	-1.67	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-12-11.5	4/22/2019	0859	-1.11	-1.09	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-12-11.5	5/20/2019	0844	-1.07	-1.18	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-12-11.5	6/19/2019	1201	-0.83	-0.90	0.0	0	0.1	20.6	0 0	0.0	0.0	0.0	
VMP-12-25	7/16/2018	0825	-2.22	-2.14	0.0	0	1 0	19.3	0.4	0.0	0.0	0.0	
VMP-12-25	8/22/2018	0920	-1.87	-1.11	0.0	0	1 0	19.8	0.1	0.0	0.0	0.0	
VMP-12-25	9/18/2018	0850	-1.22	-1.21	0.0	0	1 3	19.0	0 3	23.5	23.5	0.0	
VMP-12-25	10/17/2018	0910	-1.44	-1.34	0.0	0	1.1	19.8	0.1	0.0	0.0	0.0	
VMP-12-25	11/19/2018	0917	-1.29	-1.19	0.0	0	1 3	19.2	0 3	0.0	0.0	0.0	
VMP-12-25-Dup	11/19/2018	0917	NM	NM	0.0	0	1 3	19.2	0 3	0.0	0.0	0.0	Duplicate sample.
VMP-12-25	12/17/2018	1226	-1.08	-1.11	0.0	0	1 3	19.2	0.4	0.0	0.0	0.0	
VMP-12-25	1/16/2019	0830	-1.89	-33.00	0.0	0	1 2	19.3	0 5	17.3	17.3	0.0	
VMP-12-25	2/13/2019	1110	-1.37	-2.52	0.0	0	0 8	20.1	0 3	0.0	0.0	0.0	
VMP-12-25	3/20/2019	0859	2.30	-2.34	0.0	0	0 5	20.4	0 2	0.0	0.0	NM	
VMP-12-25	4/22/2019	0901	-1.45	-1.45	0.0	0	0 2	18.5	1 2	0.0	0.0	0.0	
VMP-12-25	5/20/2019	0846	-1.16	-1.36	0.0	0	1 5	18.8	0 2	0.0	0.0	0.0	
VMP-12-25-Dup	5/20/2019	0846	NM	NM	0.0	0	1 5	18.7	0 2	0.0	0.0	0.0	Duplicate sample.
VMP-12-25	6/19/2019	1202	-1.12	-1.20	0.0	0	1.4	18.6	0 0	0.0	0.0	0.0	
VMP-12-39	7/16/2018	0826	-2.34	-2.26	OVR	OVR	14.7	0 5	139	364000	258000	106000	
VMP-12-39-Dup	7/16/2018	0826	NM	NM	OVR	OVR	14.6	0 6	139	375000	259000	116000	Duplicate sample.
VMP-12-39	8/22/2018	0921	-1.93	-1.82	51 3	OVR	14.7	1 0	134	147000	118000	29000	
VMP-12-39-Dup	8/22/2018	0921	NM	NM	57 2	OVR	14.3	1 5	134	141000	109000	32000	Duplicate sample.
VMP-12-39	9/18/2018	0851	-1.30	-1.41	18.7	OVR	16.4	13.8	121	37870	27130	10740	Re-sampled due to elevated oxygen.
VMP-12-39-Dup	9/18/2018	0851	NM	NM	52 5	OVR	14.9	1 0	121	153000	123000	30000	Duplicate sample.
VMP-12-39	9/19/2018	1009	-1.44	NM	48.4	OVR	14.9	1 2	112	148000	129000	19000	Re-sample.
VMP-12-39	10/17/2018	0911	-1.54	-1.45	46.1	OVR	15.0	1.4	136	143000	119000	24000	
VMP-12-39	11/19/2018	0918	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	12/17/2018	1231	-3.01	-1.18	65 6	OVR	15.0	1 8	130	227000	176000	51000	
VMP-12-39	1/16/2019	0831	-2.27	-1.76	71 5	OVR	15.2	0 9	98.5	282000	219000	63000	
VMP-12-39	2/13/2019	1112	-1.77	-2.14	27.4	OVR	15.0	0 6	117	112000	95000	17000	
VMP-12-39	3/20/2019	0901	-2.62	-2.53	14 9	OVR	12.0	5.7	87.2	80380	71230	9150	
VMP-12-39	4/22/2019	0903	-1.53	-1.56	44 9	OVR	13.7	2.1	126	205000	159000	46000	
VMP-12-39	5/20/2019	0848	-1.43	-1.52	64.4	OVR	15.1	0 8	132	226000	174000	52000	
VMP-12-39	6/19/2019	1203	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-13-5	7/16/2018	0920	-0.10	-0.15	0.0	0	0.7	19.7	0 3	0.0	0.0	0.0	
VMP-13-5	8/22/2018	0940	-0.39	0.00	0.0	0	0 5	20.5	0 6	0.0	0.0	0.0	
VMP-13-5	9/18/2018	1026	0.34	-0.12	0.0	0	0 6	20.2	0.1	0.0	0.0	0.0	
VMP-13-5	10/17/2018	0934	0.00	0.00	0.0	0	0.4	20.7	0 0	0.0	0.0	0.0	
VMP-13-5	11/19/2018	0905	0.00	0.00	0.0	0	0 2	20.7	0 0	0.0	0.0	0.0	
VMP-13-5	12/18/2018	1050	0.00	0.00	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-13-5	1/16/2019	0934	-0.21	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-13-5	2/13/2019	1017	0.51	0.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-13-5	3/20/2019	0857	0.00	0.00	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-13-5	4/22/2019	0903	-0.03	-0.09	0.0	0	0.1	20.8	0 8	0.0	0.0	0.0	
VMP-13-5	5/20/2019	0834	0.00	0.00	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-13-5	6/19/2019	1000	0.00	0.00	0.0	0	0 2	20.6	0 0	0.0	0.0	0.0	
VMP-13-10.5	7/16/2018	0921	-0.57	-0.63	0.0	0	0.4	20.4	0 2	0.0	0.0	0.0	
VMP-13-10.5	8/22/2018	0941	-0.47	-0.38	0.0	0	0 6	20.4	0 2	0.0	0.0	0.0	
VMP-13-10.5	9/18/2018	1029	-0.33	-0.35	0.0	0	0 6	20.2	0 2	0.0	0.0	0.0	
VMP-13-10.5	10/17/2018	0935	-0.45	-0.40	0.0	0	0 6	20.6	0.1	0.0	0.0	0.0	
VMP-13-10.5	11/19/2018	0906	-0.38	-0.33	0.0	0	0 3	20.7	0 0	0.0	0.0	0.0	
VMP-13-10.5	12/18/2018	1051	-0.25	-0.22	0.0	0	0.1	20.7	0.1	0.0	0.0	0.0	
VMP-13-10.5	1/16/2019	0935	-0.59	-0.43	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-13-10.5	2/13/2019	1018	-0.47	-0.40	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-13-10.5	3/20/2019	0858	-0.39	0.00	0.0	0	0 0	20.9	0.4	0.0	0.0	0.0	
VMP-13-10.5	4/22/2019	0904	-0.09	-0.42	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-13-10.5	5/20/2019	0835	-0.12	-0.25	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-13-10.5	6/19/2019	1001	0.00	-0.25	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-13-21.5	7/16/2018	0922	-0.51	-0.79	0.0	0	0.1	20.7	0.4	0.0	0.0	0.0	
VMP-13-21.5	8/22/2018	0942	-0.32	-0.50	0.0	0	0 2	20.8	0 3	0.0	0.0	0.0	
VMP-13-21.5	9/18/2018	1034	0.00	-0.47	0.0	0	0 3	20.5	0.1	0.0	0.0	0.0	
VMP-13-21.5	10/17/2018	0936	-0.55	-0.51	0.0	0	0.4	20.7	0.1	0.0	0.0	0.0	
VMP-13-21.5	11/19/2018	0907	-0.47	-0.42	0.0	0	0 2	20.7	0 3	0.0	0.0	0.0	
VMP-13-21 5-Dup	11/19/2018	0907	NM	NM	0.0	0	0 3	20.7	0 3	0.0	0.0	0.0	Duplicate sample.
VMP-13-21.5	12/18/2018	1052	-0.32	-0.28	0.0	0	0 2	20.7	0.1	0.0	0.0	0.0	
VMP-13-21.5	1/16/2019	0936	-0.51	-0.55	0.0	0	0 2	20.7	0 0	0.0	0.0	0.0	
VMP-13-21.5	2/13/2019	1019	-0.79	-0.51	0.0	0	0 2	20.8	0.1	0.0	0.0	0.0	
VMP-13-21.5	3/20/2019	0859	-0.51	-0.50	0.0	0	0.1	20.9	0 2	0.0	0.0	0.0	
VMP-13-21 5-Dup	3/20/2019	0859	NM	NM	0.0	0	0.1	20.9	0 2	0.0	0.0	0.0	Duplicate sample.
VMP-13-21.5	4/22/2019	0905	-0.11	-0.51	0.0	0	0 0	20.9	0 6	0.0	0.0	0.0	
VMP-13-21.5	5/20/2019	0836	0.00	0.00	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-13-21.5	6/19/2019	1002	-0.21	-0.30	0.0	0	0.1	20.9	0 0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-13-29.5	7/16/2018	0923	-0.20	-0.25	0.0	0	0.4	20.4	0 3	0.0	0.0	0.0	
VMP-13-29.5	8/22/2018	0943	-0.12	0.00	0.0	0	0 6	20.3	0 2	0.0	0.0	0.0	
VMP-13-29.5	9/18/2018	1039	-0.09	-0.10	0.0	0	0 6	20.2	0 0	0.0	0.0	0.0	
VMP-13-29.5	10/17/2018	0937	-0.34	-0.27	0.0	0	0 6	20.5	0.1	0.0	0.0	0.0	
VMP-13-29.5	11/19/2018	0908	-0.25	-0.21	0.0	0	0 5	20.5	0 2	0.0	0.0	0.0	
VMP-13-29.5	12/18/2018	1053	-0.09	-0.13	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-13-29 5-Dup	12/18/2018	1053	NM	NM	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-13-29.5	1/16/2019	0937	-0.30	-0.16	0.0	0	0 3	20.6	0.1	0.0	0.0	0.0	
VMP-13-29.5	2/13/2019	1020	-0.15	-0.15	0.0	0	0 3	20.7	0 0	0.0	0.0	0.0	
VMP-13-29.5	3/20/2019	0900	-0.16	-0.15	0.0	0	0 2	20.7	0.4	0.0	0.0	0.0	
VMP-13-29.5	4/22/2019	0906	-0.03	-0.16	0.0	0	0 2	20.7	0 5	0.0	0.0	0.0	
VMP-13-29.5	5/20/2019	0837	-0.13	0.00	0.0	0	0 2	20.6	0 0	0.0	0.0	0.0	
VMP-13-29.5	6/19/2019	1003	0.00	0.00	0.0	0	0.1	20.6	0.1	0.0	0.0	0.0	
VMP-14-5	7/16/2018	0933	0.00	-0.38	0.0	0	1 3	19.3	0 3	0.0	0.0	0.0	
VMP-14-5	8/22/2018	1001	0.00	0.00	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-14-5	9/18/2018	1045	-0.09	-0.75	0.0	0	0 5	20.2	0 3	0.0	0.0	0.0	
VMP-14-5	10/17/2018	0950	0.00	0.00	0.0	0	0.1	20.9	0.1	0.0	0.0	0.0	
VMP-14-5	11/19/2018	0840	-0.16	0.00	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-14-5	12/18/2018	1108	0.00	0.00	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-14-5	1/16/2019	1004	-1.95	0.00	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-14-5	2/13/2019	1031	-1.16	0.00	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-14-5	3/20/2019	0853	0.00	0.00	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-14-5	4/22/2019	0839	-0.25	-0.33	0.0	0	0.4	20.5	0 6	0.0	0.0	0.0	
VMP-14-5	5/20/2019	0816	0.00	0.00	0.0	0	1 0	20.0	0.1	0.0	0.0	0.0	
VMP-14-5	6/19/2019	0917	-10 21	0.00	0.0	0	1 0	19.9	0 0	0.0	0.0	0.0	
VMP-14-11.5	7/16/2018	0934	0.00	0.00	0.0	0	1 3	19.4	0 6	0.0	0.0	0.0	
VMP-14-11.5	8/22/2018	1010	0.00	0.00	0.0	0	0.4	20.5	0 6	0.0	0.0	0.0	
VMP-14-11.5	9/18/2018	1050	0.00	-0.36	0.0	0	0.4	20.3	0.4	0.0	0.0	0.0	
VMP-14-11.5	10/17/2018	0951	-0.34	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-14-11.5	11/19/2018	0841	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-14-11.5	12/18/2018	1109	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-14-11.5	1/16/2019	1005	0.12	-0.13	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-14-11.5	2/13/2019	1032	-0.66	0.00	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-14-11 5-Dup	2/13/2019	1032	NM	NM	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	Duplicate sample.
VMP-14-11.5	3/20/2019	0834	0.00	0.00	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-14-11.5	4/22/2019	0840	0.00	-0.19	0.0	0	0 5	20.5	0 2	0.0	0.0	0.0	
VMP-14-11.5	5/20/2019	0817	0.00	0.00	0.0	0	0 8	20.3	0 2	0.0	0.0	0.0	
VMP-14-11 5-Dup	5/20/2019	0817	NM	NM	0.0	0	0 8	20.3	0 2	0.0	0.0	0.0	Duplicate sample.
VMP-14-11.5	6/19/2019	0918	0.32	0.00	0.0	0	1 0	20.0	0.4	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-14-20	7/16/2018	0935	-1.00	-0.84	0.0	0	15.3	1.4	1 3	4.8	4.8	0.0	
VMP-14-20	8/22/2018	1003	-0.69	-0.26	0.0	0	12.1	6.4	1 0	0.0	0.0	0.0	
VMP-14-20	9/18/2018	1055	-1.25	-0.55	0.0	0	12.5	5.1	1.4	1.5	0.0	1.5	
VMP-14-20	10/17/2018	0952	-0.63	-1.28	0.0	0	11.2	7 8	0 8	0.0	0.0	0.0	
VMP-14-20	11/19/2018	0842	-0.14	-0.61	0.0	0	12.3	5.7	1 5	0.0	0.0	0.0	
VMP-14-20-Dup	11/19/2018	0842	NM	NM	0.0	0	12.3	5 8	1 5	0.0	0.0	0.0	Duplicate sample.
VMP-14-20	12/18/2018	1110	-2.40	-0.17	0.0	0	11.1	6 8	0 5	0.0	0.0	0.0	
VMP-14-20	1/16/2019	1006	-1.34	-1.39	0.0	0	10.5	7 8	0 3	0.0	0.0	0.0	
VMP-14-20-Dup	1/16/2019	1006	NM	NM	0.0	0	9 8	8 8	0.7	0.0	0.0	0.0	Duplicate sample.
VMP-14-20	2/13/2019	1033	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-20	3/20/2019	0835	-1.58	0.00	0.0	0	10.3	7 6	0 6	0.0	0.0	0.0	
VMP-14-20	4/22/2019	0841	-0.79	-0.39	0.0	0	10.2	6 2	1 2	14.3	14.3	0.0	
VMP-14-20	5/20/2019	0818	-3.51	0.00	0.0	0	10.2	5 9	0.4	146	141	5.0	
VMP-14-20	6/19/2019	0919	-5.71	-0.29	0.0	0	6.4	11.4	0 3	8.9	8.9	0.0	
VMP-14-20-Dup	6/19/2019	0919	NM	NM	0.0	0	6 3	11.5	0 5	9.2	9.2	0.0	Duplicate sample.
VMP-14-29	7/16/2018	0936	-0.27	0.00	0.0	0	8 8	8 2	0 6	0.0	0.0	0.0	
VMP-14-29-Dup	7/16/2018	0936	NM	NM	0.0	0	8 8	8 3	0 6	0.0	0.0	0.0	Duplicate sample.
VMP-14-29	8/22/2018	1005	-1.32	-0.61	0.0	0	4 2	16.9	0 3	0.0	0.0	0.0	
VMP-14-29-Dup	8/22/2018	1005	NM	NM	0.0	0	4 2	16.8	0 3	0.0	0.0	0.0	Duplicate sample.
VMP-14-29	9/18/2018	1100	-1.40	-0.42	0.0	0	4.7	14.5	0 6	0.0	0.0	0.0	
VMP-14-29	10/17/2018	0953	-0.72	-0.72	0.0	0	4 0	17.0	0.1	0.0	0.0	0.0	
VMP-14-29	11/19/2018	0843	-6.45	0.00	0.0	0	3.7	16.6	0 2	0.5	0.5	0.0	
VMP-14-29	12/18/2018	1111	0.20	0.00	0.0	0	3.7	16.7	0 2	0.0	0.0	0.0	
VMP-14-29	1/16/2019	1007	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	2/13/2019	1034	-0.69	-0.47	0.0	0	4 2	15.5	0 3	0.0	0.0	0.0	
VMP-14-29	3/20/2019	0836	-0.30	-0.29	0.0	0	4 2	16.2	0 3	0.0	0.0	0.0	
VMP-14-29	4/22/2019	0842	-0.38	-0.27	0.0	0	5 0	13.3	0.4	0.5	0.5	0.0	
VMP-14-29-Dup	4/22/2019	0842	NM	NM	0.0	0	5.1	13.0	0.4	0.5	0.5	0.0	Duplicate sample.
VMP-14-29	5/20/2019	0819	-0.42	-0.26	0.0	0	6.7	10.0	0.1	21.2	21.2	0.0	
VMP-14-29	6/19/2019	0920	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-17-5	7/16/2018	1111	0.00	0.00	0.0	0	1.1	19.6	0.7	0.0	0.0	0.0	
VMP-17-5	8/22/2018	1123	0.00	0.00	0.0	0	1 0	20.0	0 3	0.0	0.0	0.0	
VMP-17-5	9/18/2018	1246	0.00	0.00	0.0	0	0 9	20.1	0 3	0.0	0.0	0.0	
VMP-17-5	10/17/2018	1056	0.00	0.00	0.0	0	0 3	20.6	0 0	0.0	0.0	0.0	
VMP-17-5	11/19/2018	1107	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-17-5	12/18/2018	0843	0.00	-0.11	0.0	0	0.1	20.8	0 8	0.0	0.0	0.0	
VMP-17-5	1/16/2019	1156	0.12	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-17-5	2/13/2019	1221	0.00	0.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-17-5	3/20/2019	1130	0.00	0.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-17-5	4/22/2019	1229	0.00	0.00	0.0	0	0.4	20.5	0 6	0.0	0.0	0.0	
VMP-17-5	5/20/2019	1103	0.00	0.00	0.0	0	1 3	20.1	0.1	0.0	0.0	0.0	
VMP-17-5	6/19/2019	1131	0.00	0.00	0.0	0	1 2	19.7	0.7	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-18-8 5	7/16/2018	1042	-0.12	0.00	0.0	0	2 8	18.2	0.4	0.0	0.0	0.0	
VMP-18-8 5	8/22/2018	1108	0.00	0.00	0.0	0	2 3	19.2	0 2	0.0	0.0	0.0	
VMP-18-8 5	9/18/2018	1233	-0.10	0.00	0.0	0	2 3	18.6	0.1	0.0	0.0	0.0	
VMP-18-8 5	10/17/2018	1048	0.00	0.00	0.0	0	2.1	19.2	0 0	0.0	0.0	0.0	
VMP-18-8 5	11/19/2018	1127	0.00	0.00	0.0	0	1.1	20.0	0 2	0.0	0.0	0.0	
VMP-18-8 5	12/18/2018	0838	-0.12	0.00	0.0	0	0 5	20.5	0.1	0.0	0.0	0.0	
VMP-18-8 5	1/16/2019	1145	0.00	-0.18	0.0	0	0 5	20.5	0 0	0.0	0.0	0.0	
VMP-18-8 5	2/13/2019	1207	0.00	0.00	0.0	0	0.4	20.6	0 2	0.0	0.0	0.0	
VMP-18-8 5	3/20/2019	1121	0.00	0.00	0.0	0	0.4	20.6	0 2	0.0	0.0	0.0	
VMP-18-8 5	4/22/2019	1211	0.00	0.00	0.0	0	0 8	18.8	0.4	0.0	0.0	0.0	
VMP-18-8.5-Dup	4/22/2019	1211	NM	NM	0.0	0	0 8	18.8	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-18-8 5	5/20/2019	1210	0.00	0.00	0.0	0	2.4	17.2	0 0	0.0	0.0	0.0	
VMP-18-8 5	6/20/2019	0818	0.00	0.00	0.0	0	4 0	17.0	0 0	0.0	0.0	0.0	
VMP-19-5	7/16/2018	1052	-0.51	0.00	0.0	0	0 8	19.7	0 5	4.3	4.3	0.0	
VMP-19-5	8/22/2018	1115	0.00	0.00	0.0	0	0 5	20.2	0.4	3.4	3.4	0.0	
VMP-19-5	9/18/2018	1241	0.00	0.00	0.0	0	0 5	20.3	0 3	0.0	0.0	0.0	
VMP-19-5	10/17/2018	1244	0.00	0.00	0.0	0	0 2	20.6	0 0	0.0	0.0	0.0	
VMP-19-5	11/19/2018	1123	0.16	0.00	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-19-5	12/18/2018	1451	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-19-5	1/16/2019	1149	-0.16	0.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-19-5	2/13/2019	1216	-0.10	0.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-19-5-Dup	2/13/2019	1216	NM	NM	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-19-5	3/20/2019	1125	0.00	0.00	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-19-5	4/22/2019	1223	0.00	0.00	0.0	0	0 2	20.6	0 8	0.0	0.0	0.0	
VMP-19-5	5/20/2019	1058	0.00	0.00	0.0	0	0 6	20.4	0 2	0.0	0.0	0.0	
VMP-19-5	6/20/2019	0826	0.00	0.00	0.0	0	0.7	20.2	0 0	0.0	0.0	0.0	
VMP-29-10	7/16/2018	0833	-0.14	-0.21	0.0	0	0 3	20.6	1.1	0.0	0.0	0.0	
VMP-29-10	8/22/2018	0859	0.00	0.00	0.0	0	0.4	20.4	0 2	0.0	0.0	0.0	
VMP-29-10	9/18/2018	0908	-1.69	0.00	0.0	0	0 6	20.1	0.1	0.0	0.0	0.0	
VMP-29-10	10/17/2018	0900	0.00	0.00	0.0	0	0.4	20.5	0.1	0.0	0.0	0.0	
VMP-29-10	11/19/2018	0935	-0.16	-0.10	0.0	0	0 2	20.7	1.1	0.0	0.0	0.0	
VMP-29-10	12/18/2018	1017	-0.50	0.00	0.0	0	0 0	20.9	0 5	0.6	0.0	0.6	
VMP-29-10	1/16/2019	0839	-0.72	0.00	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-29-10	2/13/2019	0933	-0.36	0.00	0.0	0	0.1	20.9	0 2	0.0	0.0	0.0	
VMP-29-10	3/20/2019	0946	0.00	0.00	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-29-10-Dup	3/20/2019	0946	NM	NM	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	Duplicate sample.
VMP-29-10	4/22/2019	0936	-0.02	-0.32	0.0	0	0 0	20.8	1.4	0.0	0.0	0.0	
VMP-29-10	5/20/2019	0906	-0.38	0.00	0.0	0	0 2	20.3	0 2	0.0	0.0	0.0	
VMP-29-10	6/19/2019	1322	-0.51	0.00	0.0	0	0 6	19.9	0 3	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-29-18	7/16/2018	0839	-0.14	-0.23	0.0	0	0 8	20.0	4.1	7.7	0.0	7.7	
VMP-29-18	8/22/2018	0903	-0.20	-0.10	0.0	0	0.7	20.2	6.7	11.6	0.0	11.6	
VMP-29-18	9/18/2018	0918	-0.20	-0.09	0.0	0	0.7	20.0	3 0	2.4	0.0	2.4	
VMP-29-18	10/17/2018	0904	-0.22	-0.16	0.0	0	0.4	20.4	1 3	1.1	0.0	1.1	
VMP-29-18	11/19/2018	0936	0.14	-0.10	0.0	0	0 3	20.6	3.7	3.5	0.0	3.5	
VMP-29-18	12/18/2018	1020	-0.20	0.00	0.0	0	0 3	20.7	0 5	0.0	0.0	0.0	
VMP-29-18	1/16/2019	0849	-0.42	0.21	0.0	0	0 2	20.8	0.4	0.0	0.0	0.0	
VMP-29-18	2/13/2019	0934	-0.26	-0.11	0.0	0	0 2	20.8	0.1	0.0	0.0	0.0	
VMP-29-18	3/20/2019	0947	0.00	0.00	0.0	0	0.1	20.8	0 6	0.0	0.0	0.0	
VMP-29-18	4/22/2019	0937	-0.02	-0.15	0.0	0	0.1	20.7	2.4	1.7	0.0	1.7	
VMP-29-18	5/20/2019	0907	0.00	0.00	0.0	0	0.1	20.1	2 2	7.8	3.5	4.3	
VMP-29-18	6/19/2019	1325	0.00	-0.09	0.0	0	0.4	19.8	1.4	1.0	0.0	1.0	
VMP-29-26	7/16/2018	0844	-0.09	-0.59	0.0	0	0.7	20.0	1.7	3.1	0.0	3.1	
VMP-29-26	8/22/2018	0909	-0.23	-0.11	0.0	0	0 9	20.2	1 0	3.2	0.0	3.2	
VMP-29-26	9/18/2018	0928	0.21	-0.10	0.0	0	0 8	19.9	0 2	0.0	0.0	0.0	
VMP-29-26	10/17/2018	0909	-0.68	-0.17	0.0	0	0 8	20.5	0 3	0.0	0.0	0.0	
VMP-29-26	11/19/2018	0937	-0.17	0.00	0.0	0	0 6	20.5	0 8	0.0	0.0	0.0	
VMP-29-26	12/18/2018	1025	-0.11	0.00	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-29-26	1/16/2019	0849	-0.32	0.15	0.0	0	0 3	20.7	0 3	0.0	0.0	0.0	
VMP-29-26	2/13/2019	0935	-0.23	-0.10	0.0	0	0 3	20.8	0.4	0.0	0.0	0.0	
VMP-29-26	3/20/2019	0948	-0.09	0.00	0.0	0	0 2	20.8	0 3	0.0	0.0	0.0	
VMP-29-26	4/22/2019	0938	-0.20	-0.15	0.0	0	0 2	20.7	1 2	0.0	0.0	0.0	
VMP-29-26	5/20/2019	0908	0.00	0.00	0.0	0	0 3	20.2	0 3	0.0	0.0	0.0	
VMP-29-26	6/19/2019	1329	0.00	0.19	0.0	0	0.4	19.3	0 3	0.0	0.0	0.0	
VMP-29-40	7/16/2018	0845	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	8/22/2018	0910	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	9/18/2018	0940	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	10/17/2018	0910	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	11/19/2018	0938	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	12/18/2018	1026	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	1/16/2019	0850	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	2/13/2019	0936	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	3/20/2019	0949	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	4/22/2019	0939	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	5/20/2019	0909	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	6/19/2019	1330	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-30-10	7/16/2018	0856	0.00	-0.20	0.0	0	0 0	20.9	0 8	1.3	0.0	1.3	
VMP-30-10	8/22/2018	0930	-0.17	-0.10	0.0	0	0.1	20.8	0 9	0.0	0.0	0.0	
VMP-30-10	9/18/2018	0955	-0.12	-0.11	0.0	0	0.1	20.8	2 5	1.6	0.0	1.6	
VMP-30-10	10/17/2018	0918	-0.20	-0.13	0.0	0	0.1	20.9	0 3	0.0	0.0	0.0	
VMP-30-10	11/19/2018	0920	-0.16	-0.10	0.0	0	0.1	20.8	0 6	0.0	0.0	0.0	
VMP-30-10	12/18/2018	1035	-0.12	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-30-10	1/16/2019	0907	-0.30	-0.17	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-30-10	2/13/2019	0950	-0.27	-0.15	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-30-10	3/20/2019	0921	-0.15	-0.13	0.0	0	0 0	20.9	0 5	0.0	0.0	0.0	
VMP-30-10	4/22/2019	0916	-0.03	-0.18	0.0	0	0 0	20.9	1.1	0.0	0.0	0.0	
VMP-30-10	5/20/2019	0852	-0.12	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-30-10	6/19/2019	0939	0.00	-0.09	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-30-18	7/16/2018	0900	-0.30	-0.47	0.0	0	0 2	20.6	1 5	3.4	0.0	3.4	
VMP-30-18	8/22/2018	0918	-0.38	-0.28	0.0	0	0 2	20.6	3.1	6.5	0.0	6.5	
VMP-30-18	9/18/2018	1004	-0.25	-0.26	0.0	0	0 3	20.6	0 8	0.0	0.0	0.0	
VMP-30-18	10/17/2018	0921	-0.40	-0.33	0.0	0	0 3	20.9	0 2	0.0	0.0	0.0	
VMP-30-18	11/19/2018	0921	-0.29	-0.25	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-30-18	12/18/2018	1038	-0.22	-0.14	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-30-18	1/16/2019	0910	-0.48	-0.34	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-30-18	2/13/2019	0951	-0.44	-0.30	0.0	0	0.1	20.9	0.1	0.0	0.0	0.0	
VMP-30-18	3/20/2019	0922	-0.28	-0.26	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-30-18	4/22/2019	0917	-0.06	-0.32	0.0	0	0 0	20.9	0.7	0.0	0.0	0.0	
VMP-30-18	5/20/2019	0853	-0.26	-0.16	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-30-18	6/19/2019	0946	0.00	-0.14	0.0	0	0 0	20.6	0.4	0.0	0.0	0.0	
VMP-30-26	7/16/2018	0904	-0.32	-0.49	0.0	0	0 2	20.6	1 2	2.3	0.0	2.3	
VMP-30-26	8/22/2018	0925	-0.39	-0.31	0.0	0	0 3	20.6	4 6	8.8	0.0	8.8	
VMP-30-26	9/18/2018	1015	-0.26	-0.28	0.0	0	0 3	20.5	0 5	0.0	0.0	0.0	
VMP-30-26	10/17/2018	0926	-0.41	-0.34	0.0	0	0.4	20.7	0 5	0.0	0.0	0.0	
VMP-30-26	11/19/2018	0922	0.00	-0.26	0.0	0	0 2	20.7	0 9	0.0	0.0	0.0	
VMP-30-26	12/18/2018	1042	0.00	-0.17	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-30-26	1/16/2019	0916	-0.41	0.00	0.0	0	0 2	20.8	0 2	0.0	0.0	0.0	
VMP-30-26	2/13/2019	0952	-0.45	-0.31	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-30-26	3/20/2019	0923	-0.31	-0.27	0.0	0	0 0	20.9	0.4	0.0	0.0	0.0	
VMP-30-26	4/22/2019	0918	-0.07	-0.35	0.0	0	0 0	20.9	0 8	0.0	0.0	0.0	
VMP-30-26	5/20/2019	0854	-0.28	-0.18	0.0	0	0.1	20.7	0.4	0.0	0.0	0.0	
VMP-30-26	6/19/2019	0942	0.00	-0.15	0.0	0	0.1	20.5	0.1	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-30-40	7/16/2018	0905	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	8/22/2018	0926	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	9/18/2018	1010	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	10/17/2018	0927	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	11/19/2018	0923	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	12/18/2018	1043	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	1/16/2019	0917	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	2/13/2019	0953	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	3/20/2019	0924	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	4/22/2019	0919	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	5/20/2019	0855	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	6/19/2019	0943	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-32-5	7/20/2018	1300	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-32-5	8/23/2018	1151	0.00	0.00	0.0	0	1 9	19.1	1 8	0.0	0.0	0.0	
VMP-32-5	9/19/2018	1013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-32-5	10/18/2018	1017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-32-5	11/20/2018	1021	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-32-5	12/17/2018	0920	-1.33	0.00	0.0	0	0.4	20.5	0 6	0.0	0.0	0.0	
VMP-32-5	1/17/2019	1128	0.00	0.00	0.0	0	0 3	20.7	0 0	0.0	0.0	0.0	
VMP-32-5	2/14/2019	1030	-0.19	-0.12	0.0	0	0 2	20.7	1 6	9.9	0.0	9.9	Re-sampled due to elevated THC.
VMP-32-5	2/14/2019	1302	-0.38	NM	0.0	0	0 2	20.4	0 9	9.6	0.0	9.6	Re-sample.
VMP-32-5	3/21/2019	1019	-0.19	-0.12	0.0	0	0 2	20.6	0.4	0.0	0.0	0.0	
VMP-32-5	4/23/2019	1105	-0.18	-0.13	0.0	0	0 9	20.1	0 6	0.0	0.0	0.0	
VMP-32-5	5/20/2019	0932	-0.22	-0.17	0.0	0	1 2	19.8	0 0	0.0	0.0	0.0	
VMP-32-5	6/20/2019	0801	0.00	-0.16	0.0	0	1 6	19.2	0 0	0.0	0.0	0.0	
VMP-32-10	7/20/2018	1301	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-32-10	8/23/2018	1152	0.00	0.00	0.0	0	2.7	18.2	0.7	0.0	0.0	0.0	
VMP-32-10	9/19/2018	1014	-0.17	-0.18	0.0	0	2.4	18.3	0.7	0.0	0.0	0.0	
VMP-32-10	10/18/2018	1018	0.00	-0.15	0.0	0	1 9	19.3	0 3	0.0	0.0	0.0	
VMP-32-10	11/20/2018	1022	-0.18	-0.15	0.0	0	1 0	19.9	0 3	0.0	0.0	0.0	
VMP-32-10	12/17/2018	0921	-0.67	-0.44	0.0	0	0.7	20.3	0 3	0.0	0.0	0.0	
VMP-32-10	1/17/2019	1129	-0.32	-0.30	0.0	0	0 6	20.4	0.1	0.0	0.0	0.0	
VMP-32-10	2/14/2019	1032	0.00	-0.45	0.0	0	0 6	20.3	0.1	0.0	0.0	0.0	
VMP-32-10	3/21/2019	1020	-0.19	-0.12	0.0	0	0.4	20.5	0 5	0.0	0.0	0.0	
VMP-32-10	4/23/2019	1107	-0.27	-0.21	0.0	0	0.7	20.2	0 2	0.0	0.0	0.0	
VMP-32-10	5/21/2019	0933	-0.27	-0.23	0.0	0	1.1	19.9	0.4	0.0	0.0	0.0	
VMP-32-10	6/20/2019	0802	-0.19	-0.23	0.0	0	1.7	19.1	0 0	0.0	0.0	0.0	
VMP-32-10-Dup	6/20/2019	0802	NM	NM	0.0	0	1 6	19.2	0 0	0.0	0.0	0.0	Duplicate sample.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-32-20	7/20/2018	1302	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-32-20	8/23/2018	1153	-0.16	-0.21	0.0	0	0 2	20.7	1 3	0.0	0.0	0.0	
VMP-32-20	9/19/2018	1015	-0.32	-0.30	0.0	0	0.1	20.7	0 5	0.0	0.0	0.0	
VMP-32-20	10/18/2018	1019	-0.16	-0.25	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-32-20	11/20/2018	1023	-0.13	-0.09	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-32-20	12/17/2018	0922	-0.16	0.00	0.0	0	0 0	20.9	0.4	0.0	0.0	0.0	
VMP-32-20	1/17/2019	1130	-0.16	-0.16	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-32-20	2/14/2019	1034	-0.24	-0.10	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-32-20	3/21/2019	1021	-0.19	-0.13	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-32-20	4/23/2019	1109	-0.34	-0.30	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-32-20	5/21/2019	0934	-0.46	-0.43	0.0	0	0 3	20.6	0 0	0.0	0.0	0.0	
VMP-32-20	6/20/2019	0803	-0.39	-0.35	0.0	0	0 2	20.6	0.1	0.0	0.0	0.0	
VMP-32-30	7/20/2018	1303	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-32-30	8/23/2018	1154	0.00	0.00	0.0	0	1 3	19.5	1 3	0.0	0.0	0.0	
VMP-32-30	9/19/2018	1016	-0.10	-0.52	0.0	0	2.4	18.3	0 2	0.0	0.0	0.0	
VMP-32-30	10/18/2018	1020	-0.29	-0.33	0.0	0	1 0	20.1	0 0	0.0	0.0	0.0	
VMP-32-30	11/20/2018	1024	0.00	0.00	0.0	0	0 3	20.5	0 2	0.0	0.0	0.0	
VMP-32-30	12/17/2018	0923	0.00	0.00	0.0	0	0 3	20.7	0.1	0.0	0.0	0.0	
VMP-32-30	1/17/2019	1131	-0.15	0.00	0.0	0	0 3	20.6	0 2	0.0	0.0	0.0	
VMP-32-30	2/14/2019	1036	0.00	0.00	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-32-30	3/21/2019	1022	0.00	0.00	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-32-30	4/23/2019	1111	0.00	0.00	0.0	0	0.1	20.7	0 2	0.0	0.0	0.0	
VMP-32-30	5/21/2019	0935	-0.19	-0.20	0.0	0	1 0	19.9	0 0	0.0	0.0	0.0	
VMP-32-30	6/20/2019	0804	-0.13	-0.15	0.0	0	1 3	19.5	0 0	0.0	0.0	0.0	
VMP-33-10	7/16/2018	1141	0.00	0.00	0.0	0	0 3	20.4	0.4	0.0	0.0	0.0	
VMP-33-10	8/22/2018	1205	0.00	0.00	0.0	0	0 3	20.6	0 2	0.0	0.0	0.0	
VMP-33-10	9/18/2018	1040	0.00	0.00	0.0	0	0.4	20.3	0 2	0.0	0.0	0.0	
VMP-33-10	10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP in construction area.
VMP-33-10	11/19/2018	1246	0.00	0.00	0.0	0	0 2	20.7	0 2	0.0	0.0	0.0	
VMP-33-10	12/17/2018	1458	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-33-10	1/16/2019	1135	0.00	0.00	0.0	0	0.1	20.8	0 3	0.0	0.0	0.0	
VMP-33-10	2/13/2019	1024	0.00	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-33-10	3/20/2019	1128	0.00	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-33-10	4/22/2019	1127	-0.10	0.00	0.0	0	0 0	20.9	0.4	0.0	0.0	0.0	
VMP-33-10	5/20/2019	1028	-0.38	0.00	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-33-10-Dup	5/20/2019	1028	NM	NM	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	Duplicate sample.
VMP-33-10	6/19/2019	1009	0.00	0.00	0.0	0	0.1	20.7	0 0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-33-20	7/16/2018	1142	0.00	0.00	0.0	0	0.4	20.0	0 0	0.0	0.0	0.0	
VMP-33-20	8/22/2018	1206	0.00	0.00	0.0	0	0 5	20.1	0 0	0.0	0.0	0.0	
VMP-33-20	9/18/2018	1041	-0.09	0.00	0.0	0	0.7	19.9	0 3	0.0	0.0	0.0	
VMP-33-20	10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP in construction area.
VMP-33-20	11/19/2018	1247	0.00	0.00	0.0	0	0 5	20.4	0.4	0.0	0.0	0.0	
VMP-33-20	12/17/2018	1459	0.00	0.00	0.0	0	0 5	20.5	0 2	0.0	0.0	0.0	
VMP-33-20	1/16/2019	1136	0.00	0.00	0.0	0	0.4	20.6	0.4	0.0	0.0	0.0	
VMP-33-20	2/13/2019	1026	-0.12	-0.09	0.0	0	0.4	20.6	0 6	3.1	0.0	3.1	
VMP-33-20	3/20/2019	1130	0.00	0.00	0.0	0	0 3	20.6	0.1	0.0	0.0	0.0	
VMP-33-20	4/22/2019	1129	-0.12	0.00	0.0	0	0 2	20.6	0 5	0.0	0.0	0.0	
VMP-33-20	5/20/2019	1030	-0.54	-0.11	0.0	0	0 2	20.8	0 2	0.0	0.0	0.0	
VMP-33-20	6/19/2019	1010	0.00	0.00	0.0	0	0 2	20.4	0 0	0.0	0.0	0.0	
VMP-33-30	7/16/2018	1143	0.00	0.00	0.0	0	0 5	20.3	0 5	0.0	0.0	0.0	
VMP-33-30	8/22/2018	1207	0.00	0.00	0.0	0	0 6	20.3	0.1	0.0	0.0	0.0	
VMP-33-30	9/18/2018	1042	0.00	0.00	0.0	0	0 8	19.9	0 0	0.0	0.0	0.0	
VMP-33-30	10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP in construction area.
VMP-33-30	11/19/2018	1248	0.00	0.00	0.0	0	0 3	20.6	0 0	0.0	0.0	0.0	
VMP-33-30	12/17/2018	1500	0.00	0.00	0.0	0	0 2	20.7	0 0	0.0	0.0	0.0	
VMP-33-30	1/16/2019	1137	0.00	0.00	0.0	0	0 2	20.8	0 3	0.0	0.0	0.0	
VMP-33-30	2/13/2019	1028	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-33-30-Dup	2/13/2019	1028	NM	NM	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-33-30	3/20/2019	1132	0.00	0.00	0.0	0	0 3	20.6	0.1	0.0	0.0	0.0	
VMP-33-30	4/22/2019	1131	0.00	0.00	0.0	0	0.1	20.7	0 5	0.0	0.0	0.0	
VMP-33-30	5/20/2019	1032	0.00	0.00	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-33-30	6/19/2019	1011	0.00	0.00	0.0	0	0 2	20.7	0 0	0.0	0.0	0.0	
VMP-34-10	7/16/2018	1118	-0.56	-0.45	0.0	0	0 3	20.3	0 8	0.0	0.0	0.0	
VMP-34-10	8/22/2018	1141	-0.60	-0.45	0.0	0	0 3	20.5	0.1	0.0	0.0	0.0	
VMP-34-10	9/18/2018	1022	-0.48	-0.44	0.0	0	0.4	20.3	0 3	0.0	0.0	0.0	
VMP-34-10	10/17/2018	1132	-0.56	-0.54	0.0	0	0 3	20.4	0 0	0.0	0.0	0.0	
VMP-34-10	11/19/2018	1158	-0.52	-0.49	0.0	0	0 2	20.5	0 2	0.0	0.0	0.0	
VMP-34-10	12/17/2018	1434	-0.51	-0.59	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-34-10	1/16/2019	1111	-1.18	-0.87	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-34-10	2/13/2019	1002	-1.03	-1.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-34-10	3/20/2019	1052	-0.34	-0.37	0.0	0	0.1	20.8	0 3	0.0	0.0	0.0	
VMP-34-10	4/22/2019	1103	-0.46	-0.38	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-34-10	5/20/2019	1010	-0.87	-0.85	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-34-10	6/19/2019	1029	-0.34	-0.37	0.0	0	0 2	20.4	0 0	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-34-20	7/16/2018	1119	-0.79	-0.78	0.0	0	2.1	18.3	0 6	0.0	0.0	0.0	
VMP-34-20	8/22/2018	1142	-1.05	-0.84	0.0	0	2.7	18.0	0 2	0.0	0.0	0.0	
VMP-34-20	9/18/2018	1023	-0.84	-0.78	0.0	0	3.1	17.9	0 2	0.0	0.0	0.0	
VMP-34-20	10/17/2018	1133	-1.08	-1.10	0.0	0	3.1	18.1	0 0	0.0	0.0	0.0	
VMP-34-20	11/19/2018	1159	-0.78	-0.72	0.0	0	2 9	18.5	0 2	0.0	0.0	0.0	
VMP-34-20-Dup	11/19/2018	1159	NM	NM	0.0	0	2 9	18.6	0 2	0.0	0.0	0.0	Duplicate sample.
VMP-34-20	12/17/2018	1436	-0.72	-0.83	0.0	0	2 3	19.4	0.1	0.0	0.0	0.0	
VMP-34-20	1/16/2019	1112	-1.56	-1.17	0.0	0	1 6	20.0	0 2	0.0	0.0	0.0	
VMP-34-20	2/13/2019	1004	-1.43	-1.41	0.0	0	1.7	19.7	0 2	0.0	0.0	0.0	
VMP-34-20	3/20/2019	1054	-0.49	-0.58	0.0	0	1 6	20.0	0 3	0.0	0.0	0.0	
VMP-34-20	4/22/2019	1105	-0.72	-0.61	0.0	0	1.4	19.9	0 3	0.0	0.0	0.0	
VMP-34-20	5/20/2019	1012	-1.49	-1.50	0.0	0	1 3	20.1	0 2	0.0	0.0	0.0	
VMP-34-20	6/19/2019	1030	-0.54	-0.58	0.0	0	1 3	19.6	0 0	0.0	0.0	0.0	
VMP-34-30	7/16/2018	1120	-1.00	-0.86	0.0	0	2.7	18.5	0 8	0.0	0.0	0.0	
VMP-34-30	8/22/2018	1143	-1.19	-0.95	0.0	0	2 9	18.2	0 0	0.0	0.0	0.0	
VMP-34-30	9/18/2018	1024	-0.93	-0.88	0.0	0	3 2	17.9	0 2	0.0	0.0	0.0	
VMP-34-30	10/17/2018	1134	-1.24	-1.22	0.0	0	3 2	18.1	0.1	0.0	0.0	0.0	
VMP-34-30	11/19/2018	1200	-0.88	-0.78	0.0	0	3.4	18.2	0.1	0.0	0.0	0.0	
VMP-34-30	12/17/2018	1438	-0.78	-0.97	0.0	0	3.1	18.7	0 0	0.0	0.0	0.0	
VMP-34-30	1/16/2019	1113	-1.68	-1.28	0.0	0	3 0	18.9	0 2	0.0	0.0	0.0	
VMP-34-30	2/13/2019	1006	-1.56	-1.48	0.0	0	3 0	19.0	0 2	0.0	0.0	0.0	
VMP-34-30	3/20/2019	1056	-0.56	-0.64	0.0	0	3 0	19.2	0.4	0.0	0.0	0.0	
VMP-34-30	4/22/2019	1107	-0.84	-0.70	0.0	0	2.7	19.2	0 2	0.0	0.0	0.0	
VMP-34-30	5/20/2019	1014	-1.67	-1.67	0.0	0	2.4	19.7	0 3	0.0	0.0	0.0	
VMP-34-30	6/19/2019	1031	-0.61	-0.73	0.0	0	2 3	19.3	0 0	0.0	0.0	0.0	
VMP-35-10	7/16/2018	1054	-1.31	-1.28	0.0	0	0 0	20.9	0 6	0.0	0.0	0.0	
VMP-35-10	8/22/2018	1120	-1.71	-1.56	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-35-10	9/18/2018	1009	-1.62	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-35-10	10/17/2018	1116	-1.38	-1.37	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-35-10	11/19/2018	1140	-1.40	-1.43	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-35-10	12/17/2018	1357	-1.45	-1.38	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-35-10	1/16/2019	1047	0.00	-1.91	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-35-10	2/13/2019	1051	-1.05	-1.74	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-35-10	3/20/2019	1036	-1.41	-1.44	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-35-10	4/22/2019	1047	-1.77	-1.72	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-35-10	5/20/2019	0942	-2.46	-0.30	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-35-10	6/19/2019	1042	-1.22	-1.70	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-35-20	7/16/2018	1055	-0.61	-0.54	0.0	0	0 0	20.9	0 6	0.0	0.0	0.0	
VMP-35-20	8/22/2018	1121	-0.71	-0.47	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-35-20	9/18/2018	1010	-0.66	-1.52	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-35-20	10/17/2018	1117	-0.50	-0.49	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-35-20	11/19/2018	1141	-0.43	-0.47	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-35-20	12/17/2018	1358	-0.50	-0.44	0.0	0	0 0	20.9	0.4	0.0	0.0	0.0	
VMP-35-20	1/16/2019	1048	-0.88	-0.76	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-35-20	2/13/2019	0932	-0.84	-0.79	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-35-20	3/20/2019	1038	-0.66	-0.63	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-35-20	4/22/2019	1049	-0.78	-0.73	0.0	0	0 0	20.9	0.7	0.0	0.0	0.0	
VMP-35-20	5/20/2019	0944	-1.16	-1.01	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-35-20	6/19/2019	1043	-0.78	-0.59	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-35-30	7/16/2018	1056	-0.31	-0.28	0.0	0	0 0	20.7	0.7	0.0	0.0	0.0	
VMP-35-30	8/22/2018	1122	-0.40	-0.35	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-35-30	9/18/2018	1011	-0.45	-0.41	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-35-30	10/17/2018	1118	-0.35	-0.40	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-35-30	11/19/2018	1142	0.00	-0.40	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-35-30	12/17/2018	1359	-0.35	-0.34	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-35-30	1/16/2019	1049	-0.50	-0.42	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-35-30	2/13/2019	0938	-0.44	-0.42	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-35-30	3/20/2019	1040	-0.37	-0.39	0.0	0	0 0	20.9	0 6	0.0	0.0	0.0	
VMP-35-30	4/22/2019	1051	-0.40	-0.46	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-35-30	5/20/2019	0946	-0.63	-0.60	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-35-30	6/19/2019	1044	-0.42	-0.43	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-36-10	7/16/2018	1012	-0.21	-0.17	0.0	0	0 2	20.6	0 3	0.0	0.0	0.0	
VMP-36-10	8/22/2018	1039	-0.15	-0.13	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-36-10	9/18/2018	0945	0.00	-0.17	0.0	0	0.1	20.8	0 3	0.0	0.0	0.0	
VMP-36-10	10/17/2018	1100	-0.11	-0.14	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-36-10	11/19/2018	1113	-0.17	-0.18	0.0	0	0.1	20.8	0 8	0.0	0.0	0.0	
VMP-36-10	12/17/2018	1345	0.00	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-36-10	1/16/2019	1028	0.00	0.00	0.0	0	0 0	20.9	0 5	0.0	0.0	0.0	
VMP-36-10	2/13/2019	0920	0.00	0.00	0.0	0	0 0	20.9	0 8	0.0	0.0	0.0	
VMP-36-10	3/20/2019	1020	-0.12	0.00	0.0	0	0 0	20.9	0.7	0.0	0.0	0.0	
VMP-36-10-Dup	3/20/2019	1020	NM	NM	0.0	0	0 0	20.9	0.7	0.0	0.0	0.0	Duplicate sample.
VMP-36-10	4/22/2019	1014	0.00	0.00	0.0	0	0 0	20.9	0 5	0.0	0.0	0.0	
VMP-36-10	5/20/2019	0933	-0.24	-0.15	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-36-10	6/19/2019	1109	-0.25	-0.20	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-36-20	7/16/2018	1013	-0.53	-0.50	0.0	0	0 2	20.7	0 6	0.0	0.0	0.0	
VMP-36-20	8/22/2018	1040	-0.40	-0.36	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-36-20	9/18/2018	0946	-0.19	-0.35	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-36-20	10/17/2018	1101	-0.33	-0.33	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-36-20	11/19/2018	1114	-0.75	-0.62	0.0	0	0 0	20.9	0 5	0.0	0.0	0.0	
VMP-36-20	12/17/2018	1346	-0.43	-0.42	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-36-20	1/16/2019	1029	-0.92	-0.87	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-36-20-Dup	1/16/2019	1029	NM	NM	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	Duplicate sample.
VMP-36-20	2/13/2019	0925	-0.65	-0.53	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-36-20	3/20/2019	1024	-0.50	-0.49	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-36-20	4/22/2019	1016	-0.55	-0.49	0.0	0	0 0	20.9	0 5	0.0	0.0	0.0	
VMP-36-20	5/20/2019	0935	-0.72	-0.65	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-36-20	6/19/2019	1110	-0.48	-0.49	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-36-30	7/16/2018	1014	-0.48	-0.43	0.0	0	0 2	20.6	0.4	0.0	0.0	0.0	
VMP-36-30	8/22/2018	1041	-0.41	-0.42	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-36-30	9/18/2018	0947	-0.23	-0.38	0.0	0	0.1	20.6	0.1	0.0	0.0	0.0	
VMP-36-30	10/17/2018	1102	-0.34	-0.27	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-36-30	11/19/2018	1115	-0.75	-0.17	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-36-30	12/17/2018	1347	-0.12	0.00	0.0	0	0 0	20.9	0.4	0.0	0.0	0.0	
VMP-36-30	1/16/2019	1030	-0.27	-0.09	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-36-30	2/13/2019	0930	-0.39	-0.19	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-36-30	3/20/2019	1026	-0.47	-0.36	0.0	0	0 0	20.9	0.4	0.8	0.0	0.8	
VMP-36-30	4/22/2019	1018	-0.57	-0.54	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-36-30	5/20/2019	0937	-0.49	-0.40	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-36-30	6/19/2019	1111	-0.51	-0.52	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-37-10	7/16/2018	0951	-0.47	-0.43	0.0	0	0 8	19.2	0.4	0.0	0.0	0.0	
VMP-37-10	8/22/2018	1023	-0.39	-0.39	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-37-10	9/18/2018	0935	-0.16	-0.26	0.0	0	0 3	20.2	0.1	0.0	0.0	0.0	
VMP-37-10	10/17/2018	1042	-0.34	-0.27	0.0	0	0 3	20.6	0 0	0.0	0.0	0.0	
VMP-37-10	11/19/2018	1042	-1.07	-0.94	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-37-10	12/17/2018	1333	-0.97	-1.03	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-37-10	1/16/2019	0941	-1.67	-1.52	0.0	0	0 0	20.9	0.4	0.0	0.0	0.0	
VMP-37-10	2/13/2019	0905	-1.17	-1.08	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-37-10	3/20/2019	0950	-0.87	-0.76	0.0	0	0 0	20.9	0.4	0.0	0.0	0.0	
VMP-37-10	4/22/2019	0954	-0.94	-0.89	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-37-10	5/20/2019	0926	-1.17	-1.06	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-37-10	6/19/2019	1118	-0.77	-0.82	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-37-20	7/16/2018	0852	-1.31	-1.26	0.1	2	10.8	6 8	25.2	139	10.5	129	
VMP-37-20	8/22/2018	1024	-1.34	-1.33	0.2	4	11.3	7 6	35.7	202	11.4	191	
VMP-37-20	9/18/2018	0936	-0.83	-0.91	0.1	2	11.8	6.7	25.3	168	9.5	159	
VMP-37-20	10/17/2018	1043	-1.14	-0.98	0.1	2	10.8	8 3	22.9	137	36.2	101	
VMP-37-20	11/19/2018	1043	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-37-20	12/17/2018	1334	-2.57	-2.65	0.0	1	4 8	15.8	5 5	33.2	14.6	18.6	
VMP-37-20	1/16/2019	0942	-3.53	-3.38	0.0	1	3 0	17.4	1 5	14.7	5.6	9.1	
VMP-37-20	2/13/2019	0910	-2.85	-2.72	0.0	0	4 8	15.2	2 3	14.6	6.5	8.1	
VMP-37-20	3/20/2019	0952	-2.25	-2.38	0.1	3	3.4	16.6	20.7	134	8.9	125	
VMP-37-20	4/22/2019	0956	-2.69	-3.43	0.5	11	3 3	16.1	100.0	684	12.7	671	
VMP-37-20-Dup	4/22/2019	0956	NM	NM	0.3	6	2 8	16.9	100.0	437	10.6	426	Duplicate sample.
VMP-37-20	5/20/2019	0926	-3.14	-2.95	0.2	4	4 3	15.3	38.9	262	10.4	252	
VMP-37-20	6/19/2019	1119	-2.25	-2.35	0.2	5	5 9	12.6	37.1	325	26.8	298	
VMP-37-30	7/16/2018	0953	-1.76	-1.75	0.0	0	3.7	14.8	0 2	0.0	0.0	0.0	
VMP-37-30	8/22/2018	1025	-1.86	-1.86	0.0	0	4 9	13.6	0.1	0.0	0.0	0.0	
VMP-37-30	9/18/2018	0937	-1.24	-1.35	0.0	0	5.4	13.7	0 2	0.0	0.0	0.0	
VMP-37-30-Dup	9/18/2018	0937	NM	NM	0.0	0	5 5	13.5	0 2	0.0	0.0	0.0	Duplicate sample.
VMP-37-30	10/17/2018	1044	-1.65	-1.52	0.0	0	5 8	13.7	0.1	0.0	0.0	0.0	
VMP-37-30	11/19/2018	1044	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-37-30	12/17/2018	1335	-3.12	-3.21	0.0	0	3.4	16.4	0.4	0.0	0.0	0.0	
VMP-37-30	1/16/2019	0943	-4.19	-4.05	0.0	0	3 3	17.0	1 2	0.0	0.0	0.0	
VMP-37-30	2/13/2019	0915	-3.55	-3.44	0.0	0	4 5	15.2	0.1	0.0	0.0	0.0	
VMP-37-30	3/20/2019	0954	-3.01	-2.90	0.0	0	2 8	18.2	0 2	0.0	0.0	0.0	
VMP-37-30	4/22/2019	0958	-3.49	-2.64	0.0	0	2.7	17.5	0.4	0.0	0.0	0.0	
VMP-37-30	5/20/2019	0928	-3.98	-3.73	0.0	0	2 9	17.4	0 0	0.0	0.0	0.0	
VMP-37-30	6/19/2019	1120	-2.89	-2.95	0.0	0	2 0	18.7	0 0	0.0	0.0	0.0	
VMP-38-10	7/16/2018	0936	-3.36	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water in Tedlar. Sample not screened.
VMP-38-10	8/22/2018	1006	-0.13	-0.09	0.0	0	4 6	14.3	0.1	0.0	0.0	0.0	
VMP-38-10	9/18/2018	0924	0.00	0.00	0.0	0	5 0	14.6	0 3	0.0	0.0	0.0	
VMP-38-10	10/17/2018	0954	0.00	0.00	0.0	0	5 5	14.0	0 0	0.0	0.0	0.0	
VMP-38-10	11/19/2018	1018	-0.24	-0.21	0.0	0	3.1	17.2	0.1	0.0	0.0	0.0	
VMP-38-10	12/17/2018	1309	-1.01	-0.41	0.0	0	0 8	16.4	0 2	0.0	0.0	0.0	
VMP-38-10	1/16/2019	0929	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-38-10	2/13/2019	0854	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-38-10	3/20/2019	0938	0.00	0.00	0.0	0	0 5	20.0	0.4	0.0	0.0	0.0	
VMP-38-10	4/22/2019	0939	0.19	0.00	0.0	0	0 6	19.3	0 3	0.0	0.0	0.0	
VMP-38-10	5/20/2019	0912	-0.19	-0.15	0.0	0	1 3	19.4	0 2	0.0	0.0	0.0	
VMP-38-10	6/19/2019	1128	-0.23	-0.26	0.0	0	1 6	18.9	0 0	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-38-20	7/16/2018	0937	-0.31	-0.29	0.0	0	1.4	17.6	0 3	0.0	0.0	0.0	
VMP-38-20	8/22/2018	1007	-0.33	-0.26	0.0	0	3 0	15.8	0.1	0.0	0.0	0.0	
VMP-38-20	9/18/2018	0925	0.00	0.00	0.0	0	4 2	14.9	0 5	17.2	17.2	0.0	
VMP-38-20	10/17/2018	0955	-0.24	-0.29	0.0	0	5 2	14.2	0 0	0.0	0.0	0.0	
VMP-38-20	11/19/2018	1019	-0.24	-0.18	0.0	0	5 3	15.0	0.4	0.0	0.0	0.0	
VMP-38-20	12/17/2018	1310	-0.12	-0.24	0.0	0	3 5	18.1	0 3	0.0	0.0	0.0	
VMP-38-20	1/16/2019	0930	-0.64	-0.57	0.0	0	2.4	18.9	0.1	0.0	0.0	0.0	
VMP-38-20	2/13/2019	0855	-1.07	-0.63	0.0	0	1.1	19.9	0 5	0.0	0.0	0.0	
VMP-38-20	3/20/2019	0940	0.33	0.00	0.0	0	0.7	20.3	0 5	0.0	0.0	0.0	
VMP-38-20	4/22/2019	0941	-0.56	-0.29	0.0	0	0 6	20.0	0 3	0.0	0.0	0.0	
VMP-38-20	5/20/2019	0914	-0.69	-0.45	0.0	0	0 6	20.1	0 5	0.0	0.0	0.0	
VMP-38-20	6/19/2019	1129	-1.00	-0.77	0.0	0	0 6	20.2	0 0	0.0	0.0	0.0	
VMP-38-27	7/16/2018	0938	-0.30	-0.30	0.0	0	1 3	17.8	0 8	0.0	0.0	0.0	
VMP-38-27	8/22/2018	1008	-0.35	-0.29	0.0	0	2 6	16.1	0.1	0.0	0.0	0.0	
VMP-38-27-Dup	8/22/2018	1008	NM	NM	0.0	0	2 8	15.9	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-38-27	9/18/2018	0926	0.00	0.00	0.0	0	4 3	14.6	0 2	6.3	6.3	0.0	
VMP-38-27	10/17/2018	0956	-0.24	-0.31	0.0	0	5 2	14.1	0 0	0.0	0.0	0.0	
VMP-38-27-Dup	10/17/2018	0956	NM	NM	0.0	0	5 3	14.0	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-38-27	11/19/2018	1020	-0.24	0.00	0.0	0	5 2	15.1	0 5	0.0	0.0	0.0	
VMP-38-27	12/17/2018	1311	0.00	0.00	0.0	0	3 6	18.0	0 0	0.0	0.0	0.0	
VMP-38-27	1/16/2019	0931	-0.64	-0.56	0.0	0	2 5	18.9	0 3	0.0	0.0	0.0	
VMP-38-27	2/13/2019	0900	-1.07	-1.00	0.0	0	1.1	20.3	0 0	0.0	0.0	0.0	
VMP-38-27	3/20/2019	0942	-0.20	-0.14	0.0	0	0.7	20.3	0.4	0.0	0.0	0.0	
VMP-38-27	4/22/2019	0943	-0.37	-0.23	0.0	0	0 3	20.3	0 5	0.0	0.0	0.0	
VMP-38-27	5/20/2019	0916	-0.47	-0.44	0.0	0	0.7	20.1	0 3	0.0	0.0	0.0	
VMP-38-27	6/19/2019	1130	-0.70	-0.95	0.0	0	0 6	20.2	0 0	0.0	0.0	0.0	
VMP-38-27-Dup	6/19/2019	1130	NM	NM	0.0	0	0 5	20.3	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-39-10	7/16/2018	0909	-1.06	-1.07	0.0	0	0.1	20.7	0 3	0.0	0.0	0.0	
VMP-39-10	8/22/2018	0950	-0.20	-0.13	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-39-10	9/18/2018	0915	0.00	0.00	0.0	0	0 2	20.6	0.1	0.0	0.0	0.0	
VMP-39-10	10/17/2018	0944	-0.16	-0.12	0.0	0	0.1	20.9	0 0	0.0	0.0	0.0	
VMP-39-10	11/19/2018	0958	-0.09	0.00	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-39-10	12/17/2018	1258	-0.36	-0.42	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-39-10	1/16/2019	0911	-0.55	-0.53	0.0	0	0 0	20.9	0.4	0.0	0.0	0.0	
VMP-39-10	2/13/2019	0843	-7.74	-1.66	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-39-10-Dup	2/13/2019	0843	NM	NM	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	Duplicate sample.
VMP-39-10	3/20/2019	0924	-0.51	-0.45	0.0	0	0 0	20.8	0.4	0.0	0.0	0.0	
VMP-39-10	4/22/2019	0923	-0.46	-0.48	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-39-10	5/20/2019	0902	-0.42	-0.54	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-39-10	6/19/2019	1140	-1.35	-1.45	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-39-20	7/16/2018	0910	-0.52	-0.52	0.0	0	0.1	20.8	0.7	0.0	0.0	0.0	
VMP-39-20	8/22/2018	0951	-0.13	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-39-20	9/18/2018	0916	0.00	0.00	0.0	0	0.1	20.8	0.1	2.1	2.1	0.0	
VMP-39-20	10/17/2018	0945	0.00	0.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-39-20	11/19/2018	0959	0.00	0.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-39-20	12/17/2018	1259	-0.13	-0.14	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-39-20	1/16/2019	0912	-0.20	0.00	0.0	0	0 0	20.9	0.4	0.0	0.0	0.0	
VMP-39-20	2/13/2019	0848	-0.73	-0.75	0.0	0	0 0	20.8	0 5	0.0	0.0	0.0	
VMP-39-20	3/20/2019	0926	-0.15	-0.16	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-39-20	4/22/2019	0925	-0.19	-0.20	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-39-20	5/20/2019	0904	-0.18	-0.23	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-39-20	6/19/2019	1141	-0.73	-0.74	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-39-30	7/16/2018	0911	-0.38	-0.39	0.0	0	0 0	20.9	0.4	0.0	0.0	0.0	
VMP-39-30-Dup	7/16/2018	0911	NM	NM	0.0	0	0 0	20.9	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-39-30	8/22/2018	0952	0.00	0.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-39-30	9/18/2018	0917	0.00	0.00	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-39-30	10/17/2018	0946	0.00	0.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-39-30	11/19/2018	1000	0.00	0.00	0.0	0	0 0	20.9	0 6	0.0	0.0	0.0	
VMP-39-30	12/17/2018	1301	-0.11	-0.15	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-39-30	1/16/2019	0913	-0.22	-0.19	0.0	0	0 0	20.9	0 6	0.0	0.0	0.0	
VMP-39-30	2/13/2019	0853	-0.68	-0.71	0.0	0	0 0	20.8	0.1	0.0	0.0	0.0	
VMP-39-30	3/20/2019	0928	-0.20	-0.14	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-39-30	4/22/2019	0927	-0.19	-0.11	0.0	0	0 0	20.9	0 5	0.0	0.0	0.0	
VMP-39-30	5/20/2019	0906	-0.12	-0.14	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-39-30	6/19/2019	1142	-0.59	-0.60	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-40-10	7/16/2018	0851	0.00	0.00	0.0	0	0 0	20.9	0 9	0.0	0.0	0.0	
VMP-40-10	8/22/2018	0938	-0.10	0.00	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-40-10	9/18/2018	0906	0.00	0.00	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-40-10	10/17/2018	0925	0.00	0.00	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-40-10	11/19/2018	0940	0.00	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-40-10	12/17/2018	1239	0.00	0.00	0.0	0	0 0	20.9	0 5	0.0	0.0	0.0	
VMP-40-10	1/16/2019	0851	0.00	0.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-40-10	2/13/2019	1058	-0.25	0.00	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-40-10	3/20/2019	0910	-0.13	0.00	0.0	0	0 0	20.9	0 5	0.6	0.6	0.0	
VMP-40-10	4/22/2019	0913	0.00	0.00	0.0	0	0 0	20.9	0 6	1.3	1.3	0.0	
VMP-40-10	5/20/2019	0855	0.00	0.00	0.0	0	0 0	20.9	0 0	0.9	0.9	0.0	
VMP-40-10	6/19/2019	1151	0.00	0.00	0.0	0	0 0	20.7	0.1	0.1	0.1	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-40-20	7/16/2018	0852	-1.92	-1.77	4.9	99	14.3	0 9	112	22860	18130	4730	
VMP-40-20	8/22/2018	0939	-1.35	-1.09	0.0	0	6 5	14.1	0 8	0.0	0.0	0.0	
VMP-40-20	9/18/2018	0907	-1.11	-1.11	0.0	0	6 3	13.2	0 3	0.0	0.0	0.0	
VMP-40-20	10/17/2018	0926	-1.38	-1.26	0.0	0	5.7	14.9	0.1	0.0	0.0	0.0	
VMP-40-20	11/19/2018	0941	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-40-20	12/17/2018	1240	-1.03	-1.90	0.0	0	8 9	10.4	0 3	0.0	0.0	0.0	
VMP-40-20-Dup	12/17/2018	1240	NM	NM	0.0	0	9 5	9 9	0 3	0.0	0.0	0.0	Duplicate sample.
VMP-40-20	1/16/2019	0852	-1.69	-1.62	0.0	0	8 5	11.1	0 3	0.0	0.0	0.0	
VMP-40-20-Dup	1/16/2019	0852	NM	NM	0.0	0	9 2	10.3	0 2	0.0	0.0	0.0	Duplicate sample.
VMP-40-20	2/13/2019	1100	-1.95	-2.17	5.7	OVR	13.9	1 3	47.5	29130	25720	3410	
VMP-40-20	3/20/2019	0912	-1.76	-1.55	50 3	OVR	12.4	2 2	75.9	161000	126000	35000	
VMP-40-20	4/22/2019	0915	-1.30	-1.35	39 3	OVR	11.7	1 6	147	102000	75440	26560	
VMP-40-20-Dup	4/22/2019	0915	NM	NM	42 6	OVR	12.1	1.1	147	105000	75690	29310	Duplicate sample.
VMP-40-20	5/20/2019	0857	-0.83	-1.52	63.7	OVR	12.7	0 6	85.7	186000	141000	45000	
VMP-40-20	6/19/2019	1152	-1.34	-1.35	0.2	4	14.2	2.4	14.2	1510	1270	240	
VMP-40-30	7/16/2018	0853	-0.17	-0.15	0.0	0	0 0	20.9	1.1	0.0	0.0	0.0	
VMP-40-30	8/22/2018	0940	-0.17	-0.11	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-40-30	9/18/2018	0908	0.00	-0.13	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-40-30	10/17/2018	0927	-0.15	0.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-40-30-Dup	10/17/2018	0927	NM	NM	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-40-30	11/19/2018	0942	-0.09	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-40-30	12/17/2018	1245	0.00	0.00	0.0	0	0 0	20.8	0 5	0.0	0.0	0.0	
VMP-40-30	1/16/2019	0853	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-40-30	2/13/2019	1102	0.58	-0.13	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-40-30	3/20/2019	0914	-0.15	-0.13	0.0	0	0 0	20.9	0.4	0.5	0.0	0.5	
VMP-40-30	4/22/2019	0917	0.00	0.00	0.0	0	0 0	20.9	0 5	0.0	0.0	0.0	
VMP-40-30	5/20/2019	0859	0.00	-0.09	0.0	0	0 0	20.9	0.1	1.0	1.0	1.0	
VMP-40-30	6/19/2019	1153	-0.12	-0.16	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-41-10	7/16/2018	0810	0.00	-0.14	0.0	0	0 8	20.1	0.1	0.0	0.0	0.0	
VMP-41-10	8/22/2018	0828	0.00	0.00	0.0	0	0.7	20.3	0 3	0.0	0.0	0.0	
VMP-41-10	9/18/2018	0835	-0.09	0.00	0.0	0	0 8	20.0	0.1	0.0	0.0	0.0	
VMP-41-10	10/17/2018	0838	0.00	0.00	0.0	0	0 6	20.5	0 0	0.0	0.0	0.0	
VMP-41-10	11/19/2018	1007	0.00	0.00	0.0	0	0 3	20.6	0.1	0.0	0.0	0.0	
VMP-41-10	12/18/2018	0943	0.00	0.00	0.0	0	0 2	20.8	0.1	0.0	0.0	0.0	
VMP-41-10	1/16/2019	0801	-0.10	0.00	0.0	0	0 2	20.8	0.1	0.0	0.0	0.0	
VMP-41-10	2/13/2019	0901	0.00	0.00	0.0	0	0.1	20.9	0 0	0.0	0.0	0.0	
VMP-41-10	3/20/2019	1030	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-41-10	4/22/2019	1023	0.00	0.00	0.0	0	0 2	20.5	0 2	0.0	0.0	0.0	
VMP-41-10	5/20/2019	1005	0.00	0.00	0.0	0	0.7	19.9	0.4	0.0	0.0	0.0	
VMP-41-10	6/19/2019	1248	0.00	0.00	0.0	0	1 2	19.7	0 0	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-41-20	7/16/2018	0811	0.00	-0.17	0.0	0	1 2	20.0	0 3	0.0	0.0	0.0	
VMP-41-20	8/22/2018	0829	0.00	0.00	0.0	0	1 0	20.0	0 3	0.0	0.0	0.0	
VMP-41-20	9/18/2018	0840	-0.09	0.00	0.0	0	1 2	19.6	0.1	0.0	0.0	0.0	
VMP-41-20	10/17/2018	0839	-0.11	0.00	0.0	0	1.1	19.9	0.1	0.0	0.0	0.0	
VMP-41-20	11/19/2018	1008	0.00	0.00	0.0	0	0.7	20.3	0 2	0.0	0.0	0.0	
VMP-41-20	12/18/2018	0944	0.00	0.00	0.0	0	0 5	20.5	0 0	0.0	0.0	0.0	
VMP-41-20	1/16/2019	0802	-0.12	0.34	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-41-20	2/13/2019	0902	0.00	0.00	0.0	0	0 3	20.8	0.1	0.0	0.0	0.0	
VMP-41-20	3/20/2019	1031	0.00	0.00	0.0	0	0 2	20.7	0.1	0.0	0.0	0.0	
VMP-41-20	4/22/2019	1024	0.00	0.00	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-41-20	5/20/2019	1006	0.00	0.00	0.0	0	0.4	20.1	0 2	0.0	0.0	0.0	
VMP-41-20	6/19/2019	1249	0.00	0.00	0.0	0	0 8	19.5	0 0	0.0	0.0	0.0	
VMP-41-26	7/16/2018	0812	-0.09	-0.18	0.0	0	1 0	19.7	0 2	0.0	0.0	0.0	
VMP-41-26-Dup	7/16/2018	0812	NM	NM	0.0	0	1.1	19.5	0 2	0.0	0.0	0.0	Duplicate sample.
VMP-41-26	8/22/2018	0830	0.00	0.00	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	Ambient air inadvertently introduced to sample.
VMP-41-26-Dup	8/22/2018	0830	NM	NM	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	Duplicate sample.
VMP-41-26	8/23/2018	1238	0.00	NM	0.0	0	1 2	19.6	0 5	0.0	0.0	0.0	Re-sample.
VMP-41-26	9/18/2018	0845	-0.09	0.00	0.0	0	1 2	19.4	0 0	0.0	0.0	0.0	
VMP-41-26	10/17/2018	0840	-0.10	0.00	0.0	0	1.4	19.7	0 0	0.0	0.0	0.0	
VMP-41-26	11/19/2018	1009	0.00	0.00	0.0	0	1.1	20.0	0.1	0.0	0.0	0.0	
VMP-41-26	12/18/2018	0945	0.00	0.00	0.0	0	1 0	20.2	0 0	0.0	0.0	0.0	
VMP-41-26	1/16/2019	0803	-0.12	0.00	0.0	0	0.7	20.4	0 3	0.0	0.0	0.0	
VMP-41-26-Dup	1/16/2019	0803	NM	NM	0.0	0	0 8	20.4	0 2	0.0	0.0	0.0	Duplicate sample.
VMP-41-26	2/13/2019	0904	0.00	0.00	0.0	0	0.7	20.4	0 0	0.0	0.0	0.0	
VMP-41-26-Dup	2/13/2019	0904	NM	NM	0.0	0	0.7	20.4	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-41-26	3/20/2019	1032	0.00	0.00	0.0	0	0 6	20.5	0.1	0.0	0.0	0.0	
VMP-41-26	4/22/2019	1025	0.00	0.00	0.0	0	0.4	20.4	0.1	0.0	0.0	0.0	
VMP-41-26	5/20/2019	1007	0.00	0.00	0.0	0	0 5	20.1	0 2	0.0	0.0	0.0	
VMP-41-26	6/19/2019	1250	0.00	0.00	0.0	0	0 6	19.7	0 0	0.0	0.0	0.0	
VMP-42-10	7/17/2018	0906	0.00	0.00	0.0	0	1.7	19.3	0.4	0.0	0.0	0.0	
VMP-42-10	8/23/2018	1213	0.00	0.00	0.0	0	1 6	19.5	0 0	0.0	0.0	0.0	
VMP-42-10	9/19/2018	0836	-0.10	0.00	0.0	0	1.4	19.4	0.4	0.0	0.0	0.0	
VMP-42-10	10/18/2018	1050	0.00	0.00	0.0	0	1 2	20.0	0 0	0.0	0.0	0.0	
VMP-42-10	11/20/2018	1234	0.00	0.00	0.0	0	0.7	20.2	0 0	0.0	0.0	0.0	
VMP-42-10	12/17/2018	0848	-0.09	0.00	0.0	0	0.4	20.6	0 0	0.0	0.0	0.0	
VMP-42-10	1/17/2019	1120	0.00	0.00	0.0	0	0 3	20.6	0 2	0.0	0.0	0.0	
VMP-42-10	2/14/2019	0904	0.00	0.00	0.0	0	0 3	20.6	0 0	0.0	0.0	0.0	
VMP-42-10	3/21/2019	1040	-0.13	0.00	0.0	0	0 2	20.5	0.1	0.0	0.0	0.0	
VMP-42-10	4/23/2019	0942	0.00	-0.14	0.0	0	0 3	20.4	0.1	0.0	0.0	0.0	
VMP-42-10	5/20/2019	1530	0.00	0.00	0.0	0	0 8	20.1	0 0	0.0	0.0	0.0	
VMP-42-10	6/20/2019	0942	0.00	0.00	0.0	0	1 3	19.5	0 0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-42-20	7/17/2018	0907	-0.29	-0.28	0.0	0	2 8	18.1	0 5	0.0	0.0	0.0	
VMP-42-20	8/23/2018	1214	-0.17	-0.14	0.0	0	3 2	18.4	0 0	0.0	0.0	0.0	
VMP-42-20	9/19/2018	0837	-0.34	-0.26	0.0	0	2 9	18.3	0 2	0.0	0.0	0.0	
VMP-42-20	10/18/2018	1051	-0.25	-0.16	0.0	0	2.7	19.1	0 0	0.0	0.0	0.0	
VMP-42-20	11/20/2018	1235	-0.22	-0.14	0.0	0	1 8	19.6	0.1	0.0	0.0	0.0	
VMP-42-20	12/17/2018	0850	-0.39	-0.11	0.0	0	1 2	20.0	0 2	0.0	0.0	0.0	
VMP-42-20	1/17/2019	1121	-0.26	-0.11	0.0	0	1 0	20.2	0.1	0.0	0.0	0.0	
VMP-42-20	2/14/2019	0906	-0.19	-0.23	0.0	0	0 8	20.2	0 0	0.0	0.0	0.0	
VMP-42-20-Dup	2/14/2019	0906	NM	NM	0.0	0	0 8	20.2	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-42-20	3/21/2019	1042	-0.36	-0.32	0.0	0	0.7	20.2	0 2	0.0	0.0	0.0	
VMP-42-20	4/23/2019	0944	-0.45	-0.40	0.0	0	0 6	20.0	0.1	0.0	0.0	0.0	
VMP-42-20-Dup	4/23/2019	0944	NM	NM	0.0	0	0 6	20.1	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-42-20	5/20/2019	1532	-0.28	-0.27	0.0	0	1 0	19.5	0 0	0.0	0.0	0.0	
VMP-42-20	6/20/2019	0943	-0.65	-0.34	0.0	0	1 8	18.7	0 0	0.0	0.0	0.0	
VMP-42-30	7/17/2018	0908	-0.78	-0.73	0.0	0	1 8	19.0	0 5	0.0	0.0	0.0	
VMP-42-30	8/23/2018	1215	-0.52	-0.42	0.0	0	2 3	18.5	0.1	0.0	0.0	0.0	
VMP-42-30	9/19/2018	0838	-0.89	-0.82	0.0	0	2 6	18.6	0 3	0.0	0.0	0.0	
VMP-42-30	10/18/2018	1052	-0.69	-0.52	0.0	0	2 5	19.2	0 0	0.0	0.0	0.0	
VMP-42-30	11/20/2018	1236	-0.60	-0.44	0.0	0	2 6	19.1	0.1	0.0	0.0	0.0	
VMP-42-30	12/17/2018	0852	-0.98	-0.52	0.0	0	1 3	20.1	0 9	0.0	0.0	0.0	
VMP-42-30	1/17/2019	1122	-0.72	-0.60	0.0	0	1 3	20.1	0.1	0.0	0.0	0.0	
VMP-42-30	2/14/2019	0908	-0.44	-0.27	0.0	0	1 2	20.0	0 2	0.0	0.0	0.0	
VMP-42-30	3/21/2019	1044	-0.94	-0.88	0.0	0	1 0	20.1	0 2	0.0	0.0	0.0	
VMP-42-30	4/23/2019	0946	0.00	-1.02	0.0	0	0 8	20.2	0.1	0.0	0.0	0.0	
VMP-42-30	5/20/2019	1534	-0.71	-0.79	0.0	0	0 9	20.1	0.1	0.0	0.0	0.0	
VMP-42-30	6/20/2019	0944	-0.94	-0.79	0.0	0	1.1	19.1	0 0	0.0	0.0	0.0	
VMP-43-10	7/17/2018	1007	-1.18	-3.51	0.0	0	0 3	20.4	2 3	2.8	2.8	0.0	
VMP-43-10	8/23/2018	1128	-4.06	-4.01	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-43-10	9/19/2018	1027	-4.51	-4.46	0.0	0	0 2	20.5	1 0	0.0	0.0	0.0	
VMP-43-10	10/18/2018	1058	-3.53	-3.49	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-43-10	11/20/2018	1000	-3.98	-3.95	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-43-10	12/17/2018	0844	-3.77	-3.52	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-43-10	1/17/2019	1153	-4.62	-4.40	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-43-10	2/14/2019	1052	-3.91	-3.84	0.0	0	0 0	20.8	0 6	2.6	0.0	2.6	
VMP-43-10	3/21/2019	0959	-3.89	-3.82	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-43-10	4/23/2019	1043	-4.90	-4.75	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-43-10	5/21/2019	1003	-5.28	-5.05	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-43-10	6/20/2019	0842	-4.22	-4.30	0.0	0	0.1	20.7	0 0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-43-20	7/17/2018	1008	-5.30	-5.26	0.0	0	0 5	20.2	1 3	0.0	0.0	0.0	
VMP-43-20	8/23/2018	1129	-7.00	-6.96	0.0	0	0 2	20.8	0 2	0.0	0.0	0.0	
VMP-43-20	9/19/2018	1028	-7.51	-7.46	0.0	0	0 2	20.6	0 5	0.0	0.0	0.0	
VMP-43-20	10/18/2018	1059	-6.18	-6.09	0.0	0	0.1	20.9	0.1	0.0	0.0	0.0	
VMP-43-20	11/20/2018	1001	-6.42	-6.38	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-43-20	12/17/2018	0845	-5.66	-5.40	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-43-20	1/17/2019	1154	-6.69	-6.10	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-43-20	2/14/2019	1054	-5.76	-5.71	0.0	0	0.1	20.8	0 3	0.0	0.0	0.0	
VMP-43-20	3/21/2019	0958	-6.03	-5.95	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-43-20	4/23/2019	1045	-7.71	-7.64	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-43-20	5/21/2019	1004	-8.29	-8.27	0.0	0	0 2	20.7	0 0	0.0	0.0	0.0	
VMP-43-20	6/20/2019	0843	-7.14	-7.27	0.0	0	0.1	20.6	0 0	0.0	0.0	0.0	
VMP-43-30	7/17/2018	1009	-7.00	-7.78	0.0	0	1 0	19.8	2 5	0.0	0.0	0.0	
VMP-43-30	8/23/2018	1130	-12 25	-12.19	0.5	10	2 0	18.1	29.6	1045	503	542	Re-sampled due to elevated THC.
VMP-43-30	8/23/2018	1415	-12 26	NM	0.2	4	0 8	19.7	11.9	438	203	235	Re-sample.
VMP-43-30	9/19/2018	1029	-12 69	-12.72	0.3	7	2 2	17.7	31.7	486	95.6	390	
VMP-43-30	10/18/2018	1100	-10.17	-10.45	0.0	0	1 5	19.3	6 3	110	56.6	53.4	
VMP-43-30-Dup	10/18/2018	1100	NM	NM	0.0	0	1 5	19.3	6 3	110	56.1	53.9	Duplicate sample.
VMP-43-30	11/20/2018	1002	-10 67	-10.51	0.0	0	0 8	20.0	0 2	0.0	0.0	0.0	
VMP-43-30	12/17/2018	0846	-8.23	-8.66	0.0	0	0 3	20.7	0 3	0.0	0.0	0.0	
VMP-43-30-Dup	12/17/2018	0846	NM	NM	0.0	0	0 3	20.7	0 3	0.0	0.0	0.0	Duplicate sample.
VMP-43-30	1/17/2019	1155	-10.76	-9.25	0.0	0	0 6	20.2	0 3	0.0	0.0	0.0	
VMP-43-30	2/14/2019	1056	-9.47	-9.39	0.6	12	2 6	16.6	24.7	836	180	656	
VMP-43-30	3/21/2019	0959	-8.96	-8.82	0.0	0	0.7	20.3	0 2	0.0	0.0	0.0	
VMP-43-30	4/23/2019	1047	-12 07	-11.86	0.0	0	1 8	18.8	0.1	9.4	9.4	0.0	
VMP-43-30	5/21/2019	1005	-13 39	-13.36	0.0	0	0.7	20.2	0 0	0.0	0.0	0.0	
VMP-43-30	6/20/2019	0844	-11.16	-11.74	0.0	0	0 8	20.1	0 0	0.0	0.0	0.0	
VMP-44-10	7/17/2018	0850	0.00	0.00	0.0	0	1 0	19.6	0 6	0.0	0.0	0.0	
VMP-44-10	8/23/2018	1015	0.00	0.00	0.0	0	0 9	19.8	0.1	0.0	0.0	0.0	
VMP-44-10	9/19/2018	1132	0.00	0.00	0.0	0	0 8	19.8	0 2	0.0	0.0	0.0	
VMP-44-10	10/18/2018	0936	0.00	0.00	0.0	0	0 8	20.0	0 0	0.0	0.0	0.0	
VMP-44-10	11/20/2018	0840	0.00	0.00	0.0	0	0 3	20.6	0 2	0.0	0.0	0.0	
VMP-44-10	12/17/2018	1026	0.00	0.00	0.0	0	0 2	20.8	0.1	0.0	0.0	0.0	
VMP-44-10	1/17/2019	0942	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-44-10	2/14/2019	1104	0.00	0.00	0.0	0	0 2	20.6	0.1	0.0	0.0	0.0	
VMP-44-10	3/21/2019	0841	0.00	0.00	0.0	0	0.1	20.8	0 3	0.0	0.0	0.0	
VMP-44-10	4/23/2019	1250	0.00	0.00	0.0	0	0.1	20.6	0 2	0.0	0.0	0.0	
VMP-44-10	5/21/2019	1102	0.00	0.00	0.0	0	0 6	20.0	0 8	0.0	0.0	0.0	
VMP-44-10	6/20/2019	1106	0.00	0.00	0.0	0	0 9	19.6	0 0	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-44-20	7/17/2018	0851	0.00	0.00	0.0	0	1.1	19.5	0 3	0.0	0.0	0.0	
VMP-44-20	8/23/2018	1016	0.00	0.00	0.0	0	1 5	19.2	0.1	0.0	0.0	0.0	
VMP-44-20	9/19/2018	1133	-0.55	-0.10	0.0	0	0 9	19.7	0 3	0.0	0.0	0.0	
VMP-44-20	10/18/2018	0937	0.00	0.00	0.0	0	1.1	19.9	0 0	0.0	0.0	0.0	
VMP-44-20	11/20/2018	0841	-0.13	-0.37	0.0	0	0 5	20.4	0.1	0.0	0.0	0.0	
VMP-44-20	12/17/2018	1027	1.11	-0.09	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-44-20	1/17/2019	0943	-0.13	-0.34	0.0	0	0 2	20.7	0.1	0.0	0.0	0.0	
VMP-44-20	2/14/2019	1106	0.00	0.00	0.0	0	0 2	20.6	0.1	0.0	0.0	0.0	
VMP-44-20-Dup	2/14/2019	1106	NM	NM	0.0	0	0 3	20.6	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-44-20	3/21/2019	0842	-0.11	0.00	0.0	0	0 3	20.5	0 2	0.0	0.0	0.0	
VMP-44-20	4/23/2019	1252	0.00	0.00	0.0	0	0 5	20.2	0 2	0.0	0.0	0.0	
VMP-44-20	5/21/2019	1103	0.00	0.00	0.0	0	0.7	19.9	0.4	0.0	0.0	0.0	
VMP-44-20	6/20/2019	1107	0.00	0.00	0.0	0	0 8	19.6	0 0	0.0	0.0	0.0	
VMP-44-30	7/17/2018	0852	0.00	0.00	0.0	0	0.7	20.1	0.7	0.0	0.0	0.0	
VMP-44-30-Dup	7/17/2018	0852	NM	NM	0.0	0	0.7	20.0	0.7	0.0	0.0	0.0	Duplicate sample.
VMP-44-30	8/23/2018	1017	0.00	0.00	0.0	0	0 5	20.4	0.1	0.0	0.0	0.0	
VMP-44-30	9/19/2018	1034	0.00	0.00	0.0	0	0 3	20.4	0 3	0.0	0.0	0.0	
VMP-44-30-Dup	9/19/2018	1034	NM	NM	0.0	0	0 3	20.4	0 3	0.0	0.0	0.0	Duplicate sample.
VMP-44-30	10/18/2018	0938	0.00	0.00	0.0	0	0.4	20.5	0 0	0.0	0.0	0.0	
VMP-44-30-Dup	10/18/2018	0938	NM	NM	0.0	0	0.4	20.5	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-44-30	11/20/2018	0842	0.10	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-44-30	12/17/2018	1028	0.00	0.00	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-44-30	1/17/2019	0944	0.00	0.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-44-30-Dup	1/17/2019	0944	NM	NM	0.0	0	0.1	20.9	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-44-30	2/14/2019	1107	0.00	0.00	0.0	0	0.1	20.7	0 2	0.0	0.0	0.0	
VMP-44-30	3/21/2019	0843	0.00	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-44-30	4/23/2019	1254	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-44-30	5/21/2019	1104	0.00	0.00	0.0	0	0 6	20.2	0 3	0.0	0.0	0.0	
VMP-44-30	6/20/2019	1108	0.00	0.00	0.0	0	0.7	19.7	0 0	0.0	0.0	0.0	
VMP-45-10	7/16/2018	1439	0.00	0.00	0.0	0	0.7	20.3	0.4	0.0	0.0	0.0	
VMP-45-10	8/23/2018	0913	0.00	0.00	0.0	0	0.7	20.4	0.1	0.0	0.0	0.0	
VMP-45-10	9/19/2018	1235	0.00	0.00	0.0	0	0 6	20.1	0 2	0.0	0.0	0.0	
VMP-45-10	10/17/2018	1423	0.00	0.00	0.0	0	0 5	20.6	0 0	0.0	0.0	0.0	
VMP-45-10	11/19/2018	1440	0.00	0.00	0.0	0	0 2	20.7	0.1	0.0	0.0	0.0	
VMP-45-10	12/17/2018	1232	0.00	0.00	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-45-10	1/17/2019	0820	-0.11	-0.11	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-45-10	2/14/2019	0916	0.00	0.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-45-10	3/20/2019	1337	-0.10	0.00	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-45-10	4/23/2019	1335	0.00	0.00	0.0	0	0.1	20.7	0.1	0.0	0.0	0.0	
VMP-45-10	5/21/2019	1025	0.00	-0.10	0.0	0	0 2	20.6	0 2	0.0	0.0	0.0	
VMP-45-10	6/20/2019	1001	0.00	-0.09	0.0	0	0 3	20.6	0.1	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-45-20	7/16/2018	1440	0.00	0.00	0.0	0	0 8	19.8	0 0	0.0	0.0	0.0	
VMP-45-20	8/23/2018	0914	0.00	0.00	0.0	0	0 8	20.1	0.1	0.0	0.0	0.0	
VMP-45-20	9/19/2018	1236	0.00	0.00	0.0	0	0.7	20.0	0 3	0.0	0.0	0.0	
VMP-45-20	10/17/2018	1424	0.00	0.00	0.0	0	0 8	20.4	0 0	0.0	0.0	0.0	
VMP-45-20	11/19/2018	1441	0.00	0.00	0.0	0	0 3	20.7	0.1	0.0	0.0	0.0	
VMP-45-20	12/17/2018	1233	0.00	0.00	0.0	0	0 2	20.7	0.1	0.0	0.0	0.0	
VMP-45-20	1/17/2019	0821	-0.11	-0.11	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-45-20	2/14/2019	0917	0.00	0.00	0.0	0	0.1	20.9	0 0	0.0	0.0	0.0	
VMP-45-20	3/20/2019	1338	-0.11	0.00	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-45-20	4/23/2019	1337	0.00	0.00	0.0	0	0 2	20.7	0.1	0.0	0.0	0.0	
VMP-45-20	5/21/2019	1026	0.00	-0.11	0.0	0	0 3	20.6	0.4	0.0	0.0	0.0	
VMP-45-20	6/20/2019	1002	-0.09	-0.11	0.0	0	0 2	20.6	0 0	0.0	0.0	0.0	
VMP-45-30	7/16/2018	1441	0.00	0.00	0.0	0	1 8	19.0	0.1	0.0	0.0	0.0	
VMP-45-30	8/23/2018	0915	0.00	0.00	0.0	0	2 2	18.6	0 2	0.0	0.0	0.0	
VMP-45-30	9/19/2018	1237	0.00	0.00	0.0	0	2.1	18.4	0 2	0.0	0.0	0.0	
VMP-45-30-Dup	9/19/2018	1237	NM	NM	0.0	0	2 2	18.4	0 2	0.0	0.0	0.0	Duplicate sample.
VMP-45-30	10/17/2018	1425	0.00	0.00	0.0	0	2.4	18.8	0 0	0.0	0.0	0.0	
VMP-45-30	11/19/2018	1442	-0.21	0.00	0.0	0	1.4	19.2	0.1	0.0	0.0	0.0	
VMP-45-30	12/17/2018	1234	-0.21	-0.14	0.0	0	1 0	20.1	0 2	0.0	0.0	0.0	
VMP-45-30	1/17/2019	0822	-0.33	-0.36	0.0	0	0 6	20.4	0.1	0.0	0.0	0.0	
VMP-45-30	2/14/2019	0918	0.00	0.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-45-30	3/20/2019	1339	0.00	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-45-30	4/23/2019	1339	0.00	0.00	0.0	0	0 2	20.6	0.1	0.0	0.0	0.0	
VMP-45-30	5/21/2019	1027	0.00	0.00	0.0	0	0.1	20.8	0 3	0.0	0.0	0.0	
VMP-45-30	6/20/2019	1003	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-45-30-Dup	6/20/2019	1003	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-46-10	7/16/2018	1129	-0.13	-0.11	0.0	0	0.4	20.4	0.4	4.8	4.8	0.0	
VMP-46-10	8/22/2018	1154	-0.18	-0.10	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-46-10	9/18/2018	1031	-0.10	-0.15	0.0	0	0.1	20.1	0 3	0.0	0.0	0.0	
VMP-46-10	10/17/2018	1146	-0.16	-0.22	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-46-10	11/19/2018	1227	-0.17	-0.14	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-46-10	12/17/2018	1445	-0.14	-0.15	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-46-10	1/16/2019	1125	-0.36	-0.22	0.0	0	0 0	20.7	0 3	0.4	0.4	0.0	
VMP-46-10	2/13/2019	1012	-0.29	-0.44	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-46-10	3/20/2019	1112	-0.10	-0.09	0.0	0	0 0	20.8	0 3	0.0	0.0	0.0	
VMP-46-10	4/22/2019	1117	0.00	0.00	0.0	0	0 0	20.9	0 8	0.0	0.0	0.0	
VMP-46-10	5/20/2019	1018	-0.35	-0.30	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-46-10	6/19/2019	1020	0.00	0.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-46-20	7/16/2018	1130	-0.11	-0.20	0.0	0	0 6	18.3	0 6	4.5	4.5	0.0	
VMP-46-20	8/22/2018	1155	-0.23	-0.13	0.0	0	0.1	20.7	0 0	0.0	0.0	0.0	
VMP-46-20	9/18/2018	1032	-0.11	-0.20	0.0	0	0.1	20.7	0 3	0.0	0.0	0.0	
VMP-46-20	10/17/2018	1147	-0.20	-0.26	0.0	0	0 0	20.7	0 0	0.0	0.0	0.0	
VMP-46-20	11/19/2018	1228	-0.20	-0.15	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-46-20	12/17/2018	1448	-0.19	-0.18	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-46-20	1/16/2019	1126	-0.37	-0.27	0.0	0	0.1	20.5	0 0	0.0	0.0	0.0	
VMP-46-20	2/13/2019	1014	-0.31	-0.27	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-46-20	3/20/2019	1114	-0.09	-0.10	0.0	0	0 0	20.7	0.1	0.0	0.0	0.0	
VMP-46-20-Dup	3/20/2019	1114	NM	NM	0.0	0	0 0	20.7	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-46-20	4/22/2019	1119	0.00	-0.10	0.0	0	0 0	20.8	0.4	0.0	0.0	0.0	
VMP-46-20	5/20/2019	1020	-0.36	-0.32	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-46-20	6/19/2019	1021	0.00	-0.10	0.0	0	0 3	20.4	0 0	0.0	0.0	0.0	
VMP-46-30	7/16/2018	1131	-0.23	-0.22	0.0	0	0 8	19.7	0.7	1.0	1.0	0.0	
VMP-46-30	8/22/2018	1156	-0.26	-0.17	0.0	0	0 6	20.3	0 3	0.0	0.0	0.0	
VMP-46-30	9/18/2018	1033	-0.15	-0.17	0.0	0	0 5	20.3	0.1	0.0	0.0	0.0	
VMP-46-30	10/17/2018	1148	-0.24	-0.28	0.0	0	0 3	20.5	0.1	0.0	0.0	0.0	
VMP-46-30	11/19/2018	1229	-0.22	-0.20	0.0	0	0.4	20.4	0 2	0.0	0.0	0.0	
VMP-46-30	12/17/2018	1449	-0.18	-0.18	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-46-30	1/16/2019	1127	-0.47	-0.27	0.0	0	0.1	20.6	0.1	0.0	0.0	0.0	
VMP-46-30	2/13/2019	1016	0.00	-0.34	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-46-30	3/20/2019	1118	-0.11	-0.12	0.0	0	0 0	20.6	0 2	0.0	0.0	0.0	
VMP-46-30	4/22/2019	1121	0.00	0.00	0.0	0	0.1	20.7	0 5	0.0	0.0	0.0	
VMP-46-30	5/20/2019	1022	-0.36	-0.41	0.0	0	0.1	20.9	0.1	0.0	0.0	0.0	
VMP-46-30	6/19/2019	1022	0.00	-0.23	0.0	0	0 2	20.4	0 0	0.0	0.0	0.0	
VMP-47-5	7/16/2018	1537	0.00	0.00	0.0	0	1 5	19.5	0 3	0.0	0.0	0.0	
VMP-47-5	8/22/2018	1000	0.00	0.00	0.0	0	0 8	20.1	0 0	0.0	0.0	0.0	
VMP-47-5	9/18/2018	1339	0.00	0.00	0.0	0	0 2	20.5	0.1	0.0	0.0	0.0	
VMP-47-5	10/18/2018	0845	0.00	0.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-47-5	11/20/2018	1036	0.00	0.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-47-5	12/15/2018	1100	0.00	-0.13	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-47-5	1/17/2019	0909	-0.10	0.00	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-47-5	2/13/2019	1416	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-47-5	3/21/2019	0840	-0.15	-0.14	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-47-5	4/23/2019	0813	-0.16	-0.14	0.0	0	0 6	20.5	0.1	0.0	0.0	0.0	
VMP-47-5	5/20/2019	1352	-0.17	-0.22	0.0	0	0.4	20.6	0 5	0.0	0.0	0.0	
VMP-47-5	6/19/2019	1526	-0.14	-0.15	0.0	0	0 6	20.1	0.1	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-47-10	7/16/2018	1538	0.00	-0.24	0.0	0	1 5	19.8	0 0	0.0	0.0	0.0	
VMP-47-10	8/23/2018	1001	-0.26	-0.27	0.0	0	0 9	20.0	0.1	0.0	0.0	0.0	
VMP-47-10	9/18/2018	1340	-0.15	-0.26	0.0	0	0.7	20.1	0.1	0.0	0.0	0.0	
VMP-47-10	10/18/2018	0846	-0.30	-0.21	0.0	0	0.4	20.6	0 0	0.0	0.0	0.0	
VMP-47-10	11/20/2018	1037	-0.32	-0.29	0.0	0	0 2	20.7	0 0	0.0	0.0	0.0	
VMP-47-10	12/18/2018	1101	-0.23	-0.18	0.0	0	0.1	20.7	0.1	0.0	0.0	0.0	
VMP-47-10	1/17/2019	0910	-0.30	-0.30	0.0	0	0 3	20.7	0.1	0.0	0.0	0.0	
VMP-47-10	2/13/2019	1418	-0.20	-0.18	0.0	0	0 3	20.7	0 2	0.0	0.0	0.0	
VMP-47-10	3/21/2019	0842	-0.32	-0.38	0.0	0	0 2	20.8	0.1	0.0	0.0	0.0	
VMP-47-10	4/23/2019	0815	-0.43	-0.41	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-47-10	5/20/2019	1354	-0.46	-0.49	0.0	0	0.4	20.3	0.7	0.0	0.0	0.0	
VMP-47-10	6/19/2019	1527	-0.27	-0.13	0.0	0	0 6	20.2	0 0	0.0	0.0	0.0	
VMP-47-20	7/16/2018	1539	-2.76	-2.85	0.0	0	1 2	19.9	0 3	0.0	0.0	0.0	
VMP-47-20	8/23/2018	1002	-3.31	-3.34	0.0	0	0 8	20.0	0 0	0.0	0.0	0.0	
VMP-47-20	9/18/2018	1341	-2.96	-3.05	0.0	0	0.7	20.1	0 2	0.0	0.0	0.0	
VMP-47-20	10/18/2018	0847	-3.50	-3.25	0.0	0	0.4	20.7	0 0	0.0	0.0	0.0	
VMP-47-20	11/20/2018	1038	-3.41	-3.35	0.0	0	0 3	20.7	0.1	0.0	0.0	0.0	
VMP-47-20	12/15/2018	1102	-2.80	-2.66	0.0	0	0.1	20.7	0 0	0.0	0.0	0.0	
VMP-47-20	1/17/2019	0911	-4.32	-3.38	0.0	0	0 2	20.8	0 2	0.0	0.0	0.0	
VMP-47-20	2/13/2019	1420	-2.80	-2.25	0.0	0	0 2	20.8	0.1	0.0	0.0	0.0	
VMP-47-20	3/21/2019	0844	-0.67	-3.58	0.0	0	0 2	20.8	0.1	0.0	0.0	0.0	
VMP-47-20	4/23/2019	0817	-3.84	-3.73	0.0	0	0 3	20.6	0 3	0.0	0.0	0.0	
VMP-47-20	5/20/2019	1356	-3.74	-3.90	0.0	0	0.4	20.5	0 5	0.0	0.0	0.0	
VMP-47-20	6/19/2019	1528	-2.43	-2.73	0.0	0	0 6	20.1	0 0	0.0	0.0	0.0	
VMP-47-30	7/16/2018	1540	-3.67	-3.78	0.0	0	1 5	19.4	0 2	0.0	0.0	0.0	
VMP-47-30	8/23/2018	1003	-4.42	-4.49	0.0	0	1 3	19.6	0 0	0.0	0.0	0.0	
VMP-47-30-Dup	8/23/2018	1003	NM	NM	0.0	0	1.4	19.3	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-47-30	9/18/2018	1342	-4.00	-4.19	0.0	0	1 2	19.5	0.1	0.0	0.0	0.0	
VMP-47-30	10/18/2018	0848	-4.70	-4.38	0.0	0	1.1	20.1	0 0	0.0	0.0	0.0	
VMP-47-30-Dup	10/18/2018	0848	NM	NM	0.0	0	1.1	20.1	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-47-30	11/20/2018	1039	-7.80	-4.50	0.0	0	0 8	20.1	0.1	0.0	0.0	0.0	
VMP-47-30	12/18/2018	1103	-3.80	-3.60	0.0	0	0 5	20.4	0.1	0.0	0.0	0.0	
VMP-47-30	1/17/2019	0912	-4.44	-4.53	0.0	0	0 6	20.5	0 2	0.0	0.0	0.0	
VMP-47-30	2/13/2019	1422	-3.07	-3.03	0.0	0	0 6	20.4	0.1	0.0	0.0	0.0	
VMP-47-30	3/21/2019	0846	-4.89	-4.79	0.0	0	0 5	20.5	0 2	0.0	0.0	0.0	
VMP-47-30	4/23/2019	0819	-5.05	-4.91	0.0	0	0 6	0 3	0.4	0.0	0.0	0.0	
VMP-47-30	5/20/2019	1358	-4.32	-4.86	0.0	0	0 6	20.0	0 6	0.0	0.0	0.0	
VMP-47-30	6/19/2019	1529	-3.16	-3.60	0.0	0	1.1	19.4	0 0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-48-5	7/17/2018	0825	0.00	0.00	0.0	0	0 0	20.9	0.4	0.0	0.0	0.0	Ambient air inadvertenly introduced into sample.
VMP-48-5	7/17/2018	1245	0.00	NM	0.0	0	6 9	12.7	0 3	0.0	0.0	0.0	Re-sample.
VMP-48-5	8/23/2018	1123	0.00	0.00	0.0	0	5 5	15.3	0 2	0.0	0.0	0.0	
VMP-48-5	9/19/2018	0804	0.00	0.00	0.0	0	5 3	14.9	0 0	0.0	0.0	0.0	
VMP-48-5	10/18/2018	1004	0.00	0.00	0.0	0	3.1	19.1	0 0	0.0	0.0	0.0	
VMP-48-5	11/20/2018	1241	0.00	0.00	0.0	0	2 5	19.0	0.1	0.0	0.0	0.0	
VMP-48-5	12/17/2018	0940	0.00	0.00	0.0	0	1 8	17.1	0 2	0.0	0.0	0.0	
VMP-48-5	1/17/2019	1042	0.00	0.00	0.0	0	0 9	19.3	0.1	0.0	0.0	0.0	
VMP-48-5	2/14/2019	0838	0.00	0.00	0.0	0	0 6	18.7	0 2	0.0	0.0	0.0	
VMP-48-5	3/21/2019	1016	0.00	0.00	0.0	0	1 2	19.4	0 2	0.0	0.0	0.0	
VMP-48-5	4/23/2019	0858	0.00	0.00	0.0	0	2 0	17.8	0 2	0.0	0.0	0.0	
VMP-48-5	5/20/2019	1515	0.00	0.00	0.0	0	3 6	15.4	0 0	1.5	1.5	0.0	
VMP-48-5	6/20/2019	1025	0.00	0.00	0.0	0	5 5	14.1	0 0	0.0	0.0	0.0	
VMP-48-10	7/17/2018	0826	0.00	0.00	0.0	0	4 3	15.6	0.4	0.0	0.0	0.0	
VMP-48-10	8/23/2018	1124	0.00	0.00	0.0	0	5 6	15.5	0.1	0.0	0.0	0.0	
VMP-48-10	9/19/2018	0805	0.00	0.00	0.0	0	5.7	14.9	0 3	0.0	0.0	0.0	
VMP-48-10	10/18/2018	1005	0.00	0.00	0.0	0	4.4	16.6	0.1	0.0	0.0	0.0	
VMP-48-10	11/20/2018	1242	0.00	0.00	0.0	0	4.7	17.2	0.1	0.0	0.0	0.0	
VMP-48-10	12/17/2018	0942	0.00	0.00	0.0	0	3 6	17.6	0.1	0.0	0.0	0.0	
VMP-48-10	1/17/2019	1043	0.00	0.00	0.0	0	2.7	18.7	0 2	0.0	0.0	0.0	
VMP-48-10	2/14/2019	0840	-0.24	0.00	0.0	0	2.4	18.7	0 0	0.0	0.0	0.0	
VMP-48-10	3/21/2019	1018	-0.09	0.00	0.0	0	2 0	19.2	0 2	0.0	0.0	0.0	
VMP-48-10	4/23/2019	0900	0.00	0.00	0.0	0	2.1	18.6	0 2	0.0	0.0	0.0	
VMP-48-10-Dup	4/23/2019	0900	NM	NM	0.0	0	2.1	19.0	0 2	0.0	0.0	0.0	Duplicate sample.
VMP-48-10	5/20/2019	1517	0.00	0.00	0.0	0	2 8	17.5	0 0	0.0	0.0	0.0	
VMP-48-10	6/20/2019	1026	0.00	0.00	0.0	0	3.4	16.5	0 0	0.0	0.0	0.0	
VMP-48-20	7/17/2018	0827	-0.69	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	8/23/2018	1125	0.00	0.00	0.0	0	3 9	16.0	0 2	0.0	0.0	0.0	
VMP-48-20	9/19/2018	0806	0.00	0.00	0.0	0	4 6	15.9	0 3	0.0	0.0	0.0	
VMP-48-20	10/18/2018	1006	0.00	0.00	0.0	0	5 3	15.8	0 0	0.0	0.0	0.0	
VMP-48-20	11/20/2018	1243	0.00	0.00	0.0	0	5.1	16.7	0 0	0.0	0.0	0.0	
VMP-48-20	12/17/2018	0943	0.00	0.00	0.0	0	4 2	17.7	0 2	0.0	0.0	0.0	
VMP-48-20	1/17/2019	1044	0.00	0.00	0.0	0	3 8	18.3	0 2	0.0	0.0	0.0	
VMP-48-20-Dup	1/17/2019	1044	NM	NM	0.0	0	3 5	18.4	0 2	0.0	0.0	0.0	Duplicate sample.
VMP-48-20	2/14/2019	0842	-0.25	0.00	0.0	0	3 3	18.3	0 2	0.0	0.0	0.0	
VMP-48-20	3/21/2019	1019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	4/23/2019	0902	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	5/20/2019	1518	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	6/20/2019	1027	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-48-30	7/17/2018	0828	-0.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-30	8/23/2018	1126	-0.21	0.00	0.0	0	6 9	15.8	0.1	0.0	0.0	0.0	
VMP-48-30-Dup	8/23/2018	1126	NM	NM	0.0	0	6 8	15.8	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-48-30	9/19/2018	0807	-0.42	-0.43	0.0	0	6 9	15.4	0.4	0.0	0.0	0.0	
VMP-48-30	10/18/2018	1007	-0.42	0.00	0.0	0	6 6	15.4	0 0	0.0	0.0	0.0	
VMP-48-30	11/20/2018	1244	-0.18	-0.15	0.0	0	6 6	15.3	0 0	0.0	0.0	0.0	
VMP-48-30	12/17/2018	0944	-0.37	-0.09	0.0	0	6 2	15.7	0.1	0.0	0.0	0.0	
VMP-48-30	1/17/2019	1045	-0.46	-0.12	0.0	0	6 2	15.9	0 5	0.0	0.0	0.0	
VMP-48-30	2/14/2019	0844	-0.33	0.00	0.0	0	7 0	15.3	0 2	0.0	0.0	0.0	
VMP-48-30	3/21/2019	1020	-0.53	-0.47	0.0	0	6 9	15.8	0 5	0.0	0.0	0.0	
VMP-48-30	4/23/2019	0904	0.55	-0.55	0.0	0	6 6	16.4	0 3	0.0	0.0	0.0	
VMP-48-30	5/20/2019	1519	-0.28	-0.37	0.0	0	6.4	16.7	0 0	0.0	0.0	0.0	
VMP-48-30	6/20/2019	1028	-0.46	-0.46	0.0	0	5 8	16.7	0 0	0.0	0.0	0.0	
VMP-49-5	7/17/2018	1007	-0.95	-0.46	0.0	0	0.7	20.2	0.7	0.0	0.0	0.0	
VMP-49-5	8/23/2018	1248	-0.42	-0.89	0.0	0	0 6	20.4	0.1	0.0	0.0	0.0	
VMP-49-5	9/19/2018	0925	-1.04	-1.09	0.0	0	0 6	20.3	0 6	0.0	0.0	0.0	
VMP-49-5	10/18/2018	1114	-0.74	-0.71	0.0	0	0 3	20.5	0 0	0.0	0.0	0.0	
VMP-49-5	11/20/2018	1150	-0.73	-0.75	0.0	0	0 2	20.8	0 0	0.0	0.0	0.0	
VMP-49-5	12/17/2018	1040	-0.71	-0.71	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-49-5	1/17/2019	1157	-1.06	-0.94	0.0	0	0.1	20.7	0.1	0.0	0.0	0.0	
VMP-49-5	2/14/2019	1010	-0.92	-0.99	0.0	0	0.1	20.9	0.1	0.0	0.0	0.0	
VMP-49-5	3/21/2019	1036	-1.12	-1.05	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-49-5	4/23/2019	1003	-1.59	-1.53	0.0	0	0 5	20.4	0 2	0.0	0.0	0.0	
VMP-49-5	5/21/2019	0901	-1.48	-1.51	0.0	0	0 6	20.3	0 0	4.3	4.3	4.3	
VMP-49-5	6/20/2019	0924	-1.26	-1.12	0.0	0	0 9	20.0	0 0	0.0	0.0	0.0	
VMP-49-10	7/17/2018	1008	-0.72	-0.73	0.0	0	1 5	18.6	0 8	0.0	0.0	0.0	
VMP-49-10	8/23/2018	1249	-0.68	-0.62	0.0	0	1.1	19.8	0.1	0.0	0.0	0.0	
VMP-49-10	9/19/2018	0926	-0.75	-0.77	0.0	0	1 0	19.8	0.4	0.0	0.0	0.0	
VMP-49-10	10/18/2018	1115	-0.52	-0.52	0.0	0	0 6	20.4	0 0	0.0	0.0	0.0	
VMP-49-10	11/20/2018	1151	-0.53	-0.56	0.0	0	0 2	20.8	0.1	0.0	0.0	0.0	
VMP-49-10	12/17/2018	1041	-0.56	-0.56	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-49-10	1/17/2019	1158	-0.87	-0.76	0.0	0	0.1	20.7	0 2	0.0	0.0	0.0	
VMP-49-10	2/14/2019	1012	-0.87	-0.76	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-49-10	3/21/2019	1037	-0.93	-0.90	0.0	0	0 2	20.7	0 2	0.0	0.0	0.0	
VMP-49-10	4/23/2019	1005	-1.31	-1.24	0.0	0	0 6	20.2	0.1	0.0	0.0	0.0	
VMP-49-10	5/21/2019	0902	-1.32	-1.34	0.0	0	1.7	19.5	0 0	0.0	0.0	0.0	
VMP-49-10	6/20/2019	0925	0.00	0.00	0.0	0	1 8	19.3	0.1	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-49-20	7/17/2018	1009	0.00	0.00	0.0	0	1 8	18.3	0.7	0.0	0.0	0.0	
VMP-49-20	8/23/2018	1250	0.00	0.00	0.0	0	1 0	19.8	0.1	0.0	0.0	0.0	
VMP-49-20	9/19/2018	0927	0.00	0.00	0.0	0	0 9	20.0	0 3	0.0	0.0	0.0	
VMP-49-20	10/18/2018	1116	0.00	0.00	0.0	0	0 5	20.6	0 0	0.0	0.0	0.0	
VMP-49-20	11/20/2018	1152	0.00	0.00	0.0	0	0.1	20.9	0 0	0.0	0.0	0.0	
VMP-49-20	12/17/2018	1042	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-49-20	1/17/2019	1159	-0.09	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-49-20	2/14/2019	1014	0.00	0.00	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-49-20	3/21/2019	1038	-0.09	-0.09	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-49-20	4/23/2019	1007	-0.09	-0.09	0.0	0	0 6	20.1	0 2	0.0	0.0	0.0	
VMP-49-20	5/21/2019	0903	-0.15	-0.13	0.0	0	1 6	19.8	0 0	0.0	0.0	0.0	
VMP-49-20	6/20/2019	0926	-3.82	-3.55	0.0	0	1.7	19.2	0 0	0.0	0.0	0.0	
VMP-49-30	7/17/2018	1010	-2.81	-2.79	0.0	0	1 0	19.8	1.1	0.0	0.0	0.0	
VMP-49-30	8/23/2018	1251	-3.11	-3.02	0.0	0	2 3	17.3	0 0	0.0	0.0	0.0	
VMP-49-30	9/19/2018	0928	-3.57	-3.58	0.0	0	0.7	20.0	0.4	0.0	0.0	0.0	
VMP-49-30	10/18/2018	1117	-2.78	-2.69	0.0	0	0.4	20.6	0 0	0.0	0.0	0.0	
VMP-49-30	11/20/2018	1153	-2.93	-2.76	0.0	0	0 3	20.6	0 0	0.0	0.0	0.0	
VMP-49-30	12/17/2018	1043	-3.06	-2.39	0.0	0	0 3	20.6	0.1	0.0	0.0	0.0	
VMP-49-30	1/17/2019	1200	-3.26	-2.74	0.0	0	0 3	20.5	0.1	0.0	0.0	0.0	
VMP-49-30	2/14/2019	1016	-2.73	-2.53	0.0	0	2 3	18.1	0 0	0.0	0.0	0.0	
VMP-49-30	3/21/2019	1039	-3.04	-2.92	0.0	0	0 3	20.6	0.1	0.0	0.0	0.0	
VMP-49-30	4/23/2019	1009	-4.08	-3.93	0.0	0	0 6	20.1	0.1	0.0	0.0	0.0	
VMP-49-30	5/21/2019	0904	-3.81	-4.07	0.0	0	12.7	6.4	0 0	0.0	0.0	0.0	
VMP-49-30	6/20/2019	0927	-3.82	-3.55	0.0	0	1.1	19.4	0 0	0.0	0.0	0.0	
VMP-50-5	7/17/2018	0932	0.00	0.00	0.0	0	1 0	9.1	0.7	0.0	0.0	0.0	
VMP-50-5	8/23/2018	1104	0.00	0.00	0.0	0	8 2	11.5	0.1	0.0	0.0	0.0	
VMP-50-5	9/19/2018	1119	0.00	0.00	0.0	0	8 0	11.6	0 2	0.0	0.0	0.0	
VMP-50-5	10/16/2018	1439	0.00	NM	0.0	0	5 8	15.3	0 0	0.0	0.0	0.0	
VMP-50-5	10/18/2018	0904	-0.13	0.00	0.0	0	1 6	20.0	1.1	4.3	0.0	4.3	
VMP-50-5	11/20/2018	0928	0.00	0.00	0.0	0	0 2	20.8	0 2	0.0	0.0	0.0	
VMP-50-5	12/17/2018	1000	0.00	0.00	0.0	0	0 0	20.9	0.4	0.0	0.0	0.0	
VMP-50-5	1/17/2019	1026	-0.10	0.00	0.0	0	0 2	20.7	0 0	0.0	0.0	0.0	
VMP-50-5	2/14/2019	1122	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-50-5	3/21/2019	0910	-0.10	0.00	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-50-5	4/23/2019	1233	0.00	0.00	0.0	0	0 6	20.3	0 2	0.0	0.0	0.0	
VMP-50-5	5/21/2019	1107	0.00	0.00	0.0	0	0 9	19.7	0 6	0.0	0.0	0.0	
VMP-50-5	6/20/2019	1124	0.00	0.00	0.0	0	1.4	19.5	0 0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-50-10	7/17/2018	0933	0.00	0.00	0.0	0	9 6	9.1	0 5	0.0	0.0	0.0	
VMP-50-10	8/23/2018	1105	0.00	0.00	0.0	0	8 0	12.1	0 0	0.0	0.0	0.0	
VMP-50-10	9/19/2018	1120	0.00	0.00	0.0	0	7 6	12.3	0 2	0.0	0.0	0.0	
VMP-50-10	10/16/2018	1500	0.00	NM	0.0	0	6 9	14.2	0 0	0.0	0.0	0.0	
VMP-50-10	10/18/2018	0905	-0.33	-0.23	0.0	0	3 9	18.5	0 0	0.0	0.0	0.0	
VMP-50-10	11/20/2018	0929	-0.26	-0.28	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-50-10	12/17/2018	1001	-0.16	-0.25	0.0	0	0.1	20.8	0 3	0.0	0.0	0.0	
VMP-50-10	1/17/2019	1027	-0.40	-0.32	0.0	0	0 2	20.8	0.1	0.0	0.0	0.0	
VMP-50-10	2/14/2019	1123	-0.39	-0.38	0.0	0	0.1	20.7	0.1	0.0	0.0	0.0	
VMP-50-10	3/21/2019	0911	-0.29	-0.27	0.0	0	0 2	20.7	0.1	0.0	0.0	0.0	
VMP-50-10	4/23/2019	1235	-0.32	-0.29	0.0	0	0 3	20.6	0.1	0.0	0.0	0.0	
VMP-50-10	5/21/2019	1108	-0.25	-0.25	0.0	0	1 9	19.8	0 8	0.0	0.0	0.0	
VMP-50-10	6/20/2019	1125	-0.12	-0.13	0.0	0	1 6	19.1	0.1	0.0	0.0	0.0	
VMP-50-20	7/17/2018	0934	0.00	-0.12	0.0	0	5.7	12.6	0 5	0.0	0.0	0.0	
VMP-50-20	8/23/2018	1106	0.00	0.00	0.0	0	5 9	13.2	0.1	0.0	0.0	0.0	
VMP-50-20	9/19/2018	1121	0.00	0.00	0.0	0	6 2	13.5	0 3	0.0	0.0	0.0	
VMP-50-20	10/16/2018	1445	0.00	NM	0.0	0	6 8	13.9	0 0	0.0	0.0	0.0	
VMP-50-20	10/18/2018	0906	-2.10	-2.50	0.0	0	4.4	17.9	0 0	0.0	0.0	0.0	
VMP-50-20	11/20/2018	0930	-2.37	-2.39	0.0	0	0 5	20.5	0 2	0.0	0.0	0.0	
VMP-50-20	12/17/2018	1002	-2.19	-2.17	0.0	0	0 3	20.7	0.1	0.0	0.0	0.0	
VMP-50-20	1/17/2019	1028	-3.31	-3.09	0.0	0	0 3	20.7	0 2	0.0	0.0	0.0	
VMP-50-20	2/14/2019	1124	-3.01	-2.99	0.0	0	0 2	20.6	0 2	0.0	0.0	0.0	
VMP-50-20	3/21/2019	0912	-4.23	-1.52	0.0	0	0 2	20.7	0 2	0.0	0.0	0.0	
VMP-50-20	4/23/2019	1237	-1.80	-1.75	0.0	0	0 5	20.4	0.1	0.0	0.0	0.0	
VMP-50-20	5/21/2019	1109	-1.18	-1.22	0.0	0	0.7	20.1	0 8	0.0	0.0	0.0	
VMP-50-20	6/20/2019	1126	-0.82	-0.80	0.0	0	1 5	19.1	0.1	0.0	0.0	0.0	
VMP-50-30	7/17/2018	0935	-3.50	-3.39	0.0	0	2.4	18.2	8.1	109	1.4	108	
VMP-50-30	8/23/2018	1107	-3.70	-3.51	0.1	2	2 2	18.5	20.4	127	2.7	124	
VMP-50-30	9/19/2018	1122	-3.72	-3.55	0.1	3	2.4	18.2	26.7	144	4.9	139	
VMP-50-30	10/16/2018	1452	-2.79	NM	0.0	0	1 8	19.2	13.3	73.2	0.0	73.2	
VMP-50-30	10/18/2018	0907	-3.54	-3.35	0.1	2	1 8	19.0	18.8	107	0.4	107	
VMP-50-30	11/20/2018	0931	-4.16	-4.11	0.1	2	2 0	19.1	14.2	85.7	1.8	83.9	
VMP-50-30	12/17/2018	1003	-3.60	-3.68	0.1	2	1.7	19.5	13.9	81.6	3.9	77.7	
VMP-50-30	1/17/2019	1029	-4.37	-4.12	0.1	2	1 5	19.6	13.4	116	3.9	112	
VMP-50-30	2/14/2019	1125	-3.14	-3.04	0.1	2	1 5	19.3	10.2	104	5.4	98.6	
VMP-50-30	3/21/2019	0913	-1.55	-4.17	0.0	1	1.4	19.7	10.4	66.7	5.9	60.8	
VMP-50-30	4/23/2019	1239	-4.42	-4.23	0.0	0	1 3	19.4	6 8	66.5	1.8	64.7	
VMP-50-30	5/21/2019	1110	-4.69	-4.74	0.0	1	1 5	19.5	13.3	95.6	2.3	93.3	
VMP-50-30-Dup	5/21/2019	1110	NM	NM	0.1	2	1 6	19.4	13.3	135	2.9	132	Duplicate sample.
VMP-50-30	6/20/2019	1127	-4.10	-4.65	0.1	2	1 8	19.0	18.4	129	7.6	121	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-51-5	7/17/2018	0828	0.00	0.00	0.0	0	1 3	19.3	0 5	0.0	0.0	0.0	
VMP-51-5	8/23/2018	0954	-0.21	0.00	0.0	0	1 0	19.8	0.1	0.0	0.0	0.0	
VMP-51-5	9/19/2018	1200	0.00	0.00	0.0	0	0 3	20.5	0 6	0.0	0.0	0.0	
VMP-51-5	10/17/2018	1443	-0.20	0.00	0.0	0	0.4	20.7	0 0	0.0	0.0	0.0	
VMP-51-5	11/20/2018	0811	0.00	0.00	0.0	0	0 2	20.7	0 0	0.0	0.0	0.0	
VMP-51-5-Dup	11/20/2018	0811	NM	NM	0.0	0	0 2	20.7	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-51-5	12/17/2018	1215	0.00	-0.10	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-51-5	1/17/2019	0917	0.00	0.00	0.0	0	0 3	20.6	0.1	0.0	0.0	0.0	
VMP-51-5	2/14/2019	0941	0.00	0.09	0.0	0	0 2	20.8	0 0	0.0	0.0	0.0	
VMP-51-5	3/21/2019	0822	-0.11	-0.10	0.0	0	0.1	20.8	0 8	0.0	0.0	0.0	
VMP-51-5	4/23/2019	1318	0.00	0.00	0.0	0	0 3	20.7	0 0	0.0	0.0	0.0	
VMP-51-5	5/21/2019	1043	0.00	0.00	0.0	0	1.4	19.5	0 6	0.0	0.0	0.0	
VMP-51-5	6/20/2019	1027	0.00	-0.09	0.0	0	1 0	19.9	0 0	0.0	0.0	0.0	
VMP-51-10	7/17/2018	0829	0.00	0.00	0.0	0	2 2	18.3	0 2	0.0	0.0	0.0	
VMP-51-10	8/23/2018	0955	0.00	0.00	0.0	0	1 6	19.3	0.1	0.0	0.0	0.0	
VMP-51-10	9/19/2018	1201	0.00	0.00	0.0	0	1.7	19.3	0 3	0.0	0.0	0.0	
VMP-51-10	10/17/2018	1444	-0.09	0.00	0.0	0	1 2	19.9	0 0	0.0	0.0	0.0	
VMP-51-10	11/20/2018	0812	-0.16	-0.18	0.0	0	0.4	20.5	0 0	0.0	0.0	0.0	
VMP-51-10	12/17/2018	1216	-0.09	0.00	0.0	0	0 3	20.6	0.1	0.0	0.0	0.0	
VMP-51-10	1/17/2019	0918	-0.17	-0.18	0.0	0	0 2	20.6	0.1	0.0	0.0	0.0	
VMP-51-10	2/14/2019	0942	0.00	-0.10	0.0	0	0 3	20.7	0.1	0.0	0.0	0.0	
VMP-51-10	3/21/2019	0823	-0.25	-0.22	0.0	0	0 2	20.7	0 0	0.0	0.0	0.0	
VMP-51-10	4/23/2019	1320	0.00	-0.15	0.0	0	0 6	20.3	0.1	0.0	0.0	0.0	
VMP-51-10	5/21/2019	1044	0.00	-0.12	0.0	0	1 6	19.5	0 5	0.0	0.0	0.0	
VMP-51-10	6/20/2019	1028	0.00	-0.18	0.0	0	1 6	19.1	0 0	0.0	0.0	0.0	
VMP-51-20	7/17/2018	0830	-0.26	-0.29	0.0	0	2 0	18.6	0 0	0.0	0.0	0.0	
VMP-51-20	8/23/2018	0956	-0.19	-0.18	0.0	0	1 9	19.1	0 0	0.0	0.0	0.0	
VMP-51-20	9/19/2018	1202	-0.17	-0.15	0.0	0	2 3	18.5	0 2	0.0	0.0	0.0	
VMP-51-20	10/17/2018	1445	-0.16	0.00	0.0	0	2 3	19.2	0 0	0.0	0.0	0.0	
VMP-51-20	11/20/2018	0813	-0.44	-0.47	0.0	0	1 5	19.8	0.1	0.0	0.0	0.0	
VMP-51-20	12/17/2018	1217	-0.24	-0.41	0.0	0	0 8	20.3	0 2	0.0	0.0	0.0	
VMP-51-20	1/17/2019	0919	-0.44	-0.47	0.0	0	0.4	20.5	0.1	0.0	0.0	0.0	
VMP-51-20	2/14/2019	0943	0.11	-0.35	0.0	0	0 5	20.4	0.1	0.0	0.0	0.0	
VMP-51-20	3/21/2019	0824	-0.37	-0.55	0.0	0	0.4	20.5	0 2	0.0	0.0	0.0	
VMP-51-20	4/23/2019	1322	-0.26	-0.44	0.0	0	0.4	20.2	0.1	0.0	0.0	0.0	
VMP-51-20	5/21/2019	1045	-0.29	-0.32	0.0	0	0.7	19.8	0 6	0.0	0.0	0.0	
VMP-51-20	6/20/2019	1029	-0.30	-0.48	0.0	0	1.1	19.2	0 0	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-51-30	7/17/2018	0831	-0.27	-0.31	0.0	0	1.7	18.5	0 2	0.0	0.0	0.0	
VMP-51-30	8/23/2018	0957	-0.21	-0.23	0.0	0	2 3	18.5	0.1	0.0	0.0	0.0	
VMP-51-30-Dup	8/23/2018	0957	NM	NM	0.0	0	2 3	18.5	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-51-30	9/19/2018	1203	-0.19	-0.16	0.0	0	2.4	18.3	0 3	0.0	0.0	0.0	
VMP-51-30	10/17/2018	1446	-0.18	-0.15	0.0	0	2 3	19.1	0 0	0.0	0.0	0.0	
VMP-51-30	11/20/2018	0814	-0.45	-0.49	0.0	0	2 3	19.0	0.1	0.0	0.0	0.0	
VMP-51-30	12/17/2018	1218	-0.23	-0.20	0.0	0	1.7	19.6	0.1	0.0	0.0	0.0	
VMP-51-30	1/17/2019	0920	-0.46	-0.49	0.0	0	1.1	19.9	0.1	0.0	0.0	0.0	
VMP-51-30	2/14/2019	0944	-0.18	-0.26	0.0	0	1.1	20.0	0 0	0.0	0.0	0.0	
VMP-51-30	3/21/2019	0825	-0.60	-0.57	0.0	0	1.1	20.0	0 2	0.0	0.0	0.0	
VMP-51-30	4/23/2019	1324	-0.37	-0.45	0.0	0	0 9	19.9	0.1	0.0	0.0	0.0	
VMP-51-30	5/21/2019	1046	-0.16	-0.39	0.0	0	1 0	19.6	0.4	0.0	0.0	0.0	
VMP-51-30	6/20/2019	1030	-0.34	-0.50	0.0	0	1 2	18.7	0 0	0.0	0.0	0.0	
VMP-52-5	7/16/2018	1422	0.00	0.00	0.0	0	4 0	14.7	0 0	0.0	0.0	0.0	
VMP-52-5	8/23/2018	0900	0.00	0.00	0.0	0	4.7	16.6	0 2	0.0	0.0	0.0	
VMP-52-5	9/19/2018	1251	0.00	0.00	0.0	0	4 3	15.6	0 3	0.0	0.0	0.0	
VMP-52-5	10/17/2018	1404	0.00	0.00	0.0	0	2.7	19.5	0 0	0.0	0.0	0.0	
VMP-52-5	11/19/2018	1426	0.00	0.00	0.0	0	0 8	20.2	0.1	0.0	0.0	0.0	
VMP-52-5	12/17/2018	1303	0.00	0.00	0.0	0	0 6	20.4	0 0	0.0	0.0	0.0	
VMP-52-5	1/17/2019	0804	0.00	0.00	0.0	0	0 6	20.3	0 0	0.0	0.0	0.0	
VMP-52-5	2/14/2019	0857	0.00	0.00	0.0	0	0.4	20.1	0 0	0.0	0.0	0.0	
VMP-52-5	3/20/2019	1323	0.00	0.00	0.0	0	0 5	20.2	0.4	0.0	0.0	0.0	
VMP-52-5	4/23/2019	1421	0.00	0.00	0.0	0	1 2	18.3	0.1	0.0	0.0	0.0	
VMP-52-5	5/21/2019	1008	0.00	0.00	0.0	0	4.1	12.3	0.1	0.0	0.0	0.0	
VMP-52-5	6/20/2019	0906	0.00	0.00	0.0	0	4 0	16.7	0 0	0.0	0.0	0.0	
VMP-52-10	7/16/2018	1423	0.00	0.00	0.0	0	2.7	15.1	0 2	0.0	0.0	0.0	
VMP-52-10	8/23/2018	0901	0.00	0.00	0.0	0	3 8	14.4	0 2	0.0	0.0	0.0	
VMP-52-10	9/19/2018	1252	0.00	0.00	0.0	0	4 2	14.3	0 3	0.0	0.0	0.0	
VMP-52-10	10/17/2018	1405	0.00	0.00	0.0	0	4 3	16.1	0 0	0.0	0.0	0.0	
VMP-52-10	11/19/2018	1427	-0.12	0.00	0.0	0	4 2	16.7	0 0	0.0	0.0	0.0	
VMP-52-10	12/17/2018	1304	-0.18	-0.26	0.0	0	3 2	18.3	0.1	0.0	0.0	0.0	
VMP-52-10	1/17/2019	0805	0.00	0.00	0.0	0	1.4	18.9	0 2	0.0	0.0	0.0	
VMP-52-10	2/14/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-52-10	3/20/2019	1324	0.00	0.00	0.0	0	0.4	19.8	0 3	0.0	0.0	0.0	
VMP-52-10	4/23/2019	1423	0.00	0.00	0.0	0	1 0	18.0	0.1	0.0	0.0	0.0	
VMP-52-10	5/21/2019	1009	0.00	0.00	0.0	0	3 2	3 9	0 0	0.0	0.0	0.0	
VMP-52-10	6/20/2019	0907	0.00	0.00	0.0	0	4 2	14.5	0 0	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-52-20	7/16/2018	1424	0.00	0.00	0.0	0	2 0	18.1	0 2	0.0	0.0	0.0	
VMP-52-20	8/23/2018	0902	0.00	0.00	0.0	0	2.4	17.1	0.1	0.0	0.0	0.0	
VMP-52-20	9/19/2018	1253	0.00	0.00	0.0	0	2 8	16.4	0 2	0.0	0.0	0.0	
VMP-52-20	10/17/2018	1406	0.00	0.00	0.0	0	3 5	15.9	0 0	0.0	0.0	0.0	
VMP-52-20	11/19/2018	1428	0.00	0.00	0.0	0	3.7	15.4	0.1	0.0	0.0	0.0	
VMP-52-20	12/17/2018	1305	0.00	0.00	0.0	0	4 2	15.7	0.1	0.0	0.0	0.0	
VMP-52-20	1/17/2019	0806	0.23	-0.19	0.0	0	3 9	16.6	0 3	0.0	0.0	0.0	
VMP-52-20	2/14/2019	0859	-0.22	-0.29	0.0	0	2 5	19.0	0 2	0.0	0.0	0.0	
VMP-52-20	3/20/2019	1325	0.00	0.00	0.0	0	2 0	19.2	0 5	0.0	0.0	0.0	
VMP-52-20	4/23/2019	1425	-0.15	-0.31	0.0	0	2.7	18.6	0 3	0.0	0.0	0.0	
VMP-52-20	5/21/2019	1010	0.00	0.00	0.0	0	2.7	18.5	0 3	0.0	0.0	0.0	
VMP-52-20	6/20/2019	0908	-0.72	-0.61	0.0	0	1 8	18.6	0 0	0.0	0.0	0.0	
VMP-52-30	7/16/2018	1425	0.00	0.00	0.0	0	2 3	18.0	0 0	0.0	0.0	0.0	
VMP-52-30-Dup	7/16/2018	1425	NM	NM	0.0	0	2 2	17.9	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-52-30	8/23/2018	0903	0.00	0.00	0.0	0	2 6	16.8	0 2	0.0	0.0	0.0	
VMP-52-30	9/19/2018	1254	0.00	0.00	0.0	0	2 9	16.3	0.1	0.0	0.0	0.0	
VMP-52-30	10/17/2018	1407	0.00	0.00	0.0	0	3.4	16.0	0 0	0.0	0.0	0.0	
VMP-52-30	11/19/2018	1429	0.00	0.00	0.0	0	3 8	15.3	0 3	0.0	0.0	0.0	
VMP-52-30	12/17/2018	1306	0.00	0.00	0.0	0	4 3	15.5	0.1	0.0	0.0	0.0	
VMP-52-30	1/17/2019	0807	-0.13	-0.27	0.0	0	4 3	16.2	0.1	0.0	0.0	0.0	
VMP-52-30	2/14/2019	0900	-0.20	-0.25	0.0	0	3 3	18.3	0.1	0.0	0.0	0.0	
VMP-52-30	3/20/2019	1326	0.00	0.00	0.0	0	2.7	18.9	0 2	0.0	0.0	0.0	
VMP-52-30	4/23/2019	1427	-0.13	0.00	0.0	0	3 0	18.4	0.4	0.0	0.0	0.0	
VMP-52-30	5/21/2019	1011	0.00	0.00	0.0	0	2 6	18.5	0.4	0.0	0.0	0.0	
VMP-52-30	6/20/2019	0909	-0.71	-0.61	0.0	0	1 9	18.6	0 0	0.0	0.0	0.0	
VMP-53-5	7/16/2018	1203	0.00	0.00	0.0	0	2 3	18.4	0 6	0.0	0.0	0.0	
VMP-53-5	8/22/2018	1318	0.00	0.00	0.0	0	2.1	19.3	0.1	0.0	0.0	0.0	
VMP-53-5	9/18/2018	1335	0.00	0.00	0.0	0	2 0	19.0	0 3	0.0	0.0	0.0	
VMP-53-5	10/17/2018	1134	0.00	0.00	0.0	0	1 3	19.9	0 2	0.0	0.0	0.0	
VMP-53-5	11/19/2018	1255	0.00	0.00	0.0	0	0 6	20.4	0.1	0.0	0.0	0.0	
VMP-53-5	12/17/2018	1436	0.00	0.00	0.0	0	0.4	20.5	0.1	1.2	1.2	0.0	
VMP-53-5	1/16/2019	1241	0.00	0.00	0.0	0	0 3	20.7	0.1	0.0	0.0	0.0	
VMP-53-5	2/13/2019	1310	0.00	0.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-53-5	3/20/2019	1209	0.00	0.00	0.0	0	0 2	20.7	0 3	0.0	0.0	0.0	
VMP-53-5	4/24/2019	0826	0.00	0.00	0.0	0	0.7	20.1	0 2	0.0	0.0	0.0	Re-sampled due to elevated concentrations.
VMP-53-5	4/24/2019	1215	NM	NM	0.0	0	0 8	20.1	0 2	1.2	0.0	1.2	Re-sample.
VMP-53-5	5/21/2019	0826	0.00	0.00	0.0	0	1.4	19.5	0.4	0.0	0.0	0.0	
VMP-53-5	6/19/2019	1423	0.00	0.00	0.0	0	1.7	19.6	0.1	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-53-10	7/16/2018	1204	0.00	0.00	0.0	0	1.7	19.2	0.7	0.0	0.0	0.0	
VMP-53-10	8/22/2018	1319	0.00	0.00	0.0	0	1 9	19.4	0.1	0.0	0.0	0.0	
VMP-53-10	9/18/2018	1338	0.00	0.00	0.0	0	1 8	19.1	0 2	0.0	0.0	0.0	
VMP-53-10	10/17/2018	1135	0.00	0.00	0.0	0	1 3	19.8	0 2	0.0	0.0	0.0	
VMP-53-10	11/19/2018	1256	0.00	0.00	0.0	0	0.7	20.3	0.4	0.0	0.0	0.0	
VMP-53-10	12/17/2018	1437	-0.42	-0.22	0.0	0	0.4	20.6	0 0	0.0	0.0	0.0	
VMP-53-10	1/16/2019	1242	0.00	0.00	0.0	0	0 3	20.7	0.1	0.0	0.0	0.0	
VMP-53-10	2/13/2019	1311	0.00	0.00	0.0	0	0 2	20.9	0 3	0.0	0.0	0.0	
VMP-53-10	3/20/2019	1210	-0.11	0.00	0.0	0	0.1	20.7	0.4	0.0	0.0	0.0	
VMP-53-10	4/24/2019	0827	-0.27	0.00	0.0	0	0 5	20.2	1 5	16.9	1.2	15.7	Re-sampled due to elevated concentrations.
VMP-53-10	4/24/2019	1217	NM	NM	0.0	0	0 5	20.1	1.4	16.4	0.5	15.9	Re-sample.
VMP-53-10	5/21/2019	0827	0.00	0.00	0.0	0	1 2	19.5	0 5	0.0	0.0	0.0	
VMP-53-10	6/19/2019	1424	0.00	0.00	0.0	0	1 5	19.6	0.1	0.0	0.0	0.0	
VMP-53-20	7/16/2018	1205	-0.46	-0.12	0.0	0	1 6	18.9	0 2	0.0	0.0	0.0	
VMP-53-20	8/20/2018	1321	-0.10	0.00	0.0	0	2 0	18.8	0.1	0.0	0.0	0.0	
VMP-53-20	9/18/2018	1340	0.00	0.00	0.0	0	2 0	18.5	0.4	0.0	0.0	0.0	
VMP-53-20	10/17/2018	1136	-0.31	0.00	0.0	0	1 9	18.8	0 2	0.0	0.0	0.0	
VMP-53-20	11/19/2018	1257	0.00	0.00	0.0	0	1 6	19.3	0 2	0.0	0.0	0.0	
VMP-53-20	12/17/2018	1438	0.00	-0.12	0.0	0	1 2	19.8	0.1	0.0	0.0	0.0	
VMP-53-20	1/16/2019	1243	0.00	-0.13	0.0	0	0 9	20.1	0 0	0.0	0.0	0.0	
VMP-53-20	2/13/2019	1312	-0.23	-0.12	0.0	0	0.4	20.6	0 0	0.0	0.0	0.0	
VMP-53-20	3/20/2019	1211	-0.20	-0.28	0.0	0	0.4	20.5	0 3	0.0	0.0	0.0	
VMP-53-20	4/24/2019	0828	-0.19	-0.21	1.9	39	0 8	19.8	154	2169	9.4	2160	Re-sampled due to elevated concentrations.
VMP-53-20	4/24/2019	1218	NM	NM	2.2	45	0 8	19.8	145	2470	2.4	2468	Re-sample.
VMP-53-20	5/21/2019	0828	-0.21	0.00	0.0	0	1.4	19.0	0 5	0.0	0.0	0.0	
VMP-53-20	6/19/2019	1425	0.10	-0.18	0.0	0	1 8	19.4	0 0	0.0	0.0	0.0	
VMP-53-30	7/16/2018	1206	-0.18	-0.11	0.0	0	1 6	18.2	0 6	0.0	0.0	0.0	
VMP-53-30	8/22/2018	1320	0.00	0.00	0.0	0	2 0	18.2	0.1	0.0	0.0	0.0	
VMP-53-30-Dup	8/22/2018	1320	NM	NM	0.0	0	1.7	18.6	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-53-30	9/18/2018	1342	0.00	0.00	0.0	0	1 2	19.4	0.7	0.0	0.0	0.0	
VMP-53-30-Dup	9/18/2018	1342	NM	NM	0.0	0	1.4	19.2	0.7	0.0	0.0	0.0	Duplicate sample.
VMP-53-30	10/17/2018	1137	-0.16	0.00	0.0	0	2 5	17.8	0 0	0.0	0.0	0.0	
VMP-53-30	11/19/2018	1257	0.00	0.00	0.0	0	2 5	18.1	0.1	0.0	0.0	0.0	
VMP-53-30	12/17/2018	1439	-0.11	-0.14	0.0	0	2 6	18.3	0.1	0.0	0.0	0.0	
VMP-53-30	1/16/2019	1244	0.00	-0.22	0.0	0	2.4	18.9	0.1	0.0	0.0	0.0	
VMP-53-30	2/13/2019	1313	-0.22	-0.14	0.0	0	2 2	19.1	0 0	0.0	0.0	0.0	
VMP-53-30	3/20/2019	1212	-0.24	-0.32	0.0	0	2.1	19.5	0.4	0.0	0.0	0.0	
VMP-53-30	4/24/2019	0829	-0.20	-0.23	0.0	0	2 2	19.2	3 9	61.7	1.8	59.9	Re-sampled due to elevated concentrations.
VMP-53-30	4/24/2019	1215	NM	NM	0.0	0	2 2	19.3	3.7	76.3	2.1	74.2	Re-sample.
VMP-53-30	5/21/2019	0829	-0.28	-0.15	0.0	0	2 3	18.5	0 6	0.0	0.0	0.0	
VMP-53-30	6/19/2019	1426	0.11	-0.18	0.0	0	1 8	18.9	0 0	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-54-5	7/16/2018	1227	0.00	0.00	0.0	0	4 3	16.2	0.1	0.0	0.0	0.0	
VMP-54-5	8/22/2018	1346	0.00	0.00	0.0	0	4 0	17.1	0 0	0.0	0.0	0.0	
VMP-54-5	9/18/2018	1415	0.00	0.00	0.0	0	3 9	16.7	0 6	0.0	0.0	0.0	
VMP-54-5-Dup	9/18/2018	1415	NM	NM	0.0	0	4.1	16.4	0 6	0.0	0.0	0.0	Duplicate sample.
VMP-54-5	10/17/2018	1152	0.00	0.00	0.0	0	3 2	17.8	0.4	0.0	0.0	0.0	
VMP-54-5	11/19/2018	1320	0.00	0.00	0.0	0	1.4	19.1	0 2	0.0	0.0	0.0	
VMP-54-5	12/18/2018	0825	0.00	0.00	0.0	0	1 8	18.8	0 3	0.0	0.0	0.0	
VMP-54-5	1/16/2019	1316	0.00	0.33	0.0	0	1 3	19.4	0 0	0.0	0.0	0.0	
VMP-54-5	2/13/2019	1329	0.00	0.00	0.0	0	1.7	19.0	0 0	0.0	0.0	0.0	
VMP-54-5	3/20/2019	1224	0.00	0.00	0.0	0	1 3	19.7	0 3	0.0	0.0	0.0	
VMP-54-5	4/24/2019	0840	0.00	0.00	0.0	0	1 8	18.8	0 2	0.0	0.0	0.0	
VMP-54-5	5/21/2019	0840	0.00	0.00	0.0	0	2 5	18.0	0 5	0.0	0.0	0.0	
VMP-54-5	6/19/2019	1450	0.00	0.00	0.0	0	2 9	18.1	0.1	0.0	0.0	0.0	
VMP-54-10	7/16/2018	1228	0.00	0.00	0.0	0	1 3	19.1	0 3	0.0	0.0	0.0	
VMP-54-10	8/22/2018	1347	0.00	0.00	0.0	0	2 9	17.7	0.1	0.0	0.0	0.0	
VMP-54-10	9/18/2018	1420	0.00	0.00	0.0	0	2 0	18.4	0.4	0.0	0.0	0.0	
VMP-54-10	10/17/2018	1153	0.00	0.00	0.0	0	3 3	17.0	0 0	0.0	0.0	0.0	
VMP-54-10	11/19/2018	1321	0.00	0.00	0.0	0	2 8	17.5	0 2	0.0	0.0	0.0	
VMP-54-10	12/18/2018	0826	0.00	0.00	0.0	0	2.4	18.0	0.1	0.0	0.0	0.0	
VMP-54-10	1/16/2019	1317	0.00	0.36	0.0	0	2 2	18.4	0.1	0.0	0.0	0.0	
VMP-54-10	2/13/2019	1329	0.00	0.00	0.0	0	1 0	19.5	0 0	0.0	0.0	0.0	
VMP-54-10	3/20/2019	1225	0.00	0.00	0.0	0	1 8	19.1	0 2	0.0	0.0	0.0	
VMP-54-10	4/24/2019	0841	0.00	0.00	0.0	0	2 0	18.7	0 2	0.0	0.0	0.0	
VMP-54-10	5/21/2019	0841	0.00	0.00	0.0	0	2 2	18.2	0.4	0.0	0.0	0.0	
VMP-54-10-Dup	5/21/2019	0841	NM	NM	0.0	0	2 2	18.2	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-54-10	6/19/2019	1451	0.00	0.00	0.0	0	2.4	18.1	0.1	0.0	0.0	0.0	
VMP-54-20	7/16/2018	1229	0.00	0.00	0.0	0	2 3	17.2	0 2	0.0	0.0	0.0	
VMP-54-20	8/22/2018	1348	0.00	0.00	0.0	0	2.7	17.0	0 0	0.0	0.0	0.0	
VMP-54-20	9/18/2018	1423	0.00	0.00	0.0	0	2.7	16.7	0 5	0.0	0.0	0.0	
VMP-54-20	10/17/2018	1154	0.00	0.00	0.0	0	3 2	16.3	0 0	0.0	0.0	0.0	
VMP-54-20	11/19/2018	1322	0.00	0.00	0.0	0	3 2	16.4	0.1	0.0	0.0	0.0	
VMP-54-20	12/18/2018	0827	0.00	0.00	0.0	0	3.1	16.9	0.1	0.0	0.0	0.0	
VMP-54-20	1/16/2019	1318	0.00	0.00	0.0	0	2.7	17.4	0 2	0.0	0.0	0.0	
VMP-54-20-Dup	1/16/2019	1318	NM	NM	0.0	0	2 9	17.2	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-54-20	2/13/2019	1331	0.00	0.00	0.0	0	2.4	17.5	0 0	0.0	0.0	0.0	
VMP-54-20	3/20/2019	1226	0.00	0.00	0.0	0	2.4	18.0	0 2	0.0	0.0	0.0	
VMP-54-20	4/24/2019	0842	0.00	0.00	0.0	0	2 2	18.1	0 3	0.0	0.0	0.0	
VMP-54-20	5/21/2019	0842	0.00	0.00	0.0	0	2.1	18.0	0.4	0.0	0.0	0.0	
VMP-54-20	6/19/2019	1452	0.00	0.00	0.0	0	1 9	18.4	0.1	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-54-30	7/16/2018	1230	0.00	0.00	0.0	0	4.1	15.7	0.1	0.0	0.0	0.0	
VMP-54-30	8/22/2018	1349	0.00	0.00	0.0	0	3.4	17.5	0 0	0.0	0.0	0.0	
VMP-54-30	9/18/2018	1426	0.00	0.00	0.0	0	4 0	16.9	0 3	0.0	0.0	0.0	
VMP-54-30	10/17/2018	1155	0.00	0.00	0.0	0	1 6	19.2	0 0	0.0	0.0	0.0	
VMP-54-30	11/19/2018	1323	0.00	0.00	0.0	0	1 0	18.9	0 3	0.0	0.0	0.0	
VMP-54-30	12/18/2018	0828	0.00	0.00	0.0	0	0.7	19.8	0.4	0.0	0.0	0.0	
VMP-54-30	1/16/2019	1319	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-54-30	2/13/2019	1332	-0.26	0.00	0.0	0	0 3	20.0	0.1	0.0	0.0	0.0	
VMP-54-30	3/20/2019	1227	0.00	0.00	0.0	0	0 8	19.8	0 3	0.0	0.0	0.0	
VMP-54-30	4/24/2019	0843	0.00	0.00	0.0	0	1 6	18.9	0 2	0.0	0.0	0.0	
VMP-54-30	5/21/2019	0843	0.00	0.00	0.0	0	2 3	18.0	0 8	0.0	0.0	0.0	
VMP-54-30	6/19/2019	1453	0.00	0.00	0.0	0	2 8	18.4	0 0	0.0	0.0	0.0	
VMP-55-5	7/16/2018	1026	-0.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	8/22/2018	1020	0.00	0.00	0.0	0	16.7	4 5	0 9	0.0	0.0	0.0	
VMP-55-5	9/18/2018	1220	0.00	0.00	0.0	0	16.5	4.4	0 2	0.0	0.0	0.0	
VMP-55-5	10/17/2018	0825	0.00	0.00	0.0	0	16.4	4 3	0.7	0.0	0.0	0.0	
VMP-55-5	11/19/2018	1049	0.31	0.00	0.0	0	14.4	4 9	0 8	0.0	0.0	0.0	
VMP-55-5	12/18/2018	0811	0.00	2.66	0.0	0	13.2	4 9	1 2	0.0	0.0	0.0	
VMP-55-5	1/16/2019	1034	-1.59	1.54	0.0	0	13.1	5 2	0 9	0.0	0.0	0.0	
VMP-55-5	2/13/2019	1046	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	3/20/2019	1112	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	4/22/2019	1051	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	5/20/2019	1040	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	6/19/2019	1044	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	7/16/2018	1027	1.46	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	8/22/2018	1021	-1.07	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	9/18/2018	1222	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	10/17/2018	0826	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	11/19/2018	1050	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	12/18/2018	0812	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	1/16/2019	1035	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	2/13/2019	1047	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	3/20/2019	1113	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	4/22/2019	1052	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	5/20/2019	1041	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	6/19/2019	1045	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-55-20	7/16/2018	1028	-0.33	-0.30	8.3	OVR	18.2	0 8	38.1	88240	78310	9930	
VMP-55-20	8/22/2018	1022	-0.29	-0.62	5.0	OVR	17.6	1.4	25.3	45630	40170	5460	
VMP-55-20	9/18/2018	1225	0.00	0.00	10 2	OVR	18.7	0 5	46.9	76810	66860	9950	
VMP-55-20	10/17/2018	0827	-0.72	-0.66	14 6	OVR	18.6	1 0	102	97610	83100	14510	
VMP-55-20-Dup	10/17/2018	0827	NM	NM	36 3	OVR	17.1	0.7	102	117000	88250	28750	Duplicate sample.
VMP-55-20	11/19/2018	1049	-0.09	0.00	11 8	OVR	19.0	0 9	30.3	102000	89770	12230	
VMP-55-20	12/18/2018	0813	-0.32	-0.37	36 0	OVR	18.7	0.7	72.8	106000	90250	15750	
VMP-55-20-Dup	12/18/2018	0813	NM	NM	43 0	OVR	16.7	0 9	72.8	123000	96000	27000	Duplicate sample.
VMP-55-20	1/16/2019	1035	-0.53	-0.49	17 3	OVR	18.2	1 3	43.8	99530	85570	13960	
VMP-55-20	2/13/2019	1050	0.00	0.00	18 6	OVR	18.8	0 3	49.5	83110	66710	16400	
VMP-55-20	3/20/2019	1114	0.55	0.00	19 9	OVR	18.4	1 0	76.9	102000	86480	15520	
VMP-55-20	4/22/2019	1053	0.16	0.00	8.4	OVR	17.8	0.4	53.4	70620	60190	10430	
VMP-55-20	5/20/2019	1042	-0.42	-0.17	2.8	56	17.2	1 2	24.6	32250	28650	3600	
VMP-55-20	6/19/2019	1046	-0.70	-1.15	3.5	70	16.9	1.1	45.2	31570	27810	3760	
VMP-55-30	7/16/2018	1029	0.55	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	8/22/2018	1023	-1.70	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	9/18/2018	1228	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	10/17/2018	0828	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	11/19/2018	1051	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	12/18/2018	0814	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	1/16/2019	1036	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	2/13/2019	1049	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	3/20/2019	1115	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	4/22/2019	1054	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	5/20/2019	1042	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	6/19/2019	1047	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-10	7/17/2018	1021	-2.54	-2.63	0.0	0	0 9	19.5	1 2	0.0	0.0	0.0	
VMP-56-10	8/23/2018	1139	-2.85	-2.84	0.0	0	0 3	20.7	0.4	0.0	0.0	0.0	
VMP-56-10	9/19/2018	1000	-3.25	-3.21	0.0	0	0 3	20.4	0 5	0.0	0.0	0.0	
VMP-56-10	10/18/2018	1037	-2.44	-2.48	0.0	0	0 0	20.8	0 0	0.0	0.0	0.0	
VMP-56-10	11/20/2018	1012	-2.80	-2.74	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-56-10	12/17/2018	0904	-2.93	-2.66	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-56-10	1/17/2019	1141	-3.88	-3.67	0.0	0	0.1	20.8	0.7	1.1	0.0	1.1	
VMP-56-10	2/14/2019	1042	-2.98	-2.98	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-56-10	3/21/2019	1009	-2.93	-2.90	0.0	0	0 0	20.9	0 5	0.0	0.0	0.0	
VMP-56-10	4/23/2019	1055	-3.70	-3.65	0.0	0	0 2	20.7	0.1	0.0	0.0	0.0	
VMP-56-10	5/21/2019	0952	-4.07	-3.92	0.0	0	0.4	20.6	0 0	0.0	0.0	0.0	
VMP-56-10	6/20/2019	0823	-3.05	-3.14	0.0	0	0.4	20.4	0 0	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-56-25	7/17/2018	1022	-4.69	-4.77	0.0	0	1 8	19.0	0 6	0.0	0.0	0.0	
VMP-56-25	8/23/2018	1140	-6.55	-6.50	0.0	0	0 9	20.0	0.4	0.0	0.0	0.0	
VMP-56-25	9/19/2018	1001	-7.10	-7.04	0.0	0	0 8	19.9	0.4	0.0	0.0	0.0	
VMP-56-25	10/18/2018	1038	-5.66	-5.64	0.0	0	0 5	20.6	0 0	0.0	0.0	0.0	
VMP-56-25	11/20/2018	1013	-5.96	-5.91	0.0	0	0 2	20.7	5.1	32.3	0.0	32.3	
VMP-56-25	12/17/2018	0905	-5.29	-4.92	0.0	0	0 2	20.8	0 3	0.0	0.0	0.0	
VMP-56-25	1/17/2019	1142	-6.24	-5.79	0.0	0	0 2	20.7	1 8	5.3	0.0	5.3	
VMP-56-25	2/14/2019	1044	-5.32	-5.32	0.0	0	0 3	20.6	0.1	0.0	0.0	0.0	
VMP-56-25	3/21/2019	1010	-5.53	-5.41	0.0	0	0 2	20.7	0.1	0.0	0.0	0.0	
VMP-56-25	4/23/2019	1057	-7.20	-7.05	0.0	0	0 5	20.4	1 3	2.8	0.0	2.8	
VMP-56-25	5/21/2019	0953	-7.92	-7.69	0.0	0	0 9	20.0	0 0	0.0	0.0	0.0	
VMP-56-25	6/20/2019	0824	-6.66	-6.84	0.0	0	1 0	20.0	0 2	0.0	0.0	0.0	
VMP-56-38.5	7/17/2018	1023	-6.22	-6.28	OVR	OVR	5.4	10.6	143	1000000	1620	998380	
VMP-56-38.5	8/23/2018	1141	-9.51	-9.52	OVR	OVR	3 8	8 8	156	600000	3050	596950	
VMP-56-38.5	9/19/2018	1002	-10 26	-10.14	OVR	OVR	5 6	3 6	189	1000000	5860	994140	
VMP-56-38.5	10/18/2018	1039	-8.24	-8.23	OVR	OVR	5 5	4 3	334	1000000	6630	993370	
VMP-56-38.5	11/20/2018	1014	-8.53	-8.52	OVR	OVR	2 9	15.4	292	487000	1510	485490	
VMP-56-38.5	12/17/2018	0906	-7.23	-6.88	OVR	OVR	1 9	17.5	362	341000	810	340190	
VMP-56-38.5	1/17/2019	1143	-8.65	-7.74	OVR	OVR	5.4	9 2	239	821000	4140	816860	
VMP-56-38.5	2/14/2019	1046	-7.11	-7.47	OVR	OVR	2 9	14.8	442	219000	1840	217160	
VMP-56-38.5	3/21/2019	1011	-7.34	-7.17	OVR	OVR	1 0	19.7	686	73840	530	73310	
VMP-56-38.5	4/23/2019	1059	-9.77	-9.41	OVR	OVR	2.4	17.5	337	264000	1790	262210	
VMP-56-38.5	5/21/2019	0954	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	6/20/2019	0825	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-5A	7/16/2018	1400	0.00	-0.20	0.0	0	0 9	19.7	0 6	0.0	0.0	0.0	
VMP-57-5A	8/22/2018	1450	-0.47	-0.24	0.0	0	0 5	20.5	0 2	0.0	0.0	0.0	
VMP-57-5A	9/18/2018	1242	-0.59	-0.20	0.0	0	0.4	20.1	0 2	0.0	0.0	0.0	
VMP-57-5A	10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP in construction area.
VMP-57-5A	11/19/2018	1521	-0.37	-0.35	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-57-5A	12/18/2018	0905	-0.45	-0.44	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-57-5A	1/16/2019	1350	-2.27	0.23	0.0	0	0.1	20.9	0.1	0.0	0.0	0.0	
VMP-57-5A	2/13/2019	1252	-0.20	-0.16	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-57-5A	3/20/2019	1404	-0.16	-0.19	0.0	0	0 2	20.6	0 5	0.0	0.0	0.0	
VMP-57-5A	4/22/2019	1344	-0.14	-0.16	0.0	0	0.4	20.5	0.1	0.0	0.0	0.0	
VMP-57-5A	5/20/2019	1252	-0.26	-0.28	0.0	0	0.4	20.6	0 3	0.0	0.0	0.0	
VMP-57-5A	6/19/2019	1335	-0.22	0.00	0.0	0	0 5	20.4	0 0	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-57-10	7/16/2018	1401	0.00	0.00	0.0	0	0 0	20.8	0.4	0.0	0.0	0.0	
VMP-57-10	8/22/2018	1451	0.00	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-57-10	9/18/2018	1243	0.00	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-57-10	10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP in construction area.
VMP-57-10	11/20/2018	0819	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-10	12/18/2018	0906	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-10	1/16/2019	1351	0.16	0.00	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-57-10	2/13/2019	1254	0.00	0.00	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-57-10-Dup	2/13/2019	1254	NM	NM	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	Duplicate sample.
VMP-57-10	3/20/2019	1406	-0.29	-0.25	0.0	0	0 0	20.8	0 2	7.5	7.5	0.0	
VMP-57-10	4/22/2019	1346	0.00	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-57-10	5/20/2019	1254	0.00	0.00	0.0	0	0 2	20.4	0 3	98.1	98.1	0.0	Re-sampled due to elevated THC.
VMP-57-10	5/21/2019	1126	0.00	NM	0.0	0	0 0	20.9	1.4	3.4	3.4	0.0	Re-sample.
VMP-57-10	6/19/2019	1336	0.00	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-57-20	7/16/2018	1402	0.00	0.00	0.0	0	0.1	20.6	0 5	0.0	0.0	0.0	
VMP-57-20	8/22/2018	1452	-0.20	0.00	0.0	0	0 0	20.8	0.1	0.0	0.0	0.0	
VMP-57-20	9/18/2018	1243	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-20	10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP in construction area.
VMP-57-20	11/20/2018	0820	-1.97	-0.61	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-57-20	12/18/2018	0907	-0.23	-0.52	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-57-20	1/16/2019	1352	-0.10	-0.45	0.0	0	0.1	20.8	0 3	0.0	0.0	0.0	
VMP-57-20	2/13/2019	1258	-0.68	0.00	0.0	0	0 2	20.7	0.4	0.0	0.0	0.0	
VMP-57-20	3/20/2019	1408	-0.28	-0.37	0.0	0	0 2	20.6	0 3	0.0	0.0	0.0	
VMP-57-20-Dup	3/20/2019	1408	NM	NM	0.0	0	0 2	20.6	0 3	0.0	0.0	0.0	Duplicate sample.
VMP-57-20	4/22/2019	1348	0.22	-0.17	0.0	0	0 3	20.6	0 3	0.0	0.0	0.0	
VMP-57-20	5/20/2019	1256	-0.21	-0.30	0.0	0	0.4	20.6	0 8	0.0	0.0	0.0	
VMP-57-20	6/19/2019	1337	-0.46	-0.30	0.0	0	0 6	20.3	0 0	0.0	0.0	0.0	
VMP-58-5	7/16/2018	1350	-2.52	-2.48	0.0	0	0 2	20.6	0 3	0.0	0.0	0.0	
VMP-58-5	8/22/2018	1433	-2.49	-2.48	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-58-5	9/18/2018	1221	-2.56	-2.47	0.0	0	0.1	20.7	0.1	0.0	0.0	0.0	
VMP-58-5	10/17/2018	1520	-2.45	-2.49	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-58-5	11/20/2018	0831	-2.97	-2.94	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-58-5	12/18/2018	0847	-2.83	-0.68	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-58-5	1/16/2019	1331	0.26	-2.88	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-58-5	2/13/2019	1306	-2.19	-1.41	0.0	0	0 0	20.9	0 6	0.0	0.0	0.0	
VMP-58-5	3/20/2019	1344	-2.73	-2.56	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-58-5	4/22/2019	1323	-2.81	-2.72	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-58-5-Dup	4/22/2019	1323	NM	NM	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	Duplicate sample.
VMP-58-5	5/20/2019	1234	-3.22	-3.34	0.0	0	0.1	20.8	0 3	0.0	0.0	0.0	
VMP-58-5	6/19/2019	1359	-0.88	-0.38	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-58-10	7/16/2018	1351	-3.18	-3.13	0.0	0	0.1	20.7	0 5	0.0	0.0	0.0	
VMP-58-10	8/22/2018	1434	-3.21	-2.69	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-58-10	9/18/2018	1222	-3.81	-3.21	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-58-10	10/17/2018	1521	-3.63	-3.86	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-58-10	11/20/2018	0832	-3.80	-3.75	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-58-10	12/18/2018	0848	-3.75	-3.51	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-58-10	1/16/2019	1332	-3.07	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-58-10	2/13/2019	1308	-2.46	-1.78	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-58-10	3/20/2019	1346	-3.44	-3.26	0.0	0	0 0	20.9	0.4	0.0	0.0	0.0	
VMP-58-10	4/22/2019	1325	-3.68	-3.34	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-58-10	5/20/2019	1236	-4.06	-4.17	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-58-10	6/19/2019	1400	-1.01	-0.77	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-58-20	7/16/2018	1352	-4.52	-2.03	0.0	0	0.1	20.7	0.7	0.0	0.0	0.0	
VMP-58-20	8/22/2018	1435	-7.47	-2.04	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-58-20	9/18/2018	1223	-3.89	-3.24	0.0	0	0 0	20.8	0 2	0.0	0.0	0.0	
VMP-58-20	10/17/2018	1522	-4.23	-4.27	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-58-20	11/20/2018	0833	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-58-20	12/18/2018	0849	-4.28	-4.42	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-58-20	1/16/2019	1333	-4.19	-4.39	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-58-20	2/13/2019	1310	-6.38	-3.76	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-58-20	3/20/2019	1348	-4.19	-3.61	0.0	0	0 0	20.9	0.4	0.0	0.0	0.0	
VMP-58-20	4/22/2019	1327	-3.52	-0.58	0.0	0	0 0	20.9	0.4	0.0	0.0	0.0	
VMP-58-20	5/20/2019	1238	-6.99	-0.77	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-58-20	6/19/2019	1401	-2.40	-0.54	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-58-30	7/16/2018	1353	-7.15	-6.96	60 3	OVR	11.1	3 3	472	32120	9030	23090	
VMP-58-30	8/22/2018	1436	-9.23	-7.87	67 9	OVR	13.0	1 8	559	25560	8140	17420	
VMP-58-30-Dup	8/22/2018	1436	NM	NM	78 5	OVR	13.8	0.7	559	28340	8780	19560	Duplicate sample.
VMP-58-30	9/18/2018	1224	-8.49	-8.02	20 9	OVR	12.7	2 5	429	12270	3050	9220	
VMP-58-30-Dup	9/18/2018	1224	NM	NM	23 6	OVR	13.2	2.1	429	12880	3090	9790	Duplicate sample.
VMP-58-30	10/17/2018	1523	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-58-30	11/20/2018	0834	-9.50	-8.80	10 5	OVR	14.7	0.7	499	6060	1110	4950	
VMP-58-30	12/18/2018	0850	-24 88	-8.42	2.2	44	12.1	3.4	224	2250	154	2096	
VMP-58-30	1/16/2019	1334	-7.30	-7.64	1.8	36	11.0	4 8	246	1890	103	1787	
VMP-58-30-Dup	1/16/2019	1334	NM	NM	3.0	61	12.7	2 5	357	2940	134	2806	Duplicate sample.
VMP-58-30	2/13/2019	1312	-8.47	-6.80	7.1	OVR	13.3	0 9	431	4690	335	4355	
VMP-58-30	3/20/2019	1350	-19 90	-7.73	15 9	OVR	5.7	11.7	566	11960	4150	7810	
VMP-58-30	4/22/2019	1329	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-58-30	5/20/2019	1240	-10 39	-8.74	OVR	OVR	12.0	0.4	475	95120	33690	61430	
VMP-58-30	6/19/2019	1402	-4.16	-0.55	OVR	OVR	11.3	0 5	362	181000	54530	126470	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-59-5	7/16/2018	1340	-1.08	-1.14	0.0	0	0 3	20.5	0 5	0.0	0.0	0.0	
VMP-59-5	8/22/2018	1415	-1.27	-1.06	0.0	0	0 2	20.7	0 2	0.0	0.0	0.0	
VMP-59-5	9/18/2018	1207	-1.09	-1.03	0.0	0	0 2	20.5	0 2	0.0	0.0	0.0	
VMP-59-5	10/17/2018	1505	-1.11	-1.00	0.0	0	0 0	20.7	0 0	0.0	0.0	0.0	
VMP-59-5	11/20/2018	0847	-1.38	-1.33	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-59-5	12/18/2018	0820	-1.56	-1.27	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-59-5	1/16/2019	1308	-1.01	-1.25	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-59-5	2/13/2019	1318	-0.78	-0.99	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-59-5	3/20/2019	1328	-0.79	-1.08	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-59-5	4/22/2019	1314	-1.25	-1.23	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-59-5	5/20/2019	1220	-1.39	-1.46	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-59-5	6/19/2019	1410	-0.37	-0.26	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-59-10	7/16/2018	1341	-1.22	-0.98	0.0	0	0.1	20.6	0 3	0.0	0.0	0.0	
VMP-59-10	8/22/2018	1416	-1.25	-1.19	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-59-10	9/18/2018	1208	-1.23	-1.17	0.0	0	0.1	20.7	0 3	0.0	0.0	0.0	
VMP-59-10	10/17/2018	1506	-1.14	-1.12	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-59-10	11/20/2018	0848	-1.50	-1.48	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-59-10	12/18/2018	0821	-1.62	-1.41	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-59-10	1/16/2019	1309	-1.27	-1.38	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-59-10	2/13/2019	1320	-0.92	-1.08	0.0	0	0 0	20.9	0 6	0.0	0.0	0.0	
VMP-59-10	3/20/2019	1329	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-59-10	4/22/2019	1316	-1.48	-1.32	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-59-10	5/20/2019	1222	-1.42	-1.62	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-59-10	6/19/2019	1411	-0.29	-0.23	0.0	0	0 0	20.9	0 3	1.3	0.6	0.7	
VMP-59-20	7/16/2018	1342	-4.53	-4.48	0.0	0	0 2	20.5	0.4	0.0	0.0	0.0	
VMP-59-20	8/22/2018	1417	-4.95	-4.82	0.0	0	0.4	20.6	0 2	0.0	0.0	0.0	
VMP-59-20	9/18/2018	1209	-4.87	-4.81	0.0	0	0 3	20.6	0 2	0.0	0.0	0.0	
VMP-59-20	10/17/2018	1507	-4.85	-4.81	0.0	0	0 3	20.8	0 0	0.0	0.0	0.0	
VMP-59-20	11/20/2018	0849	-5.42	-5.35	0.0	0	0 2	20.8	0.1	0.0	0.0	0.0	
VMP-59-20-Dup	11/20/2018	0849	NM	NM	0.0	0	0 2	20.8	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-59-20	12/18/2018	0822	-5.10	-4.47	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-59-20-Dup	12/18/2018	0822	NM	NM	0.0	0	0 2	20.7	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-59-20	1/16/2019	1310	-4.46	-4.70	0.0	0	0.1	20.8	0 3	0.0	0.0	0.0	
VMP-59-20	2/13/2019	1322	-3.97	-3.76	0.0	0	0 2	20.8	0 3	0.0	0.0	0.0	
VMP-59-20	3/20/2019	1330	-4.73	-4.46	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-59-20	4/22/2019	1318	-4.71	-4.55	0.0	0	0.1	20.9	0 3	0.0	0.0	0.0	
VMP-59-20	5/20/2019	1224	-5.42	-5.48	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-59-20	6/19/2019	1412	-0.83	-0.52	0.0	0	0 2	20.6	0 0	0.0	0.0	0.0	

