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;
☑ Other (describe): Soil Vapor Sampling & SVE Monitoring Report - 2nd Quarter 2018

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

Does this submittal include groundwater information: ☑ Yes ☐ No

Date of Submittal 7/27/18

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 2018 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 2018 dated 7/27/18. Copy of submittal sent directly to 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 Edlyn Date: 7/19/18

Title: Sr. 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: 7/25/18

Professional's Name Robert Billman

Address 100 N. Broadway

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: 06/19/2018

Mailing Address of Laboratory

Address 180 Blue Ravine Rd

City Folsom

State CA Zip Code 95630

Sepideh Saeed Vice President
Name and Title of Laboratory Responsible Officer

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July 27, 2018

Mr. Theodore J. Dragovich, PE
Acting Manager, Permit Section
Illinois Environmental Protection Agency
Bureau of Land
1021 North Grand Avenue East
Springfield, Illinois 62794

Soil Vapor Sampling and SVE Monitoring Report –2nd Quarter 2018
Roxana, Illinois
1191150002 – Madison County
Equilon Enterprises LLC d/b/a Shell Oil Products US
Log No. B-43R

Dear Mr. Dragovich:

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.

A copy of this submittal is being sent separately directly to 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 2 copies)

cc: Kevin Dyer, SOPUS
Eric Petersen, Phillips 66
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 2018 Report

Soil Vapor Sampling and SVE Monitoring Report Roxana, Illinois

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

Project Number: 60527968
July 2018

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1 Introduction

AECOM Technical Services, Inc. (AECOM) is submitting this 2nd Quarter 2018 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 2018 (2Q18) was at a depth of approximately 27 to 45 feet bgs (approximate elevation of 400.5 to 404 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 fallen approximately 0.5 to 1.5 feet since 1st Quarter 2018 (1Q18). Water level measurements collected during the 2Q18 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 2Q18 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 2Q18.

[1] 2Q18 comprehensive groundwater monitoring well gauging performed April 2-4, and April 9, 2018.

3 Soil Vapor Sampling and Analytical Procedures

The 2Q18 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 2Q18 soil vapor sampling event was conducted April 10 through May 1, and May 21, 2018.

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 167mL/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.
- 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.

[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).

- 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 10 of the VMP screens were submerged beneath the water table (or a temporary water condition) during 2Q18; details are provided below.

- Two 2nd interval VMPs, VMP-25-9.5 and VMP-55-10, held vacuum during the attempted purge and were most likely submerged. The screens for both of these VMPs are within fill material, and it is not unusual for shallow water to be trapped in the fill.
- One 3rd interval VMP, VMP-62-20 produced water during the purge and was not sampled, in accordance with SOP-44R.
- Seven 4th interval VMPs, VMP-1-38.5, VMP-2-42, VMP-4-39, VMP-29-40, VMP-30-40, VMP-55-30, and VMP-64-28 held vacuum during the attempted purge and were most likely submerged.

VMPs that were submerged and could not be sampled during 2Q18 are identified on **Figures 4** through **6**.

Re-samples – Five re-samples were collected during 2Q18; the following five locations were re-sampled after the initial samples developed leaks after arriving at the laboratory:

- VMP-14-29 and VMP-49-30 was re-sampled on April 27, 2018.
- VMP-10-30 was re-sampled on April 30, 2018.
- VMP-41-20 was re-sampled on May 1, 2018.
- VMP-44-30 was re-sampled on May 21, 2018.

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

Additional Items

Pre-PME Monitoring – The SVE System was shut down for a Preventative Maintenance Evaluation (PME) from April 4-11, 2018. Prior to shutdown, canister and Tedlar® bag samples were collected at VMP-2, VMP-13, VMP-18, VMP-32, VMP-50, VMP-53, and VMP-62 on March 28-30, 2018, and Tedlar® bag samples were collected at VMP-3, VMP-5, VMP-6, VMP-10, VMP-14, VMP-42, VMP-56, and VMP-63 on March 30, 2018. These canister and Tedlar® bag samples provided a snapshot of conditions prior to the system shut down. Results from the March 28-30, 2018 canister and Tedlar® bag samples are provided in **Tables 3, 5, 6, 7, and 9**.

VMP-25-31 – A review of port integrity was performed in March 2018 for the 31 foot port at VMP-25 using historical analytical and field screening data, construction information, and area groundwater elevation data. Based on this

review the port's integrity is believed to be compromised. Effective in 2Q18, samples will no longer be collected from VMP-25-31.

Natural gas at VMP-50 – In 2Q18, methane concentrations above historical values were observed at VMP-50. Analytical data suggested natural gas as a potential source. On May 1, 2018 Ameren Illinois (Ameren), the local utility, was called to request an investigation of their natural gas line in the alley between 4th and 5th Streets, adjacent to VMP-50. On May 1, 2018 Ameren identified a Level 3 gas leak[4] approximately 15 ft. west of VMP-50; they repaired the leak on May 31, 2018. The investigation and repair was documented in Ameren Report # 181213761. Correspondence with Ameren is provided in **Appendix A**.

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 September 27, 2017 (AECOM, 2017).

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 60mL 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

[4] Based on information verbally provided by an Ameren field worker, a Level 3 leak is minor and the leak is placed in queue for repair.

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 159 investigative and 17 field duplicate samples were initially 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 2Q18 sampling event:

TO-15 Detections	
Acetone	Isopentane
Benzene	Isopropylbenzene (Cumene)
Bromodichloromethane	n-Propylbenzene
Butane	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)
2-Butanone	Naphthalene
Carbon disulfide	2-Propanol
Carbon tetrachloride	Tetrachloroethene
Chloroform	Tetrahydrofuran
Cyclohexane	Toluene
Dichlorodifluoromethane	Trichlorofluoromethane
Ethanol	1,2,4-Trimethylbenzene
Ethylbenzene	1,3,5-Trimethylbenzene
4-Ethyltoluene	2,2,4-Trimethylpentane
Heptane	m,p-Xylene
Hexane	o-Xylene

In 2Q18 no analytes were detected at or above the reporting limit for the first time at any VMP. 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 0.00036 mg/m^3 (VMP-32-5) 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 0.0006 mg/m^3 (VMP-13-21.5) to 0.0055 mg/m^3 (VMP-14-20). 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 detected in one sample (VMP-12-39) at a concentration of 0.028 mg/m^3, which is below 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 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 B**.

Natural Gas Data

Natural gas[5] 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 appear to be increasing in 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.

[5] "Natural gas" in this context refers to naturally occurring soil gases and is not related to the Ameren natural gas leak described in Section 3.1.

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 Environmental Visualization System PRO, Version 9.52 (EVS-PRO) was used to model the estimated distribution of benzene in the soil vapor above IEPA TACO screening criteria for 2Q18. **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 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 2018 report (AECOM, 2018a). **Figure 12** presents the estimated distribution of dissolved phase benzene in the groundwater. Light non-aqueous phase liquid (LNAPL) thicknesses observed during the 2Q18 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 2Q18.

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 725 gallons of condensate from the Public Works aboveground storage tank (AST) was removed in 2Q18, as compared to 2,984 gallons in 1Q18. Condensate from the Public Works AST was transported to the Heritage Environmental Services facility in Indianapolis, Indiana for treatment. Approximately 1,463 gallons of condensate from the WFL AST was removed in 2Q18, as compared to 5,032 gallons in 1Q18. 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. Approximately 15 lbs. of solids were collected from SVE system VLS cleaning activities during 2Q18. The solids are being stored onsite in a satellite accumulation area.

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 PME was conducted on the RTO and associated components in 2Q18. The PME is conducted yearly by the RTO manufacturer to check components, alarms, and general system condition. The SVE system was shut down at 12:40 pm on April 4, 2018 to allow it to cool in preparation for the PME, and restarted at 2:07 pm on April 11, 2018. The system was shut down for a total of 169 hours and 27 minutes for the PME and associated activities. Notifications of the SVE system shutdown and restart were provided to the IEPA on April 4, 2018 and April 11, 2018, respectively. The RTO and associated components were found to be in good condition during the PME. A chronology of maintenance and operation activities associated with the system during 2Q18 can be found in **Appendix D.**

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 2Q18 (listed below) are shown on **Figure 14**.

- SVE wells operating during the 2Q18 effectiveness monitoring events were:
  - SVE-3R, SVE-42, SVE-43, and SVE-45 are located in the Village.
  - SVE-11, SVE-12, SVE-18, SVE-19[6], 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 2Q18 effectiveness monitoring events.
- Fifty-one VMP locations were sampled monthly during 2Q18 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**.

[6] SVE-18 and SVE-19 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**.
- Compared to historical screening data, no rebound in hydrocarbon concentration has been observed at VMP locations associated with SVE wells previously closed during system optimization.
- 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 2Q18. 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 C**.
- WFL Header concentrations and hydrocarbon mass removal increased in 2Q18. Public Works Header concentrations fluctuated in 2Q18, but mass removal remained approximately the same as in 1Q18. Increased concentrations and mass removal at the WFL Header appears to coincide with a lowering of groundwater elevation across the Investigation Area, exposing additional vadose zone to the effects of the SVE system. See hydrocarbon mass removal calculation discussion details in **Section 5.4**.
- During 2Q18, LNAPL was observed in SVE-3R, SVE-12 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, SVE-12 and SVE-45 did not contain LNAPL in 2Q18; therefore the LNAPL observed originates in the vadose zone and not the groundwater. LNAPL observed was removed via manual bailing. During 2Q18, a total of 0.61 gallons of LNAPL was removed.

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 2018, the system uptime was 76.44%, 99.06%, and 98.00%, respectively.

April			May			June		
Total Time	Total Uptime	Percentage Uptime	Total Time	Total Uptime	Percentage Uptime	Total Time	Total Uptime	Percentage Uptime
720 hours	550.38 hours	76.44%	744 hours	737.02 hours	99.06%	720 hours	705.58 hours	98.00%

During 2Q18 the SVE system experienced two unplanned periods of downtime.

- On May 3, 2018, the system experienced a shutdown alarm associated with the system fan variable frequency drive (VFD), which was likely caused by an interruption in power. The system shut down at approximately 6:15 a.m. and was brought back online at 12:12 pm on May 3, 2018. The system was down for approximately 5 hours and 57 minutes.

- On June 28, 2018, the system experienced a combustion motor alarm, which was likely caused by an interruption in power. The system shut down at approximately 11:05 pm and was brought back online at 9:22 am on June 29, 2018. The system was down for approximately 10 hours and 17 minutes.

The remainder of downtime in 2Q18 was associated with routine (planned) maintenance activities. A summary table of system downtime by date for 2Q18 and the maintenance log can be found in **Appendix D**.

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 four times in 2Q18.

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 D**.

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 E**.

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[7]. 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 F**. 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:

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

$Where$:

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

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

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

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

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

$Unit\ conversions$:

$60\ minutes\ per\ hour$

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

$2000\ pounds\ per\ tons$

[7] 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.

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, 26.3 lb/lb-mole and 19.0 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 2Q18.

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

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 2Q18 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 2Q18:

- Soil vapor samples were collected from 46 locations and 159 ports during 2Q18.
- 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 shallow samples to one ppb in the deeper samples. The commercial/industrial screening criterion was not exceeded at any VMPs within the Roxana Public Works Yard or the 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

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Tables

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
MW 01											
3Q15	442.65	7/6/2015	NE	43.39	NA	NA	NA	399.26	393.85 - 383.85 (48.80 - 58.80)	0.0	*
4Q15		10/1/2015	NE	40.92	NA	NA	NA	401.73		0.1	*
1Q16		1/4/2016	NE	41.31	NA	NA	NA	401.34		0.0	*
2Q16		4/4/2016	NE	40.24	NA	NA	NA	402.41		0.0	*
3Q16		7/5/2016	NE	39.32	NA	NA	NA	403.33		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	*
MW 02											
3Q15	443.77	7/6/2015	NE	44.85	NA	NA	NA	398.92	393.90 - 383.90 (49.87 - 59.87)	124	*
4Q15		10/1/2015	NE	42.31	NA	NA	NA	401.46		12.3	*
1Q16		1/4/2016	NE	42.62	NA	NA	NA	401.15		160.7	*
2Q16		4/4/2016	NE	41.55	NA	NA	NA	402.22		199.1	*
3Q16		7/5/2016	NE	40.64	NA	NA	NA	403.13		123.0	*
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		117.9	*
2Q17		4/3/2017	NE	39.97	NA	NA	NA	403.80		181.4	*
3Q17		7/5/2017	NE	38.69	NA	NA	NA	405.08		365.2	*
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		105.8	*
2Q18		4/3/2018	NE	41.84	NA	NA	NA	401.93		62.2	*
MW 03											
3Q15	430.08	7/6/2015	NE	30.15	NA	NA	NA	399.93	395.41 - 385.41 (34.67 - 44.67)	0.0	*
4Q15		10/1/2015	NE	27.88	NA	NA	NA	402.20		0.2	*
1Q16		1/5/2016	NE	28.13	NA	NA	NA	401.95		0.2	*
2Q16		4/4/2016	NE	27.31	NA	NA	NA	402.77		0.0	*
3Q16		7/5/2016	NE	26.46	NA	NA	NA	403.62		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	*
MW 04											
3Q15	441.14	7/6/2015	NE	41.25	NA	NA	NA	399.89	396.08 - 386.08 (45.06 - 55.06)	56.1	*
4Q15		10/1/2015	NE	39.28	NA	NA	NA	401.86		11.5	*
1Q16		1/5/2016	NE	39.53	NA	NA	NA	401.61		67.3	*
2Q16		4/4/2016	NE	38.61	NA	NA	NA	402.53		0.0	*
3Q16		7/5/2016	NE	37.87	NA	NA	NA	403.27		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	*
MW 05											
3Q15	429.80	7/6/2015	NE	28.88	NA	NA	NA	400.92	395.83 - 385.83 (33.97 - 43.97)	0.3	*
4Q15		10/1/2015	NE	27.61	NA	NA	NA	402.19		0.4	*
1Q16		1/4/2016	NE	27.89	NA	NA	NA	401.91		0.5	*
2Q16		4/4/2016	NE	27.02	NA	NA	NA	402.78		0.0	*
3Q16		7/5/2016	NE	26.25	NA	NA	NA	403.55		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	*
MW 06A											
3Q15	432.14	7/6/2015	NE	31.98	NA	NA	NA	400.16	397.31 - 387.31 (34.83 - 44.83)	0.1	*
4Q15		10/1/2015	NE	29.72	NA	NA	NA	402.42		0.1	*
1Q16		1/4/2016	NE	29.94	NA	NA	NA	402.20		0.0	*
2Q16		4/4/2016	NE	29.17	NA	NA	NA	402.97		0.0	*
3Q16		7/7/2016	NE	28.40	NA	NA	NA	403.74		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	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
MW 06B											
3Q15	432.29	7/6/2015	NE	32.01	NA	NA	NA	400.28	368.24 - 363.24 (64.05 - 69.05)	0.2	*
4Q15		10/1/2015	NE	29.76	NA	NA	NA	402.53		0.4	*
1Q16		1/4/2016	NE	29.96	NA	NA	NA	402.33		0.0	*
2Q16		4/4/2016	NE	29.39	NA	NA	NA	402.90		82.8	*
3Q16		7/7/2016	NE	28.42	NA	NA	NA	403.87		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	*
MW 06C											
3Q15	432.11	7/6/2015	NE	31.79	NA	NA	NA	400.32	347.16 - 342.16 (84.95 - 89.95)	0.0	*
4Q15		10/1/2015	NE	29.55	NA	NA	NA	402.56		2.3	*
1Q16		1/4/2016	NE	29.75	NA	NA	NA	402.36		0.3	*
2Q16		4/4/2016	NE	28.99	NA	NA	NA	403.12		24.9	*
3Q16		7/7/2016	NE	28.24	NA	NA	NA	403.87		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	*
MW 06D											
3Q15	431.99	7/6/2015	NE	31.83	NA	NA	NA	400.16	327.27 - 322.27 (104.72 - 109.72)	0.1	*
4Q15		10/1/2015	NE	29.40	NA	NA	NA	402.59		0.7	*
1Q16		1/4/2016	NE	29.59	NA	NA	NA	402.40		0.2	*
2Q16		4/4/2016	NE	28.84	NA	NA	NA	403.15		22.4	*
3Q16		7/7/2016	NE	28.09	NA	NA	NA	403.90		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	*
MW 07											
3Q15	443.10	7/6/2015	NE	43.90	NA	NA	NA	399.20	400.18 - 390.18 (42.92 - 52.92)	0.0	
4Q15		10/1/2015	NE	41.35	NA	NA	NA	401.75		384.0	*
1Q16		1/4/2016	NE	41.62	NA	NA	NA	401.48		6007	*
2Q16		4/4/2016	NE	40.71	NA	NA	NA	402.39		4292	*
3Q16		7/5/2016	NE	40.10	NA	NA	NA	403.00		885.6	*
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		819.9	*
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		138.5	*
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		489.9	*
MW 08											
3Q15	434.11	7/7/2015	NE	34.51	NA	NA	NA	399.60	400.51 - 390.51 (33.60 - 43.60)	0.0	
4Q15		10/1/2015	NE	32.15	NA	NA	NA	401.96		663	*
1Q16		1/4/2016	NE	32.41	NA	NA	NA	401.70		13.0	*
2Q16		4/4/2016	NE	31.56	NA	NA	NA	402.55		247.6	*
3Q16		7/5/2016	NE	30.89	NA	NA	NA	403.22		296.0	*
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		106.0	*
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		369.8	*
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		169.4	*
MW 09											
3Q15	445.20	7/6/2015	NE	44.83	NA	NA	NA	400.37	398.75 - 388.75 (46.45 - 56.45)	0.0	*
4Q15		10/1/2015	NE	42.75	NA	NA	NA	402.45		0.6	*
1Q16		1/4/2016	NE	43.03	NA	NA	NA	402.17		0.0	*
2Q16		4/4/2016	NE	41.87	NA	NA	NA	403.33		0.0	*
3Q16		7/6/2016	NE	40.96	NA	NA	NA	404.24		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	*

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
MW 10											
3Q15	445.03	7/6/2015	NE	44.92	NA	NA	NA	400.11	400.60 - 390.60 (44.43 - 54.43)	169.6	
4Q15		10/1/2015	NE	42.85	NA	NA	NA	402.18		0.6	*
1Q16		1/4/2016	NE	43.07	NA	NA	NA	401.96		0.0	*
2Q16		4/4/2016	NE	41.98	NA	NA	NA	403.05		0.0	*
3Q16		7/5/2016	NE	41.00	NA	NA	NA	404.03		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	*
MW 11											
3Q15	442.33	7/6/2015	NE	42.52	NA	NA	NA	399.81	400.67 - 390.67 (41.66 - 51.66)	0.0	
4Q15		10/1/2015	NE	40.26	NA	NA	NA	402.07		0.2	*
1Q16		1/4/2016	NE	40.69	NA	NA	NA	401.64		0.0	*
2Q16		4/4/2016	NE	39.53	NA	NA	NA	402.80		0.0	*
3Q16		7/6/2016	NE	38.39	NA	NA	NA	403.94		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	*
MW 12											
3Q15	442.60	7/6/2015	NE	42.92	NA	NA	NA	399.68	400.68 - 390.68 (41.92 - 51.92)	0.0	
4Q15		10/1/2015	NE	40.60	NA	NA	NA	402.00		0.1	*
1Q16		1/5/2016	NE	40.98	NA	NA	NA	401.62		0.2	*
2Q16		4/4/2016	NE	39.88	NA	NA	NA	402.72		0.0	*
3Q16		7/6/2016	NE	38.87	NA	NA	NA	403.73		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	*
MW 13											
3Q15	430.27	7/8/2015	NE	29.16	NA	NA	NA	401.11	404.70 - 394.70 (25.57 - 35.57)	254.3	
4Q15		10/2/2015	NE	27.36	NA	NA	NA	402.91		90.2	
1Q16		1/5/2016	NE	27.33	NA	NA	NA	402.94		143.8	
2Q16		4/5/2016	NE	26.75	NA	NA	NA	403.52		71.4	
3Q16		7/8/2016	NE	26.16	NA	NA	NA	404.11		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		161.9	*
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	
MW 14											
3Q15	434.44	7/7/2015	NE	34.11	NA	NA	NA	400.33	401.02 - 391.02 (33.42 - 43.42)	207.7	
4Q15		10/2/2015	NE	31.88	NA	NA	NA	402.56		42.40	*
1Q16		1/6/2016	NE	31.75	NA	NA	NA	402.69		35.2	*
2Q16		4/5/2016	NE	31.35	NA	NA	NA	403.09		64.1	*
3Q16		7/8/2016	NE	30.72	NA	NA	NA	403.72		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	*
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		159.9	*
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	*
MW 16											
3Q15	443.39	7/6/2015	NE	44.31	NA	NA	NA	399.08	406.33 - 396.33 (37.06 - 47.06)	0.0	
4Q15		10/1/2015	NE	41.89	NA	NA	NA	401.50		0.1	
1Q16		1/5/2016	NE	42.32	NA	NA	NA	401.07		0.0	
2Q16		4/4/2016	NE	41.19	NA	NA	NA	402.20		0.0	
3Q16		7/6/2016	NE	39.94	NA	NA	NA	403.45		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	