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-59-30	7/16/2018	1343	-5.21	-5.17	0.0	0	2 5	17.3	0 5	0.0	0.0	0.0	
VMP-59-30-Dup	7/16/2018	1343	NM	NM	0.0	0	2 6	17.2	0 5	0.0	0.0	0.0	Duplicate sample.
VMP-59-30	8/22/2018	1418	-5.70	-5.57	0.0	0	2 8	17.7	0 2	0.0	0.0	0.0	
VMP-59-30	9/18/2018	1210	-5.90	-5.58	0.0	0	2 8	17.4	0 2	0.0	0.0	0.0	
VMP-59-30	10/17/2018	1508	-5.58	-5.61	0.0	0	3 3	17.5	0 0	0.0	0.0	0.0	
VMP-59-30	11/20/2018	0850	-6.27	-6.20	0.0	0	2 9	17.9	0 0	0.0	0.0	0.0	
VMP-59-30	12/18/2018	0823	-5.83	-5.75	0.0	0	2.7	18.3	0 0	0.0	0.0	0.0	
VMP-59-30	1/16/2019	1311	-5.12	-5.38	0.0	0	2 6	18.4	0 2	0.0	0.0	0.0	
VMP-59-30	2/13/2019	1324	-4.53	-4.38	0.0	0	2.4	18.4	0 2	0.0	0.0	0.0	
VMP-59-30	3/20/2019	1332	-5.48	-5.15	0.0	0	2.7	18.2	0.4	0.0	0.0	0.0	
VMP-59-30	4/22/2019	1320	-5.03	-5.27	0.0	0	2 3	18.8	0.4	0.0	0.0	0.0	
VMP-59-30	5/20/2019	1226	-6.31	-6.36	0.0	0	2 6	18.0	0 2	0.0	0.0	0.0	
VMP-59-30	6/19/2019	1413	-1.12	-0.96	0.0	0	1.7	19.3	0 0	0.0	0.0	0.0	
VMP-60-5	7/16/2018	1158	-0.54	-0.56	0.0	0	0 9	19.6	0.7	0.0	0.0	0.0	
VMP-60-5	8/22/2018	1214	-0.42	-0.40	0.0	0	0 8	20.1	0.1	0.0	0.0	0.0	
VMP-60-5	9/18/2018	1048	-0.42	-0.47	0.0	0	0 8	20.0	0 3	0.0	0.0	0.0	
VMP-60-5	10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP in construction area.
VMP-60-5	11/19/2018	1305	-0.12	-0.50	0.0	0	0 2	20.7	0 2	0.0	0.0	0.0	
VMP-60-5	12/17/2018	1505	-0.58	-0.56	0.0	0	0.1	20.7	0 2	0.0	0.0	0.0	
VMP-60-5	1/16/2019	1144	-0.52	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-60-5	2/13/2019	1032	-0.83	-0.79	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-60-5	3/20/2019	1142	-0.67	-0.67	0.0	0	0.1	20.9	0 3	0.0	0.0	0.0	
VMP-60-5	4/22/2019	1141	-0.63	-0.63	0.0	0	0 2	20.7	0.7	0.0	0.0	0.0	
VMP-60-5	5/20/2019	1040	-0.44	-0.69	0.0	0	0 5	20.5	0.7	0.0	0.0	0.0	
VMP-60-5	6/19/2019	0950	-0.69	-0.50	0.0	0	0.7	20.1	0 0	0.0	0.0	0.0	
VMP-60-10	7/16/2018	1159	-0.37	-0.40	0.0	0	0 9	19.8	0 6	0.0	0.0	0.0	
VMP-60-10	8/22/2018	1215	-0.30	-0.28	0.0	0	0 9	20.1	0 2	0.0	0.0	0.0	
VMP-60-10	9/18/2018	1049	-0.31	-0.32	0.0	0	0 8	20.0	0 2	0.0	0.0	0.0	
VMP-60-10	10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP in construction area.
VMP-60-10	11/19/2018	1306	-0.41	-0.41	0.0	0	0 3	20.5	0.1	0.0	0.0	0.0	
VMP-60-10	12/17/2018	1506	-0.44	-0.41	0.0	0	0 2	20.7	0.1	0.0	0.0	0.0	
VMP-60-10	1/16/2019	1145	-0.70	-0.37	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-60-10	2/13/2019	1034	-0.58	-0.54	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-60-10	3/20/2019	1144	-0.44	-0.42	0.0	0	0.1	20.9	0 2	0.0	0.0	0.0	
VMP-60-10	4/22/2019	1143	-0.42	-0.58	0.0	0	0 2	20.6	0.4	0.0	0.0	0.0	
VMP-60-10	5/20/2019	1042	-0.49	-0.61	0.0	0	0.4	20.5	0.4	0.0	0.0	0.0	
VMP-60-10	6/19/2019	0951	-0.31	-0.38	0.0	0	0 6	20.1	0 0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-60-20	7/16/2018	1200	-0.63	-1.01	0.0	0	0 9	19.7	0.7	0.0	0.0	0.0	
VMP-60-20	8/22/2018	1216	-1.75	-1.88	0.0	0	0 9	20.0	0 2	0.0	0.0	0.0	
VMP-60-20	9/18/2018	1050	-0.89	-0.91	0.0	0	0 9	19.9	0.1	0.0	0.0	0.0	
VMP-60-20	10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP in construction area.
VMP-60-20	11/19/2018	1307	-0.88	-0.89	0.0	0	0 3	20.5	0.1	0.0	0.0	0.0	
VMP-60-20	12/17/2018	1507	-0.90	-0.89	0.0	0	0 2	20.6	0 0	0.0	0.0	0.0	
VMP-60-20	1/16/2019	1146	-1.01	-0.84	0.0	0	0 2	20.8	0 2	0.0	0.0	0.0	
VMP-60-20	2/13/2019	1036	-1.09	-1.04	0.0	0	0.1	20.8	0 3	0.0	0.0	0.0	
VMP-60-20	3/20/2019	1146	-1.03	-1.04	0.0	0	0 2	20.8	0 3	0.0	0.0	0.0	
VMP-60-20	4/22/2019	1145	-1.04	-1.00	0.0	0	0 2	20.6	0 3	0.0	0.0	0.0	
VMP-60-20	5/20/2019	1044	-1.41	-0.69	0.0	0	0.4	20.3	1 6	0.0	0.0	0.0	
VMP-60-20	6/19/2019	0953	-0.62	-0.89	0.0	0	0 6	20.1	0 0	0.0	0.0	0.0	
VMP-60-20-Dup	6/19/2019	0953	NM	NM	0.0	0	0 6	20.1	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-60-33.5	7/16/2018	1201	-1.55	-0.65	0.0	0	0 9	19.6	0 8	0.0	0.0	0.0	
VMP-60-33.5	8/22/2018	1217	-0.50	-0.46	0.0	0	0 8	20.0	0 6	0.0	0.0	0.0	
VMP-60-33.5	9/18/2018	1051	-0.46	-0.51	0.0	0	0 8	19.9	0 8	0.0	0.0	0.0	
VMP-60-33.5	10/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP in construction area.
VMP-60-33.5	11/19/2018	1308	-0.54	-0.53	0.0	0	0 2	20.6	0.1	0.0	0.0	0.0	
VMP-60-33.5	12/17/2018	1508	-0.58	-0.57	0.0	0	0.1	20.7	0.1	0.0	0.0	0.0	
VMP-60-33.5	1/16/2019	1147	-0.69	-0.53	0.0	0	0.1	20.9	0 3	0.0	0.0	0.0	
VMP-60-33.5	2/13/2019	1038	-0.83	-1.12	0.0	0	0.1	20.9	0.1	0.0	0.0	0.0	
VMP-60-33.5	3/20/2019	1148	-0.44	-0.84	0.0	0	0.1	20.8	0 3	0.0	0.0	0.0	
VMP-60-33.5	4/22/2019	1147	-0.46	-0.75	0.0	0	0 2	20.5	0 3	0.0	0.0	0.0	
VMP-60-33.5	5/20/2019	1046	-0.86	-0.79	0.0	0	0.4	20.4	2.1	0.0	0.0	0.0	
VMP-60-33.5	6/19/2019	0954	-0.49	-0.62	0.0	0	0 6	20.1	0 0	0.0	0.0	0.0	
VMP-61-5	7/16/2018	1411	-0.13	-0.25	0.0	0	1 6	18.8	0.4	0.0	0.0	0.0	
VMP-61-5	8/22/2018	1507	-0.16	-0.15	0.0	0	1 8	18.3	0 0	0.0	0.0	0.0	
VMP-61-5	9/18/2018	1249	-0.14	-0.15	0.0	0	1.4	19.4	0 2	0.0	0.0	0.0	
VMP-61-5	10/18/2018	1340	0.00	0.00	0.0	0	1 2	20.0	0 0	0.0	0.0	0.0	
VMP-61-5	11/19/2018	1505	-0.32	-0.26	0.0	0	0.7	20.3	0.1	0.0	0.0	0.0	
VMP-61-5	12/18/2018	0913	-0.32	-0.34	0.0	0	0 5	20.5	0 0	0.0	0.0	0.0	
VMP-61-5	1/16/2019	1409	0.00	-0.26	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-61-5	2/13/2019	1235	-0.14	0.00	0.0	0	0.4	20.6	0 2	0.0	0.0	0.0	
VMP-61-5	3/20/2019	1418	-0.18	-0.17	0.0	0	0.4	20.6	0 2	0.0	0.0	0.0	
VMP-61-5	4/22/2019	1402	-0.27	-0.23	0.0	0	0 6	20.5	0.1	0.0	0.0	0.0	
VMP-61-5	5/20/2019	1303	-0.34	-0.47	0.0	0	0 6	20.4	0.4	0.0	0.0	0.0	
VMP-61-5	6/19/2019	1323	-0.26	0.00	0.0	0	1.1	19.9	0 0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-61-10	7/16/2018	1412	-0.31	-0.40	0.0	0	0 8	19.6	0 3	0.0	0.0	0.0	
VMP-61-10	8/22/2018	1508	-0.29	-0.32	0.0	0	0 9	20.0	0 0	0.0	0.0	0.0	
VMP-61-10	9/18/2018	1250	-0.31	-0.33	0.0	0	0 9	19.8	0.1	0.0	0.0	0.0	
VMP-61-10	10/18/2018	1341	-0.11	-0.11	0.0	0	0 8	20.1	0 0	0.0	0.0	0.0	
VMP-61-10	11/19/2018	1506	-0.49	-0.42	0.0	0	0 5	20.3	0.1	0.0	0.0	0.0	
VMP-61-10	12/18/2018	0914	0.00	-0.53	0.0	0	0.4	20.5	0 0	0.0	0.0	0.0	
VMP-61-10	1/16/2019	1410	0.00	0.00	0.0	0	0.4	20.6	0 2	0.0	0.0	0.0	
VMP-61-10	2/13/2019	1238	0.00	-0.18	0.0	0	0 3	20.6	0 5	0.0	0.0	0.0	
VMP-61-10	3/20/2019	1420	-0.35	-0.36	0.0	0	0 2	20.6	0 2	0.0	0.0	0.0	
VMP-61-10	4/22/2019	1404	-0.50	-0.36	0.0	0	0 3	20.6	0.1	0.0	0.0	0.0	
VMP-61-10	5/20/2019	1305	-0.65	-0.83	0.0	0	0.4	20.6	0 2	0.0	0.0	0.0	
VMP-61-10	6/19/2019	1324	-0.46	-0.12	0.0	0	0 6	20.3	0 0	0.0	0.0	0.0	
VMP-61-20	7/16/2018	1413	-0.11	-0.23	0.0	0	1 5	18.8	0 5	0.0	0.0	0.0	
VMP-61-20	8/22/2018	1509	-0.14	-0.19	0.0	0	1 6	19.5	0.1	0.0	0.0	0.0	
VMP-61-20	9/18/2018	1251	-0.11	-0.14	0.0	0	1 2	19.6	0 0	0.0	0.0	0.0	
VMP-61-20	10/18/2018	1342	-0.22	0.00	0.0	0	1 2	19.8	0 0	0.0	0.0	0.0	
VMP-61-20	11/19/2018	1507	-0.32	0.00	0.0	0	0 6	20.4	0 0	0.0	0.0	0.0	
VMP-61-20-Dup	11/19/2018	1507	NM	NM	0.0	0	0 6	20.4	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-61-20	12/18/2018	0915	-0.09	-0.44	0.0	0	0 5	20.5	0.1	0.0	0.0	0.0	
VMP-61-20	1/16/2019	1411	-0.39	-0.25	0.0	0	0.4	20.6	0 2	0.0	0.0	0.0	
VMP-61-20	2/13/2019	1240	-0.79	0.00	0.0	0	0 3	20.7	0 3	0.0	0.0	0.0	
VMP-61-20	3/20/2019	1422	-0.13	-0.18	0.0	0	0 3	20.6	0.1	0.0	0.0	0.0	
VMP-61-20	4/22/2019	1406	0.35	-0.18	0.0	0	0 5	20.7	0.1	0.0	0.0	0.0	
VMP-61-20	5/20/2019	1307	-0.34	-0.54	0.0	0	0 6	20.4	0.7	0.0	0.0	0.0	
VMP-61-20	6/19/2019	1325	-0.26	0.00	0.0	0	1.1	19.8	0 0	0.0	0.0	0.0	
VMP-61-30	7/16/2018	1414	1.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	8/22/2018	1510	-0.47	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	9/18/2018	1252	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	10/18/2018	1343	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	11/19/2018	1508	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	12/18/2018	0916	-0.56	-0.63	0.0	0	2 9	18.4	0.1	0.0	0.0	0.0	
VMP-61-30	1/16/2019	1412	-0.41	0.14	0.0	0	2 6	18.8	0.1	0.0	0.0	0.0	
VMP-61-30	2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	3/20/2019	1424	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	4/22/2019	1408	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	5/20/2019	1309	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	6/19/2019	1326	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-62-5	7/16/2018	1522	0.00	0.00	0.0	0	4 0	17.1	0.1	0.0	0.0	0.0	
VMP-62-5	8/22/2018	0942	0.00	0.00	0.0	0	0 2	20.7	0.1	0.0	0.0	0.0	
VMP-62-5	9/18/2018	1350	0.00	0.00	0.0	0	2.4	18.3	0.1	0.0	0.0	0.0	
VMP-62-5	10/17/2018	1441	0.00	0.00	0.0	0	1 9	19.3	0 0	0.0	0.0	0.0	
VMP-62-5	11/20/2018	1016	-0.30	-0.40	0.0	0	1 0	19.8	0 0	0.0	0.0	0.0	
VMP-62-5	12/18/2018	1130	0.00	0.00	0.0	0	0 9	20.0	0 0	0.0	0.0	0.0	
VMP-62-5	1/17/2019	0833	0.00	0.00	0.0	0	0.7	20.1	0 2	0.0	0.0	0.0	
VMP-62-5	2/13/2019	1402	0.00	0.00	0.0	0	0 5	20.4	0.1	0.0	0.0	0.0	
VMP-62-5	3/21/2019	0900	0.00	0.00	0.0	0	0 6	20.3	0.1	0.0	0.0	0.0	
VMP-62-5	4/23/2019	0824	0.00	0.00	0.0	0	1.4	19.5	0.7	0.0	0.0	0.0	
VMP-62-5-Dup	4/23/2019	0824	NM	NM	0.0	0	1 3	19.4	0.7	0.0	0.0	0.0	Duplicate sample.
VMP-62-5	5/20/2019	1406	0.00	-0.10	0.0	0	2 2	18.6	0 5	0.0	0.0	0.0	
VMP-62-5	6/19/2019	1507	0.00	0.00	0.0	0	3 3	17.4	0.1	0.0	0.0	0.0	
VMP-62-10	7/16/2018	1523	0.00	0.00	0.0	0	3 9	17.6	0 2	0.0	0.0	0.0	
VMP-62-10	8/22/2018	0943	-0.17	0.00	0.0	0	1.7	19.4	0.1	0.0	0.0	0.0	
VMP-62-10	9/18/2018	1351	0.00	0.00	0.0	0	2 3	18.4	0.1	0.0	0.0	0.0	
VMP-62-10	10/17/2018	1442	0.00	-0.29	0.0	0	2 5	19.0	0 0	0.0	0.0	0.0	
VMP-62-10	11/20/2018	1017	-0.75	-0.31	0.0	0	1.4	19.6	0 2	0.0	0.0	0.0	
VMP-62-10	12/18/2018	1131	-0.10	0.00	0.0	0	1 2	19.8	0 0	0.0	0.0	0.0	
VMP-62-10	1/17/2019	0834	-0.13	-0.14	0.0	0	1 0	20.0	0.1	0.0	0.0	0.0	
VMP-62-10	2/13/2019	1404	0.00	-0.18	0.0	0	0 8	20.1	0 0	0.0	0.0	0.0	
VMP-62-10	3/21/2019	0902	-0.17	-0.13	0.0	0	0 8	20.2	0.1	0.0	0.0	0.0	
VMP-62-10	4/23/2019	0826	-0.15	-0.15	0.0	0	1 2	19.5	0 3	0.0	0.0	0.0	
VMP-62-10	5/20/2019	1408	-0.16	-0.21	0.0	0	2.1	18.7	0.4	0.0	0.0	0.0	
VMP-62-10	6/19/2019	1508	-0.09	-0.14	0.0	0	3 2	17.9	0 0	0.0	0.0	0.0	
VMP-62-20	7/16/2018	1524	-1.17	-1.22	0.0	0	2 5	17.7	0.4	6.4	6.4	0.0	
VMP-62-20	8/22/2018	0944	-1.54	-1.36	0.0	0	3 2	18.0	0 2	3.8	3.8	0.0	
VMP-62-20	9/18/2018	1352	-1.53	-1.30	0.0	0	2 8	18.0	0 2	2.8	2.8	0.0	
VMP-62-20	10/17/2018	1443	-1.31	-1.28	0.0	0	1.7	19.6	2 3	4.2	0.0	4.2	
VMP-62-20	11/20/2018	1018	-1.54	-1.53	0.0	0	1 3	19.7	0 5	0.0	0.0	0.0	
VMP-62-20-Dup	11/20/2018	1018	NM	NM	0.0	0	1 3	19.7	0 5	0.0	0.0	0.0	Duplicate sample.
VMP-62-20	12/18/2018	1132	-1.08	-1.00	0.0	0	0 9	20.1	0 0	0.0	0.0	0.0	
VMP-62-20	1/17/2019	0835	-1.49	-1.52	0.0	0	0 9	20.2	0 3	0.0	0.0	0.0	
VMP-62-20	2/13/2019	1406	-0.31	-0.80	0.0	0	0 8	20.2	0 2	0.0	0.0	0.0	
VMP-62-20	3/21/2019	0904	-1.82	-1.68	0.0	0	0.7	20.3	0.1	0.0	0.0	0.0	
VMP-62-20	4/23/2019	0828	-1.85	-1.71	0.0	0	0 9	19.7	0 2	4.4	4.4	0.0	
VMP-62-20	5/20/2019	1410	-1.49	-1.64	0.0	0	1 6	19.2	0 8	1.3	1.3	0.0	
VMP-62-20	6/19/2019	1509	-0.52	-1.08	0.0	0	2 6	18.3	0 0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-62-30	7/16/2018	1525	-2.19	-2.27	0.0	0	1 8	19.3	0 2	0.0	0.0	0.0	
VMP-62-30	8/23/2018	0945	-3.30	-2.81	0.0	0	1 5	19.5	0 0	0.0	0.0	0.0	
VMP-62-30	9/18/2018	1353	-2.41	-2.46	0.0	0	1.4	19.1	0 2	0.0	0.0	0.0	
VMP-62-30	10/17/2018	1444	-3.46	-3.39	0.0	0	1 2	20.0	0.1	0.0	0.0	0.0	
VMP-62-30	11/20/2018	1019	-4.50	-3.14	0.0	0	0 8	20.2	0 3	0.0	0.0	0.0	
VMP-62-30	12/18/2018	1133	-2.69	-1.96	0.0	0	0.7	20.3	0.1	0.0	0.0	0.0	
VMP-62-30	1/17/2019	0836	-4.10	-2.82	0.0	0	0 5	20.5	0 2	0.0	0.0	0.0	
VMP-62-30	2/13/2019	1408	-1.20	-1.57	0.0	0	0 6	20.2	0 0	0.0	0.0	0.0	
VMP-62-30	3/21/2019	0906	-3.22	-3.13	0.0	0	0.4	20.5	0 0	0.0	0.0	0.0	
VMP-62-30	4/23/2019	0830	-3.36	-3.20	0.0	0	0 5	20.2	0 2	0.0	0.0	0.0	
VMP-62-30	5/20/2019	1412	-3.46	-2.97	0.0	0	0 8	19.6	0 5	0.0	0.0	0.0	
VMP-62-30	6/19/2019	1510	-0.84	-2.19	0.0	0	1.4	19.1	0 0	0.0	0.0	0.0	
VMP-63-5	7/16/2018	1504	-0.27	-0.25	0.0	0	0 2	20.8	0 0	0.0	0.0	0.0	
VMP-63-5	8/23/2018	0917	-0.30	-0.26	0.0	0	0 2	20.7	0.1	0.0	0.0	0.0	
VMP-63-5	9/18/2018	1325	-0.21	-0.27	0.0	0	0 2	20.5	0.1	0.0	0.0	0.0	
VMP-63-5	10/17/2018	1414	-0.33	-0.25	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-63-5	11/20/2018	0958	-0.40	-0.40	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-63-5	12/18/2018	1035	-0.25	-0.18	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-63-5	1/17/2019	0807	-0.42	-0.47	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-63-5	2/13/2019	1344	-0.26	-0.28	0.0	0	0.1	20.9	0.1	0.0	0.0	0.0	
VMP-63-5	3/21/2019	0824	-0.55	-0.53	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-63-5	4/23/2019	0755	-0.50	-0.41	0.0	0	0 2	20.7	0 0	0.0	0.0	0.0	
VMP-63-5	5/20/2019	1340	-0.50	-0.45	0.0	0	0 3	20.7	0 3	0.0	0.0	0.0	
VMP-63-5	6/19/2019	1447	0.00	0.00	0.0	0	0 2	20.5	0 0	0.0	0.0	0.0	
VMP-63-10	7/16/2018	1505	-0.55	-0.58	0.0	0	0 3	20.6	0 2	0.0	0.0	0.0	
VMP-63-10	8/23/2018	0918	-0.63	-0.60	0.0	0	0 3	20.6	0.1	0.0	0.0	0.0	
VMP-63-10	9/18/2018	1326	-0.46	-0.52	0.0	0	0 2	20.6	0.1	0.0	0.0	0.0	
VMP-63-10	10/17/2018	1415	-0.57	-0.49	0.0	0	0 0	20.8	0 0	0.0	0.0	0.0	
VMP-63-10	11/20/2018	0959	-0.88	-0.66	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-63-10	12/18/2018	1036	-0.44	-0.40	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-63-10	1/17/2019	0808	-0.75	-0.76	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-63-10	2/13/2019	1346	-0.63	-0.68	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-63-10	3/21/2019	0826	-1.54	-1.49	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-63-10	4/23/2019	0757	-1.74	-0.38	0.0	0	0 2	20.8	0.1	0.0	0.0	0.0	
VMP-63-10	5/20/2019	1342	-1.35	-1.20	0.0	0	0 3	20.7	0.4	0.0	0.0	0.0	
VMP-63-10	6/19/2019	1448	-0.10	-0.58	0.0	0	0.4	20.4	0 0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-63-20	7/16/2018	1506	-1.43	-1.52	0.0	0	0 0	20.9	0 5	0.0	0.0	0.0	
VMP-63-20	8/23/2018	0919	-1.94	-1.91	0.0	0	0 5	20.4	0.1	0.0	0.0	0.0	
VMP-63-20	9/18/2018	1327	-1.61	-1.65	0.0	0	0.4	20.4	0 2	0.0	0.0	0.0	
VMP-63-20	10/17/2018	1416	-1.72	-1.69	0.0	0	0 3	20.7	0.1	0.0	0.0	0.0	
VMP-63-20	11/20/2018	1000	-2.01	-1.98	0.0	0	0.1	20.8	0 0	0.0	0.0	0.0	
VMP-63-20	12/18/2018	1037	-1.48	-1.39	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-63-20	1/17/2019	0809	-1.89	-2.00	0.0	0	0.1	20.8	0 3	0.0	0.0	0.0	
VMP-63-20	2/13/2019	1348	-1.25	-1.31	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-63-20	3/20/2019	0828	-2.54	-2.47	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-63-20	4/23/2019	0757	-2.77	-2.65	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-63-20	5/20/2019	1344	-2.67	-2.41	0.0	0	0 2	20.4	0 9	0.0	0.0	0.0	
VMP-63-20	6/19/2019	1449	-0.25	-1.61	0.0	0	0 5	20.2	0 0	0.0	0.0	0.0	
VMP-63-30	7/16/2018	1507	-1.17	-1.22	0.0	0	0 0	20.9	0 3	0.0	0.0	0.0	
VMP-63-30	8/23/2018	0920	-2.29	-2.25	0.0	0	0 6	20.4	0.1	0.0	0.0	0.0	
VMP-63-30	9/18/2018	1328	-1.94	-1.94	0.0	0	0 5	20.2	0 2	0.0	0.0	0.0	
VMP-63-30	10/17/2018	1417	-2.09	-2.06	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-63-30	11/20/2018	1001	-1.92	-2.19	0.0	0	0 2	20.8	0 0	0.0	0.0	0.0	
VMP-63-30	12/18/2018	1038	-1.31	-1.59	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-63-30	1/17/2019	0810	-1.89	-2.40	0.0	0	0 2	20.8	0 5	0.0	0.0	0.0	
VMP-63-30	2/13/2019	1350	-1.12	-1.55	0.0	0	0.1	20.9	0 0	0.0	0.0	0.0	
VMP-63-30	3/21/2019	0830	-2.86	-2.82	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-63-30	4/23/2019	0801	-1.59	-2.97	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-63-30-Dup	4/23/2019	0801	-1.59	2.97	0.0	0	0.1	20.7	0 2	0.0	0.0	0.0	Duplicate sample.
VMP-63-30	5/20/2019	1346	-3.00	-2.71	0.0	0	0 3	20.4	0 6	0.0	0.0	0.0	
VMP-63-30	6/19/2019	1450	-0.33	-1.88	0.0	0	0 6	20.0	0.1	0.0	0.0	0.0	
VMP-64-5	7/16/2018	1453	0.00	0.00	0.0	0	0 3	20.4	0.1	0.0	0.0	0.0	
VMP-64-5	8/23/2018	0857	-0.10	0.00	0.0	0	0 3	20.6	0.1	0.0	0.0	0.0	
VMP-64-5	9/18/2018	1312	0.00	0.00	0.0	0	0 2	20.5	0 2	0.0	0.0	0.0	
VMP-64-5	10/17/2018	1358	0.00	0.00	0.0	0	0 2	20.8	0 0	0.0	0.0	0.0	
VMP-64-5	11/20/2018	0929	-0.10	-0.20	0.0	0	0 2	20.8	0.1	0.0	0.0	0.0	
VMP-64-5	12/18/2018	1014	0.00	0.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-64-5	1/16/2019	1437	0.00	0.00	0.0	0	0.1	20.8	0 2	0.0	0.0	0.0	
VMP-64-5	2/14/2019	0804	0.00	0.00	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-64-5	3/21/2019	0810	0.00	0.00	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	
VMP-64-5-Dup	3/21/2019	0810	NM	NM	0.0	0	0 0	20.9	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-64-5	4/22/2019	1426	0.00	0.00	0.0	0	0 0	20.9	0 2	0.0	0.0	0.0	
VMP-64-5	5/20/2019	1326	0.00	-0.15	0.0	0	1.1	19.4	0.4	0.0	0.0	0.0	
VMP-64-5	6/19/2019	1432	0.00	0.00	0.0	0	1.1	19.7	0.1	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
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)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-64-10	7/16/2018	1454	-0.12	-0.16	0.0	0	3 6	17.1	0.1	0.0	0.0	0.0	
VMP-64-10	8/23/2018	0858	-0.25	-0.17	0.0	0	3 0	18.0	0 2	0.0	0.0	0.0	
VMP-64-10	9/18/2018	1313	-0.09	0.00	0.0	0	3 0	17.6	0 2	0.0	0.0	0.0	
VMP-64-10	10/17/2018	1359	0.00	0.00	0.0	0	2 6	18.6	0 0	0.0	0.0	0.0	
VMP-64-10	11/20/2018	0930	-0.11	-0.34	0.0	0	1 8	19.4	0 0	0.0	0.0	0.0	
VMP-64-10	12/18/2018	1015	-0.13	0.00	0.0	0	0 8	20.2	0.1	0.0	0.0	0.0	
VMP-64-10	1/16/2019	1438	0.00	-0.16	0.0	0	1.4	19.9	0 2	0.0	0.0	0.0	
VMP-64-10	2/14/2019	0806	0.00	0.00	0.0	0	1 2	20.0	0 0	0.0	0.0	0.0	
VMP-64-10	3/21/2019	0812	-0.44	-0.44	0.0	0	0.7	20.4	0.1	0.0	0.0	0.0	
VMP-64-10	4/22/2019	1428	0.26	-0.18	0.0	0	0 8	20.0	0 2	0.0	0.0	0.0	
VMP-64-10	5/20/2019	1328	-0.45	-0.32	0.0	0	1 2	19.3	0 3	0.0	0.0	0.0	
VMP-64-10	6/19/2019	1433	0.00	-0.21	0.0	0	2 2	18.3	0.1	0.0	0.0	0.0	
VMP-64-20	7/16/2018	1455	-0.19	-0.28	0.0	0	3 0	17.6	0 2	0.0	0.0	0.0	
VMP-64-20	8/23/2018	0859	-0.43	-0.33	0.0	0	3.7	17.3	0 2	0.0	0.0	0.0	
VMP-64-20	9/18/2018	1314	-0.21	-0.15	0.0	0	3.4	17.2	0 3	0.0	0.0	0.0	
VMP-64-20	10/17/2018	1400	-0.26	-0.26	0.0	0	3 3	18.0	0 0	0.0	0.0	0.0	
VMP-64-20-Dup	10/17/2018	1400	NM	NM	0.0	0	3 3	18.0	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-64-20	11/20/2018	0931	-0.51	-0.44	0.0	0	0 0	20.9	0 0	0.0	0.0	0.0	
VMP-64-20	12/18/2018	1016	-0.15	0.00	0.0	0	2 0	19.4	0 2	0.0	0.0	0.0	
VMP-64-20-Dup	12/18/2018	1016	NM	NM	0.0	0	2 0	19.3	0 2	0.0	0.0	0.0	Duplicate sample.
VMP-64-20	1/16/2019	1439	-0.44	-0.32	0.0	0	1.7	19.6	0.1	0.0	0.0	0.0	
VMP-64-20	2/14/2019	0808	-0.83	-0.20	0.0	0	1 8	19.1	0 0	0.0	0.0	0.0	
VMP-64-20-Dup	2/14/2019	0808	NM	NM	0.0	0	1 8	19.2	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-64-20	3/21/2019	0814	-0.73	-0.71	0.0	0	1 5	19.9	0.1	0.0	0.0	0.0	
VMP-64-20	4/22/2019	1430	0.13	-0.25	0.0	0	1 9	19.2	0.4	0.0	0.0	0.0	
VMP-64-20	5/20/2019	1330	-0.65	-0.46	0.0	0	1 8	19.0	0 2	0.0	0.0	0.0	
VMP-64-20	6/19/2019	1434	0.00	-0.23	0.0	0	1 8	18.5	0 0	0.0	0.0	0.0	
VMP-64-20-Dup	6/19/2019	1434	NM	NM	0.0	0	1 8	18.6	0 0	0.0	0.0	0.0	Duplicate sample.
VMP-64-28	7/16/2018	1456	0.52	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	8/23/2018	0900	1.39	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	9/18/2018	1315	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	10/17/2018	1401	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	11/20/2018	0932	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	12/18/2018	1017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	1/16/2019	1440	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	2/14/2019	0810	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	3/21/2019	0816	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	4/22/2019	1432	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	5/20/2019	1332	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	6/19/2019	1435	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

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.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Acetone			Allyl chloride (3-Chloropropene)			Benzene			Bromodichloromethane			Bromoform		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070318	7/3/2018	2	U		2.7	U		38			1.4	U		2.2	U	
SVE Public Works Header	PW-Header-SVE-080118	8/1/2018	5.7	U		7.5	U		38			4	U		6.2	U	
SVE Public Works Header	PW-Header-SVE-090518	9/5/2018	1.5	U		2	U		34			1.1	U		1.7	U	
SVE Public Works Header	PW-Header-SVE-100218	10/2/2018	0.34	J		1.5	U		44			0.83	U		1.3	U	
SVE Public Works Header	PW-Header-SVE-110118	11/1/2018	2.2	U		3	U		68			1.6	U		2.4	U	
SVE Public Works Header	PW-Header-SVE-120418	12/4/2018	0.25	J		1.8	U		42			0.97	U		1.5	U	
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	1.4	U		1.8	U		39			0.97	U		1.5	U	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	11	U		15	U		34			8	U		12	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	2.8	U		3.7	U		46			2	U		3	U	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	1.4	J		9.7	U		30			5.2	U		8	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	1.6	J		9.6	U		26			5.1	U		7.9	U	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	5.6	U		7.4	U		39			4	U		6.2	U	
SVE Refinery Header	WFL-Header-SVE-070318	7/3/2018	3.9	U		5.1	U		31			2.7	U		4.2	U	
SVE Refinery Header	WFL-Header-SVE-080118	8/1/2018	5.8	U		7.6	U		34			4.1	U		6.3	U	
SVE Refinery Header	WFL-Header-SVE-090518	9/5/2018	4	U		5.2	U		31			2.8	U		4.3	U	
SVE Refinery Header	WFL-Header-SVE-100218	10/2/2018	2	U		2.6	U		29			1.4	U		2.1	U	
SVE Refinery Header	WFL-Header-SVE-110118	11/1/2018	2.8	U		3.8	U		47			2	U		3.1	U	
SVE Refinery Header	WFL-Header-SVE-120418	12/4/2018	2.2	U		2.9	U		28			1.6	U		2.4	U	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	1.4	U		1.8	U		24			0.97	U		1.5	U	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	24	U		32	U		18			17	U		26	U	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	2.8	U		3.7	U		21			2	U		3.1	U	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	4.3	J		32	U		26			17	U		26	U	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	23	U		31	U		27			16	U		25	U	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	5.6	U		7.4	U		43			4	U		6.2	U	
SVE RTO Exhaust	Exh-SVE-070318	7/3/2018	6.7	E	J	0.042	U		0.091			0.023	U		0.035	U	
SVE RTO Exhaust	Exh-SVE-080118	8/1/2018	6.5			0.16	U		0.28			0.086	U		0.13	U	
SVE RTO Exhaust	Exh-SVE-090518	9/5/2018	11			0.17	U		0.043			0.09	U		0.14	U	
SVE RTO Exhaust	Exh-SVE-100218	10/2/2018	7.6			0.11	U		0.22			0.061	U		0.094	U	
SVE RTO Exhaust	Exh-SVE-110118	11/1/2018	4			0.11	U		0.23			0.058	U		0.089	U	
SVE RTO Exhaust	Exh-SVE-120418	12/4/2018	0.29			0.052	U		0.2			0.028	U		0.043	U	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.18			0.053	U		0.21			0.028	U		0.044	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.53			0.076	U		0.4			0.04	U		0.062	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	1.1			0.15	U		0.41			0.081	U		0.12	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.38			0.071	U		0.1			0.038	U		0.058	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	5.1	E	J	0.048	U		0.083			0.026	U		0.039	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	7.1			0.19	U		0.32			0.1	U		0.16	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Bromomethane			1,3-Butadiene			Butane			2-Butanone			Carbon disulfide		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070318	7/3/2018	3.3	U		0.47	U		270			2.5	U		2.7	U	
SVE Public Works Header	PW-Header-SVE-080118	8/1/2018	9.3	U		1.3	U		240			7.1	U		7.5	U	
SVE Public Works Header	PW-Header-SVE-090518	9/5/2018	2.5	U		0.36	U		200			1.9	U		2	U	
SVE Public Works Header	PW-Header-SVE-100218	10/2/2018	1.9	U		0.27	U		180			1.4	U		1.5	U	
SVE Public Works Header	PW-Header-SVE-110118	11/1/2018	3.7	U		0.52	U		390			2.8	U		2.9	U	
SVE Public Works Header	PW-Header-SVE-120418	12/4/2018	2.3	U		0.32	U		200			1.7	U		1.8	U	
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	2.3	U		0.32	U		160			1.7	U		1.8	U	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	18	U		2.6	U		180			14	U		15	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	4.5	U		0.65	U		270			3.4	U		3.6	U	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	12	U		1.7	U		220			9.1	U		9.6	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	12	U		1.7	U		210			9	U		9.5	U	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	9.2	U		1.3	U		350			7	U		7.4	U	
SVE Refinery Header	WFL-Header-SVE-070318	7/3/2018	6.3	U		0.9	U		910			4.8	U		5.1	U	
SVE Refinery Header	WFL-Header-SVE-080118	8/1/2018	9.5	U		1.3	U		880			7.2	U		7.6	U	
SVE Refinery Header	WFL-Header-SVE-090518	9/5/2018	6.5	U		0.93	U		870			4.9	U		5.2	U	
SVE Refinery Header	WFL-Header-SVE-100218	10/2/2018	3.2	U		0.46	U		590			2.4	U		2.6	U	
SVE Refinery Header	WFL-Header-SVE-110118	11/1/2018	4.7	U		0.66	U		1100			3.5	U		3.7	U	
SVE Refinery Header	WFL-Header-SVE-120418	12/4/2018	3.6	U		0.52	U		660			2.7	U		2.9	U	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	2.3	U		0.32	U		400			1.7	U		1.8	U	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	39	U		5.6	U		410			30	U		31	U	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	4.6	U		0.66	U		630			3.5	U		3.7	U	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	40	U		5.6	U		840			30	U		32	U	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	38	U		5.4	U		770			29	U		31	U	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	9.2	U		1.3	U		860			7	U		7.4	U	
SVE RTO Exhaust	Exh-SVE-070318	7/3/2018	0.13	U		0.0075	U		0.89			1.4			0.042	U	
SVE RTO Exhaust	Exh-SVE-080118	8/1/2018	0.5	U		0.028	U		5.6			1.1			0.16	U	
SVE RTO Exhaust	Exh-SVE-090518	9/5/2018	0.52	U		0.03	U		0.13	U		1.9			0.17	U	
SVE RTO Exhaust	Exh-SVE-100218	10/2/2018	0.36	U		0.02	U		3.6			1.6			0.11	U	
SVE RTO Exhaust	Exh-SVE-110118	11/1/2018	0.33	U		0.019	U		4.5			0.71			0.11	U	
SVE RTO Exhaust	Exh-SVE-120418	12/4/2018	0.16	U		0.0091	U		2.8			0.025	J		0.051	U	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.16	U		0.0093	U		0.9			0.018	J		0.052	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.23	U		0.0054	J		2.3			0.063	J		0.075	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.47	U		0.027	U		3.9			0.094	J		0.15	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.22	U		0.012	U		3.1			0.043	J		0.07	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.15	U		0.0084	U		1.8			0.67			0.047	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.59	U		0.034	U		4.9			1.1			0.19	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070318	7/3/2018	1.3	U		0.99	U		1.8	U		2.3	U		1	U	
SVE Public Works Header	PW-Header-SVE-080118	8/1/2018	3.8	U		2.8	U		5.1	U		6.3	U		2.9	U	
SVE Public Works Header	PW-Header-SVE-090518	9/5/2018	1	U		0.75	U		1.4	U		1.7	U		0.79	U	
SVE Public Works Header	PW-Header-SVE-100218	10/2/2018	0.78	U		0.57	U		1	U		1.3	U		0.6	U	
SVE Public Works Header	PW-Header-SVE-110118	11/1/2018	1.5	U		1.1	U		2	U		2.5	U		1.2	U	
SVE Public Works Header	PW-Header-SVE-120418	12/4/2018	0.92	U		0.67	U		1.2	U		1.5	U		0.71	U	
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	0.92	U		0.67	U		1.2	U		1.5	U		0.71	U	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	7.5	U		5.5	U		10	U		12	U		5.8	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	1.8	U		1.3	U		2.5	U		3.1	U		1.4	U	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	4.9	U		3.6	U		6.6	U		8.2	U		3.8	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	4.8	U		3.5	U		6.5	U		8.1	U		3.7	U	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	3.7	U		2.7	U		5.1	U		6.3	U		2.9	U	
SVE Refinery Header	WFL-Header-SVE-070318	7/3/2018	2.6	U		1.9	U		3.5	U		4.3	U		2	U	
SVE Refinery Header	WFL-Header-SVE-080118	8/1/2018	3.8	U		2.8	U		5.2	U		6.4	U		3	U	
SVE Refinery Header	WFL-Header-SVE-090518	9/5/2018	2.6	U		1.9	U		3.6	U		4.4	U		2	U	
SVE Refinery Header	WFL-Header-SVE-100218	10/2/2018	1.3	U		0.95	U		1.8	U		2.2	U		1	U	
SVE Refinery Header	WFL-Header-SVE-110118	11/1/2018	1.9	U		1.4	U		2.6	U		3.2	U		1.5	U	
SVE Refinery Header	WFL-Header-SVE-120418	12/4/2018	1.5	U		1.1	U		2	U		2.4	U		1.1	U	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.92	U		0.67	U		1.2	U		1.5	U		0.71	U	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	16	U		12	U		21	U		26	U		12	U	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	1.9	U		1.4	U		2.5	U		3.1	U		1.4	U	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	16	U		12	U		22	U		27	U		12	U	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	15	U		11	U		21	U		26	U		12	U	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	3.7	U		2.7	U		5.1	U		6.3	U		2.9	U	
SVE RTO Exhaust	Exh-SVE-070318	7/3/2018	0.021	U		0.016	U		0.029	U		0.036	U		0.016	U	
SVE RTO Exhaust	Exh-SVE-080118	8/1/2018	0.08	U		0.059	U		0.11	U		0.14	U		0.062	U	
SVE RTO Exhaust	Exh-SVE-090518	9/5/2018	0.085	U		0.062	U		0.11	U		0.14	U		0.066	U	
SVE RTO Exhaust	Exh-SVE-100218	10/2/2018	0.058	U		0.042	U		0.078	U		0.096	U		0.045	U	
SVE RTO Exhaust	Exh-SVE-110118	11/1/2018	0.054	U		0.04	U		0.073	U		0.091	U		0.042	U	
SVE RTO Exhaust	Exh-SVE-120418	12/4/2018	0.026	U		0.019	U		0.035	U		0.044	U		0.02	U	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.026	U		0.019	U		0.036	U		0.044	U		0.0027	J	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.038	U		0.028	U		0.052	U		0.064	U		0.03	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.076	U		0.056	U		0.1	U		0.13	U		0.059	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.036	U		0.026	U		0.048	U		0.06	U		0.028	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.024	U		0.018	U		0.032	U		0.04	U		0.019	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.096	U		0.07	U		0.13	U		0.16	U		0.074	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070318	7/3/2018	1.8	U		1.1	U		24			1.6	U		1.3	U	
SVE Public Works Header	PW-Header-SVE-080118	8/1/2018	5	U		3.1	U		24			4.6	U		3.6	U	
SVE Public Works Header	PW-Header-SVE-090518	9/5/2018	1.3	U		0.84	U		22			1.2	U		0.98	U	
SVE Public Works Header	PW-Header-SVE-100218	10/2/2018	1	U		0.64	U		22			0.95	U		0.74	U	
SVE Public Works Header	PW-Header-SVE-110118	11/1/2018	2	U		1.2	U		41			1.8	U		1.4	U	
SVE Public Works Header	PW-Header-SVE-120418	12/4/2018	1.2	U	UJ	0.75	U		24			1.1	U		0.87	U	
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	1.2	U		0.75	U		25			1.1	U		0.87	U	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	9.8	U		25	U		25			9.1	U		7.2	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	2.4	U		1.5	U		32			2.2	U		1.8	U	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	6.4	U		4	U		25			6	U		4.6	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	6.3	U		4	U		23			5.9	U		4.6	U	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	4.9	U		3.1	U		36			4.6	U		3.6	U	
SVE Refinery Header	WFL-Header-SVE-070318	7/3/2018	3.4	U		2.1	U		43			3.1	U		2.4	U	
SVE Refinery Header	WFL-Header-SVE-080118	8/1/2018	5	U		3.2	U		54			4.7	U		3.7	U	
SVE Refinery Header	WFL-Header-SVE-090518	9/5/2018	3.5	U		2.2	U		55			3.2	U		2.5	U	
SVE Refinery Header	WFL-Header-SVE-100218	10/2/2018	1.7	U		1.1	U		37			1.6	U		1.2	U	
SVE Refinery Header	WFL-Header-SVE-110118	11/1/2018	2.5	U		1.6	U		73			2.3	U		1.8	U	
SVE Refinery Header	WFL-Header-SVE-120418	12/4/2018	1.9	U	UJ	1.2	U		44			1.8	U		1.4	U	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	1.2	U		0.75	U		35			1.1	U		0.87	U	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	21	U		52	U		29			19	U		15	U	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	2.4	U		1.5	U		34			2.3	U		1.8	U	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	21	U		13	U		39			20	U		15	U	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	20	U		13	U		44			19	U		15	U	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	4.9	U		3.1	U		71			4.6	U		3.6	U	
SVE RTO Exhaust	Exh-SVE-070318	7/3/2018	0.07	U		0.017	U		0.062			0.026	U		0.02	U	
SVE RTO Exhaust	Exh-SVE-080118	8/1/2018	0.26	U		0.066	U		0.27			0.098	U		0.077	U	
SVE RTO Exhaust	Exh-SVE-090518	9/5/2018	0.028	J		0.07	U		0.059			0.1	U		0.081	U	
SVE RTO Exhaust	Exh-SVE-100218	10/2/2018	0.19	U		0.047	U		0.21			0.07	U		0.055	U	
SVE RTO Exhaust	Exh-SVE-110118	11/1/2018	0.18	U		0.044	U		0.25			0.066	U		0.052	U	
SVE RTO Exhaust	Exh-SVE-120418	12/4/2018	0.085	U		0.021	U		0.16			0.032	U		0.025	U	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.087	U		0.022	U		0.096			0.032	U		0.025	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.12	U		0.031	U		0.18			0.046	U		0.036	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.25	U		0.063	U		0.21			0.093	U		0.073	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.12	U		0.029	U		0.12			0.043	U		0.034	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.079	U		0.02	U		0.076			0.029	U		0.023	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.31	U		0.079	U		0.49			0.12	U		0.092	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
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/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070318	7/3/2018	1.3	U		1.3	U		1.1	U		0.87	U		0.87	U	
SVE Public Works Header	PW-Header-SVE-080118	8/1/2018	3.6	U		3.6	U		3	U		2.4	U		2.4	U	
SVE Public Works Header	PW-Header-SVE-090518	9/5/2018	0.98	U		0.98	U		0.8	U		0.66	U		0.66	U	
SVE Public Works Header	PW-Header-SVE-100218	10/2/2018	0.74	U		0.74	U		0.61	U		0.5	U		0.5	U	
SVE Public Works Header	PW-Header-SVE-110118	11/1/2018	1.4	U		1.4	U		1.2	U		0.96	U		0.96	U	
SVE Public Works Header	PW-Header-SVE-120418	12/4/2018	0.87	U		0.87	U		0.72	U		0.59	U		0.59	U	
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	0.87	U		0.87	U		0.72	U		0.59	U		0.59	U	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	7.2	U		7.2	U		5.9	U		4.8	U		4.8	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	1.8	U		1.8	U		1.4	U		1.2	U		1.2	U	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	4.6	U		4.6	U		3.8	U		3.1	U		3.1	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	4.6	U		4.6	U		3.8	U		3.1	U		3.1	U	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	3.6	U		3.6	U		2.9	U		2.4	U		2.4	U	
SVE Refinery Header	WFL-Header-SVE-070318	7/3/2018	2.4	U		2.4	U		2	U		1.6	U		1.6	U	
SVE Refinery Header	WFL-Header-SVE-080118	8/1/2018	3.7	U		3.7	U		3	U		2.5	U		2.5	U	
SVE Refinery Header	WFL-Header-SVE-090518	9/5/2018	2.5	U		2.5	U		2.1	U		1.7	U		1.7	U	
SVE Refinery Header	WFL-Header-SVE-100218	10/2/2018	1.2	U		1.2	U		1	U		0.83	U		0.83	U	
SVE Refinery Header	WFL-Header-SVE-110118	11/1/2018	1.8	U		1.8	U		1.5	U		1.2	U		1.2	U	
SVE Refinery Header	WFL-Header-SVE-120418	12/4/2018	1.4	U		1.4	U		1.2	U		0.94	U		0.94	U	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.87	U		0.87	U		0.72	U		0.59	U		0.59	U	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	15	U		15	U		12	U		10	U		10	U	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	1.8	U		1.8	U		1.5	U		1.2	U		1.2	U	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	15	U		15	U		13	U		10	U		10	U	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	15	U		15	U		12	U		10	U		10	U	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	3.6	U		3.6	U		2.9	U		2.4	U		2.4	U	
SVE RTO Exhaust	Exh-SVE-070318	7/3/2018	0.02	U		0.02	U		0.017	U		0.014	U		0.014	U	
SVE RTO Exhaust	Exh-SVE-080118	8/1/2018	0.077	U		0.077	U		0.063	U		0.052	U		0.052	U	
SVE RTO Exhaust	Exh-SVE-090518	9/5/2018	0.081	U		0.081	U		0.066	U		0.054	U		0.054	U	
SVE RTO Exhaust	Exh-SVE-100218	10/2/2018	0.055	U		0.055	U		0.045	U		0.037	U		0.037	U	
SVE RTO Exhaust	Exh-SVE-110118	11/1/2018	0.052	U		0.052	U		0.042	U		0.035	U		0.035	U	
SVE RTO Exhaust	Exh-SVE-120418	12/4/2018	0.025	U		0.025	U		0.02	U		0.017	U		0.017	U	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.025	U		0.025	U		0.021	U		0.017	U		0.017	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.036	U		0.036	U		0.03	U		0.024	U		0.024	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.073	U		0.073	U		0.06	U		0.049	U		0.049	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.034	U		0.034	U		0.028	U		0.023	U		0.023	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.023	U		0.023	U		0.019	U		0.015	U		0.015	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.092	U		0.092	U		0.075	U		0.062	U		0.062	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
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/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070318	7/3/2018	0.85	U		0.85	U		0.85	U		3	U		0.99	U	
SVE Public Works Header	PW-Header-SVE-080118	8/1/2018	2.4	U		2.4	U		2.4	U		8.3	U		2.8	U	
SVE Public Works Header	PW-Header-SVE-090518	9/5/2018	0.64	U		0.64	U		0.64	U		2.2	U		0.75	U	
SVE Public Works Header	PW-Header-SVE-100218	10/2/2018	0.49	U		0.49	U		0.49	U		1.7	U		0.57	U	
SVE Public Works Header	PW-Header-SVE-110118	11/1/2018	0.94	U		0.94	U		0.94	U		3.3	U		1.1	U	
SVE Public Works Header	PW-Header-SVE-120418	12/4/2018	0.58	U		0.58	U		0.58	U		2	U		0.67	U	
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	0.58	U		0.58	U		0.58	U		2	U		0.67	U	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	4.7	U		4.7	U		4.7	U		16	U		5.5	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	1.2	U		1.2	U		1.2	U		4.1	U		1.4	U	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	3.1	U		3.1	U		3.1	U		11	U		3.6	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	3	U		3	U		3	U		11	U		3.5	U	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	2.4	U		2.4	U		2.4	U		8.3	U		2.7	U	
SVE Refinery Header	WFL-Header-SVE-070318	7/3/2018	1.6	U		1.6	U		1.6	U		5.6	U		1.9	U	
SVE Refinery Header	WFL-Header-SVE-080118	8/1/2018	2.4	U		2.4	U		2.4	U		8.5	U		2.8	U	
SVE Refinery Header	WFL-Header-SVE-090518	9/5/2018	1.7	U		1.7	U		1.7	U		0.54	J		1.9	U	
SVE Refinery Header	WFL-Header-SVE-100218	10/2/2018	0.82	U		0.82	U		0.82	U		2.9	U		0.95	U	
SVE Refinery Header	WFL-Header-SVE-110118	11/1/2018	1.2	U		1.2	U		1.2	U		4.2	U		1.4	U	
SVE Refinery Header	WFL-Header-SVE-120418	12/4/2018	0.92	U		0.92	U		0.92	U		3.2	U		1.1	U	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.58	U		0.58	U		0.58	U		2	U		0.67	U	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	10	U		10	U		10	U		35	U		12	U	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	1.2	U		1.2	U		1.2	U		4.1	U		1.4	U	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	10	U		10	U		10	U		35	U		12	U	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	9.8	U		9.8	U		9.8	U		34	U		11	U	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	2.4	U		2.4	U		2.4	U		8.3	U		2.7	U	
SVE RTO Exhaust	Exh-SVE-070318	7/3/2018	0.013	U		0.013	U		0.013	U		0.12	U		0.016	U	
SVE RTO Exhaust	Exh-SVE-080118	8/1/2018	0.051	U		0.051	U		0.051	U		0.44	U		0.059	U	
SVE RTO Exhaust	Exh-SVE-090518	9/5/2018	0.053	U		0.053	U		0.053	U		0.47	U		0.062	U	
SVE RTO Exhaust	Exh-SVE-100218	10/2/2018	0.036	U		0.036	U		0.036	U		0.32	U		0.042	U	
SVE RTO Exhaust	Exh-SVE-110118	11/1/2018	0.034	U		0.034	U		0.034	U		0.3	U		0.04	U	
SVE RTO Exhaust	Exh-SVE-120418	12/4/2018	0.016	U		0.016	U		0.016	U		0.14	U		0.019	U	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.017	U		0.017	U		0.017	U		0.15	U		0.019	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.024	U		0.024	U		0.024	U		0.21	U		0.028	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.048	U		0.048	U		0.048	U		0.42	U		0.056	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.022	U		0.022	U		0.022	U		0.2	U		0.026	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.015	U		0.015	U		0.015	U		0.13	U		0.018	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.06	U		0.06	U		0.06	U		0.53	U		0.07	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
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/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070318	7/3/2018	0.97	U		0.97	U		3.1	U		1.6	U		2.8		
SVE Public Works Header	PW-Header-SVE-080118	8/1/2018	2.7	U		2.7	U		8.6	U		4.5	U		1.3	J	
SVE Public Works Header	PW-Header-SVE-090518	9/5/2018	0.74	U		0.74	U		2.3	U		1.2	U		0.53	J	
SVE Public Works Header	PW-Header-SVE-100218	10/2/2018	0.56	U		0.56	U		1.8	U		0.93	U		1.2		
SVE Public Works Header	PW-Header-SVE-110118	11/1/2018	1.1	U		1.1	U		3.4	U		1.8	U		1.8		
SVE Public Works Header	PW-Header-SVE-120418	12/4/2018	0.66	U		0.66	U		2.1	U		1.1	U		1.5		
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	0.66	U		0.66	U		2.1	U		1.1	U		2.4		
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	5.4	U		5.4	U		17	U		9	U		1.8	J	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	1.3	U		1.3	U		4.2	U		2.2	U		4.3		
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	3.5	U		3.5	U		11	U		5.8	U		1.4	J	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	3.5	U		3.5	U		11	U		5.8	U		1.6	J	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	2.7	U		2.7	U		8.6	U		4.5	U		4.7		
SVE Refinery Header	WFL-Header-SVE-070318	7/3/2018	1.8	U		1.8	U		5.9	U		3.1	U		6.6		
SVE Refinery Header	WFL-Header-SVE-080118	8/1/2018	2.8	U		2.8	U		8.8	U		4.6	U		8.6		
SVE Refinery Header	WFL-Header-SVE-090518	9/5/2018	1.9	U		1.9	U		6	U		3.2	U		5.1		
SVE Refinery Header	WFL-Header-SVE-100218	10/2/2018	0.93	U		0.93	U		3	U		1.6	U		5.3		
SVE Refinery Header	WFL-Header-SVE-110118	11/1/2018	1.4	U		1.4	U		4.3	U		2.3	U		9.2		
SVE Refinery Header	WFL-Header-SVE-120418	12/4/2018	1	U		1	U		3.4	U		1.8	U		6		
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.66	U		0.66	U		2.1	U		1.1	U		5.7		
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	11	U		11	U		36	U		19	U		3.1	J	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	1.4	U		1.4	U		4.3	U		2.2	U		3.9		
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	12	U		12	U		37	U		19	U		3.1	J	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	11	U		11	U		35	U		18	U		4.2	J	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	2.7	U		2.7	U		8.6	U		4.5	U		19		
SVE RTO Exhaust	Exh-SVE-070318	7/3/2018	0.015	U		0.015	U		0.049	U		0.1			0.015		
SVE RTO Exhaust	Exh-SVE-080118	8/1/2018	0.058	U		0.058	U		0.18	U		0.1			0.046	J	
SVE RTO Exhaust	Exh-SVE-090518	9/5/2018	0.061	U		0.061	U		0.19	U		0.19			0.058	U	
SVE RTO Exhaust	Exh-SVE-100218	10/2/2018	0.042	U		0.042	U		0.13	U		0.14			0.057		
SVE RTO Exhaust	Exh-SVE-110118	11/1/2018	0.039	U		0.039	U		0.12	U		0.062	J		0.059		
SVE RTO Exhaust	Exh-SVE-120418	12/4/2018	0.019	U		0.019	U		0.059	U		0.031	U		0.033		
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.019	U		0.019	U		0.061	U		0.032	U		0.015	J	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.027	U		0.027	U		0.087	U		0.046	U		0.041		
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.055	U		0.055	U		0.17	U		0.091	U		0.042	J	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.026	U		0.026	U		0.081	U		0.042	U		0.024	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.017	U		0.017	U		0.055	U		0.11			0.016	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.069	U		0.069	U		0.22	U		0.12			0.1		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070318	7/3/2018	0.41	J		1.6	U		1.5	U		22			9.2	U	
SVE Public Works Header	PW-Header-SVE-080118	8/1/2018	2.9	U		4.6	U		4.2	U		16			26	U	
SVE Public Works Header	PW-Header-SVE-090518	9/5/2018	0.8	U		1.2	U		1.1	U		15			6.9	U	
SVE Public Works Header	PW-Header-SVE-100218	10/2/2018	0.61	U		0.95	U		0.86	U		16			5.3	U	
SVE Public Works Header	PW-Header-SVE-110118	11/1/2018	1.2	U		1.8	U		1.6	U		31			10	U	
SVE Public Works Header	PW-Header-SVE-120418	12/4/2018	0.72	U		1.1	U		1	U		18			6.2	U	
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	0.51	J		1.1	U		1	U		21			6.2	U	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	5.8	U		9.1	U		8.3	U		23			51	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	0.81	J		2.2	U		2	U		31			12	U	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	3.8	U		5.9	U		5.4	U		22			33	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	3.8	U		5.9	U		5.3	U		20			33	U	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	2.9	U		4.6	U		4.2	U		28			25	U	
SVE Refinery Header	WFL-Header-SVE-070318	7/3/2018	1.1	J		3.1	U		2.8	U		43			17	U	
SVE Refinery Header	WFL-Header-SVE-080118	8/1/2018	1.5	J		4.7	U		4.3	U		52			26	U	
SVE Refinery Header	WFL-Header-SVE-090518	9/5/2018	0.87	J		3.2	U		2.9	U		53			18	U	
SVE Refinery Header	WFL-Header-SVE-100218	10/2/2018	0.74	J		1.6	U		1.4	U		45			8.8	U	
SVE Refinery Header	WFL-Header-SVE-110118	11/1/2018	0.75	J		2.3	U		2.1	U		77			13	U	
SVE Refinery Header	WFL-Header-SVE-120418	12/4/2018	0.9	J		1.8	U		1.6	U		39			9.9	U	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.98			1.1	U		1	U		31			6.2	U	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	12	U		19	U		18	U		33			110	U	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	0.5	J		2.3	U		2.1	U		35			13	U	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	12	U		20	U		18	U		41			110	U	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	12	U		19	U		17	U		40			100	U	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	2.8	J		4.6	U		4.2	U		68			25	U	
SVE RTO Exhaust	Exh-SVE-070318	7/3/2018	0.017	U		0.026	U		0.024	U		0.14			0.14	U	
SVE RTO Exhaust	Exh-SVE-080118	8/1/2018	0.063	U		0.098	U		0.089	U		0.4			0.55	U	
SVE RTO Exhaust	Exh-SVE-090518	9/5/2018	0.066	U		0.1	U		0.094	U		0.09			0.57	U	
SVE RTO Exhaust	Exh-SVE-100218	10/2/2018	0.018	J		0.07	U		0.064	U		0.38			0.39	U	
SVE RTO Exhaust	Exh-SVE-110118	11/1/2018	0.027	J		0.066	U		0.06	U		0.43			0.37	U	
SVE RTO Exhaust	Exh-SVE-120418	12/4/2018	0.016	J		0.032	U		0.029	U		0.26			0.18	U	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.021	U		0.032	U		0.029	U		0.13			0.18	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.016	J		0.046	U		0.042	U		0.29			0.26	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.059	U		0.093	U		0.084	U		0.26			0.52	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.028	U		0.043	U		0.039	U		0.15			0.24	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.019	U		0.029	U		0.027	U		0.15			0.16	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.075	U		0.12	U		0.11	U		0.6			0.65	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
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/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070318	7/3/2018	88			3.5	U		790			1.4			0.88	U	
SVE Public Works Header	PW-Header-SVE-080118	8/1/2018	70			9.8	U		690			1.1	J		2.4	U	
SVE Public Works Header	PW-Header-SVE-090518	9/5/2018	73			2.7	U		690			0.57	J		0.66	U	
SVE Public Works Header	PW-Header-SVE-100218	10/2/2018	57			2	U		470			1.2			0.5	U	
SVE Public Works Header	PW-Header-SVE-110118	11/1/2018	130			3.9	U		1000			2.2			0.97	U	
SVE Public Works Header	PW-Header-SVE-120418	12/4/2018	75			2.4	U		630			1.5			0.6	U	
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	67			2.4	U		520			2.3			0.6	U	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	68			19	U		440			1.2	J		19	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	89			4.8	U		760			2			1.2	U	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	75			13	U		550			1.2	J		3.2	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	59			12	U		520			1.2	J		3.1	U	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	100			9.7	U	UJ	940			3.6			2.4	U	
SVE Refinery Header	WFL-Header-SVE-070318	7/3/2018	350			6.7	U		1500			0.84	J		1.7	U	
SVE Refinery Header	WFL-Header-SVE-080118	8/1/2018	350			10	U		1400			1.2	J		2.5	U	
SVE Refinery Header	WFL-Header-SVE-090518	9/5/2018	350			6.9	U		1500			0.88	J		1.7	U	
SVE Refinery Header	WFL-Header-SVE-100218	10/2/2018	240			3.4	U		920			0.84	J		0.84	U	
SVE Refinery Header	WFL-Header-SVE-110118	11/1/2018	500			4.9	U		1700			1.6			1.2	U	
SVE Refinery Header	WFL-Header-SVE-120418	12/4/2018	280			3.8	U		1100			0.82	J		0.95	U	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	220			2.4	U		820			0.82			0.6	U	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	170			41	U		690			12	U		41	U	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	230			4.9	U		1100			0.46	J		1.2	U	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	290			42	U		1300			12	U		10	U	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	290			40	U		1300			12	U		10	U	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	400			9.7	U	UJ	1400			2.6	J		2.4	U	
SVE RTO Exhaust	Exh-SVE-070318	7/3/2018	0.56			0.17			1.7			0.017	U		0.014	U	
SVE RTO Exhaust	Exh-SVE-080118	8/1/2018	2.1			0.11	J		8.6			0.012	J		0.052	U	
SVE RTO Exhaust	Exh-SVE-090518	9/5/2018	0.45			0.16	J		1.8			0.066	U		0.055	U	
SVE RTO Exhaust	Exh-SVE-100218	10/2/2018	1.5			0.2			5.4			0.015	J		0.037	U	
SVE RTO Exhaust	Exh-SVE-110118	11/1/2018	1.8			0.062	J		6.1			0.015	J		0.035	U	
SVE RTO Exhaust	Exh-SVE-120418	12/4/2018	1.3			0.068	U		4.3			0.011	J		0.017	U	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.41			0.069	U		2.3			0.011	J		0.017	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.98			0.099	U		4.4			0.041			0.025	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	1.3			0.2	U		7.1			0.029	J		0.05	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	1.1			0.092	U		4.4			0.028	U		0.023	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.75			0.078			2.6			0.019	U		0.016	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	2.9			0.13	J		9.6			0.025	J		0.062	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
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/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070318	7/3/2018	0.77	U		2.1	U		2.2			0.91	U		1.5	U	
SVE Public Works Header	PW-Header-SVE-080118	8/1/2018	2.2	U		5.9	U		1.4	J		2.6	U		4.1	U	
SVE Public Works Header	PW-Header-SVE-090518	9/5/2018	0.58	U		1.6	U		0.84			0.69	U		1.1	U	
SVE Public Works Header	PW-Header-SVE-100218	10/2/2018	0.44	U		1.2	U		2.2			0.53	U		0.85	U	
SVE Public Works Header	PW-Header-SVE-110118	11/1/2018	0.85	U		2.3	U		3.4			1	U		1.6	U	
SVE Public Works Header	PW-Header-SVE-120418	12/4/2018	0.52	U		1.4	U		2.3			0.62	U		1	U	
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	0.52	U		1.4	U		3.6			0.62	U		1	U	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	4.3	U		12	U		2	J		5.1	U		8.2	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	1	U		2.9	U		2.8			1.2	U		2	U	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	2.8	U		7.6	U		1.7	J		3.3	U		5.3	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	2.8	U		7.5	U		1.8	J		3.2	U		5.2	U	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	2.1	U		5.8	U		5.5			2.5	U		4.1	U	
SVE Refinery Header	WFL-Header-SVE-070318	7/3/2018	1.5	U		4	U		1.1	J		1.7	U		2.8	U	
SVE Refinery Header	WFL-Header-SVE-080118	8/1/2018	2.2	U		6	U		1.5	J		2.6	U		4.2	U	
SVE Refinery Header	WFL-Header-SVE-090518	9/5/2018	1.5	U		4.1	U		0.96	J		1.8	U		2.9	U	
SVE Refinery Header	WFL-Header-SVE-100218	10/2/2018	0.74	U		2	U		0.98	J		0.88	U		1.4	U	
SVE Refinery Header	WFL-Header-SVE-110118	11/1/2018	1.1	U		2.9	U		2.2			1.3	U		2	U	
SVE Refinery Header	WFL-Header-SVE-120418	12/4/2018	0.84	U		2.3	U		1.1	J		0.99	U		1.6	U	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.52	U		1.4	U		1			0.62	U		1	U	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	9.1	U		25	U		12	U		11	U		17	U	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	1.1	U		2.9	U		0.52	J		1.3	U		2	U	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	9.2	U		25	U		12	U		11	U		18	U	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	8.9	U		24	U		12	U		10	U		17	U	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	2.1	U		5.8	U		3.5			2.5	U		4.1	U	
SVE RTO Exhaust	Exh-SVE-070318	7/3/2018	0.049	U		0.066			0.017	U		0.014	U		0.023	U	
SVE RTO Exhaust	Exh-SVE-080118	8/1/2018	0.18	U		0.053	J		0.021	J		0.054	U		0.088	U	
SVE RTO Exhaust	Exh-SVE-090518	9/5/2018	0.19	U		0.074	J		0.066	U		0.057	U		0.092	U	
SVE RTO Exhaust	Exh-SVE-100218	10/2/2018	0.13	U		0.11			0.029	J		0.039	U		0.063	U	
SVE RTO Exhaust	Exh-SVE-110118	11/1/2018	0.12	U		0.042	J		0.023	J		0.037	U		0.059	U	
SVE RTO Exhaust	Exh-SVE-120418	12/4/2018	0.059	U		0.012	J		0.019	J		0.018	U		0.028	U	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.061	U		0.0062	J		0.022			0.018	U		0.029	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.087	U		0.028	J		0.08			0.026	U		0.042	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.17	U		0.12	U		0.058	J		0.052	U		0.083	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.081	U		0.013	J		0.0028	J		0.024	U		0.039	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.055	U		0.082			0.019	U		0.016	U		0.026	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.22	U		0.17			0.043	J		0.065	U		0.1	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
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/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070318	7/3/2018	1.4	U		0.63	U		0.3	J		6.4	U		1.2	U	
SVE Public Works Header	PW-Header-SVE-080118	8/1/2018	4.1	U		1.8	U		2.3	U		18	U		3.3	U	
SVE Public Works Header	PW-Header-SVE-090518	9/5/2018	0.41	J		0.48	U		0.25	J		4.8	U		0.89	U	
SVE Public Works Header	PW-Header-SVE-100218	10/2/2018	0.84	U		0.36	ND,UJ	UJ	0.15	J		3.7	U		0.67	U	
SVE Public Works Header	PW-Header-SVE-110118	11/1/2018	1.6	U		0.7	U		0.89	U		7	U		1.3	U	
SVE Public Works Header	PW-Header-SVE-120418	12/4/2018	0.99	U		0.43	U		0.2	J		4.3	U		0.79	U	
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	0.99	U		1.5			0.3	J		4.3	U		0.79	U	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	8.1	U		3.5	U		2.1	J CN	J	35	U		6.5	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	2	U		0.86	U		0.51	J		8.7	U		1.6	U	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	5.2	U		2.3	U		2.1	J CN	J	23	U		4.2	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	5.2	U		2.2	U		1.7	J CN	J	23	U		4.2	U	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	4	U		1.8	U		2.2	U		18	U		3.2	U	
SVE Refinery Header	WFL-Header-SVE-070318	7/3/2018	2.8	U		1.2	U		3.9			12	U		2.2	U	
SVE Refinery Header	WFL-Header-SVE-080118	8/1/2018	4.1	U		1.8	U		7.5			18	U		3.3	U	
SVE Refinery Header	WFL-Header-SVE-090518	9/5/2018	2.8	U		1.2	U		5.6			12	U		2.3	U	
SVE Refinery Header	WFL-Header-SVE-100218	10/2/2018	1.4	U		0.61	ND,UJ	UJ	5.7			6.1	U		1.1	U	
SVE Refinery Header	WFL-Header-SVE-110118	11/1/2018	2	U		0.88	U		10			8.9	U		1.6	U	
SVE Refinery Header	WFL-Header-SVE-120418	12/4/2018	1.6	U		0.69	U		6.3			6.9	U		1.3	U	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.99	U		1.4			2.7			4.3	U		0.79	U	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	17	U		7.4	U		5.8	J CN	J	75	U		14	U	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	2	U		0.88	U		2.2			8.8	U		1.6	U	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	17	U		7.5	U		7	J CN	J	76	U		14	U	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	17	U		7.2	U		5.2	J CN	J	73	U		13	U	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	4	U		1.8	U		6.8			18	U		3.2	U	
SVE RTO Exhaust	Exh-SVE-070318	7/3/2018	0.023	U		0.01	U		0.013			0.1	U		0.018	U	
SVE RTO Exhaust	Exh-SVE-080118	8/1/2018	0.087	U		0.038	U		0.056			0.38	U		0.07	U	
SVE RTO Exhaust	Exh-SVE-090518	9/5/2018	0.091	U		0.04	U		0.051	U		0.4	U		0.073	U	
SVE RTO Exhaust	Exh-SVE-100218	10/2/2018	0.062	U		0.027	U		0.052			0.27	U		0.05	U	
SVE RTO Exhaust	Exh-SVE-110118	11/1/2018	0.058	U		0.025	U		0.067			0.26	U		0.047	U	
SVE RTO Exhaust	Exh-SVE-120418	12/4/2018	0.028	U		0.012	U		0.035			0.12	U		0.022	U	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.028	U		0.012	U		0.0089	J		0.12	U		0.023	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.041	U		0.018	U		0.024			0.18	U		0.033	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.082	U		0.036	U		0.032	J		0.36	U		0.066	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.016	J		0.017	U		0.0064	J		0.17	U		0.031	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.026	U		0.011	U		0.013	J		0.11	U		0.021	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.1	U		0.045	U		0.057			0.45	U		0.083	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
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/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070318	7/3/2018	1.2	U		1.2	U		1.2	U		1	U		1	U	
SVE Public Works Header	PW-Header-SVE-080118	8/1/2018	3.3	U		3.2	U		3.4	U		2.9	U		2.9	U	
SVE Public Works Header	PW-Header-SVE-090518	9/5/2018	0.89	U		0.87	U		0.91	U		0.8	U		0.29	J	
SVE Public Works Header	PW-Header-SVE-100218	10/2/2018	0.67	U		0.66	U		0.69	U		0.61	U		0.61	U	
SVE Public Works Header	PW-Header-SVE-110118	11/1/2018	1.3	U		1.3	U		1.3	U		1.2	U		1.2	U	
SVE Public Works Header	PW-Header-SVE-120418	12/4/2018	0.79	U		0.78	U		0.82	U		0.72	U		0.72	U	
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	0.79	U		0.78	U		0.82	U		0.63	J		0.36	J	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	6.5	U		6.4	U		6.7	U		5.8	U		5.8	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	1.6	U		1.6	U		1.6	U		0.59	J		0.25	J	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	4.2	U		4.2	U		4.4	U		3.8	U		3.8	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	4.2	U		4.1	U		4.3	U		3.8	U		3.8	U	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	3.2	U		3.2	U		3.3	U		2.9	U		2.9	U	
SVE Refinery Header	WFL-Header-SVE-070318	7/3/2018	2.2	U		2.2	U		2.3	U		1.3	J		0.61	J	
SVE Refinery Header	WFL-Header-SVE-080118	8/1/2018	3.3	U		3.3	U		3.4	U		1.6	J		1	J	
SVE Refinery Header	WFL-Header-SVE-090518	9/5/2018	2.3	U		1.2	J		2.4	U		1.1	J		0.79	J	
SVE Refinery Header	WFL-Header-SVE-100218	10/2/2018	1.1	U		1.1	U		1.2	U		0.83	J		0.52	J	
SVE Refinery Header	WFL-Header-SVE-110118	11/1/2018	1.6	U		1.6	U		1.7	U		2			1.3	J	
SVE Refinery Header	WFL-Header-SVE-120418	12/4/2018	1.3	U		1.2	U		1.3	U		0.9	J		0.6	J	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.79	U		0.78	U		0.82	U		1.1			0.63	J	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	14	U		14	U		14	U		12	U		12	U	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	1.6	U		1.6	U		1.7	U		0.63	J		0.32	J	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	14	U		14	U		14	U		12	U		12	U	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	13	U		13	U		14	U		12	U		12	U	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	3.2	U		3.2	U		3.3	U		3			1.8	J	
SVE RTO Exhaust	Exh-SVE-070318	7/3/2018	0.018	U		0.018	U		0.019	U		0.017	U		0.017	U	
SVE RTO Exhaust	Exh-SVE-080118	8/1/2018	0.07	U		0.069	U		0.072	U		0.021	J		0.0065	J	
SVE RTO Exhaust	Exh-SVE-090518	9/5/2018	0.073	U		0.072	U		0.076	U		0.066	U		0.066	U	
SVE RTO Exhaust	Exh-SVE-100218	10/2/2018	0.05	U		0.049	U		0.051	U		0.019	J		0.012	J	
SVE RTO Exhaust	Exh-SVE-110118	11/1/2018	0.047	U		0.046	U		0.048	U		0.032	J		0.018	J	
SVE RTO Exhaust	Exh-SVE-120418	12/4/2018	0.022	U		0.022	U		0.023	U		0.024			0.011	J	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.023	U		0.023	U		0.024	U		0.021	U		0.021	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.033	U		0.032	U		0.034	U		0.028	J		0.0093	J	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.066	U		0.065	U		0.068	U		0.059	U		0.059	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.031	U		0.03	U		0.032	U		0.028	U		0.028	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.021	U		0.02	U		0.021	U		0.019	U		0.019	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.083	U		0.082	U		0.086	U		0.075	U		0.075	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes			TPH (C2-C10)		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070318	7/3/2018	280			0.55	U		2.5			0.93	U		5900		
SVE Public Works Header	PW-Header-SVE-080118	8/1/2018	230			1.5	U		0.85	J		2.6	U		5000		
SVE Public Works Header	PW-Header-SVE-090518	9/5/2018	200			0.42	U		0.85			0.31	J		4700		
SVE Public Works Header	PW-Header-SVE-100218	10/2/2018	180			0.32	U		1.3			0.54	U		4600	J	
SVE Public Works Header	PW-Header-SVE-110118	11/1/2018	420			0.6	U		1.8			1	U		6100		
SVE Public Works Header	PW-Header-SVE-120418	12/4/2018	270			0.37	U		1.5			0.63	U		5000		
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	280			0.37	U		2.2			0.63	U		4500		
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	250			3	U		1.6	J		5.2	U		6600		
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	340			0.75	U		5.7			1.3	U		5800		
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	260			2	U		1.3	J		3.4	U		6600		
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	250			2	U		0.93	J		3.3	U		6700		
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	430			1.5	U		2.9			2.6	U		8600	J	
SVE Refinery Header	WFL-Header-SVE-070318	7/3/2018	410			1	U		13			0.92	J		9800		
SVE Refinery Header	WFL-Header-SVE-080118	8/1/2018	480			1.6	U		17			1.6	J		11000		
SVE Refinery Header	WFL-Header-SVE-090518	9/5/2018	490			1.1	U		9.7			1.4	J		9600		
SVE Refinery Header	WFL-Header-SVE-100218	10/2/2018	340			0.53	U		10			1			9600		
SVE Refinery Header	WFL-Header-SVE-110118	11/1/2018	680			0.77	U		19			2			9100		
SVE Refinery Header	WFL-Header-SVE-120418	12/4/2018	360			0.6	U		11			1.3			8000		
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	290			0.37	U		6.6			0.7			5500		
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	220			6.4	U		5.5	J		11	U		7200		
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	290			0.76	U		5.6			0.48	J		6000		
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	340			6.5	U		5.6	J		11	U		11000		
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	350			6.3	U		7.3	J		11	U		13000		
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	740			1.5	U		33			2.4	J		14000		
SVE RTO Exhaust	Exh-SVE-070318	7/3/2018	0.79			0.0086	U		0.027			0.015	U		54		
SVE RTO Exhaust	Exh-SVE-080118	8/1/2018	3.3			0.033	U		0.067			0.056	U		92		
SVE RTO Exhaust	Exh-SVE-090518	9/5/2018	0.62			0.034	U		0.016	J		0.058	U		48		
SVE RTO Exhaust	Exh-SVE-100218	10/2/2018	2.8			0.023	U		0.1			0.012	J		72		
SVE RTO Exhaust	Exh-SVE-110118	11/1/2018	3.1			0.022	U		0.14			0.021	J		82		
SVE RTO Exhaust	Exh-SVE-120418	12/4/2018	2			0.01	U		0.063			0.0091	J		48		
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	1.3			0.011	U		0.019			0.018	U		32		
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	2.6			0.015	U		0.044			0.0065	J		56		
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	2.8			0.031	U		0.058			0.052	U		66		
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	1.4			0.014	U		0.0053	J		0.024	U		55		
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	1	J0	J	0.0097	U		0.0092	J		0.016	U		59		
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	4.8			0.039	U		0.17			0.066	U		170		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Butane			Isopentane			Acetylene			C6+			Carbon Dioxide		
			Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070318	7/3/2018	0.012			0.024			0.0026	U		0.061			3.8		
SVE Public Works Header	PW-Header-SVE-080118	8/1/2018	0.01			0.021			0.0024	U		0.05			3.8		
SVE Public Works Header	PW-Header-SVE-090518	9/5/2018	0.01			0.023			0.0026	U		0.049			3.9		
SVE Public Works Header	PW-Header-SVE-100218	10/2/2018	0.01			0.021			0.0025	U		0.053		J	4		
SVE Public Works Header	PW-Header-SVE-110118	11/1/2018	0.012			0.023			0.0024	U		0.059			4.4		
SVE Public Works Header	PW-Header-SVE-120418	12/4/2018	0.0087			0.018			0.0023	U		0.05			3.7		
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	0.0078			0.016			0.0023	U		0.043			3.7		
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	0.012			0.021			0.0024	U		0.074			4.8		
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	0.011			0.021			0.0023	U		0.065			4.1		
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	0.0095			0.018			0.0025	U		0.054			4		
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	0.011			0.019			0.0024	U		0.057			3.7		
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	0.014			0.027			0.0024	U		0.061			3.8		
SVE Refinery Header	WFL-Header-SVE-070318	7/3/2018	0.041			0.047			0.0024	U		0.098			3.6		
SVE Refinery Header	WFL-Header-SVE-080118	8/1/2018	0.039			0.044			0.0024	U		0.11			3.6		
SVE Refinery Header	WFL-Header-SVE-090518	9/5/2018	0.039			0.043			0.0025	U		0.092			3.5		
SVE Refinery Header	WFL-Header-SVE-100218	10/2/2018	0.038			0.042			0.0025	U		0.11		J	3.6		
SVE Refinery Header	WFL-Header-SVE-110118	11/1/2018	0.036			0.042			0.0024	U		0.11			3.5		
SVE Refinery Header	WFL-Header-SVE-120418	12/4/2018	0.032			0.038			0.0023	U		0.083			3.2		
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.019			0.023			0.0023	U		0.076			3		
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	0.026			0.033			0.0024	U		0.094			3.3		
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	0.025			0.029			0.0024	U		0.074			2.7		
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	0.034			0.041			0.0026	U		0.099			2.9		
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	0.038			0.045			0.0025	U		0.099			2.9		
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	0.034			0.041			0.0024	U		0.098			3		
SVE RTO Exhaust	Exh-SVE-070318	7/3/2018	0.0027	U		0.0027	U		0.0027	U		0.00033	J		1.2		
SVE RTO Exhaust	Exh-SVE-080118	8/1/2018	0.00024	J		0.00027	J		0.0026	U		0.00059	J		1.1		
SVE RTO Exhaust	Exh-SVE-090518	9/5/2018	0.0027	U		0.0027	U		0.0027	U		0.000052	J		0.98		
SVE RTO Exhaust	Exh-SVE-100218	10/2/2018	0.00018	J		0.00022	J		0.0027	U		0.00039	J	J	1		
SVE RTO Exhaust	Exh-SVE-110118	11/1/2018	0.0002	J		0.00023	J		0.0026	U		0.026	U		1.2		
SVE RTO Exhaust	Exh-SVE-120418	12/4/2018	0.00013	J		0.00015	J		0.0025	U		0.025	U		1.1		
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.00005	J		0.00009	J		0.0025	U		0.0013	J		0.75		
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.000081	J		0.00013	J		0.0024	U		0.0003	J		1.3		
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.00014	J		0.00022	J		0.0024	U		0.00049	J		1.2		
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.00013	J		0.00016	J		0.0028	U		0.028	U		1		
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.000065	J		0.000084	J		0.0027	U		0.027	U		1.1		
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.00027	J		0.00031	J		0.003	U		0.00094	J		1.4		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Carbon Monoxide			Ethane			Ethene			Hydrogen			Isobutane		
			Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070318	7/3/2018	0.026	U		0.0026	U		0.0026	U		0.026	U		0.0011	J	
SVE Public Works Header	PW-Header-SVE-080118	8/1/2018	0.024	U		0.00015	J		0.0024	U		0.024	U		0.001	J	
SVE Public Works Header	PW-Header-SVE-090518	9/5/2018	0.026	U		0.00015	J		0.0026	U		0.026	U		0.00096	J	
SVE Public Works Header	PW-Header-SVE-100218	10/2/2018	0.025	U		0.00022	J		0.0025	U		0.025	U		0.00096	J	
SVE Public Works Header	PW-Header-SVE-110118	11/1/2018	0.024	U		0.00015	J		0.0024	U		0.024	U		0.001	J	
SVE Public Works Header	PW-Header-SVE-120418	12/4/2018	0.023	U		0.00013	J		0.0023	U		0.023	U		0.00078	J	
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	0.023	U		0.00011	J		0.0023	U		0.023	U		0.0007	J	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	0.024	U		0.00013	J		0.0024	U		0.024	U		0.00094	J	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	0.023	U		0.00012	J		0.0023	U		0.023	U		0.00097	J	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	0.025	U		0.00012	J		0.0025	U		0.025	U		0.00088	J	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	0.024	U		0.00013	J		0.0024	U		0.024	U		0.0014	J	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	0.024	U		0.00014	J		0.0024	U		0.024	U		0.0019	J	
SVE Refinery Header	WFL-Header-SVE-070318	7/3/2018	0.024	U		0.0002	J		0.0024	U		0.024	U		0.0044		
SVE Refinery Header	WFL-Header-SVE-080118	8/1/2018	0.024	U		0.00018	J		0.0024	U		0.024	U		0.0042		
SVE Refinery Header	WFL-Header-SVE-090518	9/5/2018	0.025	U		0.00015	J		0.0025	U		0.025	U		0.0042		
SVE Refinery Header	WFL-Header-SVE-100218	10/2/2018	0.025	U		0.00017	J		0.0025	U		0.025	U		0.0041		
SVE Refinery Header	WFL-Header-SVE-110118	11/1/2018	0.024	U		0.00015	J		0.0024	U		0.024	U		0.0039		
SVE Refinery Header	WFL-Header-SVE-120418	12/4/2018	0.023	U		0.00016	J		0.0023	U		0.023	U		0.0035		
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.023	U		0.0001	J		0.0023	U		0.023	U		0.0021	J	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	0.024	U		0.00012	J		0.0024	U					0.0029		
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	0.024	U		0.00012	J		0.0024	U		0.024	U		0.0027		
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	0.026	U		0.00016	J		0.0026	U		0.026	U		0.0038		
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	0.025	U		0.00017	J		0.0025	U		0.025	U		0.0042		
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	0.024	U		0.00016	J		0.0024	U		0.024	U		0.0037		
SVE RTO Exhaust	Exh-SVE-070318	7/3/2018	0.027	U		0.0027	U		0.0027	U		0.027	U		0.0027	U	
SVE RTO Exhaust	Exh-SVE-080118	8/1/2018	0.026	U		0.0026	U		0.0026	U		0.026	U		0.0026	U	
SVE RTO Exhaust	Exh-SVE-090518	9/5/2018	0.027	U		0.0027	U		0.0027	U		0.027	U		0.0027	U	
SVE RTO Exhaust	Exh-SVE-100218	10/2/2018	0.027	U		0.0027	U		0.0027	U		0.027	U		0.0027	U	
SVE RTO Exhaust	Exh-SVE-110118	11/1/2018	0.026	U		0.0026	U		0.0026	U		0.026	U		0.0026	U	
SVE RTO Exhaust	Exh-SVE-120418	12/4/2018	0.025	U		0.0025	U		0.0025	U		0.025	U		0.0025	U	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.025	U		0.0025	U		0.0025	U		0.025	U		0.0025	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.024	U		0.0024	U		0.0024	U		0.024	U		0.0024	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.024	U		0.0024	U		0.0024	U		0.024	U		0.0024	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.028	U		0.0028	U		0.0028	U		0.028	U		0.0028	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.027	U		0.0027	U		0.0027	U		0.027	U		0.0027	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.03	U		0.003	U		0.003	U		0.03	U		0.003	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Methane			Neopentane			Nitrogen			Oxygen			Pentane		
			Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070318	7/3/2018	2			0.0026	U		78			16			0.0099		
SVE Public Works Header	PW-Header-SVE-080118	8/1/2018	1.6			0.0024	U		78			16			0.009		
SVE Public Works Header	PW-Header-SVE-090518	9/5/2018	1.7			0.0026	U		78			16			0.011		
SVE Public Works Header	PW-Header-SVE-100218	10/2/2018	1.8			0.0025	U		78			16			0.0091		
SVE Public Works Header	PW-Header-SVE-110118	11/1/2018	1.9			0.0024	U		78			15			0.0093		
SVE Public Works Header	PW-Header-SVE-120418	12/4/2018	1.6			0.0023	U		79			16			0.008		
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	1.4			0.0023	U		78			17			0.0069		
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	2.3			0.0024	U		78			15			0.011		
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	2.1			0.0023	U		78			16			0.0096		
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	1.8			0.0025	U		78			16			0.0083		
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	1.7			0.0024	U		78			16			0.0083		
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	1.6			0.00015	J		78			16			0.016		
SVE Refinery Header	WFL-Header-SVE-070318	7/3/2018	0.98			0.0024	U		79			16			0.023		
SVE Refinery Header	WFL-Header-SVE-080118	8/1/2018	0.86			0.0024	U		79			16			0.022		
SVE Refinery Header	WFL-Header-SVE-090518	9/5/2018	0.82			0.0025	U		79			16			0.022		
SVE Refinery Header	WFL-Header-SVE-100218	10/2/2018	0.78			0.0025	U		79			16			0.021		
SVE Refinery Header	WFL-Header-SVE-110118	11/1/2018	0.82			0.0024	U		79			16			0.022		
SVE Refinery Header	WFL-Header-SVE-120418	12/4/2018	0.78			0.0023	U		79			17			0.019		
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.52			0.0023	U		78			18			0.012		
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	0.7			0.0024	U		79			17			0.016		
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	0.62			0.0024	U		78			18			0.015		
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	0.87			0.0026	U		78			18			0.02		
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	1			0.0025	U		79			17			0.022		
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	1			0.0024	U		80			16			0.02		
SVE RTO Exhaust	Exh-SVE-070318	7/3/2018	0.0028			0.0027	U		80			19			0.0027	U	
SVE RTO Exhaust	Exh-SVE-080118	8/1/2018	0.0056			0.0026	U		80			19			0.00014	J	
SVE RTO Exhaust	Exh-SVE-090518	9/5/2018	0.0021			0.0027	U		80			19			0.0027	U	
SVE RTO Exhaust	Exh-SVE-100218	10/2/2018	0.0042			0.0027	U		80			19			0.00011	J	
SVE RTO Exhaust	Exh-SVE-110118	11/1/2018	0.0048			0.0026	U		80			19			0.00012	J	
SVE RTO Exhaust	Exh-SVE-120418	12/4/2018	0.0034			0.0025	U		80			19			0.0025	U	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.0064			0.0025	U		79			20			0.0025	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.0092			0.0024	U		80			19			0.000062	J	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.0097			0.0024	U		79			20			0.00011	J	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.0044			0.0028	U		79			20			0.00009	J	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.0023			0.0027	U		80			19			0.0027	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.0081			0.003	U		80			19			0.00016	J	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Propane		
			Result (%)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070318	7/3/2018	0.0026	U	
SVE Public Works Header	PW-Header-SVE-080118	8/1/2018	0.0024	U	
SVE Public Works Header	PW-Header-SVE-090518	9/5/2018	0.0026	U	
SVE Public Works Header	PW-Header-SVE-100218	10/2/2018	0.0025	U	
SVE Public Works Header	PW-Header-SVE-110118	11/1/2018	0.0024	U	
SVE Public Works Header	PW-Header-SVE-120418	12/4/2018	0.0023	U	
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	0.0023	U	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	0.0024	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	0.0023	U	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	0.0025	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	0.000084	J	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	0.0001	J	
SVE Refinery Header	WFL-Header-SVE-070318	7/3/2018	0.00027	J	
SVE Refinery Header	WFL-Header-SVE-080118	8/1/2018	0.00027	J	
SVE Refinery Header	WFL-Header-SVE-090518	9/5/2018	0.00026	J	
SVE Refinery Header	WFL-Header-SVE-100218	10/2/2018	0.00027	J	
SVE Refinery Header	WFL-Header-SVE-110118	11/1/2018	0.00025	J	
SVE Refinery Header	WFL-Header-SVE-120418	12/4/2018	0.00023	J	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.00014	J	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	0.00018	J	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	0.00018	J	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	0.00026	J	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	0.00029	J	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	0.00023	J	
SVE RTO Exhaust	Exh-SVE-070318	7/3/2018	0.0027	U	
SVE RTO Exhaust	Exh-SVE-080118	8/1/2018	0.0026	U	
SVE RTO Exhaust	Exh-SVE-090518	9/5/2018	0.0027	U	
SVE RTO Exhaust	Exh-SVE-100218	10/2/2018	0.0027	U	
SVE RTO Exhaust	Exh-SVE-110118	11/1/2018	0.0026	U	
SVE RTO Exhaust	Exh-SVE-120418	12/4/2018	0.0025	U	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.0025	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.0024	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.0024	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.0028	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.0027	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.003	U	

Notes:

Lab Qualifiers

J = Estimated value; results between the MDL and RL
U = Compound analyzed for but not detected above the RL
E = Exceeds instrument calibration range
ND, UJ = Non-detected compound associated with low bias in the continuing calibration verification

AECOM Qualifiers

J = Estimated detection
UJ = Estimated non-detect
U = Non-detect due to blank contamination

Figures

The following MVS 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.