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
MW 17											
3Q15	441.57	7/6/2015	NE	42.73	NA	NA	NA	398.84	407.28 - 392.28 (34.29 - 49.29)	0.0	
4Q15		10/1/2015	NE	40.33	NA	NA	NA	401.24		0.1	
1Q16		1/4/2016	NE	41.00	NA	NA	NA	400.57		0.1	
2Q16		4/4/2016	NE	39.67	NA	NA	NA	401.90		0.0	
3Q16		7/5/2016	NE	38.12	NA	NA	NA	403.45		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		143.6	
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		362.4	PID data from 1/2/2018
2Q18		4/2/2018	NE	39.67	NA	NA	NA	401.90		0.0	
MW 18											
3Q15	442.04	7/6/2015	NE	43.44	NA	NA	NA	398.60	407.12 - 392.12 (34.92 - 49.92)	0.0	
4Q15		10/1/2015	NE	40.97	NA	NA	NA	401.07		0.1	
1Q16		1/4/2016	NE	41.75	NA	NA	NA	400.29		0.0	
2Q16		4/4/2016	NE	40.45	NA	NA	NA	401.59		0.0	
3Q16		7/5/2016	NE	38.65	NA	NA	NA	403.39		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	
MW 19											
3Q15	442.77	7/6/2015	NE	43.99	NA	NA	NA	398.78	406.43 - 391.43 (36.34 - 51.34)	0.0	
4Q15		10/1/2015	NE	41.48	NA	NA	NA	401.29		0.2	
1Q16		1/4/2016	NE	42.14	NA	NA	NA	400.63		0.4	
2Q16		4/4/2016	NE	40.43	NA	NA	NA	402.34		0.0	
3Q16		7/5/2016	NE	39.42	NA	NA	NA	403.35		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	
MW 20											
3Q15	443.67	7/6/2015	NE	44.83	NA	NA	NA	398.84	407.79 - 392.79 (35.88 - 50.88)	0.0	
4Q15		10/1/2015	NE	42.33	NA	NA	NA	401.34		0.2	
1Q16		1/4/2016	NE	42.76	NA	NA	NA	400.91		0.5	
2Q16		4/4/2016	NE	41.64	NA	NA	NA	402.03		0.0	
3Q16		7/5/2016	NE	40.46	NA	NA	NA	403.21		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		38.69	
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	
MW 21											
3Q15	443.81	7/6/2015	NE	44.96	NA	NA	NA	398.85	408.80 - 393.80 (35.01 - 50.01)	0.0	
4Q15		10/1/2015	NE	42.33	NA	NA	NA	401.48		0.1	
1Q16		1/4/2016	NE	42.53	NA	NA	NA	401.28		0.2	
2Q16		4/4/2016	NE	41.61	NA	NA	NA	402.20		0.0	
3Q16		7/5/2016	NE	40.89	NA	NA	NA	402.92		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	
MW 22											
3Q15	442.16	7/6/2015	NE	42.94	NA	NA	NA	399.22	404.28 - 394.28 (37.88 - 47.88)	0.0	
4Q15		10/1/2015	NE	40.56	NA	NA	NA	401.60		0.1	
1Q16		1/4/2016	NE	41.12	NA	NA	NA	401.04		0.0	
2Q16		4/4/2016	NE	39.88	NA	NA	NA	402.28		0.0	
3Q16		7/6/2016	NE	38.56	NA	NA	NA	403.60		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	

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
MW 23											
3Q15	431.41	7/7/2015	NE	30.74	NA	NA	NA	400.67	402.39 - 392.39 (29.02 - 39.02)	8.3	
4Q15		10/1/2015	NE	28.80	NA	NA	NA	402.61		0.5	*
1Q16		1/5/2016	NE	29.05	NA	NA	NA	402.36		0.1	
2Q16		4/4/2016	NE	28.30	NA	NA	NA	403.11		0.0	*
3Q16		7/7/2016	NE	27.21	NA	NA	NA	404.20		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	
MW 24											
3Q15	443.42	7/6/2015	NE	43.76	NA	NA	NA	399.66	404.53 - 394.53 (38.89 - 48.89)	1.2	
4Q15		10/1/2015	NE	41.52	NA	NA	NA	401.90		0.1	
1Q16		1/4/2016	NE	41.94	NA	NA	NA	401.48		0.0	
2Q16		4/4/2016	NE	40.74	NA	NA	NA	402.68		0.0	
3Q16		7/6/2016	NE	39.68	NA	NA	NA	403.74		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	
MW 25											
3Q15	438.35	7/6/2015	NE	38.84	NA	NA	NA	399.51	402.76 - 392.76 (35.59 - 45.59)	0.1	
4Q15		10/1/2015	NE	36.39	NA	NA	NA	401.96		0.5	
1Q16		1/4/2016	NE	36.68	NA	NA	NA	401.67		132	
2Q16		4/4/2016	NE	35.78	NA	NA	NA	402.57		0.0	
3Q16		7/6/2016	NE	35.02	NA	NA	NA	403.33		32.5	*
4Q16		10/3/2016	NE	34.23	NA	NA	NA	404.12		52.00	*
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		110.3	
MW 26											
3Q15	441.02	7/6/2015	NE	41.77	NA	NA	NA	399.25	402.87 - 392.87 (38.15 - 48.15)	0.8	
4Q15		10/1/2015	NE	39.25	NA	NA	NA	401.77		0.6	
1Q16		1/5/2016	NE	39.55	NA	NA	NA	401.47		0.7	
2Q16		4/4/2016	NE	38.56	NA	NA	NA	402.46		0.0	
3Q16		7/5/2016	NE	37.76	NA	NA	NA	403.26		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	
MW 27											
3Q15	443.40	7/6/2015	NE	43.07	NA	NA	NA	400.33	403.61 - 393.61 (39.79 - 49.79)	0.0	
4Q15		10/1/2015	NE	40.50	NA	NA	NA	402.90		0.6	
1Q16		1/4/2016	NE	41.02	NA	NA	NA	402.38		0.0	
2Q16		4/4/2016	NE	39.67	NA	NA	NA	403.73		0.0	*
3Q16		7/6/2016	NE	38.95	NA	NA	NA	404.45		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	
MW 28											
3Q15	443.34	7/7/2015	NE	42.39	NA	NA	NA	400.95	409.73 - 399.73 (33.61 - 43.61)	0.0	
4Q15		10/1/2015	NE	40.23	NA	NA	NA	403.11		0.6	
1Q16		1/4/2016	NE	40.34	NA	NA	NA	403.00		0.0	
2Q16		4/4/2016	NE	39.18	NA	NA	NA	404.16		0.0	
3Q16		7/6/2016	NE	38.42	NA	NA	NA	404.92		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	

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
P 01											
3Q15	442.73	7/6/2015	NE	31.98	NA	NA	NA	410.75	380.78 - 375.78 (61.95 - 66.95)	0.1	*
4Q15		10/1/2015	NE	32.22	NA	NA	NA	410.51		0.0	*
1Q16		1/5/2016	NE	31.14	NA	NA	NA	411.59		0.0	*
2Q16		4/4/2016	NE	30.93	NA	NA	NA	411.80		0.0	*
3Q16		7/7/2016	NM	NM	NA	NA	NA	NA		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		0.0	*
P 4U											
3Q15	442.54	7/6/2015	NE	34.58	NA	NA	NA	407.96	361.39 - 359.39 (81.15 - 83.15)	0.2	*
4Q15		10/1/2015	NE	33.65	NA	NA	NA	408.89		0.0	*
1Q16		1/4/2016	NE	33.33	NA	NA	NA	409.21		0.0	*
2Q16		4/6/2016	NM	NM	NA	NA	NA	NA		NM	
3Q16		7/5/2016	NE	32.12	NA	NA	NA	410.42		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	*
P 5L											
3Q15	443.84	7/7/2015	NE	34.32	NA	NA	NA	409.52	303.44 - 301.44 (140.40 - 142.40)	0.0	*
4Q15		10/1/2015	NE	33.87	NA	NA	NA	409.97		0.0	*
1Q16		1/4/2016	NE	32.95	NA	NA	NA	410.89		0.2	*
2Q16		4/4/2016	NE	32.34	NA	NA	NA	411.50		0.0	*
3Q16		7/5/2016	NE	33.37	NA	NA	NA	410.47		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	*
P 5U											
3Q15	444.24	7/7/2015	NE	35.71	NA	NA	NA	408.53	313.61 - 311.61 (130.63 - 132.63)	0.0	*
4Q15		10/1/2015	NE	35.03	NA	NA	NA	409.21		0.0	*
1Q16		1/4/2016	NE	34.53	NA	NA	NA	409.71		0.0	*
2Q16		4/4/2016	NE	33.78	NA	NA	NA	410.46		0.0	*
3Q16		7/5/2016	NE	32.08	NA	NA	NA	412.16		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	*
P 6U											
3Q15	443.45	7/7/2015	NE	35.43	NA	NA	NA	408.02	362.95 - 360.95 (80.50 - 82.50)	0.0	*
4Q15		10/1/2015	NE	34.54	NA	NA	NA	408.91		0.0	*
1Q16		1/4/2016	NE	34.19	NA	NA	NA	409.26		0.0	*
2Q16		4/4/2016	NE	33.17	NA	NA	NA	410.28		0.0	*
3Q16		7/5/2016	NE	31.58	NA	NA	NA	411.87		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	*
P 7U											
3Q15	443.91	7/6/2015	NE	35.66	NA	NA	NA	408.25	382.83 - 380.83 (61.08 - 63.08)	0.1	*
4Q15		10/1/2015	NE	34.86	NA	NA	NA	409.05		0.0	*
1Q16		1/4/2016	NE	34.35	NA	NA	NA	409.56		0.0	*
2Q16		4/4/2016	NE	33.38	NA	NA	NA	410.53		0.0	*
3Q16		7/7/2016	NE	32.86	NA	NA	NA	411.05		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	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
P 8U											
3Q15	441.85	7/6/2015	NE	36.24	NA	NA	NA	405.61	382.33 - 380.33 (59.52 - 61.52)	0.1	*
4Q15		10/1/2015	NE	34.97	NA	NA	NA	406.88		0.0	*
1Q16		1/4/2016	NE	34.99	NA	NA	NA	406.86		0.1	*
2Q16		4/5/2016	NE	33.41	NA	NA	NA	408.44		0.4	*
3Q16		7/5/2016	NE	33.18	NA	NA	NA	408.67		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		0.0	*
P 9U											
3Q15	445.04	7/6/2015	NE	40.70	NA	NA	NA	404.34	344.45 - 342.45 (100.59 - 102.59)	0.1	*
4Q15		10/1/2015	NE	39.69	NA	NA	NA	405.35		0.0	*
1Q16		1/5/2016	NE	39.77	NA	NA	NA	405.27		0.0	*
2Q16		4/4/2016	NE	37.84	NA	NA	NA	407.20		0.0	*
3Q16		7/5/2016	NE	37.92	NA	NA	NA	407.12		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
P 11L											
3Q15	442.55	7/7/2015	NE	36.88	NA	NA	NA	405.67	332.34 - 330.34 (110.21 - 112.21)	0.0	*
4Q15		10/1/2015	NE	35.54	NA	NA	NA	407.01		0.0	*
1Q16		1/4/2016	NE	35.47	NA	NA	NA	407.08		0.0	*
2Q16		4/5/2016	NE	34.70	NA	NA	NA	407.85		0.6	*
3Q16		7/5/2016	NE	34.03	NA	NA	NA	408.52		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	*
P 11U											
3Q15	443.17	7/7/2015	NE	37.51	NA	NA	NA	405.66	343.25 - 341.25 (99.92 - 101.92)	0.1	*
4Q15		10/1/2015	NE	36.14	NA	NA	NA	407.03		0.0	*
1Q16		1/4/2016	NE	36.09	NA	NA	NA	407.08		0.0	*
2Q16		4/5/2016	NE	34.88	NA	NA	NA	408.29		1.9	*
3Q16		7/5/2016	NE	34.66	NA	NA	NA	408.51		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	*
P 14											
3Q15	442.74	7/6/2015	NE	32.06	NA	NA	NA	410.68	395.41 - 385.41 (47.33 - 57.33)	0.2	*
4Q15		10/1/2015	NE	32.24	NA	NA	NA	410.50		0.0	*
1Q16		1/5/2016	NE	31.21	NA	NA	NA	411.53		0.0	*
2Q16		4/4/2016	NE	30.98	NA	NA	NA	411.76		0.0	*
3Q16		7/7/2016	NM	NM	NA	NA	NA	NA		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		0.0	*
P 15											
3Q15	443.69	7/6/2015	NE	35.09	NA	NA	NA	408.60	398.24 - 388.24 (45.45 - 55.45)	1.8	*
4Q15		10/1/2015	NE	34.29	NA	NA	NA	409.40		0.0	*
1Q16		1/4/2016	NE	34.22	NA	NA	NA	409.47		0.0	*
2Q16		4/5/2016	NE	32.98	NA	NA	NA	410.71		0.0	*
3Q16		7/5/2016	NE	32.77	NA	NA	NA	410.92		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	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
P 16											
3Q15	442.68	7/7/2015	NE	33.98	NA	NA	NA	408.70	396.94 - 386.94 (45.74 - 55.74)	0.0	*
4Q15		10/1/2015	NE	33.54	NA	NA	NA	409.14		0.0	*
1Q16		1/4/2016	NE	33.11	NA	NA	NA	409.57		1.1	*
2Q16		4/4/2016	NE	31.78	NA	NA	NA	410.90		0.0	*
3Q16		7/5/2016	NE	32.71	NA	NA	NA	409.97		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	*
P 43											
3Q15	444.44	7/7/2015	NE	38.03	NA	NA	NA	406.41	380.88 - 370.88 (63.56 - 73.56)	0.1	*
4Q15		10/1/2015	NE	37.03	NA	NA	NA	407.41		1.0	*
1Q16		1/4/2016	NE	36.96	NA	NA	NA	407.48		0.0	*
2Q16		4/5/2016	NE	35.73	NA	NA	NA	408.71		0.0	*
3Q16		7/5/2016	NE	35.52	NA	NA	NA	408.92		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	*
P 53											
3Q15	446.41	7/7/2015	NE	44.16	NA	NA	NA	402.25	407.91 - 382.91 (38.50 - 63.50)	0.0	
4Q15		10/1/2015	NE	42.69	NA	NA	NA	403.72		0.1	
1Q16		1/6/2016	NE	42.55	NA	NA	NA	403.86		0.1	
2Q16		4/6/2016	NE	41.41	NA	NA	NA	405.00		0.0	
3Q16		7/5/2016	NE	40.94	NA	NA	NA	405.47		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	
P 54											
3Q15	442.32	7/6/2015	NE	42.40	NA	NA	NA	399.92	404.32 - 379.32 (38.00 - 63.00)	0.0	
4Q15		10/1/2015	NE	40.21	NA	NA	NA	402.11		0.1	
1Q16		1/4/2016	NE	40.60	NA	NA	NA	401.72		1.6	
2Q16		4/4/2016	NE	39.43	NA	NA	NA	402.89		0.0	
3Q16		7/6/2016	NE	38.47	NA	NA	NA	403.85		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	
P 55R											
3Q15	443.79	7/9/2015	44.16	44.27	399.52	399.63	0.11	399.61	403.36 - 393.36 (40.43 - 50.43)	0.3	
4Q15		10/1/2015	42.04	42.05	401.74	401.75	0.01	401.75		379	
1Q16		1/4/2016	42.26	42.36	401.43	401.53	0.10	401.51		38.4	
2Q16		4/4/2016	40.09	40.15	403.64	403.70	0.06	403.69		147.9	*
3Q16		7/5/2016	39.93	40.13	403.66	403.86	0.20	403.82		78.0	*
4Q16		10/3/2016	39.28	39.45	404.34	404.51	0.17	404.48		393.8	*
1Q17		1/16/2017	38.82	39.30	404.49	404.97	0.48	404.87		132.8	*
2Q17		4/3/2017	39.06	39.34	404.45	404.73	0.28	404.67		154.7	*
3Q17		7/5/2017	37.88	37.97	405.82	405.91	0.09	405.89		162.1	*
4Q17		10/2/2017	37.81	37.98	405.81	405.98	0.17	405.95		103.6	*
1Q18		1/2/2018	40.30	40.38	403.41	403.49	0.08	403.47		259.9	*
2Q18		4/2/2018	39.20	41.25	402.54	404.59	2.05	404.18		238.2	*
P 56											
3Q15	446.14	7/9/2015	NE	47.46	NA	NA	NA	398.68	405.32 - 380.32 (40.82 - 65.82)	0.0	
4Q15		10/1/2015	NE	44.89	NA	NA	NA	401.25		0.0	
1Q16		1/4/2016	NE	45.32	NA	NA	NA	400.82		0.0	
2Q16		4/4/2016	NE	44.15	NA	NA	NA	401.99		0.0	
3Q16		7/5/2016	NE	43.03	NA	NA	NA	403.11		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		180.0	
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		208.8	
2Q18		4/3/2018	NE	44.24	NA	NA	NA	401.90		0.0	