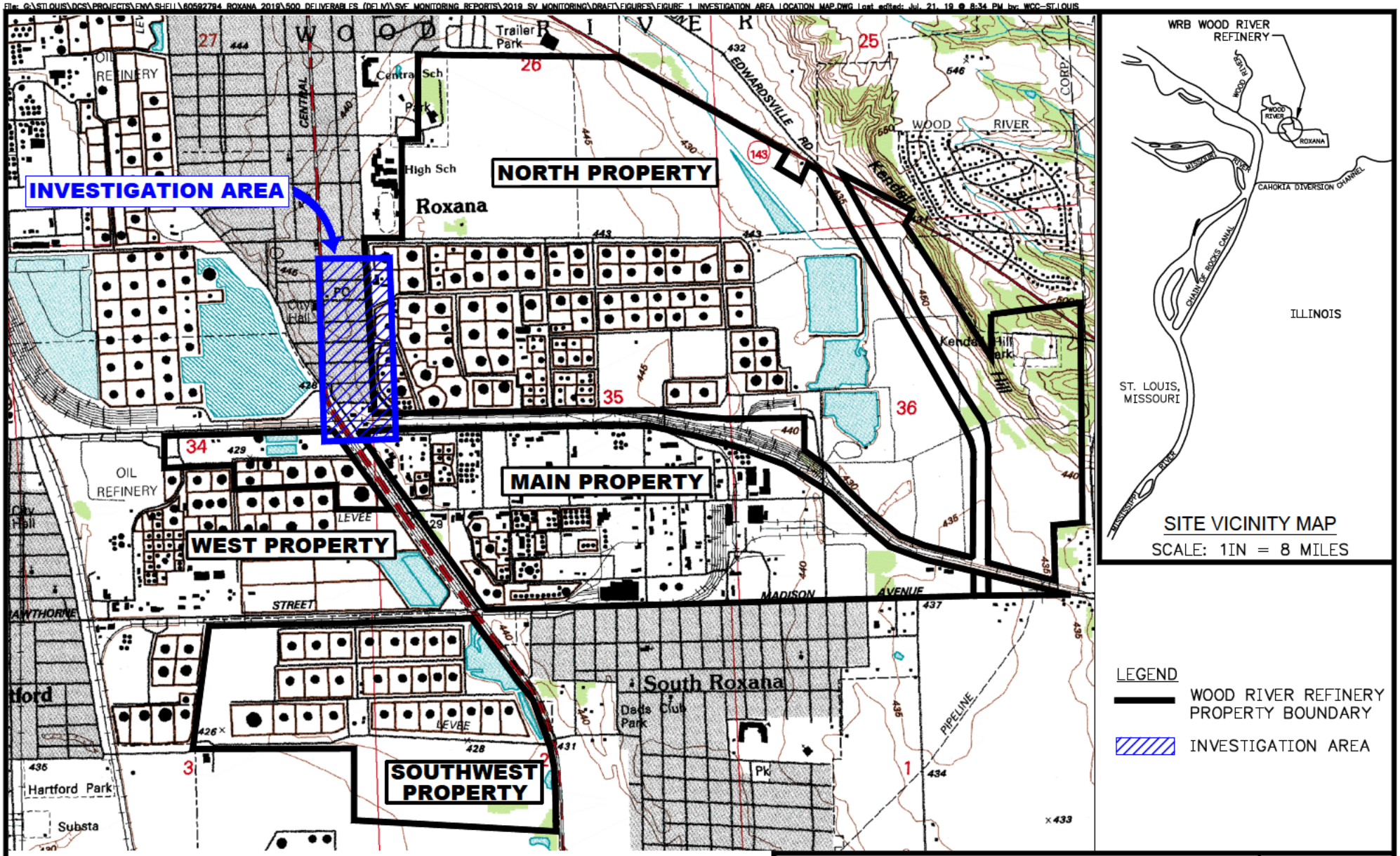
Inward Kriging / Boundary Cut-off – This method of Kriging limits the horizontal extent of data modeling to the extent of the data on the x/y plane in a convex hull. The model is bounded by the VMPs.

Vertical Cut-off – The bottom surface of this model is based on the current quarter's 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 – In locations and depths where duplication samples were collected, the higher concentration was used.

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: G:\STLOUIS\DCS\PROJECTS\ENV\SHELL\60592794 ROXANA 2019\500 DELIVERABLES (DELIV)\SVE MONITORING REPORTS\2019 SV MONITORING\DRAFT\FIGURES\FIGURE 1 INVESTIGATION AREA LOCATION MAP.DWG Last edited: Jul. 21, 19 @ 8:34 PM by: WCC-ST.LOUIS



SOURCE:
ELECTRONIC USGS DIGITAL RASTER GRAPHIC 7.5 MINUTE TOPOGRAPHIC MAP OF WOOD RIVER, IL-MO REVISED 1994.

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US
SOIL VAPOR MONITORING PROGRAM
ROXANA, ILLINOIS

PROJECT NO.
60592794

AECOM

DRN. BY: asd July 2019
DSGN. BY: djd
CHKD. BY: smf

Investigation Area Location Map

FIG. NO.
1

File: G:\STLOUIS\DCS\PROJECTS\ENV\SHELL\60592794 ROXANA 2019\500 DELIVERABLES (DELIV)\SVE MONITORING REPORTS\2Q19 SV MONITORING\DRAFT\FIGURES\FIGURE 2 VAPOR MONITORING SAMPLING POINT LOCATIONS.DWG Last edited: Jul. 22, 19 @ 9:49 PM by: alyssa.davis2

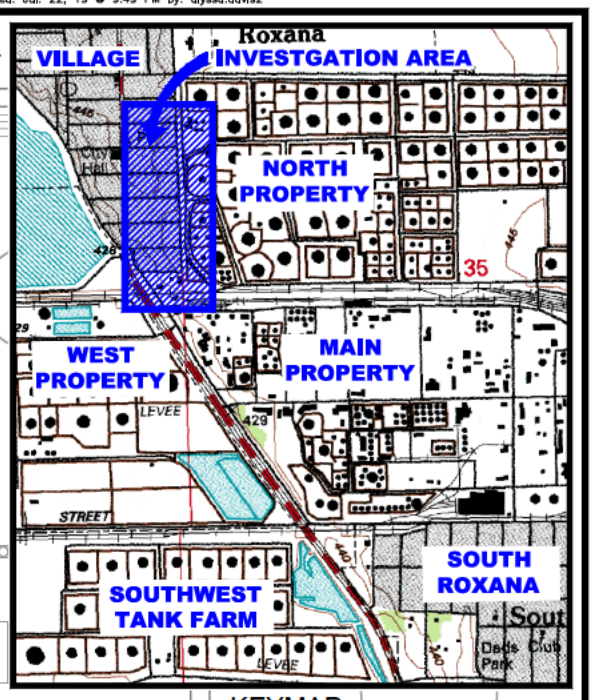
LEGEND

- VAPOR MONITORING POINT (VMP) LOCATION
- VMP LOCATION (NOT USED FOR QUARTERLY SAMPLING)

TYDEMAN AVE
FIRST ST
SECOND ST
THIRD ST
FOURTH ST
FIFTH ST
SIXTH ST
SEVENTH ST
EIGHTH ST
RAND AVENUE
HIGHWAY 111 (S. CENTRAL AVE)
CHAFFER AVE
1ST STREET
2ND STREET
VILLAGE OF ROXANA
BP
1986 APPROXIMATE BENZENE RELEASE SITE
NORTH PROPERTY
WOOD RIVER REFINERY
PUBLIC WORKS YARD
A-28
A-27

VMP-64, VMP-63, VMP-47, VMP-62, VMP-1, VMP-2, VMP-20, VMP-48, VMP-42, VMP-21, VMP-49, VMP-3, VMP-56, VMP-32, VMP-43, VMP-22, VMP-50, VMP-4, VMP-44, VMP-23, VMP-51, VMP-5, VMP-45, VMP-52, VMP-6, VMP-7, VMP-24, VMP-8, VMP-9, VMP-54, VMP-53, VMP-18, VMP-19, VMP-41, VMP-10, VMP-11, VMP-17, VMP-29, VMP-30, VMP-13, VMP-55, VMP-14, VMP-25, VMP-15, VMP-16, VMP-12

VMP-61, VMP-57, VMP-58, VMP-59, VMP-60, VMP-33, VMP-46, VMP-34, VMP-35, VMP-27, VMP-26, VMP-28, VMP-36, VMP-37, VMP-38, VMP-39, VMP-40



KEYMAP
1" = 2,500'

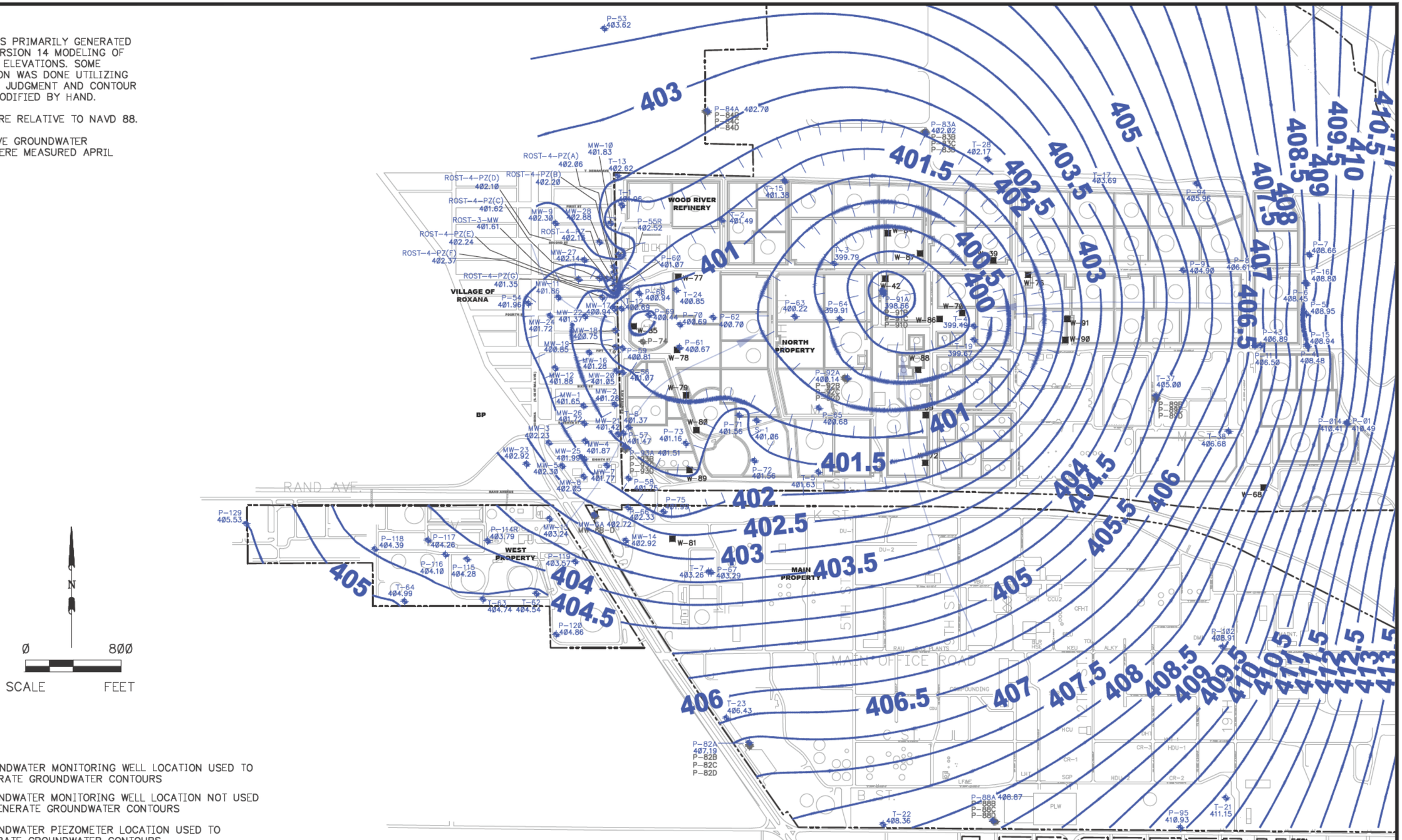
0 200
SCALE FEET
N

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 60592794
AECOM		
DRN. BY: asd July 2019 DSGN. BY: djd CHKD. BY: smf	Vapor Monitoring Point Sampling Locations	FIG. NO. 2

NOTES:
1. CONTOUR LINES PRIMARILY GENERATED BY SURFER VERSION 14 MODELING OF GROUNDWATER ELEVATIONS. SOME INTERPRETATION WAS DONE UTILIZING PROFESSIONAL JUDGMENT AND CONTOUR LINES WERE MODIFIED BY HAND.

2. ELEVATIONS ARE RELATIVE TO NAVD 88.

3. COMPREHENSIVE GROUNDWATER ELEVATIONS WERE MEASURED APRIL 1–3, 2019.



N

Ø 800

SCALE FEET

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 PRODUCTION WELL
- 407 GROUNDWATER SURFACE CONTOUR NAVD 88 (CONTOUR INTERVAL Ø.5 FT.)
- GROUNDWATER GRADIENT

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US
SOIL VAPOR MONITORING PROGRAM
ROXANA, ILLINOIS

PROJECT NO. 60592794

AECOM

DRN. BY:asd July 2019
DSGN. BY:djd
CHKD. BY:smf

2Q19
Groundwater Contours

FIG. NO. 3

File: G:\STLOUIS\DCS\PROJECTS\ENV\SHELL\60592794 ROXANA 2019\500 DELIVERABLES (DELIV)\SVE MONITORING REPORTS\2Q19 SV MONITORING\DRAFT\FIGURES\FIGURE 3 2Q19 GROUNDWATER CONTOUR MAP.DWG Last edited: Jul. 21, 19 @ 9:09 PM by: alyssa.davis2

File: G:\STLOUIS\DGS\PROJECTS\ENV\SHELL\60592794 ROXANA 2019\500 DELIVERABLES (DELM)\SVE MONITORING REPORTS\2019 SV MONITORING\DRAFT\FIGURES\FIGURE 4 VAPOR PORT SCREEN COMPARISON TO GW ELEVATIONS (2019).DWG Last edited: Jul. 22, 19 @ 9:54 PM by: alyssa.davis2

NOTES:

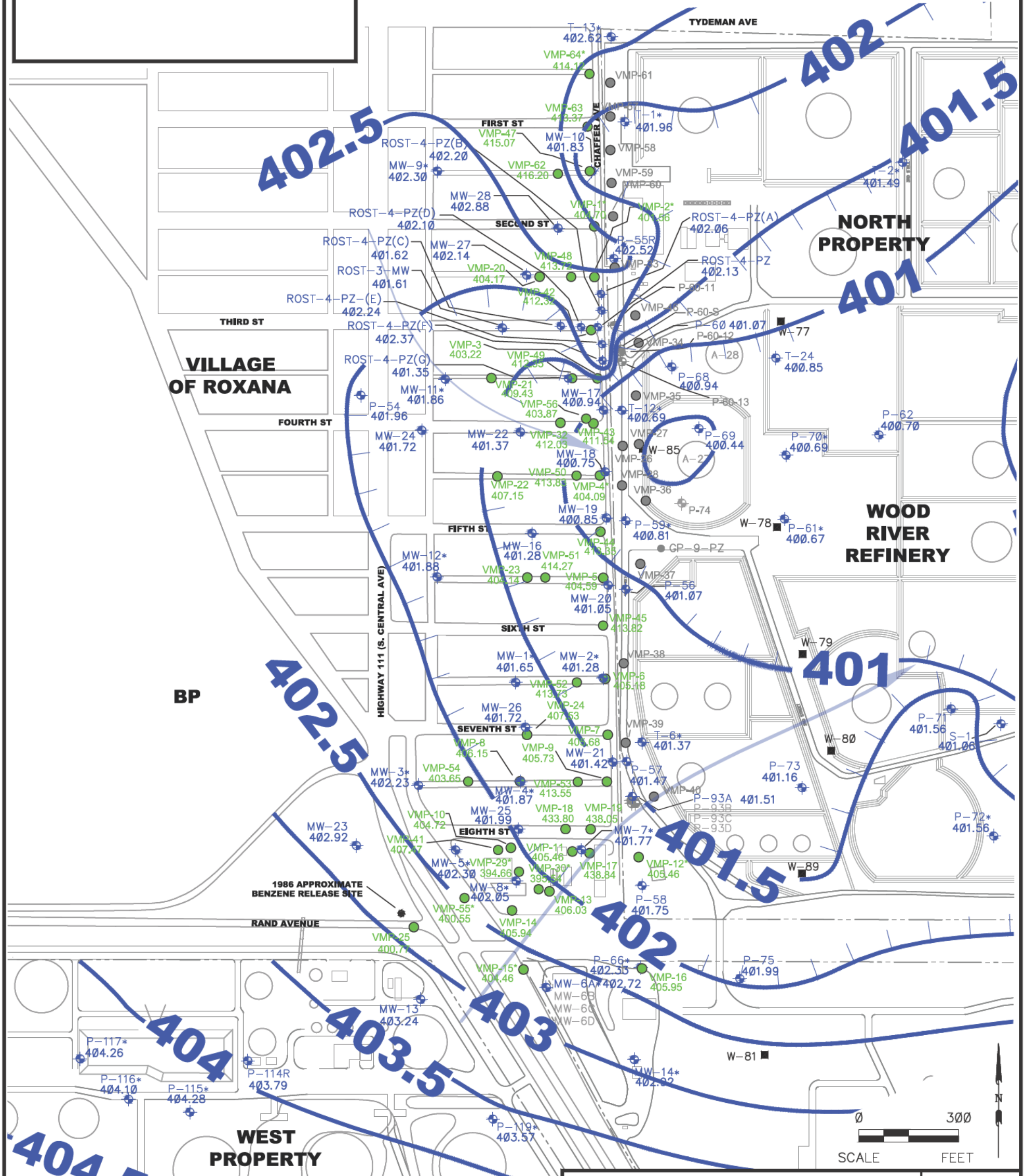
1. COMPREHENSIVE GROUNDWATER ELEVATIONS WERE MEASURED APRIL 1–3, 2019.
2. CONTOUR LINES PRIMARILY GENERATED BY SURFER VERSION 8 MODELING OF GROUNDWATER ELEVATIONS. SOME INTERPRETATION WAS DONE UTILIZING PROFESSIONAL JUDGMENT AND CONTOUR LINES WERE MODIFIED BY HAND.
3. ELEVATIONS ARE RELATIVE TO NAVD 88.

---

* 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
- VAPOR MONITORING POINT (VMP) LOCATION (ELEVATION OF TOP OF THE DEEPEST VAPOR MONITORING POINT SCREEN)
- WRR GROUNDWATER PRODUCTION WELL
- GROUNDWATER MONITORING WELL LOCATION NOT USED TO GENERATE GROUNDWATER CONTOURS
- VMP LOCATION (NOT USED FOR QUARTERLY SAMPLING)
- 400 GROUNDWATER SURFACE CONTOUR NAVD 88 (CONTOUR INTERVAL 0.5 FT)
- GROUNDWATER GRADIENT



EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 60592794
AECOM	
DRN. BY: asd July 2019 DSGN. BY: djd CHKD. BY: smf	2Q19 Vapor Port Screen Comparison to Groundwater Elevations
	FIG. NO. 4

File: G:\STLOUIS\DCS\PROJECTS\ENV\SHELL\60592794 ROXANA 2019\500 DELIVERABLES (DELIV)\SVE MONITORING REPORTS\2Q19 SV MONITORING\DRAFT\FIGURES\FIGURE 5 SUMMARY OF BENZENE SOIL VAPOR ANALYTICAL RESULTS (VILLAGE).DWG Last edited: Jul. 22, 19 @ 10:55 PM by: alyssa.davis2

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-62	5 ft	**0.00034 J**	**0.002 J**	<0.0037	**0.00082 J**
	10 ft	**0.00072 J**	<0.0034	<0.0036	<0.0043
	20 ft	<0.0039	<0.0036	**0.0013 J**	**0.00092 J**
	30 ft	**0.0052**	<0.0036 / <0.0036	<0.004	<0.0038 / <0.0039

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19 (Initial Sample)	1Q19 (Re-sample[4])	2Q19
VMP-63	5 ft	**0.0048**	<0.0036	<0.0035		<0.004
	10 ft	**0.00033 J**	<0.0036	<0.0034		<0.004
	20 ft	**0.00036 J**	<0.0036	<0.0033	<0.0037	<0.0038 / <0.0036
	30 ft	**0.00062 J / 0.0007 J**	<0.0034 / <0.0036	<0.0037		<0.0038

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-48	5 ft	**0.00029 J**	<0.0038	<0.0036	<0.0039
	10 ft	**0.037**	<0.0038	<0.0035	<0.0039
	20 ft	Not Sampled[1]	<0.0039	<0.0034	Not Sampled[1]
	30 ft	**0.0014 J**	<0.0038	<0.0035	<0.0039

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-64	5 ft	<0.0039	<0.0037	<0.0036	<0.0037
	10 ft	<0.0036	<0.0038	**0.002 J**	<0.0037
	20 ft	<0.0039	<0.0035 / <0.0035	**0.00098 J**	<0.0036
	28 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-20	5 ft	<0.0039	<0.0036	**0.057 J**	**0.0026 J**
	10 ft	<0.0039	<0.0036	**0.013 J**	<0.0039
	25 ft	<0.0039	<0.0036	**0.0012 J / 0.00084 J**	<0.0038
	39.5 ft	<0.0039 / <0.0041	<0.0039	**0.0023 J**	<0.0036

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-47	5 ft	**0.0013 J**	<0.0036	<0.0036	<0.0038
	10 ft	**0.00046 J**	<0.0038	<0.0038	<0.0035
	20 ft	**0.00036 J**	<0.0037	<0.0033	<0.004
	30 ft	**0.00037 J**	<0.0038	Not Sampled[1]	<0.0038

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-1	5 ft	<0.0038	**0.0014 J**	<0.0034	**0.00084 J**
	8.5 ft	<0.0041	<0.0036	<0.0035	<0.0038
	23.5 ft	**0.0014 J**	**0.0012 J / 0.0015 J**	<0.0034 / <0.0034	**0.0014 J**
	38.5 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-2	5 ft	<0.0038	<0.0039	<0.0034	**0.00091 J**
	8.5 ft	**0.0003 J**	<0.0038	<0.0036	**0.022**
	22 ft	<0.004 / **0.0017 J**	<0.0034 / <0.0038	<0.0035	<0.004 / <0.0038
	42 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-49	5 ft	<0.004	<0.0038	<0.0036	<0.0041
	10 ft	**0.0023 J**	<0.0038	<0.0034	**0.0056**
	20 ft	**0.0032 J**	<0.0039	<0.0034	<0.0038
	30 ft	**0.0013 J**	<0.0038	<0.0033	**0.016** / <0.0041

Location	Depth	Benzene (mg/m3) 3Q18	4Q18 (Initial Sample)	4Q18 (Re-sample[3])	1Q19	2Q19
VMP-42	10 ft	<0.0038	<0.0038		<0.0035	**0.032**
	20 ft	<0.004	<0.004		<0.004	<0.004
	30 ft	<0.0038 / **0.00074 J**	**0.036**	**0.0011 J**	<0.0034	**0.029**

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-56	10 ft	**0.00074 J**	<0.0037	<0.0039	0.061
	25 ft	**0.00066 J**	**0.0013 J**	<0.0036 / **0.00094 J**	<0.0037
	38.5 ft	**730**	**960**	**600**	**880**

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-3	5 ft	**0.00035 J**	<0.0038	<0.0037	<0.0036
	10 ft	**0.00061 J**	<0.0036	<0.0039	<0.0038
	22 ft	**0.00046 J**	**0.002 J**	**0.0026 J**	**0.0021 J**
	31.5 ft	**0.0022 J**	<0.0038	<0.0036	**0.012**
	39 ft	**0.0028 J**	**0.0015 J**	**0.00095 J / 0.002 J**	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-21	5 ft	<0.0038	<0.0036	<0.0035	<0.0039
	10 ft	<0.0038	<0.0037	<0.0037	<0.0039
	25 ft	**0.0047**	<0.0034	<0.0037	<0.0039
	33 ft	**0.0038 J**	<0.0034 / <0.0034	<0.0038 / **0.001 J**	<0.0039

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-43	10 ft	<0.0039	**0.0011 J**	<0.0036	<0.0038
	20 ft	<0.004	<0.0039	<0.0034	<0.004
	30 ft	<0.0041	<0.0039	<0.0035 / <0.0036	<0.0042

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-50	5 ft	<0.0041	<0.0038	**0.0083**	<0.0038
	10 ft	<0.004	<0.0039	<0.0035	<0.0041
	20 ft	<0.0041	<0.0041	<0.0037	**0.054**
	30 ft	<0.078	<0.0038	<0.072 / <0.065	<0.039

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-32	5 ft	**0.00081 J**	Not Sampled[2]	<0.0034	**0.016**
	10 ft	**0.00035 J**	<0.0037	<0.0034	<0.0038
	20 ft	<0.0039	<0.0037	<0.0034	**0.0024 J**
	30 ft	**0.0003 J**	<0.0036	<0.0034	**0.008**

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-4	5 ft	<0.0039	**0.0012 J**	<0.0036	**0.0007 J**
	12 ft	<0.0039	<0.004	<0.0034	<0.0044
	23.5 ft	**0.00078 J / 0.00068 J**	<0.0038	<0.0033	**0.0012 J**
	39 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-22	5 ft	<0.0039	<0.0036	<0.0037	<0.0037
	10 ft	<0.0039	<0.0037	<0.0037	Not Sampled[1]
	18 ft	<0.004	<0.0035	<0.0035	<0.0037
	38 ft	**0.018 / 0.00067 J**	**0.02**	<0.0037 / <0.004	**0.0048**

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-44	10 ft	**0.0023 J**	<0.0038	<0.0033	<0.0038
	20 ft	<0.0038	<0.0036	<0.0039 / <0.004	<0.0038
	30 ft	<0.0039	<0.0038	<0.0034	<0.0039

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-51	5 ft	**0.0012 J**	<0.0037	**0.0026 J**	<0.0042
	10 ft	<0.0041	<0.0035	<0.0035	**0.0073**
	20 ft	<0.0042	<0.0036	**0.002 J**	<0.0035
	30 ft	**0.00096 J** / <0.004	<0.0035 / <0.0036	<0.0034	<0.0043 / <0.0039

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-5	5 ft	<0.0042	<0.0036	**0.0021 J**	<0.0042
	12.5 ft	**0.0012 J**	<0.0035	<0.0036	<0.004
	31 ft	<0.004	<0.0037	<0.0036	<0.004
	40 ft	**0.0039 J**	**0.0016 J**	<0.004	<0.0036

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-23	5 ft	<0.0042	**0.0035**	<0.0036	**0.005**
	10 ft	**0.00046 J**	<0.0039	**0.0028 J**	<0.0038
	25 ft	<0.0039	<0.0037	<0.0036	<0.0038
	40 ft	<0.004 / **0.00039 J**	<0.0035 / <0.0035	<0.0034 / <0.0035	<0.0042 / <0.004

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19 (Initial Sample)	2Q19 (Re-sample[4])
VMP-45	10 ft	**0.022**	<0.0038	<0.0038	<0.0039	
	20 ft	<0.0039	<0.0037	<0.0035	<0.0038	
	30 ft	**0.00037 J**	<0.0038	<0.0035	<0.004	**0.0041 J**

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-52	5 ft	<0.0038	<0.0034	<0.0037	<0.078
	10 ft	<0.0038	<0.0036	<0.0036	Not Sampled[1]
	20 ft	**0.00076 J**	**0.0011 J**	<0.0034 / <0.0034	<0.0041
	30 ft	<0.0039	**0.0015 J** / <0.0034	**0.00089 J**	<0.0042

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-6	5 ft	**0.00048 J**	<0.0041	**0.0094**	**0.0012 J**
	10 ft	<0.0039	<0.0037	<0.0035	<0.0038
	31.5 ft	**0.00054 J**	<0.0038	**0.1**	**0.045**
	39 ft	**0.00048 J**	<0.0037	<0.0035	<0.0039

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-24	5 ft	**0.0027 J**	<0.0036	<0.0035 / <0.0037	<0.0039
	10 ft	<0.0038	**0.018**	<0.0035	<0.0039
	22 ft	<0.0037	<0.0036	<0.0036	<0.0038
	34 ft	<0.0038 / <0.0039	<0.0036 / <0.0035	<0.0034	<0.0039

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-7	5 ft	**0.00031 J**	<0.0041	<0.0034	<0.004
	13.5 ft	<0.0038	<0.0039	<0.0039	<0.0039
	29.5 ft	<0.0039	<0.0039	<0.0037	<0.0045
	38 ft	**0.00044 J / 0.001 J**	<0.0043	<0.0034	<0.0041 / <0.0038

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-54	5 ft	<0.0042	<0.0039	<0.0035	<0.0036
	10 ft	<0.0041	<0.0038	<0.0034	<0.0042
	20 ft	<0.0038	**0.0017 J**	<0.0035	<0.0036
	30 ft	<0.0039	<0.0038	<0.0035	<0.0035

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-9	5 ft	**0.00053 J**	<0.0039	<0.0035	<0.0039
	11.5 ft	**0.00052 J**	<0.0039	<0.0034	<0.004
	25.5 ft	**0.00034 J**	**0.001 J**	<0.0034	<0.0036
	38.5 ft	**0.0019 J**	<0.0035	<0.0034 / <0.0034	<0.0039 / <0.0039

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19 (Initial Sample)	1Q19 (Re-sample[4])	2Q19
VMP-8	5 ft	<0.0038	**0.002 J**	<0.0034		<0.0037
	9.5 ft	<0.0041	<0.0038	<0.0034		**0.077**
	23.5 ft	<0.004	<0.0037	**0.0025 J**	**0.0018 J**	<0.0037
	35.5 ft	<0.0039 / <0.0038	<0.0037	<0.0033		**0.0023 J** / <0.0036

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-18	8.5 ft	<0.0037	<0.0036	<0.0038	<0.0039

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-53	5 ft	<0.004	<0.0038	<0.0034	<0.004 / <0.0038
	10 ft	<0.0041	<0.0037	<0.0035	**0.037**
	20 ft	<0.004	**0.0015 J**	<0.0036	<0.43
	30 ft	<0.0039	<0.0039	<0.0034	<0.04

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-19	5 ft	**0.00066 J / 0.00064 J**	<0.004 / <0.0035	<0.0033	<0.004 / <0.0039

HIGHWAY 111 (S. CENTRAL AVE)
TYDEMAN AVE
CHAFFER AVE
FIRST ST
SECOND ST
THIRD ST
FOURTH ST
FIFTH ST
SIXTH ST
SEVENTH ST
EIGHTH ST
VILLAGE OF ROXANA
NORTH PROPERTY
WOOD RIVER REFINERY
PUBLIC WORKS YARD
BP
WEST PROPERTY
RAND AVENUE
1986 APPROXIMATE BENZENE RELEASE SITE
1ST STREET
A–33

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

NOTES:

1. Not Sampled[1] = VMP SCREEN SUBMERGED BELOW WATER TABLE OR A TEMPORARY WATER CONDITION. NO SAMPLE COLLECTED.
2. Resampled[2] = VMP RESAMPLED DUE TO ANOMALOUS READINGS AT THE LABORATORY.
3. Not Sampled[3] = UNABLE TO ACCESS DUE TO VEHICLE PARKED ON WELL VAULT.
4. Resampled[4] = VMP RESAMPLED DUE TO ELEVATED HELIUM AT THE LABORATORY.
5. J = RESULT IS ESTIMATED
   < = NOT DETECTED AT INDICATED REPORTING LIMIT.
   DETECTED RESULTS AND ESTIMATED RESULTS ARE BOLD.
6. MULTIPLE RESULTS (e.g., 440/410) INDICATE DUPLICATE SAMPLES.

LEGEND

- VAPOR MONITORING POINT (VMP) LOCATION
- VMP LOCATION (NOT USED FOR QUARTERLY SAMPLING)
- BENZENE CONCENTRATION > SCREENING CRITERION (Ø.37mg/m³), FOR RESIDENTIAL.

Ø 2ØØ
SCALE FEET
N

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 6Ø592794
AECOM	
DRN. BY: asd July 2Ø19 DSGN. BY: djd CHKD. BY: smf	2Q19 Summary of Benzene Soil Vapor Analytical Results – Village of Roxana
	FIG. NO. 5

File: G:\STLOUIS\DCS\PROJECTS\ENV\SHELL\60592794 ROXANA 2019\500 DELIVERABLES (DELIV)\SVE MONITORING REPORTS\2Q19 SV MONITORING\DRAFT\FIGURES\FIGURE 6 SUMMARY OF BENZENE SOIL VAPOR ANALYTICAL RESULTS (PUBLIC WORKS YARD).DWG Last edited: Jul. 22, 19 @ 11:07 PM by: alyssa.davis2

LEGEND

- VAPOR MONITORING POINT (VMP) LOCATION
- VMP 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 BELOW WATER TABLE OR A TEMPORARY WATER CONDITION. NO SAMPLE COLLECTED.
2. NOT SAMPLED[2] = EFFECTIVE 2Q18 SAMPLES ARE NO LONGER COLLECTED AT VMP-25-31 DUE TO PORT INTEGRITY.
3. NOT SAMPLED[3] = VMP NOT SAMPLED DUE TO THREE CONSECUTIVE HELIUM LEAK CHECK FAILURES.
4. RESAMPLED[4] = VMP RESAMPLED DUE TO ANOMALOUS READINGS AT THE LABORATORY.
5. MULTIPLE RESULTS (e.g., 44Ø/41Ø) INDICATE DUPLICATE SAMPLES.
6. J = RESULT IS ESTIMATED
   < = NOT DETECTED AT INDICATED REPORTING LIMIT.
   DETECTED RESULTS AND ESTIMATED RESULTS ARE BOLD.

VMP-34 A-28 VMP-3 VMP-21 VMP-49 VMP-35 VMP-56 VMP-32 VMP-43 FOURTH ST VMP-27 VMP-26 A-27 VMP-28 VMP-36 NORTH PROPERTY

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-11	5 ft	**0.0074**	<0.0037	<0.0038	<0.0038
	8 ft	<0.0035	<0.0038	<0.0039	**0.0032 J**
	29 ft	<0.0036	<0.0038	<0.004	<0.0038
	38 ft	<0.0038 / <0.0037	<0.0037	<0.0036 / <0.0038	<0.0036 / <0.0037

FIFTH ST VMP-44 CHAFFER AVE VMP-37 1ST STREET VMP-51 VMP-5 VMP-45 SIXTH ST WOOD RIVER REFINERY

HIGHWAY 111 (S. CENTRAL AVE) VILLAGE OF ROXANA VMP-38 VMP-6 VMP-52 2ND STREET

BP

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-10	5 ft	<0.004	<0.0038	<0.0034	<0.0039
	10 ft	**0.00065 J**	<0.0037	**0.0026 J**	**0.0011 J**
	20 ft	<0.004	<0.0039	<0.0033	**0.0023 J**
	30 ft	<0.0041 / <0.0042	<0.0037 / **0.0026 J**	<0.0037	<0.0038 / <0.0038

SEVENTH ST VMP-7 VMP-39

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19 (Initial Sample)	1Q19 (Re-sample[4])	2Q19
VMP-41	10 ft	**0.00058 J**	<0.0038	**6.7**	<0.0038	<0.0039
	20 ft	<0.0038	<0.0038	<0.0036		<0.0045
	26 ft	<0.0038	<0.0039	<0.0036		<0.004

VMP-54 VMP-9 VMP-8 VMP-53 VMP-40

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-29	10 ft	**0.0014 J**	**0.0025 J**	Not Sampled[3]	**0.0013 J**
	18 ft	**0.0019 J**	**0.011**	**0.0048**	**0.0047**
	26 ft	**0.0031 J**	**0.0059 / 0.0046**	**0.0018 J / 0.0012 J**	**0.017**
	40 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

VMP-18 VMP-19 EIGHTH ST VMP-41 VMP-10 VMP-11 VMP-17 VMP-12 VMP-29 PUBLIC WORKS YARD VMP-13

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-30	10 ft	**0.001 J**	<0.0037	<0.0038	<0.0038
	18 ft	**0.0096**	**0.011**	**0.00085 J**	**0.0021 J**
	26 ft	**0.02 / 0.019**	**0.017**	**0.0028 J**	**0.0087**
	40 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

VMP-55 VMP-30 1986 APPROXIMATE BENZENE RELEASE SITE RAND AVENUE VMP-25 VMP-14 VMP-15 VMP-16 MAIN PROPERTY

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-25	5 ft	<0.0038 / **0.00046 J**	<0.0039 / <0.0039	<0.0035 / <0.0033	<0.0039 / <0.004
	9.5 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]
	21 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]
	31 ft	Not Sampled[2]	Not Sampled[2]	Not Sampled[2]	Not Sampled[2]

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-17	5 ft	**0.014**	<0.004	<0.0034	<0.0041

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-55	5 ft	Not Sampled[1]	<0.0037	Not Sampled[1]	Not Sampled[1]
	10 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]
	20 ft	<0.25	<1.4	Not Sampled[1]	<0.4
	30 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-13	5 ft	<0.0036	**0.0037 J**	<0.0035	<0.004
	10.5 ft	**0.00052 J**	<0.0034	<0.0035	<0.004
	21.5 ft	**0.00071 J**	**0.0015 J**	**0.0031 J**	<0.0042
	29.5 ft	**0.00067 J**	<0.0038 / <0.004	<0.0034	<0.0042

WEST PROPERTY

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-14	5 ft	<0.0042	<0.004	<0.0036 / <0.0036	<0.0039
	11.5 ft	<0.0042	<0.0037	<0.0036	<0.0039
	20 ft	**0.0027 J**	**0.0045**	**0.0045**	**0.0016 J**
	29 ft	**0.0022 J** / <0.0041	<0.0039 / **0.001 J**	<0.0038	**0.0015 J**

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-15	5 ft	**0.0042**	**0.002 J**	<0.0036	<0.0038
	21.5 ft	**0.003 J**	<0.0039	<0.0035	**0.024 J**
	25.5 ft	**0.027**	**0.0014 J**	<0.0035	**0.03 / 0.032**
	29 ft	**0.027**	**0.0012 J**	Not Sampled[1]	Not Sampled[1]

SCALE Ø 200 FEET

N

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US
SOIL VAPOR MONITORING PROGRAM
ROXANA, ILLINOIS

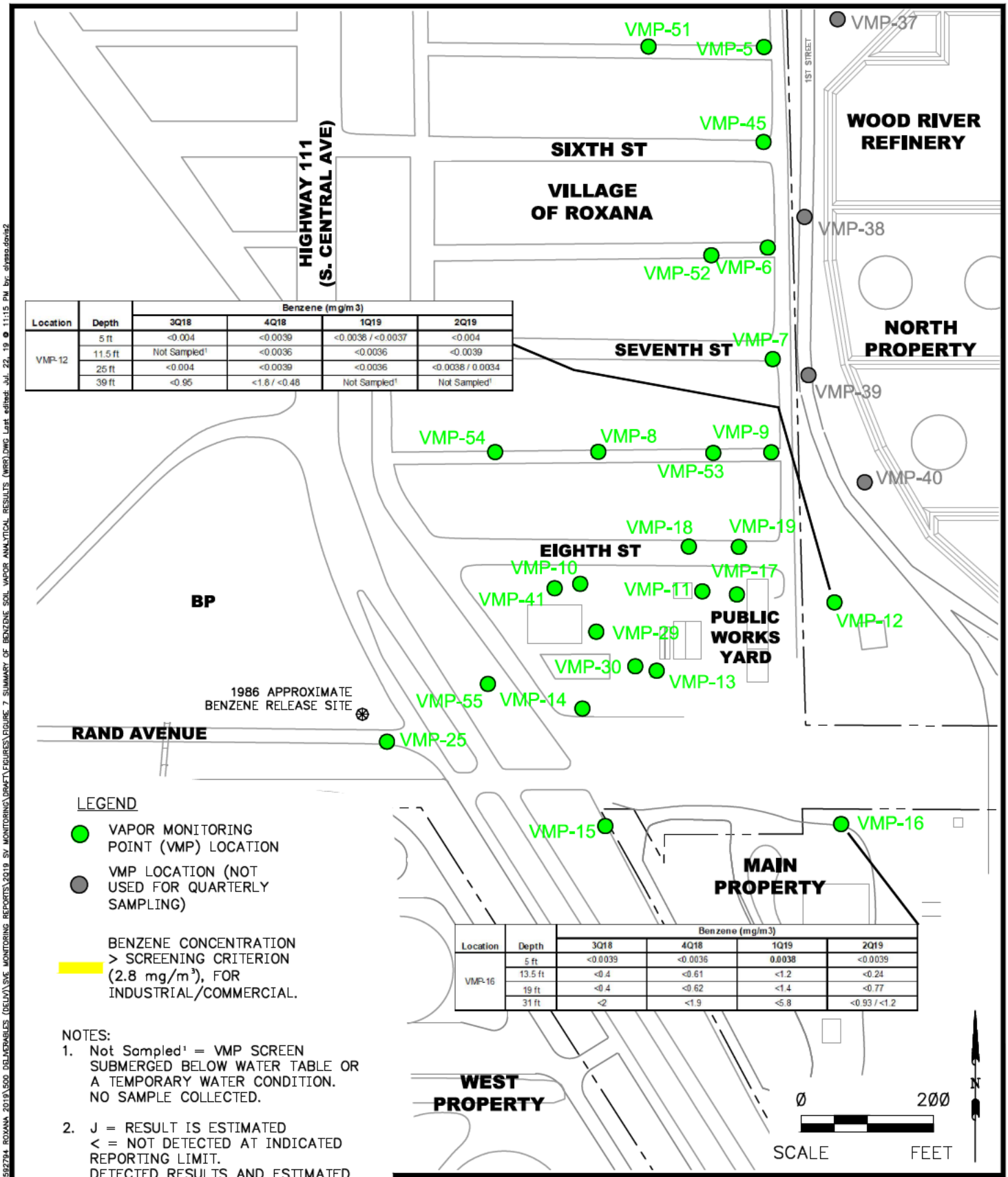
PROJECT NO. 60592794

AECOM

DRN. BY: asd July 2019
DSGN. BY: djd
CHKD. BY: smf

2Q19 Summary of Benzene Soil Vapor Analytical Results– Roxana Public Works Yard Area

FIG. NO. 6



Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-12	5 ft	<0.004	<0.0039	<0.0038 / <0.0037	<0.004
	11.5 ft	Not Sampled[1]	<0.0036	<0.0036	<0.0039
	25 ft	<0.004	<0.0039	<0.0036	<0.0038 / 0.0034
	39 ft	<0.95	<1.8 / <0.48	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q18	4Q18	1Q19	2Q19
VMP-16	5 ft	<0.0039	<0.0036	**0.0038**	<0.0039
	13.5 ft	<0.4	<0.61	<1.2	<0.24
	19 ft	<0.4	<0.62	<1.4	<0.77
	31 ft	<2	<1.9	<5.8	<0.93 / <1.2

LEGEND

- VAPOR MONITORING POINT (VMP) LOCATION
- VMP 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 BELOW WATER TABLE OR A TEMPORARY WATER CONDITION. NO SAMPLE COLLECTED.
2. J = RESULT IS ESTIMATED
   < = NOT DETECTED AT INDICATED REPORTING LIMIT.
   DETECTED RESULTS AND ESTIMATED RESULTS ARE BOLD.
3. MULTIPLE RESULTS (e.g., 440/410) INDICATE DUPLICATE SAMPLES.

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US
SOIL VAPOR MONITORING PROGRAM
ROXANA, ILLINOIS

PROJECT NO. 60592794

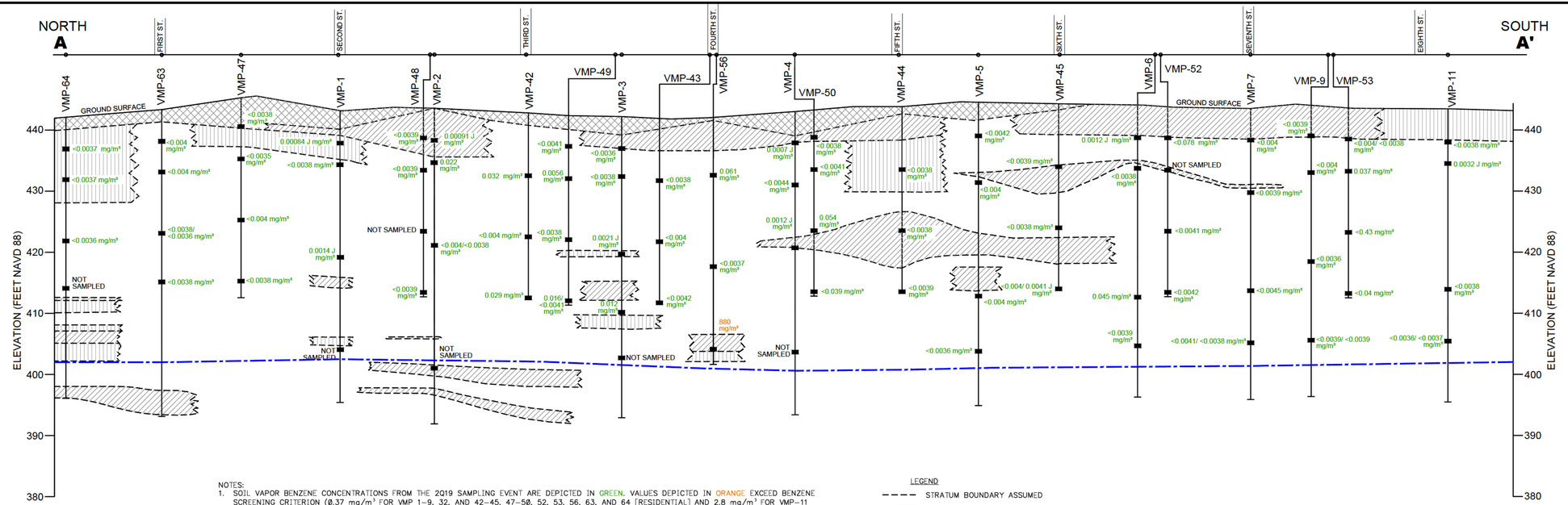
AECOM

DRN. BY: asd July 2019
DSGN. BY: djd
CHKD. BY: smf

2Q19 Summary of Benzene Soil Vapor Analytical Results – WRR

FIG. NO. 7

File: G:\STLOUIS\DGS\PROJECTS\ENV\SHELL\60592794 ROXANA 2019\500 DELIVERABLES (DELIV)\SVE MONITORING REPORTS\2019 SV MONITORING\DRAFT\FIGURES\FIGURE 7 SUMMARY OF BENZENE SOIL VAPOR ANALYTICAL RESULTS (WRR).DWG Last edited: Jul. 22, 19 @ 11:15 PM by: alvana.dovin2

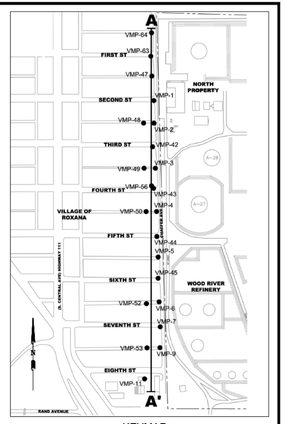


NOTES:
1. SOIL VAPOR BENZENE CONCENTRATIONS FROM THE 2Q19 SAMPLING EVENT ARE DEPICTED IN GREEN. VALUES DEPICTED IN ORANGE EXCEED BENZENE SCREENING CRITERION (0.37 mg/m³ FOR VMP 1–9, 32, AND 42–45, 47–50, 52, 53, 56, 63, AND 64 [RESIDENTIAL] AND 2.8 mg/m³ FOR VMP–11 [COMMERCIAL/INDUSTRIAL]).
2. GROUNDWATER ELEVATIONS SHOWN ON THIS CROSS–SECTION ARE BASED ON GROUNDWATER GAUGING DATA COLLECTED APRIL 1–3, 2019.
3. THIS GEOLOGIC CROSS–SECTION IS PRIMARILY BASED ON THE INTERPRETATION OF CPT DATA AND BORING LOGS DEVELOPED DURING OTHER DRILLING TECHNIQUES (E.G. AUGER AND GEOPROBE) COLLECTED BY AECOM SINCE 2006. LITHOLOGY WAS PROJECTED BETWEEN SUBSURFACE INVESTIGATION POINTS.
4. CROSS–SECTION TRACE LINE SHOWS DISTANCE AND DIRECTION EACH POINT WAS PROJECTED TO CONSTRUCT THIS CROSS–SECTION.
5. VMPs OFFSET FROM CROSS–SECTIONAL LINE (VMP–43, VMP–48, VMP–49, VMP–50, VMP–52, AND VMP–53) ARE INCLUDED TO DISPLAY BENZENE CONCENTRATION DATA ONLY.

LEGEND
- STRATUM BOUNDARY ASSUMED
- FILL PROJECTED BETWEEN POINTS (INCLUDES CINDERS, GRAVEL, CLAY, AND/OR SILTY CLAY)
- CLAY PROJECTED BETWEEN POINTS (INCLUDES SILTY CLAY AND SANDY CLAY)
- SILT PROJECTED BETWEEN POINTS (INCLUDES SANDY SILT AND CLAYEY SILT)
- SAND PROJECTED BETWEEN POINTS (INCLUDES SILTY SAND AND CLAYEY SAND)
- POTENTIOMETRIC SURFACE – ESTIMATED

Ø 10
VERTICAL SCALE FEET

Ø 100
APPROXIMATE HORIZONTAL SCALE FEET



KEYMAP
NOT TO SCALE

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 60592794
AECOM		
DRN. BY: asd July 2019 DSGN. BY: djz CHKD. BY: smf	2019 Cross–Section with Benzene Soil Vapor Analytical Results – Chaffer Avenue	FIG. NO. 8

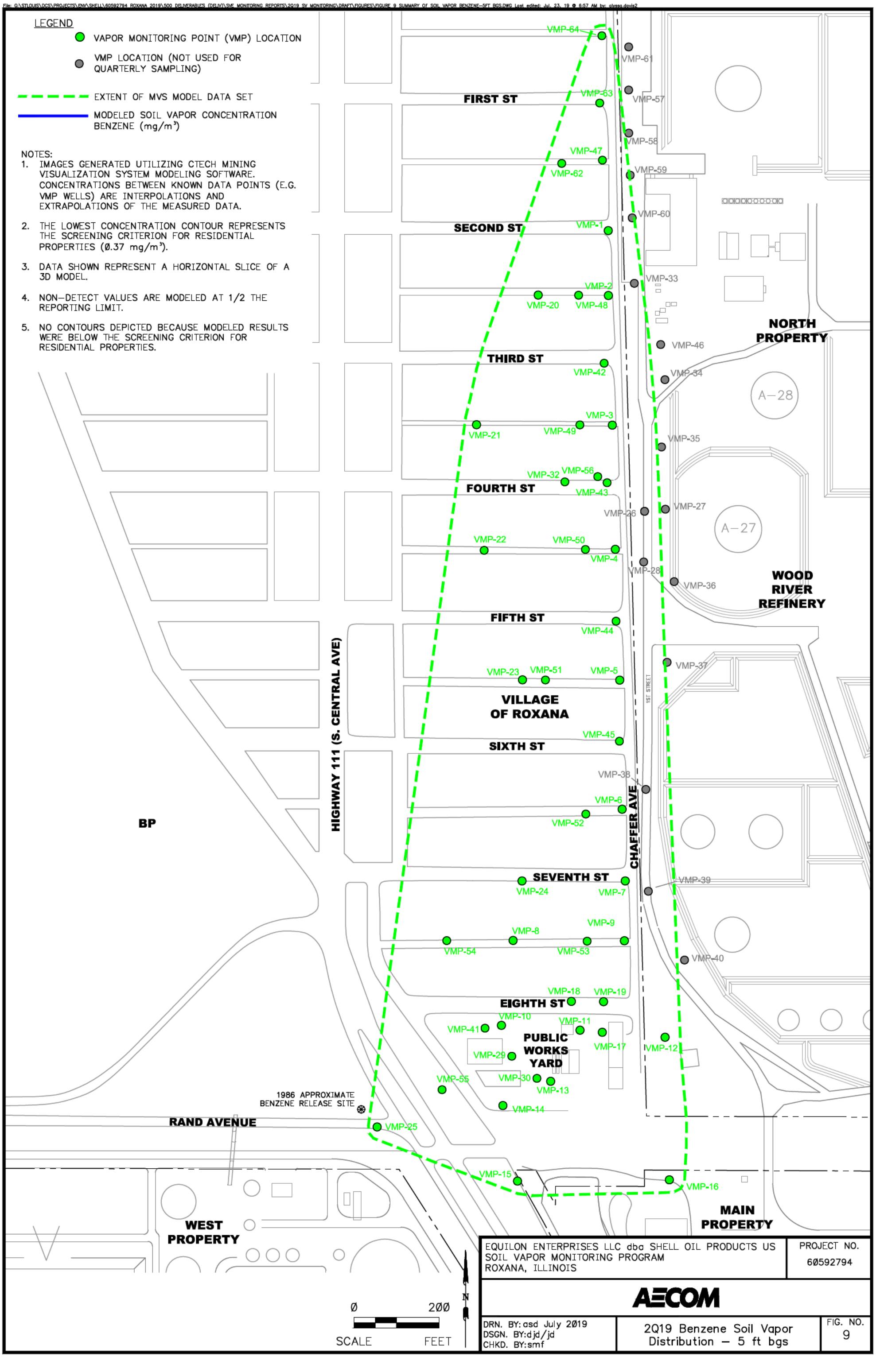
File: G:\STLOUIS\DCS\PROJECTS\ENV\SHELL\60592794 ROXANA 2019\500 DELIVERABLES (DELIV)\SVE MONITORING REPORTS\2019 SV MONITORING\DRAFT\FIGURES\FIGURE 9 SUMMARY OF SOIL VAPOR BENZENE-5FT BGS.DWG Last edited: Jul. 23, 19 @ 6:57 AM by: alyssa.davis2

LEGEND

- VAPOR MONITORING POINT (VMP) LOCATION
- VMP LOCATION (NOT USED FOR QUARTERLY SAMPLING)
- EXTENT OF MVS MODEL DATA SET
- MODELED SOIL VAPOR CONCENTRATION BENZENE (mg/m³)

NOTES:

1. IMAGES GENERATED UTILIZING CTECH MINING 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/m³).
3. DATA SHOWN REPRESENT A HORIZONTAL SLICE OF A 3D MODEL.
4. NON-DETECT VALUES ARE MODELED AT 1/2 THE REPORTING LIMIT.
5. NO CONTOURS DEPICTED BECAUSE MODELED RESULTS WERE BELOW THE SCREENING CRITERION FOR RESIDENTIAL PROPERTIES.



EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 60592794
AECOM		
DRN. BY: asd July 2019 DSGN. BY: djd/jd CHKD. BY: smf	2Q19 Benzene Soil Vapor Distribution – 5 ft bgs	FIG. NO. 9

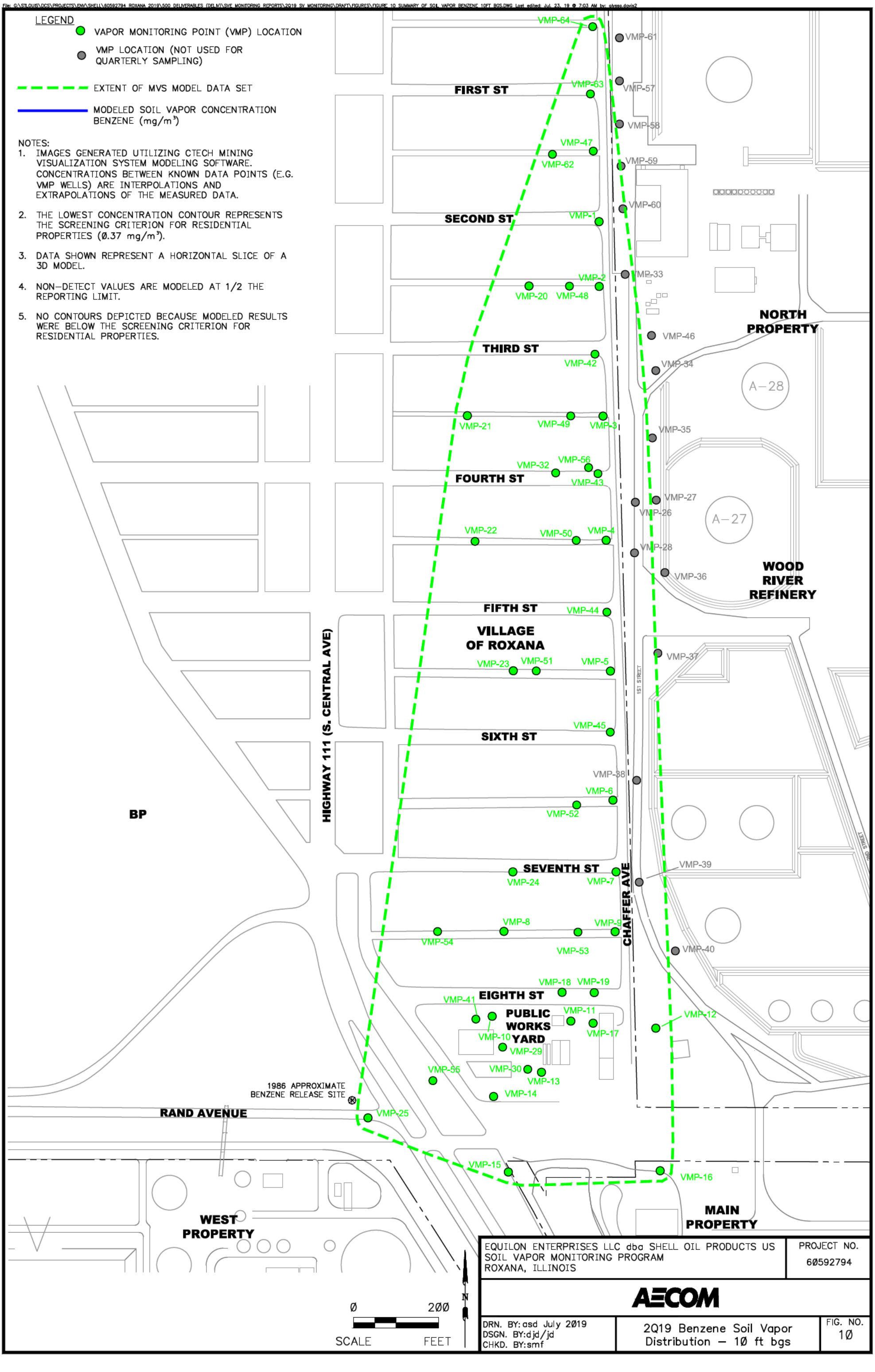
File: G:\STLOUIS\DCS\PROJECTS\ENV\SHELL\60592794 ROXANA 2019\500 DELIVERABLES (DELM)\SVE MONITORING REPORTS\2019 SV MONITORING\DRAFT\FIGURES\FIGURE 10 SUMMARY OF SOIL VAPOR BENZENE 10FT BGS.DWG Last edited: Jul. 23, 19 @ 7:03 AM by: alyssg.dgvis2

LEGEND

- VAPOR MONITORING POINT (VMP) LOCATION
- VMP LOCATION (NOT USED FOR QUARTERLY SAMPLING)
- EXTENT OF MVS MODEL DATA SET
- MODELED SOIL VAPOR CONCENTRATION BENZENE (mg/m³)

NOTES:

1. IMAGES GENERATED UTILIZING CTECH MINING 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/m³).
3. DATA SHOWN REPRESENT A HORIZONTAL SLICE OF A 3D MODEL.
4. NON-DETECT VALUES ARE MODELED AT 1/2 THE REPORTING LIMIT.
5. NO CONTOURS DEPICTED BECAUSE MODELED RESULTS WERE BELOW THE SCREENING CRITERION FOR RESIDENTIAL PROPERTIES.



EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 60592794
AECOM	
DRN. BY: asd July 2019 DSGN. BY: djd/jd CHKD. BY: smf	2Q19 Benzene Soil Vapor Distribution – 10 ft bgs
	FIG. NO. 10

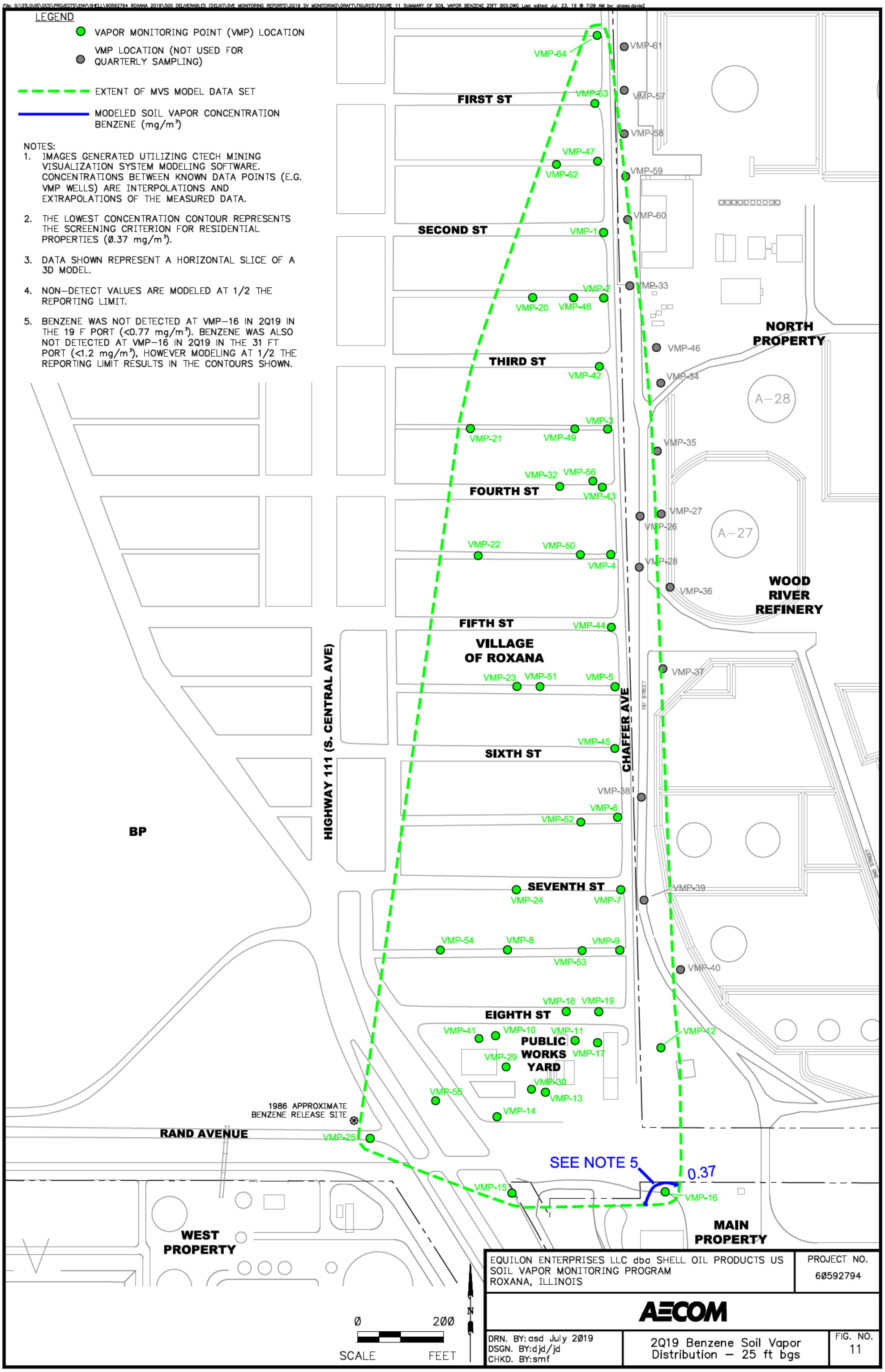
File: G:\STLOUIS\DCS\PROJECTS\ENV\SHELL\60592794 ROXANA 2018\500 DELIVERABLES (DELIV)\SVE MONITORING REPORTS\2019 SV MONITORING\DRAFT\FIGURES\FIGURE 11 SUMMARY OF SOIL VAPOR BENZENE 25FT BGS.DWG Last edited: Jul. 23, 19 @ 7:09 AM by: alyssa.davis2

LEGEND

- VAPOR MONITORING POINT (VMP) LOCATION
- VMP LOCATION (NOT USED FOR QUARTERLY SAMPLING)
- EXTENT OF MVS MODEL DATA SET
- MODELED SOIL VAPOR CONCENTRATION BENZENE (mg/m³)

NOTES:

1. IMAGES GENERATED UTILIZING CTECH MINING 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/m³).
3. DATA SHOWN REPRESENT A HORIZONTAL SLICE OF A 3D MODEL.
4. NON-DETECT VALUES ARE MODELED AT 1/2 THE REPORTING LIMIT.
5. BENZENE WAS NOT DETECTED AT VMP-16 IN 2Q19 IN THE 19 F PORT (<0.77 mg/m³). BENZENE WAS ALSO NOT DETECTED AT VMP-16 IN 2Q19 IN THE 31 FT PORT (<1.2 mg/m³), HOWEVER MODELING AT 1/2 THE REPORTING LIMIT RESULTS IN THE CONTOURS SHOWN.



EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 60592794
AECOM	
DRN. BY: asd July 2019 DSGN. BY: djd/jd CHKD. BY: smf	2Q19 Benzene Soil Vapor Distribution – 25 ft bgs FIG. NO. 11

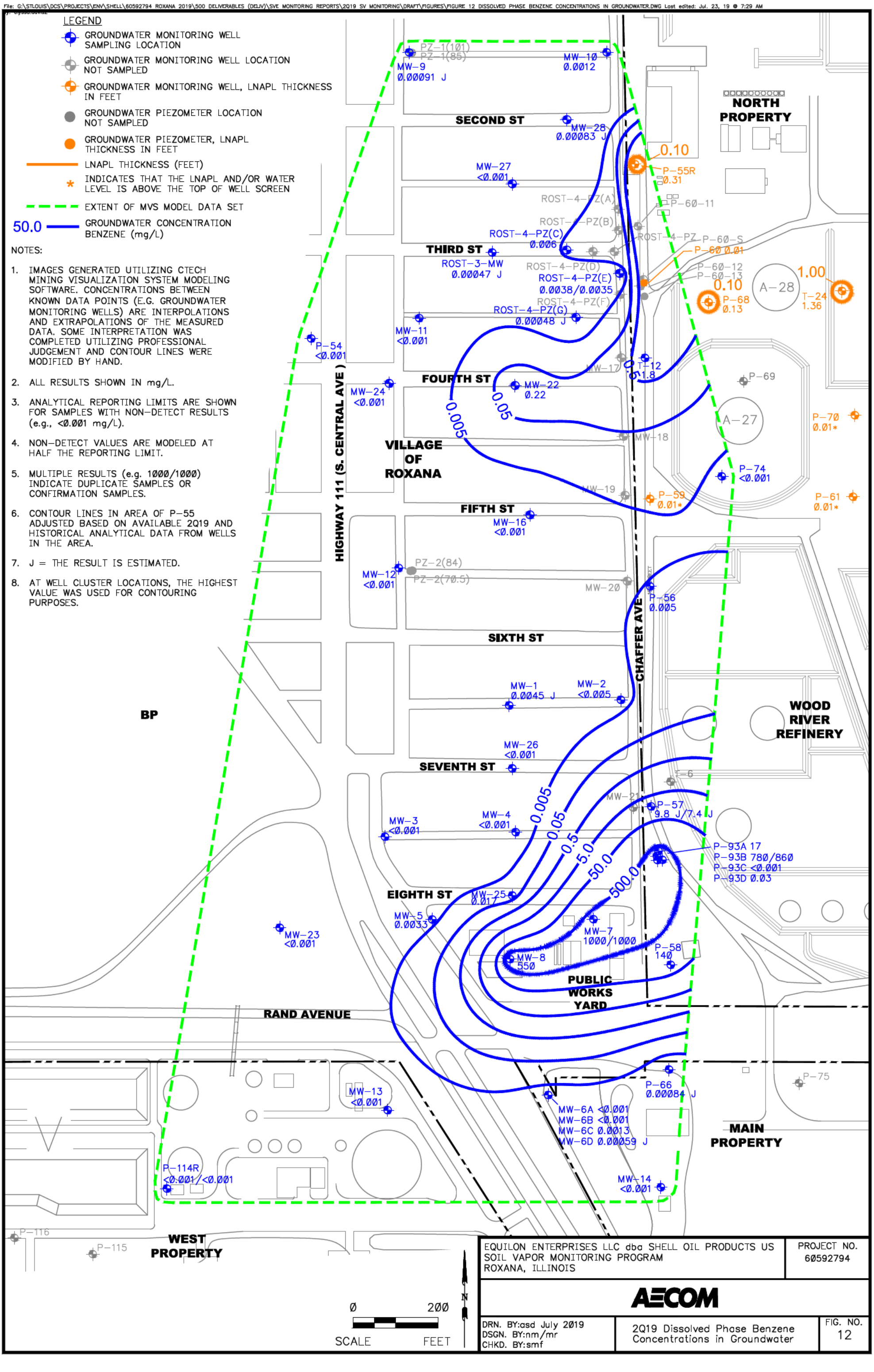
File: G:\STLOUIS\DCS\PROJECTS\ENV\SHELL\60592794 ROXANA 2019\500 DELIVERABLES (DELIV)\SVE MONITORING REPORTS\2019 SV MONITORING\DRAFT\FIGURES\FIGURE 12 DISSOLVED PHASE BENZENE CONCENTRATIONS IN GROUNDWATER.DWG Last edited: Jul. 23, 19 @ 7:29 AM

LEGEND

- GROUNDWATER MONITORING WELL SAMPLING LOCATION
- GROUNDWATER MONITORING WELL LOCATION NOT SAMPLED
- GROUNDWATER MONITORING WELL, LNAPL THICKNESS IN FEET
- GROUNDWATER PIEZOMETER LOCATION NOT SAMPLED
- GROUNDWATER PIEZOMETER, LNAPL THICKNESS IN FEET
- LNAPL THICKNESS (FEET)
- * INDICATES THAT THE LNAPL AND/OR WATER LEVEL IS ABOVE THE TOP OF WELL SCREEN
- EXTENT OF MVS MODEL DATA SET
- 50.0 GROUNDWATER CONCENTRATION BENZENE (mg/L)

NOTES:

1. IMAGES GENERATED UTILIZING CTECH MINING 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., <Ø.ØØ1 mg/L).
4. NON-DETECT VALUES ARE MODELED AT HALF THE REPORTING LIMIT.
5. MULTIPLE RESULTS (e.g. 1ØØØ/1ØØØ) INDICATE DUPLICATE SAMPLES OR CONFIRMATION SAMPLES.
6. CONTOUR LINES IN AREA OF P-55 ADJUSTED BASED ON AVAILABLE 2Q19 AND HISTORICAL ANALYTICAL DATA FROM WELLS IN THE AREA.
7. J = THE RESULT IS ESTIMATED.
8. AT WELL CLUSTER LOCATIONS, THE HIGHEST VALUE WAS USED FOR CONTOURING PURPOSES.



EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 6Ø592794
AECOM		
DRN. BY:asd July 2Ø19 DSGN. BY:nm/mr CHKD. BY:smf	2Q19 Dissolved Phase Benzene Concentrations in Groundwater	FIG. NO. 12

File: G:\STLOUIS\DCS\PROJECTS\ENV\SHELL\60592794 ROXANA 2019\500 DELIVERABLES (DELIV)\SVE MONITORING REPORTS\2019 SV MONITORING\DRAFT\FIGURES\FIGURE 13 THICKNESS OF LNAPL (2019).DWG Last edited: Jul. 23, 19 @ 7:30 PM by: alyssa.davis2

LEGEND

- GROUNDWATER MONITORING WELL LOCATION GAUGED, LNAPL THICKNESS IN FEET
- GROUNDWATER MONITORING WELL LOCATION (NO LNAPL OBSERVED UNLESS OTHERWISE NOTED)
- GROUNDWATER PIEZOMETER LOCATION (NO LNAPL OBSERVED UNLESS OTHERWISE NOTED)
- OIL RECOVERY WELL
- WATER PRODUCTION WELL
- LNAPL THICKNESS (FEET)
- * INDICATES THAT THE LNAPL AND/OR WATER LEVEL IS ABOVE THE TOP OF WELL SCREEN

NOTE:
1. THIS MAP DEPICTS THE ESTIMATED EXTENT AND THICKNESS OF LNAPL BENEATH THE WEST FENCELINE 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, 2019.

TYDEMAN AVE
FIRST ST
SECOND ST
THIRD ST
FOURTH ST
FIFTH ST
SIXTH ST
SEVENTH ST
EIGHTH ST
VILLAGE OF ROXANA
HIGHWAY 111 (S. CENTRAL AVE)
CHAFFER AVE
1986 APPROXIMATE BENZENE RELEASE SITE
RAND AVENUE
PUBLIC WORKS YARD
NORTH PROPERTY
WOOD RIVER REFINERY
MAIN PROPERTY
WEST PROPERTY
BP

P-84A P-84B P-84C P-84D
T-13 T-1 T-2
MW-9 MW-10
ROST-4-PZ(A) MW-28 ROST-4-PZ(B) ROST-4-PZ(D) MW-27 ROST-4-PZ(C) ROST-3-MW ROST-4-PZ
ROST-4-PZ(E) ROST-4-PZ(F) ROST-4-PZ(G)
P-54 MW-11 MW-17 T-12 MW-24 MW-22 MW-18 MW-19
MW-16 MW-12 MW-20 P-56
MW-2 MW-1
MW-26 MW-21 T-6 P-57
MW-3 MW-4 MW-25
MW-23 MW-5 MW-8 MW-7 P-58
P-93A P-93B P-93C P-93D
P-72 0.01*
P-55R 0.31
0.10
R-77 W-77 1.00
T-24 1.36
A-28 A-33
P-68 0.13
P-60 0.01
P-69 W-85 A-27 P-74
0.10 P-62 0.76
P-70 0.01*
P-61 0.01*
R-78 W-78
P-59 0.01*
R-79 W-79
P-71
S-1 0.01
R-80 W-80
R-89 W-89
R-66 P-75 MW-6
MW-13
R-81 W-81 MW-14
P-117 P-114R P-116 P-115 P-119
T-7 P-67 0.01*

0 300 SCALE FEET

N

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 60592794
AECOM	
DRN. BY:asd July 2019 DSGN. BY:mr CHKD. BY:smf	2Q19 Thickness of LNAPL – West Fenceline
	FIG. NO. 13

File: G:\STLOUIS\DCS\PROJECTS\ENV\SHELL\60592794 ROXANA 2019\500 DELIVERABLES (DELIV)\SVE MONITORING REPORTS\2019 SV MONITORING\DRAFT\FIGURES\FIGURE 14 SVE SYSTEM LAYOUT.DWG Last edited: Jul. 23, 19 @ 7:36 PM by: alyssa.davis2

TYDEMAN AVE
FIRST ST
SECOND ST
THIRD ST
FOURTH ST
FIFTH ST
SIXTH ST
SEVENTH ST
EIGHTH ST
VILLAGE OF ROXANA
WOOD RIVER REFINERY
A-28
A-27
NORTH PROPERTY
WEST PROPERTY
MAIN PROPERTY
PUBLIC WORKS PROPERTY
3RD STREET
1ST STREET
2ND STREET
CHAFFER AVE
(S. CENTRAL AVE) HIGHWAY 111
RAND AVENUE
1986 APPROXIMATE BENZENE RELEASE SITE
NEW CONEX
ABOVE GROUND STORAGE TANKS
RTO CONEX

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

LEGEND:

- SOIL VAPOR EXTRACTION (SVE) WELL LOCATION (SEE TABLE FOR COLOR LEGEND)
- VAPOR MONITOR NG POINT (VMP) LOCATION
- PROPERTY BOUNDARY
- UNDERGROUND P PING

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

200 0 200

SCALE IN FEET

N

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US
SOIL VAPOR MONITORING PROGRAM
ROXANA, ILLINOIS

PROJECT NO. 60592794

AECOM

DRN. BY: asd July 2019
DSGN. BY: djd
CHKD. BY: smf

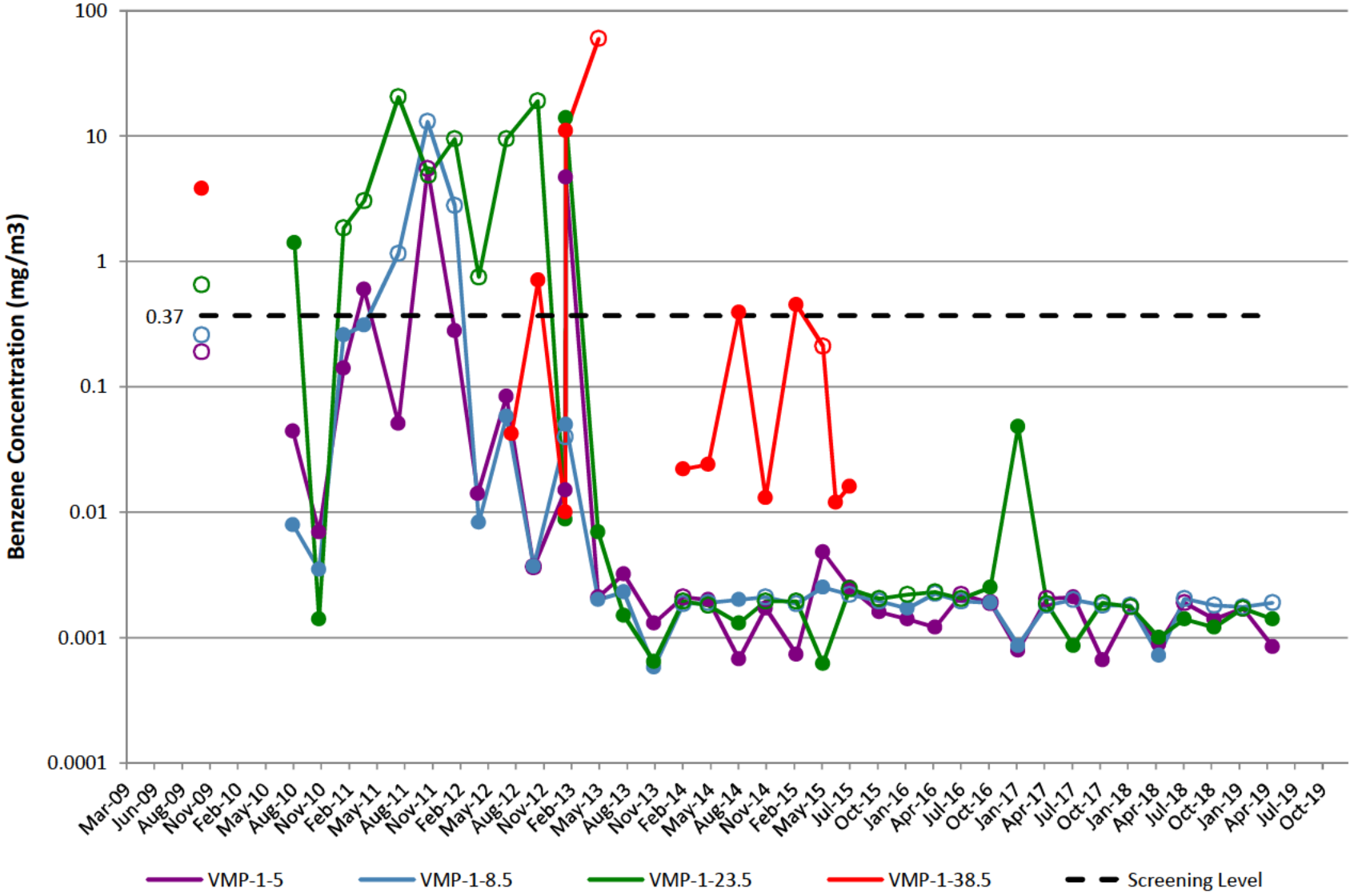
SVE System Layout

FIG. NO. 14

Appendix A
Benzene and Methane Charts

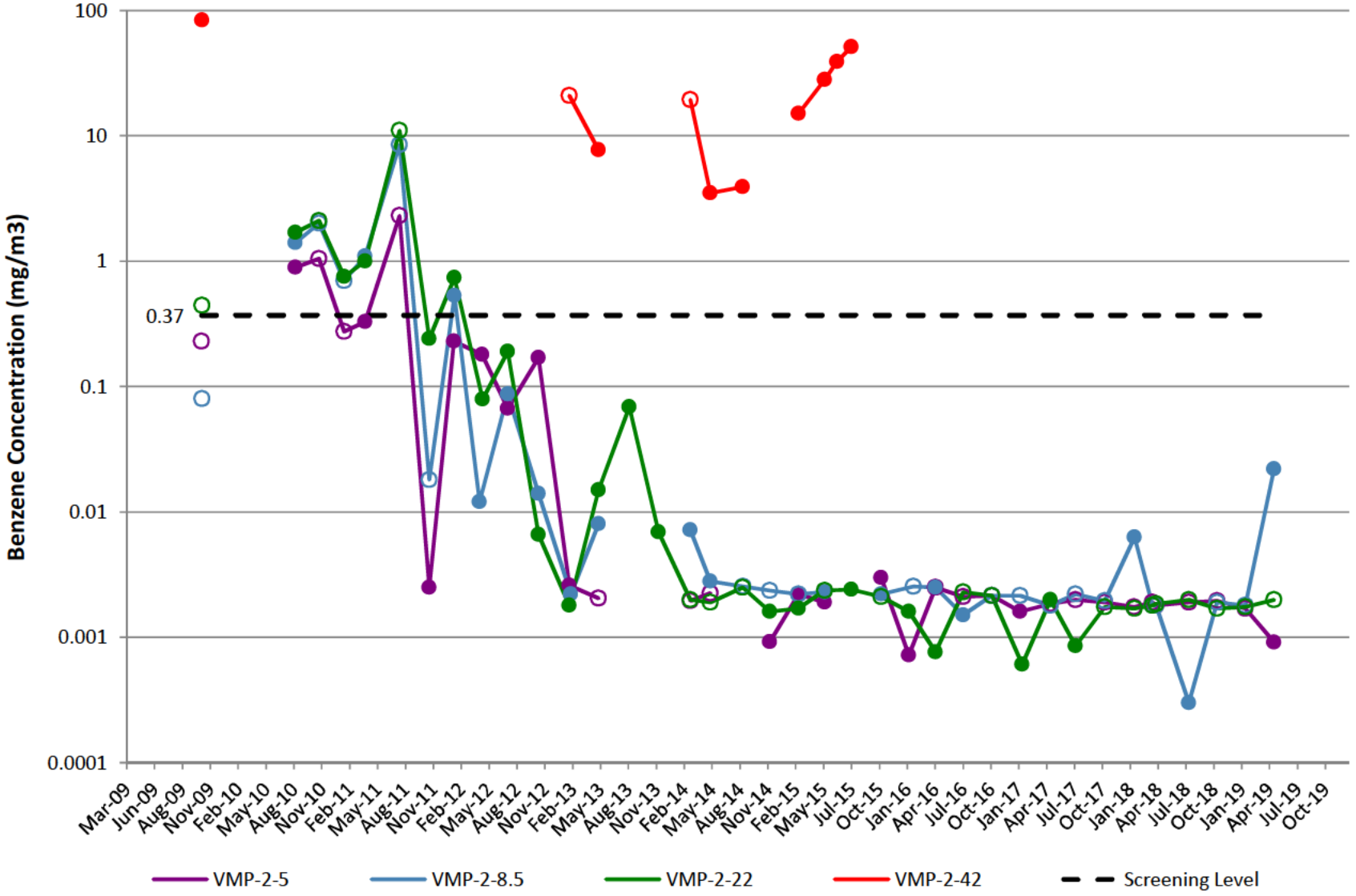
VMP-1

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



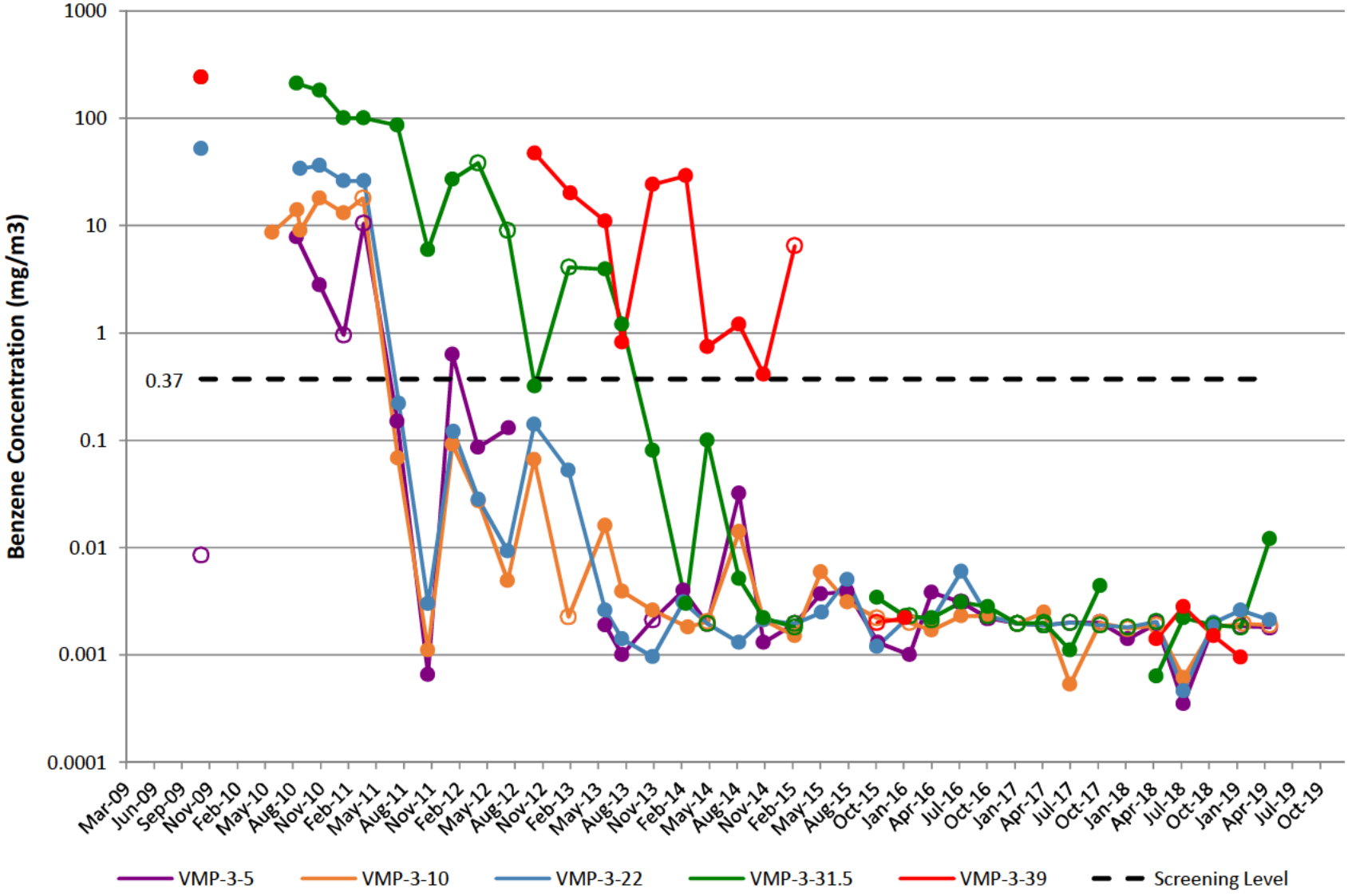
VMP-2

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



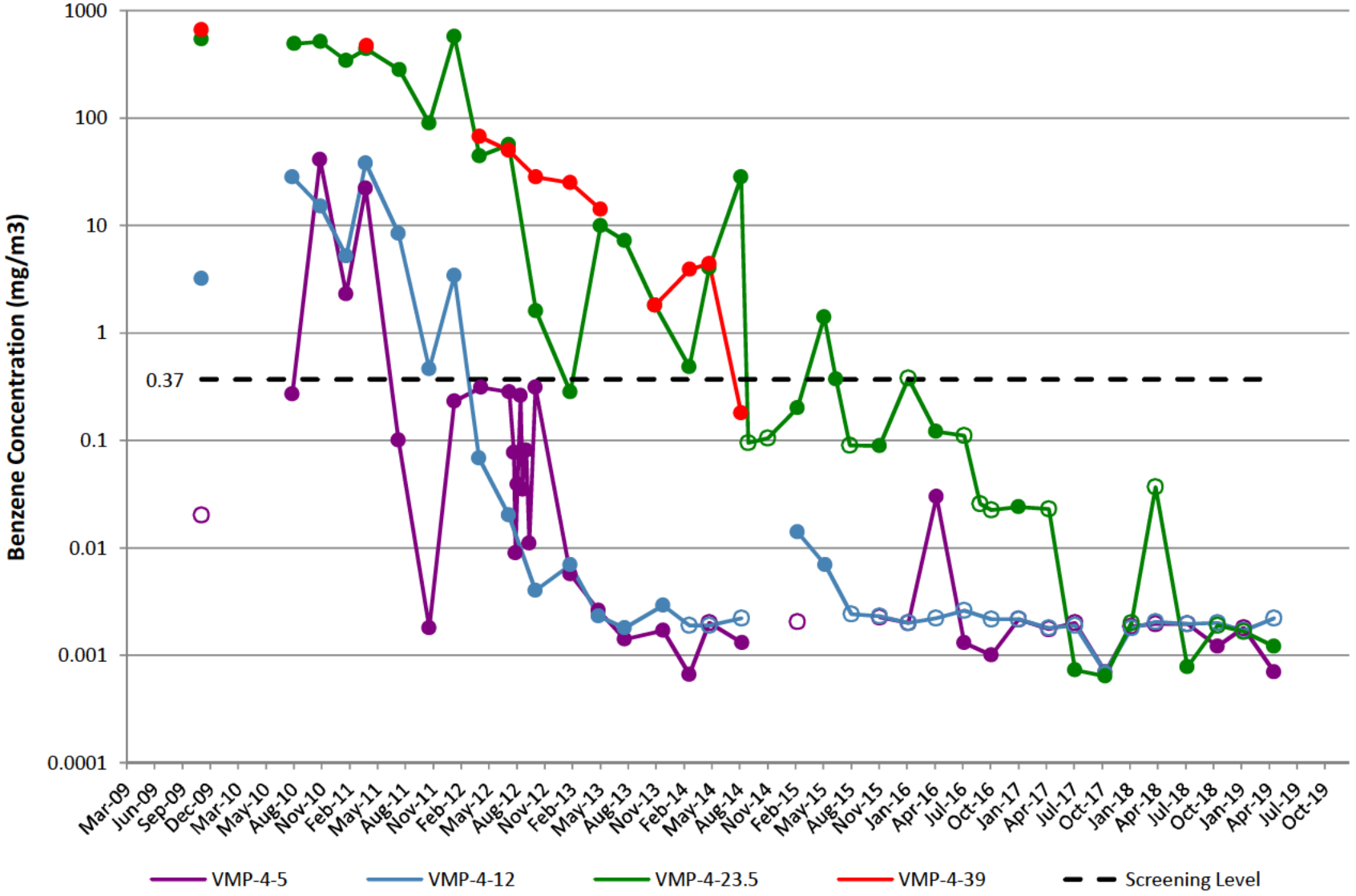
VMP-3

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



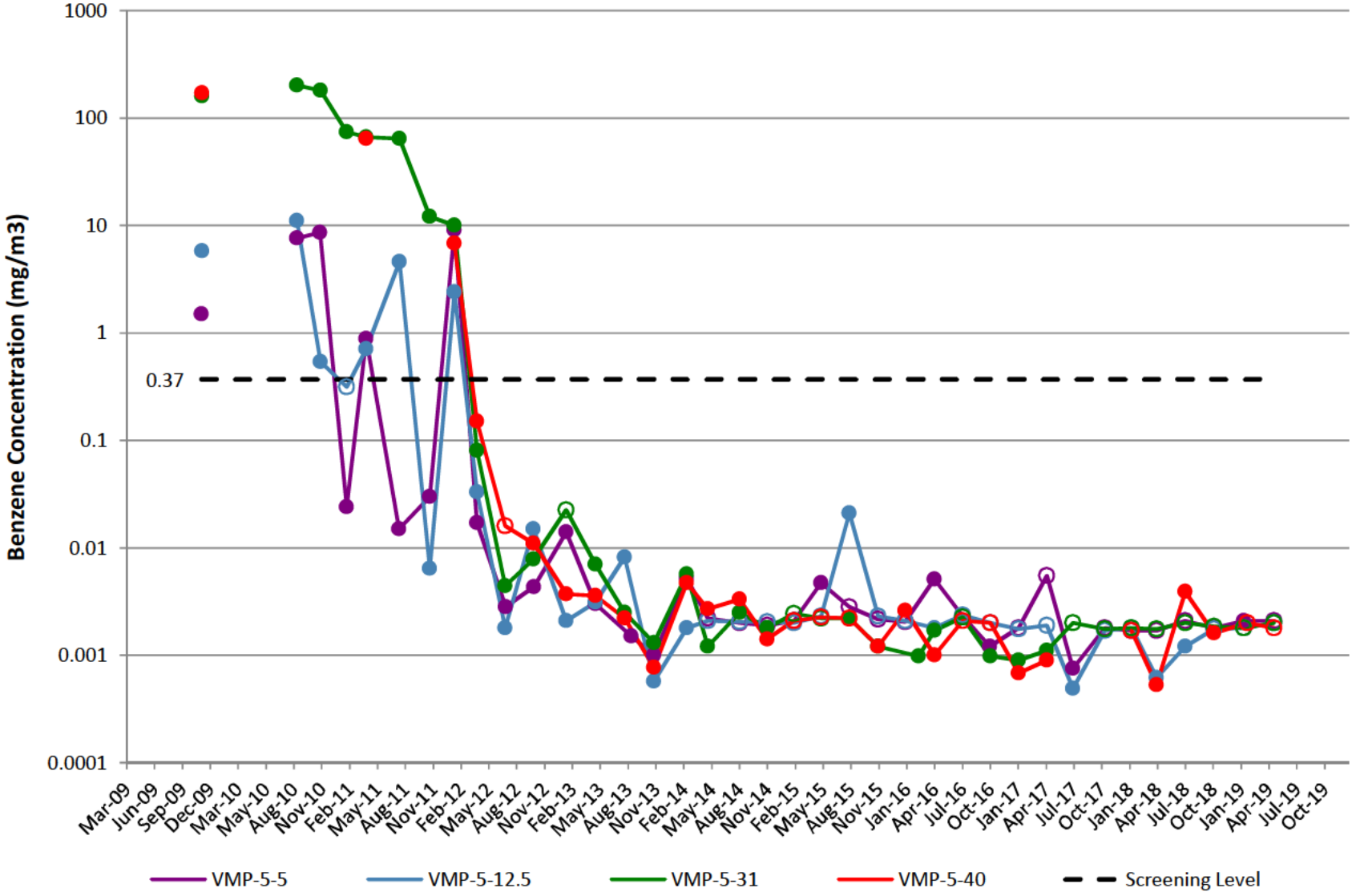
VMP-4

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



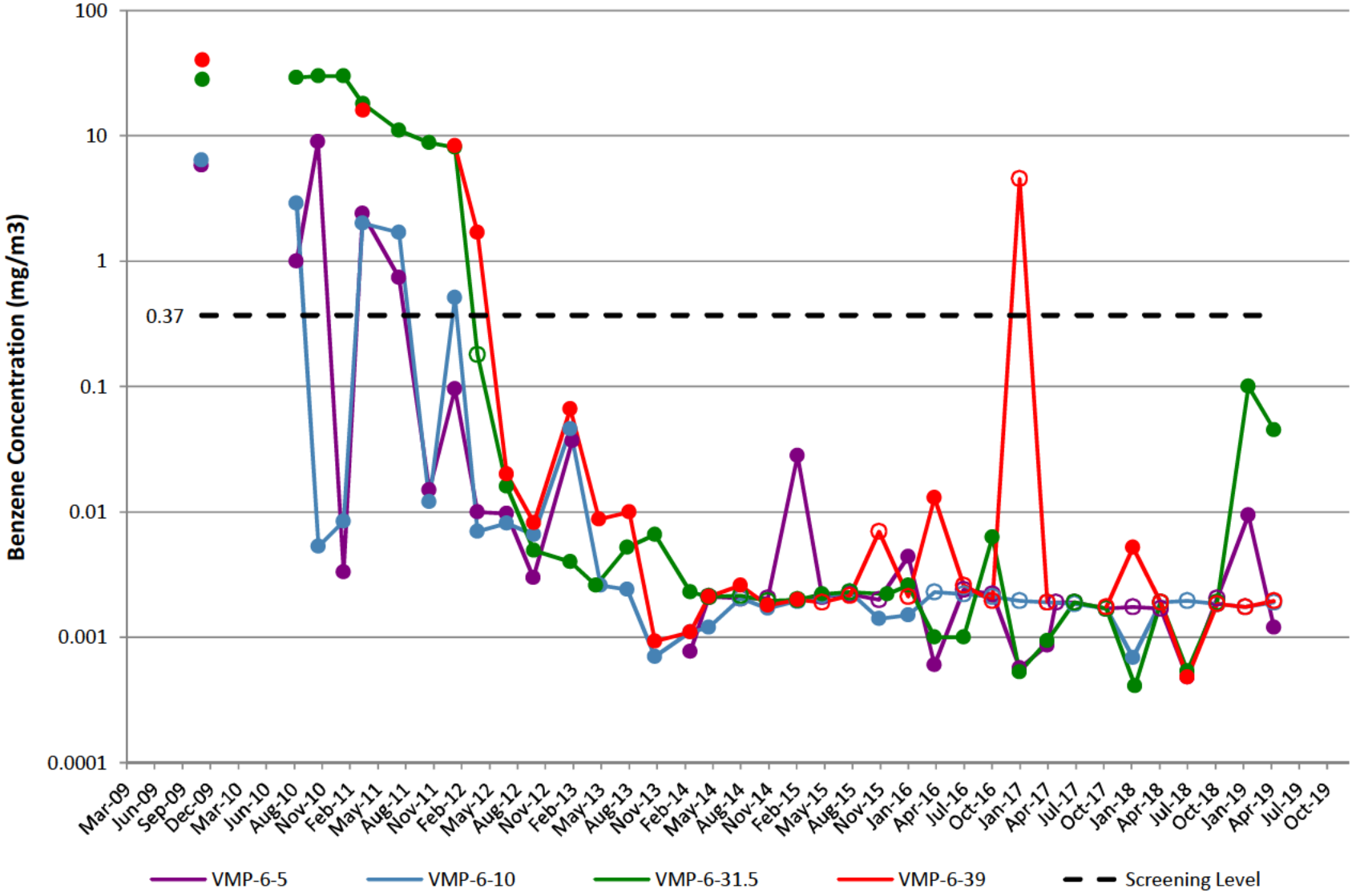
VMP-5

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



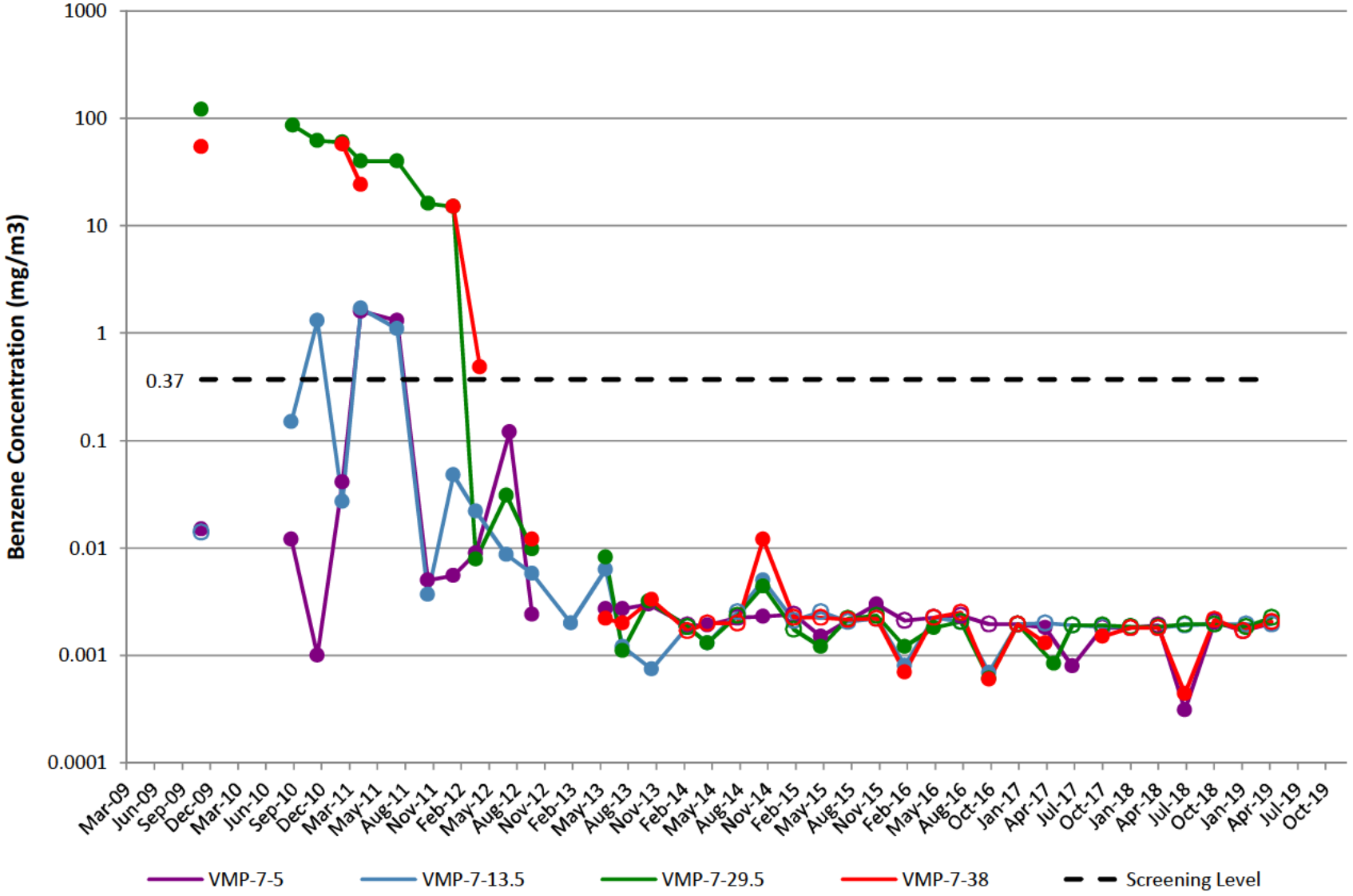
VMP-6

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



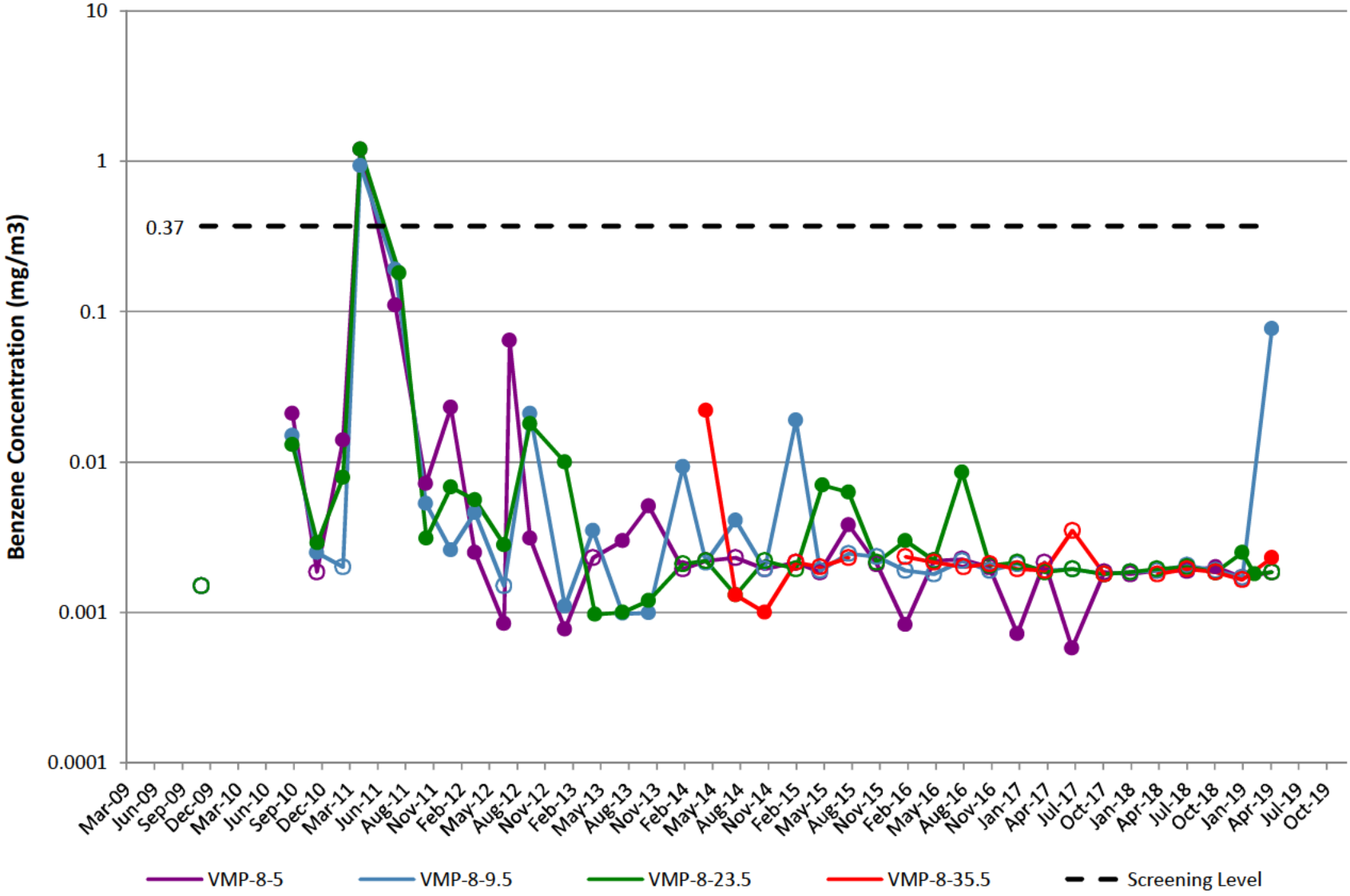
VMP-7

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



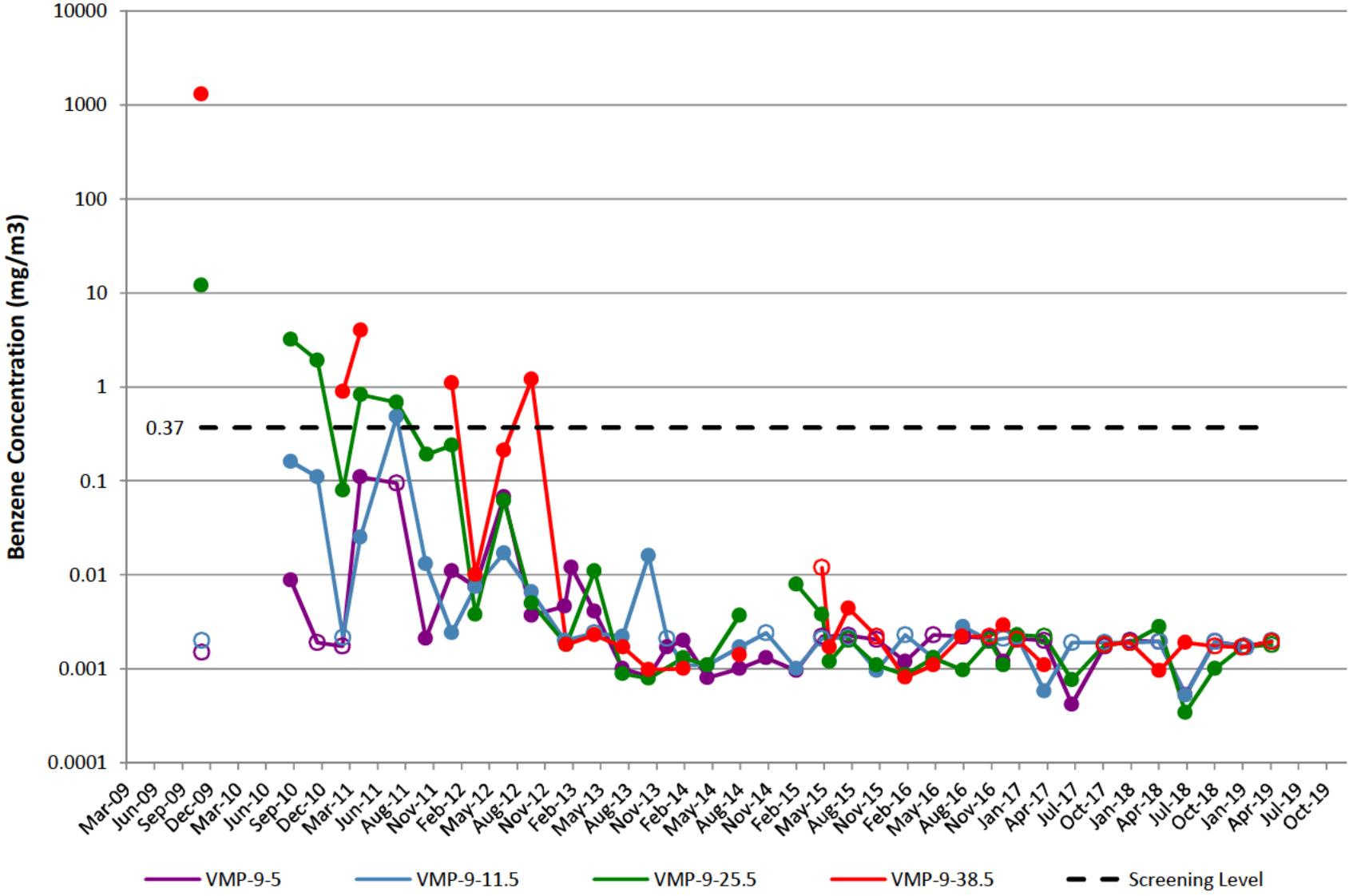
VMP-8

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



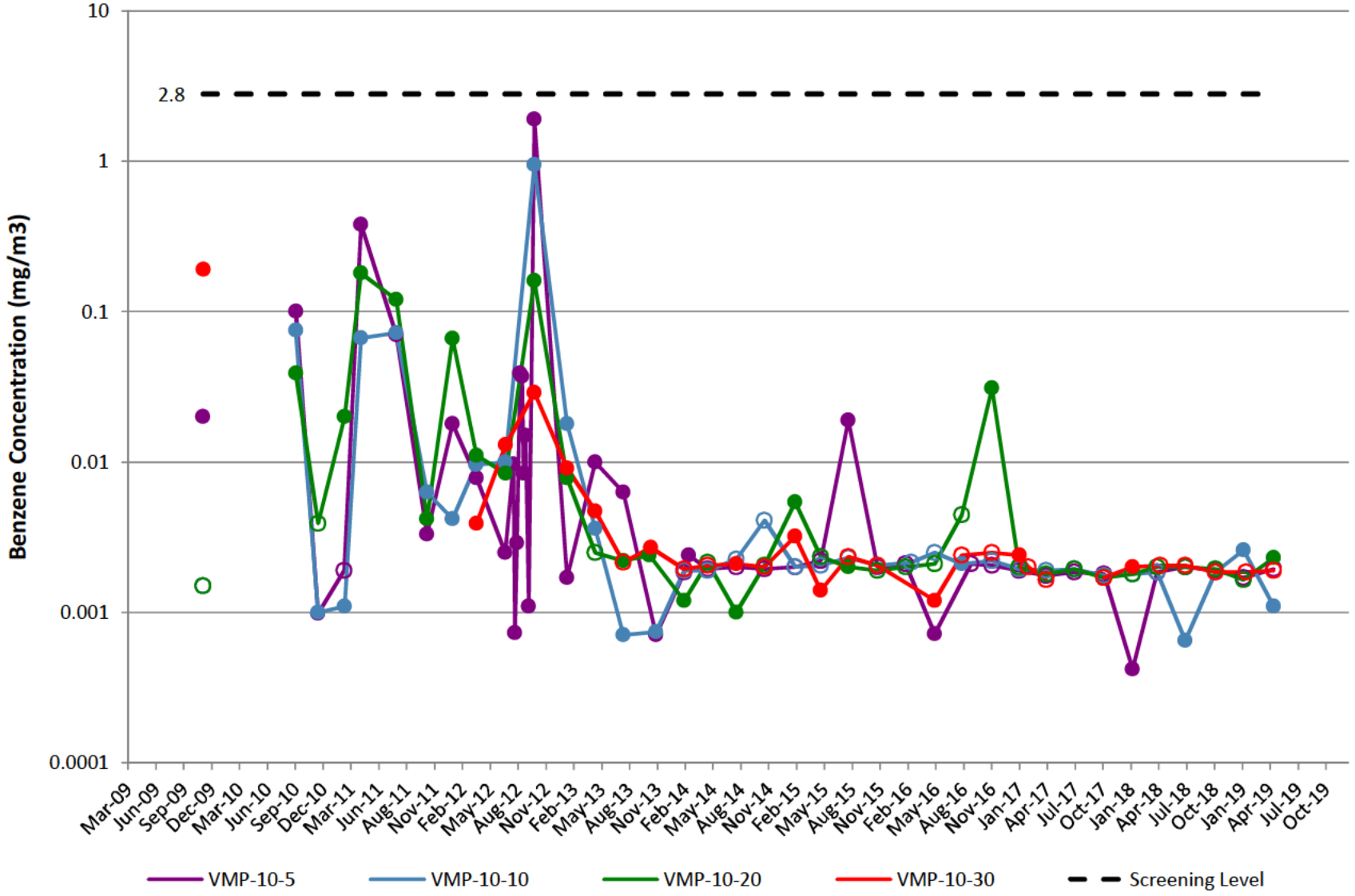
VMP-9

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



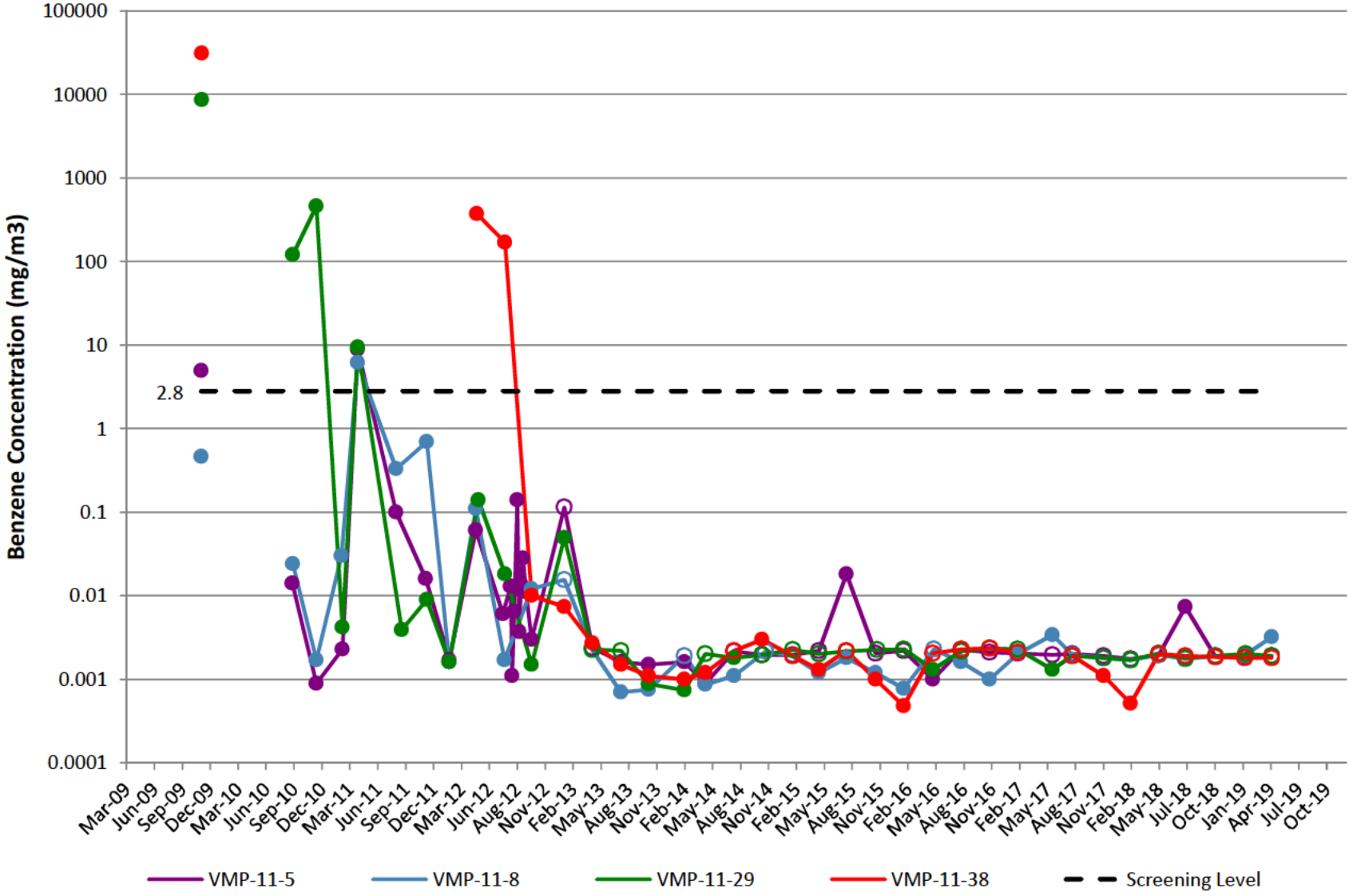
VMP-10

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



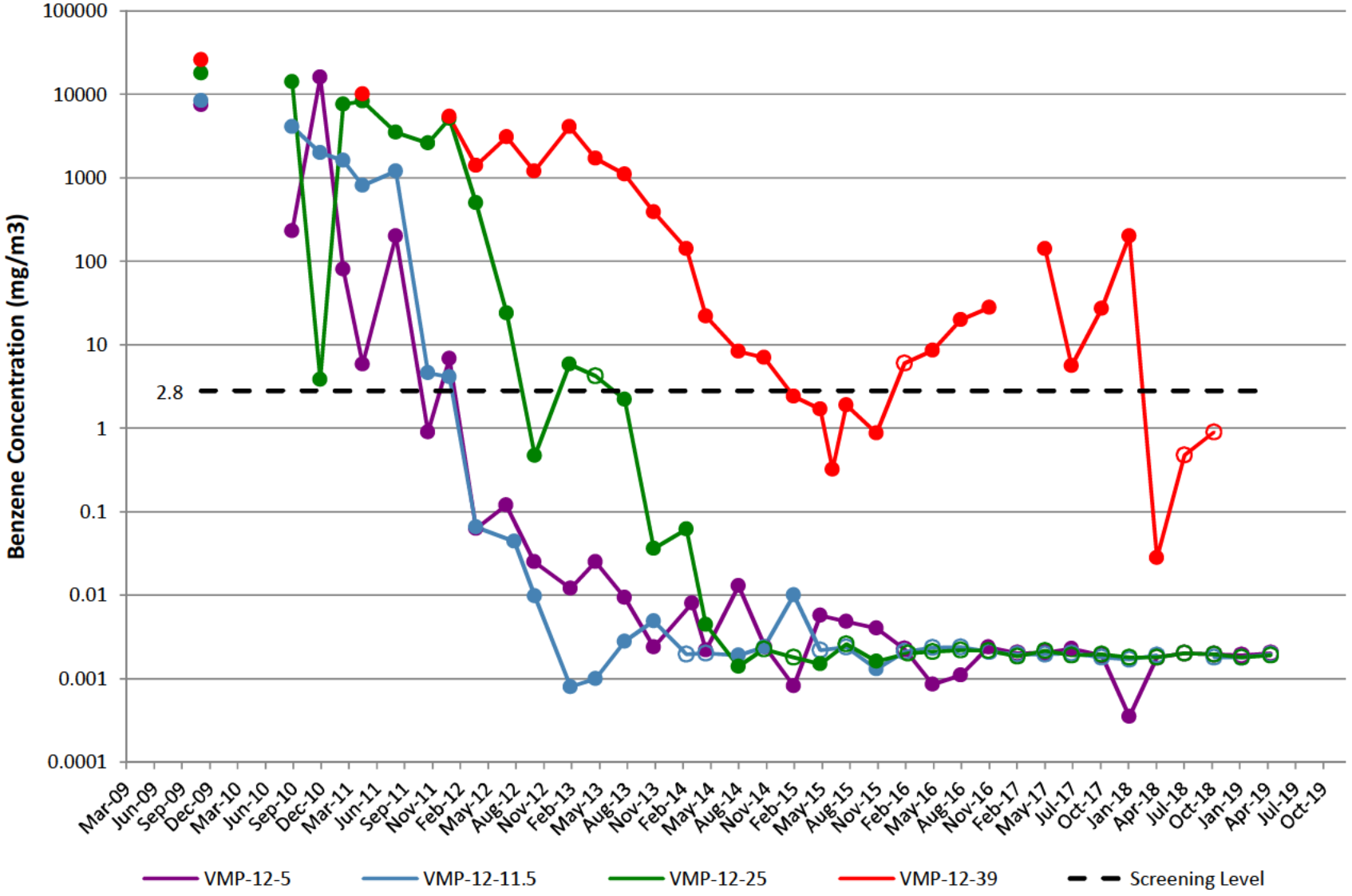
VMP-11

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



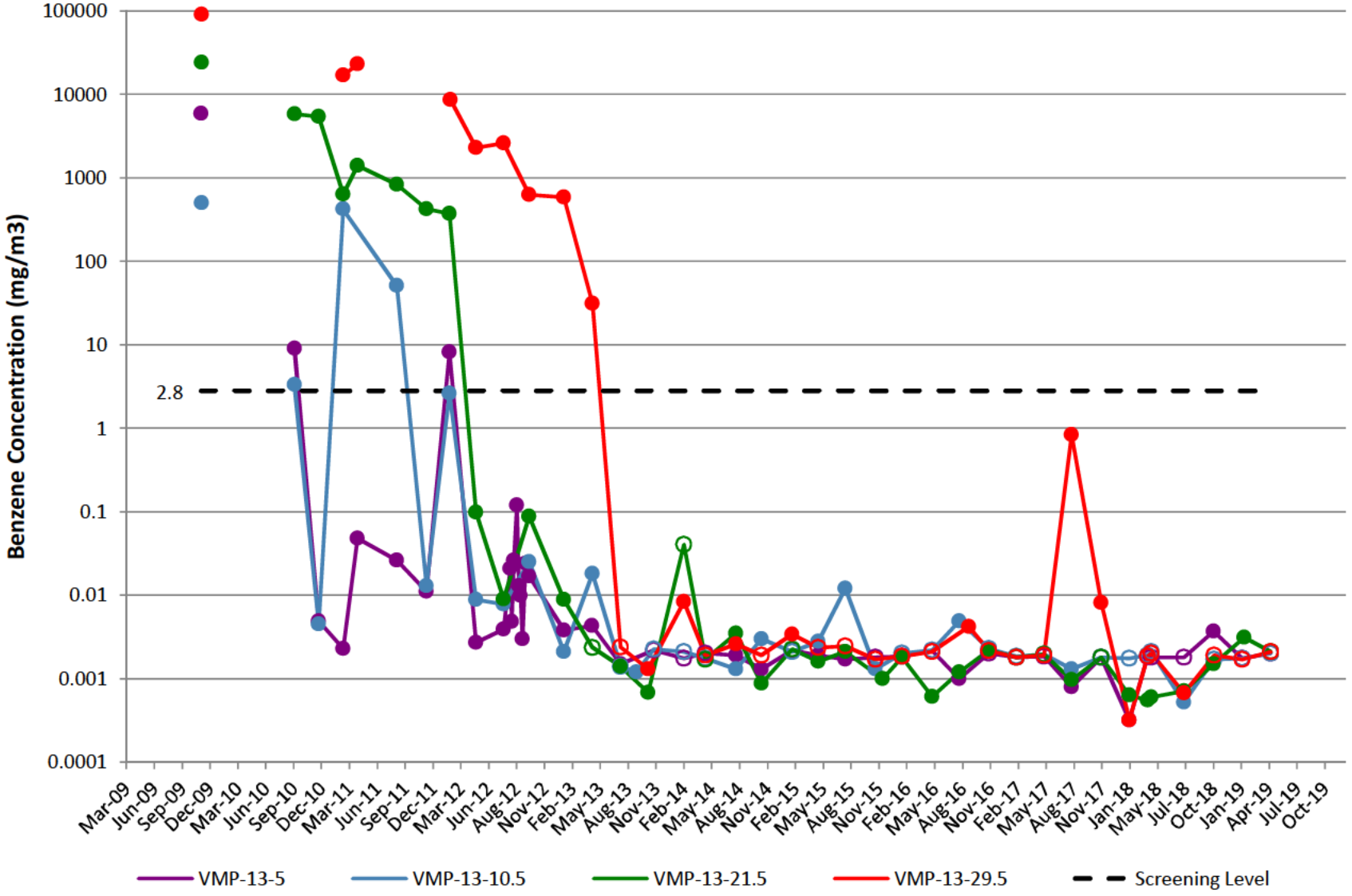
VMP-12

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



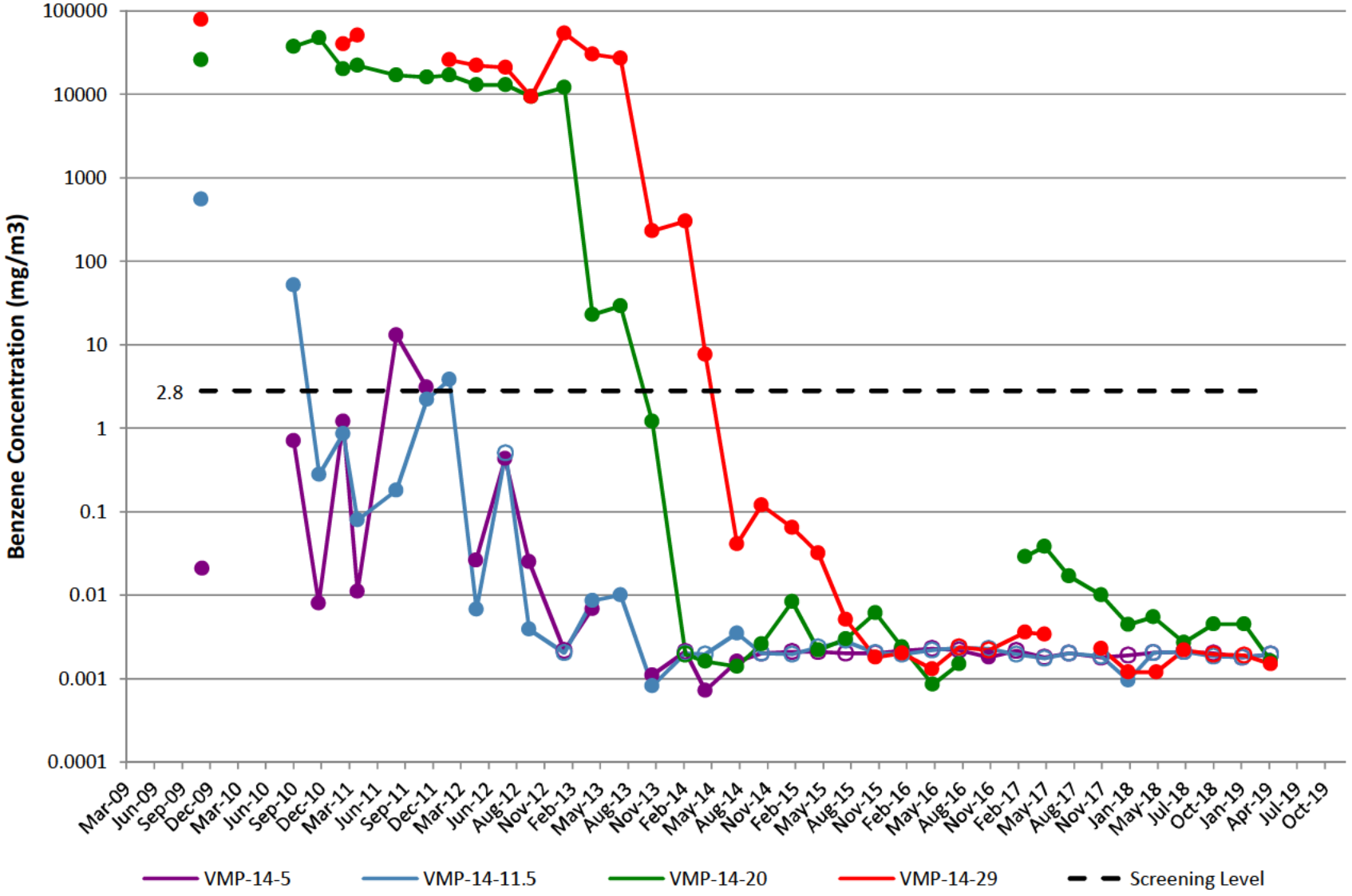
VMP-13

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



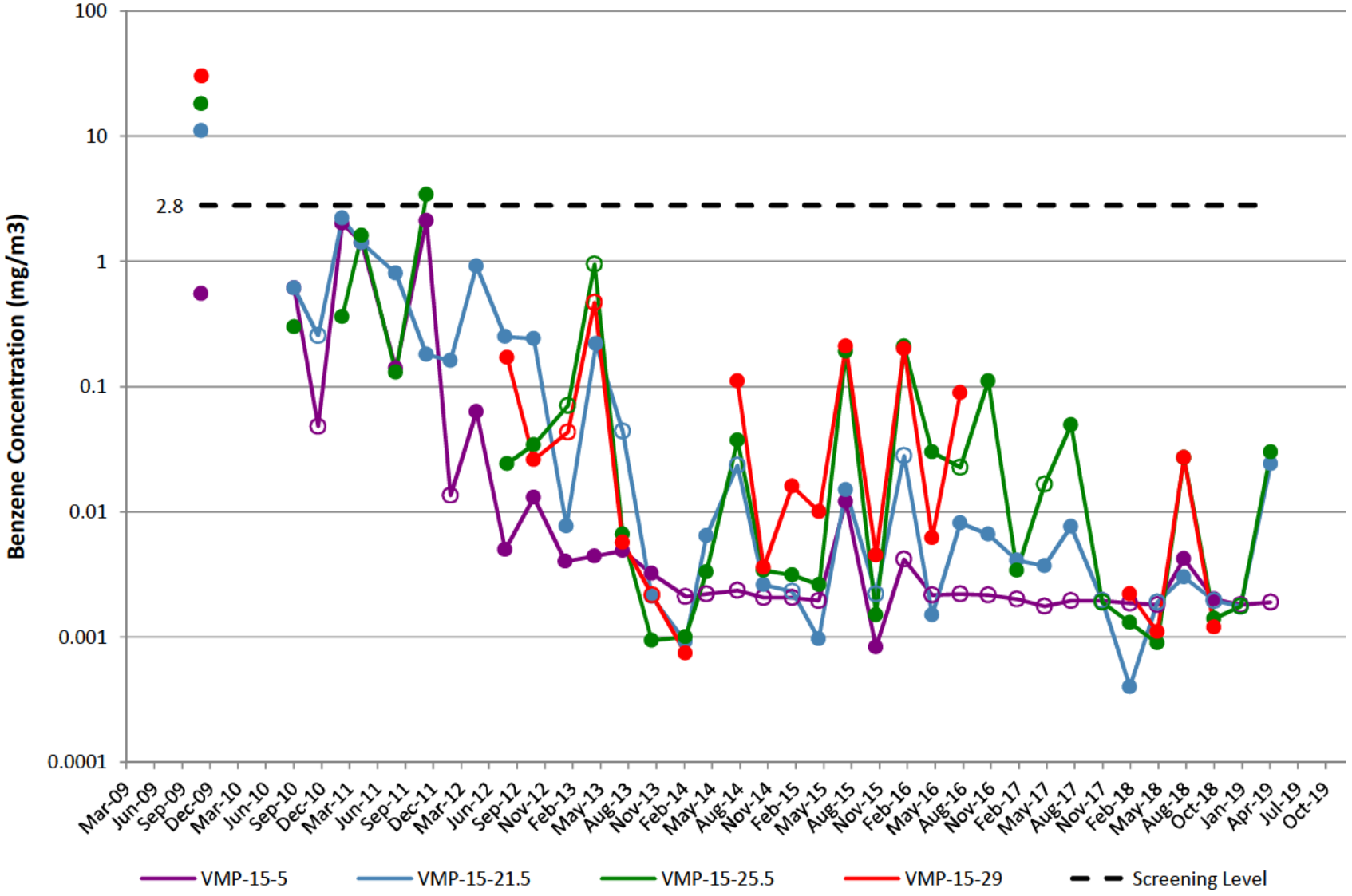
VMP-14

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



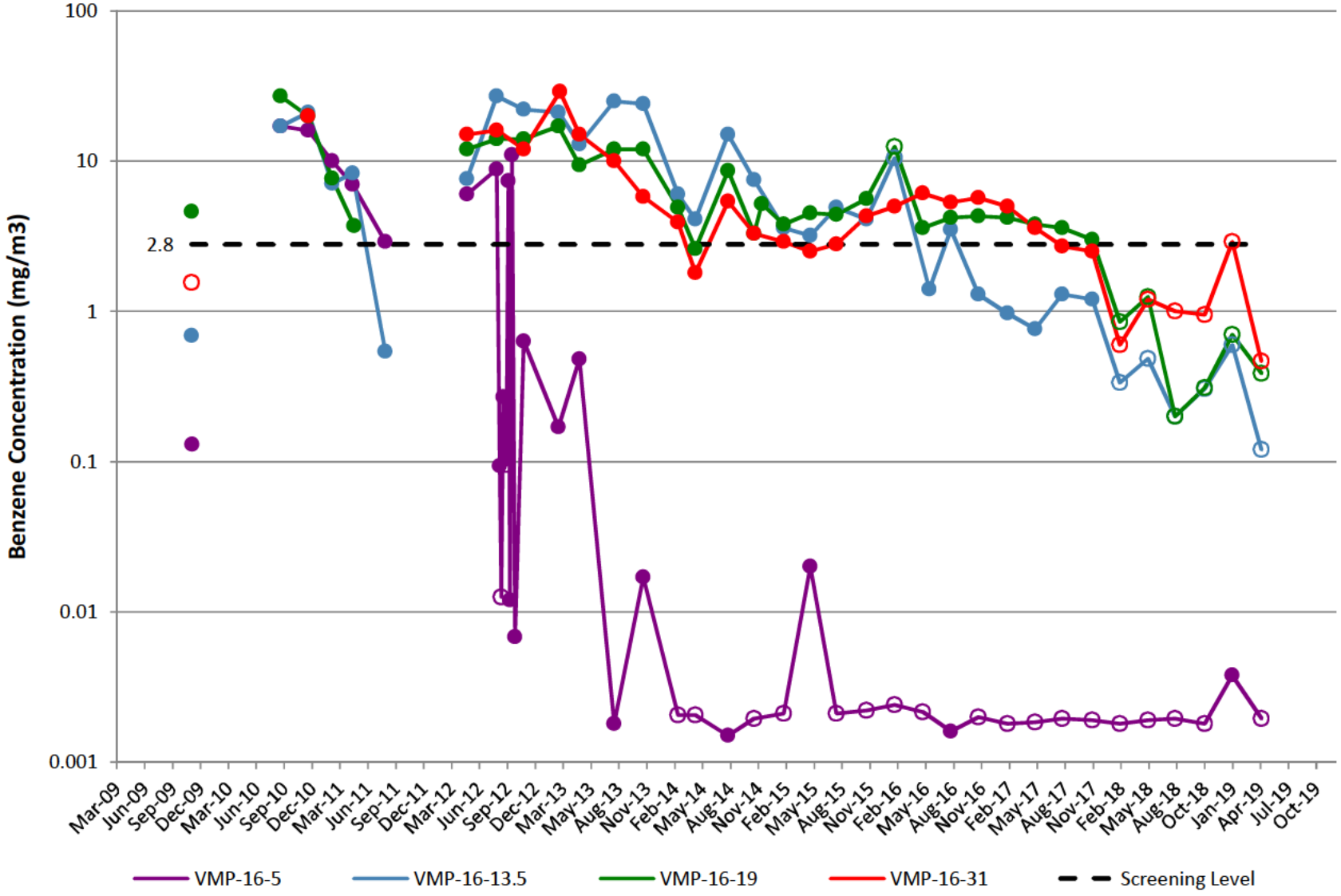
VMP-15

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



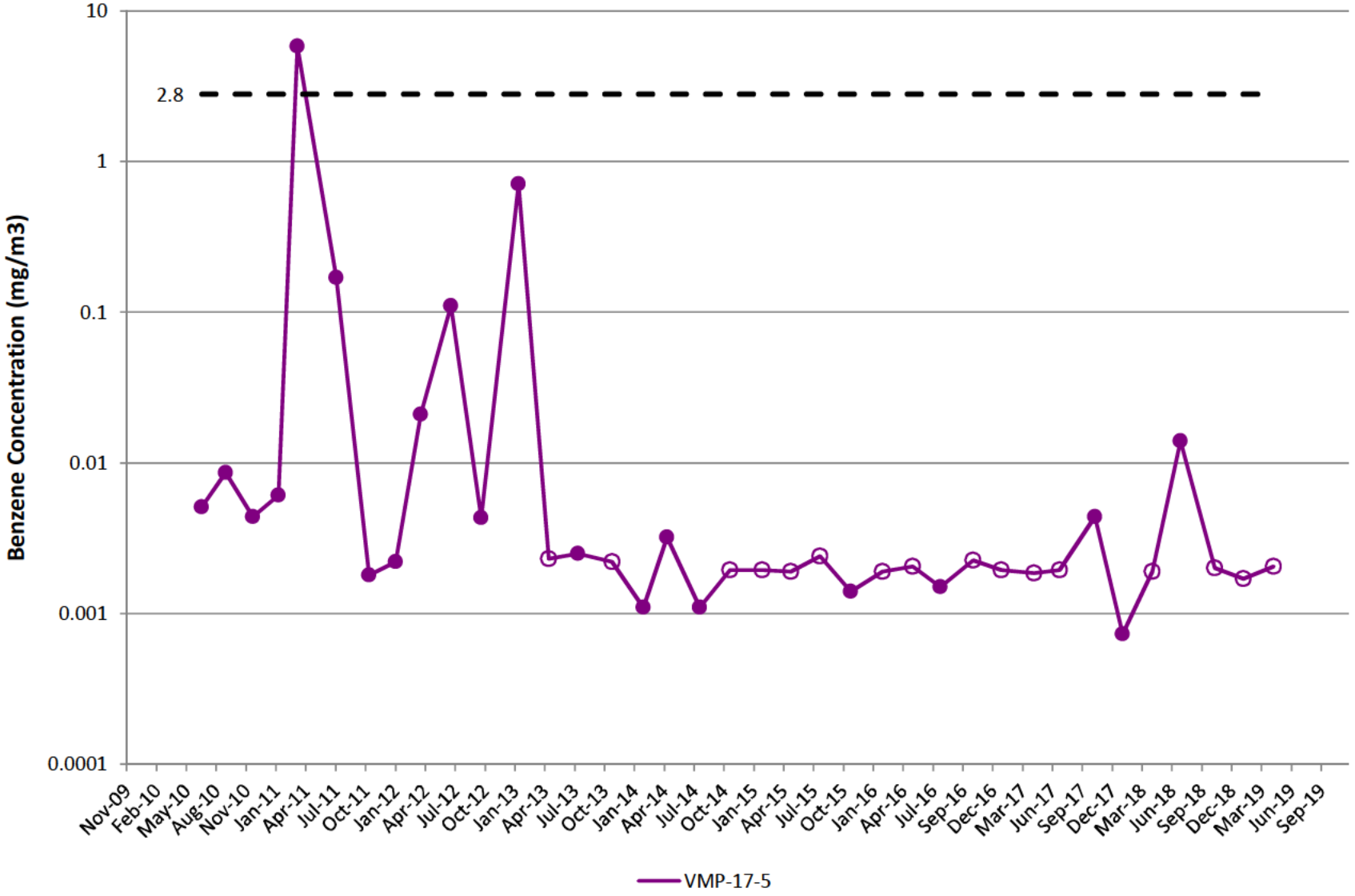
VMP-16

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



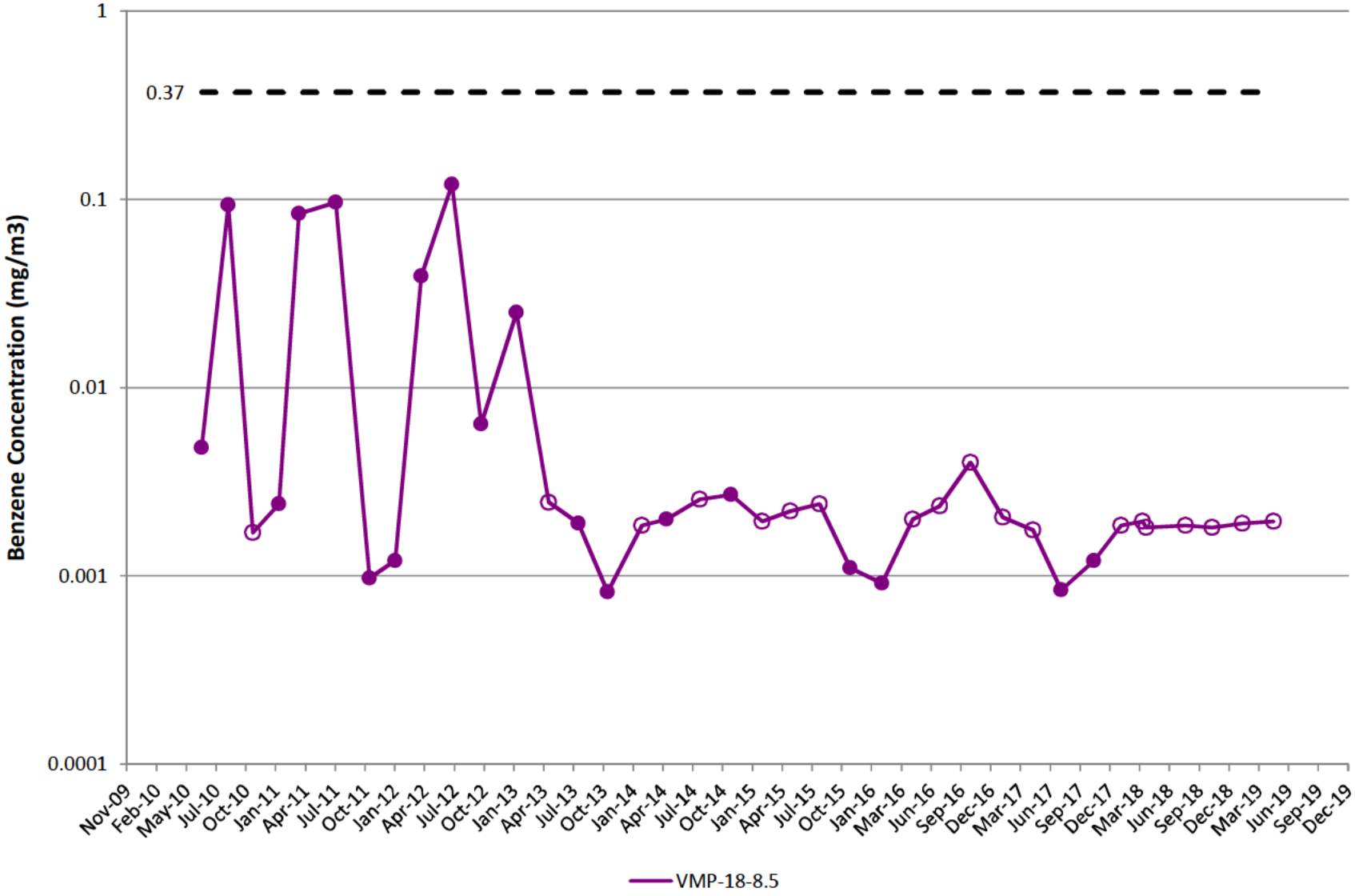
VMP-17

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



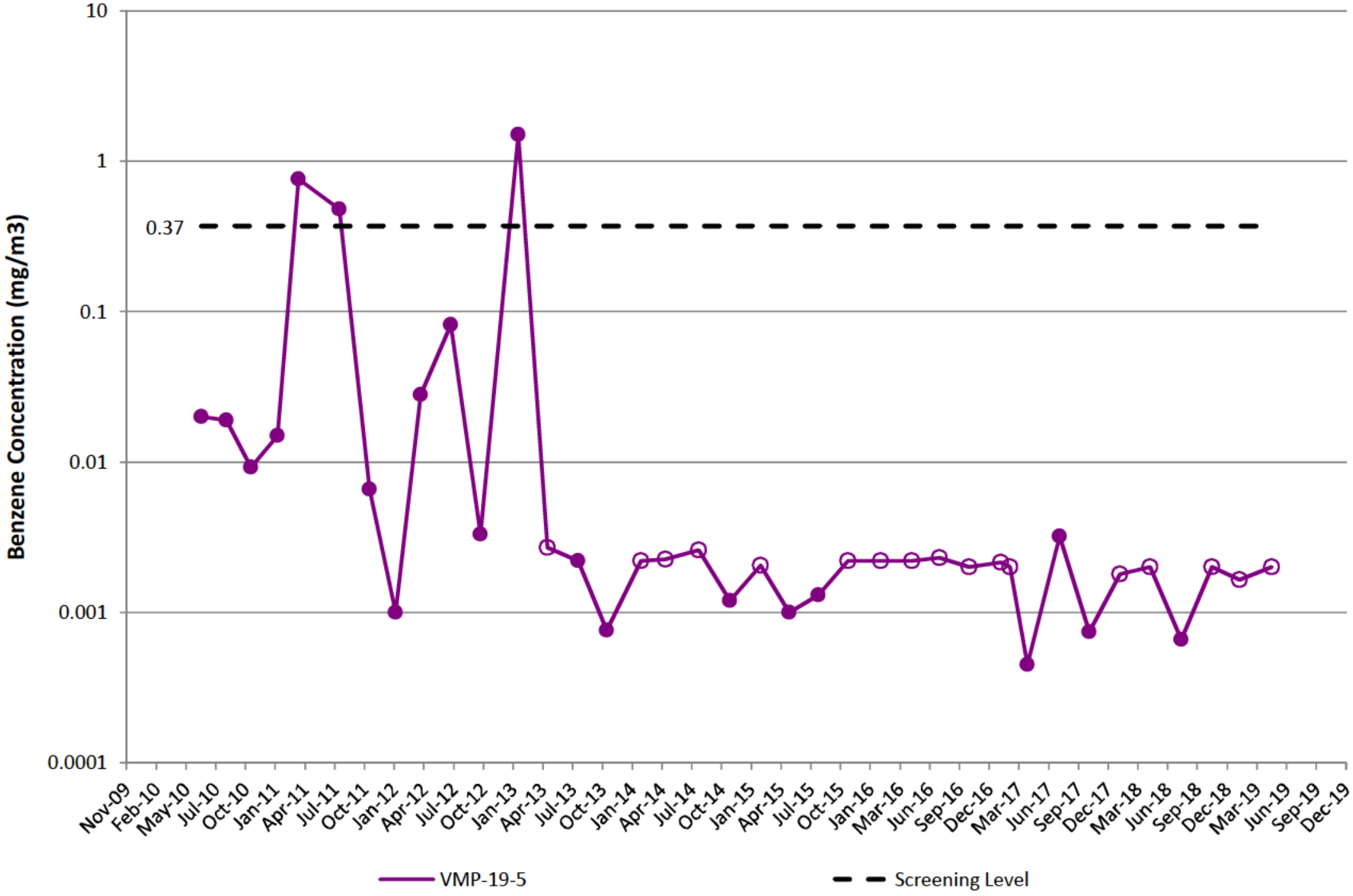
VMP-18

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



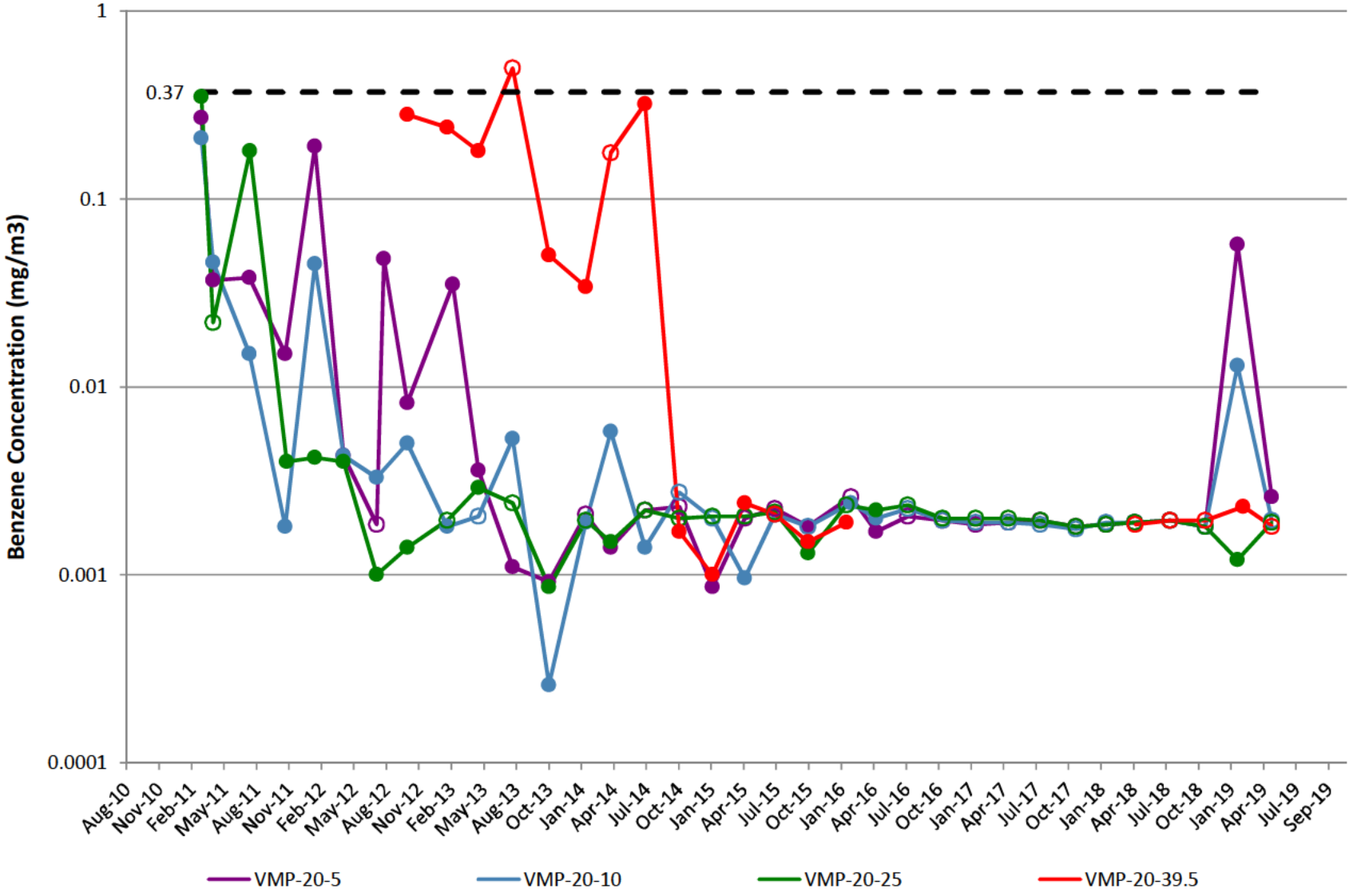
VMP-19

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



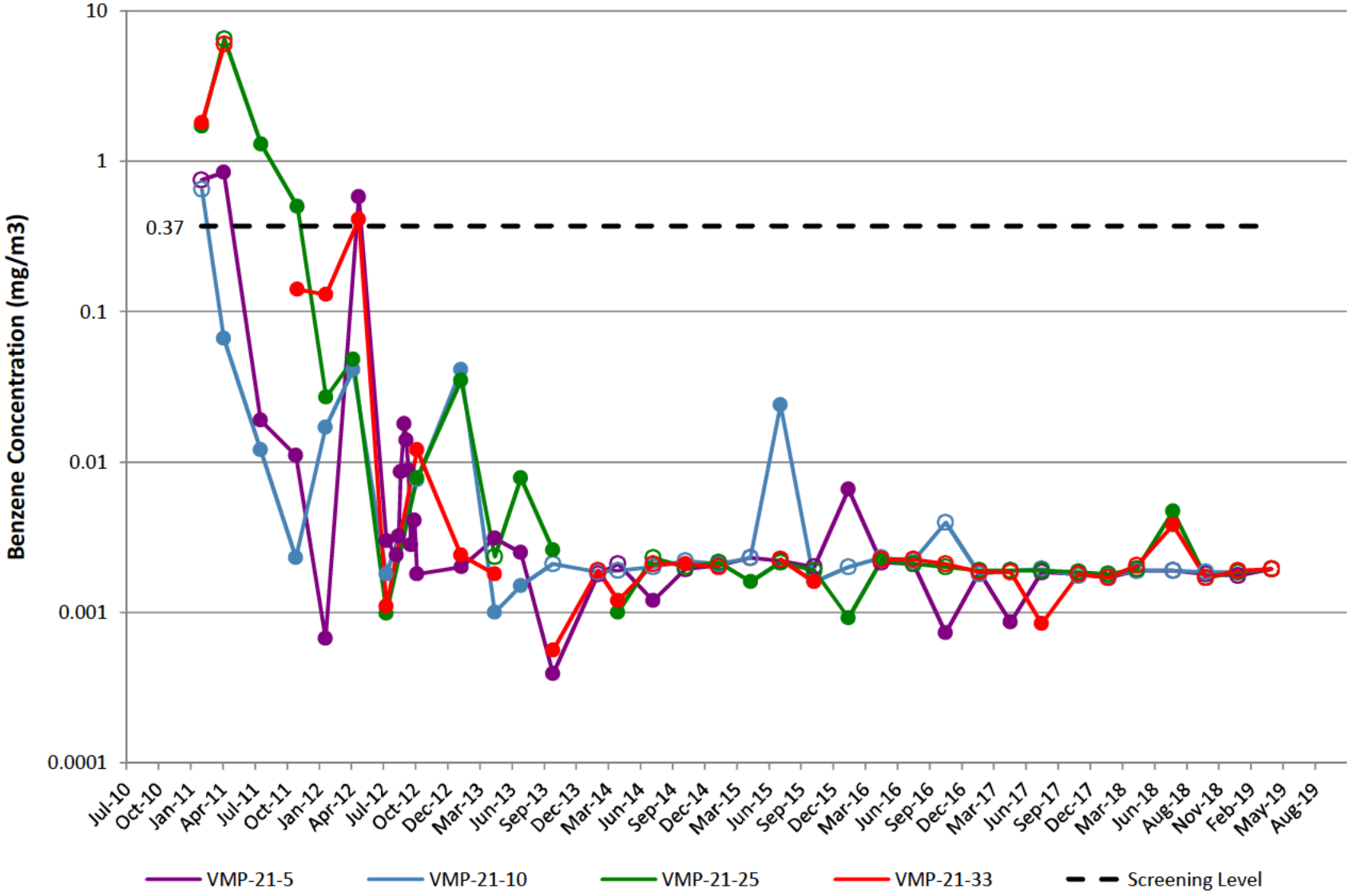
VMP-20

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



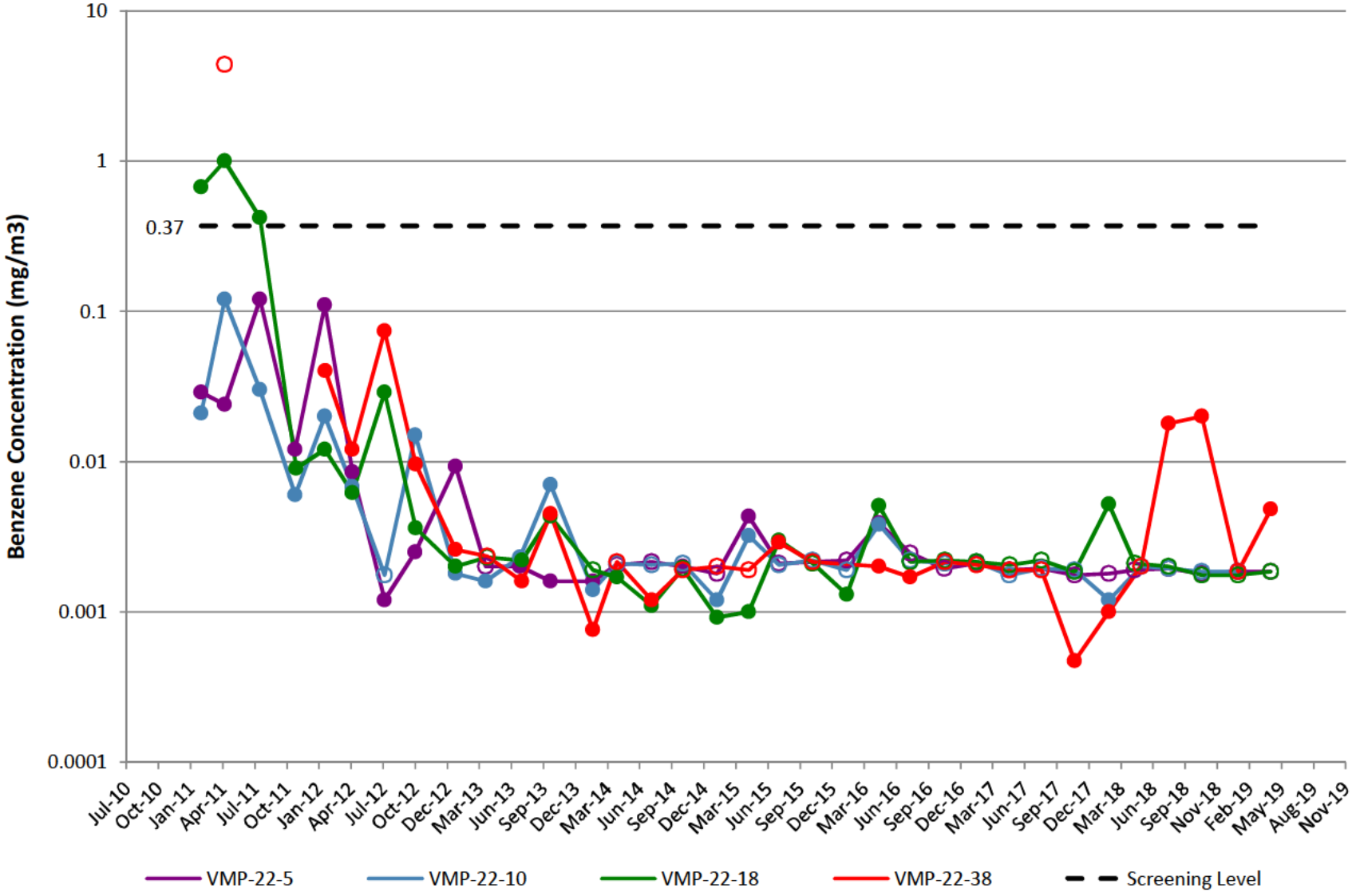
VMP-21

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



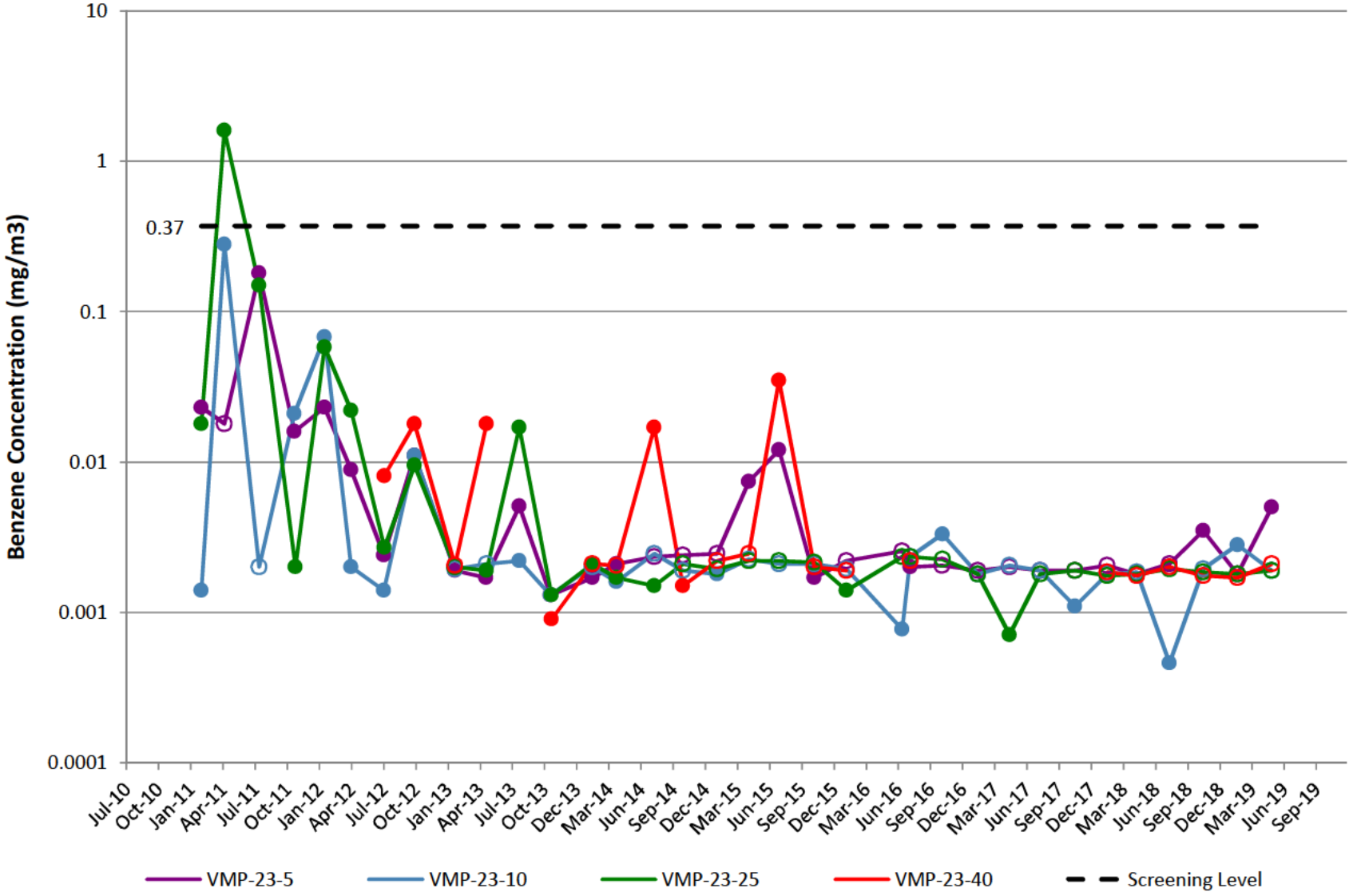
VMP-22

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



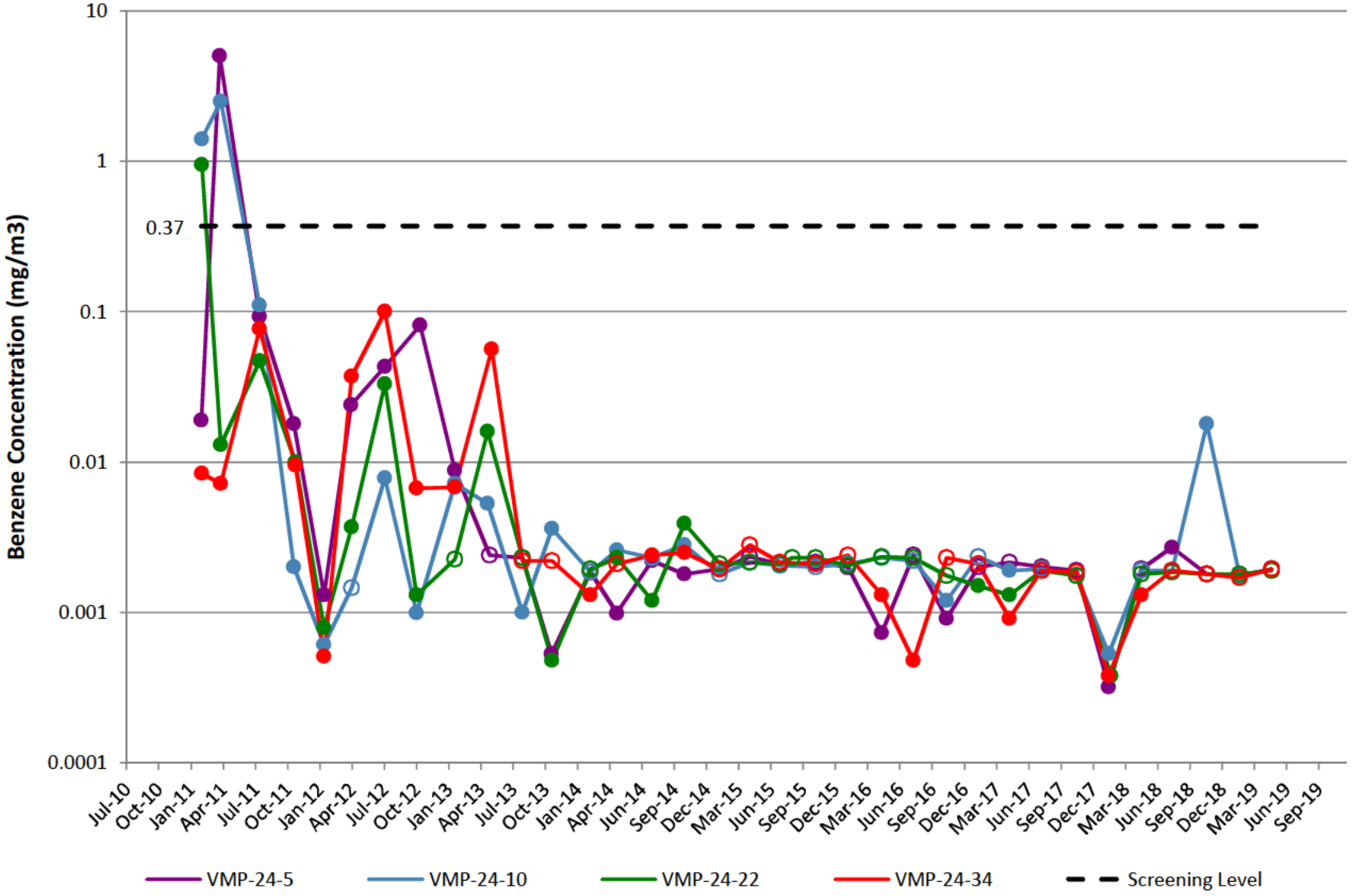
VMP-23

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



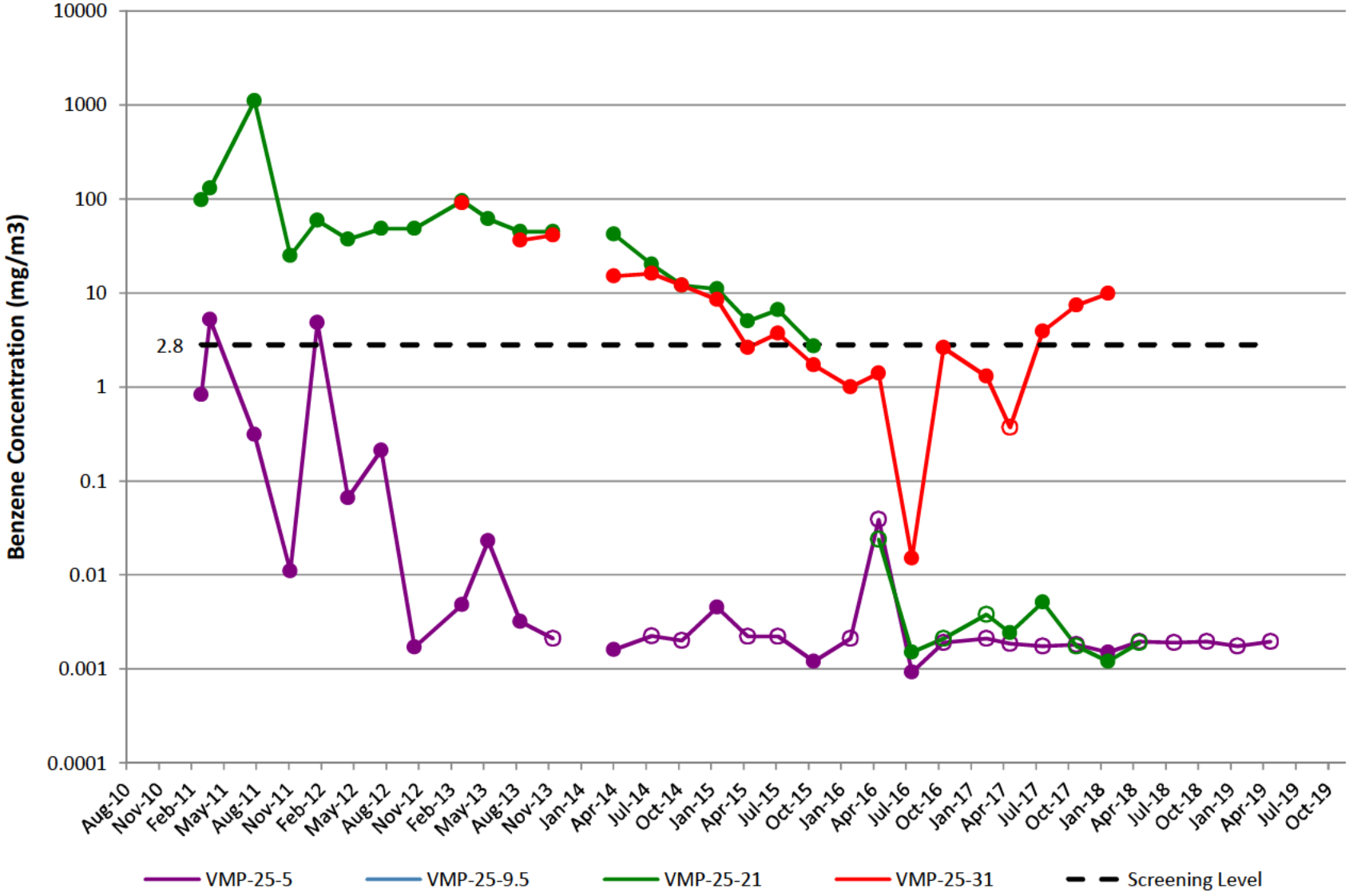
VMP-24

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



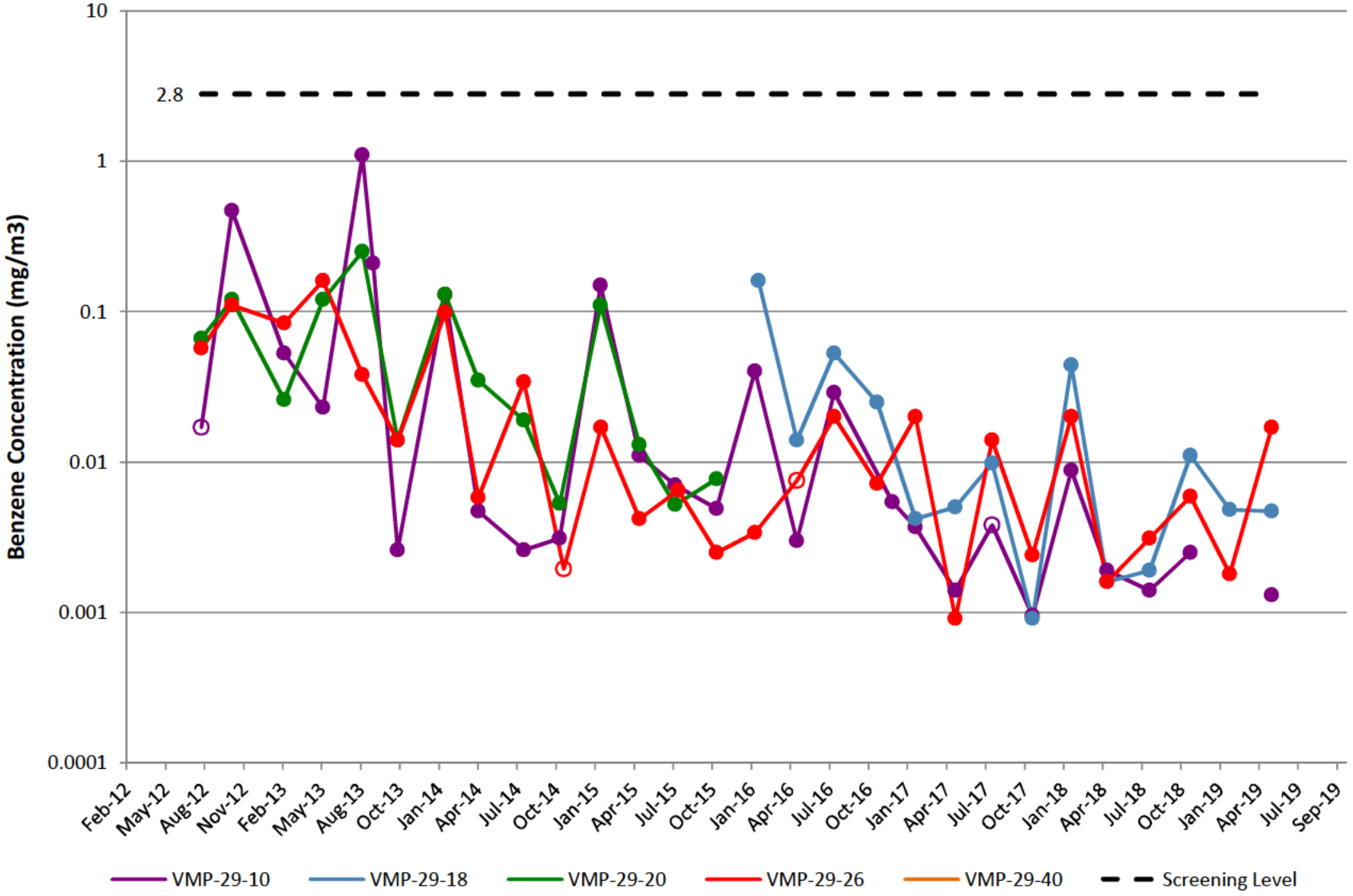
VMP-25

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Gap in plot line indicates sample not able to be collected due to site conditions. Effective 2Q18, samples will no longer be collected at VMP-25-31 due to port integrity.