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
P 57											
3Q15	446.96	7/9/2015	NE	48.22	NA	NA	NA	398.74	402.77 - 392.77 (44.19 - 54.19)	0.0	
4Q15		10/1/2015	NE	45.50	NA	NA	NA	401.46		0.1	
1Q16		1/4/2016	NE	45.75	NA	NA	NA	401.21		0.0	
2Q16		4/4/2016	NE	44.80	NA	NA	NA	402.16		0.4	
3Q16		7/5/2016	NE	44.20	NA	NA	NA	402.76		118.5	
4Q16		10/3/2016	NE	43.40	NA	NA	NA	403.56		140.5	*
1Q17		1/16/2017	NE	42.89	NA	NA	NA	404.07		135.3	*
2Q17		4/3/2017	NE	43.21	NA	NA	NA	403.75		140.1	*
3Q17		7/5/2017	NE	41.92	NA	NA	NA	405.04		131.9	*
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		190.2	
2Q18		4/3/2018	NE	45.10	NA	NA	NA	401.86		1.3	
P 58											
3Q15	444.94	7/9/2015	NE	46.01	NA	NA	NA	398.93	404.73 - 379.73 (40.21 - 65.21)	0.0	
4Q15		10/1/2015	NE	43.27	NA	NA	NA	401.67		1.3	
1Q16		1/4/2016	NE	43.50	NA	NA	NA	401.44		0.0	
2Q16		4/4/2016	NE	42.75	NA	NA	NA	402.19		0.1	
3Q16		7/5/2016	NE	42.21	NA	NA	NA	402.73		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		135.1	
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		179.6	
2Q18		4/2/2018	NE	43.19	NA	NA	NA	401.75		0.0	
P 59											
3Q15	446.86	7/9/2015	NE	46.50	NA	NA	NA	400.36	398.95 - 373.95 (47.91 - 72.91)	0.0	*Gauging results anomalous
4Q15		10/1/2015	NE	45.81	NA	NA	NA	401.05		349	*
1Q16		1/4/2016	NE	46.43	NA	NA	NA	400.43		135	*
2Q16		4/4/2016	NE	45.22	NA	NA	NA	401.64		249.4	*
3Q16		7/5/2016	NE	43.67	NA	NA	NA	403.19		239.0	*
4Q16		10/3/2016	NE	43.65	NA	NA	NA	403.21		423.6	*
1Q17		1/16/2017	NE	42.83	NA	NA	NA	404.03		220.9	*
2Q17		4/3/2017	NE	43.06	NA	NA	NA	403.80		358.9	*
3Q17		7/5/2017	NE	42.08	NA	NA	NA	404.78		321.7	*
4Q17		10/2/2017	NE	41.57	NA	NA	NA	405.29		189.2	*
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		108.1	*
P 60											
3Q15	446.69	7/9/2015	47.61	47.75	398.94	399.08	0.14	399.05	403.24 - 383.24 (43.45 - 63.45)	0.0	
4Q15		10/1/2015	45.28	45.35	401.34	401.41	0.07	401.40		362	
1Q16		1/4/2016	45.73	45.79	400.90	400.96	0.06	400.95		7.0	
2Q16		4/4/2016	44.45	44.50	402.19	402.24	0.05	402.23		6.8	
3Q16		7/5/2016	43.13	43.22	403.47	403.56	0.09	403.54		107.9	*
4Q16		10/3/2016	43.00	43.05	403.64	403.69	0.05	403.68		144.8	*
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		117.9	
2Q18		4/3/2018	NE	44.25	NA	NA	NA	402.44		15.6	
P 60 11											
3Q15	446.26	7/8/2015	NE	46.16	NA	NA	NA	400.10	413.11 - 383.11 (33.15 - 63.15)	0.7	
4Q15		10/1/2015	NE	44.01	NA	NA	NA	402.25		0.0	
1Q16		1/4/2016	NE	44.51	NA	NA	NA	401.75		0.4	
2Q16		4/4/2016	NE	43.08	NA	NA	NA	403.18		0.0	
3Q16		7/5/2016	NE	42.21	NA	NA	NA	404.05		1.4	
4Q16		10/3/2016	NE	41.90	NA	NA	NA	404.36		27.9	
1Q17		1/16/2017	NE	41.22	NA	NA	NA	405.04		0.0	
2Q17		4/3/2017	NE	41.62	NA	NA	NA	404.64		0.0	
3Q17		7/5/2017	NE	41.75	NA	NA	NA	404.51		0.5	
4Q17		10/2/2017	NE	40.30	NA	NA	NA	405.96		0.0	
1Q18		1/2/2018	NE	42.22	NA	NA	NA	404.04		0.7	
2Q18		4/2/2018	NE	43.48	NA	NA	NA	402.78		0.0	
P 60 12											
3Q15	443.43	7/9/2015	NE	45.42	NA	NA	NA	398.01	383.43 - 373.43 (60.00 - 70.00)	0.0	*
4Q15		10/1/2015	NE	42.10	NA	NA	NA	401.33		0.0	*
1Q16		1/4/2016	NE	42.58	NA	NA	NA	400.85		0.3	*
2Q16		4/4/2016	NE	41.31	NA	NA	NA	402.12		9.9	*
3Q16		7/5/2016	NE	39.94	NA	NA	NA	403.49		36.2	*
4Q16		10/3/2016	NE	39.77	NA	NA	NA	403.66		11.3	*
1Q17		1/16/2017	NE	39.00	NA	NA	NA	404.43		23.4	*
2Q17		4/3/2017	NE	39.21	NA	NA	NA	404.22		23.5	*
3Q17		7/5/2017	NE	38.26	NA	NA	NA	405.17		2.1	*
4Q17		10/2/2017	NE	37.80	NA	NA	NA	405.63		10.6	*
1Q18		1/2/2018	NE	40.40	NA	NA	NA	403.03		26.6	*
2Q18		4/2/2018	NE	41.34	NA	NA	NA	402.09		11.1	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
P 60 13											
3Q15	442.92	7/9/2015	NE	41.20	NA	NA	NA	401.72	402.92 - 382.92 (40.00 - 60.00)	0.0	
4Q15		10/1/2015	NE	40.19	NA	NA	NA	402.73		8.5	
1Q16		1/4/2016	NE	40.65	NA	NA	NA	402.27		2.7	
2Q16		4/4/2016	NE	39.72	NA	NA	NA	403.20		0.2	*
3Q16		7/5/2016	NE	39.06	NA	NA	NA	403.86		0.2	*
4Q16		10/3/2016	NE	38.78	NA	NA	NA	404.14		0.0	*
1Q17		1/16/2017	NE	38.18	NA	NA	NA	404.74		101.8	*
2Q17		4/3/2017	NE	38.62	NA	NA	NA	404.30		0.0	*
3Q17		7/5/2017	NE	37.70	NA	NA	NA	405.22		0.0	*
4Q17		10/2/2017	NE	37.31	NA	NA	NA	405.61		0.0	*
1Q18		1/2/2018	NE	39.04	NA	NA	NA	403.88		48.3	*
2Q18		4/2/2018	NE	39.97	NA	NA	NA	402.95		0.0	*
P 60 S											
3Q15	446.84	7/9/2015	46.84	46.90	399.94	400.00	0.06	399.99	410.36 - 395.36 (36.48 - 51.48)	0.0	
4Q15		10/1/2015	NE	44.76	NA	NA	NA	402.08		0.0	
1Q16		1/4/2016	NE	45.25	NA	NA	NA	401.59		0.1	
2Q16		4/4/2016	NE	43.78	NA	NA	NA	403.06		0.0	
3Q16		7/5/2016	NE	42.84	NA	NA	NA	404.00		0.1	
4Q16		10/3/2016	NE	42.82	NA	NA	NA	404.02		0.3	
1Q17		1/16/2017	NE	41.91	NA	NA	NA	404.93		38.7	
2Q17		4/3/2017	NE	42.50	NA	NA	NA	404.34		0.0	
3Q17		7/5/2017	NE	41.47	NA	NA	NA	405.37		0.1	
4Q17		10/2/2017	NE	41.07	NA	NA	NA	405.77		0.7	
1Q18		1/2/2018	NE	42.82	NA	NA	NA	404.02		1.5	
2Q18		4/3/2018	43.73	43.74	403.10	403.11	0.01	403.11		0.0	
P 61											
3Q15	444.47	7/9/2015	45.99	47.05	397.42	398.48	1.06	398.27	398.80 - 373.80 (45.68 - 70.68)	0.1	
4Q15		10/1/2015	43.27	43.93	400.54	401.20	0.66	401.07		20.7	*
1Q16		1/5/2016	43.91	43.95	400.52	400.56	0.04	400.55		1.3	*
2Q16		4/4/2016	42.77	42.82	401.65	401.70	0.05	401.69		40.4	*
3Q16		7/6/2016	NE	41.63	NA	NA	NA	402.84		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		113.1	*
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		935.1	*
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		312.6	*
2Q18		4/4/2018	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at well - Unable to access
P 62											
3Q15	442.43	7/8/2015	43.49	44.42	398.01	398.94	0.93	398.75	400.96 - 375.96 (41.47 - 66.47)	0.3	
4Q15		10/2/2015	41.17	42.06	400.37	401.26	0.89	401.08		0.2	*
1Q16		1/5/2016	41.40	42.20	400.23	401.03	0.80	400.87		0.0	
2Q16		4/6/2016	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at well - Unable to access
3Q16		7/6/2016	39.34	40.09	402.34	403.09	0.75	402.94		0.1	*
4Q16		10/4/2016	38.63	38.70	403.73	403.80	0.07	403.79		268.2	*
1Q17		1/16/2017	NE	37.81	NA	NA	NA	404.62		118.6	*
2Q17		4/3/2017	38.04	38.13	404.30	404.39	0.09	404.37		187.9	*
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		200.7	*
1Q18		1/3/2018	39.05	39.09	403.34	403.38	0.04	403.37		344.7	*
2Q18		4/2/2018	40.03	41.01	401.42	402.40	0.98	402.20		151.0	*
P 63											
3Q15	445.85	7/7/2015	47.18	47.54	398.31	398.67	0.36	398.60	398.56 - 373.56 (47.29 - 72.29)	13.8	*
4Q15		10/2/2015	45.26	45.31	400.54	400.59	0.05	400.58		52.8	*
1Q16		1/5/2016	45.06	45.09	400.76	400.79	0.03	400.78		261.3	*
2Q16		4/4/2016	43.83	43.86	401.99	402.02	0.03	402.01		12.1	*
3Q16		7/6/2016	NE	43.46	NA	NA	NA	402.39		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		105.7	*
3Q17		7/6/2017	40.97	41.01	404.84	404.88	0.04	404.87		207.5	*
4Q17		10/3/2017	41.32	41.35	404.50	404.53	0.03	404.52		113.3	*
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	*
P 64											
3Q15	446.89	7/7/2015	48.38	48.62	398.27	398.51	0.24	398.46	399.66 - 374.66 (47.23 - 72.23)	171.4	
4Q15		10/2/2015	46.50	46.85	400.04	400.39	0.35	400.32		59.2	*
1Q16		1/5/2016	46.39	46.43	400.46	400.50	0.04	400.49		204.5	*
2Q16		4/4/2016	44.96	45.00	401.89	401.93	0.04	401.92		55.5	*
3Q16		7/6/2016	44.78	44.86	402.03	402.11	0.08	402.09		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		398.5	*
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		331.6	*
4Q17		10/3/2017	NE	42.60	NA	NA	NA	404.29		214.7	*
1Q18		1/3/2018	43.20	43.23	403.66	403.69	0.03	403.68		278.0	*
2Q18		4/4/2018	45.14	45.19	401.70	401.75	0.05	401.74		183.6	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
P 65											
3Q15	444.60	7/7/2015	NE	46.08	NA	NA	NA	398.52	397.58 - 372.58 (47.02 - 72.02)	2.9	*
4Q15		10/1/2015	43.83	43.84	400.76	400.77	0.01	400.77		35.8	*
1Q16		1/5/2016	NE	43.78	NA	NA	NA	400.82		4.0	*
2Q16		4/4/2016	NE	42.26	NA	NA	NA	402.34		0.3	*
3Q16		7/7/2016	NE	42.05	NA	NA	NA	402.55		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	*
P 66											
3Q15	436.81	7/7/2015	NE	37.34	NA	NA	NA	399.47	402.09 - 377.09 (34.72 - 59.72)	0.2	
4Q15		10/2/2015	NE	34.83	NA	NA	NA	401.98		425	
1Q16		1/6/2016	NE	34.68	NA	NA	NA	402.13		320.9	*
2Q16		4/5/2016	NE	34.34	NA	NA	NA	402.47		10.3	*
3Q16		7/8/2016	NE	33.74	NA	NA	NA	403.07		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		112.3	*
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		869.9	*
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	
P 67											
3Q15	444.10	7/7/2015	NE	43.27	NA	NA	NA	400.83	402.12 - 377.12 (41.98 - 66.98)	0.0	
4Q15		10/2/2015	NE	41.09	NA	NA	NA	403.01		30.1	*
1Q16		1/5/2016	NE	41.06	NA	NA	NA	403.04		0.4	*
2Q16		4/5/2016	NE	40.41	NA	NA	NA	403.69		42.1	*
3Q16		7/8/2016	NE	39.83	NA	NA	NA	404.27		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		365.7	*
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	*
P 68											
3Q15	445.18	7/9/2015	46.33	46.41	398.77	398.85	0.08	398.83	399.92 - 374.92 (45.26 - 70.26)	6.9	
4Q15		10/1/2015	43.89	43.96	401.22	401.29	0.07	401.28		246	*
1Q16		1/5/2016	44.35	44.40	400.78	400.83	0.05	400.82		70.0	*
2Q16		4/4/2016	43.15	43.23	401.95	402.03	0.08	402.01		196.7	*
3Q16		7/5/2016	40.80	41.86	403.32	404.38	1.06	404.17		196.9	*
4Q16		10/4/2016	42.52	42.59	402.59	402.66	0.07	402.65		182.6	*
1Q17		1/16/2017	40.70	40.71	404.47	404.48	0.01	404.48		100.9	*
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		180.8	*
4Q17		10/2/2017	39.54	39.56	405.62	405.64	0.02	405.64		125.0	*
1Q18		1/3/2018	42.05	42.07	403.11	403.13	0.02	403.13		137.4	*
2Q18		4/3/2018	42.89	42.94	402.24	402.29	0.05	402.28		92.0	*
P 69											
3Q15	443.40	7/9/2015	NE	45.08	NA	NA	NA	398.32	402.58 - 377.58 (40.82 - 65.82)	0.1	
4Q15		10/1/2015	NE	42.51	NA	NA	NA	400.89		2.2	
1Q16		1/6/2016	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at well - Unable to access
2Q16		4/4/2016	NE	41.84	NA	NA	NA	401.56		0.8	
3Q16		7/6/2016	NE	40.31	NA	NA	NA	403.09		237.9	*
4Q16		10/4/2016	NE	40.22	NA	NA	NA	403.18		121.7	*
1Q17		1/16/2017	NE	39.31	NA	NA	NA	404.09		337.3	*
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		142.0	*
4Q17		10/2/2017	NE	38.04	NA	NA	NA	405.36		210.1	*
1Q18		1/3/2018	NE	40.76	NA	NA	NA	402.64		119.9	*
2Q18		4/4/2018	NE	42.00	NA	NA	NA	401.40		0.0	
P 70											
3Q15	442.95	7/7/2015	44.34	44.95	398.00	398.61	0.61	398.49	398.28 - 373.28 (44.67 - 69.67)	270.4	*
4Q15		10/1/2015	41.70	42.35	400.60	401.25	0.65	401.12		315.2	*
1Q16		1/5/2016	42.22	42.47	400.48	400.73	0.25	400.68		170.0	*
2Q16		4/4/2016	41.07	41.11	401.84	401.88	0.04	401.87		212.8	*
3Q16		7/6/2016	NE	39.92	NA	NA	NA	403.03		388.8	*
4Q16		10/4/2016	39.40	39.45	403.50	403.55	0.05	403.54		345.3	*
1Q17		1/16/2017	38.52	38.57	404.38	404.43	0.05	404.42		289.1	*
2Q17		4/3/2017	38.81	38.84	404.11	404.14	0.03	404.13		131.7	*
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		186.5	*
1Q18		1/2/2018	40.03	40.06	402.89	402.92	0.03	402.91		282.1	*
2Q18		4/2/2018	40.94	40.98	401.97	402.01	0.04	402.00		90.4	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
P 71											
3Q15	444.94	7/7/2015	NE	45.02	NA	NA	NA	399.92	402.33 - 377.33 (42.61 - 67.61)	0.0	Gauging result anomalous
4Q15		10/1/2015	NE	43.59	NA	NA	NA	401.35		2.5	
1Q16		1/6/2016	NE	43.06	NA	NA	NA	401.88		68.2	
2Q16		4/4/2016	NE	42.27	NA	NA	NA	402.67		19.4	*
3Q16		7/7/2016	NE	41.75	NA	NA	NA	403.19		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		555.1	*
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	
P 72											
3Q15	444.49	7/7/2015	NE	45.56	NA	NA	NA	398.93	398.72 - 373.72 (45.77 - 70.77)	1.6	*
4Q15		10/1/2015	43.11	43.12	401.37	401.38	0.01	401.38		3.8	*
1Q16		1/6/2016	NE	42.67	NA	NA	NA	401.82		16.5	*
2Q16		4/4/2016	NE	41.82	NA	NA	NA	402.67		1.8	*
3Q16		7/6/2016	NE	41.55	NA	NA	NA	402.94		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	*
P 73											
3Q15	443.86	7/9/2015	NE	46.16	NA	NA	NA	397.70	402.27 - 377.27 (41.59 - 66.59)	0.1	
4Q15		10/1/2015	NE	43.05	NA	NA	NA	400.81		0.4	
1Q16		1/6/2016	NE	42.55	NA	NA	NA	401.31		0.0	
2Q16		4/4/2016	NE	42.44	NA	NA	NA	401.42		0.0	
3Q16		7/7/2016	NE	41.83	NA	NA	NA	402.03		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		111.5	*
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		848.2	*
4Q17		10/3/2017	NE	40.25	NA	NA	NA	403.61		127.0	*
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	
P 74											
3Q15	442.72	7/9/2015	NE	48.03	NA	NA	NA	394.69	398.29 - 373.29 (44.43 - 69.43)	0.1	Gauging result anomalous
4Q15		10/1/2015	NE	41.79	NA	NA	NA	400.93		0.0	*
1Q16		1/6/2016	NE	40.80	NA	NA	NA	401.92		0.4	*
2Q16		4/4/2016	NE	41.16	NA	NA	NA	401.56		0.3	*
3Q16		7/6/2016	NE	39.63	NA	NA	NA	403.09		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		0.0	*
P 75											
3Q15	446.42	7/7/2015	NE	47.44	NA	NA	NA	398.98	403.29 - 378.29 (43.13 - 68.13)	0.0	
4Q15		10/2/2015	NE	44.74	NA	NA	NA	401.68		0.0	
1Q16		1/5/2016	NE	44.70	NA	NA	NA	401.72		1.0	
2Q16		4/5/2016	NE	44.33	NA	NA	NA	402.09		0.2	
3Q16		7/8/2016	NE	43.81	NA	NA	NA	402.61		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	
P 82A											
3Q15	435.02	7/6/2015	NE	29.31	NA	NA	NA	405.71	401.81 - 386.81 (33.21 - 48.21)	0.3	*
4Q15		10/2/2015	NE	28.65	NA	NA	NA	406.37		0.2	*
1Q16		1/5/2016	NE	27.72	NA	NA	NA	407.30		0.0	*
2Q16		4/5/2016	NE	27.66	NA	NA	NA	407.36		0.0	*
3Q16		7/7/2016	NE	26.72	NA	NA	NA	408.30		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	*

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
P 82B											
3Q15	434.48	7/6/2015	NE	29.60	NA	NA	NA	404.88	370.88 - 368.88 (63.6 - 65.6)	0.2	*
4Q15		10/2/2015	NE	28.40	NA	NA	NA	406.08		0.3	*
1Q16		1/5/2016	NE	27.41	NA	NA	NA	407.07		0.0	*
2Q16		4/5/2016	NE	27.39	NA	NA	NA	407.09		0.2	*
3Q16		7/7/2016	NE	26.49	NA	NA	NA	407.99		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	*
P 82C											
3Q15	434.21	7/6/2015	NE	29.32	NA	NA	NA	404.89	351.44 - 349.44 (82.77 - 84.77)	0.2	*
4Q15		10/2/2015	NE	27.93	NA	NA	NA	406.28		0.1	*
1Q16		1/5/2016	NE	27.42	NA	NA	NA	406.79		0.0	*
2Q16		4/5/2016	NE	27.47	NA	NA	NA	406.74		0.0	*
3Q16		7/7/2016	NE	26.26	NA	NA	NA	407.95		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	*
P 82D											
3Q15	434.89	7/6/2015	NE	30.02	NA	NA	NA	404.87	323.47 - 321.47 (111.42 - 113.42)	0.2	*
4Q15		10/2/2015	NE	28.69	NA	NA	NA	406.20		0.3	*
1Q16		1/5/2016	NE	28.14	NA	NA	NA	406.75		0.0	*
2Q16		4/5/2016	NE	27.72	NA	NA	NA	407.17		0.0	*
3Q16		7/7/2016	NE	26.98	NA	NA	NA	407.91		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	*
P 83A											
3Q15	445.36	7/6/2015	NE	44.22	NA	NA	NA	401.14	398.71 - 383.71 (46.65 - 61.65)	0.7	*
4Q15		10/1/2015	NE	43.33	NA	NA	NA	402.03		0.1	*
1Q16		1/5/2016	NE	42.50	NA	NA	NA	402.86		0.1	*
2Q16		4/4/2016	NE	41.74	NA	NA	NA	403.62		0.0	*
3Q16		7/7/2016	NE	41.34	NA	NA	NA	404.02		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	*
P 83B											
3Q15	445.55	7/6/2015	NE	44.48	NA	NA	NA	401.07	375.90 - 373.90 (69.65 - 71.65)	2.7	*
4Q15		10/1/2015	NE	43.58	NA	NA	NA	401.97		0.0	*
1Q16		1/5/2016	NE	42.81	NA	NA	NA	402.74		0.0	*
2Q16		4/4/2016	NE	42.03	NA	NA	NA	403.52		0.0	*
3Q16		7/7/2016	NE	41.76	NA	NA	NA	403.79		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		11.00	*
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		0.0	*
P 83C											
3Q15	445.78	7/6/2015	NE	44.93	NA	NA	NA	400.85	353.39 - 351.39 (92.39 - 94.39)	0.6	*
4Q15		10/1/2015	NE	43.70	NA	NA	NA	402.08		0.5	*
1Q16		1/5/2016	NE	42.93	NA	NA	NA	402.85		0.1	*
2Q16		4/4/2016	NE	42.50	NA	NA	NA	403.28		0.2	*
3Q16		7/7/2016	NE	47.76	NA	NA	NA	398.02		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	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
P 83D											
3Q15	445.70	7/6/2015	NE	44.88	NA	NA	NA	400.82	311.99 - 309.99 (133.71 - 135.71)	4.0	*
4Q15		10/1/2015	NE	43.66	NA	NA	NA	402.04		0.1	*
1Q16		1/5/2016	NE	42.91	NA	NA	NA	402.79		0.0	*
2Q16		4/4/2016	NE	42.43	NA	NA	NA	403.27		0.0	*
3Q16		7/7/2016	NE	41.72	NA	NA	NA	403.98		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		0.0	*
P 84A											
3Q15	446.49	7/7/2015	NE	45.11	NA	NA	NA	401.38	397.99 - 382.99 (48.50 - 63.50)	0.0	*
4Q15		10/1/2015	NE	43.91	NA	NA	NA	402.58		0.0	*
1Q16		1/5/2016	NE	43.45	NA	NA	NA	403.04		0.0	*
2Q16		4/5/2016	NE	42.37	NA	NA	NA	404.12		0.0	*
3Q16		7/6/2016	NE	41.86	NA	NA	NA	404.63		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		0.0	*
P 84B											
3Q15	446.21	7/7/2015	NE	44.90	NA	NA	NA	401.31	372.71 - 370.71 (73.50 - 75.50)	0.0	*
4Q15		10/1/2015	NE	43.66	NA	NA	NA	402.55		0.0	*
1Q16		1/5/2016	NE	43.18	NA	NA	NA	403.03		0.6	*
2Q16		4/5/2016	NE	42.33	NA	NA	NA	403.88		0.0	*
3Q16		7/6/2016	NE	41.62	NA	NA	NA	404.59		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	*
P 84C											
3Q15	446.22	7/7/2015	NE	44.93	NA	NA	NA	401.29	352.17 - 350.17 (94.05 - 96.05)	0.0	*
4Q15		10/1/2015	NE	43.99	NA	NA	NA	402.23		0.0	*
1Q16		1/5/2016	NE	43.49	NA	NA	NA	402.73		0.0	*
2Q16		4/5/2016	NE	42.28	NA	NA	NA	403.94		0.0	*
3Q16		7/6/2016	NE	41.61	NA	NA	NA	404.61		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	*
P 84D											
3Q15	446.24	7/7/2015	NE	44.92	NA	NA	NA	401.32	325.09 - 323.09 (121.15 - 123.15)	0.0	*
4Q15		10/1/2015	NE	43.97	NA	NA	NA	402.27		0.0	*
1Q16		1/5/2016	NE	43.51	NA	NA	NA	402.73		0.6	*
2Q16		4/5/2016	NE	42.26	NA	NA	NA	403.98		0.0	*
3Q16		7/6/2016	NE	41.63	NA	NA	NA	404.61		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		0.0	
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		0.0	*
P 88A											
3Q15	443.09	7/7/2015	NE	35.93	NA	NA	NA	407.16	404.69 - 389.69 (38.40 - 53.40)	0.0	*
4Q15		10/2/2015	NE	34.26	NA	NA	NA	408.83		0.2	*
1Q16		1/5/2016	NE	34.35	NA	NA	NA	408.74		0.0	*
2Q16		4/5/2016	NE	33.21	NA	NA	NA	409.88		0.2	*
3Q16		7/7/2016	NE	32.80	NA	NA	NA	410.29		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	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
P 88B											
3Q15	443.16	7/7/2015	NE	35.94	NA	NA	NA	407.22	371.16 - 369.16 (72.00 - 74.00)	0.0	*
4Q15		10/2/2015	NE	34.50	NA	NA	NA	408.66		0.4	*
1Q16		1/5/2016	NE	34.41	NA	NA	NA	408.75		0.0	*
2Q16		4/5/2016	NE	33.43	NA	NA	NA	409.73		0.3	*
3Q16		7/7/2016	NE	32.92	NA	NA	NA	410.24		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	*
P 88C											
3Q15	443.13	7/7/2015	NE	36.21	NA	NA	NA	406.92	350.83 - 348.83 (92.30 - 94.30)	0.0	*
4Q15		10/2/2015	NE	34.28	NA	NA	NA	408.85		2.7	*
1Q16		1/5/2016	NE	34.39	NA	NA	NA	408.74		0.0	*
2Q16		4/5/2016	NE	33.20	NA	NA	NA	409.93		0.2	*
3Q16		7/7/2016	NE	32.87	NA	NA	NA	410.26		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	*
P 88D											
3Q15	443.20	7/7/2015	NE	36.30	NA	NA	NA	406.90	329.50 - 327.50 (113.70 - 115.70)	0.0	*
4Q15		10/2/2015	NE	34.85	NA	NA	NA	408.35		1.4	*
1Q16		1/5/2016	NE	34.61	NA	NA	NA	408.59		0.2	*
2Q16		4/5/2016	NE	33.82	NA	NA	NA	409.38		0.0	*
3Q16		7/7/2016	NE	32.98	NA	NA	NA	410.22		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	*
P 89B											
3Q15	447.44	7/7/2015	NE	43.36	NA	NA	NA	404.08	370.08 - 368.08 (77.36 - 79.36)	0.0	*
4Q15		10/1/2015	NE	42.17	NA	NA	NA	405.27		0.0	*
1Q16		1/5/2016	NE	42.16	NA	NA	NA	405.28		0.0	*
2Q16		4/4/2016	NE	40.69	NA	NA	NA	406.75		0.0	*
3Q16		7/5/2016	NE	40.72	NA	NA	NA	406.72		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	*
P 89C											
3Q15	447.76	7/7/2015	NE	43.73	NA	NA	NA	404.03	350.13 - 348.13 (97.63 - 99.63)	0.0	*
4Q15		10/1/2015	NE	42.54	NA	NA	NA	405.22		0.1	*
1Q16		1/5/2016	NE	42.52	NA	NA	NA	405.24		0.0	*
2Q16		4/4/2016	NE	41.04	NA	NA	NA	406.72		0.0	*
3Q16		7/5/2016	NE	41.05	NA	NA	NA	406.71		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	*
P 89D											
3Q15	447.63	7/7/2015	NE	43.73	NA	NA	NA	403.90	307.29 - 305.29 (140.34 - 142.34)	0.0	*
4Q15		10/1/2015	NE	42.56	NA	NA	NA	405.07		0.1	*
1Q16		1/5/2016	NE	42.56	NA	NA	NA	405.07		0.0	*
2Q16		4/4/2016	NE	40.94	NA	NA	NA	406.69		0.1	*
3Q16		7/5/2016	NE	41.08	NA	NA	NA	406.55		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	*