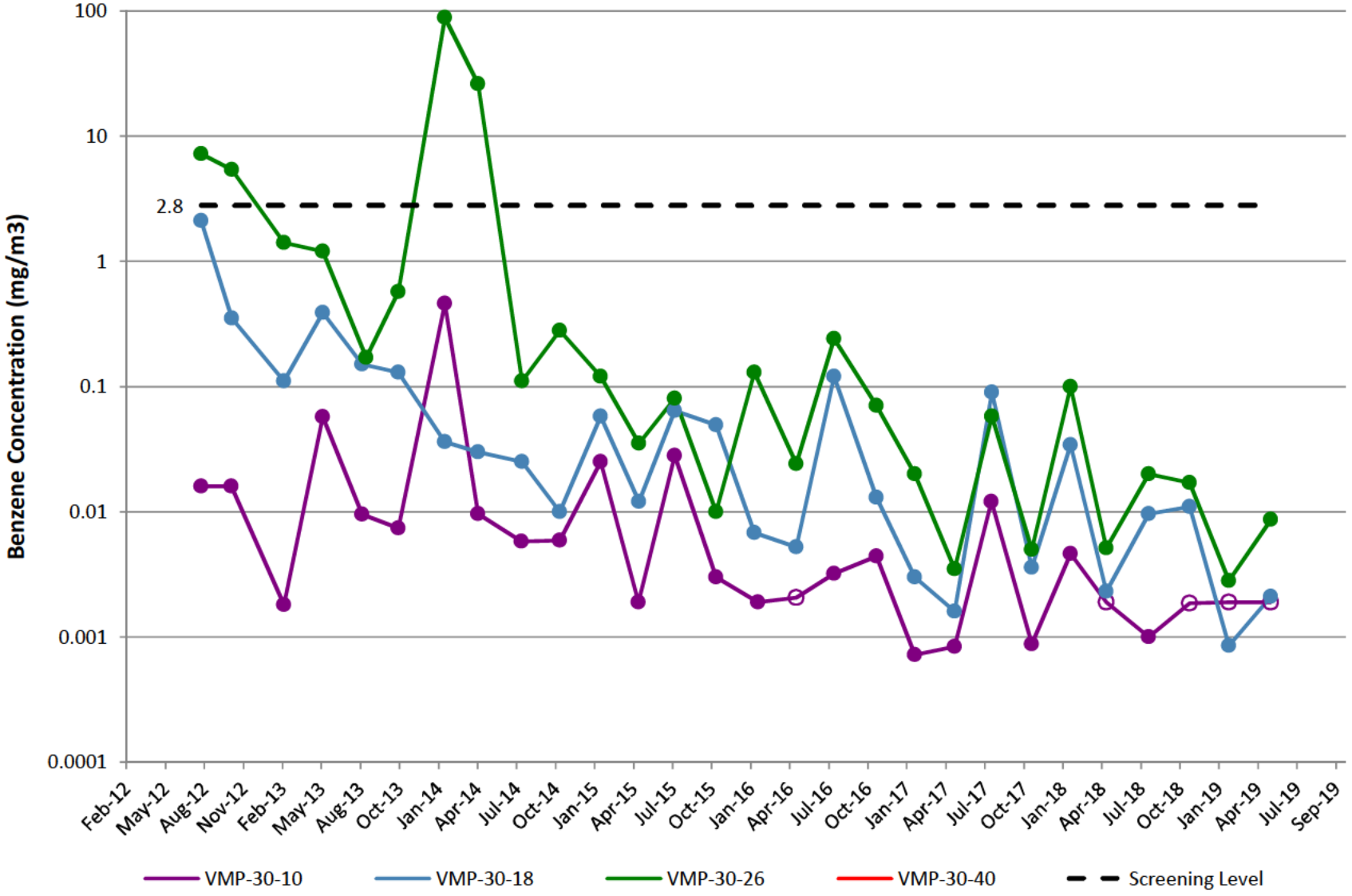
VMP-29

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



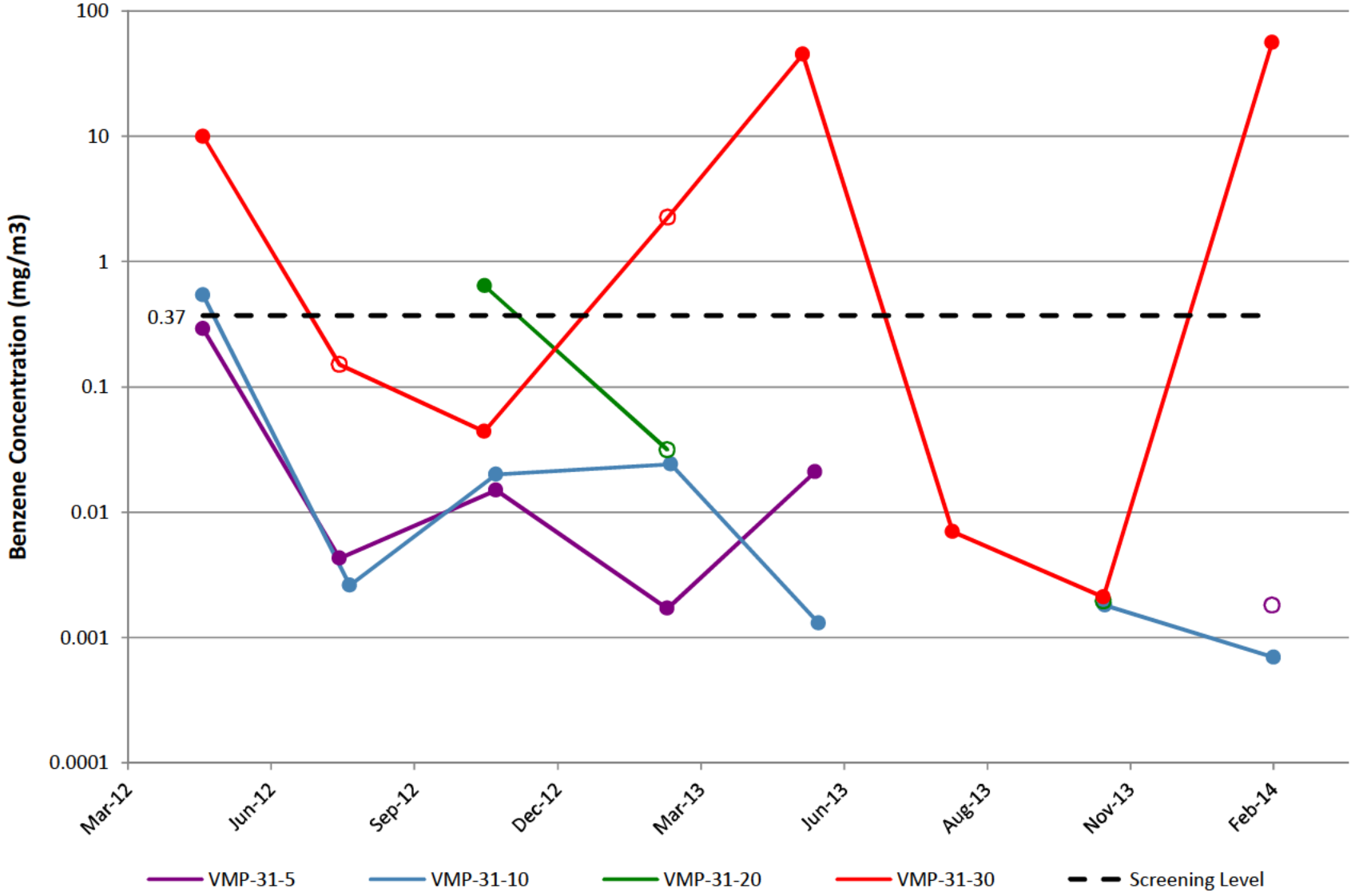
VMP-30

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



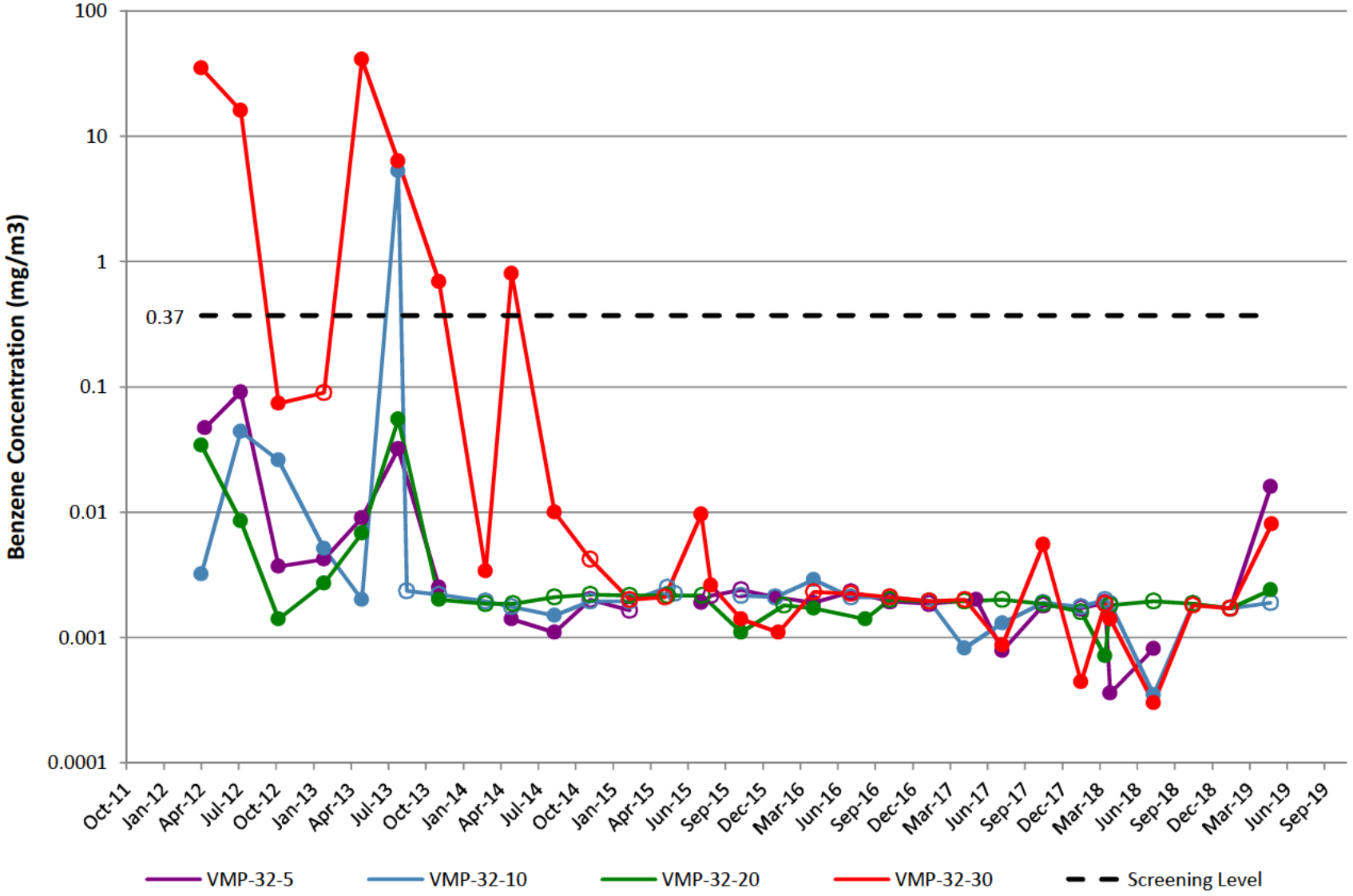
VMP-31

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Gap in plot line indicates sample not able to be collected due to site conditions. VMP-31 was abandoned in 2Q14 after persistent helium issues and replaced by VMP-56.