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
P 91A											
3Q15	447.24	7/7/2015	49.55	49.59	397.65	397.69	0.04	397.68	395.72 - 380.72 (51.51 - 66.51)	17.6	*
4Q15		10/2/2015	47.95	47.97	399.27	399.29	0.02	399.29		28.2	*
1Q16		1/5/2016	47.78	47.82	399.42	399.46	0.04	399.45		42.3	*
2Q16		4/4/2016	46.49	46.53	400.71	400.75	0.04	400.74		4.1	*
3Q16		7/7/2016	NE	44.12	NA	NA	NA	403.12		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		139.4	*
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		303.5	*
4Q17		10/3/2017	43.79	43.80	403.44	403.45	0.01	403.45		105.7	*
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	*
P 91B											
3Q15	447.28	7/7/2015	NE	49.62	NA	NA	NA	397.66	372.59 - 370.59 (74.69 - 76.69)	2.2	*
4Q15		10/2/2015	NE	48.03	NA	NA	NA	399.25		10.1	*
1Q16		1/5/2016	NE	47.88	NA	NA	NA	399.40		21.9	*
2Q16		4/4/2016	NE	46.67	NA	NA	NA	400.61		1.2	*
3Q16		7/7/2016	NE	46.56	NA	NA	NA	400.72		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		102.1	*
2Q18		4/3/2018	NE	45.45	NA	NA	NA	401.83		0.5	*
P 91C											
3Q15	447.07	7/7/2015	NE	49.39	NA	NA	NA	397.68	352.34 - 350.34 (94.73 - 96.73)	0.0	*
4Q15		10/2/2015	NE	47.79	NA	NA	NA	399.28		0.2	*
1Q16		1/5/2016	NE	47.63	NA	NA	NA	399.44		0.4	*
2Q16		4/4/2016	NE	46.39	NA	NA	NA	400.68		0.7	*
3Q16		7/7/2016	NE	46.32	NA	NA	NA	400.75		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	*
P 91D											
3Q15	447.06	7/7/2015	NE	49.39	NA	NA	NA	397.67	278.74 - 276.74 (168.32 - 170.32)	0.0	*
4Q15		10/2/2015	NE	47.78	NA	NA	NA	399.28		0.5	*
1Q16		1/5/2016	NE	47.64	NA	NA	NA	399.42		0.6	*
2Q16		4/4/2016	NE	44.01	NA	NA	NA	403.05		2.0	*
3Q16		7/7/2016	NE	46.31	NA	NA	NA	400.75		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	*
P 92A											
3Q15	446.24	7/7/2015	NE	48.05	NA	NA	NA	398.19	398.67 - 383.67 (47.57 - 62.57)	72.5	
4Q15		10/1/2015	45.90	45.91	400.33	400.34	0.01	400.34		63.4	*
1Q16		1/5/2016	45.91	45.93	400.31	400.33	0.02	400.33		77.1	*
2Q16		4/4/2016	44.17	44.21	402.03	402.07	0.04	402.06		72.9	*
3Q16		7/6/2016	NE	44.12	NA	NA	NA	402.12		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		215.3	*
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		118.8	*
2Q18		4/4/2018	44.83	44.84	401.40	401.41	0.01	401.41		31.5	*
P 92B											
3Q15	446.18	7/7/2015	NE	48.02	NA	NA	NA	398.16	372.53 - 370.53 (73.65 - 75.65)	0.5	*
4Q15		10/1/2015	NE	45.89	NA	NA	NA	400.29		0.6	*
1Q16		1/5/2016	NE	45.88	NA	NA	NA	400.30		0.0	*
2Q16		4/4/2016	NE	44.17	NA	NA	NA	402.01		0.3	*
3Q16		7/6/2016	NE	44.10	NA	NA	NA	402.08		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	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
P 92C											
3Q15	446.17	7/7/2015	NE	48.02	NA	NA	NA	398.15	353.21 - 348.21 (92.96 - 97.96)	0.7	*
4Q15		10/1/2015	NE	45.90	NA	NA	NA	400.27		44	*
1Q16		1/5/2016	NE	45.88	NA	NA	NA	400.29		9.1	*
2Q16		4/4/2016	NE	44.15	NA	NA	NA	402.02		2.1	*
3Q16		7/6/2016	NE	44.10	NA	NA	NA	402.07		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	*
P 92D											
3Q15	446.00	7/7/2015	NE	47.88	NA	NA	NA	398.12	305.00 - 303.00 (141.00 - 143.00)	2.2	*
4Q15		10/1/2015	NE	45.78	NA	NA	NA	400.22		0.0	*
1Q16		1/5/2016	NE	45.77	NA	NA	NA	400.23		0.0	*
2Q16		4/4/2016	NE	44.01	NA	NA	NA	401.99		0.3	*
3Q16		7/6/2016	NE	43.99	NA	NA	NA	402.01		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	*
P 93A											
3Q15	445.12	7/9/2015	NE	46.39	NA	NA	NA	398.73	402.05 - 392.05 (43.07 - 53.07)	0.0	
4Q15		10/1/2015	NE	43.64	NA	NA	NA	401.48		0.0	
1Q16		1/4/2016	NE	43.94	NA	NA	NA	401.18		0.0	
2Q16		4/4/2016	NE	43.08	NA	NA	NA	402.04		1.0	
3Q16		7/5/2016	NE	42.42	NA	NA	NA	402.70		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		151.9	*
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	
P 93B											
3Q15	446.52	7/9/2015	NE	47.76	NA	NA	NA	398.76	371.92 - 369.92 (74.60 - 76.60)	0.1	*
4Q15		10/1/2015	NE	45.18	NA	NA	NA	401.34		0.1	*
1Q16		1/4/2016	NE	45.30	NA	NA	NA	401.22		18.9	*
2Q16		4/4/2016	NE	44.54	NA	NA	NA	401.98		2.3	*
3Q16		7/5/2016	NE	43.75	NA	NA	NA	402.77		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		0.0	*
P 93C											
3Q15	446.28	7/9/2015	NE	47.55	NA	NA	NA	398.73	353.81 - 348.81 (92.47 - 97.47)	0.1	*
4Q15		10/1/2015	NE	44.83	NA	NA	NA	401.45		64.3	*
1Q16		1/4/2016	NE	45.04	NA	NA	NA	401.24		0.1	*
2Q16		4/4/2016	NE	44.20	NA	NA	NA	402.08		0.2	*
3Q16		7/5/2016	NE	43.57	NA	NA	NA	402.71		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		0.0	*
P 93D											
3Q15	446.73	7/9/2015	NE	47.96	NA	NA	NA	398.77	320.98 - 318.98 (125.75 - 127.75)	0.0	*
4Q15		10/1/2015	NE	45.27	NA	NA	NA	401.46		0.1	*
1Q16		1/4/2016	NE	45.45	NA	NA	NA	401.28		0.0	*
2Q16		4/4/2016	NE	44.61	NA	NA	NA	402.12		0.0	*
3Q16		7/5/2016	NE	43.97	NA	NA	NA	402.76		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	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
P 94											
3Q15	445.14	7/6/2015	NE	39.97	NA	NA	NA	405.17	399.29 - 384.29 (45.85 - 60.85)	0.2	*
4Q15		10/1/2015	NE	39.08	NA	NA	NA	406.06		0.0	*
1Q16		1/5/2016	NE	38.98	NA	NA	NA	406.16		0.0	*
2Q16		4/4/2016	NE	37.14	NA	NA	NA	408.00		0.0	*
3Q16		7/6/2016	NE	37.06	NA	NA	NA	408.08		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		0.0	*
P 95											
3Q15	443.42	7/7/2015	NE	33.83	NA	NA	NA	409.59	406.90 - 391.90 (36.52 - 51.52)	0.0	*
4Q15		10/2/2015	NE	32.55	NA	NA	NA	410.87		0.3	*
1Q16		1/5/2016	NE	32.50	NA	NA	NA	410.92		0.2	*
2Q16		4/5/2016	NE	31.37	NA	NA	NA	412.05		0.0	*
3Q16		7/7/2016	NE	30.95	NA	NA	NA	412.47		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	*
P 102											
3Q15	444.97	7/7/2015	NE	37.02	NA	NA	NA	407.95	402.22 - 382.22 (42.75 - 62.75)	0.2	*
4Q15		10/2/2015	NE	35.85	NA	NA	NA	409.12		16.6	*
1Q16		1/5/2016	NE	35.79	NA	NA	NA	409.18		0.0	*
2Q16		4/5/2016	NE	34.74	NA	NA	NA	410.23		3.6	*
3Q16		7/8/2016	NE	34.54	NA	NA	NA	410.43		17.8	*
4Q16		10/5/2016	NE	33.01	NA	NA	NA	411.96		105.2	*
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		106.9	*
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		631.1	*
1Q18		1/4/2018	NE	33.41	NA	NA	NA	411.56		363.2	*
2Q18		4/4/2018	NE	35.06	NA	NA	NA	409.91		0.2	*
P 114R (P 114)											
3Q15	432.45	7/8/2015	NM	NM	NA	NA	NA	NA	399.78 - 379.78 (32.67 - 52.67)	NM	Well damaged
4Q15	429.26	10/2/2015	NE	28.15	NA	NA	NA	401.11	406.25 - 396.25 (23.01 - 33.01)	71.9	Replaced during 3Q15
1Q16		1/6/2016	NE	25.73	NA	NA	NA	403.53		41.7	
2Q16		4/5/2016	NE	25.64	NA	NA	NA	403.62		28.1	
3Q16		7/8/2016	NE	24.95	NA	NA	NA	404.31		0.0	
4Q16		10/4/2016	NE	23.74	NA	NA	NA	405.52		51	
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	
P 115											
3Q15	433.36	7/8/2015	NE	30.94	NA	NA	NA	402.42	401.06 - 381.06 (32.30 - 52.30)	4.8	*
4Q15		10/2/2015	NE	30.13	NA	NA	NA	403.23		0.6	*
1Q16		1/5/2016	NE	29.61	NA	NA	NA	403.75		0.0	*
2Q16		4/5/2016	NE	29.64	NA	NA	NA	403.72		0.0	*
3Q16		7/8/2016	NE	28.87	NA	NA	NA	404.49		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	*
P 116											
3Q15	436.63	7/8/2015	NE	34.11	NA	NA	NA	402.52	399.19 - 379.19 (37.44 - 57.44)	1.6	*
4Q15		10/2/2015	NE	33.45	NA	NA	NA	403.18		1.3	*
1Q16		1/5/2016	NE	32.85	NA	NA	NA	403.78		0.0	*
2Q16		4/5/2016	NE	33.01	NA	NA	NA	403.62		0.0	*
3Q16		7/8/2016	NE	32.23	NA	NA	NA	404.40		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	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
P 117											
3Q15	432.71	7/8/2015	NE	30.16	NA	NA	NA	402.55	399.78 - 379.78 (32.93 - 52.93)	1.6	*
4Q15		10/2/2015	NE	29.64	NA	NA	NA	403.07		4.7	*
1Q16		1/6/2016	NE	28.77	NA	NA	NA	403.94		0.0	*
2Q16		4/5/2016	NE	29.18	NA	NA	NA	403.53		0.0	*
3Q16		7/8/2016	NE	28.39	NA	NA	NA	404.32		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	*
P 118											
3Q15	431.31	7/8/2015	NE	28.19	NA	NA	NA	403.12	400.19 - 384.26 (31.12 - 47.05)	1.5	*
4Q15		10/2/2015	NE	28.59	NA	NA	NA	402.72		0.3	*
1Q16		1/5/2016	NE	27.15	NA	NA	NA	404.16		0.0	*
2Q16		4/5/2016	NE	28.17	NA	NA	NA	403.14		0.0	*
3Q16		7/8/2016	NE	27.12	NA	NA	NA	404.19		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	*
P 119											
3Q15	431.90	7/8/2015	NE	30.41	NA	NA	NA	401.49	401.23 - 385.30 (30.67 - 46.60)	0.2	*
4Q15		10/2/2015	NE	28.77	NA	NA	NA	403.13		0.0	*
1Q16		1/5/2016	NE	28.52	NA	NA	NA	403.38		0.0	*
2Q16		4/5/2016	NE	28.28	NA	NA	NA	403.62		0.0	*
3Q16		7/8/2016	NE	27.61	NA	NA	NA	404.29		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	*
P 120											
3Q15	432.82	7/8/2015	NE	29.79	NA	NA	NA	403.03	401.44 - 385.51 (31.38 - 47.31)	0.2	*
4Q15		10/2/2015	NE	28.85	NA	NA	NA	403.97		0.0	*
1Q16		1/5/2016	NE	28.19	NA	NA	NA	404.63		0.0	*
2Q16		4/5/2016	NE	28.30	NA	NA	NA	404.52		0.0	*
3Q16		7/8/2016	NE	27.59	NA	NA	NA	405.23		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	*
P 129											
3Q15	432.43	7/8/2015	NE	27.81	NA	NA	NA	404.62	400.46 - 384.53 (31.97 - 47.9)	0.0	*
4Q15		10/2/2015	NE	30.38	NA	NA	NA	402.05		0.0	*
1Q16		1/6/2016	NE	26.90	NA	NA	NA	405.53		0.0	*
2Q16		4/5/2016	NE	30.18	NA	NA	NA	402.25		0.0	*
3Q16		7/8/2016	NE	28.77	NA	NA	NA	403.66		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	*
ROST 3 MW											
3Q15	442.29	7/6/2015	NE	42.69	NA	NA	NA	399.60	404.48 - 394.48 (37.81 - 47.81)	5.7	
4Q15		10/1/2015	NE	40.45	NA	NA	NA	401.84		0.1	
1Q16		1/4/2016	NE	40.84	NA	NA	NA	401.45		1.2	
2Q16		4/4/2016	NE	39.64	NA	NA	NA	402.65		0.0	
3Q16		7/6/2016	NE	38.51	NA	NA	NA	403.78		191.0	
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		181.7	*
2Q17		4/3/2017	NE	38.13	NA	NA	NA	404.16		247.7	
3Q17		7/5/2017	NE	36.64	NA	NA	NA	405.65		211.8	*
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		296.1	
2Q18		4/2/2018	NE	39.89	NA	NA	NA	402.40		1.3	

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
ROST 4 PZ											
3Q15	442.13	7/6/2015	NE	41.86	NA	NA	NA	400.27	407.20 - 397.20 (34.93 - 44.93)	0.0	
4Q15		10/1/2015	NE	39.70	NA	NA	NA	402.43		0.6	
1Q16		1/4/2016	NE	40.10	NA	NA	NA	402.03		0.0	
2Q16		4/4/2016	NE	38.75	NA	NA	NA	403.38		0.0	
3Q16		7/5/2016	NE	37.98	NA	NA	NA	404.15		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	
ROST 4 PZ(A)											
3Q15	442.11	7/6/2015	NE	42.07	NA	NA	NA	400.04	407.34 - 397.34 (34.77 - 44.77)	0.0	
4Q15		10/1/2015	NE	39.82	NA	NA	NA	402.29		0.6	
1Q16		1/4/2016	NE	39.78	NA	NA	NA	402.33		0.0	
2Q16		4/4/2016	NE	38.18	NA	NA	NA	403.93		8.6	
3Q16		7/5/2016	NE	36.89	NA	NA	NA	405.22		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	
ROST 4 PZ(B)											
3Q15	442.38	7/6/2015	NE	41.84	NA	NA	NA	400.54	407.33 - 397.33 (35.05 - 45.05)	0.0	
4Q15		10/1/2015	NE	39.36	NA	NA	NA	403.02		0.6	
1Q16		1/4/2016	NE	40.06	NA	NA	NA	402.32		0.0	
2Q16		4/4/2016	NE	38.54	NA	NA	NA	403.84		0.7	
3Q16		7/5/2016	NE	37.89	NA	NA	NA	404.49		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	
ROST 4 PZ(C)											
3Q15	442.66	7/6/2015	NE	42.78	NA	NA	NA	399.88	407.71 - 397.71 (34.95 - 44.95)	1.1	
4Q15		10/1/2015	NE	40.63	NA	NA	NA	402.03		0.6	
1Q16		1/4/2016	NE	41.11	NA	NA	NA	401.55		0.0	
2Q16		4/4/2016	NE	39.73	NA	NA	NA	402.93		0.0	
3Q16		7/6/2016	NE	38.77	NA	NA	NA	403.89		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	
ROST 4 PZ(D)											
3Q15	442.98	7/6/2015	NE	42.65	NA	NA	NA	400.33	408.01 - 398.01 (34.97 - 44.97)	0.3	
4Q15		10/1/2015	NE	40.48	NA	NA	NA	402.50		0.6	
1Q16		1/4/2016	NE	40.95	NA	NA	NA	402.03		0.0	
2Q16		4/4/2016	NE	39.60	NA	NA	NA	403.38		0.0	
3Q16		7/6/2016	NE	38.67	NA	NA	NA	404.31		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	
ROST 4 PZ(E)											
3Q15	441.96	7/6/2015	41.41	41.44	400.52	400.55	0.03	400.54	407.21 - 397.21 (34.75 - 44.75)	0.0	
4Q15		10/1/2015	NE	39.41	NA	NA	NA	402.55		0.6	
1Q16		1/4/2016	NE	39.68	NA	NA	NA	402.28		4.4	
2Q16		4/4/2016	NE	38.63	NA	NA	NA	403.33		0.0	
3Q16		7/5/2016	NE	37.86	NA	NA	NA	404.10		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	

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
ROST 4 PZ(F)											
3Q15	442.12	7/6/2015	NE	40.81	NA	NA	NA	401.31	407.59 - 397.59 (34.53 - 44.53)	0.0	
4Q15		10/1/2015	NE	39.46	NA	NA	NA	402.66		0.5	
1Q16		1/4/2016	NE	39.77	NA	NA	NA	402.35		0.0	
2Q16		4/4/2016	NE	38.75	NA	NA	NA	403.37		0.0	
3Q16		7/5/2016	NE	38.10	NA	NA	NA	404.02		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	
ROST 4 PZ(G)											
3Q15	442.13	7/6/2015	NE	42.80	NA	NA	NA	399.33	407.85 - 397.85 (34.28 - 44.28)	0.0	
4Q15		10/1/2015	NE	40.55	NA	NA	NA	401.58		0.1	
1Q16		1/4/2016	NE	41.02	NA	NA	NA	401.11		0.7	
2Q16		4/4/2016	NE	39.81	NA	NA	NA	402.32		0.0	
3Q16		7/6/2016	NE	38.34	NA	NA	NA	403.79		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		271.8	
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	
S 1											
3Q15	443.90	7/7/2015	45.37	45.68	398.22	398.53	0.31	398.47	Unknown	30.5	
4Q15		10/1/2015	42.82	42.90	401.00	401.08	0.08	401.06		138	
1Q16		1/5/2016	42.59	42.62	401.28	401.31	0.03	401.30		241.6	
2Q16		4/4/2016	41.66	41.98	401.92	402.24	0.32	402.18		156.2	
3Q16		7/6/2016	NE	39.12	NA	NA	NA	404.78		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		419.5	
2Q17		4/3/2017	39.35	39.41	404.49	404.55	0.06	404.54		356.0	
3Q17		7/6/2017	39.02	39.08	404.82	404.88	0.06	404.87		602.2	
4Q17		10/3/2017	39.45	39.61	404.29	404.45	0.16	404.42		163.2	
1Q18		1/3/2018	40.78	40.85	403.05	403.12	0.07	403.11		184.6	
2Q18		4/4/2018	42.44	42.50	401.40	401.46	0.06	401.45		191.3	
T 1											
3Q15	445.40	7/7/2015	NE	44.86	NA	NA	NA	400.54	398.40 - 388.40 (47.00 - 57.00)	0.0	*
4Q15		10/1/2015	NE	42.89	NA	NA	NA	402.51		0.0	*
1Q16		1/4/2016	NE	43.11	NA	NA	NA	402.29		0.0	*
2Q16		4/4/2016	NE	42.04	NA	NA	NA	403.36		0.0	*
3Q16		7/7/2016	NM	NM	NA	NA	NA	NA		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	*
T 2											
3Q15	443.21	7/7/2015	NE	43.32	NA	NA	NA	399.89	392.72 - 372.56 (50.49 - 70.64)	0.0	*
4Q15		10/1/2015	NE	41.55	NA	NA	NA	401.66		0.0	*
1Q16		1/5/2016	NE	41.40	NA	NA	NA	401.81		0.0	*
2Q16		4/4/2016	NE	40.28	NA	NA	NA	402.93		3.5	*
3Q16		7/5/2016	NE	39.67	NA	NA	NA	403.54		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	*
T 3											
3Q15	449.03	7/7/2015	NE	50.18	NA	NA	NA	398.85	403.81 - 388.81 (45.22 - 60.22)	0.0	
4Q15		10/2/2015	NE	48.64	NA	NA	NA	400.39		0.2	
1Q16		1/5/2016	NE	48.55	NA	NA	NA	400.48		0.1	
2Q16		4/4/2016	NE	47.07	NA	NA	NA	401.96		0.8	
3Q16		7/5/2016	NE	46.89	NA	NA	NA	402.14		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	

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
T 4											
3Q15	446.63	7/7/2015	NE	48.26	NA	NA	NA	398.37	398.32 - 383.32 (48.31 - 63.31)	0.0	*
4Q15		10/2/2015	NE	46.91	NA	NA	NA	399.72		0.0	*
1Q16		1/5/2016	NE	46.73	NA	NA	NA	399.90		0.2	*
2Q16		4/4/2016	NE	44.77	NA	NA	NA	401.86		0.1	*
3Q16		7/7/2016	NE	45.04	NA	NA	NA	401.59		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	*
T 5											
3Q15	443.47	7/7/2015	NE	44.19	NA	NA	NA	399.28	395.14 - 378.59 (48.33 - 64.88)	20.0	*
4Q15		10/1/2015	NE	41.89	NA	NA	NA	401.58		5.9	*
1Q16		1/6/2016	NE	41.74	NA	NA	NA	401.73		6.9	*
2Q16		4/4/2016	NE	40.47	NA	NA	NA	403.00		0.3	*
3Q16		7/6/2016	NE	40.30	NA	NA	NA	403.17		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
T 6											
3Q15	446.61	7/9/2015	NE	47.97	NA	NA	NA	398.64	394.85 - 380.60 (51.76 - 66.01)	0.3	*
4Q15		10/1/2015	NE	45.20	NA	NA	NA	401.41		0.2	*
1Q16		1/4/2016	NE	45.40	NA	NA	NA	401.21		0.3	*
2Q16		4/4/2016	NE	44.43	NA	NA	NA	402.18		0.3	*
3Q16		7/5/2016	NE	43.81	NA	NA	NA	402.80		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	*
T 7											
3Q15	444.04	7/7/2015	NE	43.24	NA	NA	NA	400.80	395.32 - 380.32 (48.72 - 63.72)	3.8	*
4Q15		10/2/2015	NE	41.09	NA	NA	NA	402.95		15.6	*
1Q16		1/5/2016	NE	41.02	NA	NA	NA	403.02		4.3	*
2Q16		4/5/2016	NE	40.38	NA	NA	NA	403.66		3.4	*
3Q16		7/8/2016	NE	39.84	NA	NA	NA	404.20		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	*
T 12											
3Q15	444.80	7/9/2015	NE	46.20	NA	NA	NA	398.60	397.97 - 371.97 (46.83 - 72.83)	4.4	*
4Q15		10/1/2015	NE	43.79	NA	NA	NA	401.01		3.1	*
1Q16		1/4/2016	NE	44.43	NA	NA	NA	400.37		0.2	*
2Q16		4/4/2016	NE	43.10	NA	NA	NA	401.70		0.7	*
3Q16		7/5/2016	NE	41.39	NA	NA	NA	403.41		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	*
T 13											
3Q15	443.96	7/8/2015	NE	42.90	NA	NA	NA	401.06	396.46 - 370.46 (47.50 - 73.50)	0.1	*
4Q15		10/1/2015	NE	41.15	NA	NA	NA	402.81		0.0	*
1Q16		1/4/2016	NE	41.04	NA	NA	NA	402.92		0.0	*
2Q16		4/4/2016	NE	40.04	NA	NA	NA	403.92		0.0	*
3Q16		7/5/2016	NE	39.25	NA	NA	NA	404.71		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 43.8 - 69.8)	0.0	*

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
T 15											
3Q15	445.14	7/7/2015	NE	44.93	NA	NA	NA	400.21	397.10 - 371.10 (48.04 - 74.04)	0.0	*
4Q15		10/2/2015	NE	43.54	NA	NA	NA	401.60		0.0	*
1Q16		1/5/2016	NE	43.20	NA	NA	NA	401.94		0.0	*
2Q16		4/4/2016	NE	42.13	NA	NA	NA	403.01		0.7	*
3Q16		7/5/2016	NE	41.64	NA	NA	NA	403.50		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	*
T 17											
3Q15	446.01	7/7/2015	NE	43.22	NA	NA	NA	402.79	401.91 - 375.91 (44.10 - 70.10)	0.0	*
4Q15		10/2/2015	NE	42.29	NA	NA	NA	403.72		0.1	*
1Q16		1/5/2016	NE	42.21	NA	NA	NA	403.80		0.1	*
2Q16		4/4/2016	NE	40.37	NA	NA	NA	405.64		0.0	*
3Q16		7/5/2016	NE	40.41	NA	NA	NA	405.60		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	*
T 19											
3Q15	446.79	7/7/2015	NE	48.40	NA	NA	NA	398.39	396.02 - 370.02 (50.77 - 76.77)	21.6	*
4Q15		10/2/2015	NE	46.97	NA	NA	NA	399.82		8.1	*
1Q16		1/5/2016	NE	46.83	NA	NA	NA	399.96		8.5	*
2Q16		4/4/2016	NE	44.80	NA	NA	NA	401.99		3.1	*
3Q16		7/7/2016	NE	45.11	NA	NA	NA	401.68		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		235.6	*
2Q18		4/4/2018	NE	45.19	NA	NA	NA	401.60		7.6	*
T 21											
3Q15	443.99	7/7/2015	NE	33.88	NA	NA	NA	410.11	412.03 - 386.03 (31.96 - 57.96)	0.0	
4Q15		10/2/2015	NE	32.70	NA	NA	NA	411.29		0.9	
1Q16		1/5/2016	NE	32.70	NA	NA	NA	411.29		0.0	
2Q16		4/5/2016	NE	31.70	NA	NA	NA	412.29		0.0	*
3Q16		7/7/2016	NE	31.08	NA	NA	NA	412.91		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	
T 22											
3Q15	442.19	7/7/2015	NE	35.51	NA	NA	NA	406.68	410.64 - 384.94 (31.55 - 57.25)	10.7	
4Q15		10/2/2015	NE	34.08	NA	NA	NA	408.11		0.0	
1Q16		1/5/2016	NE	33.86	NA	NA	NA	408.33		0.0	
2Q16		4/5/2016	NE	33.11	NA	NA	NA	409.08		0.0	
3Q16		7/7/2016	NE	32.47	NA	NA	NA	409.72		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	
T 23											
3Q15	432.69	7/6/2015	NE	27.93	NA	NA	NA	404.76	405.46 - 379.46 (27.23 - 53.23)	0.3	
4Q15		10/2/2015	NE	26.97	NA	NA	NA	405.72		1.0	*
1Q16		1/5/2016	NE	25.98	NA	NA	NA	406.71		0.0	*
2Q16		4/5/2016	NE	26.00	NA	NA	NA	406.69		0.0	*
3Q16		7/7/2016	NE	25.07	NA	NA	NA	407.62		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

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
T 24											
3Q15	443.81	7/8/2015	NM	NM	NA	NA	NA	NA	402.31 - 376.66 (41.50 - 67.15)	NM	Unsafe condition at well - Unable to access
4Q15		10/1/2015	42.51	42.63	401.18	401.30	0.12	401.28		1.4	
1Q16		1/5/2016	42.70	43.50	400.31	401.11	0.80	400.95		0.0	
2Q16		4/5/2016	41.61	42.16	401.65	402.20	0.55	402.09		2.6	
3Q16		7/6/2016	NE	40.54	NA	NA	NA	403.27		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	
T 28											
3Q15	444.43	7/8/2015	NM	NM	NA	NA	NA	NA	Unknown	NM	Unsafe condition at well - Unable to access
4Q15		10/1/2015	NE	42.23	NA	NA	NA	402.20		0.3	
1Q16		1/5/2016	NE	41.60	NA	NA	NA	402.83		0.0	
2Q16		4/4/2016	NE	40.39	NA	NA	NA	404.04		0.0	
3Q16		7/7/2016	NE	40.35	NA	NA	NA	404.08		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	
T 37											
3Q15	447.25	7/7/2015	NE	43.21	NA	NA	NA	404.04	398.40 - 378.40 (48.85 - 68.85)	0.0	*
4Q15		10/1/2015	NE	42.03	NA	NA	NA	405.22		0.0	*
1Q16		1/5/2016	NE	42.01	NA	NA	NA	405.24		0.1	*
2Q16		4/4/2016	NE	40.54	NA	NA	NA	406.71		0.1	*
3Q16		7/5/2016	NE	40.55	NA	NA	NA	406.70		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	*
T 38											
3Q15	445.67	7/7/2015	NE	39.66	NA	NA	NA	406.01	396.53 - 376.53 (49.14 - 69.14)	0.0	*
4Q15		10/1/2015	NE	38.67	NA	NA	NA	407.00		0.0	*
1Q16		1/5/2016	NE	38.52	NA	NA	NA	407.15		0.0	*
2Q16		4/4/2016	NE	37.67	NA	NA	NA	408.00		0.0	*
3Q16		7/5/2016	NE	37.57	NA	NA	NA	408.10		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	*
T 62											
3Q15	431.99	7/8/2015	NE	29.43	NA	NA	NA	402.56	412.28 - 382.28 (19.71 - 49.71)	35.4	
4Q15		10/2/2015	NE	28.22	NA	NA	NA	403.77		0.0	
1Q16		1/5/2016	NE	27.87	NA	NA	NA	404.12		61.2	
2Q16		4/5/2016	NE	27.74	NA	NA	NA	404.25		0.1	
3Q16		7/8/2016	NE	27.04	NA	NA	NA	404.95		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	
T 63											
3Q15	431.43	7/8/2015	NM	NM	NA	NA	NA	NA	411.45 - 381.45 (19.98 - 49.98)	NM	Unsafe condition at well - Unable to access
4Q15		10/2/2015	NE	27.78	NA	NA	NA	403.65		0.8	
1Q16		1/5/2016	NE	27.22	NA	NA	NA	404.21		0.3	
2Q16		4/5/2016	NE	27.33	NA	NA	NA	404.10		0.0	
3Q16		7/8/2016	NE	26.55	NA	NA	NA	404.88		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	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.[1])	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.[1])	PRODUCT (elev.[1])	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL[2] (elev.[1])	SCREENED INTERVAL (elev.[1]) (ft btoc)	WELL HEAD PID[3] (ppm)	COMMENTS
T 64											
3Q15	428.93	7/8/2015	NE	25.37	NA	NA	NA	403.56	409.12 - 379.12 (19.81 - 49.81)	172.1	
4Q15		10/2/2015	NE	25.61	NA	NA	NA	403.32		1.2	
1Q16		1/5/2016	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at well - Unable to access
2Q16		4/5/2016	NE	25.26	NA	NA	NA	403.67		0.0	
3Q16		7/8/2016	NE	24.24	NA	NA	NA	404.69		0.0	
4Q16		10/4/2016	NE	23.11	NA	NA	NA	405.82		153.3	
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

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 mon toring wells was adjusted based on an evaluation of the resu ts of annual bottom depth gauging conducted in 1Q18.

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

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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	7/24/17	74.5	0.0	N/A	50.7	0.0	0.0	0.3	0.0	0	1.2	19.1
		10/26/17	50.7	4.3	N/A	55.0	0.1	0.0	0.4	0.0	0	0.5	20.3
		1/26/18	56.5	0.0	N/A	63.9	0.0	0.0	0.3	0.0	0	0.1	20.7
		4/27/18	51.8	0.0	N/A	51.2	0.0	0.0	0.4	0.0	0	0.1	20.7
	8.5	7/24/17	71.2	0.0	N/A	52.4	0.0	0.0	0.3	0.0	0	0.8	19.7
		10/26/17	53.9	0.0	N/A	53.1	0.0	0.0	0.3	0.0	0	0.5	20.4
		1/24/18	50.2	0.0	N/A	51.8	0.0	0.0	0.2	0.0	0	0.2	19.5
		4/27/18	54.1	0.0	N/A	51.7	0.0	0.0	0.4	0.0	0	0.1	20.5
	23.5	7/24/17	56.6	0.0	N/A	53.9	0.0	0.0	0.3	0.0	0	0.8	19.8
		10/26/17	52.3	0.0	N/A	65.8	0.0	0.0	0.8	0.0	0	0.8	20.2
		1/26/18	80.7	0.0	N/A	54.8	0.5	0.0	0.2	0.0	0	0.2	20.8
		4/27/18	51.4	0.0	N/A	51.3	0.0	0.0	0.5	0.0	0	0.1	20.4
	38.5	7/24/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/26/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/26/18[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/27/18[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-2	5	7/24/17	56.4	0.0	N/A	55.5	0.0	0.0	0.2	0.0	0	8.2	11.8
		10/26/17	53.3	0.0	N/A	52.7	0.0	0.0	0.3	0.0	0	4.2	17.3
		1/29/18	59.3	0.0	N/A	55.1	0.0	0.0	0.4	0.0	0	1.5	19.8
		3/28/18	65.0	0.0	N/A	51.4	0.0	0.0	0.4	0.0	0	1.4	20.3
		4/10/18	53.2	0.0	N/A	54.2	0.0	0.0	0.5	0.0	0	1.4	19.4
	8.5	7/24/17	55.5	0.0	N/A	54.3	0.0	0.0	0.3	0.0	0	4.0	15.5
		10/26/17	51.9	0.0	N/A	53.4	0.0	0.0	0.4	0.0	0	4.7	17.0
		1/29/18	55.7	0.0	N/A	54.4	0.0	0.0	0.5	0.0	0	2.5	19.6
		3/28/18	63.4	0.0	N/A	55.9	0.0	0.0	0.4	0.0	0	1.9	19.9
		4/10/18	54.8	0.0	N/A	58.9	0.0	0.0	0.6	0.0	0	1.7	19.7
	22	7/24/17	74.6	0.0	N/A	50.7	0.0	0.0	0.3	0.0	0	2.4	17.6
		10/26/17	51.1	0.0	N/A	52.6	0.0	0.0	0.3	0.0	0	3.9	17.4
		1/29/18	54.8	0.0	N/A	53.9	0.0	0.0	0.9	0.0	0	1.9	19.8
		3/28/18	73.1	0.0	N/A	50.5	0.0	0.0	0.3	0.0	0	1.9	20.1
		4/10/18	54.7	0.0	N/A	51.6	0.0	0.0	0.5	0.0	0	2.0	19.1
	42	7/24/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/26/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/29/18[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		3/28/18[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/10/18[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-3	5	7/20/17	54.2	0.2	N/A	53.0	0.0	0.0	0.4	0.0	0	1.0	19.4
		10/26/17	61.3	0.2	N/A	50.4	4.7	0.0	0.2	0.0	0	0.0	19.8
		1/23/18	52.8	0.0	N/A	50.2	0.0	0.0	0.2	0.0	0	0.2	20.9
		4/27/18	54.5	0.0	N/A	50.2	0.7	0.0	0.1	0.0	0	0.0	20.5
	10	7/20/17	51.6	0.0	N/A	50.9	0.0	0.0	0.7	0.0	0	1.0	18.8
		10/26/17	53.0	0.1	N/A	62.7	0.5	0.0	0.3	0.0	0	0.1	20.4
		1/23/18	55.9	0.1	N/A	50.6	0.5	0.0	0.1	0.0	0	0.0	20.7
		4/27/18	58.2	0.0	N/A	56.0	0.0	0.4	0.4	0.0	0	0.1	20.4
	22	7/20/17	55.1	0.0	N/A	52.3	0.0	0.0	0.6	0.0	0	0.9	19.4
		10/26/17	52.9	0.0	N/A	52.6	0.0	0.0	0.4	0.0	0	0.9	19.9
		1/23/18	53.7	0.0	N/A	51.3	0.0	0.0	0.2	0.0	0	0.7	20.6
		4/27/18	53.3	0.0	N/A	50.6	0.0	0.0	0.2	0.0	0	0.4	20.0
	31.5	7/20/17	54.9	0.0	N/A	51.9	0.0	11.7	2.4	0.0	0	2.7	16.9
		10/26/17	51.6	0.0	N/A	50.7	0.0	239	0.3	0.0	0	3.9	17.2
		1/23/18[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/27/18	53.7	0.0	N/A	50.6	0.0	0.0	0.3	0.0	0	3.6	17.9
	39	7/20/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/26/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/23/18[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/27/18	65.5	0.0	N/A	55.5	0.0	6.4	0.9	0.0	0	5.8	15.3
VMP-4	5	7/25/17	50.4	0.0	N/A	51.9	0.0	0.0	0.7	0.0	0	0.5	20.9
		11/1/17	53.7	0.0	N/A	50.2	0.0	0.0	0.4	0.0	0	0.1	20.9
		1/23/18	68.1	0.0	N/A	57.1	0.0	0.0	0.1	0.0	0	0.0	20.9
		4/11/18	54.2	0.0	N/A	51.6	0.0	0.0	1.1	0.0	0	0.2	20.3
	12	7/25/17	50.5	0.0	N/A	50.4	0.1	0.0	0.6	0.0	0	1.6	20.0
		11/1/17	51.1	0.0	N/A	52.4	0.0	0.0	0.4	0.0	0	1.3	20.2
		1/23/18	68.5	0.0	N/A	53.2	0.0	0.0	0.1	0.0	0	0.5	20.6
		4/11/18	55.5	0.0	N/A	52.1	0.0	0.0	0.9	0.0	0	0.3	19.9
	23.5	7/25/17	52.0	0.1	N/A	50.6	0.2	42.6	2.7	0.0	0	1.5	19.1
		11/1/17	50.1	0.0	N/A	55.1	0.0	33.6	0.5	0.0	0	2.8	19.5
		1/23/18	64.1	0.0	N/A	52.5	0.0	1.3	0.5	0.0	0	2.8	18.1
		4/11/18	53.8	0.0	N/A	52.3	0.0	480	35.5	0.2	4	1.8	18.1
	39	7/25/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/1/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/23/18[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/11/18[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
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	7/20/17	57.2	0.0	N/A	52.6	0.0	0.0	0.3	0.0	0	0.1	20.8
		10/30/17	55.6	0.0	N/A	53.5	0.0	0.0	0.2	0.0	0	0.2	20.8
		1/25/18	51.4	0.0	N/A	51.6	0.0	0.0	0.3	0.0	0	0.1	20.3
		4/16/18	86.0	0.0	N/A	56.7	0.0	0.0	0.6	0.0	0	0.1	20.7
	12.5	7/20/17	62.1	0.0	N/A	61.6	0.0	0.0	0.3	0.0	0	0.4	20.5
		10/30/17	53.9	0.0	N/A	51.4	0.0	0.0	0.2	0.0	0	0.5	20.8
		1/25/18	52.1	0.0	N/A	51.2	0.0	0.0	0.2	0.0	0	0.3	20.5
		4/16/18	55.5	0.0	N/A	50.0	0.0	0.0	0.5	0.0	0	0.5	20.2
	31	7/20/17	55.3	0.0	N/A	57.0	0.0	0.0	0.3	0.0	0	0.6	20.2
		10/30/17	52.3	0.0	N/A	54.6	0.0	0.0	0.3	0.0	0	0.7	20.7
		1/25/18	52.6	0.0	N/A	50.7	0.0	0.6	0.2	0.0	0	0.7	20.2
		4/16/18	54.6	0.0	N/A	52.0	0.0	0.0	0.6	0.0	0	0.8	20.1
	40	7/20/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/30/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/25/18	53.0	0.0	N/A	51.1	0.0	1.3	0.2	0.0	0	0.8	20.3
		4/16/18	64.4	0.0	N/A	62.3	0.0	0.0	0.2	0.0	0	1.0	19.8
VMP-6	5	7/21/17	52.6	0.0	N/A	52.0	4.4	0.0	0.2	0.0	0	0.0	19.8
		10/31/17[7]	73.4	0.0	N/A	56.0	0.8	0.0	0.4	0.0	0	0.0	20.7
		1/24/18	53.4	0.0	N/A	51.1	1.9	0.0	0.1	0.0	0	0.0	20.0
		4/23/18	55.9	0.0	N/A	50.3	0.0	0.0	0.6	0.0	0	0.0	20.9
	10	7/21/17	56.4	1.4	N/A	56.6	0.4	0.0	0.3	0.0	0	0.5	20.3
		10/31/17	55.0	0.2	N/A	50.1	0.2	0.0	0.3	0.0	0	0.2	20.8
		1/24/18	54.3	0.3	N/A	51.7	0.2	0.0	0.3	0.0	0	0.1	20.6
		4/23/18	54.5	0.0	N/A	50.8	0.0	0.0	0.4	0.0	0	0.2	20.4
	31.5	7/21/17	53.4	0.0	N/A	60.7	0.0	0.0	0.3	0.0	0	1.2	19.8
		10/31/17	50.1	0.0	N/A	52.9	0.0	0.0	0.3	0.0	0	1.2	20.3
		1/31/18[8]	56.5	0.0	N/A	53.8	0.0	0.0	0.4	0.0	0	1.4	19.7
		4/23/18	58.0	0.0	N/A	58.9	0.0	0.0	0.4	0.0	0	1.0	19.7
	39	7/21/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/31/17	54.3	0.0	N/A	55.7	0.0	0.0	0.3	0.0	0	1.2	20.2
		1/24/18	55.6	0.8	N/A	50.8	1.3	365	2.3	0.0	0	0.1	20.3
		4/23/18	53.4	0.0	N/A	51.1	0.0	0.0	0.3	0.0	0	1.6	19.2
VMP-7	5	7/21/17	56.3	0.0	N/A	65.3	0.0	0.0	0.2	0.0	0	0.1	20.6
		10/25/17	50.7	0.0	N/A	51.0	0.0	0.0	0.3	0.0	0	0.1	20.7
		1/25/18	56.3	0.0	N/A	52.4	0.0	0.0	0.3	0.0	0	0.0	20.7
		4/23/18	65.3	0.0	N/A	59.5	0.0	0.0	0.6	0.0	0	0.1	20.5
	13.5	7/21/17	55.6	0.0	N/A	65.0	0.0	0.0	0.2	0.0	0	0.3	20.6
		10/25/17	51.9	0.0	N/A	52.0	0.0	0.0	0.3	0.0	0	0.1	20.6
		1/25/18	53.4	0.0	N/A	51.9	0.0	0.0	0.2	0.0	0	0.0	20.9
		4/23/18	66.1	0.0	N/A	54.3	0.0	0.0	0.5	0.0	0	0.2	20.4
	29.5	7/21/17	56.1	0.0	N/A	66.2	0.0	0.0	0.4	0.0	0	1.6	19.2
		10/25/17	50.7	0.0	N/A	51.4	0.0	0.0	0.4	0.0	0	1.4	19.8
		1/25/18	53.1	0.0	N/A	51.4	0.0	0.0	0.2	0.0	0	0.8	20.4
		4/23/18	70.0	0.0	N/A	58.6	0.0	0.0	0.5	0.0	0	0.6	20.1
	38	7/21/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/25/17	51.6	0.0	N/A	50.7	0.0	0.0	0.3	0.0	0	1.7	19.6
		1/25/18	53.7	0.0	N/A	51.3	0.0	0.0	0.2	0.0	0	1.6	19.7
		4/23/18	58.5	0.0	N/A	50.7	0.0	0.0	1.0	0.0	0	1.0	19.8
VMP-8	5	7/19/17	53.8	0.0	N/A	51.7	0.0	0.0	0.7	0.0	0	1.4	19.5
		10/30/17	50.5	0.0	N/A	52.5	0.0	0.0	0.3	0.0	0	0.9	20.5
		1/22/18	52.5	0.0	N/A	57.8	0.0	0.0	0.1	0.0	0	0.4	20.4
		4/10/18	52.2	0.0	N/A	51.4	0.0	4.6	3.1	0.0	0	0.5	20.1
	9.5	7/19/17	64.1	0.0	N/A	59.1	0.0	0.0	0.6	0.0	0	2.5	18.6
		10/30/17	50.0	0.0	N/A	50.7	0.0	0.0	0.3	0.0	0	2.6	19.4
		1/22/18	53.6	0.0	N/A	56.6	0.0	0.0	0.2	0.0	0	1.9	19.5
		4/10/18	56.2	0.0	N/A	53.1	0.0	0.0	0.4	0.0	0	1.1	19.3
	23.5	7/19/17	64.4	0.0	N/A	59.6	0.0	0.0	0.6	0.0	0	2.7	18.2
		10/30/17	53.1	0.0	N/A	52.8	0.0	0.0	0.2	0.0	0	3.4	19.1
		1/22/18	54.5	0.0	N/A	50.4	0.0	0.0	0.2	0.0	0	1.0	20.3
		4/10/18	50.6	0.0	N/A	50.3	0.0	0.0	0.6	0.0	0	2.0	18.2
	35.5	7/19/17	53.6	0.4	N/A	54.4	0.6	0.0	1.2	0.0	0	2.0	18.7
		10/30/17	50.8	0.0	N/A	56.4	0.0	0.0	0.3	0.0	0	2.5	19.8
		1/22/18[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/20/18[7]	55.9	0.2	N/A	53.0	2.7	0.0	0.3	0.0	0	0.4	19.6