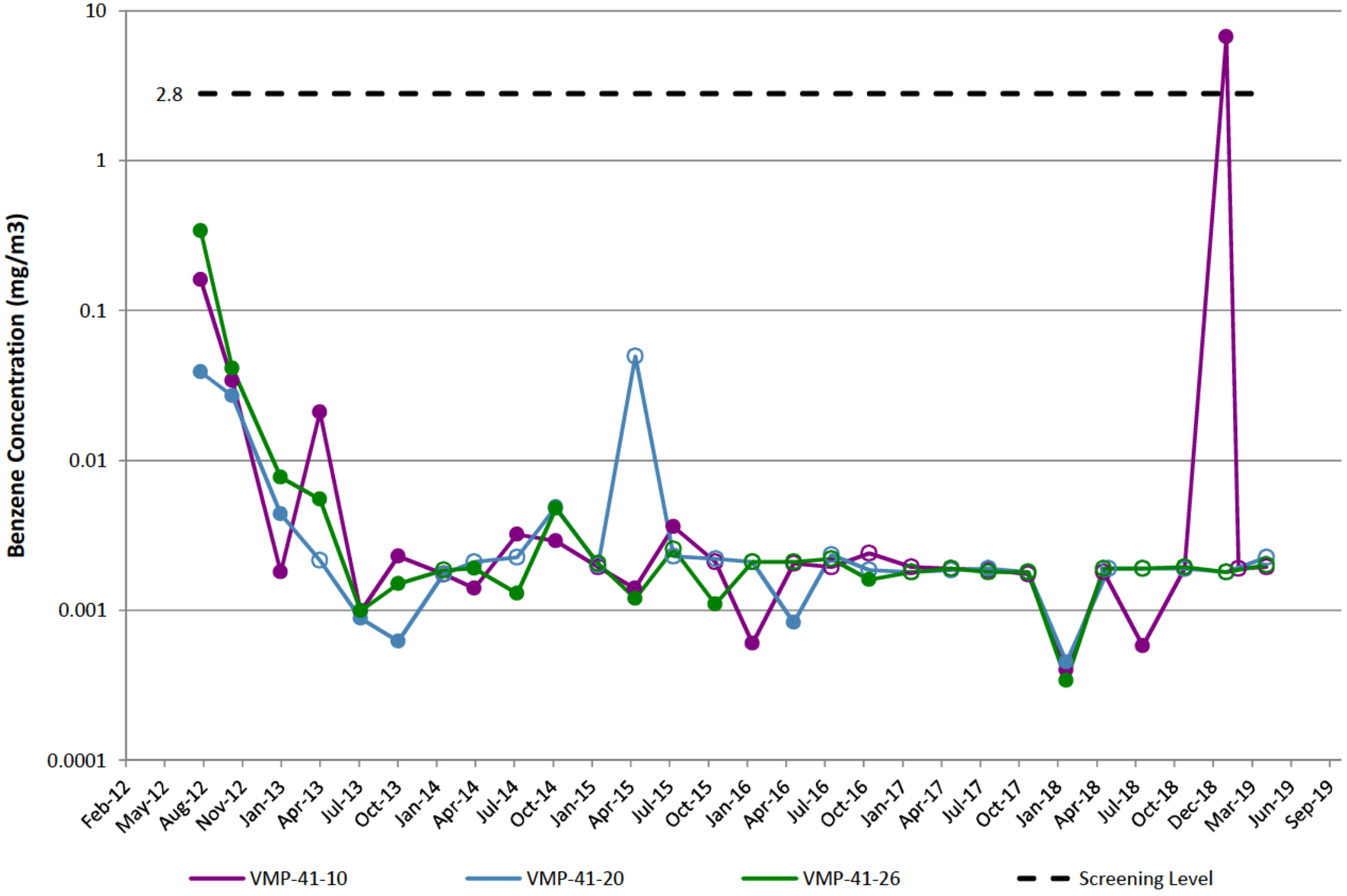
VMP-32

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



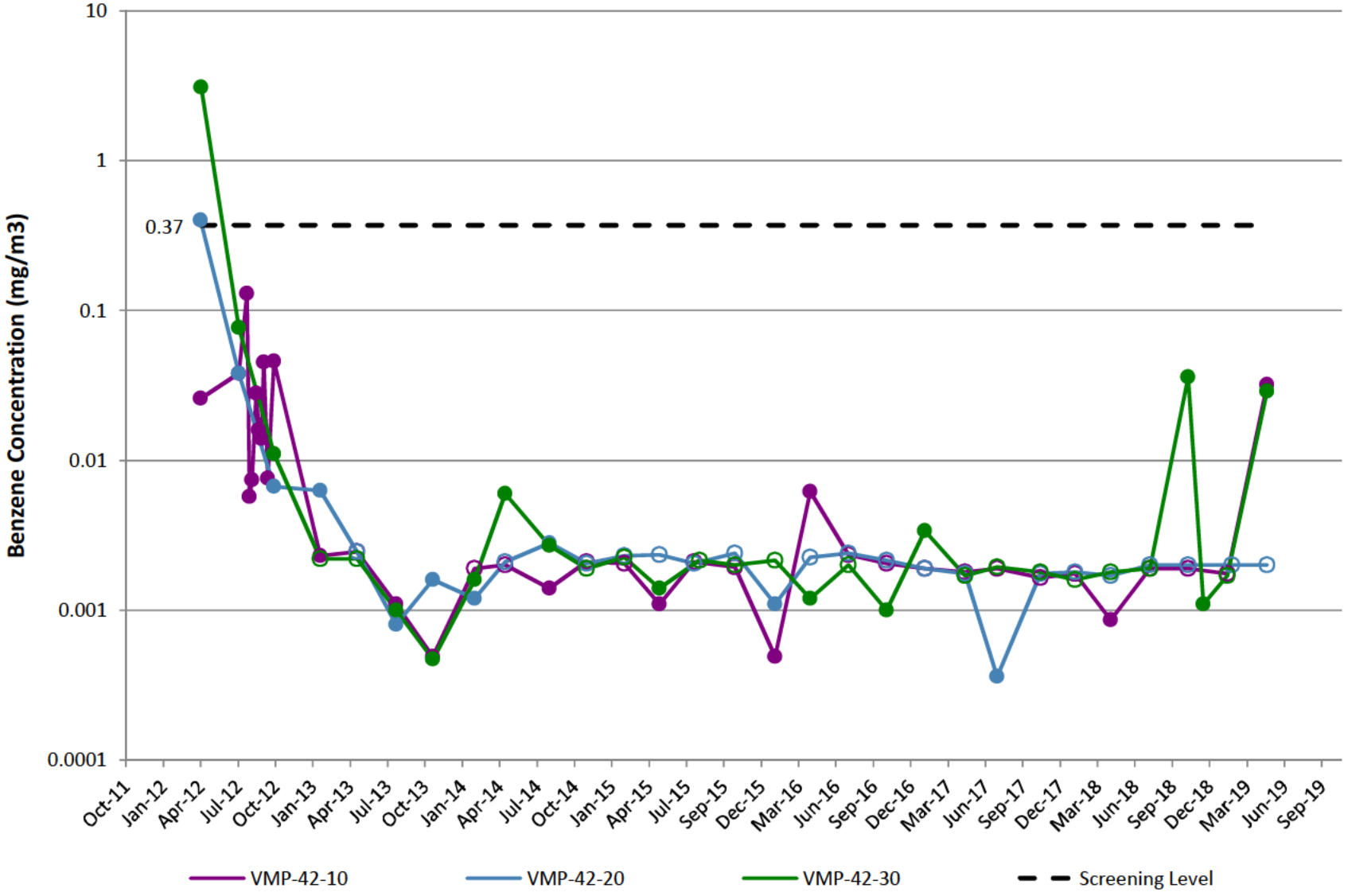
VMP-41

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



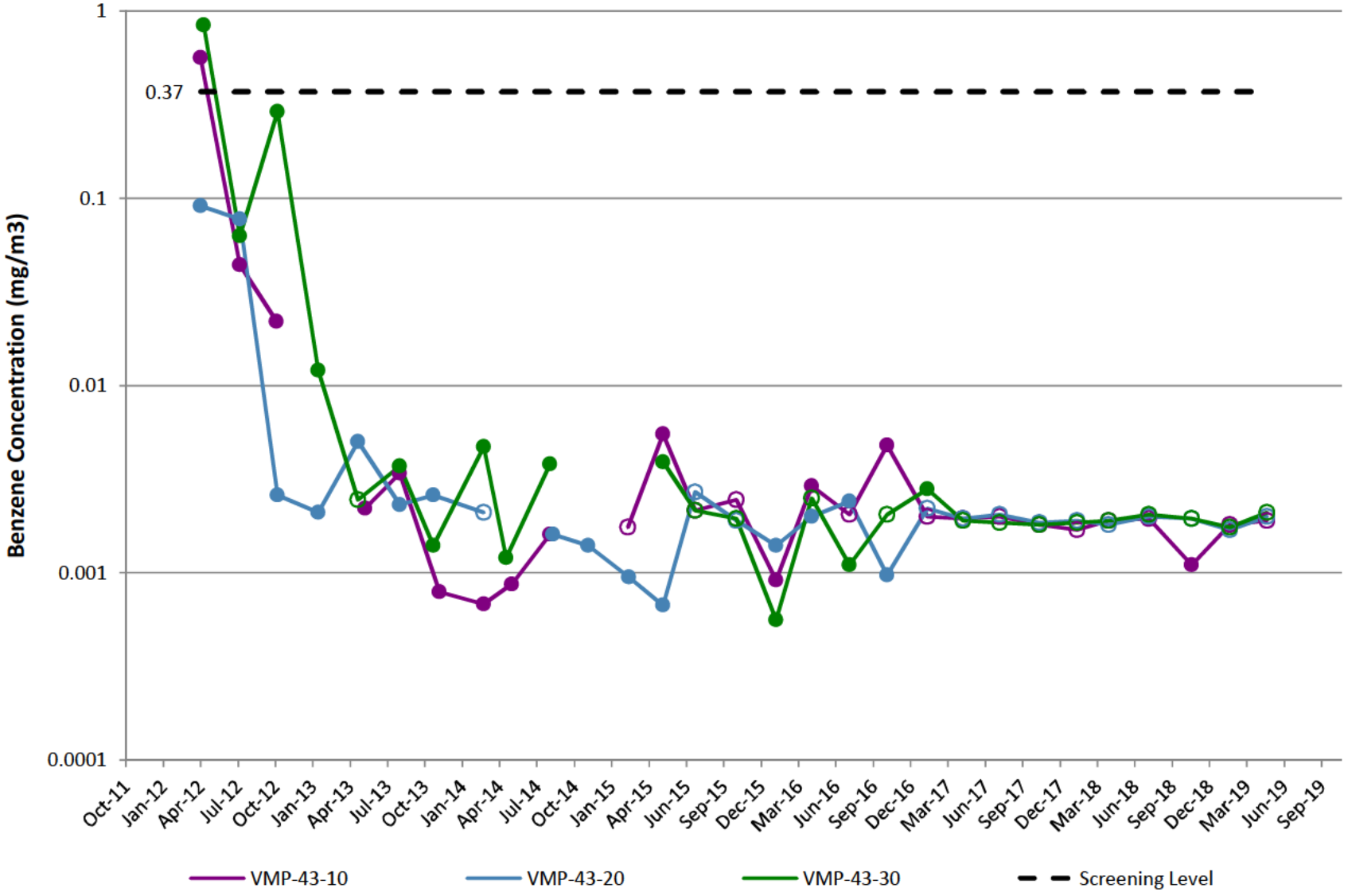
VMP-42

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



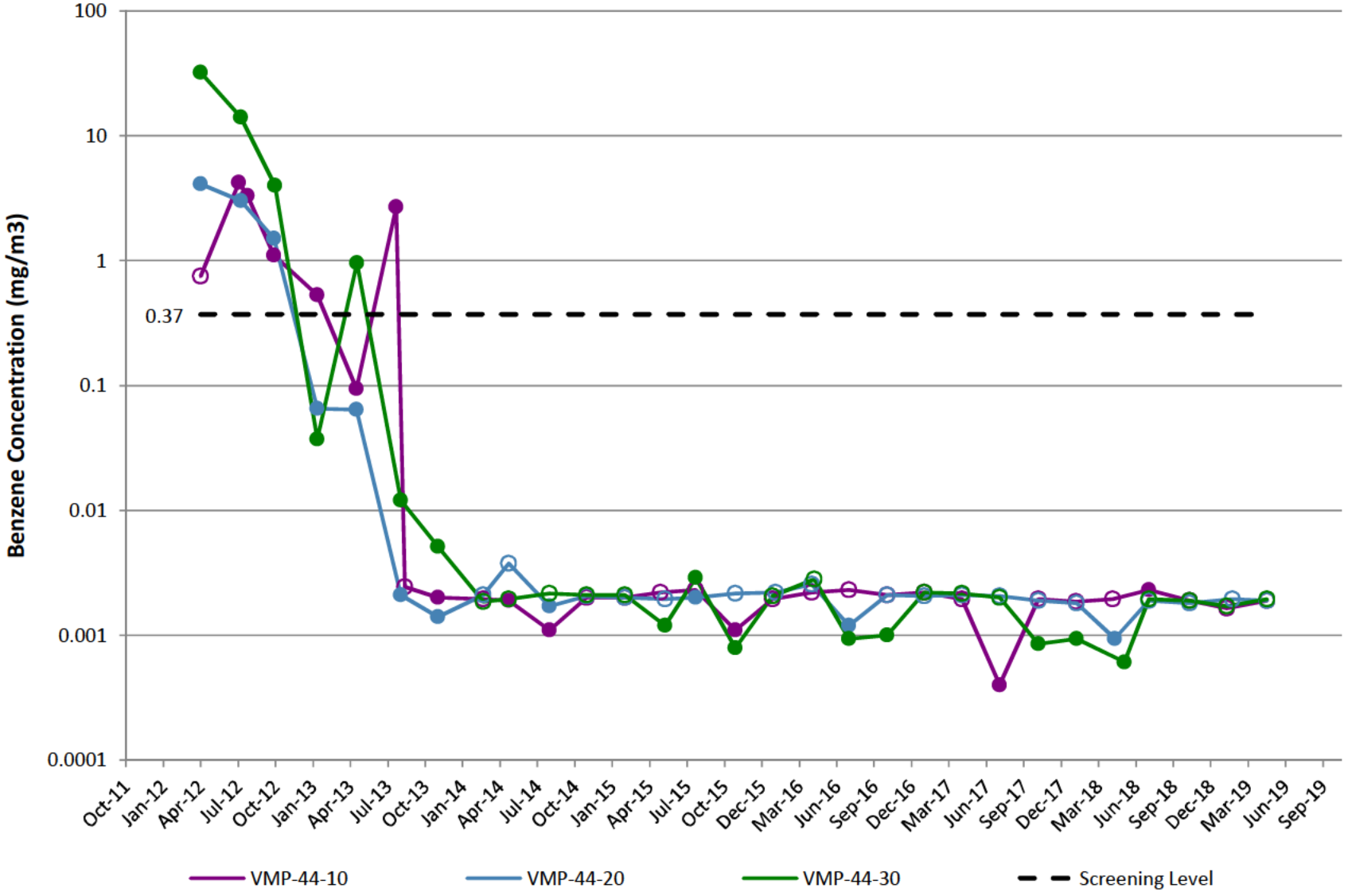
VMP-43

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



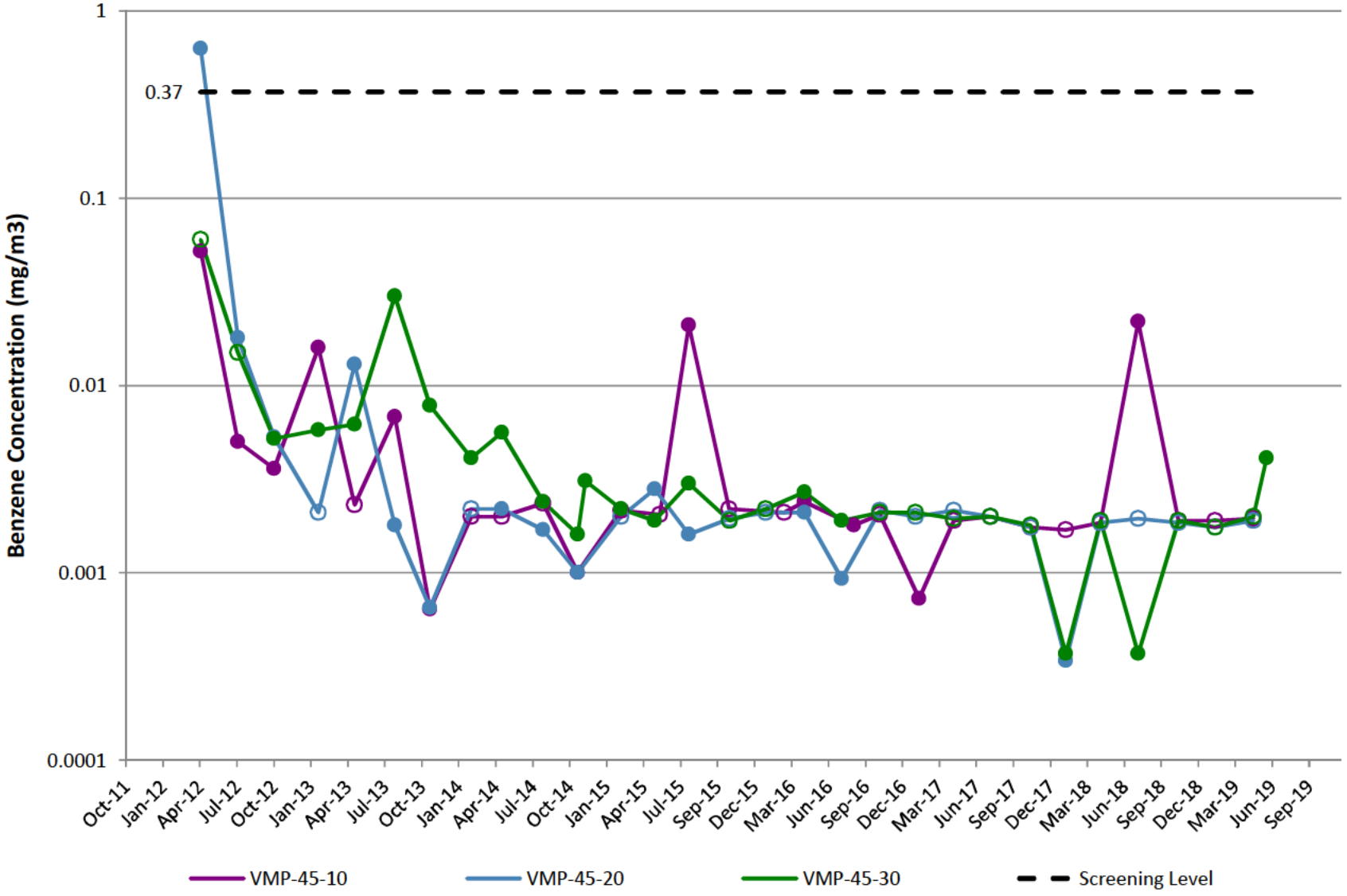
VMP-44

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



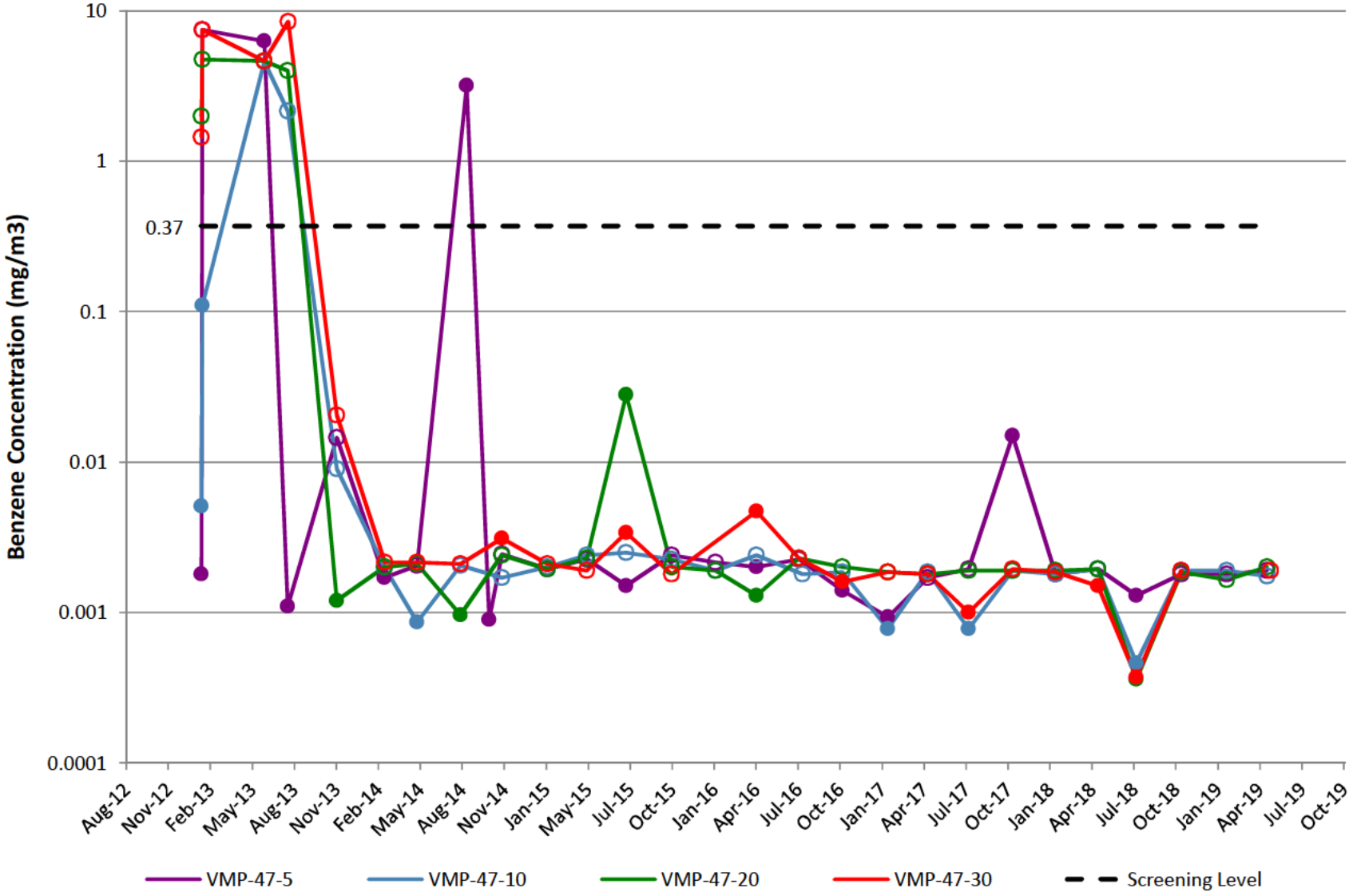
VMP-45

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



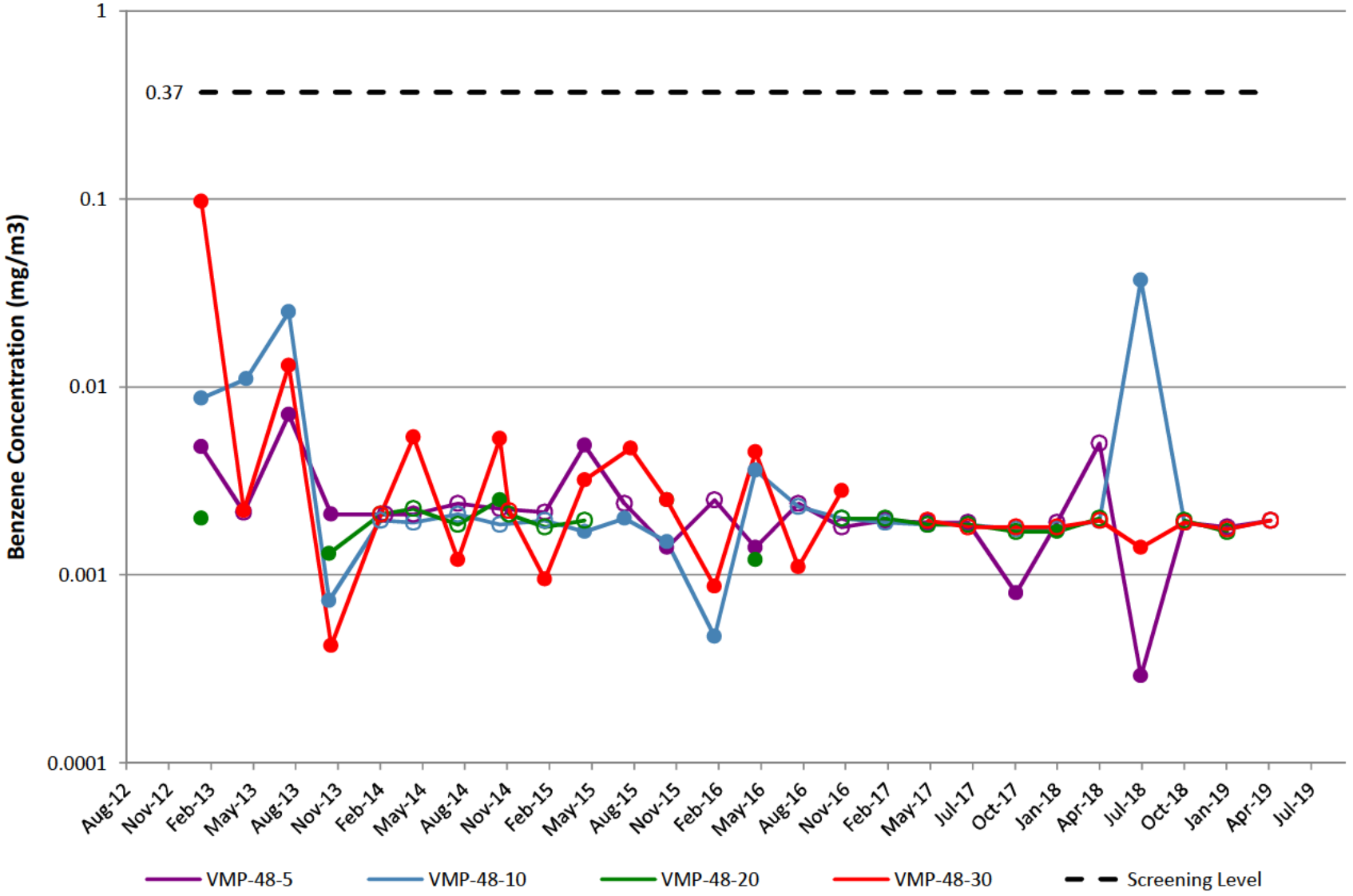
VMP-47

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



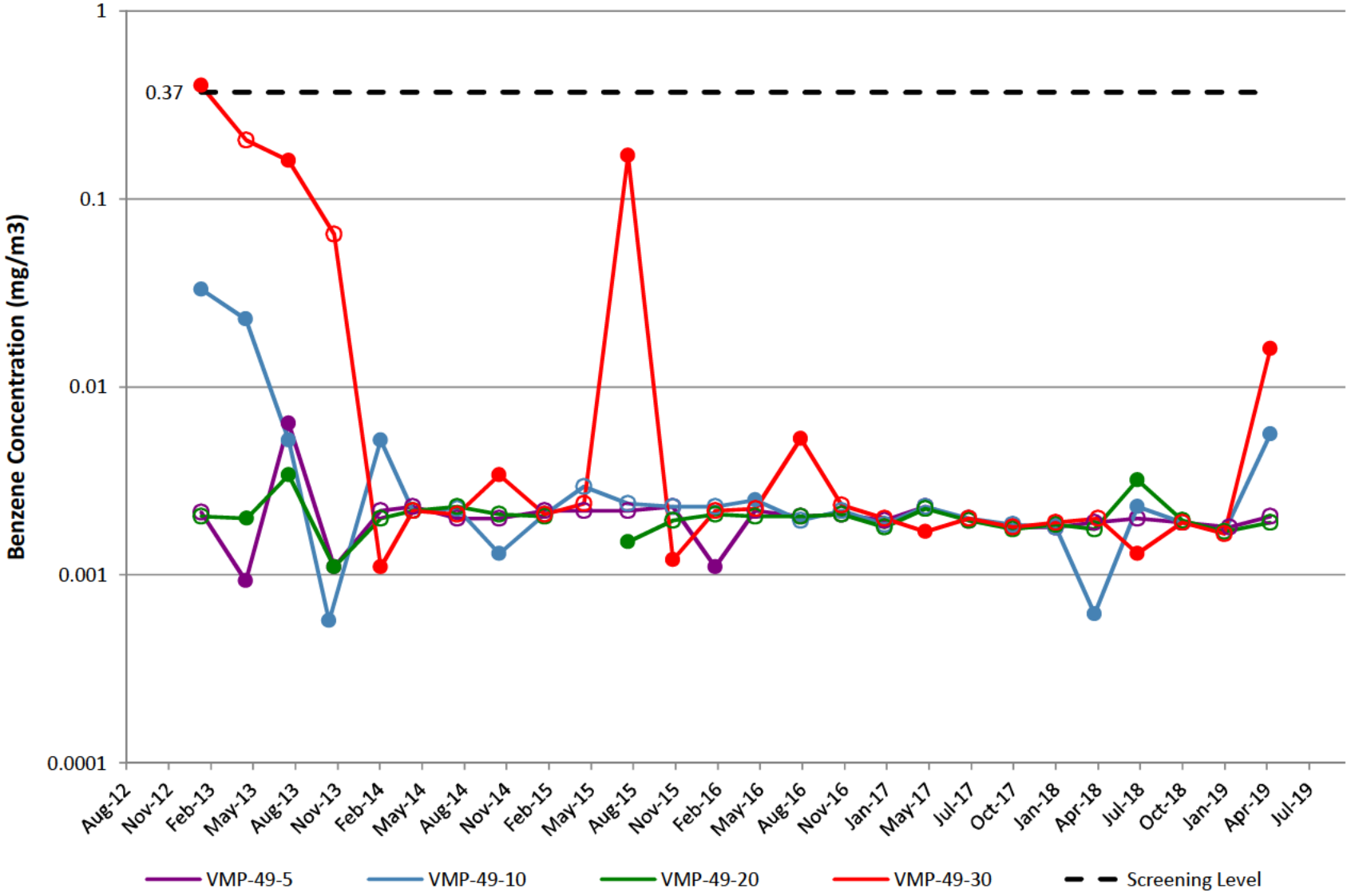
VMP-48

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



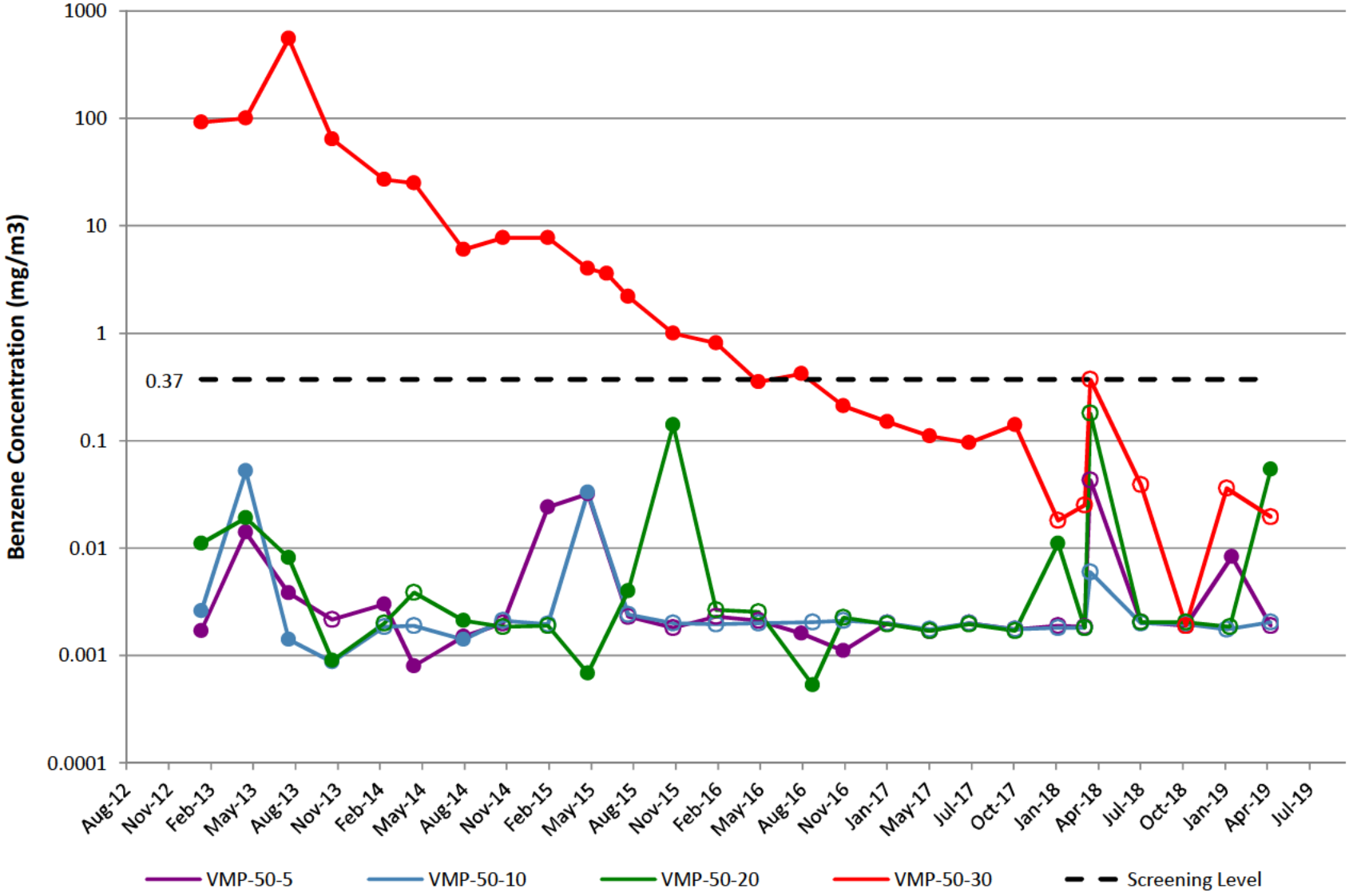
VMP-49

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



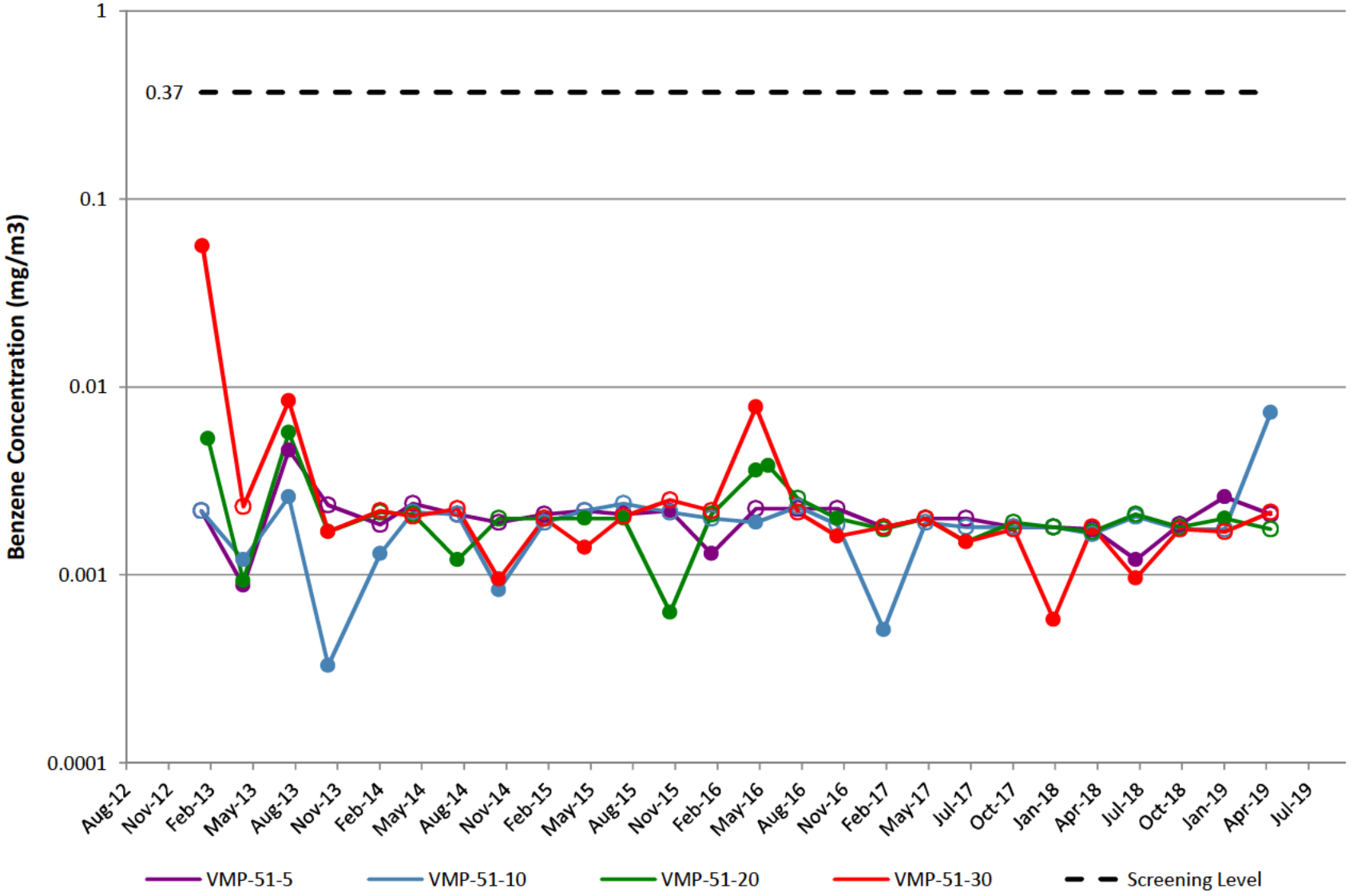
VMP-50

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



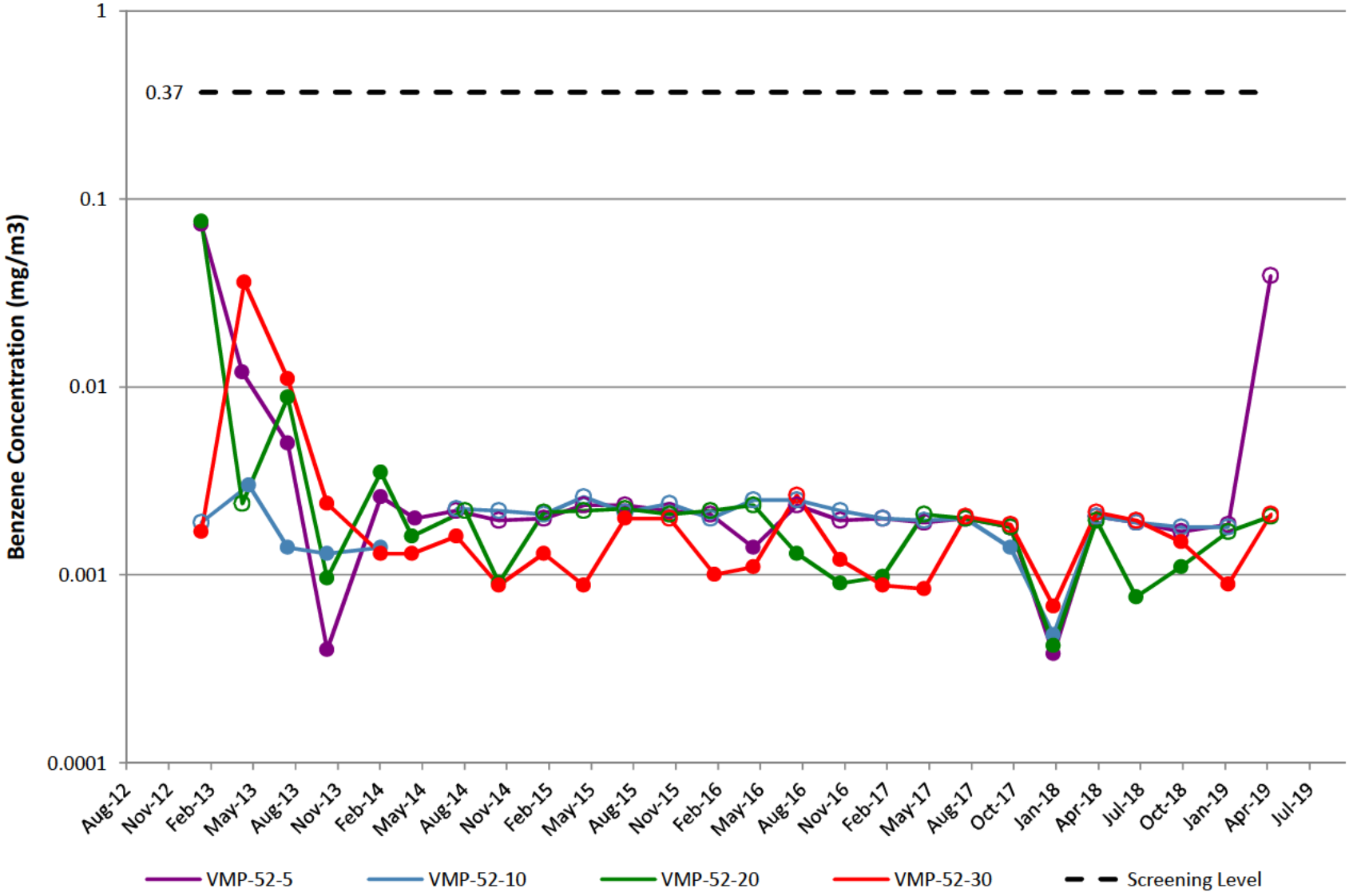
VMP-51

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



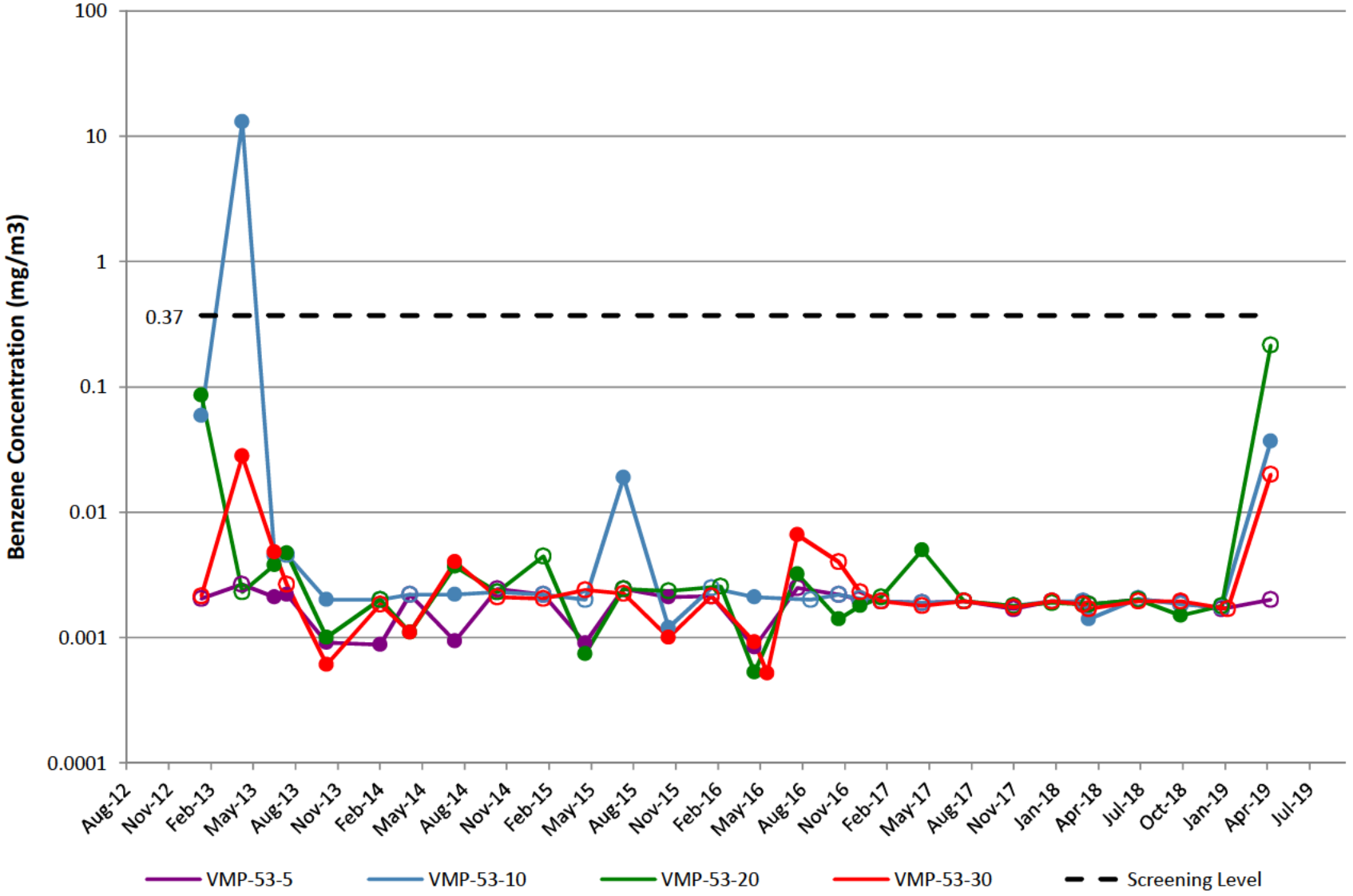
VMP-52

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



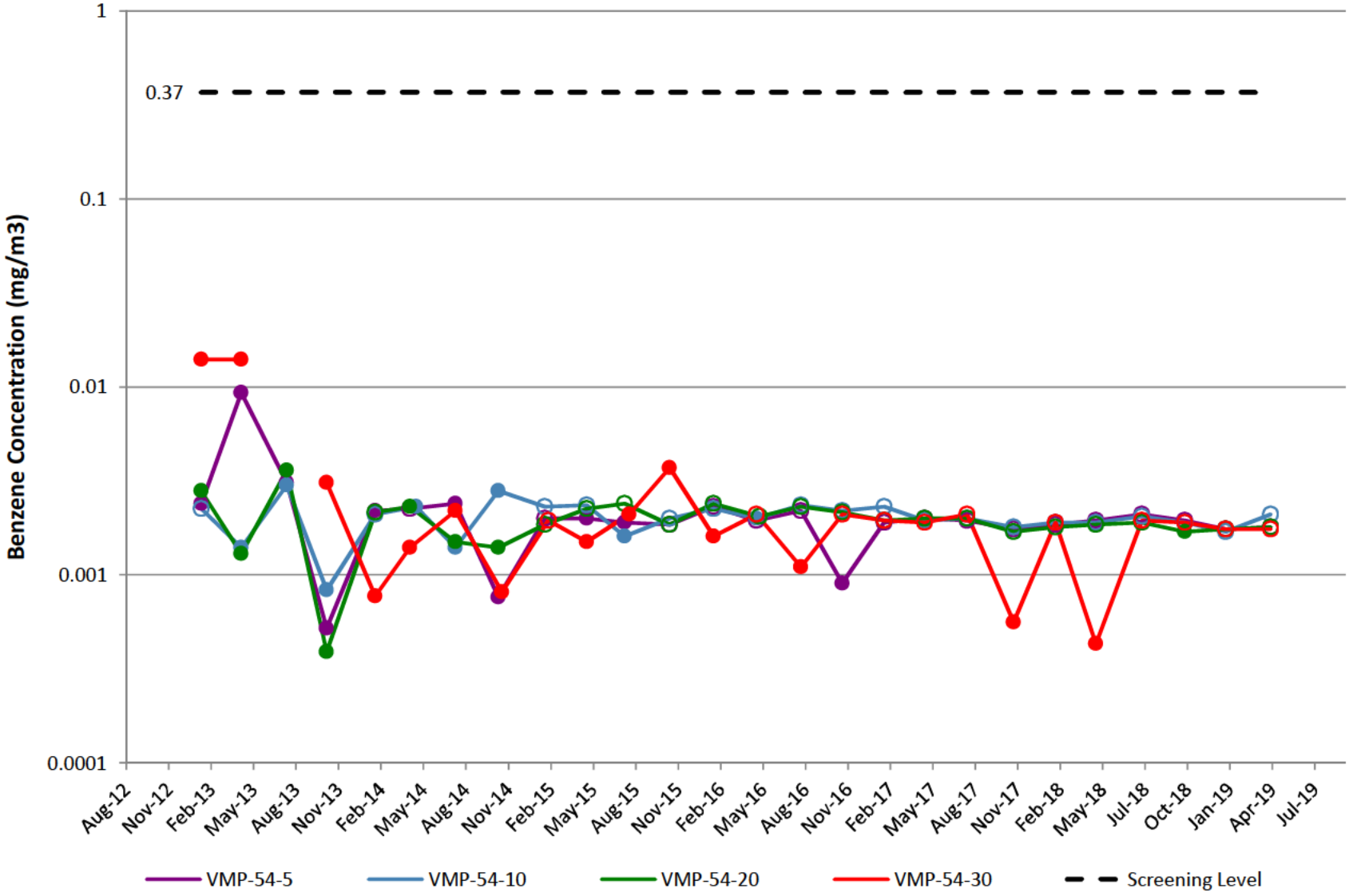
VMP-53

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



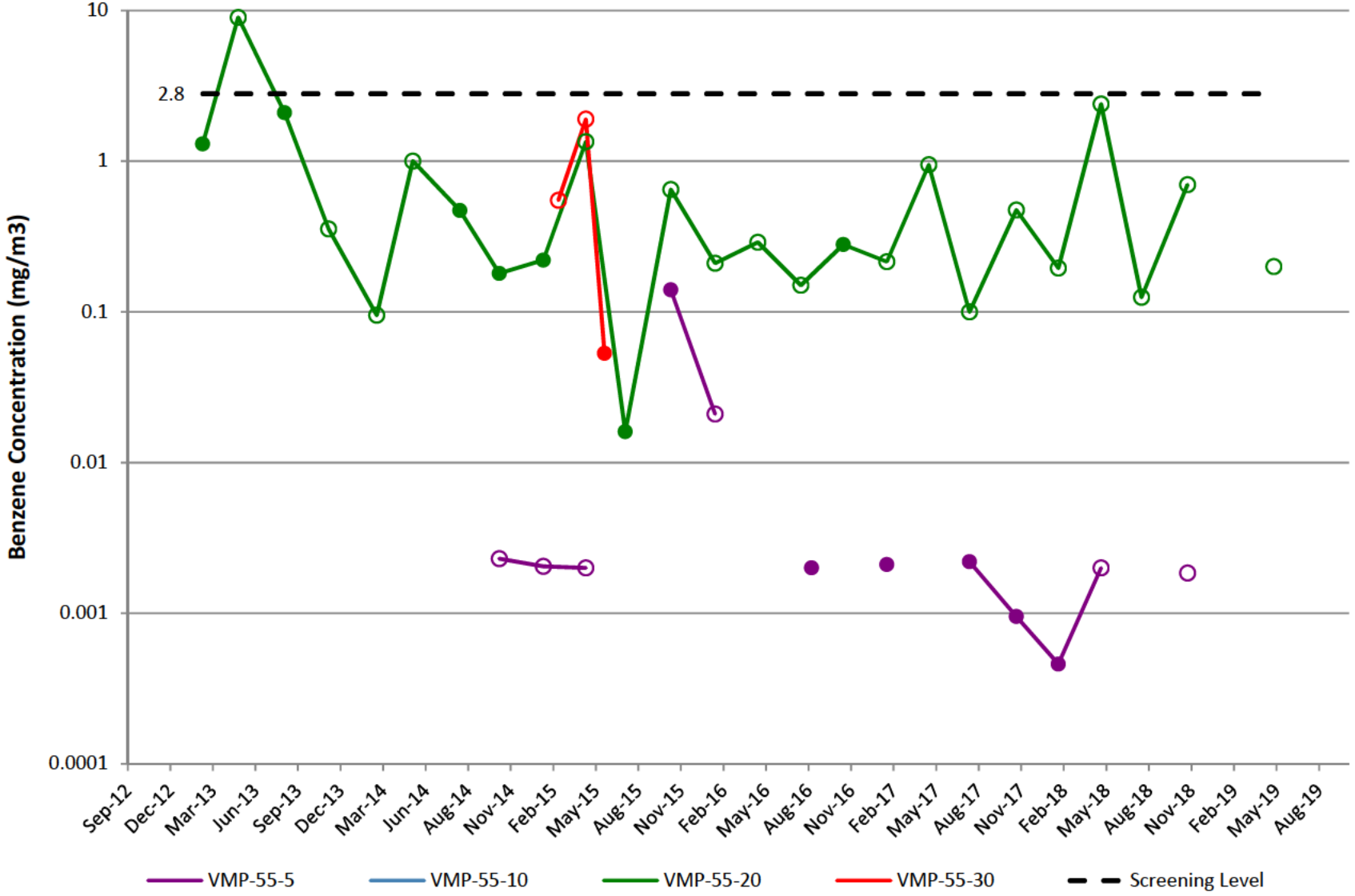
VMP-54

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



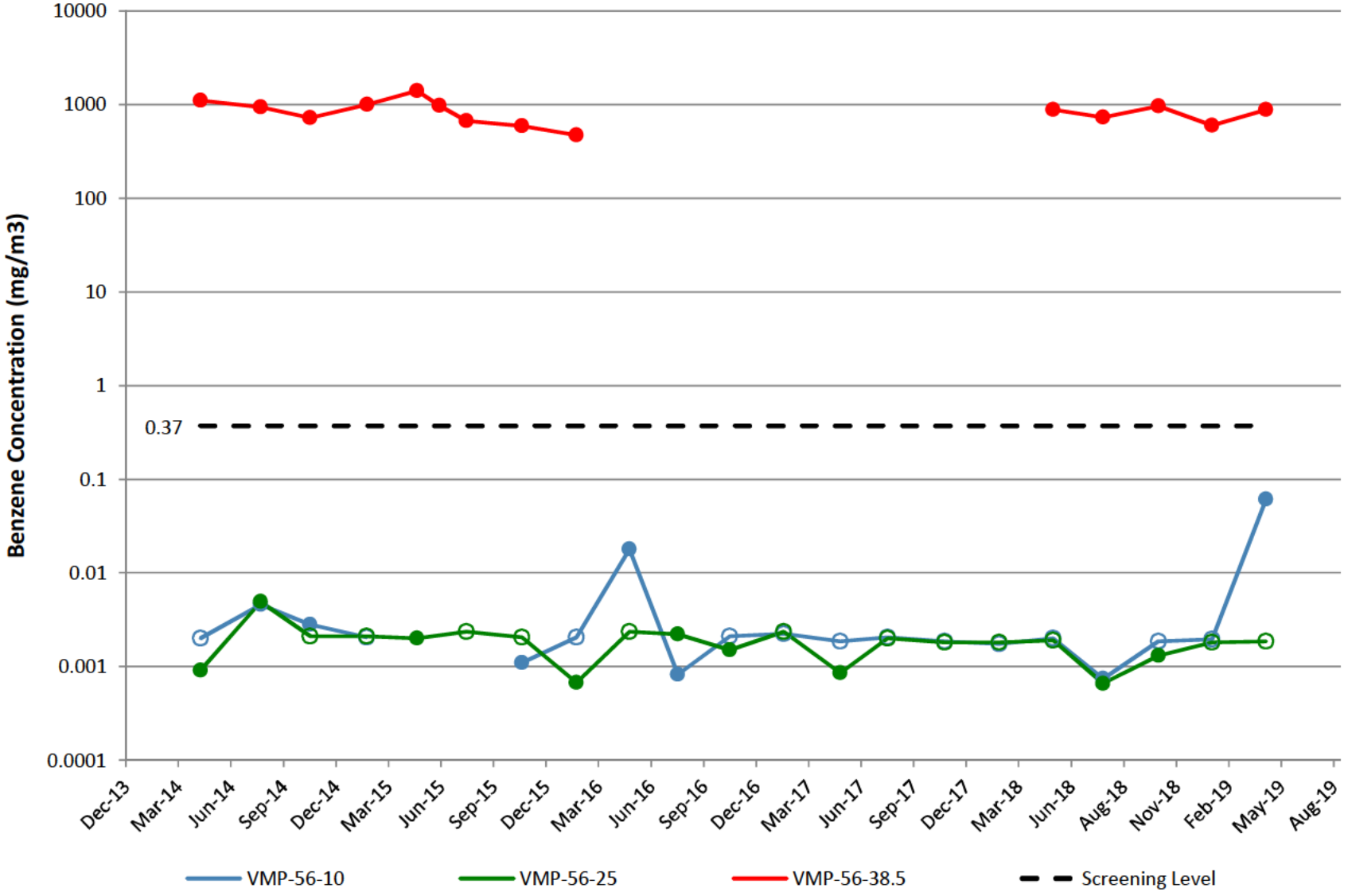
VMP-55

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



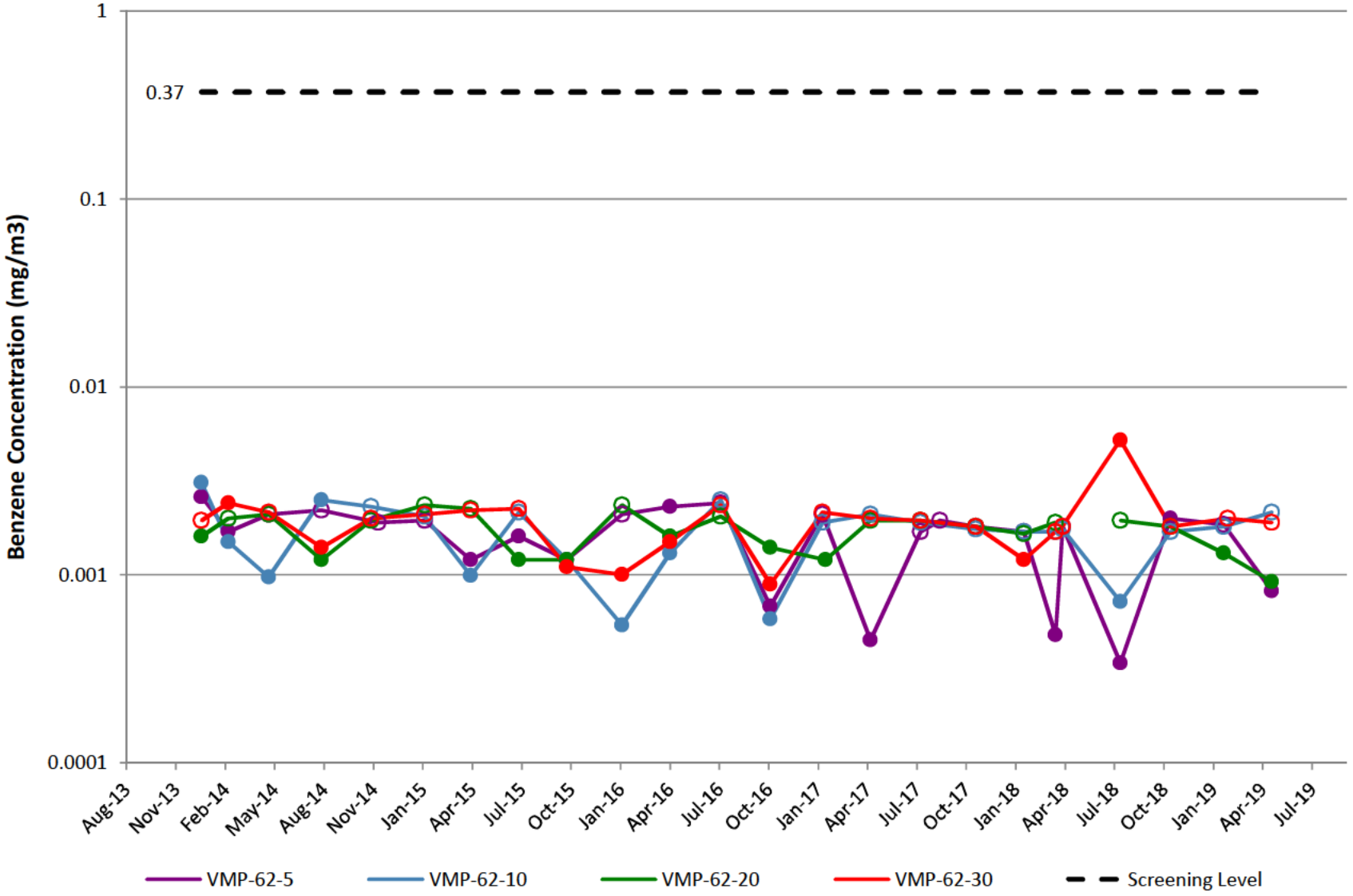
VMP-56

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



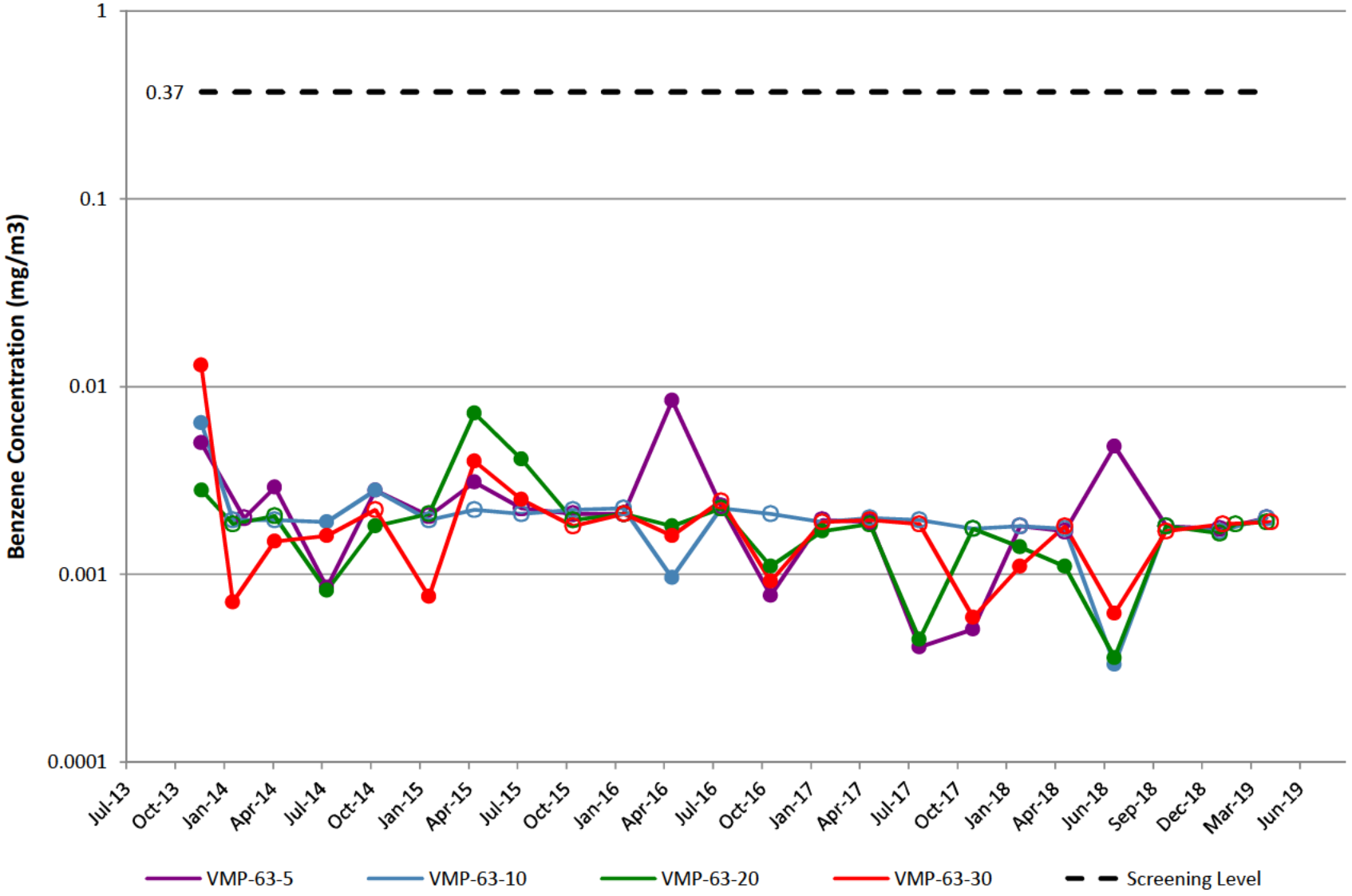
VMP-62

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



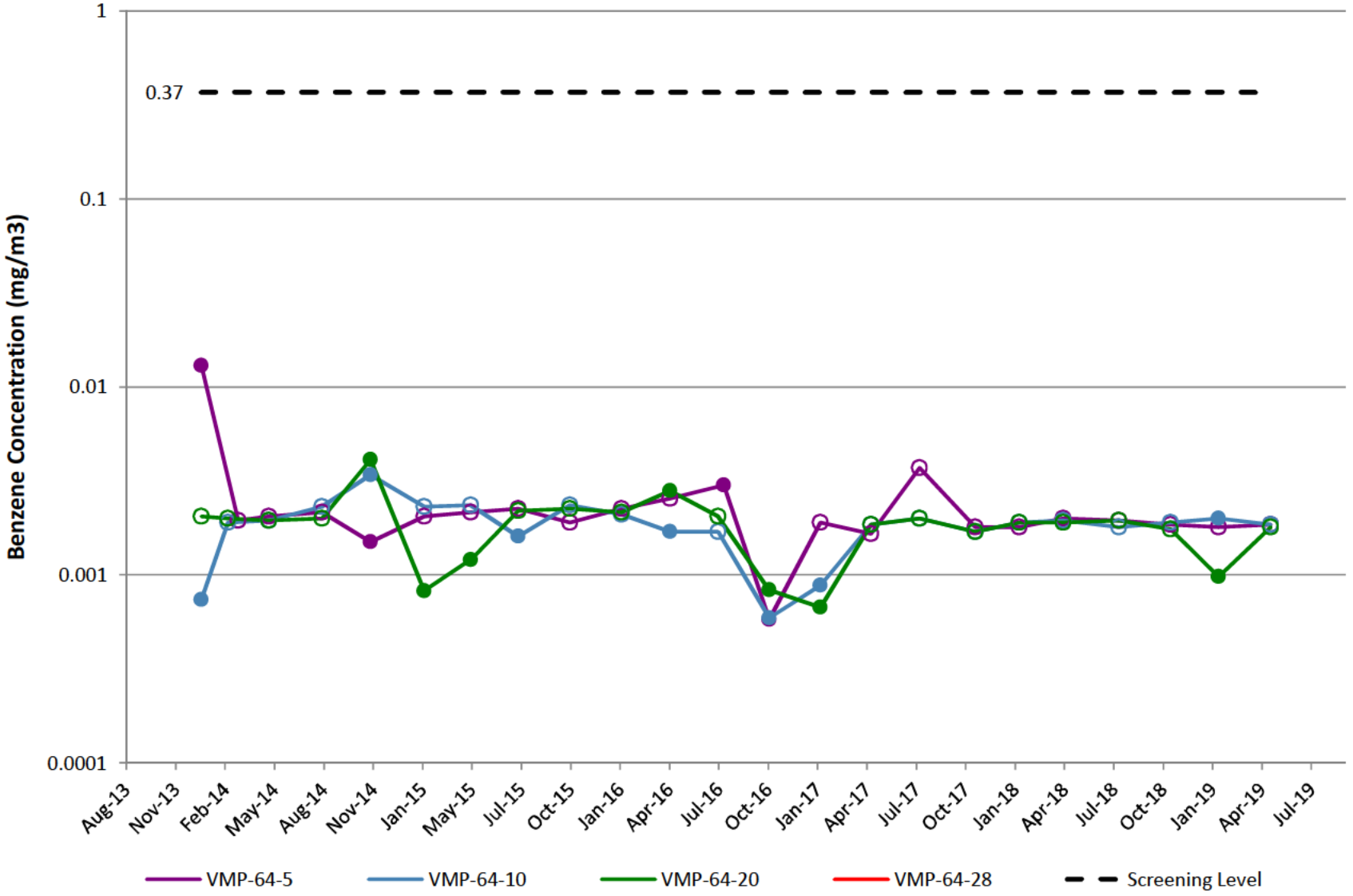
VMP-63

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



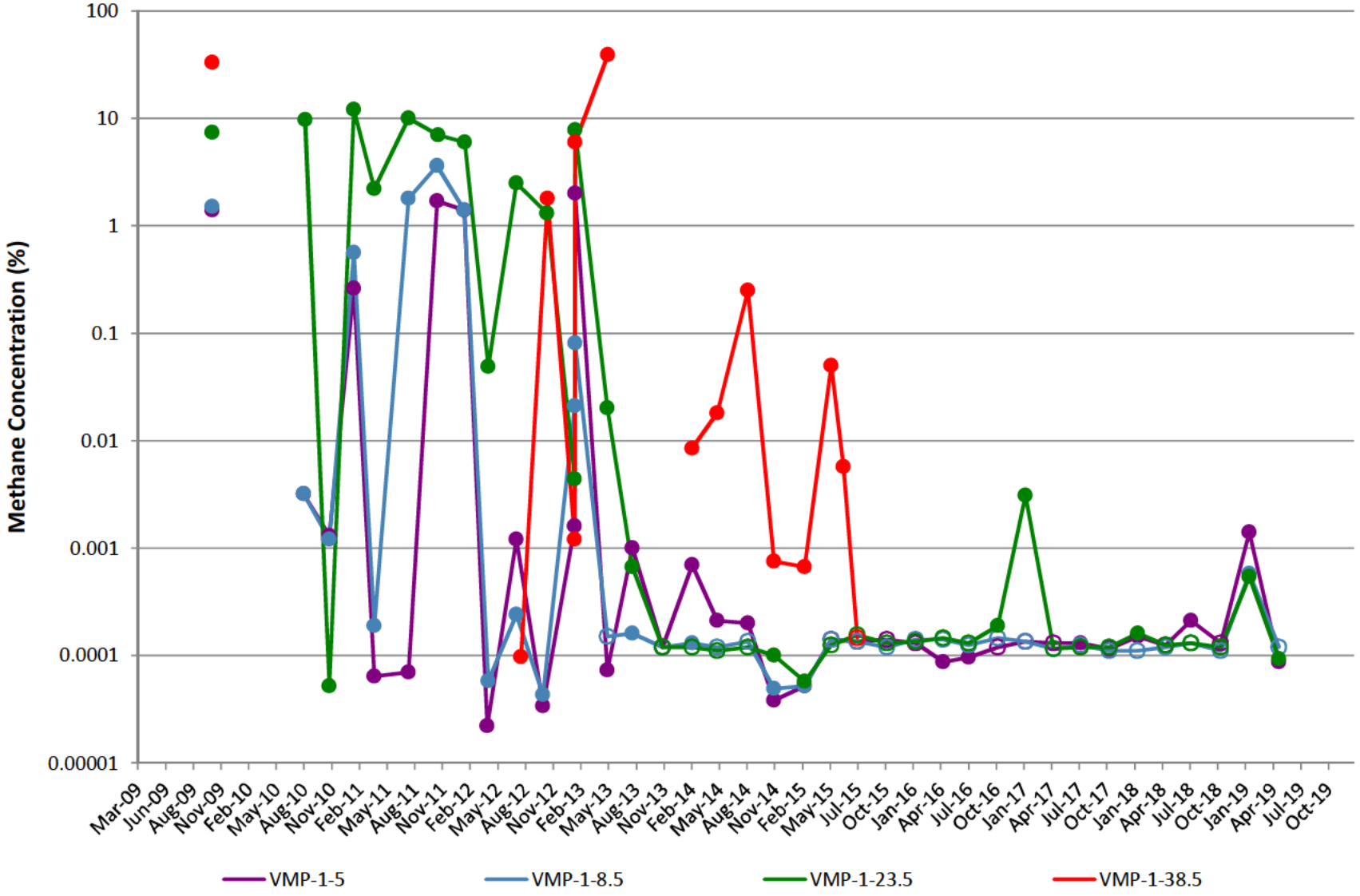
VMP-64

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



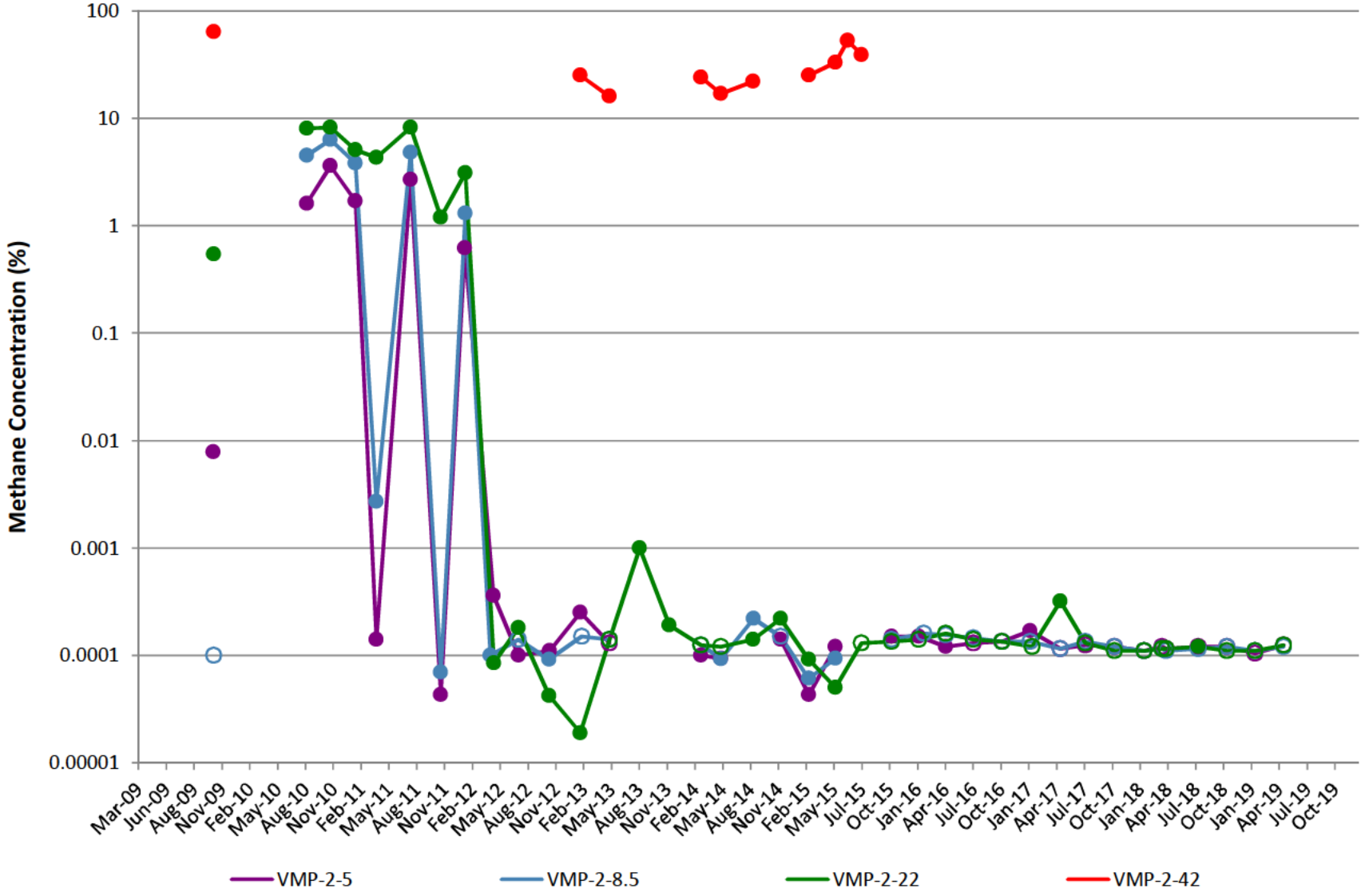
VMP-1

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



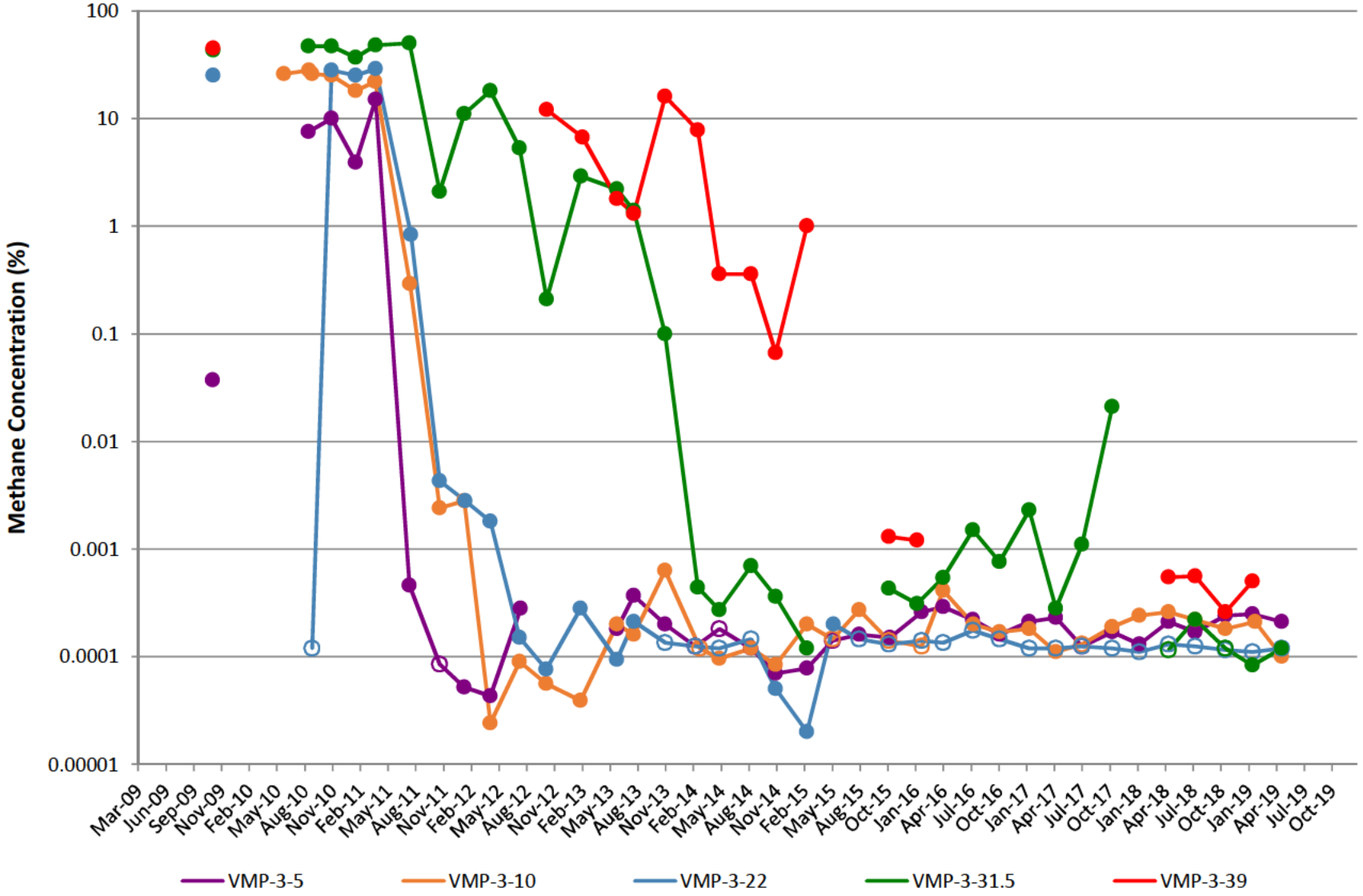
VMP-2

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



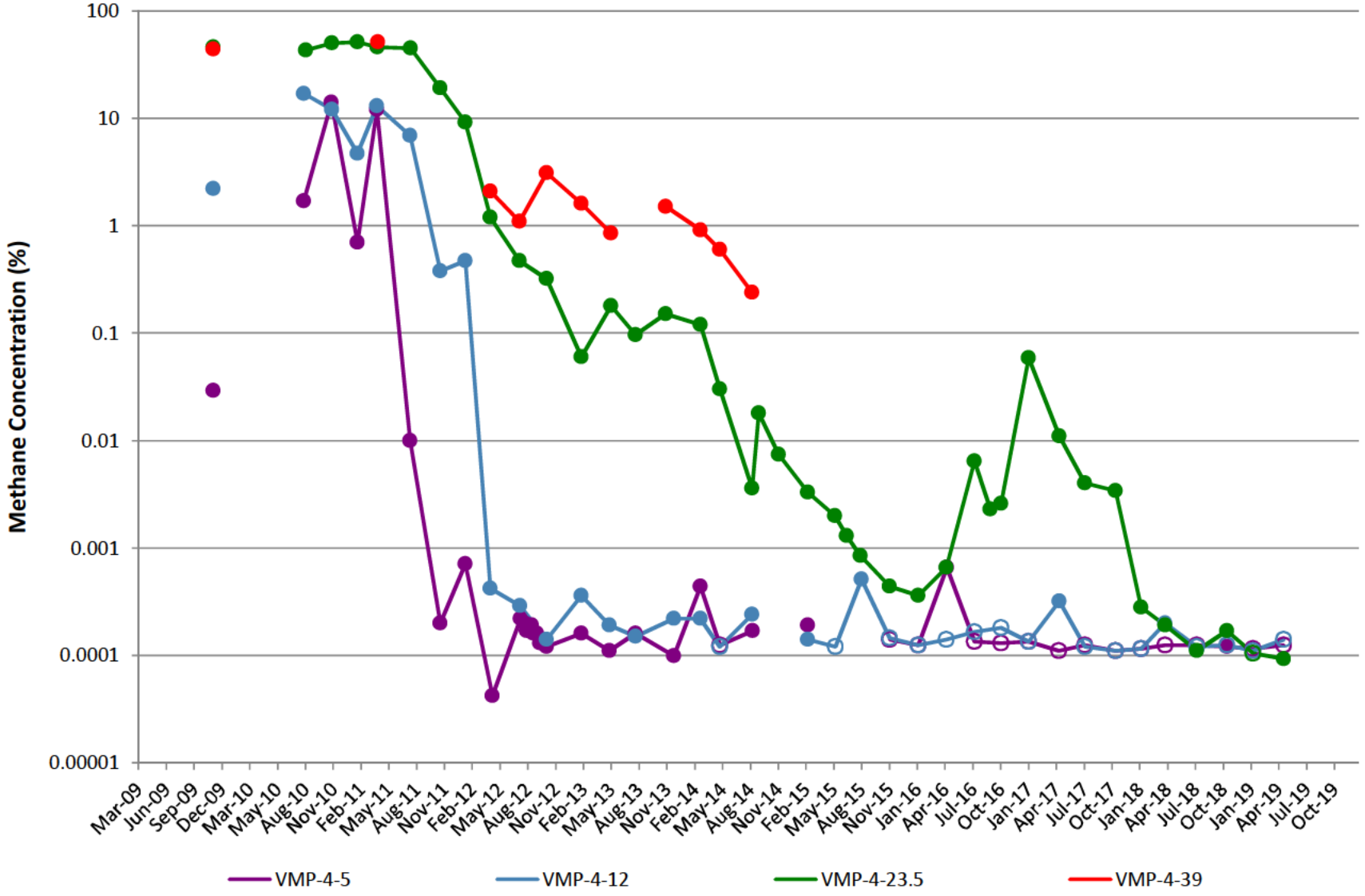
VMP-3

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



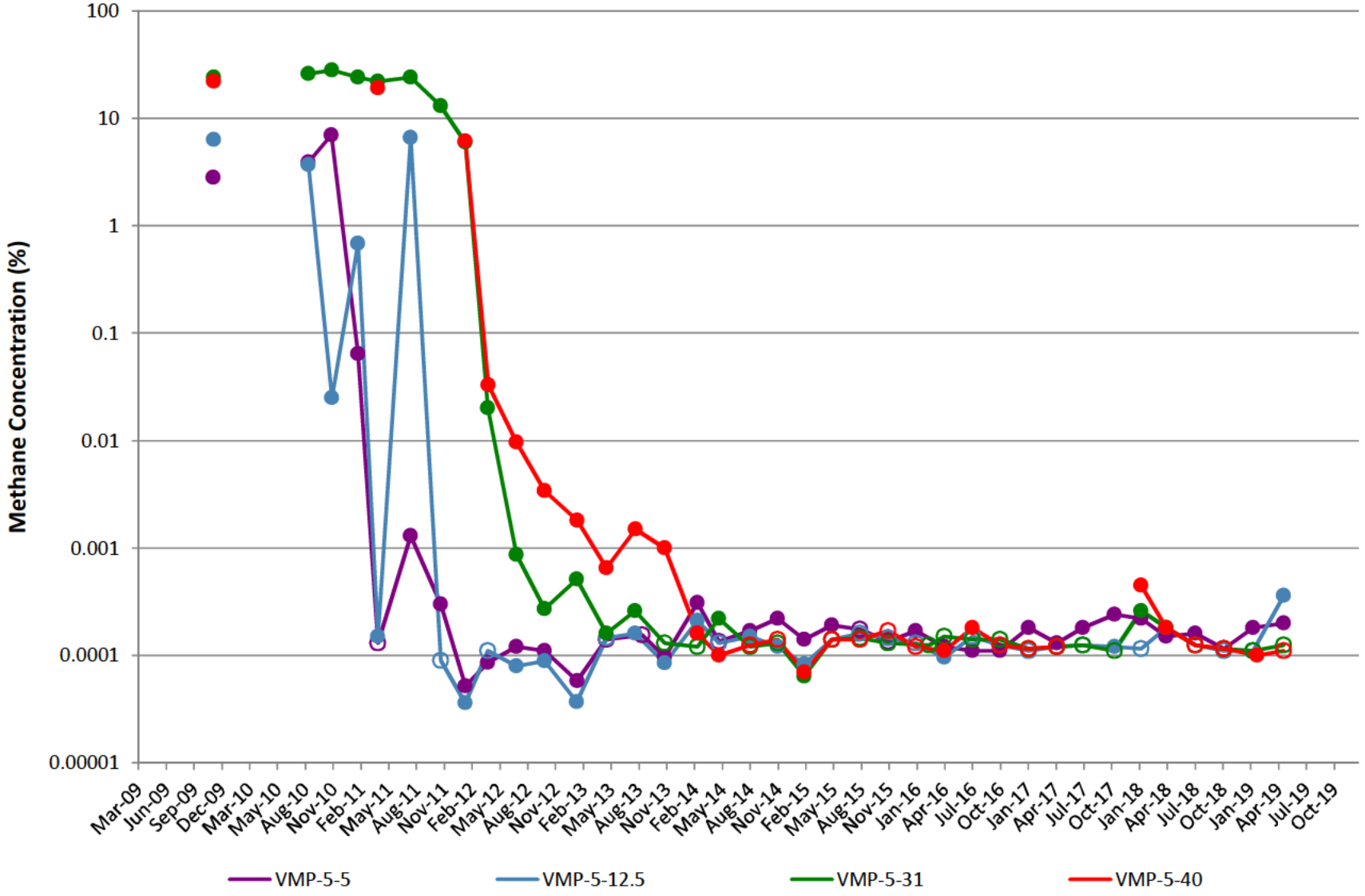
VMP-4

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



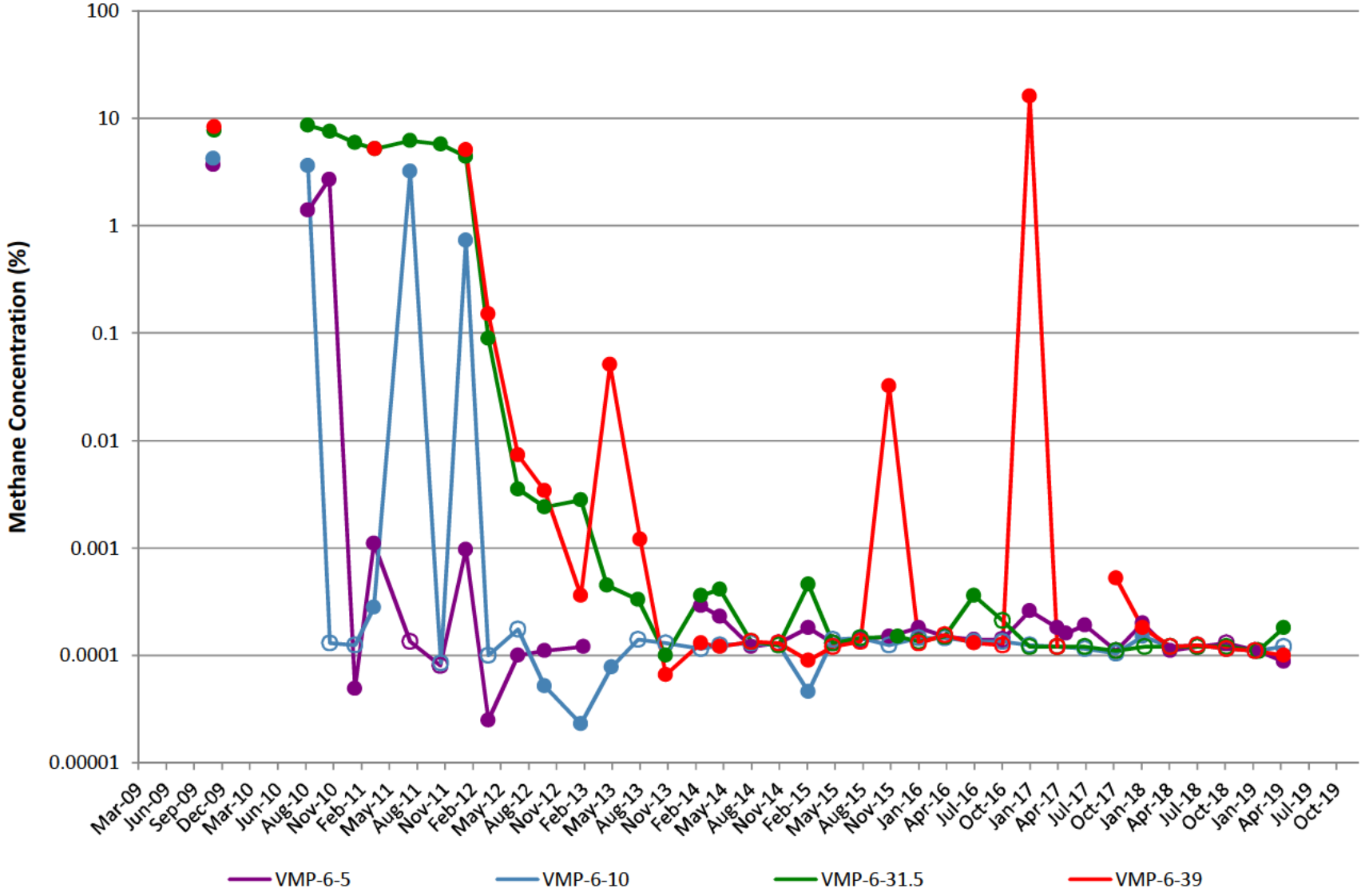
VMP-5

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



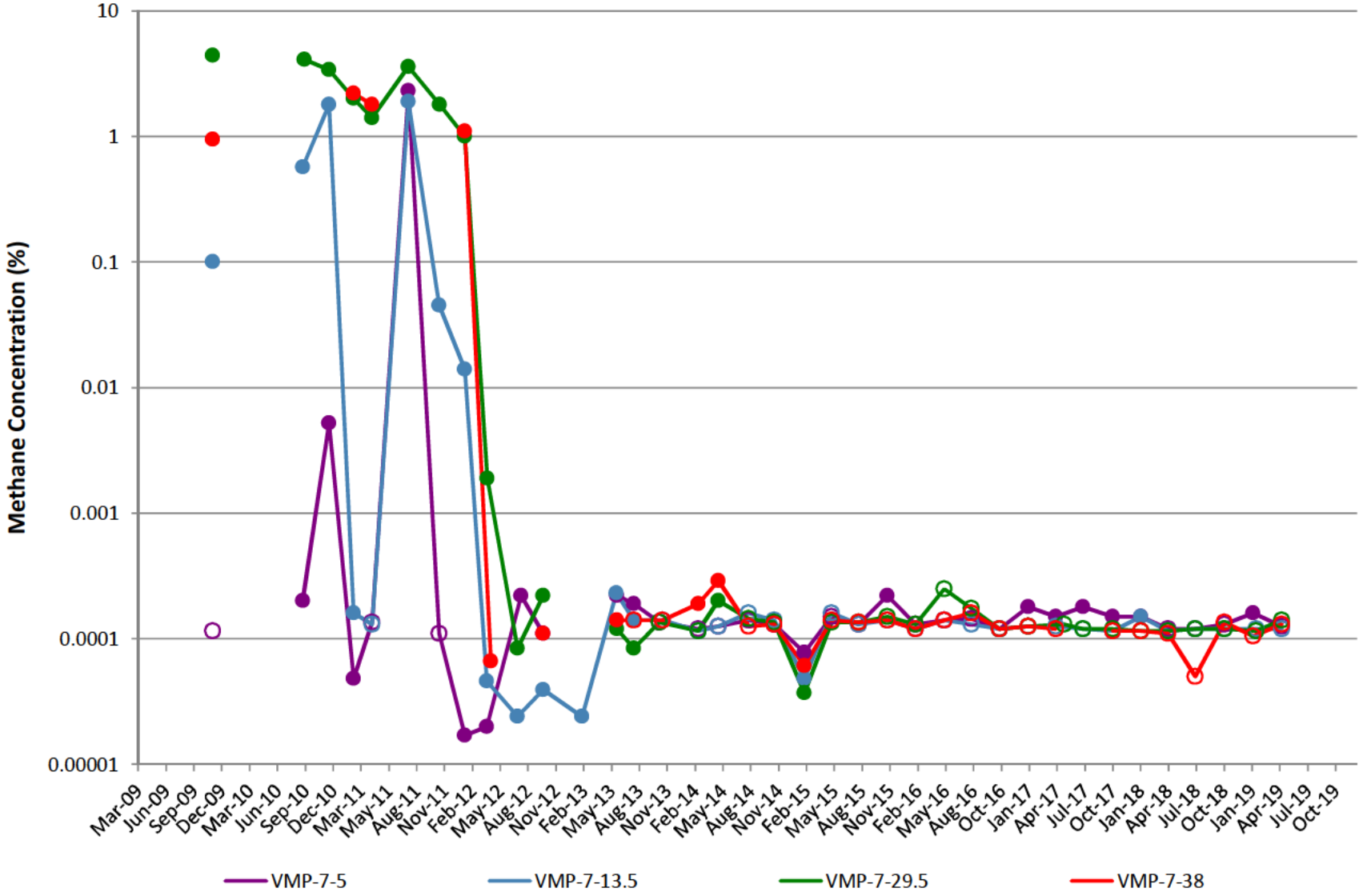
VMP-6

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



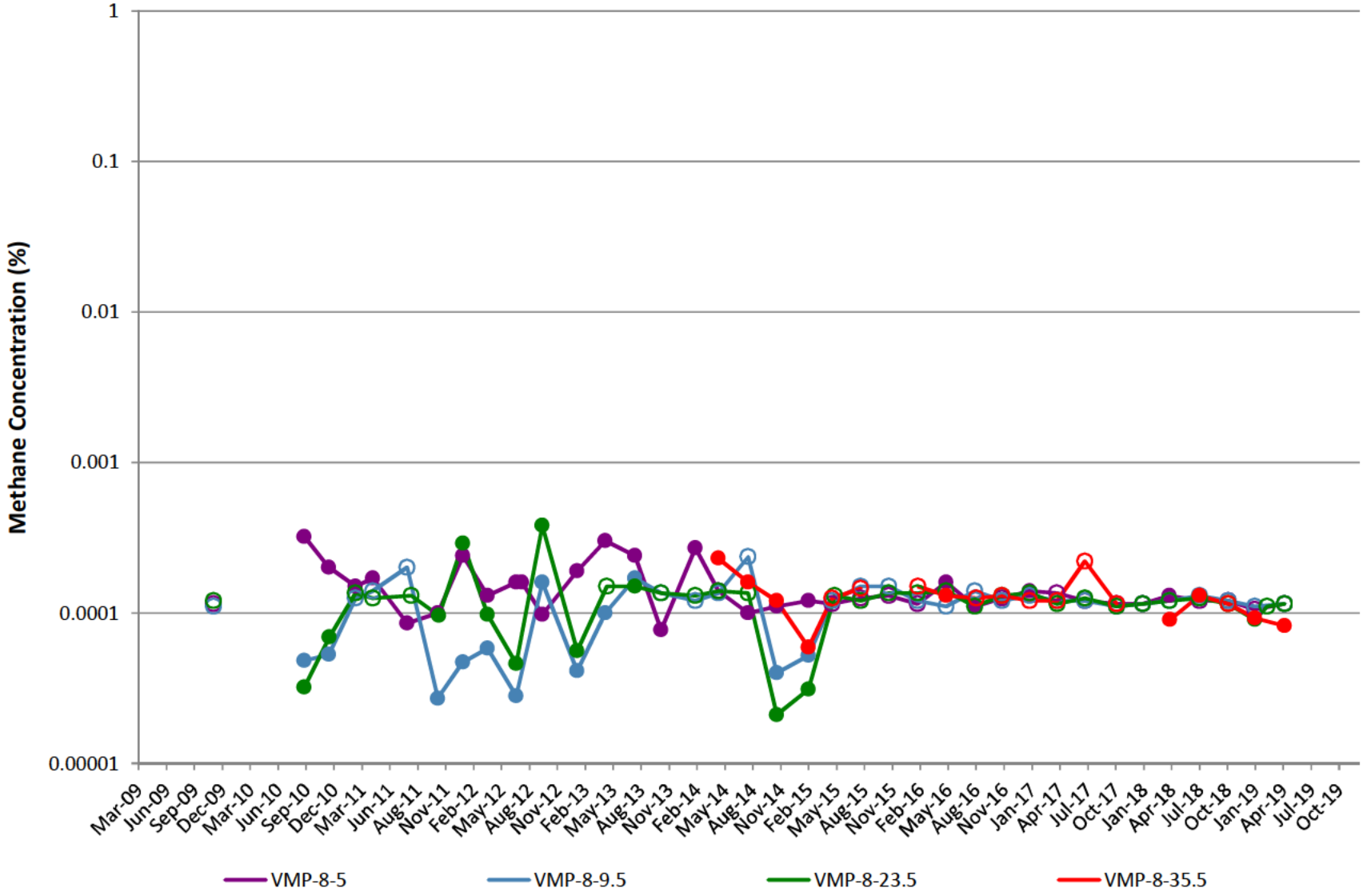
VMP-7

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



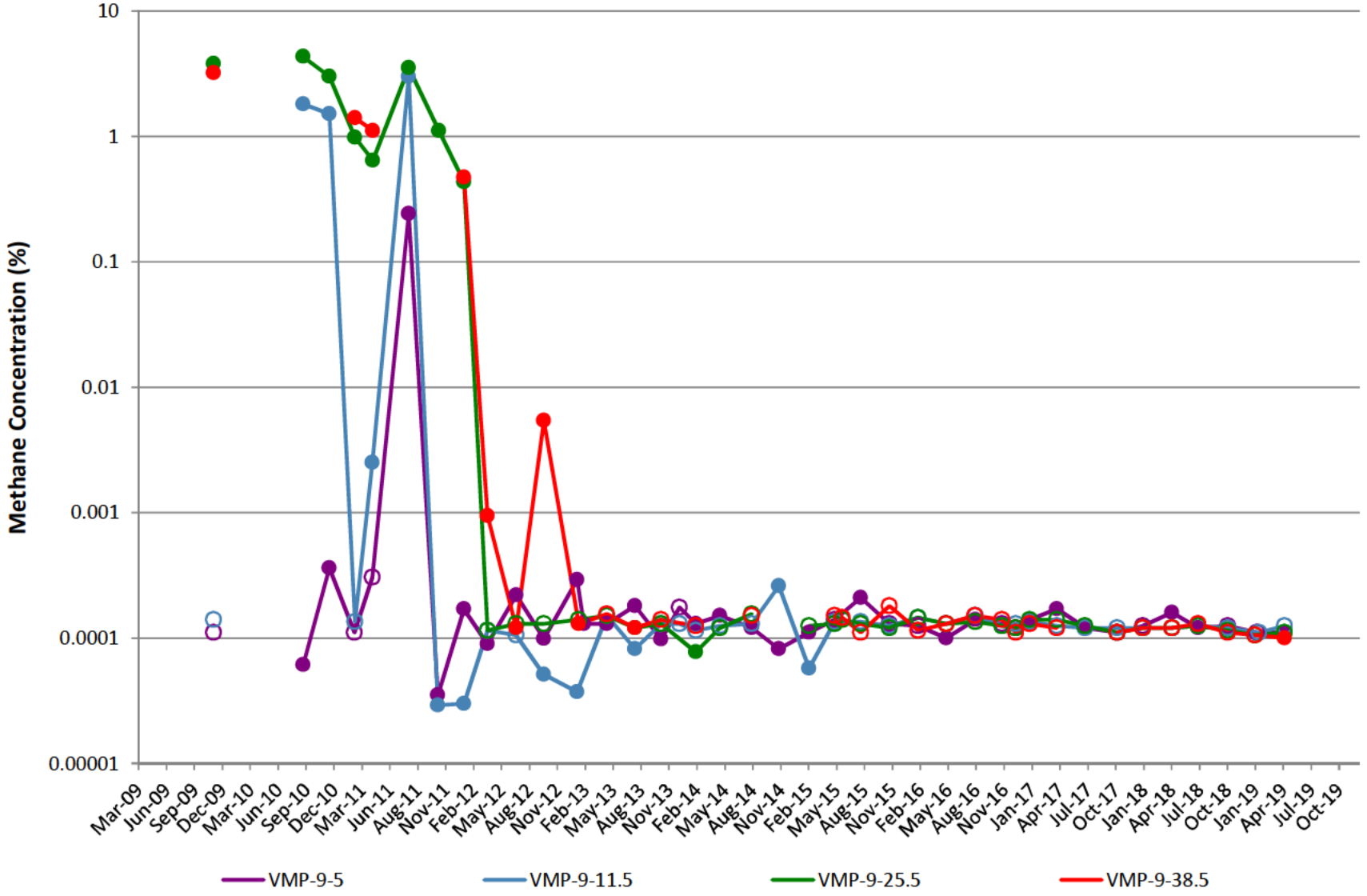
VMP-8

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



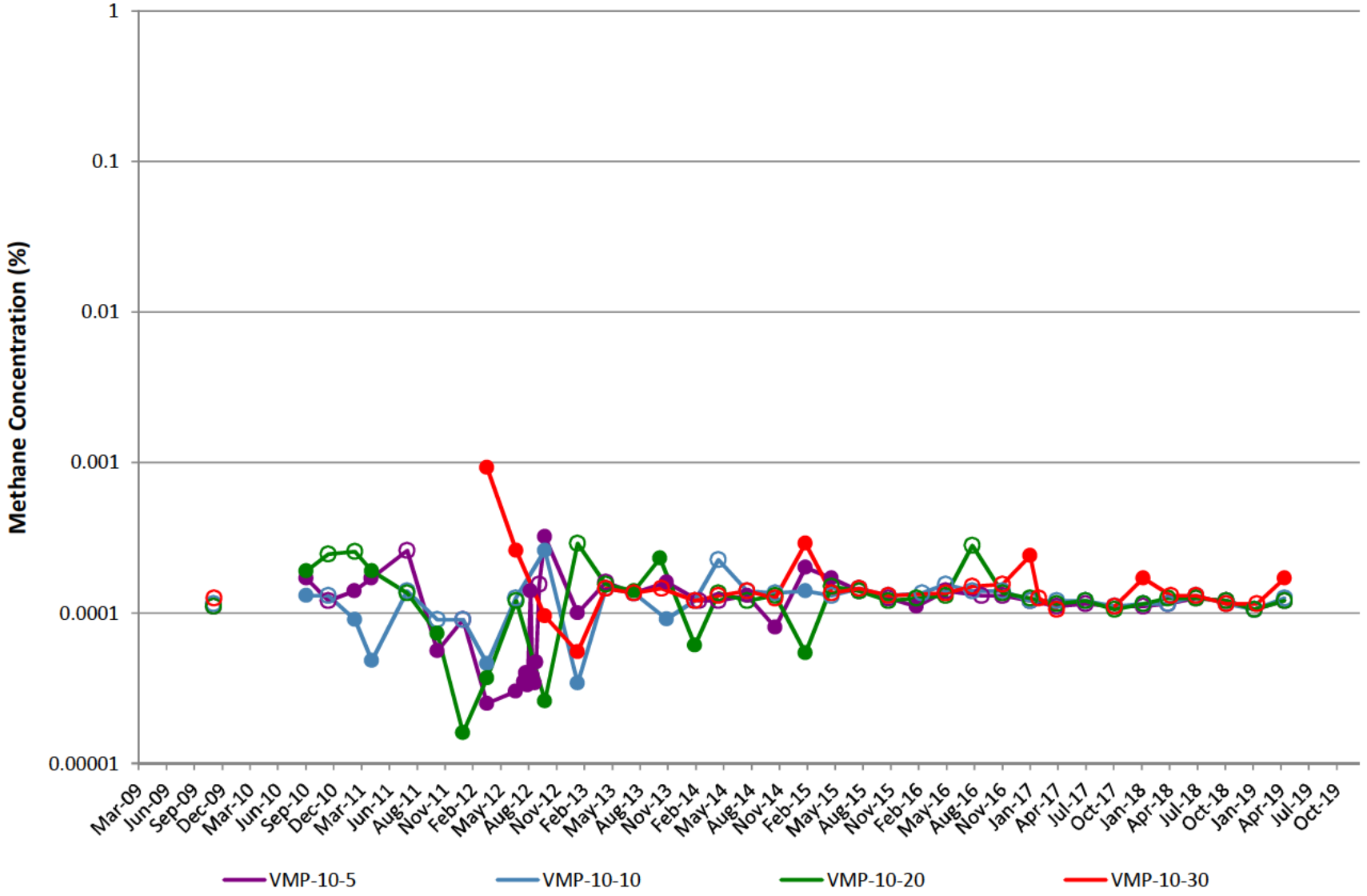
VMP-9

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



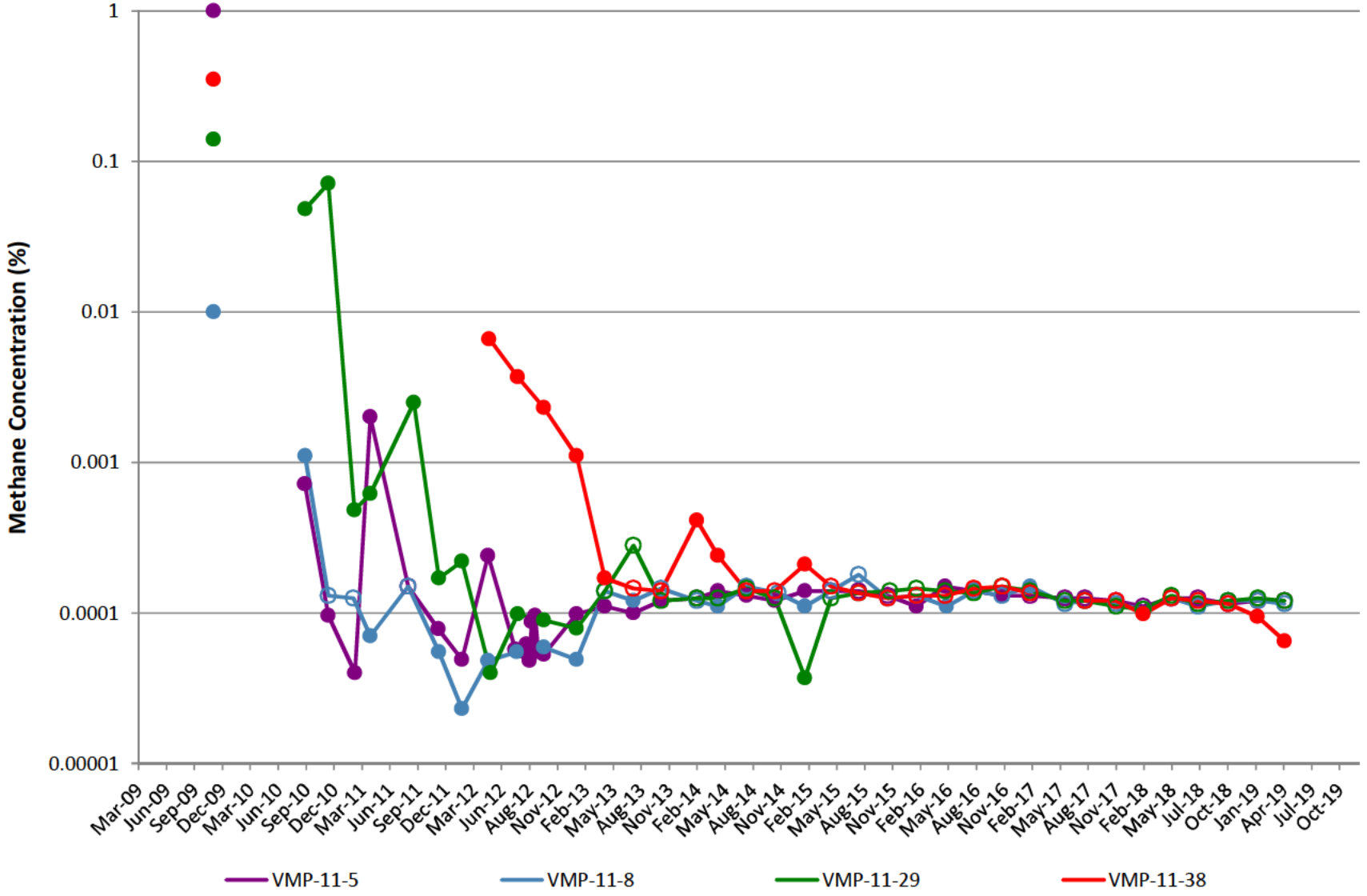
VMP-10

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



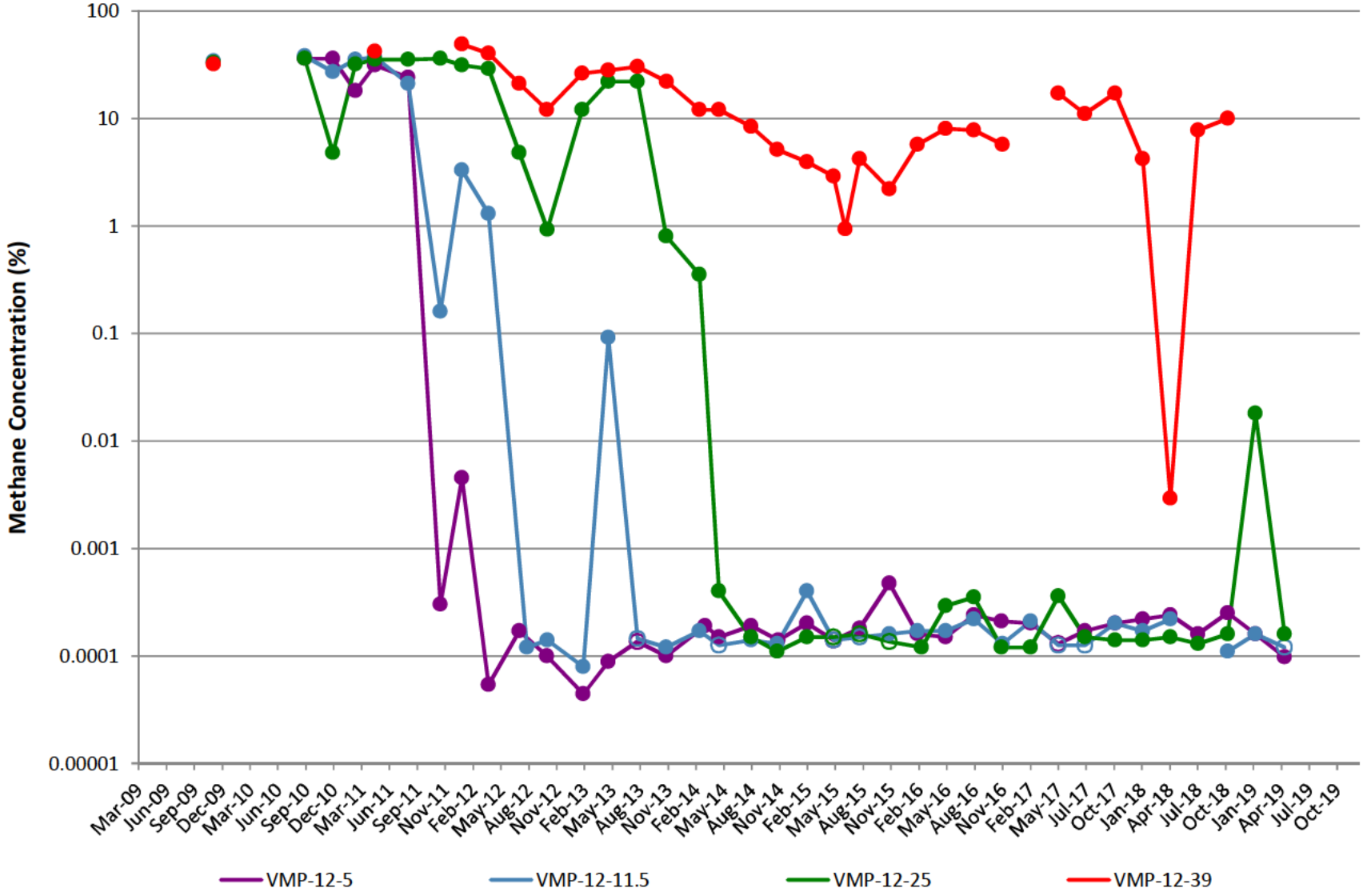
VMP-11

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



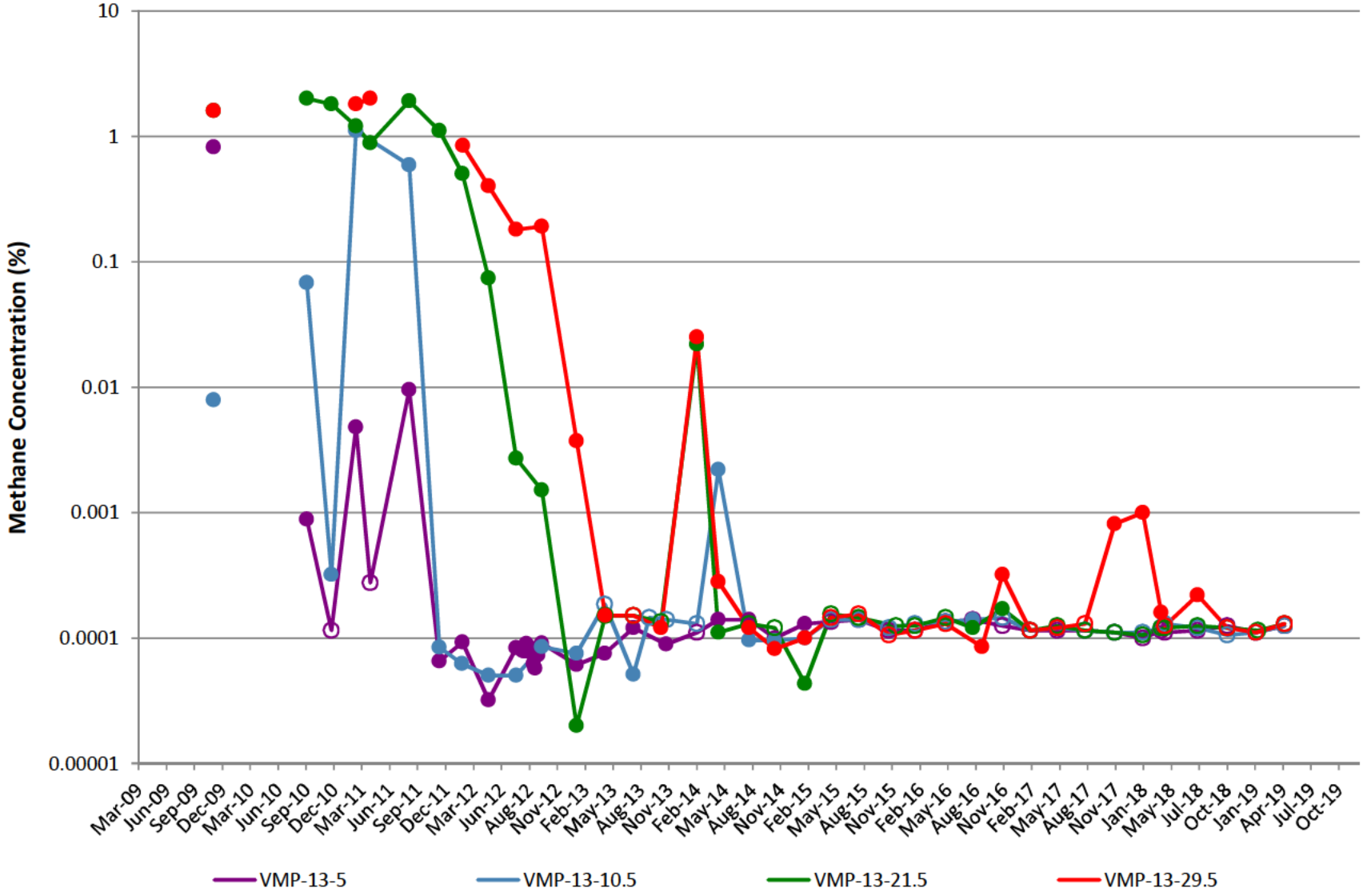
VMP-12

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



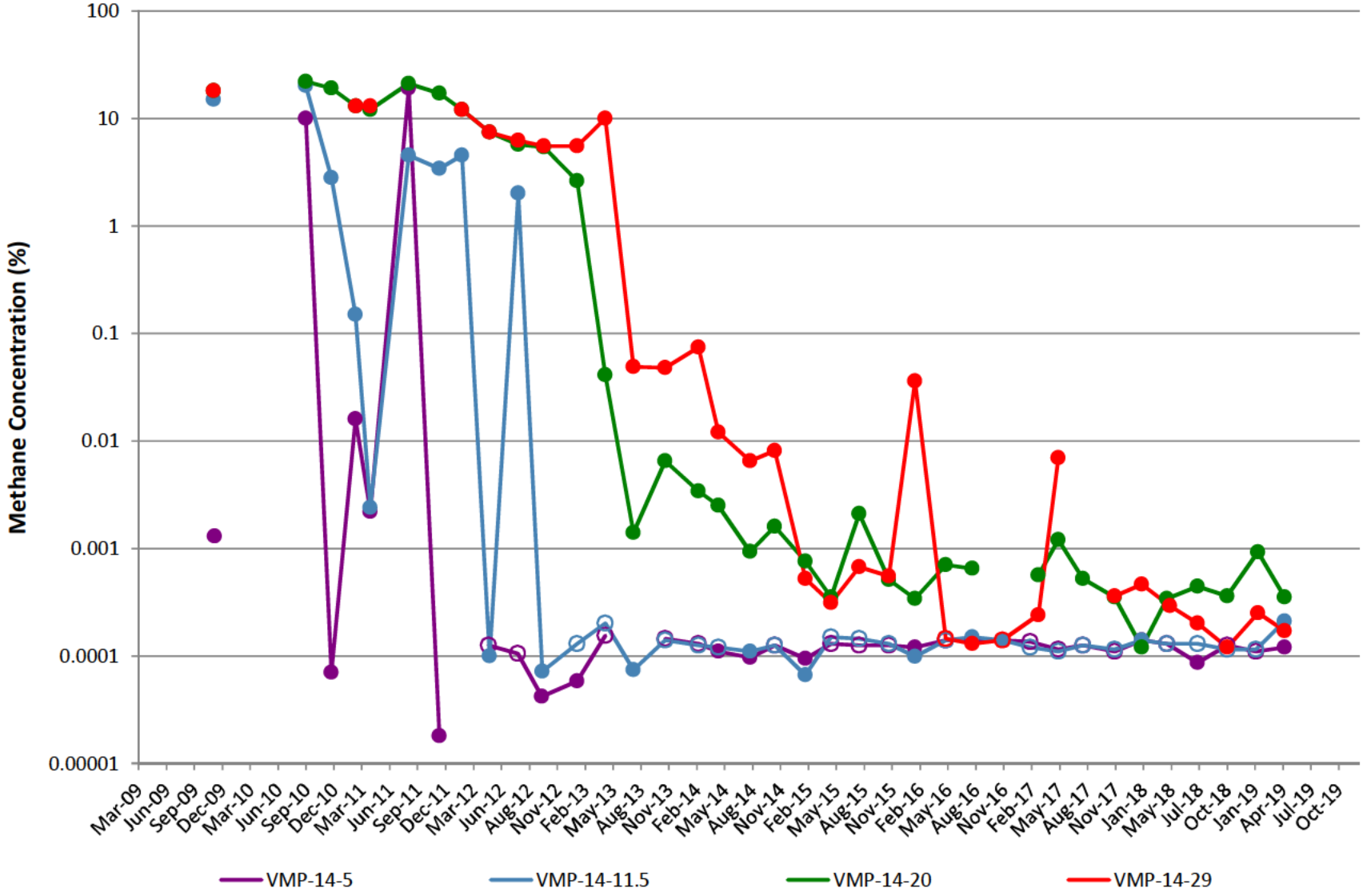
VMP-13

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



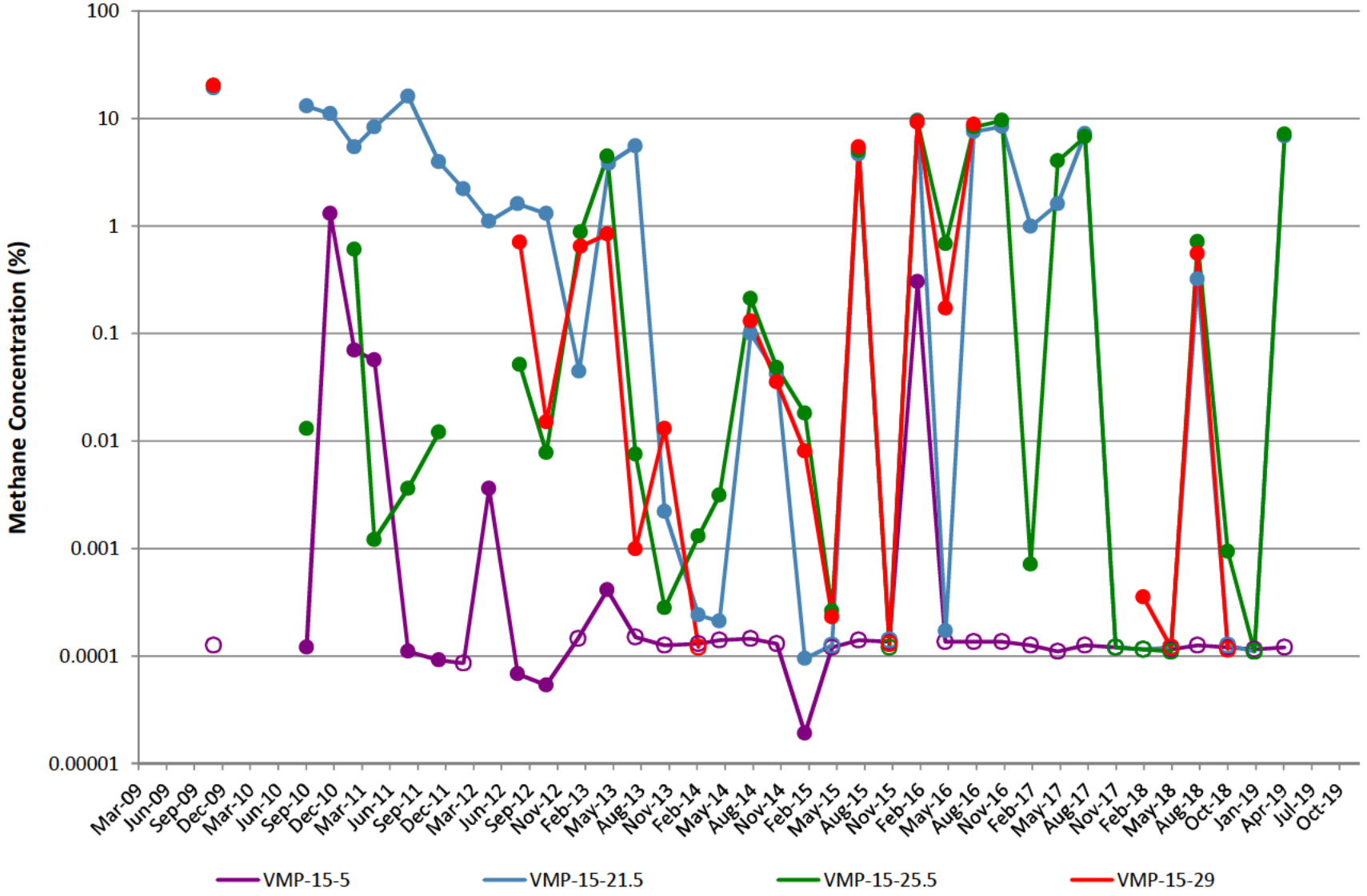
VMP-14

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



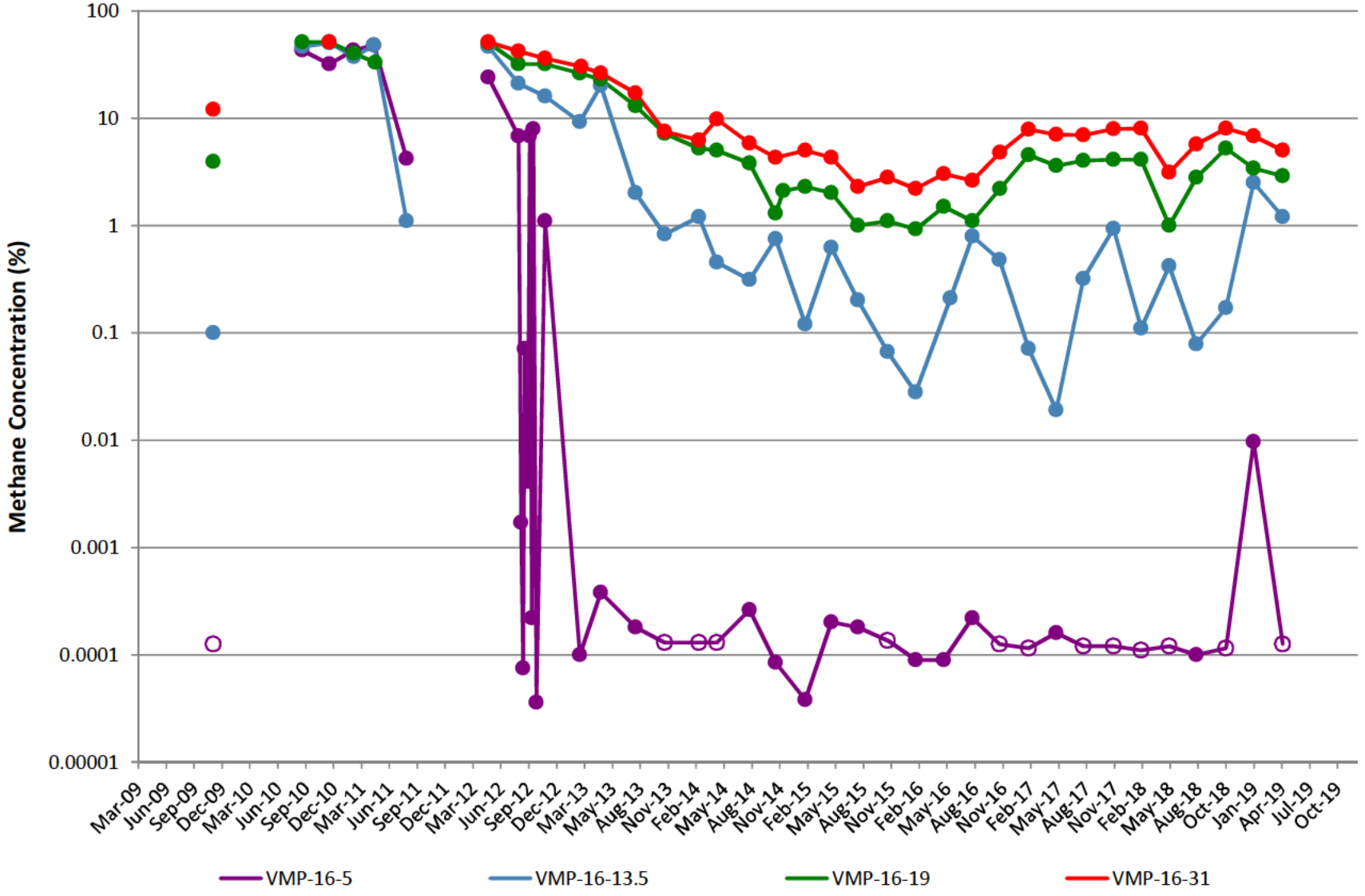
VMP-15

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



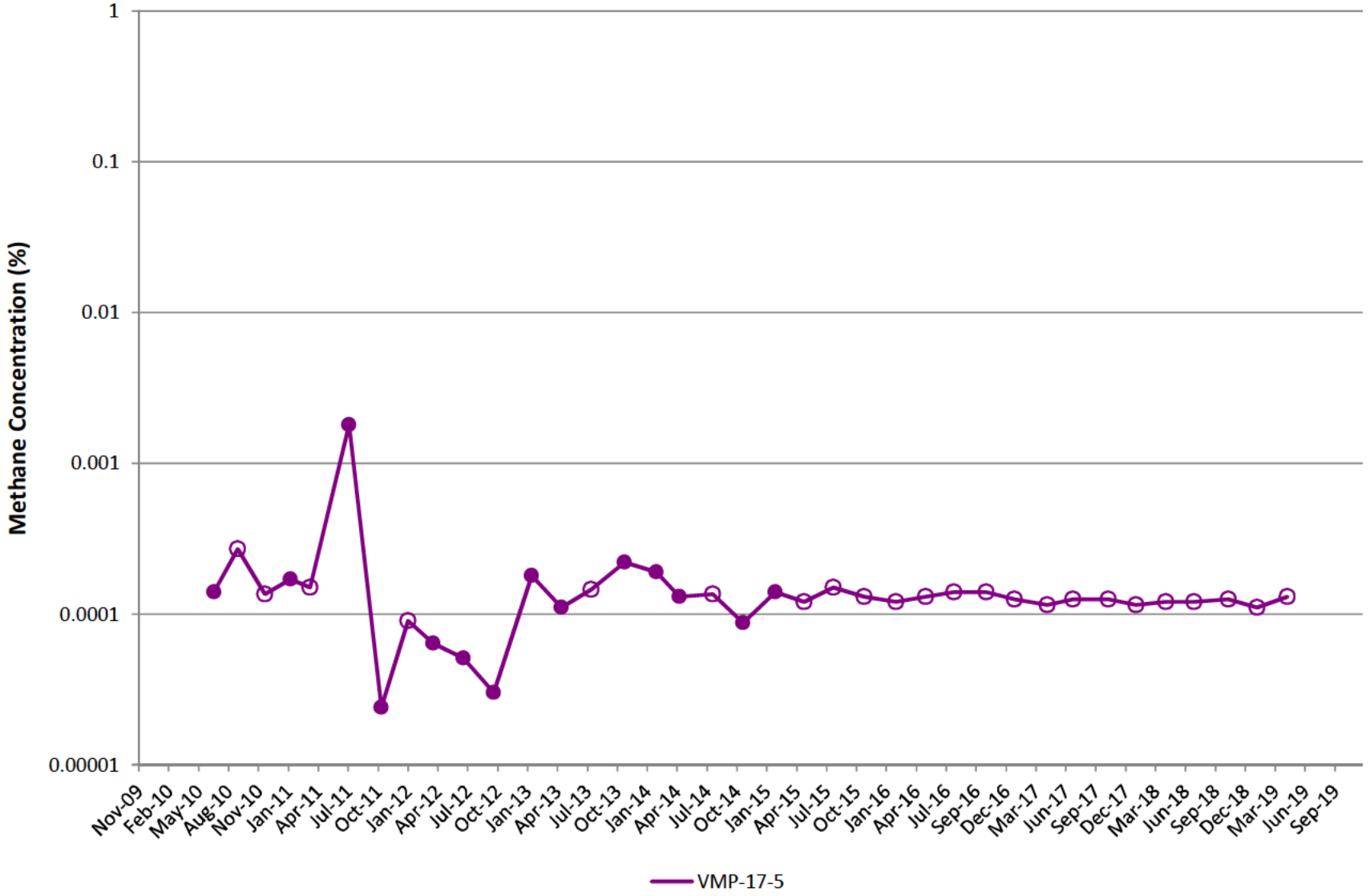
VMP-16

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



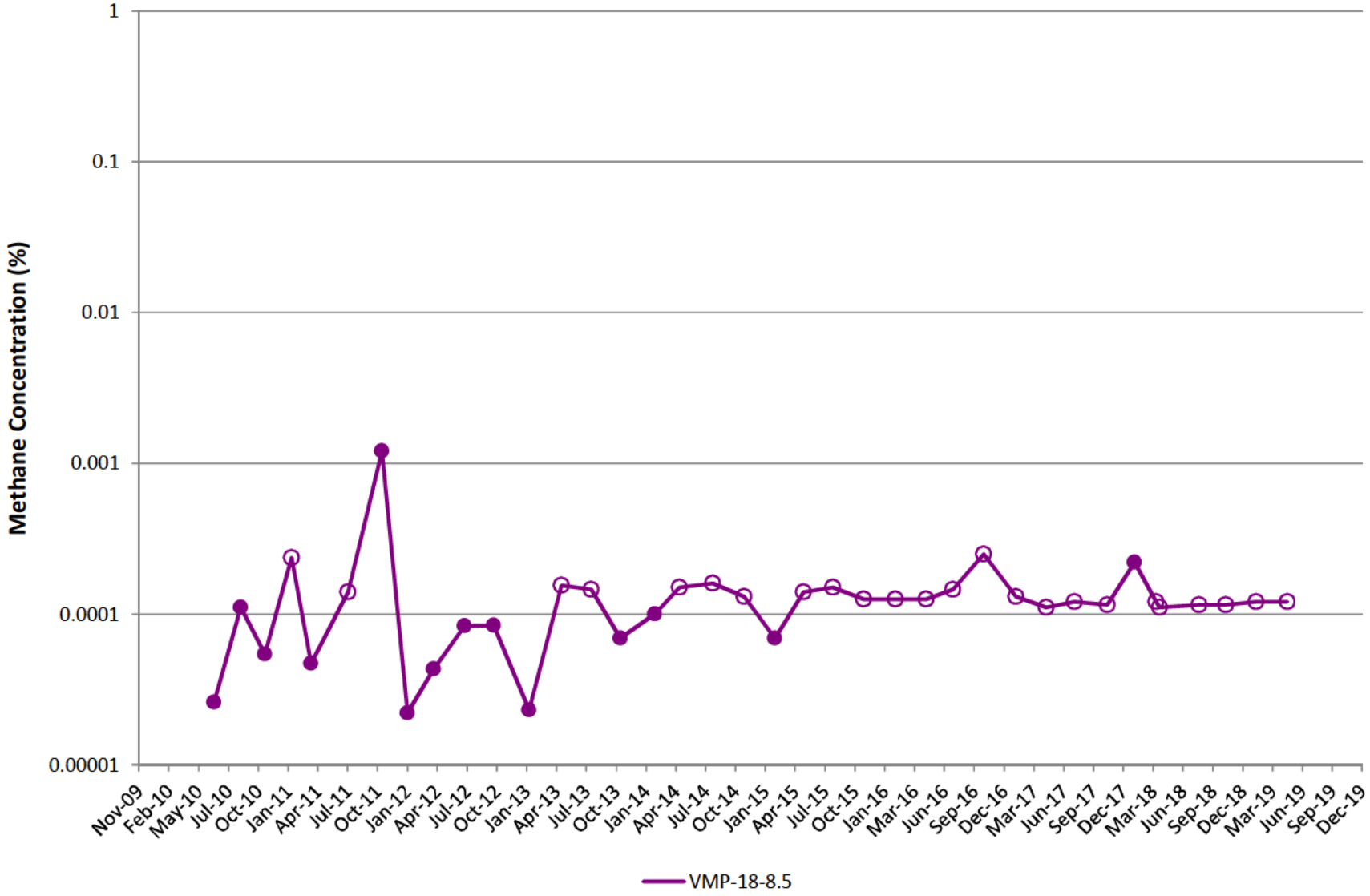
VMP-17

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



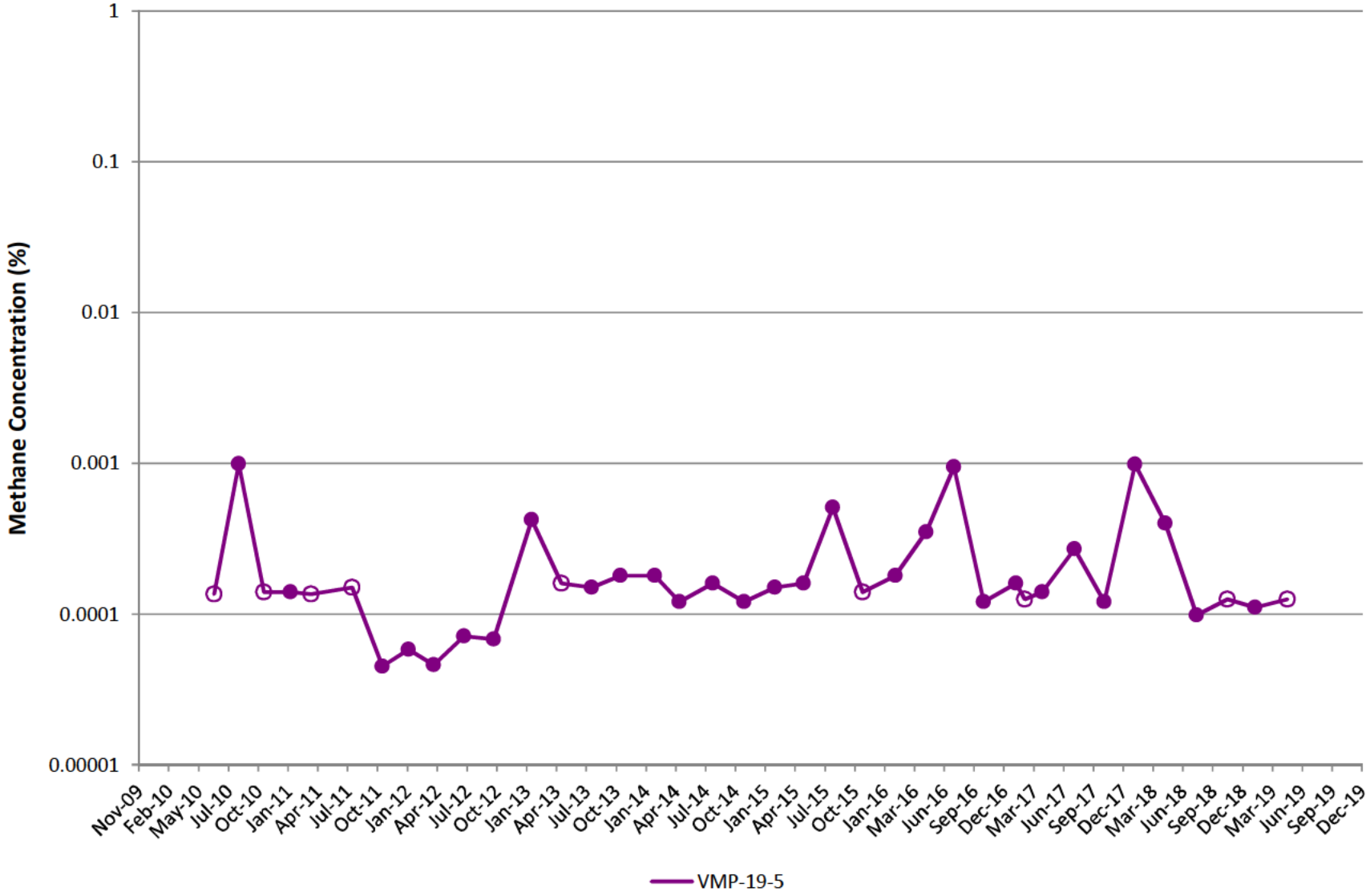
VMP-18

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



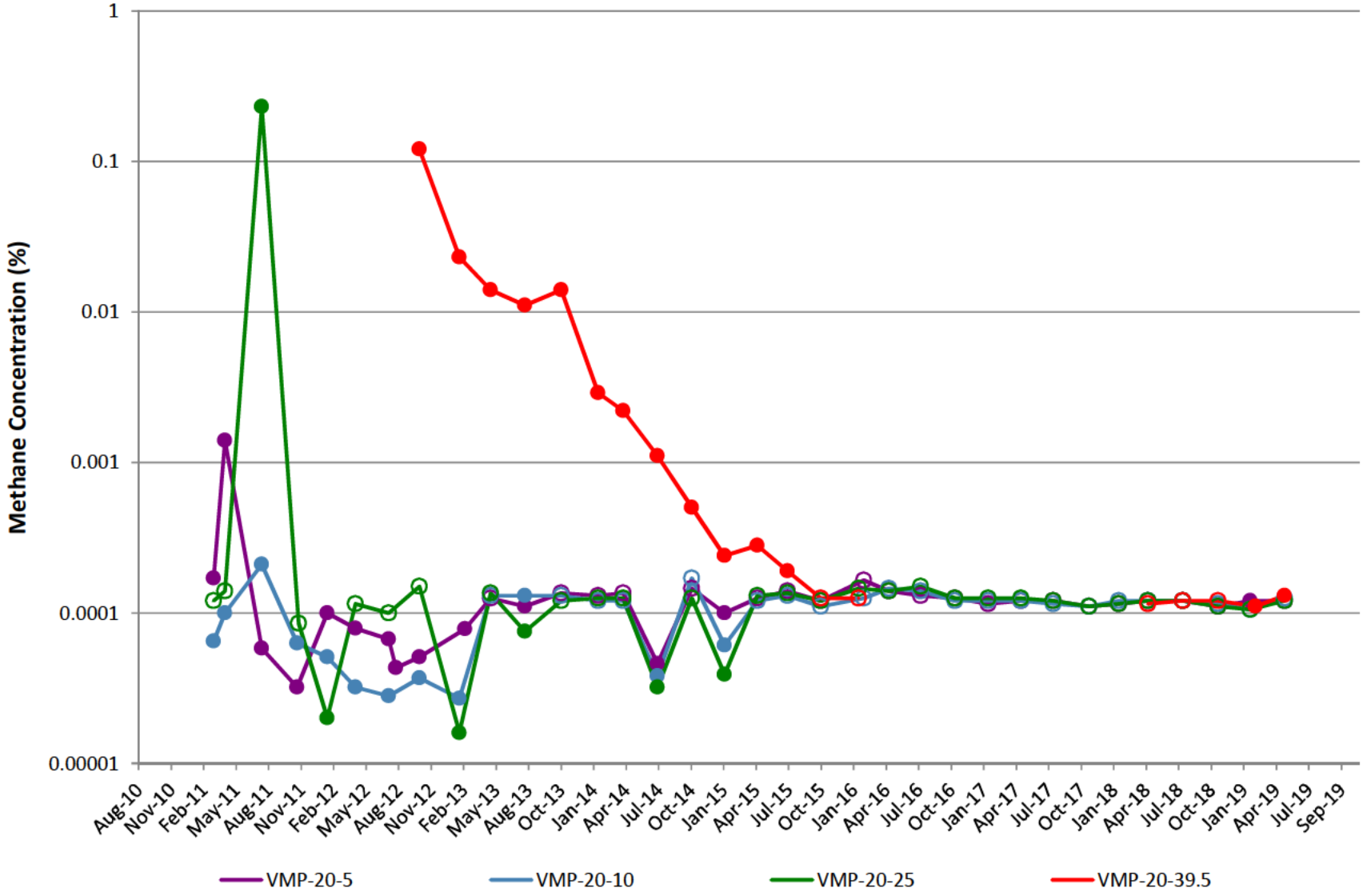
VMP-19

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



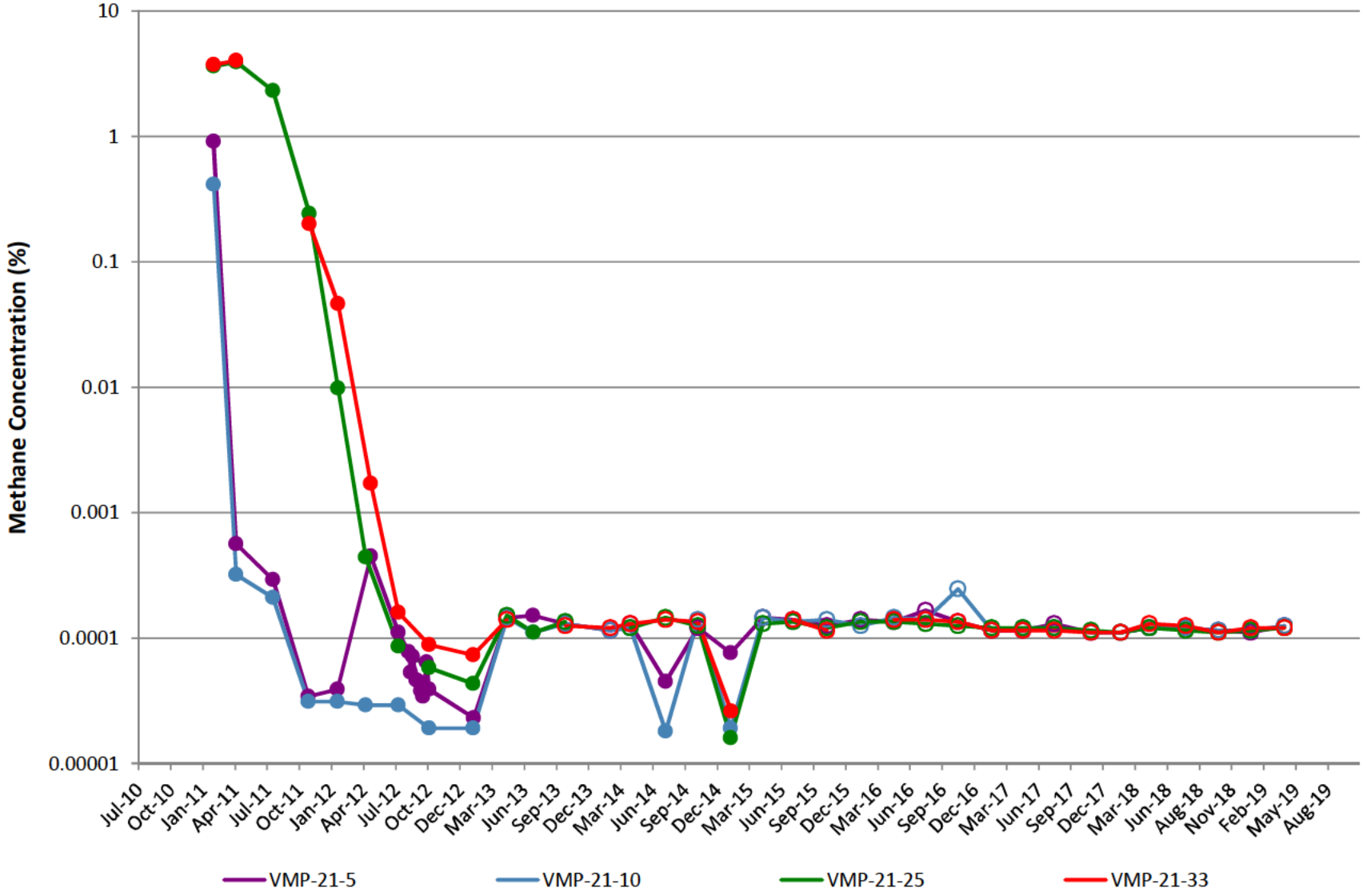
VMP-20

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



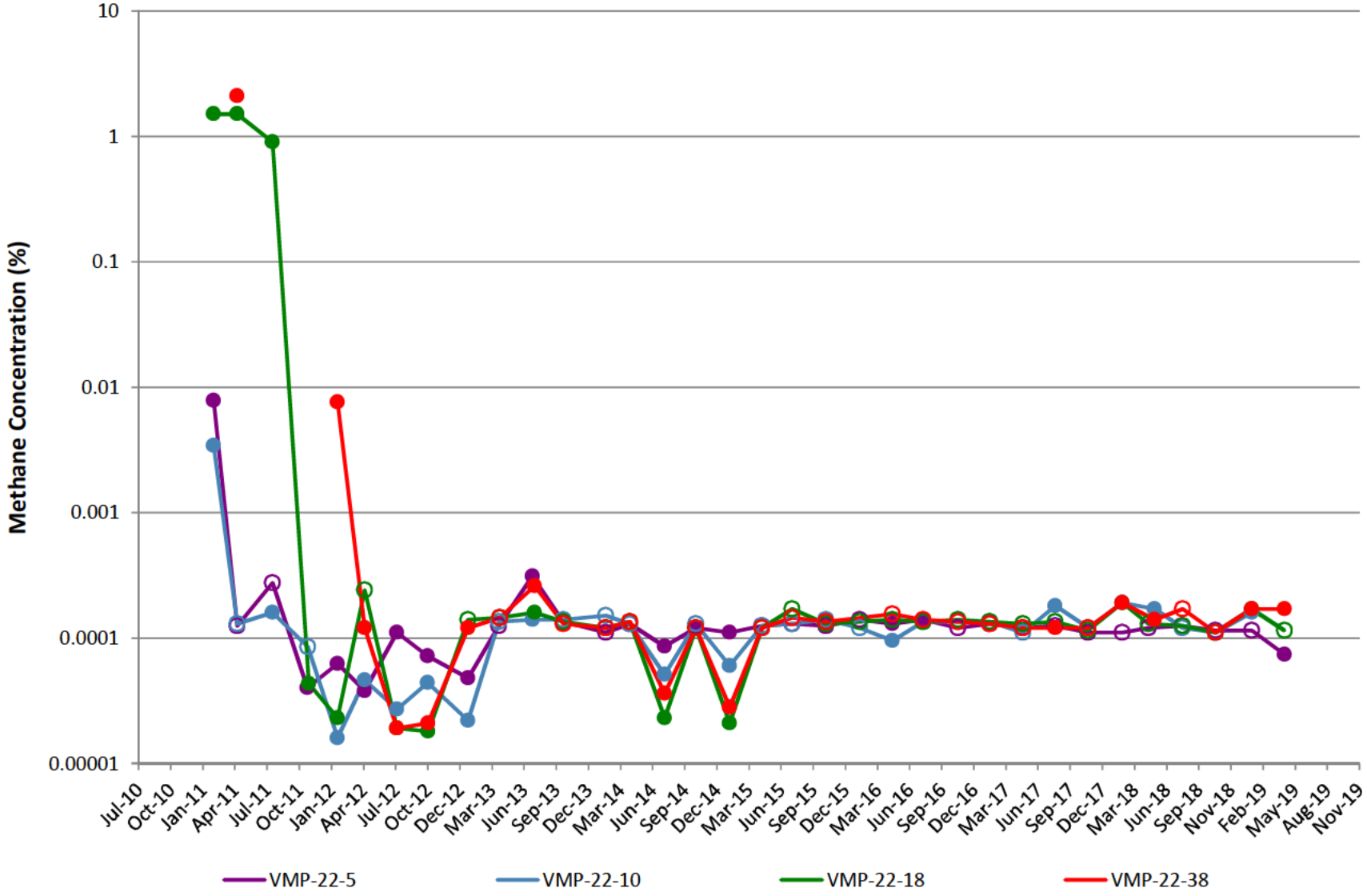
VMP-21

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



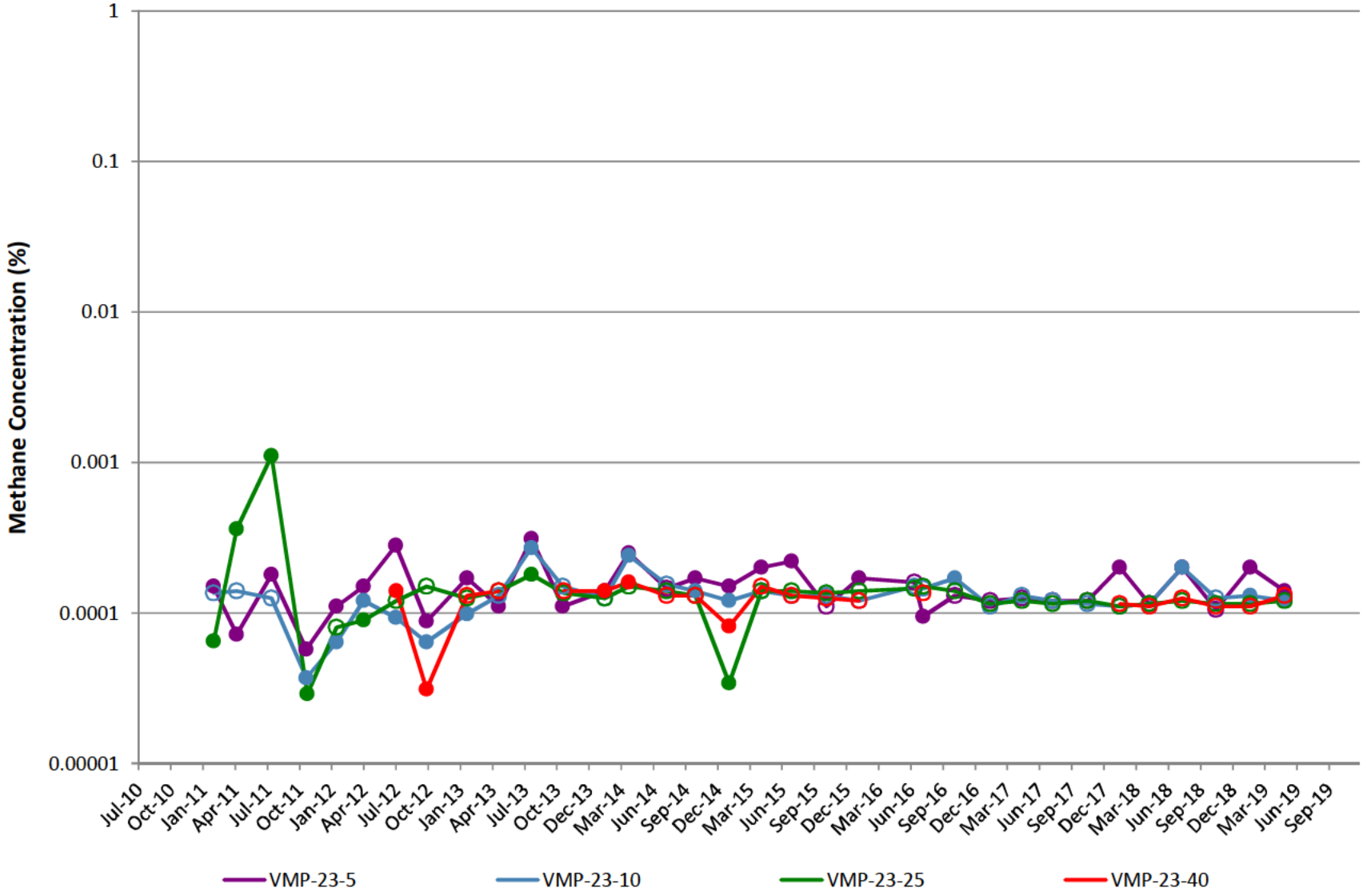
VMP-22

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



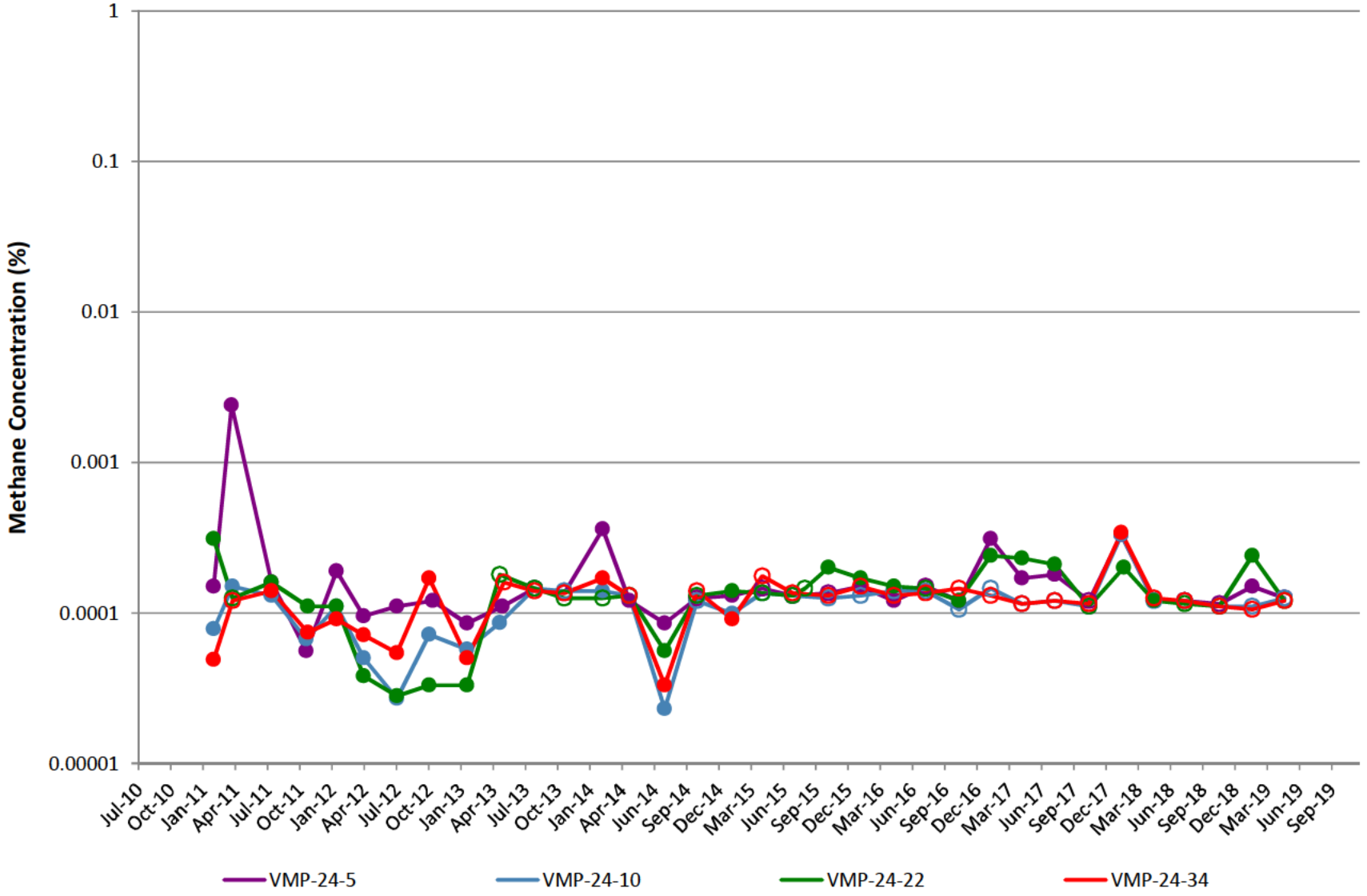
VMP-23

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



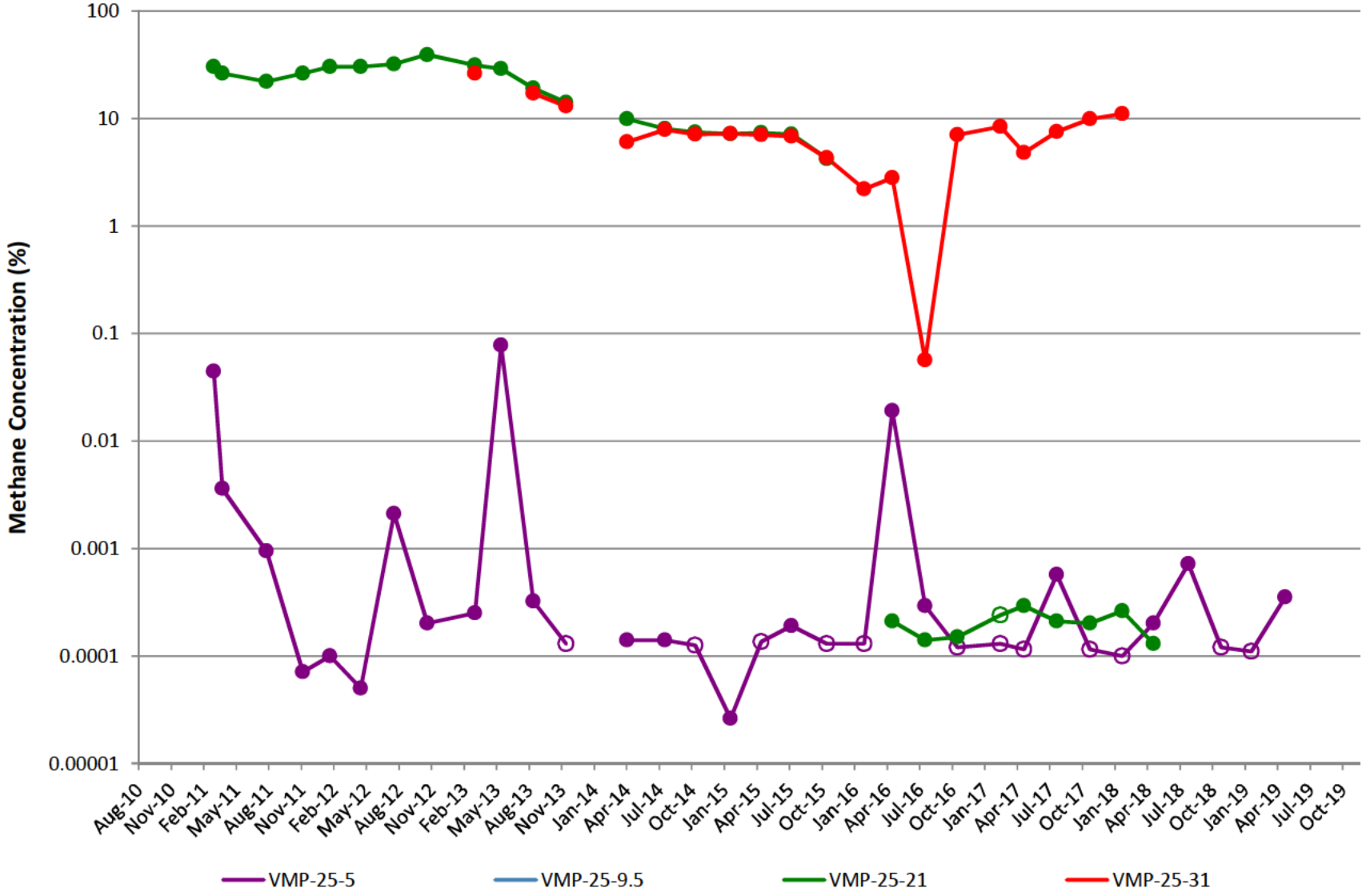
VMP-24

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



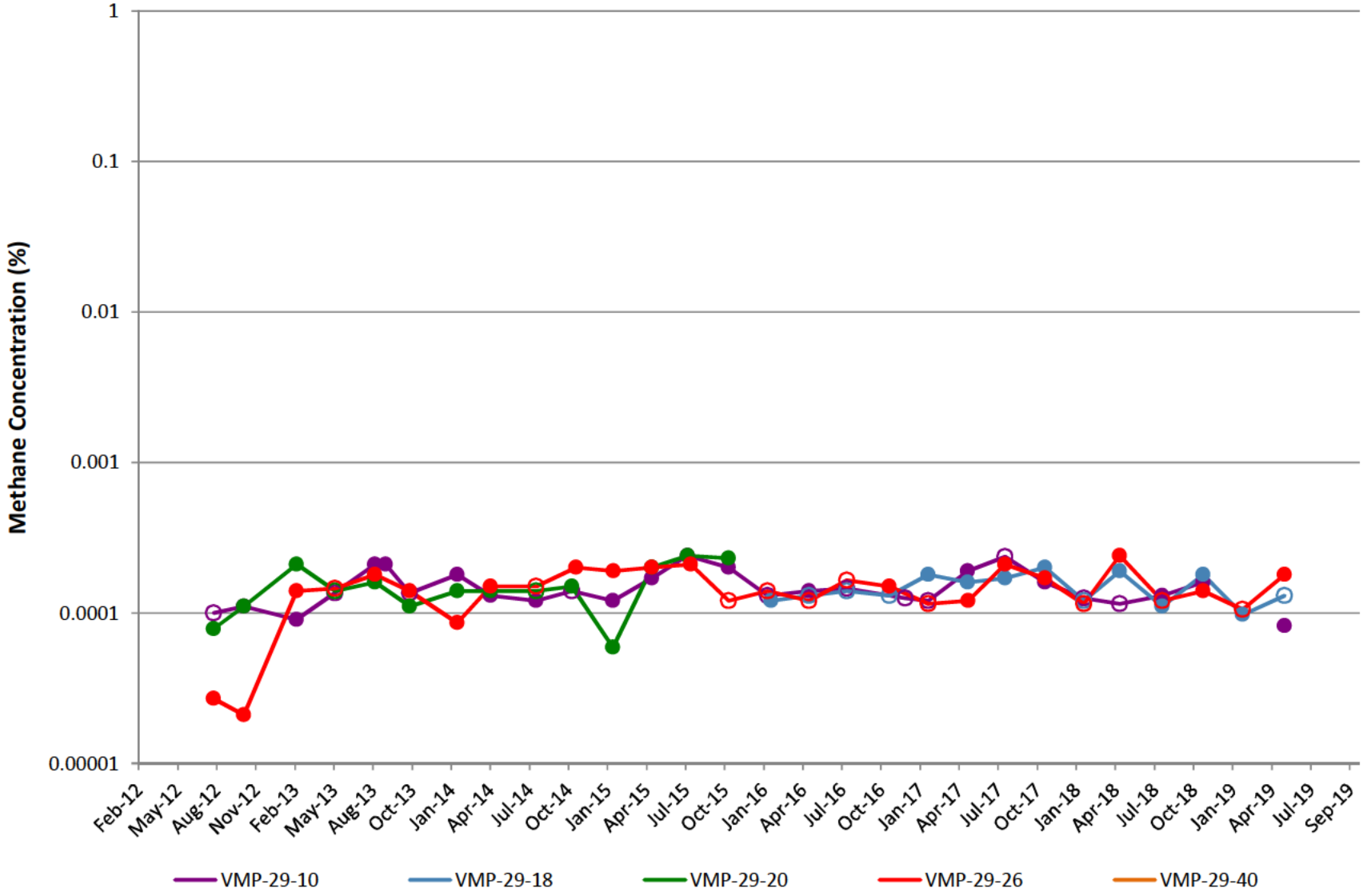
VMP-25

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Gap in plot line indicates sample not able to be collected due to site conditions. Effective 2Q18, samples will no longer be collected at VMP-25-31 due to port integrity.