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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	7/19/17	70.5	0.0	N/A	53.9	0.4	0.0	0.2	0.0	0	0.2	20.4
		11/1/17	83.1	0.0	N/A	62.8	0.0	0.0	0.3	0.0	0	0.1	20.7
		1/22/18	63.7	0.0	N/A	54.0	0.0	0.0	0.1	0.0	0	0.0	20.9
		4/26/18	55.3	0.0	N/A	50.3	0.0	0.0	0.3	0.0	0	0.0	19.6
	11.5	7/19/17	68.0	0.2	N/A	50.7	1.1	0.0	0.2	0.0	0	0.6	20.1
		11/1/17	56.6	0.0	N/A	53.3	0.1	0.0	0.2	0.0	0	0.2	20.8
		1/22/18	62.2	0.0	N/A	71.6	0.0	0.0	0.2	0.0	0	0.0	20.9
		4/26/18	60.5	0.0	N/A	50.2	2.9	0.0	0.4	0.0	0	0.1	20.0
	25.5	7/19/17	72.0	0.0	N/A	38.2	0.0	0.0	0.2	0.0	0	1.1	19.8
		11/1/17	59.6	0.0	N/A	57.8	0.0	0.0	0.3	0.0	0	0.7	20.4
		1/22/18	60.5	0.0	N/A	71.6	0.0	0.0	0.1	0.0	0	0.3	20.7
		4/26/18	51.1	0.0	N/A	50.3	0.0	0.0	0.3	0.0	0	0.2	20.0
	38.5	7/19/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/1/17	54.9	0.0	N/A	53.1	0.0	0.0	0.4	0.0	0	2.2	19.5
		1/22/18	71.6	0.0	N/A	59.6	0.0	0.0	0.2	0.0	0	1.4	19.9
		4/26/18	54.3	0.0	N/A	50.5	0.0	0.0	0.2	0.0	0	1.4	18.9
VMP-10	5	7/27/17	60.8	0.0	N/A	52.8	0.0	0.0	0.4	0.0	0	1.2	19.7
		10/30/17	83.1	0.0	N/A	62.3	0.0	0.0	0.2	0.0	0	0.4	20.6
		1/31/18	60.0	0.0	N/A	56.3	0.0	0.0	0.2	0.0	0	0.1	20.7
		4/20/18	56.3	0.0	N/A	51.1	0.0	0.0	0.3	0.0	0	0.2	20.4
	10	7/27/17	55.2	0.0	N/A	53.9	0.0	0.0	0.9	0.0	0	1.3	19.9
		10/30/17	61.8	0.0	N/A	52.3	0.0	0.0	0.3	0.0	0	0.6	20.4
		1/31/18	54.5	0.0	N/A	53.3	0.0	0.0	0.3	0.0	0	0.2	20.6
		4/20/18	59.3	0.0	N/A	59.9	0.0	0.0	0.4	0.0	0	0.2	20.6
	20	7/27/17	53.5	0.0	N/A	74.3	0.0	0.0	0.7	0.0	0	1.4	19.9
		10/30/17	70.5	0.0	N/A	62.9	0.0	0.0	0.3	0.0	0	1.1	20.0
		1/31/18	54.3	0.0	N/A	51.2	0.0	0.0	0.3	0.0	0	0.4	20.7
		4/20/18	54.2	0.0	N/A	54.5	0.0	0.0	0.2	0.0	0	0.1	20.2
	30	7/27/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/30/17	69.6	0.0	N/A	51.2	0.0	0.0	0.2	0.0	0	1.6	19.6
		1/31/18	54.7	0.6	N/A	52.9	0.5	0.0	0.3	0.0	0	0.1	20.5
		4/30/18[8]	64.3	0.0	N/A	50.6	0.0	0.0	0.2	0.0	0	0.2	20.1
VMP-11	5	7/26/17	71.5	0.0	N/A	85.9	0.0	0.0	0.6	0.0	0	1.3	19.8
		11/3/17	81.2	0.0	N/A	53.8	0.0	0.0	0.2	0.0	0	0.3	20.6
		1/29/18	53.4	0.0	N/A	51.2	0.0	0.0	0.4	0.0	0	0.2	20.8
		5/1/18	60.0	0.0	N/A	51.0	0.0	0.0	0.4	0.0	0	0.4	20.2
	8	7/26/17	84.7	0.0	N/A	87.8	0.0	0.0	0.5	0.0	0	1.8	19.4
		11/3/17	53.8	0.0	N/A	56.3	0.0	0.0	0.2	0.0	0	1.0	20.3
		1/29/18	55.2	0.0	N/A	54.2	0.0	0.0	0.5	0.0	0	0.6	20.4
		5/1/18	53.7	0.0	N/A	50.1	0.0	0.0	0.3	0.0	0	0.4	20.0
	29	7/26/17	50.1	0.0	N/A	52.1	0.0	0.0	1.6	0.0	0	2.1	18.5
		11/3/17	56.9	0.0	N/A	54.8	0.0	0.0	0.3	0.0	0	2.4	19.1
		1/29/18	82.7	0.0	N/A	60.1	0.0	0.0	0.6	0.0	0	1.6	19.7
		5/1/18	56.9	0.0	N/A	53.1	0.0	0.0	0.4	0.0	0	0.7	19.8
	38	7/26/17	50.9	0.0	N/A	50.0	0.0	0.0	1.3	0.0	0	1.5	19.3
		11/3/17	65.2	0.0	N/A	50.0	0.0	0.0	0.2	0.0	0	1.4	19.6
		1/29/18	60.8	0.0	N/A	54.0	0.0	0.0	0.6	0.0	0	1.2	19.9
		5/1/18	58.6	0.1	N/A	54.5	0.1	0.0	0.3	0.0	0	0.7	19.9
VMP-12	5	7/28/17	51.2	0.0	N/A	50.7	0.0	0.0	0.3	0.0	0	0.1	20.5
		11/2/17	83.3	0.0	N/A	75.5	0.0	0.0	0.3	0.0	0	0.0	20.8
		1/30/18	53.5	0.0	N/A	53.1	0.0	0.0	0.4	0.0	0	0.0	20.8
		4/30/18	55.0	0.0	N/A	52.3	0.0	0.0	0.6	0.0	0	0.0	20.8
	11.5	7/28/17	52.1	0.0	N/A	50.9	0.0	0.0	0.2	0.0	0	0.3	20.0
		11/2/17	57.9	0.0	N/A	53.3	2.8	0.0	0.8	0.0	0	0.0	19.3
		1/30/18	55.4	0.0	N/A	54.4	0.2	0.0	0.6	0.0	0	0.0	20.7
		4/30/18	50.2	2.3	N/A	51.1	0.0	0.0	0.4	0.0	0	0.0	20.5
	25	7/28/17	55.1	0.0	N/A	51.5	0.0	0.6	0.5	0.0	0	1.4	19.0
		11/2/17	67.6	0.0	N/A	58.5	0.0	0.0	0.6	0.0	0	0.7	20.2
		1/30/18	56.3	0.0	N/A	55.1	0.0	0.0	0.4	0.0	0	0.5	20.5
		4/30/18	61.1	0.1	N/A	51.8	0.0	0.0	0.5	0.0	0	0.3	20.3
	39	7/28/17	54.7	0.0	N/A	50.7	0.0	361000	87.1	55.1	OVR	12.6	0.8
		11/2/17	55.8	4.3	N/A	50.6	1.7	424000	89.7	OVR	OVR	14.1	0.8
		1/30/18	54.8	0.3	N/A	53.3	0.3	64820	184	12.4	OVR	15.6	4.1
		4/30/18	54.3	0.0	N/A	50.8	0.0	65.9	1.7	0.0	0	10.3	6.8

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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	7/27/17	50.6	0.0	N/A	50.5	0.0	0.0	0.5	0.0	0	0.7	19.9
		10/30/17	51.5	0.1	N/A	85.0	0.0	0.0	0.6	0.0	0	0.4	20.6
		1/29/18	53.1	0.0	N/A	56.9	0.0	0.0	0.7	0.0	0	0.1	20.8
		3/30/18	50.9	0.0	N/A	52.1	0.0	0.0	0.2	0.0	0	0.0	20.7
		4/10/18	52.9	0.0	N/A	51.4	0.0	0.0	0.3	0.0	0	0.0	20.8
	10.5	7/27/17	50.3	0.0	N/A	53.3	0.0	0.0	0.4	0.0	0	0.5	20.2
		10/30/17	52.8	0.0	N/A	51.1	0.0	0.0	0.4	0.0	0	0.4	20.6
		1/29/18	63.7	0.0	N/A	65.6	0.0	0.0	0.4	0.0	0	0.1	20.8
		3/30/18	50.9	0.0	N/A	54.6	0.0	0.0	0.1	0.0	0	0.1	20.7
		4/10/18	54.8	0.0	N/A	53.4	0.0	0.0	0.4	0.0	0	0.0	20.9
	21.5	7/27/17	50.4	0.0	N/A	50.8	0.0	0.0	0.6	0.0	0	0.2	20.6
		10/30/17	54.4	0.0	N/A	51.1	0.0	0.0	0.6	0.0	0	0.3	20.6
		1/29/18	57.9	0.0	N/A	52.5	0.0	0.0	0.3	0.0	0	0.2	20.7
		3/30/18	53.4	0.0	N/A	51.7	0.0	0.0	0.1	0.0	0	0.1	20.7
		4/10/18	63.4	0.0	N/A	50.4	0.0	0.0	0.5	0.0	0	0.1	20.7
	29.5	7/27/17	50.3	0.0	N/A	50.3	0.0	0.0	0.5	0.0	0	0.4	20.2
		10/30/17	57.0	0.0	N/A	52.9	0.0	18.4	0.3	0.0	0	1.2	19.8
		1/29/18	68.4	0.0	N/A	57.4	0.3	11.2	1.3	0.0	0	0.7	20.2
		3/30/18	62.1	0.0	N/A	55.2	0.0	0.0	0.2	0.0	0	0.3	20.6
		4/10/18	60.5	0.0	N/A	52.4	0.0	0.0	0.7	0.0	0	0.3	20.5
VMP-14	5	7/19/17	50.3	0.0	N/A	52.4	0.2	0.0	0.5	0.0	0	0.3	20.1
		10/30/17	79.9	0.0	N/A	52.8	0.0	0.0	0.6	0.0	0	0.2	20.6
		1/25/18	69.8	0.0	N/A	54.9	0.3	0.0	0.0	0.0	0	0.1	20.8
		4/17/18	61.3	0.0	N/A	59.6	0.1	0.0	0.5	0.0	0	0.1	20.3
	11.5	7/19/17	53.8	0.5	N/A	51.7	0.3	0.0	0.4	0.0	0	0.3	20.0
		10/30/17	57.1	0.0	N/A	88.6	0.0	0.0	0.6	0.0	0	0.1	20.8
		1/25/18	64.4	0.9	N/A	50.3	0.7	0.0	0.1	0.0	0	0.1	20.7
		4/17/18	61.5	0.6	N/A	57.9	1.0	0.0	0.6	0.0	0	0.1	20.3
	20	7/19/17	50.7	0.1	N/A	50.2	0.0	88.4	42.6	0.1	0	15.1	0.0
		10/30/17	54.3	0.0	N/A	52.8	0.0	56.2	28.6	0.1	0	14.8	1.0
		1/25/18	66.0	0.0	N/A	56.5	0.0	64.5	9.6	0.0	0	13.4	1.7
		4/17/18	57.2	0.0	N/A	53.5	0.0	10.3	1.8	0.0	0	14.5	2.5
	29	7/19/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/30/17	54.9	0.0	N/A	50.1	0.0	1.1	0.4	0.0	0	4.7	15.3
		1/25/18	67.9	0.3	N/A	58.3	1.9	0.9	0.2	0.0	0	4.7	14.3
		4/27/18[8]	72.5	1.1	N/A	57.7	0.6	1.1	0.3	0.0	0	3.6	15.9
VMP-15	5	7/26/17	51.1	0.0	N/A	53.2	0.0	0.0	1.2	0.0	0	5.5	12.8
		11/2/17	50.1	0.0	N/A	56.0	0.0	0.0	0.2	0.0	0	3.7	16.3
		1/30/18	75.4	0.0	N/A	56.7	0.0	0.0	0.8	0.0	0	1.9	18.9
		4/30/18	51.3	0.0	N/A	50.7	0.0	0.0	0.4	0.0	0	3.4	16.6
	21.5	7/26/17	50.3	1.5	N/A	50.3	0.8	118000	3.5	7.8	OVR	15.2	0.0
		11/2/17	51.4	0.0	N/A	51.8	0.0	0.0	0.2	0.0	0	3.0	15.8
		1/30/18	53.1	0.0	N/A	71.9	0.0	0.0	0.6	0.0	0	12.4	5.6
		4/30/18	53.0	0.0	N/A	50.5	0.0	0.0	0.8	0.0	0	12.8	1.2
	25.5	7/26/17	52.4	1.6	N/A	50.2	0.6	111000	6.7	7.7	OVR	16.4	0.0
		11/2/17	50.6	0.0	N/A	53.6	0.0	0.0	0.1	0.0	0	10.2	8.8
		1/30/18	64.1	0.0	N/A	52.2	0.0	0.0	1.7	0.0	0	12.0	7.1
		4/30/18	50.8	0.0	N/A	50.3	0.0	0.0	1.2	0.0	0	14.2	2.6
	29	7/26/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/2/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/30/18	52.1	0.0	0.0	72.7	0.0	2.3	0.2	0.0	0	11.4	7.8
		4/30/18	51.7	0.0	N/A	50.3	0.0	0.0	0.9	0.0	0	13.4	3.1
VMP-16	5	7/28/17	54.1	0.0	N/A	50.2	0.2	0.0	0.5	0.0	0	4.8	14.6
		11/2/17	64.0	0.0	N/A	55.2	0.0	0.0	0.9	0.0	0	3.8	14.7
		1/30/18	54.2	0.0	N/A	52.8	0.0	0.0	0.3	0.0	0	1.0	19.6
		4/30/18	51.3	0.0	N/A	50.9	0.0	0.0	0.4	0.0	0	3.5	13.3
	13.5	7/28/17	60.9	0.0	N/A	50.6	0.0	21870	458	11.8	OVR	16.8	0.0
		11/2/17	64.4	0.0	N/A	57.1	0.0	25850	341	18.8	OVR	15.1	1.0
		1/30/18	54.0	0.0	N/A	52.3	0.0	6740	569	4.4	89	13.5	1.2
		4/30/18	54.7	0.0	N/A	61.6	0.0	11610	412	3.3	66	13.4	1.0
	19	7/28/17	51.9	0.6	N/A	50.4	0.4	88560	291	34.3	OVR	16.2	0.0
		11/2/17	58.3	0.3	N/A	57.0	0.3	75040	255	55.3	OVR	15.8	1.0
		1/30/18	53.7	0.1	N/A	51.2	0.1	62780	354	32.7	OVR	15.2	2.6
		4/30/18	54.2	0.0	N/A	51.0	0.0	30940	769	24.0	OVR	12.8	1.2
	31	7/28/17	50.1	1.4	N/A	50.1	0.9	141000	195	42.2	OVR	16.1	0.0
		11/2/17	59.9	1.1	N/A	59.4	1.4	126000	171	63.1	OVR	15.7	1.4
		1/30/18	55.2	1.0	N/A	52.3	1.0	142000	234	36.3	OVR	14.3	5.3
		4/30/18	56.7	0.0	N/A	51.1	0.0	92380	544	39.6	OVR	12.9	1.2

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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-17	5	7/19/17	57.3	0.0	N/A	65.7	0.0	0.0	0.3	0.0	0	1.1	19.9
		11/2/17	54.1	0.0	N/A	52.3	0.0	0.0	0.3	0.0	0	0.1	20.8
		1/24/18	59.3	0.0	N/A	56.2	0.0	0.0	0.2	0.0	0	0.1	20.8
		4/24/18	59.3	0.0	N/A	52.9	0.0	0.0	0.1	0.0	0	0.2	20.7
VMP-18	8.5	7/27/17	51.8	0.0	N/A	50.2	0.0	0.0	0.8	0.0	0	3.0	18.3
		11/3/17	78.5	0.0	N/A	52.3	0.0	0.0	0.3	0.0	0	1.5	20.2
		1/24/18	52.5	0.0	N/A	50.5	0.0	0.0	0.2	0.0	0	0.5	19.6
		3/30/18	50.4	0.0	N/A	50.8	0.0	0.0	0.2	0.0	0	0.5	20.3
		4/10/18	72.1	0.0	N/A	50.6	0.0	0.0	0.3	0.0	0	0.5	19.9
VMP-19	5	7/27/17	50.2	0.5	N/A	50.1	0.0	0.0	0.7	0.0	0	0.5	19.9
		10/25/17	52.3	0.1	N/A	54.7	2.5	0.0	0.3	0.0	0	0.1	20.2
		1/25/18	57.4	0.0	N/A	58.2	2.1	5.4	0.2	0.0	0	0.0	20.4
		4/26/18	54.9	0.0	N/A	53.0	0.2	1.2	0.4	0.0	0	0.1	20.2
VMP-20	5	7/24/17	67.3	0.0	N/A	50.1	0.0	0.0	0.5	0.0	0	10.1	11.0
		10/31/17	64.5	0.0	N/A	59.0	0.0	0.0	0.2	0.0	0	5.1	16.8
		1/22/18	50.4	0.0	N/A	50.7	0.0	0.0	0.1	0.0	0	0.8	20.7
		4/12/18	55.7	0.0	N/A	50.7	0.0	0.0	0.7	0.0	0	3.7	16.9
	10	7/24/17	60.3	0.0	N/A	90.4	0.0	0.0	0.8	0.0	0	12.1	8.6
		10/31/17	61.7	0.0	N/A	54.4	0.0	0.0	0.1	0.0	0	7.7	14.6
		1/22/18	54.2	0.0	N/A	51.5	0.0	0.0	0.2	0.0	0	4.5	18.0
		4/12/18	56.2	0.0	N/A	52.3	0.0	0.0	0.4	0.0	0	3.8	17.5
	25	7/24/17	54.0	0.0	N/A	56.6	0.0	0.0	0.5	0.0	0	4.3	15.8
		10/31/17	61.2	0.0	N/A	50.1	0.0	0.0	0.2	0.0	0	6.2	15.2
		1/22/18	52.9	0.0	N/A	50.0	0.0	0.0	0.2	0.0	0	5.2	17.2
		4/12/18	54.9	0.0	N/A	51.8	0.0	0.0	0.4	0.0	0	3.7	18.2
	39.5	7/24/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/31/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/22/18[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/12/18	55.5	0.0	N/A	52.1	0.0	0.0	0.2	0.0	0	7.8	4.1
VMP-21	5	7/20/17	59.1	0.0	N/A	51.1	0.0	0.0	0.3	0.0	0	2.9	17.6
		10/31/17	83.0	0.0	N/A	63.3	0.0	0.0	0.3	0.0	0	1.7	20.1
		1/23/18	50.5	0.0	N/A	50.0	0.0	0.0	0.2	0.0	0	0.6	20.4
		4/13/18	52.3	0.0	N/A	53.6	0.0	0.0	0.4	0.0	0	0.7	19.7
	10	7/20/17	53.8	0.0	N/A	51.2	0.0	0.0	0.7	0.0	0	3.8	16.2
		10/31/17	55.6	0.0	N/A	55.4	0.0	0.0	0.2	0.0	0	3.7	18.0
		1/23/18	53.3	0.0	N/A	50.6	0.0	0.0	0.4	0.0	0	1.9	20.0
		4/13/18	53.2	0.0	N/A	56.8	0.0	0.0	0.3	0.0	0	1.4	19.3
	25	7/20/17	60.6	0.0	N/A	51.4	0.0	0.0	0.6	0.0	0	2.6	17.7
		10/31/17	64.7	0.0	N/A	54.7	0.0	0.0	0.4	0.0	0	3.7	18.0
		1/23/18	53.7	0.0	N/A	50.9	0.0	0.0	0.3	0.0	0	2.6	20.0
		4/13/18	53.5	0.0	N/A	53.9	0.0	0.0	0.2	0.0	0	1.7	19.3
	33	7/20/17	63.9	0.0	N/A	52.0	0.0	0.0	0.4	0.0	0	2.5	17.2
		10/31/17	52.8	0.0	N/A	65.7	0.0	0.0	0.3	0.0	0	4.1	17.5
		1/23/18	54.0	0.0	N/A	51.0	0.0	0.0	0.3	0.0	0	3.1	20.0
		4/13/18	72.4	0.0	N/A	54.0	0.0	0.0	0.2	0.0	0	2.0	19.0
VMP-22	5	7/26/17	52.1	0.0	N/A	51.4	0.0	0.0	1.1	0.0	0	1.3	19.5
		10/26/17	51.5	0.0	N/A	51.5	0.0	0.0	0.3	0.0	0	0.6	20.5
		1/30/18	53.7	0.0	N/A	52.7	0.0	0.0	0.7	0.0	0	0.2	19.8
		4/13/18	53.2	0.0	N/A	51.5	0.0	0.0	0.2	0.0	0	0.2	20.5
	10	7/26/17	50.8	0.2	N/A	50.1	0.3	0.0	0.8	0.0	0	1.3	19.3
		10/26/17	58.6	0.0	N/A	55.0	0.0	0.0	0.3	0.0	0	0.6	20.4
		1/30/18	59.4	0.0	N/A	58.2	0.0	0.0	0.6	0.0	0	0.1	19.6
		5/1/18[7]	51.7	0.0	N/A	50.5	0.0	0.0	0.4	0.0	0	0.4	20.1
	18	7/26/17	50.6	0.1	N/A	52.8	0.1	0.0	0.6	0.0	0	1.1	19.6
		10/26/17	50.3	0.0	N/A	52.6	0.0	0.0	0.5	0.0	0	0.6	20.3
		1/30/18	55.5	0.0	N/A	55.5	0.0	0.0	0.8	0.0	0	0.2	20.5
		4/13/18	52.6	0.1	N/A	55.3	0.1	0.0	0.2	0.0	0	0.3	20.2
	38	7/26/17	52.8	0.3	N/A	50.1	0.3	0.0	0.9	0.0	0	1.3	19.2
		10/26/17	55.9	0.0	N/A	51.0	0.0	0.0	0.4	0.0	0	0.5	20.4
		1/30/18	55.7	0.1	N/A	53.8	0.0	0.0	0.9	0.0	0	0.2	20.3
		5/1/18[7]	53.4	0.1	N/A	51.2	0.1	0.0	0.3	0.0	0	0.4	20.2

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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	7/20/17	53.4	0.0	N/A	68.0	0.0	0.0	0.3	0.0	0	1.7	19.3
		10/25/17	54.3	0.0	N/A	50.3	0.0	0.0	0.3	0.0	0	0.6	20.4
		1/23/18	57.1	0.0	N/A	51.3	0.0	0.0	0.1	0.0	0	0.1	20.8
		4/16/18	65.3	0.0	N/A	51.3	0.0	0.0	0.7	0.0	0	0.5	20.3
	10	7/20/17	60.0	0.0	N/A	55.6	0.0	0.0	0.3	0.0	0	0.9	20.1
		10/25/17	54.8	0.0	N/A	50.4	0.0	0.0	0.2	0.0	0	0.5	20.6
		1/23/18	59.7	0.0	N/A	58.1	0.0	0.0	0.3	0.0	0	0.1	20.8
		4/16/18	54.4	0.0	N/A	50.0	0.0	0.0	0.3	0.0	0	0.3	20.6
	25	7/20/17	58.4	0.0	N/A	60.0	0.0	0.0	0.3	0.0	0	1.3	19.4
		10/25/17	54.6	0.0	N/A	50.0	0.0	0.0	0.3	0.0	0	1.8	19.6
		1/23/18	64.6	0.0	N/A	65.0	0.0	0.0	0.2	0.0	0	1.3	19.9
		4/16/18	53.5	0.0	N/A	50.2	0.0	0.0	0.9	0.0	0	0.8	20.7
	40	7/20/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/25/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/23/18	58.5	0.0	N/A	50.0	0.0	0.0	0.2	0.0	0	2.2	19.6
		4/16/18	52.5	0.0	N/A	50.2	0.0	0.0	0.1	0.0	0	2.0	19.3
VMP-24	5	7/21/17	69.0	0.0	N/A	50.6	0.0	2.3	0.0	0.0	0	0.4	20.3
		10/25/17	51.6	0.0	N/A	50.7	0.0	0.0	0.6	0.0	0	1.8	19.2
		1/24/18	54.5	0.0	N/A	57.5	0.0	0.8	0.2	0.0	0	0.3	20.6
		4/25/18	61.5	0.0	N/A	53.9	0.0	0.0	0.2	0.0	0	0.5	20.1
	10	7/21/17	60.0	0.1	N/A	51.3	0.1	0.0	0.0	0.0	0	2.0	18.7
		10/25/17	51.9	0.0	N/A	51.2	0.0	0.0	0.3	0.0	0	3.8	17.7
		1/24/18	69.7	0.0	N/A	50.9	0.0	0.7	0.1	0.0	0	1.5	19.6
		4/25/18	67.1	0.0	N/A	52.8	0.0	0.0	0.2	0.0	0	1.6	19.0
	22	7/21/17	52.4	0.6	N/A	51.3	0.8	0.0	0.0	0.0	0	0.2	20.2
		10/25/17	53.1	0.0	N/A	51.4	0.0	0.0	0.3	0.0	0	1.4	19.3
		1/31/18	65.7	0.0	N/A	60.5	0.0	0.0	0.1	0.0	0	0.7	20.3
		4/25/18	61.9	0.0	N/A	60.6	0.0	0.0	0.3	0.0	0	0.8	20.0
	34	7/21/17	53.1	0.0	N/A	52.1	0.0	0.0	0.0	0.0	0	1.6	19.2
		10/25/17	51.4	0.0	N/A	71.2	0.0	0.0	0.3	0.0	0	3.8	17.6
		1/24/18	63.6	0.0	N/A	54.7	0.0	0.8	0.2	0.0	0	1.6	19.5
		4/25/18	65.4	0.0	N/A	55.4	0.0	0.0	0.5	0.0	0	1.4	19.2
VMP-25	5	8/1/17	52.4	0.0	N/A	50.7	0.0	10.2	0.4	0.0	0	12.2	0.7
		11/2/17	51.5	0.0	N/A	54.3	0.0	0.0	0.3	0.0	0	6.4	12.0
		1/30/18	60.3	0.0	N/A	52.5	0.0	0.0	1.3	0.0	0	4.1	10.1
		4/26/18	57.0	0.0	N/A	52.8	0.0	0.0	0.5	0.0	0	5.3	5.9
	9.5	8/1/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/2/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/30/18[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/26/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	21	8/1/17	54.3	1.3	N/A	50.2	3.0	0.0	0.7	0.0	0	0.4	18.8
		11/2/17	52.4	1.2	N/A	53.9	0.9	0.0	0.2	0.0	0	0.9	19.6
		1/30/18	62.6	0.0	N/A	83.3	3.3	0.0	0.4	0.0	0	0.1	20.4
		4/26/18	61.3	0.0	N/A	52.4	0.1	0.0	0.3	0.0	0	0.5	18.4
	31	8/1/17	51.8	2.0	N/A	50.4	2.0	205000	61.3	40.4	OVR	13.3	0.0
		11/2/17	55.8	1.1	N/A	51.0	0.2	169000	86.1	42.0	OVR	12.2	5.2
		1/30/18	59.7	0.2	48.7	61.9	1.4	174000	91.4	46.9	OVR	14.3	1.9
		4/26/18[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-29	10	7/27/17	53.4	0.0	N/A	85.0	0.0	0.0	0.8	0.0	0	1.0	20.1
		10/27/17	73.8	0.0	N/A	57.7	0.0	0.0	0.3	0.0	0	0.2	20.6
		1/25/18	53.6	0.0	N/A	60.5	0.0	0.0	0.2	0.0	0	0.2	20.7
		4/17/18	78.4	0.0	N/A	56.4	0.0	0.0	0.3	0.0	0	0.1	20.5
	18	7/27/17	56.4	0.0	N/A	58.9	0.0	1.5	3.2	0.0	0	0.9	20.4
		10/27/17	53.6	0.1	N/A	53.6	0.8	0.0	0.6	0.0	0	0.2	20.7
		1/25/18	66.3	0.0	N/A	51.6	0.0	0.0	0.2	0.0	0	0.3	20.7
		4/17/18	66.5	0.0	N/A	51.8	0.0	0.0	0.4	0.0	0	0.1	20.7
	26	7/27/17	67.9	0.0	N/A	54.2	0.0	5.4	3.3	0.0	0	0.8	20.1
		10/27/17	58.4	0.0	N/A	51.5	2.9	0.0	0.4	0.0	0	0.2	20.3
		1/25/18	64.9	0.0	N/A	56.8	0.0	0.0	0.3	0.0	0	0.4	20.5
		4/17/18	59.2	0.0	N/A	51.2	0.0	0.0	0.3	0.0	0	0.1	20.6
	40	7/27/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/27/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/25/18[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/17/18[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
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	7/27/17	85.6	0.0	N/A	63.0	0.0	0.6	2.1	0.0	0	0.1	20.7
		10/27/17	53.6	0.0	N/A	53.9	0.0	0.0	0.3	0.0	0	0.0	20.8
		1/25/18	63.4	0.0	N/A	56.8	0.0	0.0	0.3	0.0	0	0.0	20.9
		4/17/18	62.9	0.0	N/A	52.6	0.0	0.0	0.4	0.0	0	0.0	20.7
	18	7/27/17	54.3	0.0	N/A	55.1	0.0	1.1	2.5	0.0	0	0.3	20.5
		10/27/17	53.0	0.0	N/A	87.0	0.0	0.0	0.5	0.0	0	0.2	20.7
		1/25/18	59.8	0.0	N/A	57.9	0.0	0.0	0.2	0.0	0	0.1	20.8
		4/17/18	59.6	0.0	N/A	54.5	0.0	0.0	0.3	0.0	0	0.0	20.6
	26	7/27/17	82.5	0.0	N/A	64.6	0.0	0.0	1.0	0.0	0	0.4	20.5
		10/27/17	55.4	0.0	N/A	51.3	0.0	0.0	0.3	0.0	0	0.1	20.8
		1/25/18	63.3	0.0	N/A	52.6	0.0	0.0	0.3	0.0	0	0.2	20.8
		4/17/18	61.5	0.0	N/A	50.2	0.0	0.0	0.4	0.0	0	0.0	20.7
	40	7/27/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/27/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/25/18[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/17/18[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-32	5	7/24/17	64.6	0.0	N/A	52.9	0.0	0.0	0.3	0.0	0	2.1	18.4
		10/31/17	52.3	0.0	N/A	52.4	0.0	0.0	0.3	0.0	0	1.5	19.7
		1/29/18	55.2	0.0	N/A	52.6	0.0	0.0	0.3	0.0	0	0.8	20.3
		3/28/18	63.2	0.0	N/A	51.0	0.0	0.0	0.7	0.0	0	0.6	20.3
		4/10/18	72.5	0.0	N/A	51.1	0.0	0.0	0.4	0.0	0	1.3	19.1
	10	7/24/17	52.8	0.0	N/A	50.3	0.0	0.0	0.4	0.0	0	2.0	18.3
		10/31/17	55.6	0.0	N/A	53.4	0.0	0.0	0.2	0.0	0	2.1	19.6
		1/29/18	54.5	0.0	N/A	52.8	0.0	0.0	0.5	0.0	0	1.2	19.8
		3/28/18	52.7	0.0	N/A	51.1	0.0	0.0	0.8	0.0	0	1.2	20.4
		4/10/18	50.1	0.0	N/A	52.7	0.0	0.0	0.5	0.0	0	1.4	19.5
	20	7/24/17	56.2	0.2	N/A	54.3	0.9	0.0	0.3	0.0	0	0.3	19.9
		10/31/17	56.7	0.0	N/A	53.2	0.0	0.0	0.3	0.0	0	0.6	20.6
		1/29/18	54.0	0.1	N/A	53.0	0.2	0.0	0.4	0.0	0	0.1	20.8
		3/28/18	62.8	0.1	N/A	54.7	0.4	0.0	0.4	0.0	0	0.0	20.9
		4/10/18	54.2	0.0	N/A	50.4	0.0	0.0	0.6	0.0	0	0.5	19.9
	30	7/24/17	54.9	2.6	N/A	54.3	2.9	0.0	0.6	0.0	0	0.8	18.8
		10/31/17	50.2	1.9	N/A	53.8	0.4	0.0	0.5	0.0	0	0.1	20.8
		1/29/18	56.9	0.3	N/A	56.1	0.4	0.0	0.5	0.0	0	0.5	20.5
		3/28/18	50.5	0.8	N/A	51.2	0.0	0.0	0.5	0.0	0	0.5	20.1
		4/10/18	54.8	0.8	N/A	76.5	3.2	0.0	0.3	0.0	0	0.4	19.9
VMP-41	10	7/27/17	55.9	0.0	N/A	53.4	0.0	0.0	0.9	0.0	0	1.1	19.9
		10/27/17	56.2	0.0	N/A	52.0	0.0	0.0	0.2	0.0	0	0.5	20.5
		1/24/18	56.0	0.0	N/A	53.5	0.0	0.0	0.2	0.0	0	0.2	20.7
		4/20/18	60.8	0.0	N/A	56.6	0.0	0.0	0.3	0.0	0	0.3	20.5
	20	7/27/17	51.9	0.0	N/A	50.1	0.0	0.0	0.3	0.0	0	1.2	19.9
		10/27/17	51.7	0.0	N/A	50.5	0.0	0.0	1.0	0.0	0	0.9	20.3
		1/24/18	64.6	0.0	N/A	58.2	0.0	0.0	0.2	0.0	0	0.5	20.4
		5/1/18[8]	50.5	0.0	N/A	50.9	0.0	0.0	0.2	0.0	0	0.2	20.4
	26	7/27/17	55.9	0.0	N/A	50.4	0.0	0.0	0.7	0.0	0	1.2	19.6
		10/27/17	51.7	0.0	N/A	52.6	0.0	0.0	0.3	0.0	0	1.3	20.1
		1/24/18	70.5	0.0	N/A	50.2	0.0	0.0	0.3	0.0	0	0.9	20.1
		4/20/18	53.7	0.0	N/A	53.9	0.0	0.0	0.3	0.0	0	0.5	19.8
VMP-42	10	7/20/17	53.8	0.0	N/A	51.1	0.0	0.0	0.6	0.0	0	1.2	19.1
		11/1/17	79.3	0.0	N/A	59.0	0.0	0.0	0.2	0.0	0	1.4	20.0
		1/23/18	51.8	0.0	N/A	50.2	0.0	0.0	0.1	0.0	0	0.4	20.1
		4/19/18	65.2	0.0	N/A	53.7	0.0	0.0	0.4	0.0	0	0.3	20.2
	20	7/20/17	51.9	0.0	N/A	50.0	0.0	0.0	0.7	0.0	0	2.0	18.1
		11/1/17	66.8	0.0	N/A	54.8	0.0	0.0	0.3	0.0	0	3.1	18.7
		1/23/18	53.6	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	1.5	20.1
		4/19/18	68.1	0.0	N/A	59.3	0.0	0.0	0.5	0.0	0	0.7	19.7
	30	7/20/17	51.6	0.0	N/A	52.3	0.0	0.0	0.8	0.0	0	1.4	18.4
		11/1/17	62.2	0.0	N/A	52.2	0.0	0.0	0.4	0.0	0	3.3	18.8
		1/23/18	53.2	0.0	N/A	50.4	0.0	0.0	0.1	0.0	0	2.1	19.8
		4/19/18	61.8	0.0	N/A	62.7	0.0	0.0	0.2	0.0	0	0.9	20.0

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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-43	10	7/24/17	54.4	0.0	N/A	52.0	0.0	0.0	0.2	0.0	0	0.1	20.3
		10/27/17	55.7	0.0	N/A	53.4	0.0	0.0	0.3	0.0	0	0.2	20.6
		1/26/18	53.5	0.0	N/A	51.5	0.0	0.0	0.3	0.0	0	0.1	20.5
		4/12/18	61.2	0.0	N/A	52.6	0.0	0.0	0.3	0.0	0	0.1	20.4
	20	7/24/17	55.1	0.0	N/A	52.7	2.1	0.0	0.3	0.0	0	0.0	19.7
		10/27/17	56.2	0.0	N/A	56.0	0.0	0.0	0.3	0.0	0	0.1	20.8
		1/26/18	52.5	0.0	N/A	50.2	0.0	0.0	0.2	0.0	0	0.1	20.6
		4/12/18	57.2	0.0	N/A	53.4	0.0	0.0	0.3	0.0	0	0.2	20.5
	30	7/24/17	60.6	0.0	N/A	54.0	0.3	0.0	0.6	0.0	0	0.2	20.0
		10/27/17	52.9	0.0	N/A	51.1	0.0	0.0	0.4	0.0	0	0.2	20.6
		1/26/18	52.7	0.0	N/A	51.1	0.0	0.0	0.2	0.0	0	0.2	20.5
		4/12/18	62.1	0.0	N/A	52.7	0.0	0.0	0.7	0.0	0	0.3	20.3
VMP-44	10	7/25/17	51.2	0.0	N/A	51.3	0.0	3.2	1.7	0.0	0	2.3	17.6
		10/25/17	72.4	0.0	N/A	55.4	0.0	0.0	0.3	0.0	0	1.6	19.2
		1/25/18	51.5	0.0	N/A	50.3	0.0	0.2	0.2	0.0	0	0.3	20.6
		4/23/18	61.1	0.0	N/A	58.6	3.5	0.0	0.7	0.0	0	0.2	19.9
	20	7/25/17	50.8	0.0	N/A	50.2	0.0	5.3	2.5	0.0	0	2.2	17.7
		10/25/17	53.3	0.1	N/A	51.0	0.0	0.0	0.4	0.0	0	1.3	19.3
		1/25/18	52.5	0.1	N/A	50.8	0.2	0.5	0.4	0.0	0	0.1	20.6
		4/27/18[7]	60.1	0.0	N/A	54.3	2.4	0.0	0.4	0.0	0	0.0	19.6
	30	7/25/17	53.8	0.0	N/A	50.1	0.0	7.1	3.4	0.0	0	2.2	17.9
		10/25/17	54.5	0.0	N/A	51.5	0.0	0.0	0.4	0.0	0	1.3	19.4
		1/25/18	51.1	0.1	N/A	50.6	0.1	0.5	0.3	0.0	0	0.0	20.7
		5/21/18[7,8]	60.3	0.0	N/A	58.4	0.0	1.2	0.5	0.0	0	0.2	20.7
VMP-45	10	7/25/17	51.6	0.0	N/A	50.1	0.1	0.0	0.7	0.0	0	0.2	20.4
		10/31/17	50.5	0.0	N/A	56.4	0.0	0.0	0.3	0.0	0	0.1	20.8
		1/24/18	53.3	0.0	N/A	50.5	0.0	0.0	0.2	0.0	0	0.1	20.7
		4/18/18	71.2	0.0	N/A	58.3	0.0	0.0	0.2	0.0	0	0.2	20.3
	20	7/25/17	51.8	0.1	N/A	50.2	3.0	0.0	0.5	0.0	0	0.0	19.7
		10/31/17	52.7	0.0	N/A	53.8	0.0	0.0	0.3	0.0	0	0.1	20.7
		1/24/18	52.6	0.0	N/A	50.2	0.0	0.0	0.1	0.0	0	0.2	20.4
		4/18/18	54.7	0.0	N/A	50.4	0.0	0.0	0.4	0.0	0	0.3	20.2
	30	7/25/17	50.8	0.3	N/A	50.7	0.1	0.0	0.6	0.0	0	0.7	19.6
		10/31/17	51.9	0.1	N/A	50.7	0.0	0.0	0.3	0.0	0	0.6	20.6
		1/24/18	52.8	0.0	N/A	50.1	0.0	0.0	0.2	0.0	0	1.0	19.5
		4/18/18	59.5	0.0	N/A	50.3	0.0	0.0	0.4	0.0	0	0.7	19.9
VMP-47	5	7/24/17	60.3	0.0	N/A	53.8	0.0	0.0	0.4	0.0	0	0.8	19.7
		10/26/17	51.6	0.0	N/A	57.0	0.0	0.0	0.3	0.0	0	0.1	20.4
		1/26/18	61.0	0.0	N/A	56.3	0.0	0.0	0.2	0.0	0	0.1	20.8
		4/27/18	52.4	0.0	N/A	50.1	0.0	0.0	0.1	0.0	0	0.2	20.7
	10	7/24/17	55.1	0.1	N/A	55.4	0.0	0.0	0.3	0.0	0	0.8	19.6
		10/26/17	55.0	0.0	N/A	53.7	0.0	0.0	0.3	0.0	0	0.6	20.2
		1/26/18	60.2	0.0	N/A	50.4	0.0	0.0	0.3	0.0	0	0.4	20.6
		4/27/18	53.1	0.0	N/A	51.4	0.0	0.0	0.4	0.0	0	0.2	20.5
	20	7/24/17	57.1	0.0	N/A	54.1	0.0	0.0	0.4	0.0	0	0.7	19.9
		10/26/17	55.2	0.0	N/A	75.1	0.0	0.0	0.2	0.0	0	0.6	20.2
		1/26/18	54.8	0.0	N/A	50.1	0.0	0.0	0.2	0.0	0	0.2	20.6
		4/27/18	51.0	0.0	N/A	50.9	0.0	0.0	0.5	0.0	0	0.2	20.5
	30	7/24/17	52.6	0.4	N/A	53.0	0.1	0.0	0.6	0.0	0	0.9	19.3
		10/26/17	72.3	0.0	N/A	55.1	0.0	0.0	0.2	0.0	0	1.2	19.5
		1/26/18	61.4	0.0	N/A	51.4	0.0	0.0	1.4	0.0	0	0.7	20.1
		4/27/18	50.4	0.0	N/A	50.1	0.0	0.0	0.6	0.0	0	0.3	20.2
VMP-48	5	7/21/17	57.9	0.0	N/A	57.9	0.0	0.0	0.5	0.0	0	5.5	14.7
		10/31/17	75.2	0.0	N/A	56.6	0.0	0.0	0.3	0.0	0	2.1	19.5
		1/26/18	60.9	0.0	N/A	55.9	0.0	0.0	0.3	0.0	0	0.5	19.9
		4/27/18	69.9	0.0	N/A	52.0	0.0	0.0	0.1	0.0	0	1.0	18.4
	10	7/21/17	53.8	0.0	N/A	64.5	0.0	0.0	0.0	0.0	0	3.7	16.3
		10/31/17	62.0	0.0	N/A	61.6	0.0	0.0	0.2	0.0	0	5.3	16.4
		1/26/18	72.6	0.0	N/A	50.9	0.0	0.0	0.2	0.0	0	3.8	18.0
		4/27/18	51.1	0.0	N/A	50.3	0.0	0.0	0.2	0.0	0	1.6	19.0
	20	7/21/17	55.6	0.0	N/A	63.0	0.0	0.0	2.2	0.0	0	3.1	16.7
		10/31/17	59.8	0.0	N/A	53.8	0.0	0.0	0.1	0.0	0	5.8	15.8
		1/26/18	75.5	0.0	N/A	52.1	0.0	0.0	0.3	0.0	0	4.0	17.9
		4/27/18	56.0	0.0	N/A	50.5	0.0	0.0	0.3	0.0	0	1.9	19.0
	30	7/21/17	61.3	0.0	N/A	62.8	0.0	0.0	5.3	0.0	0	6.4	16.0
		10/31/17	56.5	0.0	N/A	52.9	0.0	0.0	0.2	0.0	0	7.6	14.8
		1/26/18	67.4	0.0	N/A	50.7	0.0	0.0	0.2	0.0	0	7.7	14.8
		4/27/18	52.0	0.0	N/A	51.8	0.0	0.0	0.2	0.0	0	6.8	15.4