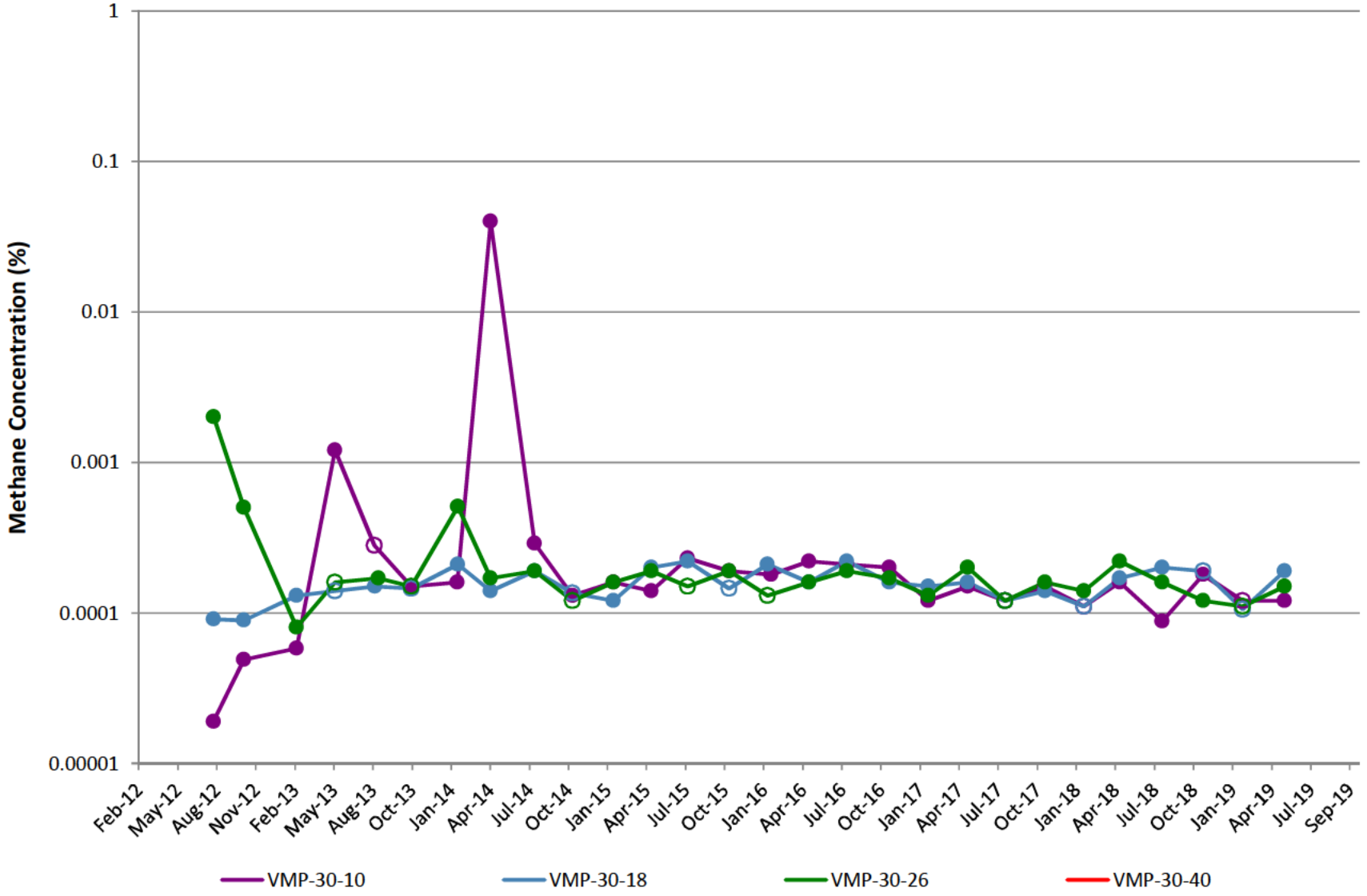
VMP-29

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



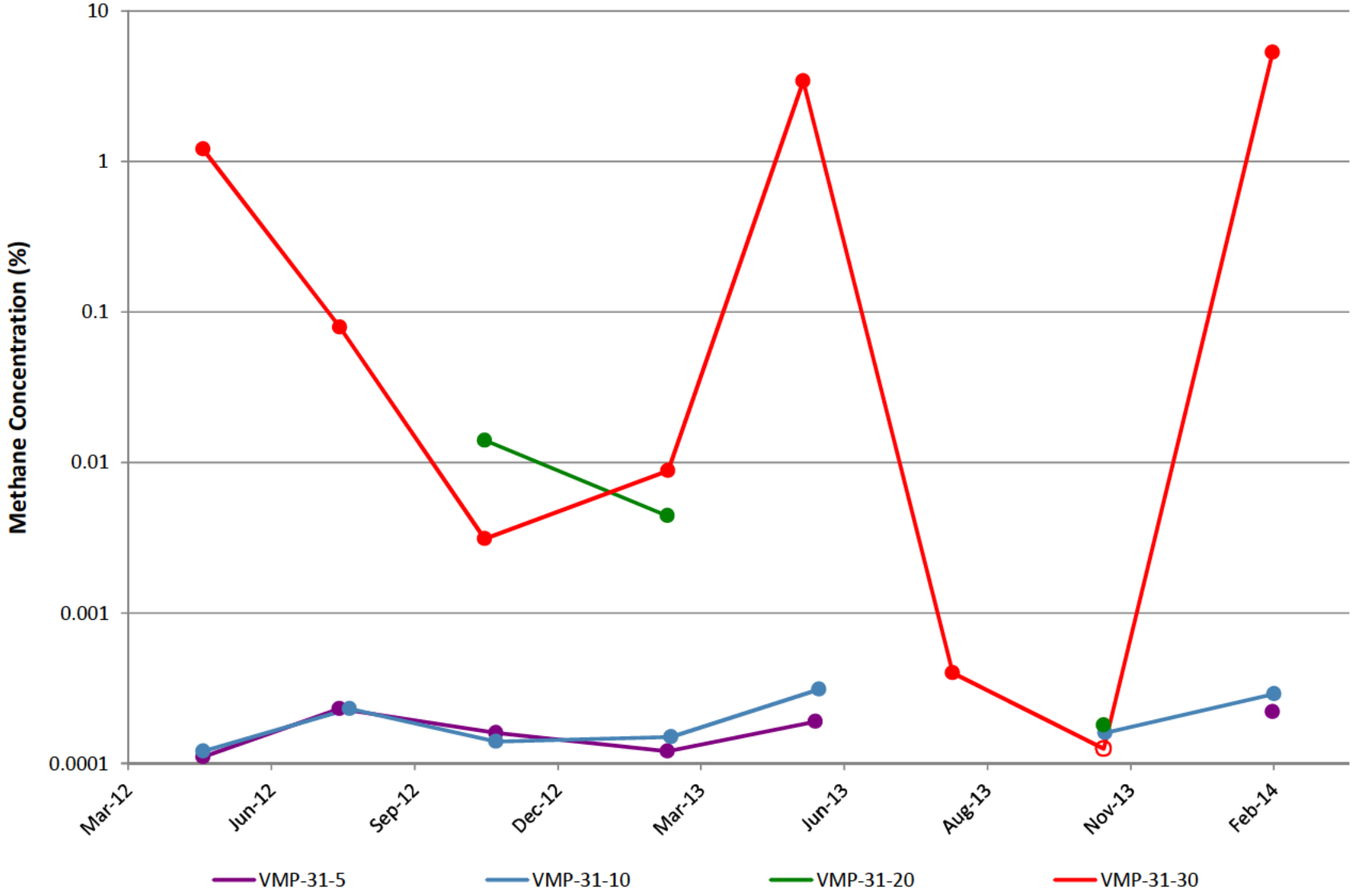
VMP-30

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



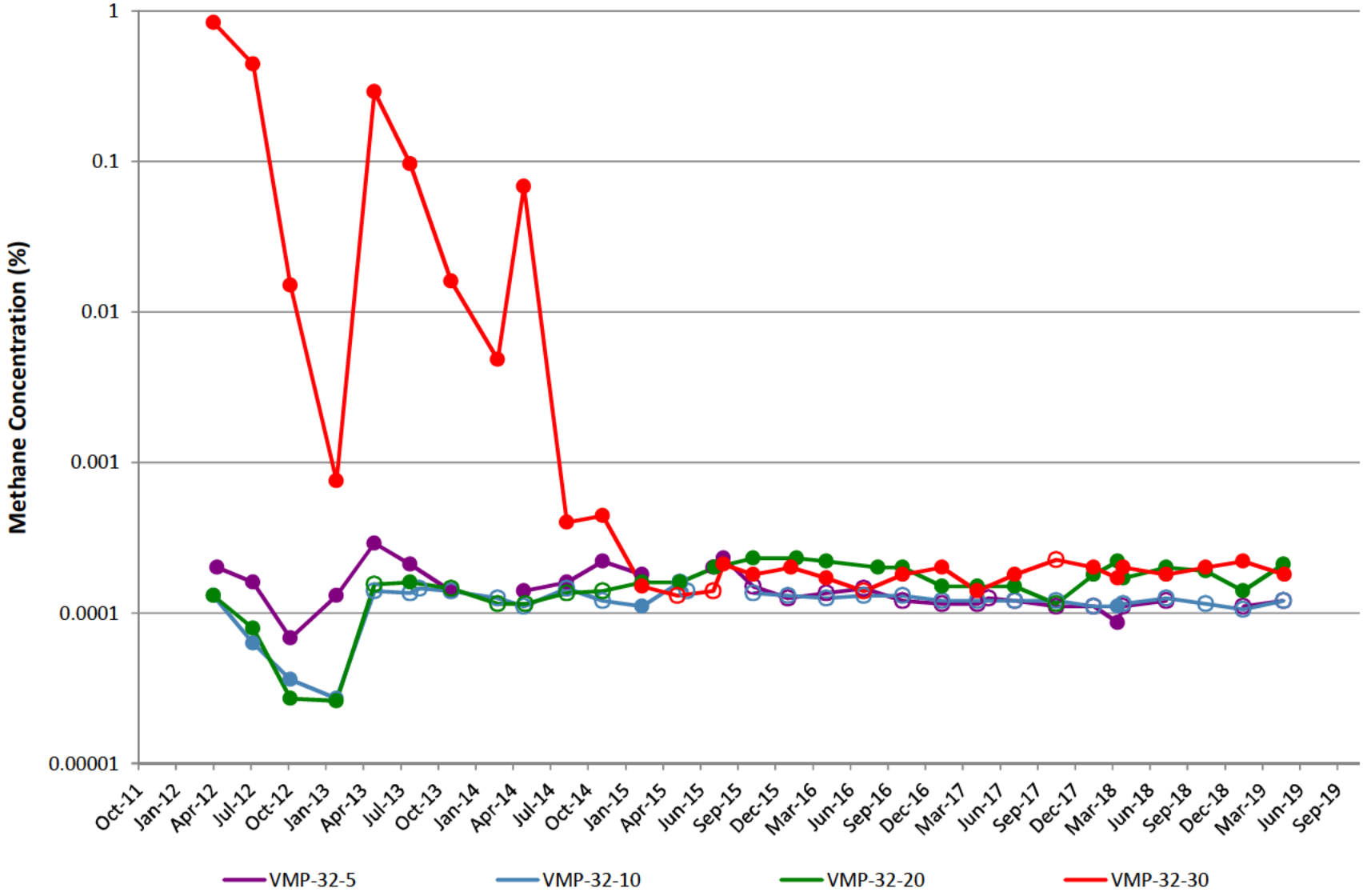
VMP-31

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Gap in plot line indicates sample not able to be collected due to site conditions. VMP-31 was abandoned in 2Q14 after persistent helium issues and replaced by VMP-56.



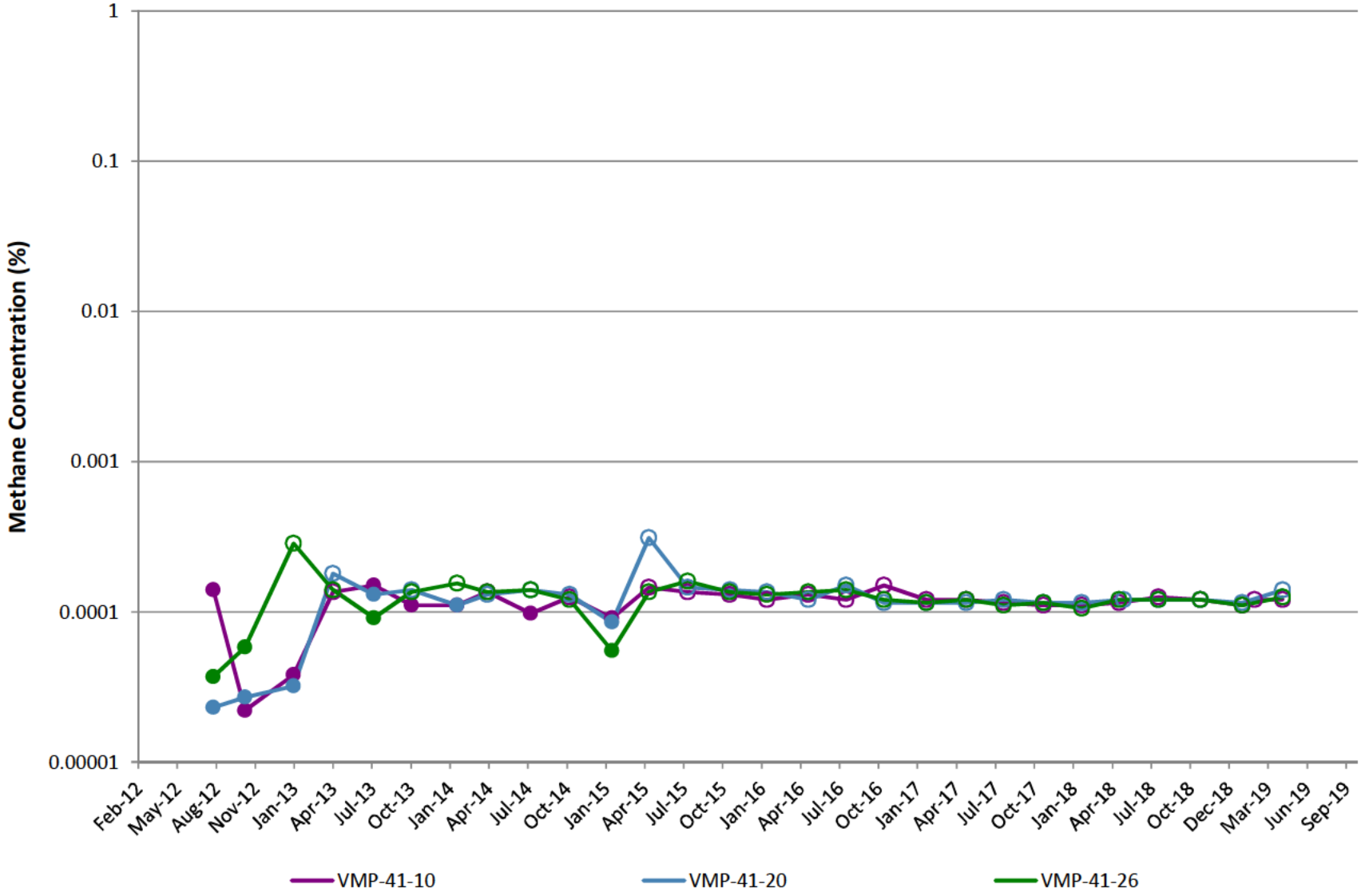
VMP-32

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



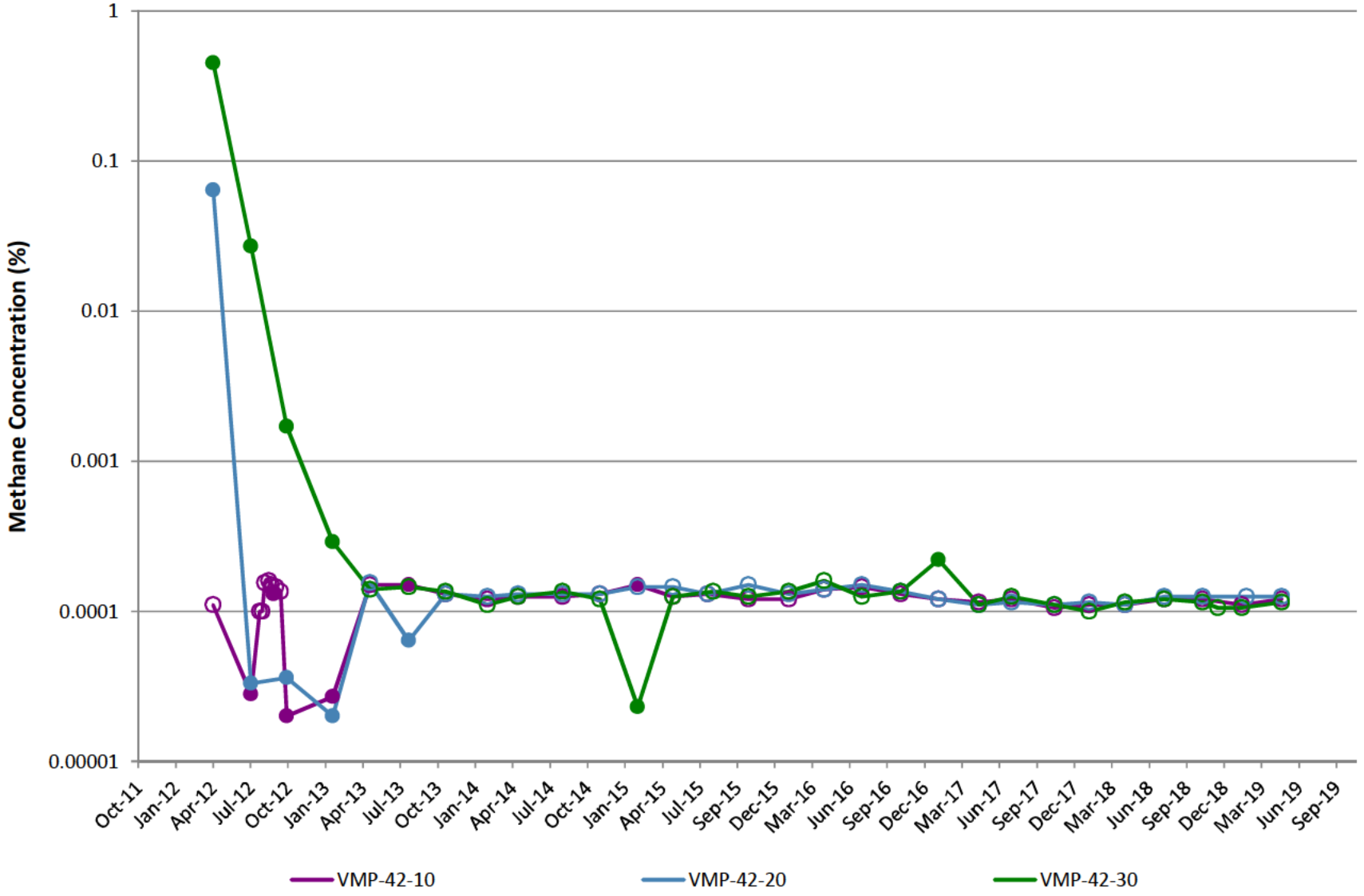
VMP-41

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



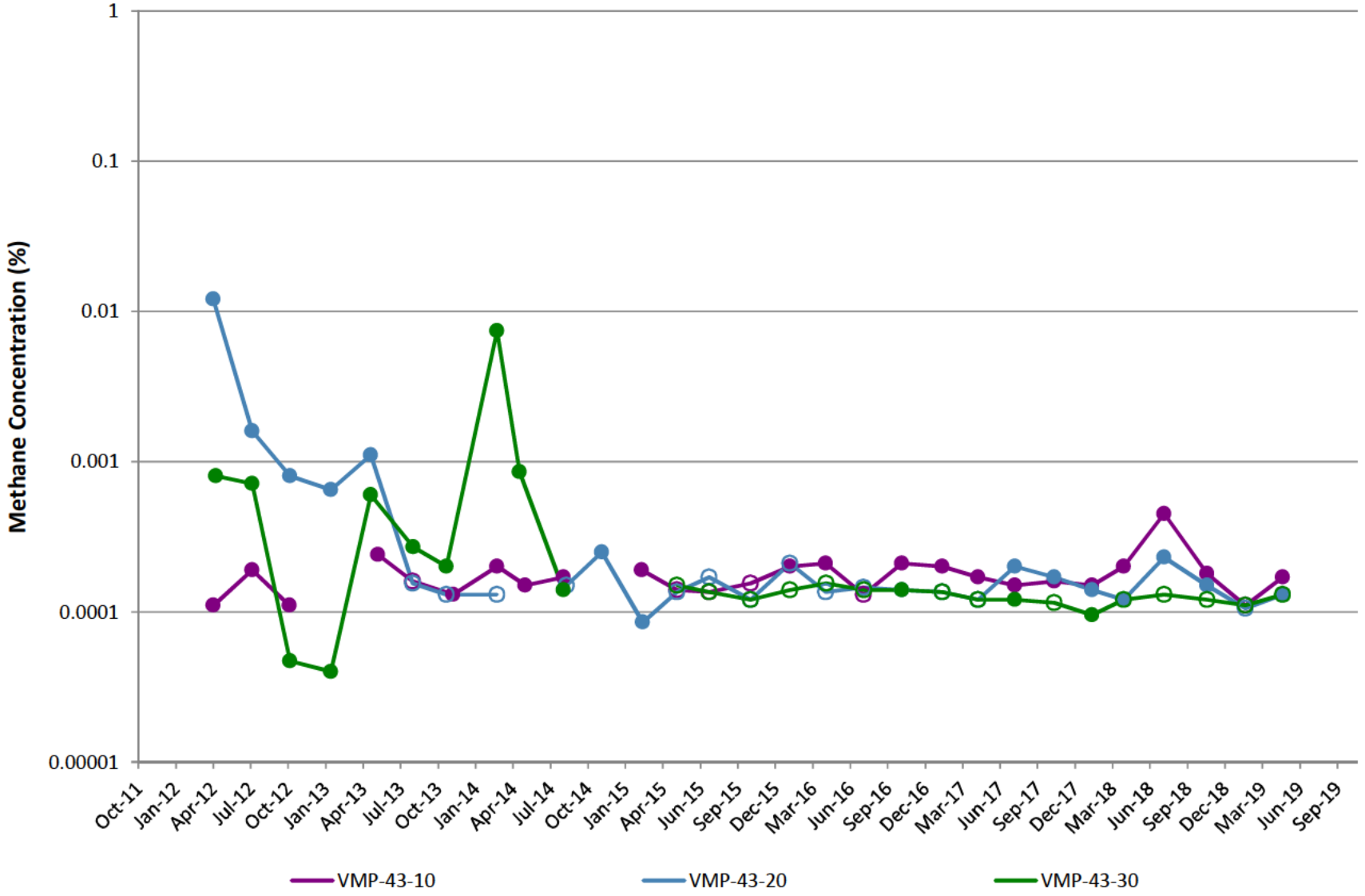
VMP-42

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



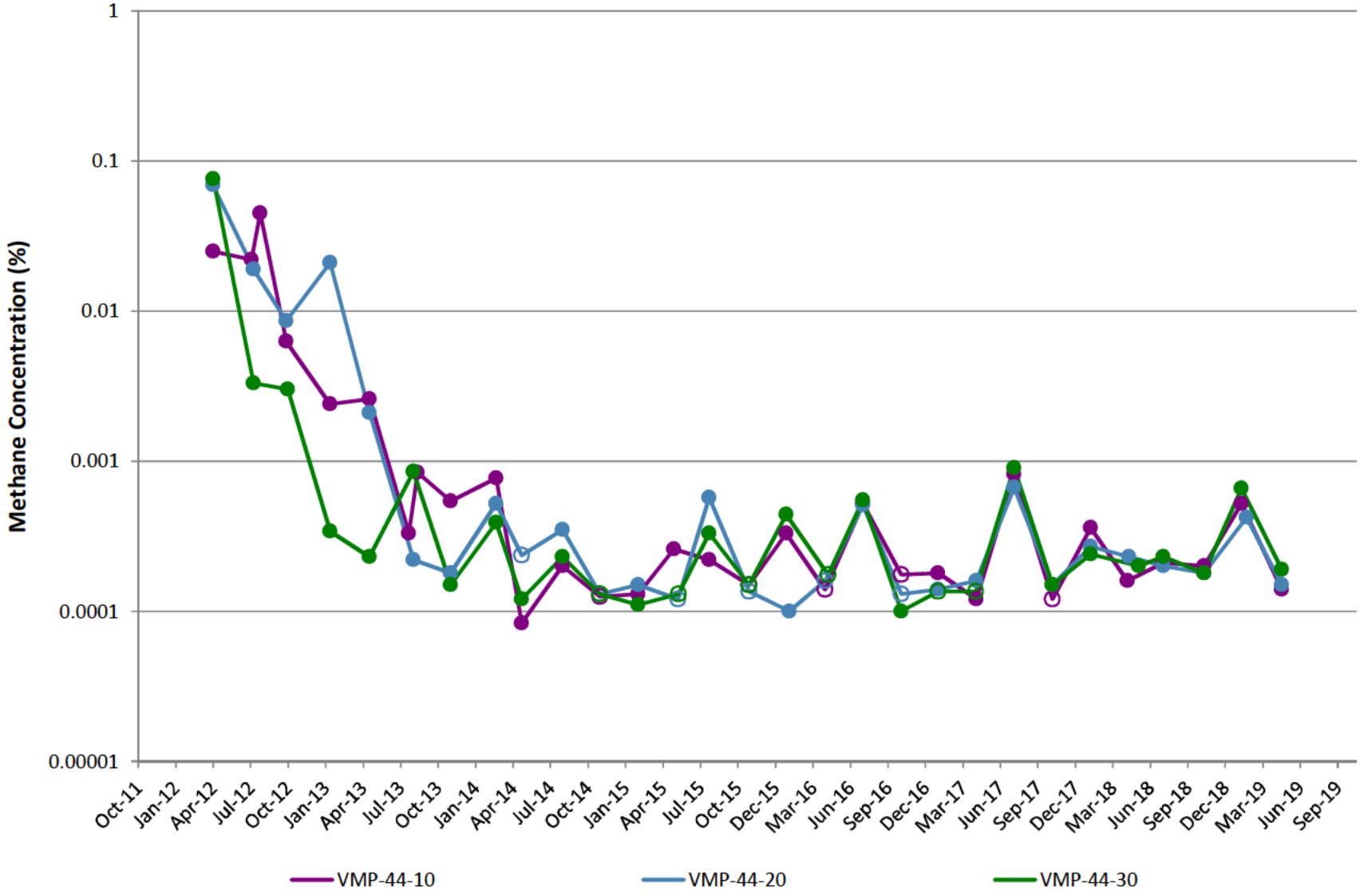
VMP-43

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



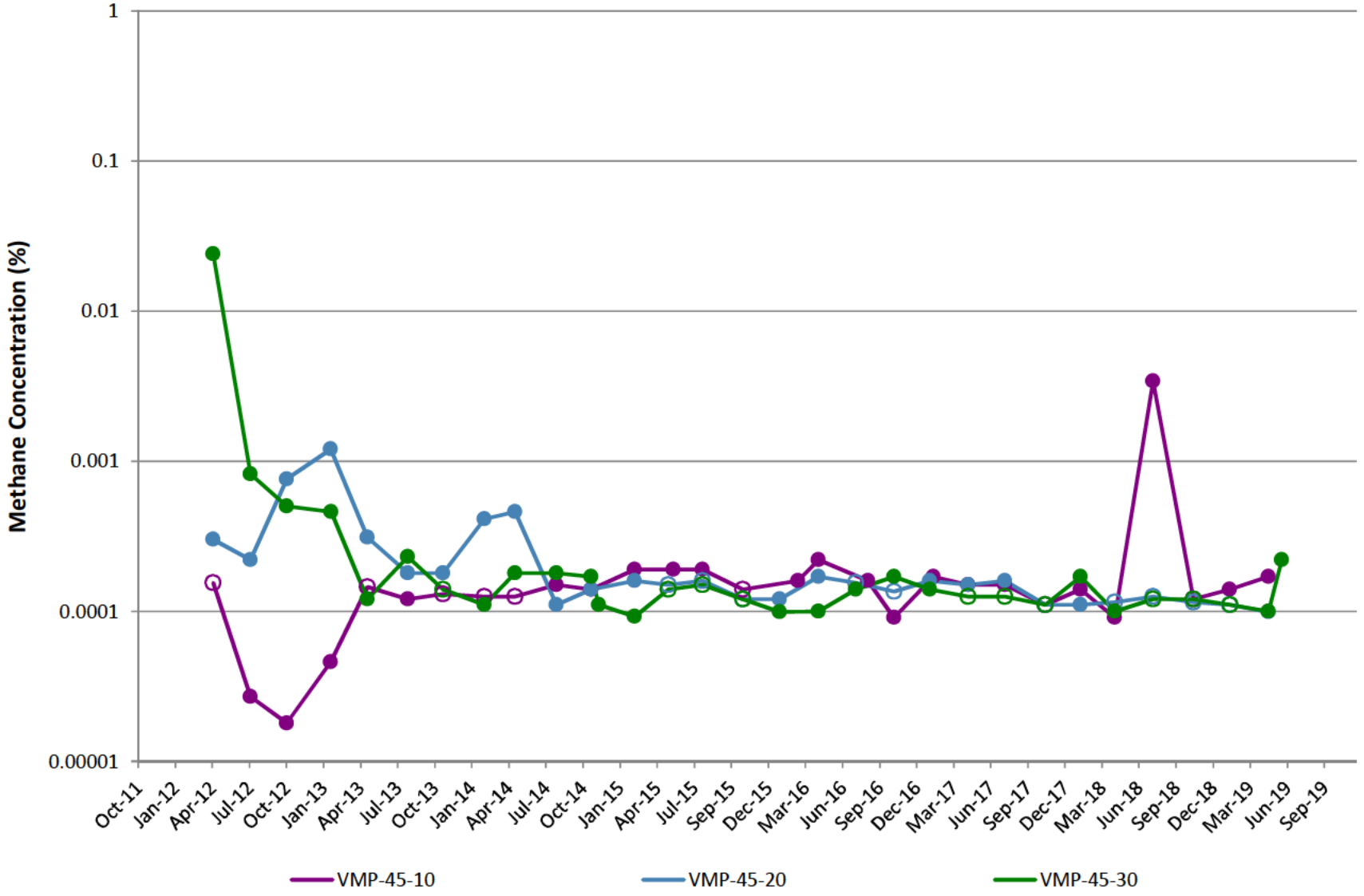
VMP-44

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



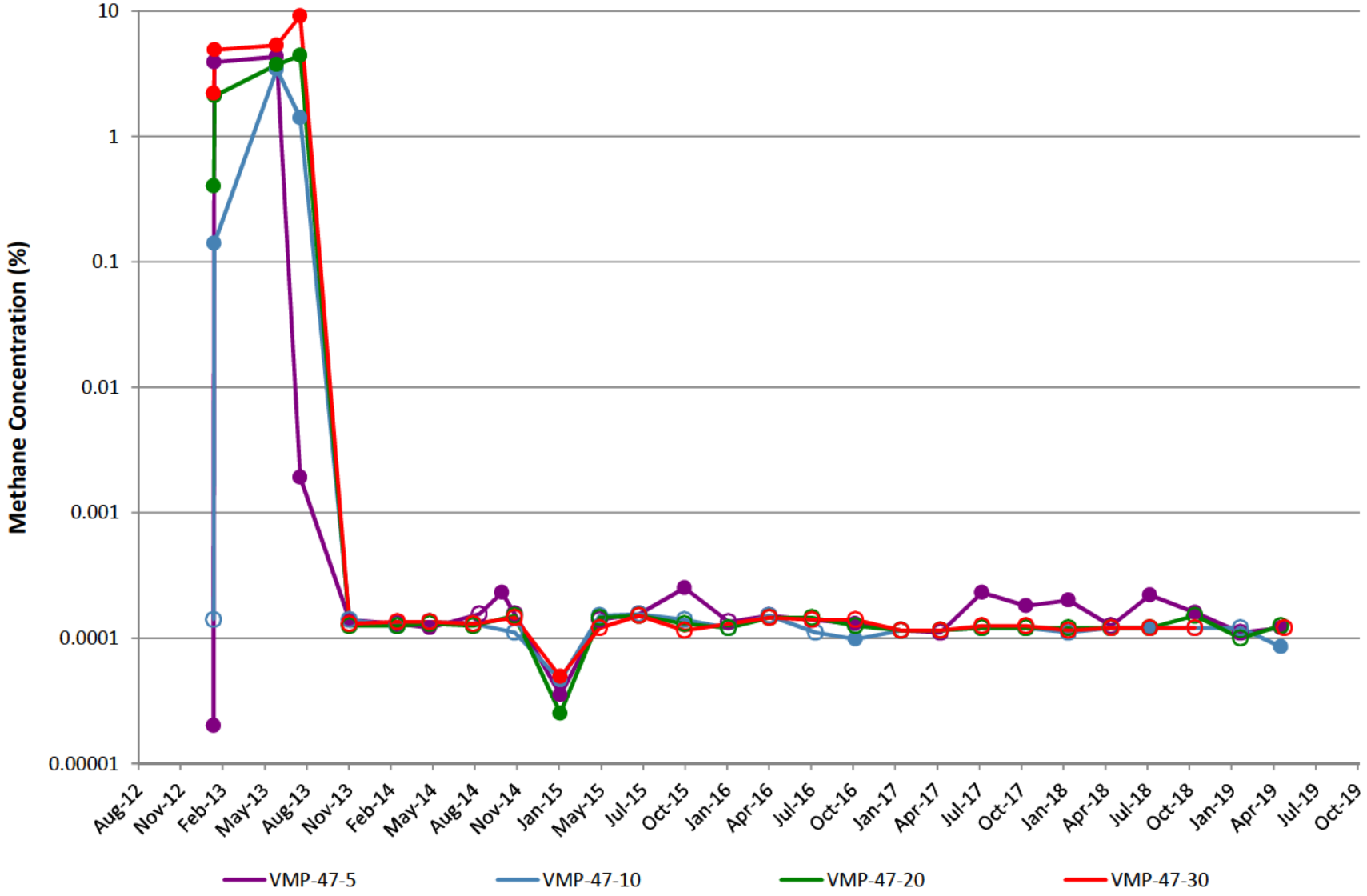
VMP-45

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



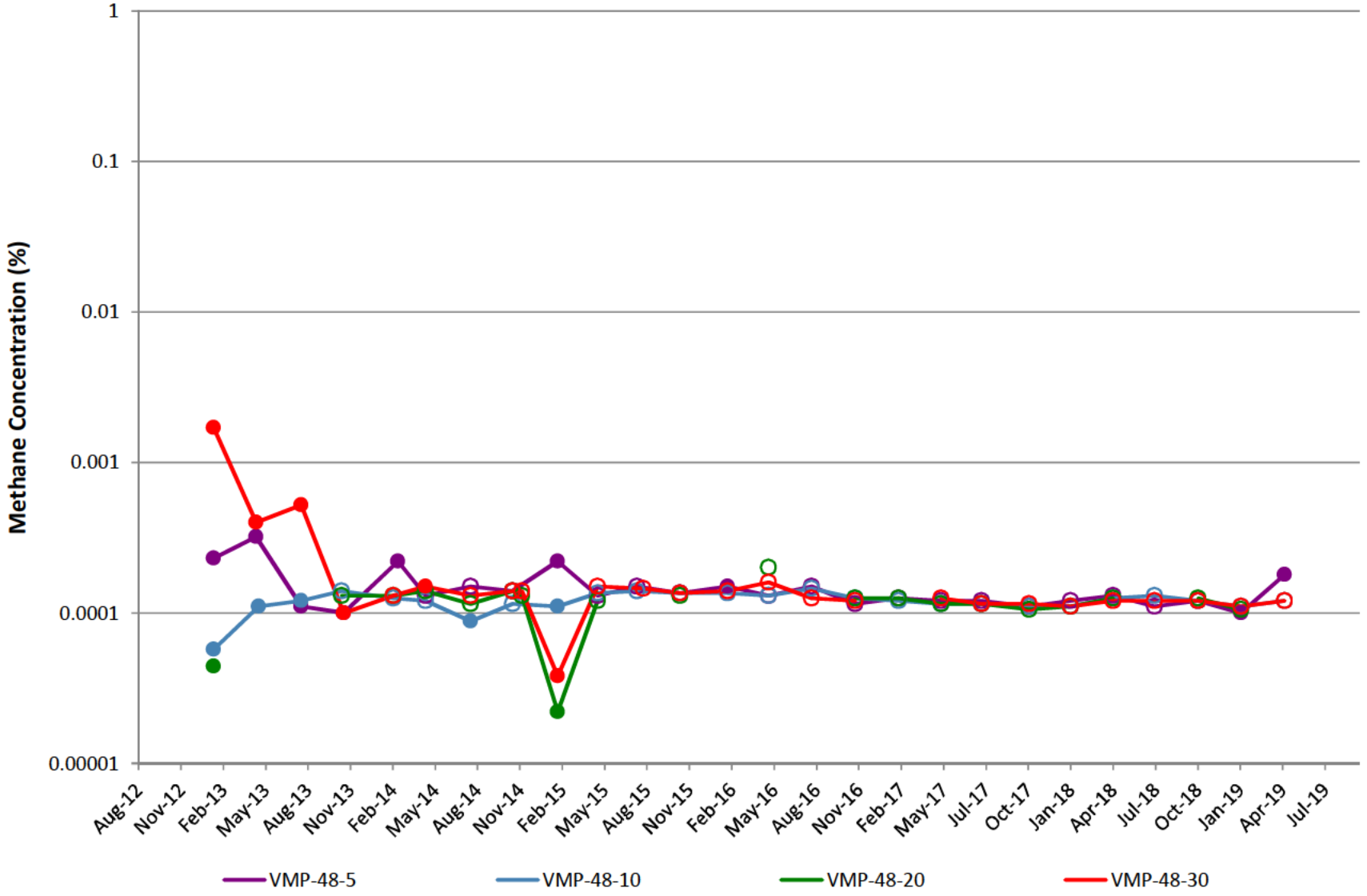
VMP-47

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



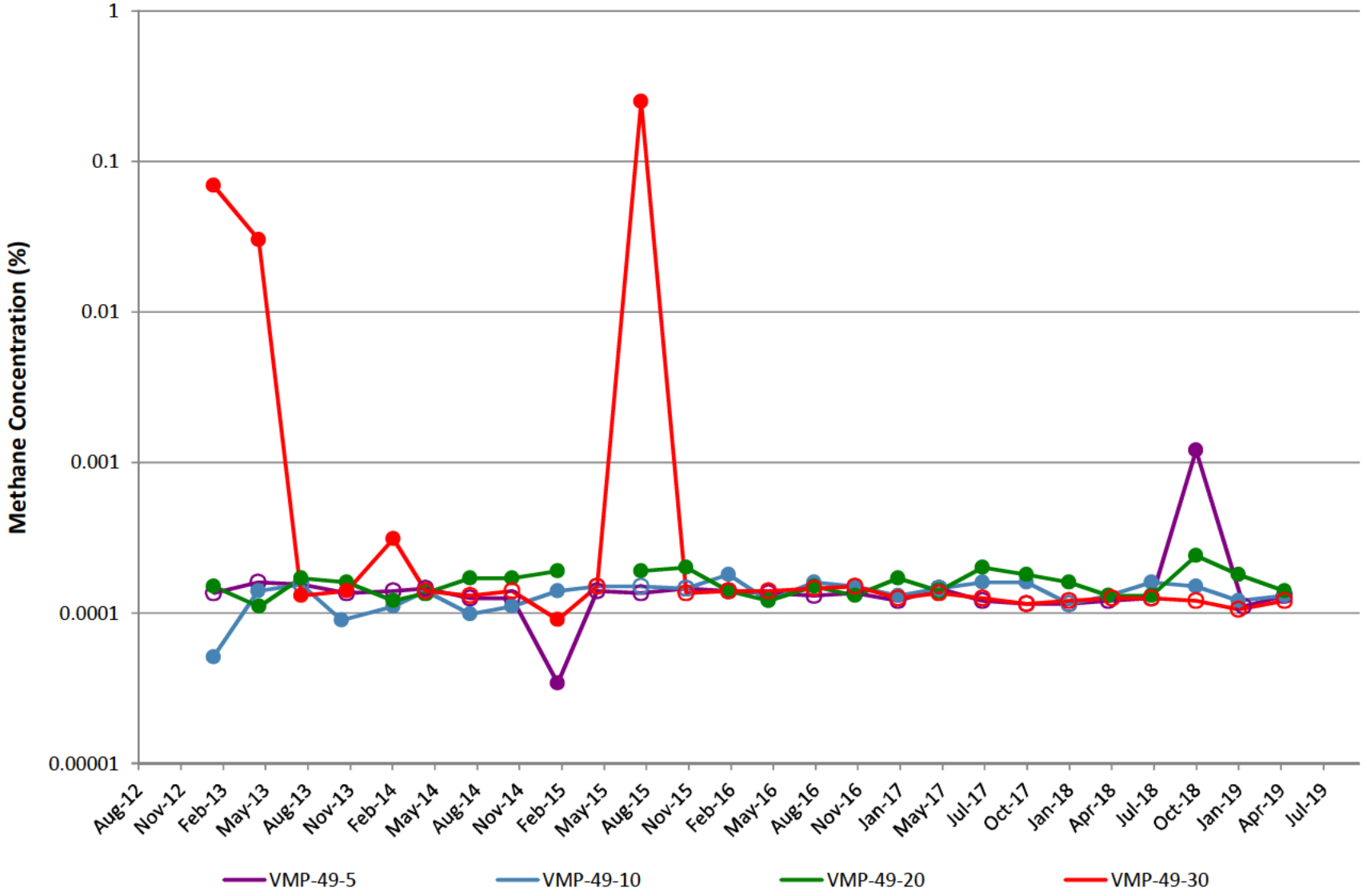
VMP-48

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



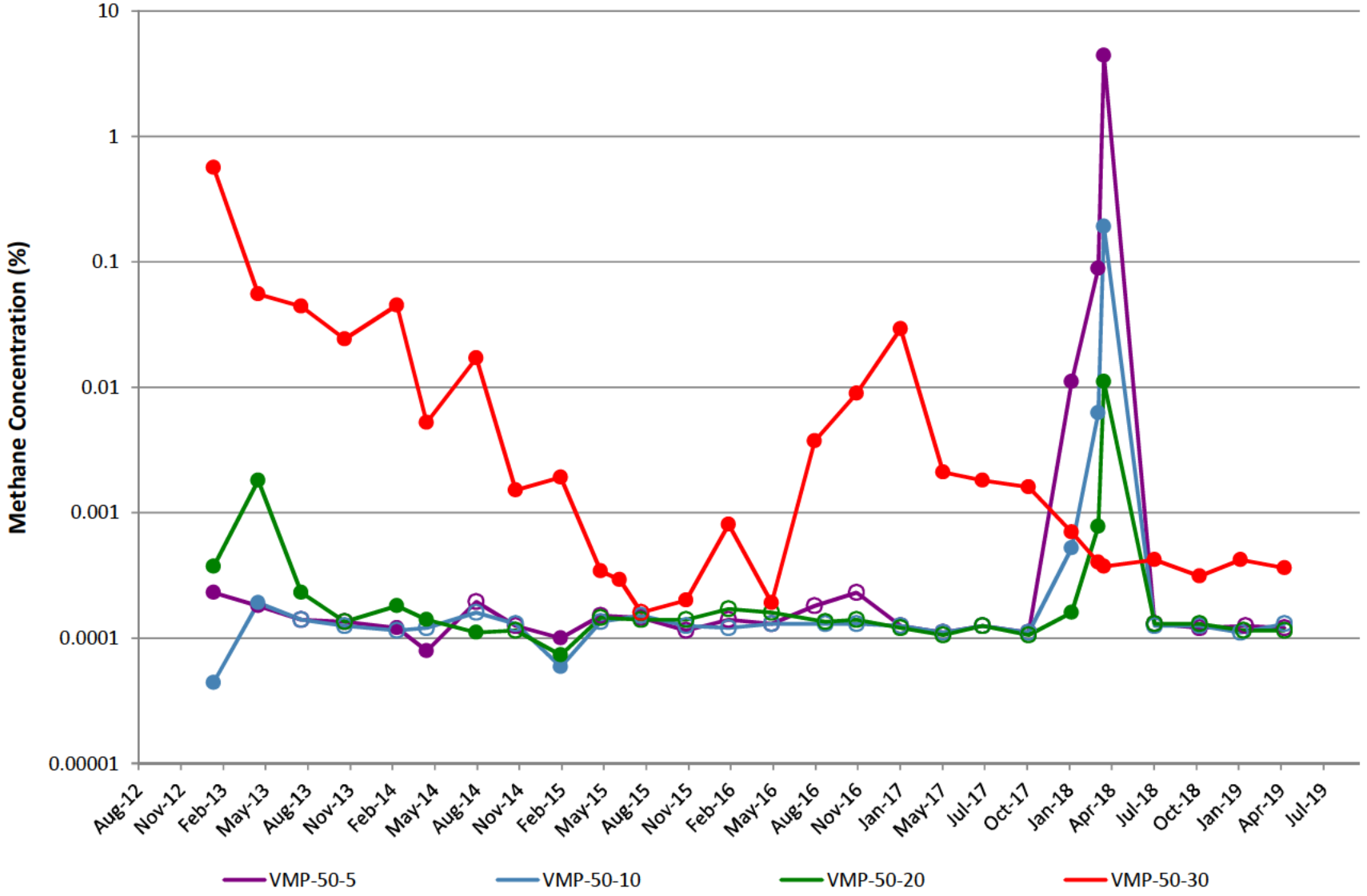
VMP-49

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



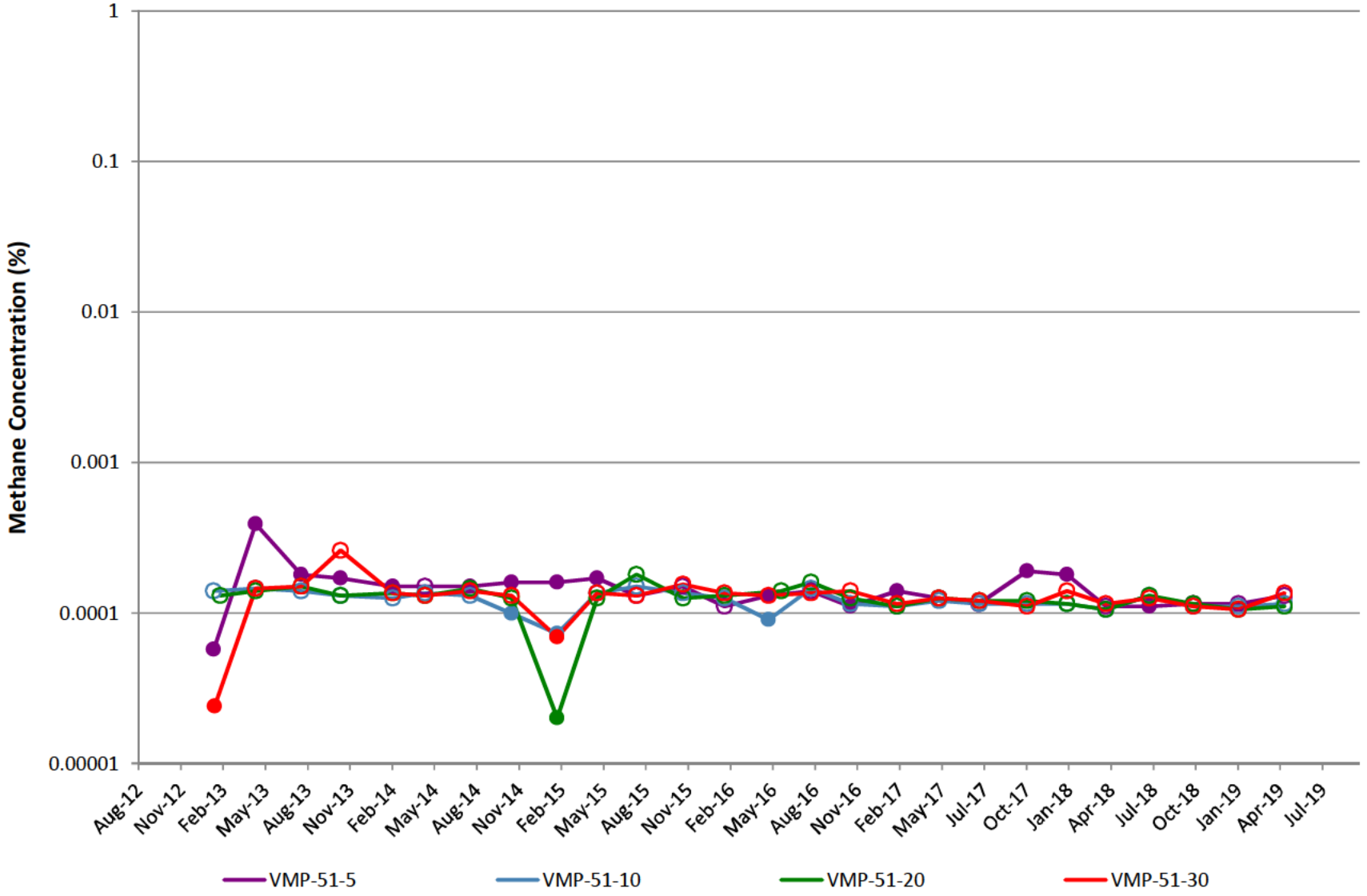
VMP-50

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



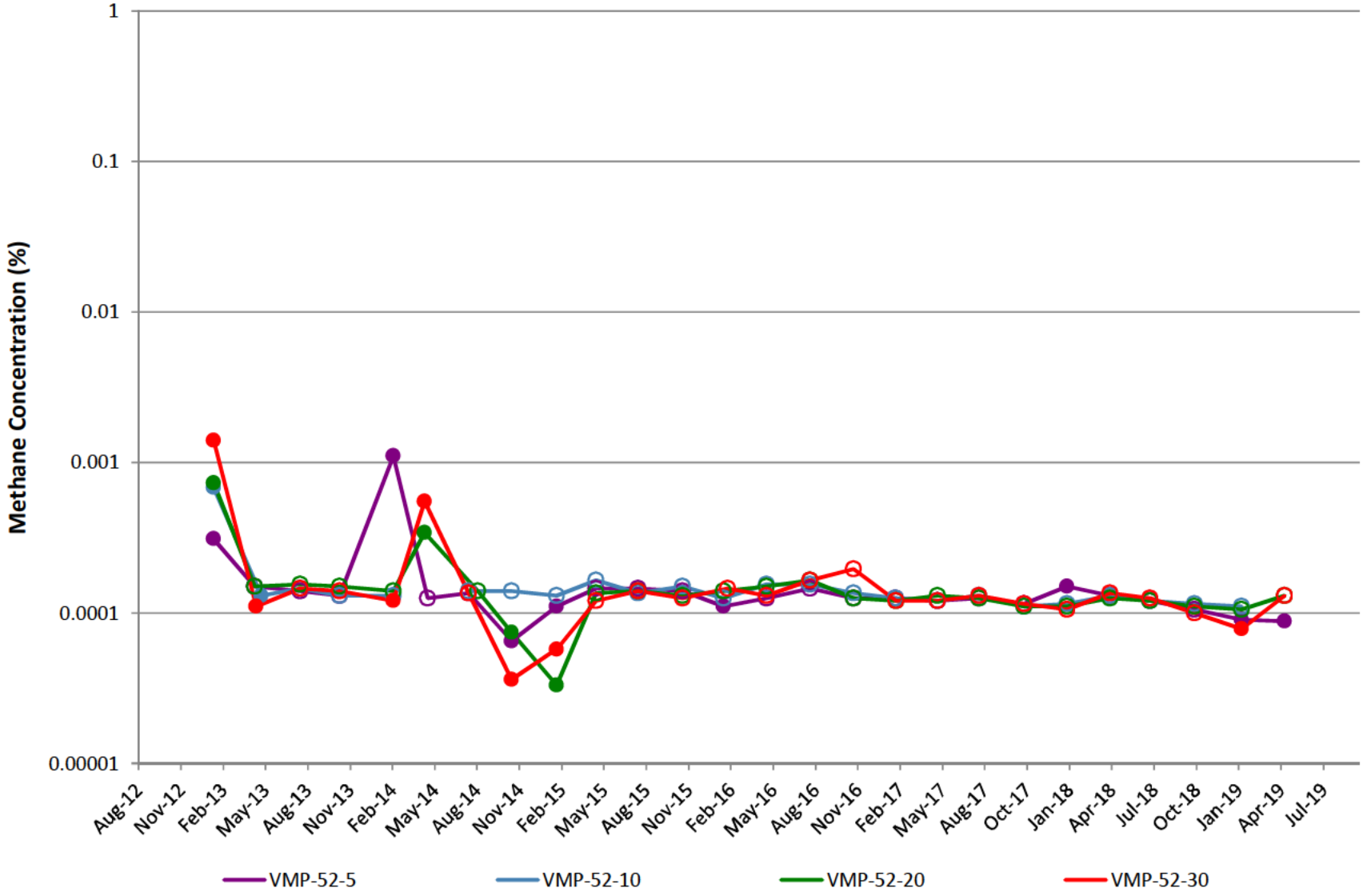
VMP-51

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



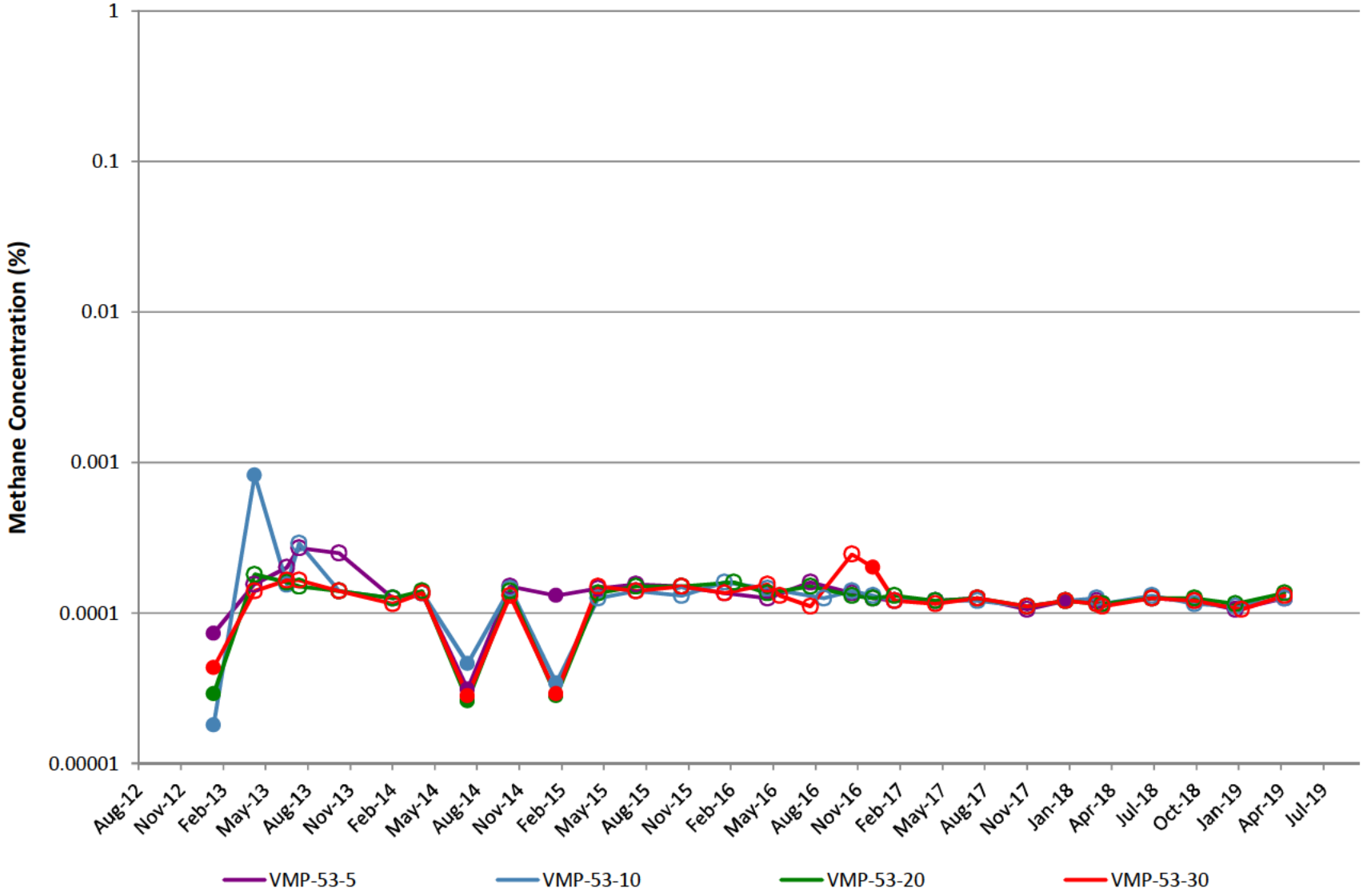
VMP-52

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



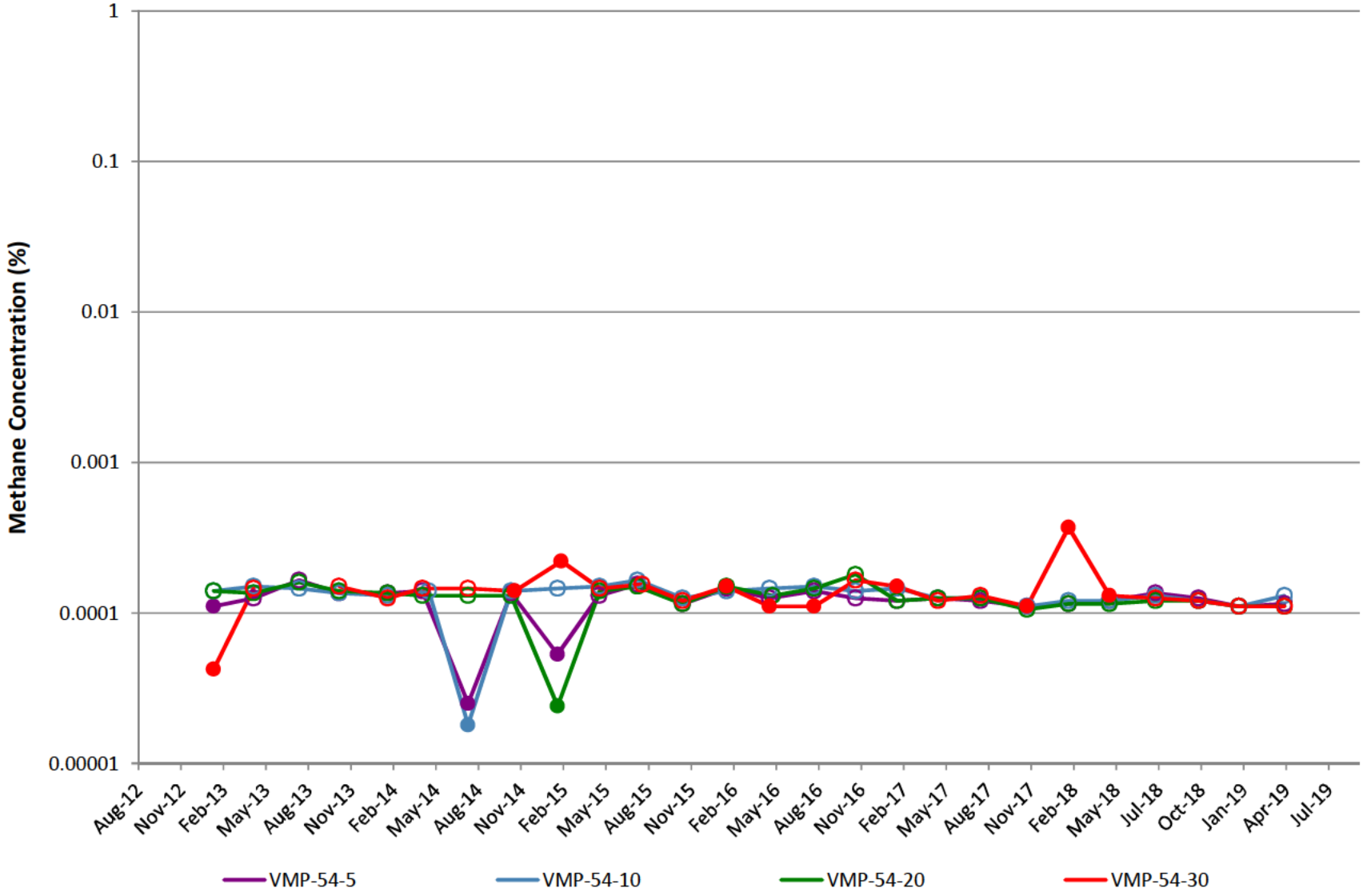
VMP-53

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



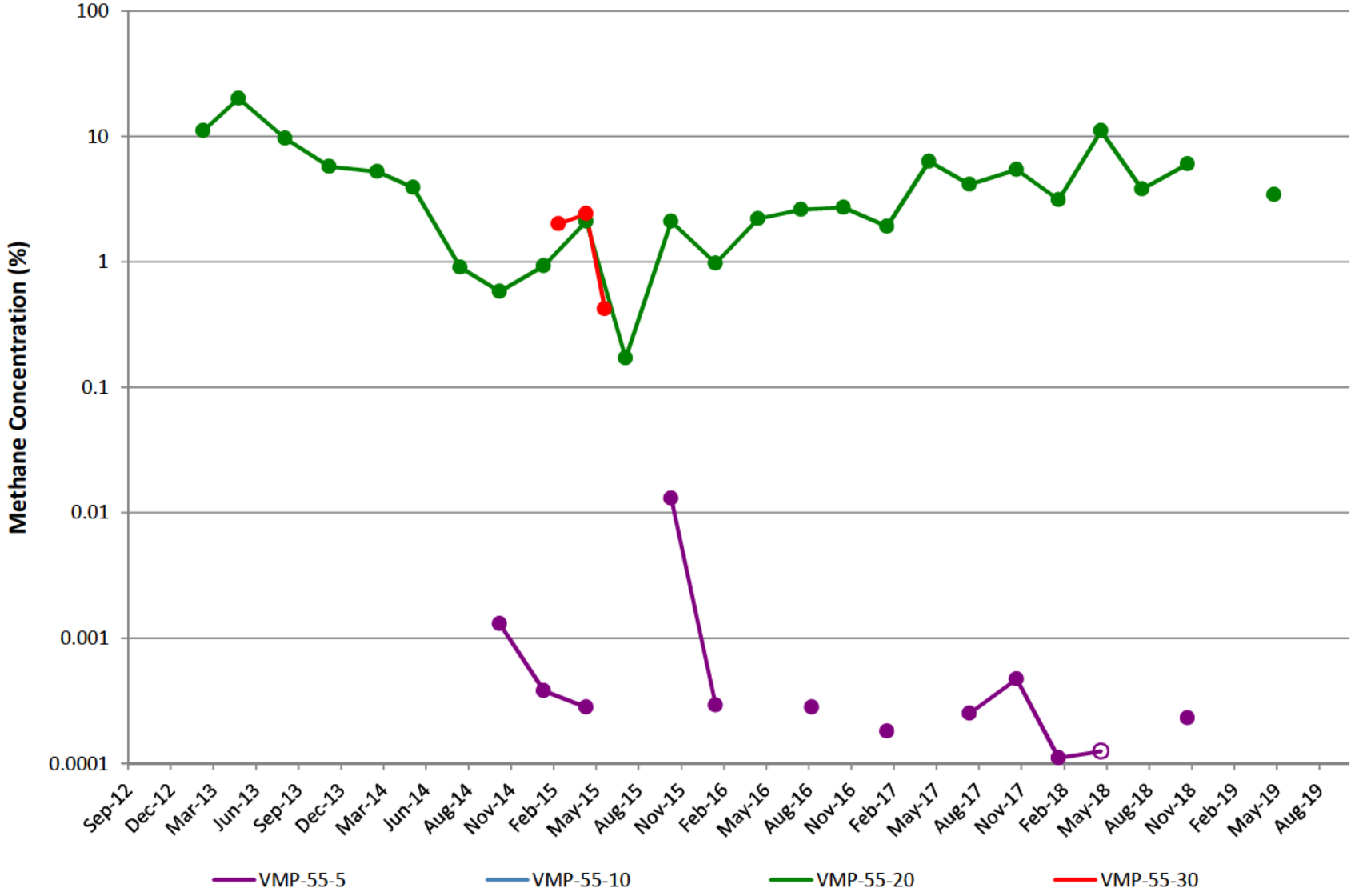
VMP-54

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



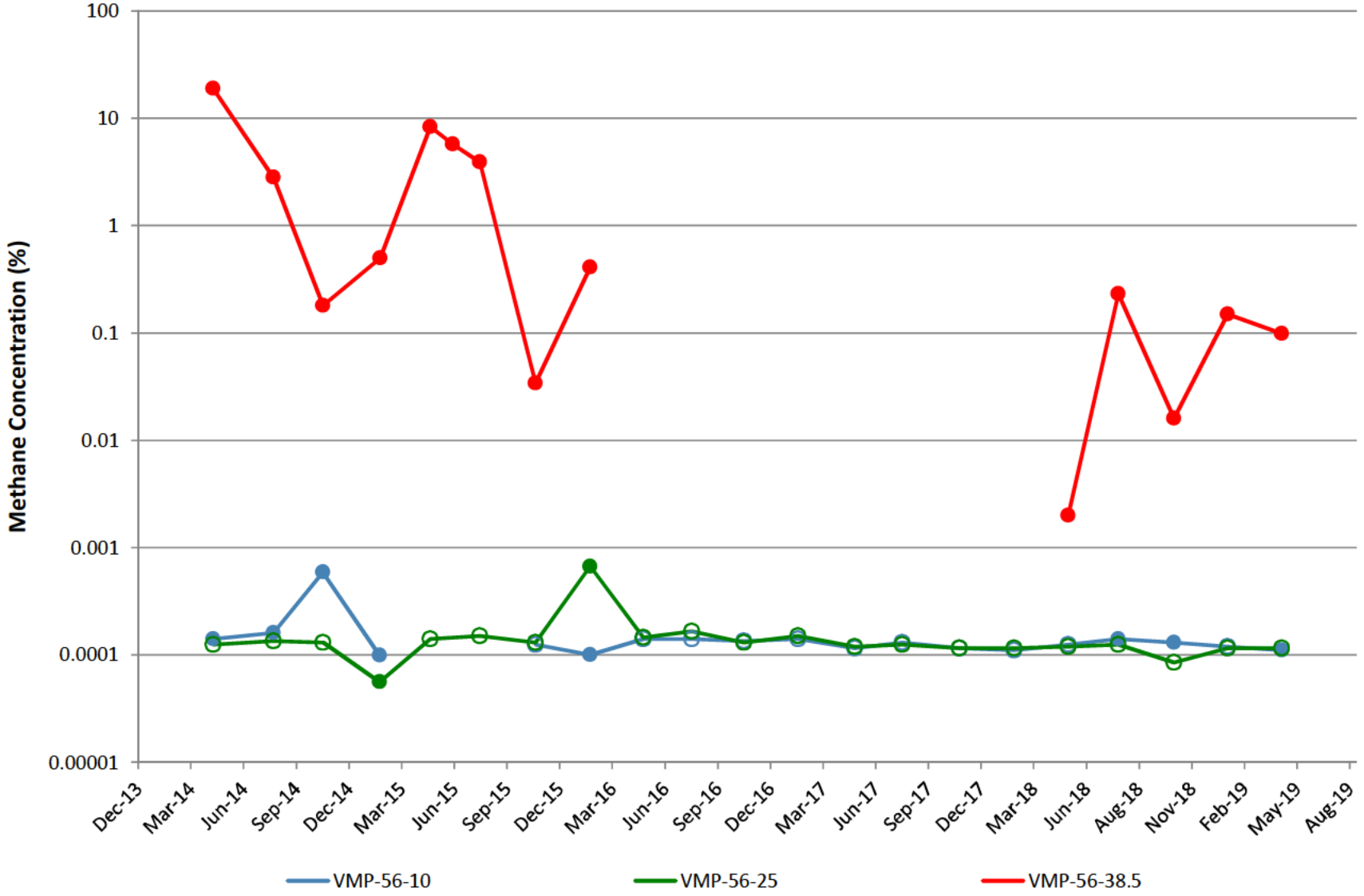
VMP-55

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



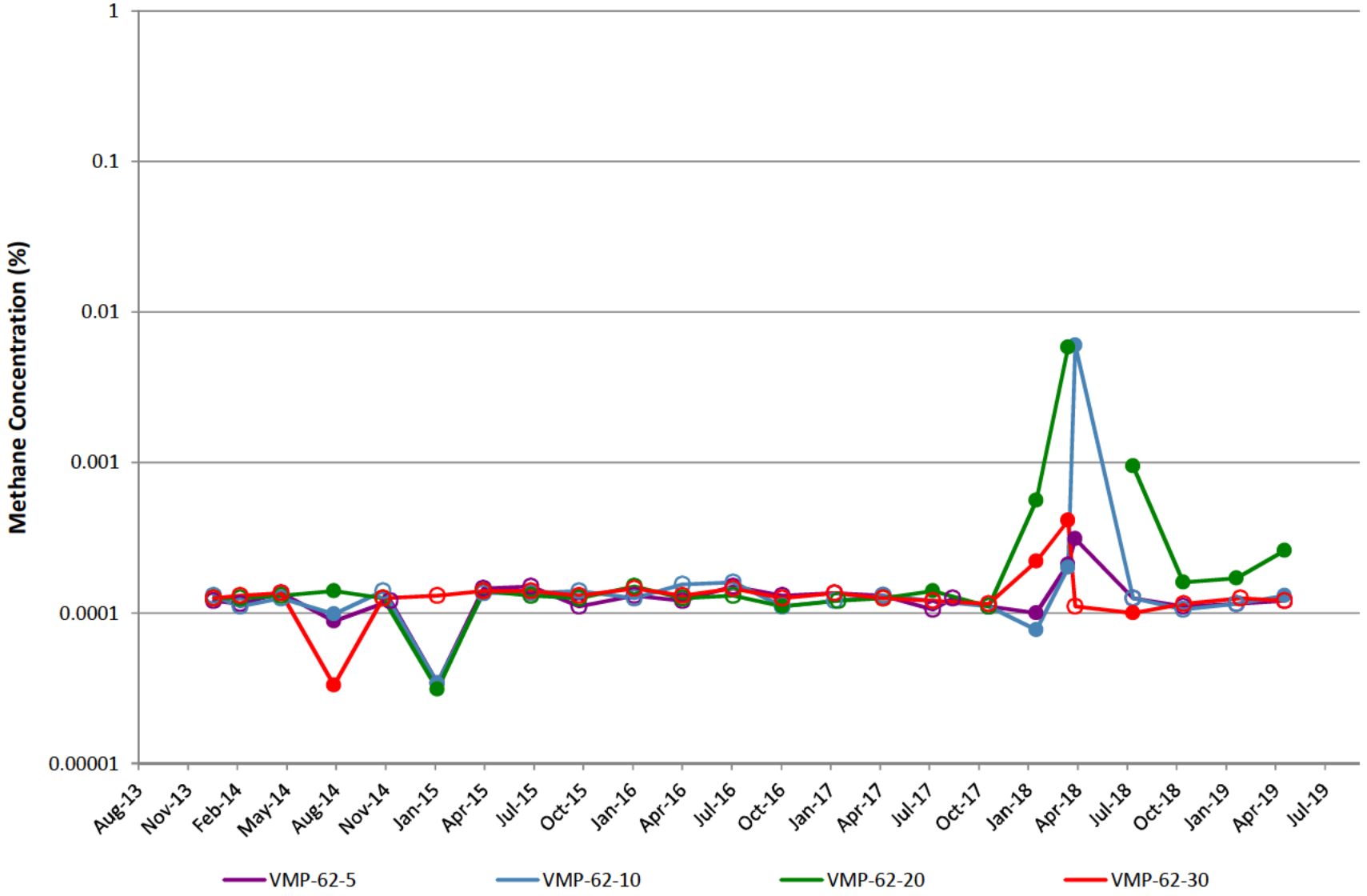
VMP-56

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



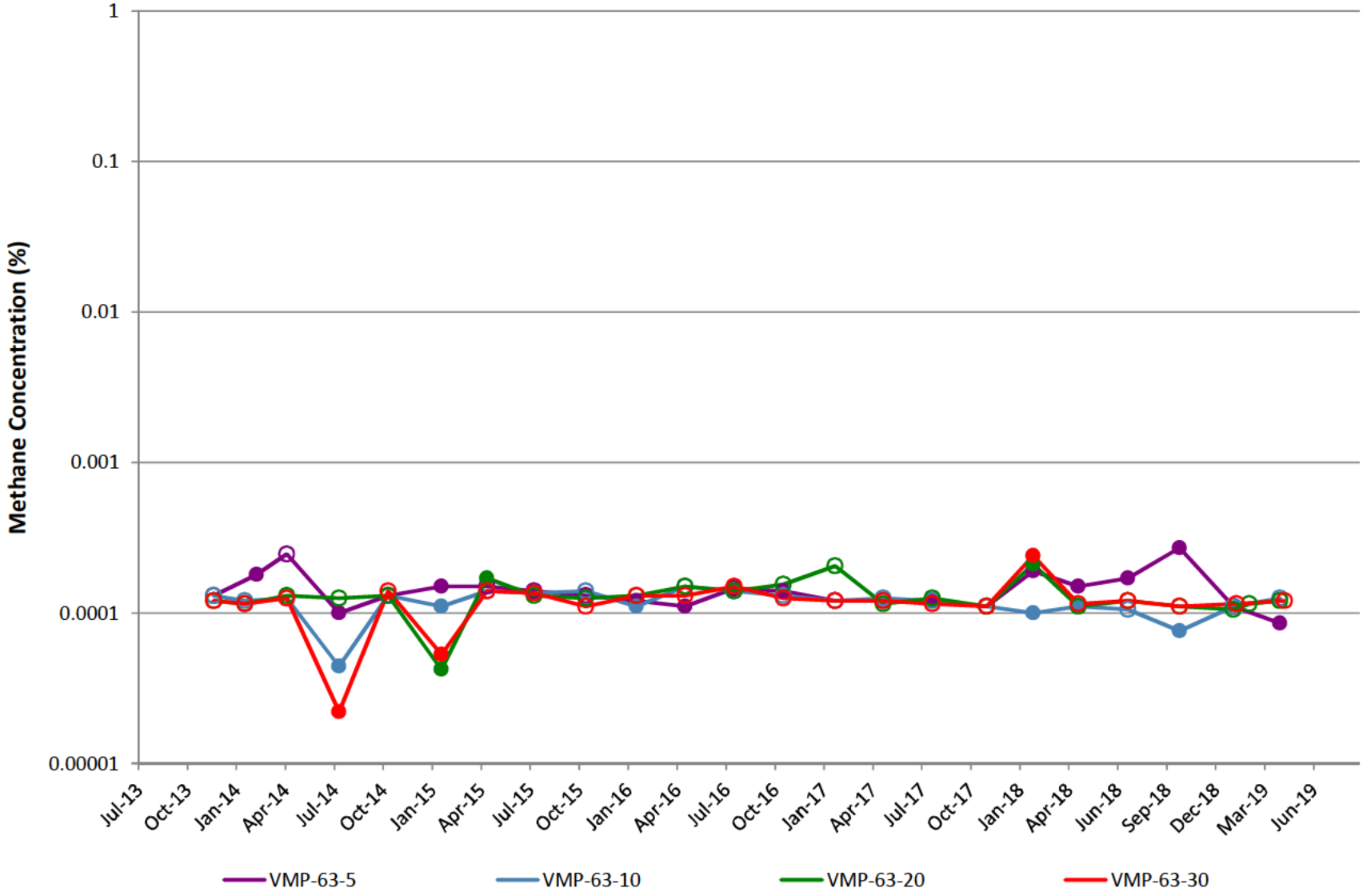
VMP-62

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



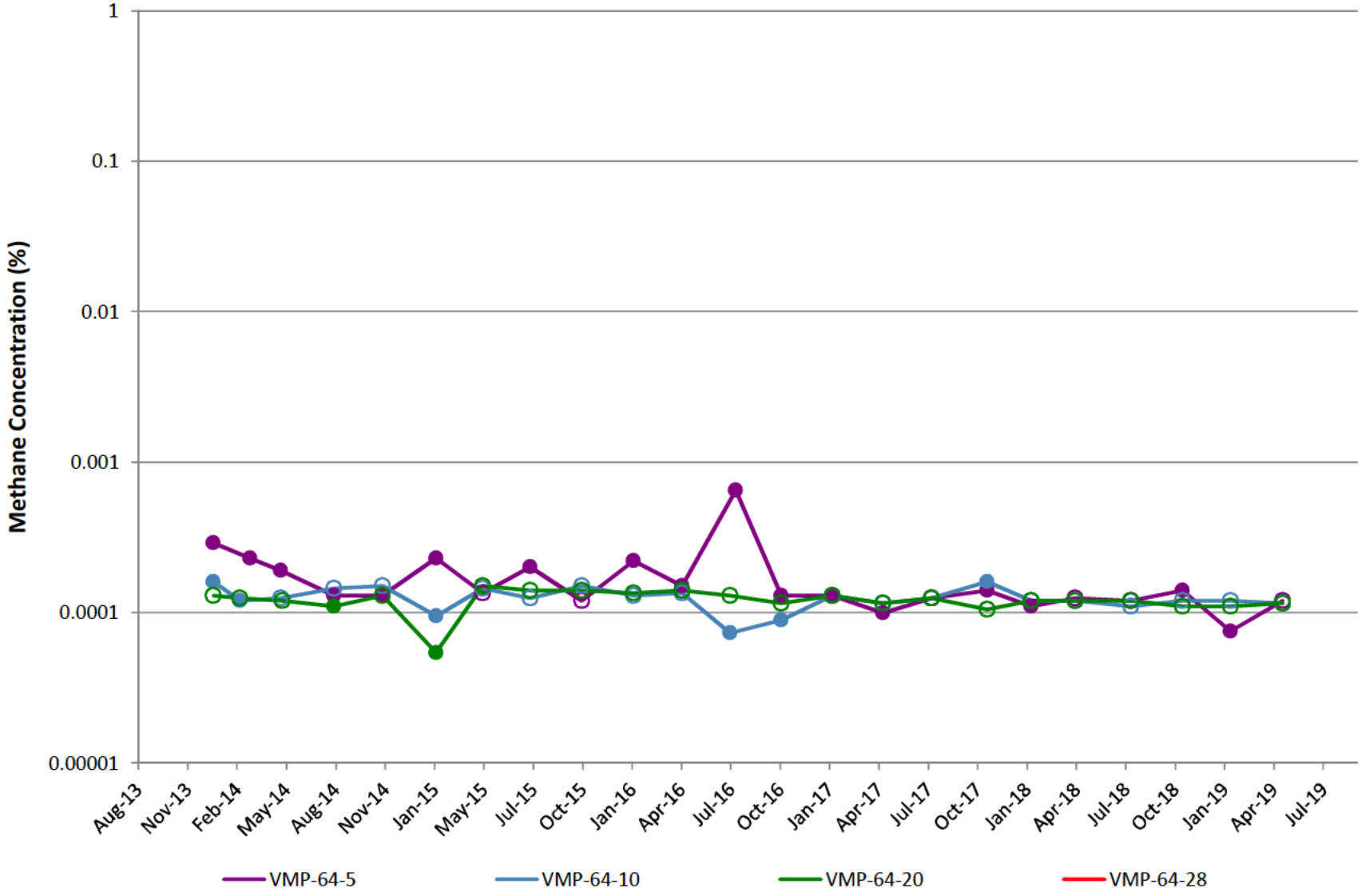
VMP-63

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



VMP-64

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



Appendix B
SVE System Leg Flow Rates

SEE LAST PAGE OF TABLE FOR NOTES

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)
7/3/2018	145	120	133	258	174	0
7/10/2018	150	125	125	241	176	0
7/16/2018	156	91	122	221	176	0
7/24/2018	160	94	128	210	209	0
8/1/2018	155	142	97	210	189	0
8/8/2018	163	147	52	204	209	0
8/14/2018	166	138	51	196	200	0
8/22/2018	169	150	48	186	195	0
8/29/2018	181	155	46	160	206	0
9/5/2018	175	151	57	144	200	0
9/12/2018	175	151	52	152	196	0
9/18/2018	174	149	66	151	177	0
9/25/2018	175	153	65	154	194	0
10/2/2018	173	152	74	166	200	0
10/9/2018	175	155	73	161	185	0
10/17/2018	173	190	77	161	187	0
10/23/2018	174	190	66	160	180	0
11/1/2018	174	187	58	154	188	0
11/6/2018	172	190	67	134	173	0
11/13/2018	153	197	53	162	191	0
11/19/2018	173	179	179	190	181	0
11/28/2018	87	205	221	84	95	0
12/4/2018	166	175	208	150	191	0
12/11/2018	156	180	206	151	179	0
12/18/2018	166	147	202	153	175	0
12/26/2018	164	183	188	154	177	0
1/2/2019	145	95	189	159	135	0
1/8/2019	153	184	190	184	179	0
1/16/2019	161	175	183	198	195	0
1/22/2019	32	149	152	40	148	0
2/1/2019	96	113	183	0	131	0
2/5/2019	148	138	333	209	165	0
2/13/2019	151	168	332	241	187	0
2/19/2019	133	158	340	199	162	0
2/27/2019	146	105	344	186	156	0
3/1/2019	18	211	46	281	195	0
3/7/2019	138	152	344	206	167	0
3/12/2019	146	158	336	186	182	0
3/20/2019	162	136	201	240	198	0
3/27/2019	162	170	188	194	192	0

SEE LAST PAGE OF TABLE FOR NOTES

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)
4/1/2019	177	181	198	191	200	0
4/4/2019	170	178	192	149	173	0
4/9/2019	162	176	184	162	183	0
4/22/2019	162	159	203	132	212	0
5/2/2019	164	161	178	135	202	0
5/8/2019	161	161	169	114	190	0
5/14/2019	176	170	183	108	202	0
5/20/2019	172	161	176	110	192	0
5/29/2019	170	158	158	104	186	0
6/4/2019	173	159	155	111	178	0
6/11/2019	141	129	312	125	152	0
6/19/2019	147	134	326	116	160	0
6/25/2019	151	112	314	134	166	0

[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. AECOM has corrected the previously calculated mass removal to reflect the 0.67 pitot tube coefficient.

[2]The Brown Leg was shut off on December 20, 2017.

[3]The Teal Leg was shut off for maintenance from 1/31/2019 to 2/4/2019.

[4]SVE System was shut down for maintenance from 4/11/2019 to 4/18/2019.

Appendix C
SVE System Operating Efficiency and Maintenance Chronology

APPENDIX C
SVE SYSTEM OPERATING EFFICIENCY

April-19		Hours of Operation	May-19		Hours of Operation	June-19		Hours of Operation
Date	Hours		Date	Hours		Date	Hours	
1	24	24	1	24	24	1	24	24
2	24	24	2	24	24	2	24	24
3	24	24	3	24	24	3	24	24
4	24	24	4	24	24	4	24	23.03
5	24	24	5	24	24	5	24	24
6	24	24	6	24	24	6	24	24
7	24	24	7	24	24	7	24	24
8	24	24	8	24	24	8	24	23.58
9	24	24	9	24	24	9	24	24
10	24	24	10	24	24	10	24	24
11	24	9.38	11	24	24	11	24	24
12	24	0	12	24	24	12	24	24
13	24	0	13	24	24	13	24	24
14	24	0	14	24	23.62	14	24	24
15	24	0	15	24	24	15	24	24
16	24	0	16	24	24	16	24	24
17	24	0	17	24	24	17	24	24
18	24	9.47	18	24	24	18	24	24
19	24	24	19	24	24	19	24	22.72
20	24	24	20	24	24	20	24	24
21	24	24	21	24	23.42	21	24	24
22	24	24	22	24	24	22	24	24
23	24	24	23	24	24	23	24	24
24	24	24	24	24	24	24	24	24
25	24	23.33	25	24	24	25	24	24
26	24	24	26	24	24	26	24	23.58
27	24	24	27	24	24	27	24	24
28	24	24	28	24	24	28	24	24
29	24	24	29	24	24	29	24	24
30	24	24	30	24	24	30	24	24
			31	24	24			
Totals	**720**	**546.18**	**Totals**	**744**	**743.04**	**Totals**	**720**	**716.91**
% Up Time		**75.86%**	**% Up Time**		**99.87%**	**% Up Time**		**99.57%**

APPENDIX C
SVE SYSTEM OPERATING EFFICIENCY AND MAINTENANCE CHRONOLOGY

- **April 1, 2019–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **April 8, 2019–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **April 11, 2019–** Shut down SVE system to allow it to cool prior to annual Preventative Maintenance Evaluation (PME).

- **April 12, 2019–** Gross Mechanical removed a portion of the natural gas line elbow and capped off both ends in preparation for PME.

- **April 15, 2019–** Drained condensate from both system compressors and performed bubble test on natural gas line. Replaced two high temperature thermocouples and replaced poppet valve oil injector.

- **April 17, 2019–** Both poppet valve assemblies replaced and adjusted.

- **April 18, 2019–800 hour maintenance -** Replaced both WFL and PW VLS filters, replaced blower pre-filter, replace combustion filter and greased all system fittings. Gross Mechanical reattached the natural gas line elbow. Restarted SVE system after completion of PME.

- **April 19, 2019**– Replaced system data card and tested AST, VLS and process room floats.

- **April 22, 2019–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **April 25, 2019–** Adjusted proximity switch on the poppet valves.

- **April 29, 2019–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **May 1, 2019–** Tightened SVE-24 valve body.

- **May 3, 2019–** Cleaned both PW and WFL VLS float systems and housings.

- **May 6, 2019–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **May 8, 2019–** Closed SVE-45.

- **May 10, 2019–** Adjusted SVE-45 to 25% open. Adjusted SVE-24 and SVE-27 from 100% to 75% open.

- **May 13, 2019–** Drained condensate from both system compressors and performed bubble test on natural gas line.

APPENDIX C
SVE SYSTEM OPERATING EFFICIENCY AND MAINTENANCE CHRONOLOGY

- **May 14, 2019– 800 hour maintenance -** Replaced both WFL and PW VLS filters, replaced blower pre-filter, replaced combustion filter, greased all system fittings and replaced system data card. Tested AST, VLS and process room floats.

- **May 17, 2019–** Cleaned both PW and WFL VLS float systems and housings.

- **May 20, 2019–** Drained condensate from both system compressors and performed bubble test on natural gas line. PSI replaced the cover gasket on the Champion brand air compressor.

- **May 24, 2019–** Adjusted SVE-45 from 25% to 50% open.

- **May 28, 2019–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **May 30, 2019–** Adjusted SVE-24 and SVE-27 from 75% to 100% open.

- **June 3, 2019–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **June 4, 2019–** Closed SVE-45.

- **June 5, 2019–800 hour maintenance -** Replaced WFL filter and pre-filters, PW VLS pre-filter, replaced blower filter and pre-filter, replaced combustion filter, greased all system fittings, changed blower oil and replaced system data card. Tested AST, VLS and process room floats. Cleaned both WFL and PW VLS units, and checked system fan and blower belts. Rotary air compressor coolant changed, air/oil separator replaced, coolant filter replaced, and air filter replaced. Replaced LEL sample port. Opened SVE-17 to from 0% to 100% open.

- **June 6, 2019–** Cleaned both PW and WFL VLS float systems and housings.

- **June 10, 2019–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **June 11, 2019–** Tested AST redundant containment integrity.

- **June 13, 2019–** Lubricated sticking valve handles at SVE-3R, SVE-20, SVE-24, SVE-26, SVE-27, SVE-39, SVE-40, SVE-42, SVE-45, and SVE-47.

- **June 17, 2019–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **June 18, 2019–** Replaced WFL filter and pre-filter and PW VLS pre-filter.

- **June 24, 2019–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **June 25, 2019–** Adjusted SVE-3R to from 100% to 75% open.

- **June 27, 2019–** Replaced WFL filter and pre-filter. Manual dilution valve adjusted from 23% to 21% open.

Appendix D
Total Header Hydrocarbon Concentrations

APPENDIX D
TOTAL HEADER HYDROCARBON CONCENTRATIONS

Date	West Fenceline Concentration (ppmv)	Public Works Concentration (ppmv)
7/3/2018	25,200	50,400
7/10/2018	24,500	34,100
7/16/2018	25,200	31,600
7/24/2018	20,200	21,200
8/1/2018	23,200	31,200
8/8/2018	25,000	37,000
8/14/2018	24,000	39,400
8/22/2018	22,400	35,700
8/29/2018	23,100	32,500
9/5/2018	22,200	36,500
9/12/2018	21,200	34,500
9/18/2018	21,400	40,900
9/25/2018	19,900	30,900
10/2/2018	19,800	30,900
10/9/2018	18,500	35,100
10/17/2018	14,300	28,200
10/23/2018	15,800	30,100
11/1/2018	19,600	44,300
11/6/2018	18,100	44,200
11/13/2018	16,500	39,200
11/19/2018	15,100	38,800
11/28/2018	7,919	26,400
12/4/2018	14,700	26,500
12/11/2018	20,600	36,500
12/18/2018	20,700	37,700
12/26/2018	15,500	26,100
1/2/2019	11,200	28,800
1/8/2019	19,100	35,200
1/16/2019	20,900	52,400
1/22/2019	37,600	39,200
2/1/2019	16,100	NM[1]
2/5/2019	17,400	64,900
2/13/2019	18,000	73,500
2/19/2019	16,900	47,200
2/27/2019	16,900	42,700
3/1/2019	15,000	47,000
3/7/2019	14,000	32,800
3/12/2019	16,400	36,700
3/20/2019	31,900	64,900
3/27/2019	23,000	40,200
4/1/2019	24,000	24,700
4/4/2019	23,200	42,800
4/9/2019	24,000	34,000
4/22/2019	26,200	37,300
5/2/2019	28,400	38,600
5/8/2019	28,900	37,800
5/14/2019	26,800	38,300
5/20/2019	27,600	32,400
5/29/2019	29,200	35,100
6/4/2019	26,500	47,600
6/11/2019	16,600	24,600
6/19/2019	16,800	33,300
6/25/2019	14,900	24,700

[1]Public Works Header was closed for maintenance from 1/31/19 to 2/4/19.
[2]SVE System was shut down for maintenance from 4/11/2019 to 4/18/2019.

Appendix E
SVE System Flow Rates

APPENDIX E
SVE SYSTEM FLOW RATES

Date	West Fenceline Header[1] (SCFM)	Public Works Header[1] (SCFM)
7/3/18	572	258
7/10/18	575	241
7/16/18	544	221
7/24/18	591	210
8/1/18	582	210
8/8/18	571	204
8/14/18	555	196
8/22/18	563	186
8/29/18	587	160
9/5/18	583	144
9/12/18	574	152
9/18/18	566	151
9/25/18	587	154
10/2/18	599	166
10/9/18	589	161
10/17/18	627	161
10/23/18	610	160
11/1/18	607	154
11/6/18	602	134
11/13/18	594	162
11/19/18	712	190
11/28/18	608	84
12/4/18	740	150
12/11/18	721	151
12/18/18	690	153
12/26/18	712	154
1/2/19	564	159
1/8/19	707	184
1/16/19	714	198
1/22/19	480	40
2/1/19	523	0
2/5/19	784	209
2/13/19	838	241
2/19/19	793	199
2/27/19	751	186
3/1/19	470	281
3/7/19	802	206
3/12/19	822	186
3/20/19	697	240
3/27/19	713	194
4/1/2019	756	191
4/4/2019	713	149
4/9/2019	705	162
4/22/2019	736	132
5/2/2019	705	135
5/8/2019	681	114
5/14/2019	731	108
5/20/2019	701	110
5/29/2019	672	104
6/4/2019	664	111
6/11/2019	734	125
6/19/2019	766	116
6/25/2019	743	134

[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. AECOM has corrected the previously calculated mass removal to reflect the 0.67 pitot tube coefficient.

[2]Public Works Header was closed for maintenance from 1/31/19 to 2/4/19.

[3]SVE System was shut down for maintenance from 4/11/2019 to 4/18/2019.

AECOM
100 N. Broadway, 20th Floor
St. Louis, MO 63102
aecom.com