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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	7/26/17	55.7	0.0	N/A	90.1	0.0	0.0	0.4	0.0	0	0.9	20.4
		10/27/17	55.4	0.0	N/A	51.0	0.0	0.0	0.2	0.0	0	0.5	20.6
		1/26/18	53.6	0.0	N/A	52.5	0.0	0.0	0.2	0.0	0	0.2	20.5
		4/19/18	72.3	0.1	N/A	57.4	0.0	0.0	0.4	0.0	0	0.3	20.3
	10	7/26/17	60.2	0.0	N/A	93.5	0.0	0.0	0.2	0.0	0	1.9	19.6
		10/27/17	53.3	0.0	N/A	52.5	0.0	0.0	0.2	0.0	0	0.6	20.6
		1/26/18	54.2	0.0	N/A	53.2	0.0	0.0	0.2	0.0	0	0.1	20.7
		4/19/18	58.7	0.0	N/A	52.6	0.0	0.0	0.3	0.0	0	0.4	20.2
	20	7/26/17	56.7	2.6	N/A	79.7	2.8	0.0	0.2	0.0	0	1.6	19.0
		10/27/17	50.7	0.2	N/A	53.7	0.0	0.0	0.2	0.0	0	0.2	20.7
		1/26/18	57.3	0.0	N/A	54.4	0.0	0.0	0.3	0.0	0	0.0	20.9
		4/19/18	69.9	0.3	N/A	57.4	0.6	0.0	0.4	0.0	0	0.3	20.3
	30	7/26/17	59.8	0.0	N/A	52.5	0.0	0.0	0.2	0.0	0	10.9	11.1
		10/27/17	50.3	0.0	N/A	50.2	0.0	0.0	0.6	0.0	0	11.8	10.8
		1/26/18	56.0	0.0	N/A	53.1	0.0	0.0	0.3	0.0	0	10.0	12.0
		4/27/18[8]	67.5	0.0	N/A	50.0	0.0	0.0	0.3	0.0	0	8.3	14.9
VMP-50	5	7/26/17	54.1	0.0	N/A	52.9	0.0	0.0	0.6	0.0	0	8.0	11.4
		11/1/17	53.1	0.0	N/A	54.0	0.0	0.0	0.2	0.0	0	4.0	17.3
		1/31/18	55.6	0.0	N/A	68.2	0.0	92.9	0.2	0.0	0	1.2	19.9
		3/29/18	51.3	0.1	N/A	50.2	0.0	863	1.1	0.1	2	1.0	19.0
		4/10/18	59.9	0.0	N/A	56.1	0.3	58980	0.0	5.8	OVR	2.8	9.2
	10	7/26/17	52.3	0.0	N/A	58.0	0.0	0.0	0.5	0.0	0	5.6	13.0
		11/1/17	52.8	0.0	N/A	53.6	0.0	0.0	0.4	0.0	0	6.1	16.1
		1/31/18	62.9	0.0	N/A	65.7	0.0	2.3	0.3	0.0	0	3.0	18.5
		3/29/18	53.2	0.0	N/A	62.1	0.0	47.4	0.8	0.0	0	2.4	18.9
		4/10/18	56.1	0.0	N/A	55.0	0.0	2267	0.4	0.2	5	2.5	17.4
	20	7/26/17	54.7	0.0	N/A	54.0	0.0	0.0	0.4	0.0	0	4.1	15.6
		11/1/17	54.9	0.0	N/A	57.8	0.0	0.0	0.3	0.0	0	4.4	17.2
		1/31/18	63.0	0.0	N/A	67.4	0.0	711	167	0.8	16	6.0	14.8
		3/29/18	50.7	0.0	N/A	57.3	0.0	4.5	1.4	0.0	0	3.7	18.1
		4/10/18	58.2	0.0	N/A	50.3	0.0	4086	422	1.5	31	5.4	14.0
	30	7/26/17	53.9	0.0	N/A	51.6	0.0	211	44.5	0.0	0	2.0	18.6
		11/1/17	52.2	0.0	N/A	50.3	0.0	163	30.3	0.0	0	2.5	18.8
		1/31/18	59.9	0.0	N/A	62.2	0.0	308	43.6	0.2	5	2.3	18.9
		3/29/18	56.1	0.4	N/A	53.0	0.0	133	24.2	0.1	2	1.8	19.5
		4/10/18	57.8	0.0	N/A	53.6	0.0	417	75.7	0.2	4	1.6	18.7
VMP-51	5	7/20/17	66.8	0.0	N/A	54.9	0.0	0.0	0.4	0.0	0	0.6	20.3
		10/30/17	50.2	0.0	N/A	50.2	0.0	0.0	0.4	0.0	0	0.4	20.7
		1/23/18	67.2	0.0	N/A	61.5	0.0	0.0	0.2	0.0	0	0.2	20.7
		4/16/18	74.8	0.0	N/A	79.3	0.0	0.0	0.2	0.0	0	0.7	20.2
	10	7/20/17	57.4	0.0	N/A	78.2	0.0	0.0	0.3	0.0	0	0.9	20.0
		10/30/17	51.5	0.0	N/A	51.5	0.0	0.0	0.3	0.0	0	0.7	20.6
		1/23/18	59.7	0.0	N/A	54.4	0.0	0.0	0.2	0.0	0	0.2	20.7
		4/16/18	50.9	0.0	N/A	50.5	0.0	0.0	0.4	0.0	0	0.7	20.0
	20	7/20/17	60.0	0.0	N/A	63.7	0.0	0.0	0.4	0.0	0	1.4	19.5
		10/30/17	54.7	0.0	N/A	54.7	0.0	0.0	0.2	0.0	0	0.6	20.6
		1/23/18	58.1	0.0	N/A	50.8	0.0	0.0	0.2	0.0	0	0.9	20.2
		4/16/18	51.9	0.0	N/A	58.3	0.0	0.0	0.7	0.0	0	0.6	20.3
	30	7/20/17	54.3	0.0	N/A	65.9	0.0	0.5	0.9	0.0	0	1.6	19.4
		10/30/17	54.1	0.0	N/A	54.1	0.0	0.0	0.0	0.0	0	1.6	20.1
		1/23/18	57.0	0.0	N/A	54.0	0.0	0.0	0.1	0.0	0	1.3	20.1
		4/16/18	55.4	0.0	N/A	54.7	0.0	0.0	0.6	0.0	0	1.1	19.7
VMP-52	5	7/21/17	52.5	0.0	N/A	52.0	0.0	0.0	0.0	0.0	0	4.2	16.3
		10/25/17	54.2	0.0	N/A	51.5	0.0	0.0	0.3	0.0	0	1.6	20.1
		1/24/18	59.8	0.0	N/A	59.8	0.0	0.0	0.1	0.0	0	0.3	20.7
		4/26/18	50.8	0.0	N/A	50.4	0.0	0.0	0.7	0.0	0	0.6	19.5
	10	7/21/17	50.4	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	4.0	15.9
		10/25/17	52.1	0.0	N/A	50.1	0.0	0.0	0.2	0.0	0	2.9	19.6
		1/24/18	58.2	0.0	N/A	51.1	0.0	0.0	0.2	0.0	0	1.0	20.2
		4/26/18	55.3	0.0	N/A	51.2	0.0	0.0	0.4	0.0	0	0.9	18.3
	20	7/21/17	56.0	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.5	19.2
		10/25/17	57.9	0.0	N/A	51.6	0.0	0.0	0.8	0.0	0	2.4	19.3
		1/24/18	68.7	0.0	N/A	59.7	0.0	0.0	0.2	0.0	0	1.4	19.7
		4/26/18	60.7	0.0	N/A	53.9	0.0	0.0	0.5	0.0	0	1.4	18.0
	30	7/21/17	52.2	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	1.5	19.1
		10/25/17	50.5	0.0	N/A	52.5	0.0	0.0	0.3	0.0	0	2.1	19.5
		1/24/18	60.2	0.0	N/A	52.3	0.0	0.0	0.2	0.0	0	1.8	19.4
		4/26/18	58.9	0.0	N/A	51.6	0.0	0.0	0.5	0.0	0	1.7	18.4

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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	7/19/17	69.2	0.0	N/A	50.2	0.0	0.0	0.4	0.0	0	1.6	19.3
		11/1/17	87.4	0.0	N/A	66.5	0.0	0.0	0.3	0.0	0	0.6	20.6
		1/22/18	56.6	0.0	N/A	65.2	0.0	0.0	0.2	0.0	0	0.1	20.9
		3/29/18	56.8	0.0	N/A	50.7	0.0	0.0	0.4	0.0	0	0.3	20.6
		4/10/18	76.9	0.0	N/A	55.6	0.0	0.0	0.4	0.0	0	0.3	20.4
	10	7/19/17	51.7	0.0	N/A	51.4	0.0	0.0	0.3	0.0	0	1.1	20.1
		11/1/17	63.3	0.0	N/A	53.5	0.0	0.0	0.3	0.0	0	0.7	20.4
		1/22/18	57.7	0.0	N/A	55.4	0.0	0.0	0.2	0.0	0	0.2	20.9
		3/29/18	52.6	0.0	N/A	55.4	0.0	0.0	0.4	0.0	0	0.2	20.7
		4/10/18	56.3	0.0	N/A	53.1	0.0	0.0	0.3	0.0	0	0.2	20.3
	20	7/19/17	53.2	0.0	N/A	57.0	0.0	0.0	0.6	0.0	0	1.2	19.8
		11/1/17	55.7	0.0	N/A	50.4	0.0	0.0	0.2	0.0	0	1.5	20.1
		1/22/18	59.4	0.0	N/A	55.9	0.0	0.0	0.3	0.0	0	0.8	20.4
		3/29/18	53.6	0.0	N/A	57.1	0.0	0.0	0.3	0.0	0	0.3	20.6
		4/10/18	68.8	0.0	N/A	56.4	0.0	0.0	0.3	0.0	0	0.4	20.2
	30	7/19/17	51.6	0.0	N/A	50.7	0.0	0.0	0.4	0.0	0	1.6	19.0
		11/1/17	56.9	0.0	N/A	58.0	0.0	0.0	0.3	0.0	0	3.1	18.9
		1/22/18	61.1	0.0	N/A	57.0	0.0	0.0	0.2	0.0	0	1.8	19.7
		3/29/18	62.1	0.0	N/A	51.0	0.0	0.0	0.3	0.0	0	1.4	20.0
		4/10/18	54.4	0.0	N/A	51.8	0.0	0.0	0.2	0.0	0	1.1	19.6
VMP-54	5	7/19/17	53.4	0.0	N/A	50.5	0.0	0.0	0.4	0.0	0	3.5	16.8
		10/26/17	52.6	0.0	N/A	50.5	0.0	0.0	0.3	0.0	0	3.0	18.6
		1/22/18	52.6	0.0	N/A	50.2	0.0	0.0	0.3	0.0	0	0.6	20.3
		4/18/18	72.3	0.0	N/A	56.8	0.0	0.0	0.4	0.0	0	1.5	18.9
	10	7/19/17	52.1	0.0	N/A	51.9	0.0	0.0	0.3	0.0	0	2.8	17.8
		10/26/17	54.8	0.0	N/A	52.3	0.0	0.0	0.3	0.0	0	2.9	18.6
		1/22/18	54.2	0.0	N/A	52.3	0.0	0.0	0.3	0.0	0	2.0	18.9
		4/18/18	63.0	0.0	N/A	50.7	0.0	0.0	0.4	0.0	0	1.5	19.0
	20	7/19/17	51.3	0.0	N/A	57.7	0.0	0.0	1.1	0.0	0	2.0	17.2
		10/26/17	56.2	0.0	N/A	50.5	0.0	0.0	1.2	0.0	0	3.0	18.0
		1/22/18	52.3	0.0	N/A	50.8	0.0	0.0	0.3	0.0	0	2.9	17.9
		4/18/18	56.8	0.0	N/A	53.2	0.0	0.0	0.3	0.0	0	2.0	18.1
	30	7/19/17	50.2	0.1	N/A	55.1	0.6	0.0	1.0	0.0	0	2.7	17.4
		10/26/17	53.7	1.0	N/A	52.6	0.5	0.0	0.5	0.0	0	1.1	19.8
		1/22/18	56.0	0.3	N/A	51.7	0.6	0.0	0.2	0.0	0	0.7	20.3
		4/18/18	51.2	1.6	N/A	52.4	2.2	0.0	0.4	0.0	0	0.7	19.5
VMP-55	5	7/26/17	50.5	0.0	N/A	50.8	0.0	9.5	2.6	0.0	0	17.6	2.1
		11/2/17	51.3	0.0	N/A	50.7	0.0	0.0	2.2	0.0	0	14.1	6.9
		1/30/18	55.5	0.0	N/A	51.6	0.0	0.0	1.1	0.0	0	14.3	3.8
		4/30/18	51.8	0.0	N/A	50.6	0.0	0.0	1.1	0.0	0	13.5	4.5
	10	7/26/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/2/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/30/18[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/30/18[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	20	7/26/17	50.7	0.4	N/A	51.9	0.1	97620	147	42.5	OVR	17.6	0.0
		11/2/17	51.2	0.6	N/A	50.8	0.6	102000	197	24.0	OVR	10.1	8.8
		1/30/18	66.4	0.0	N/A	52.9	0.0	46480	221	13.5	OVR	17.1	1.6
		4/30/18	52.2	2.9	35.2	50.3	1.1	352000	171	82.5	OVR	16.6	0.8
	30	7/26/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/2/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/30/18[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/30/18[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-56	10	7/21/17	66.2	0.0	N/A	54.6	0.0	2.0	12.1	0.0	0	0.2	20.2
		10/27/17	52.8	0.0	N/A	51.9	0.0	0.0	0.1	0.0	0	0.4	20.7
		1/29/18	77.7	0.0	N/A	54.7	0.0	0.0	0.7	0.0	0	0.0	20.9
		5/1/18	50.7	0.0	N/A	52.1	0.0	0.0	1.2	0.0	0	0.3	20.6
	25	7/21/17	54.7	0.0	N/A	51.8	0.0	0.0	12.5	0.0	0	0.6	19.8
		10/27/17	50.4	0.0	N/A	52.4	0.0	0.0	0.2	0.0	0	0.3	20.7
		1/29/18	71.4	0.0	N/A	57.2	0.3	0.0	0.6	0.0	0	0.1	20.8
		5/1/18	51.9	0.0	N/A	50.7	0.0	0.0	0.8	0.0	0	0.5	20.3
	38.5	7/21/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/27/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/29/18[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/1/18	54.8	0.0	OVR	51.2	0.0	812000	331	OVR	OVR	3.8	16.6

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	7/25/17	70.9	0.0	N/A	52.3	0.0	0.0	0.5	0.0	0	5.2	15.8
		8/30/17[10]	52.1	0.0	N/A	56.1	0.0	0.0	0.6	0.0	0	4.1	17.3
		11/3/17	52.9	0.0	N/A	56.2	0.0	0.0	0.4	0.0	0	1.7	20.2
		1/29/18	51.8	0.0	N/A	52.6	0.0	0.0	0.2	0.0	0	0.7	20.3
		3/28/18	51.4	0.0	N/A	50.9	0.0	0.0	0.2	0.0	0	0.8	20.6
		4/10/18	73.3	0.0	N/A	64.7	0.0	0.0	0.3	0.0	0	0.8	18.8
	10	7/25/17	56.6	0.0	N/A	50.3	0.0	0.0	0.2	0.0	0	4.1	17.0
		11/3/17	51.6	0.0	N/A	54.3	0.0	0.0	0.4	0.0	0	1.9	19.9
		1/29/18	52.9	0.0	N/A	51.6	0.0	0.0	1.2	0.0	0	1.0	20.0
		3/28/18	52.9	0.0	N/A	52.8	0.0	0.0	0.3	0.0	0	1.2	20.7
		4/10/18	67.0	0.0	N/A	58.6	0.0	53.4	1.2	0.0	0	1.3	19.0
	20	7/25/17	58.3	0.0	N/A	58.1	0.0	0.0	0.3	0.0	0	3.0	18.0
		11/3/17	54.2	0.0	N/A	52.7	0.0	0.0	0.3	0.0	0	1.8	19.9
		1/29/18	52.8	0.0	N/A	50.9	0.0	2.8	1.4	0.0	0	1.1	20.1
		3/28/18	53.6	0.0	N/A	53.6	0.0	0.0	0.3	0.0	0	1.3	20.5
		4/10/18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	30	7/25/17	57.2	0.0	N/A	52.7	0.0	0.0	0.4	0.0	0	1.6	19.1
		11/3/17	50.8	0.0	N/A	52.3	0.0	0.0	0.3	0.0	0	1.7	20.0
		1/29/18	52.7	0.0	N/A	51.3	0.0	2.3	1.4	0.0	0	0.1	20.5
		3/28/18	54.2	0.0	N/A	50.1	0.0	0.0	0.3	0.0	0	0.6	20.4
		4/10/18	53.2	0.0	N/A	50.2	0.0	0.0	0.8	0.0	0	1.3	19.1
VMP-63	5	7/25/17	54.0	0.0	N/A	53.6	0.0	0.0	0.5	0.0	0	0.2	20.3
		11/1/17	51.1	0.0	N/A	52.9	0.0	0.0	0.2	0.0	0	0.1	19.9
		1/26/18	56.1	0.0	N/A	53.5	0.0	0.0	0.5	0.0	0	0.1	20.7
		4/19/18	52.7	0.0	N/A	52.0	0.0	0.0	0.1	0.0	0	0.2	20.7
	10	7/25/17	55.9	0.0	N/A	62.2	0.0	0.0	0.4	0.0	0	0.4	20.1
		11/1/17	53.5	0.0	N/A	52.9	0.0	0.0	0.3	0.0	0	0.1	20.9
		1/26/18	52.8	0.0	N/A	50.7	0.0	0.0	0.2	0.0	0	0.1	20.7
		4/19/18	59.0	0.0	N/A	55.1	0.0	0.0	0.2	0.0	0	0.2	20.5
	20	7/25/17	62.7	0.0	N/A	87.1	0.0	0.0	0.5	0.0	0	0.8	19.8
		11/1/17	51.7	0.0	N/A	51.9	0.0	0.0	0.2	0.0	0	0.5	20.7
		1/26/18	53.3	0.0	N/A	50.9	0.0	0.0	0.3	0.0	0	0.2	20.9
		4/19/18	73.9	0.0	N/A	51.7	0.0	0.0	0.3	0.0	0	0.2	20.3
	30	7/25/17	63.6	0.0	N/A	52.8	0.0	0.0	0.3	0.0	0	0.9	20.1
		11/1/17	52.5	0.0	N/A	52.3	0.0	0.0	0.3	0.0	0	0.8	20.6
		1/26/18	55.5	0.0	N/A	53.5	0.0	0.0	0.2	0.0	0	0.0	20.9
		4/19/18	60.9	1.8	N/A	50.9	1.0	0.0	0.2	0.0	0	0.3	20.1
VMP-64	5	7/25/17	51.1	0.0	N/A	63.5	0.0	0.0	0.6	0.0	0	1.4	19.4
		11/3/17	50.5	0.0	N/A	56.1	0.0	0.0	0.3	0.0	0	0.3	20.6
		1/22/18	58.8	0.0	N/A	53.0	0.0	0.0	0.2	0.0	0	0.1	20.7
		4/12/18	52.5	0.0	N/A	51.9	0.0	0.0	0.4	0.0	0	0.0	20.5
	10	7/25/17	61.2	0.0	N/A	56.0	0.0	0.0	0.2	0.0	0	3.6	16.2
		11/3/17	54.5	0.0	N/A	50.2	0.0	0.0	0.2	0.0	0	2.4	19.6
		1/22/18	66.3	0.0	N/A	91.6	0.0	0.0	0.0	0.0	0	1.8	19.5
		4/12/18	52.7	0.0	N/A	52.1	0.0	0.0	0.5	0.0	0	1.2	19.7
	20	7/25/17	52.2	0.0	N/A	50.1	0.0	0.0	0.2	0.0	0	3.1	16.4
		11/3/17	52.8	0.0	N/A	50.2	0.0	0.0	0.3	0.0	0	3.3	18.7
		1/22/18	60.5	0.0	N/A	55.0	0.0	0.0	0.1	0.0	0	3.0	18.6
		4/12/18	51.5	0.0	N/A	52.2	0.0	0.0	0.4	0.0	0	1.7	19.0
	28	7/25/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/3/17[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/22/18[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/12/18[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 resampled after helium leak check failure.
8. VMP resampled due to issues with the canister after arriving at the laboratory.
9. VMP not sampled because screen submerged below water table.
10. VMP resampled to verify results from the laboratory.
11. VMP-25-31 no longer sampled after 1Q18 due to potential concerns with port integrity.

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-1-5-072417	7/24/2017	0.033			0.0021	J		<0 0083	U		<0.013	U		<0 048	U		<0.0027	U		<0.012	U		0.0091	J	
		VMP-1-5-102617	10/26/2017	0.021	J		0.00066	J		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		0.0062	J	
		VMP-1-5-012618	1/26/2018	0.014	J		<0.0035	U		<0 0073	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		0.0037	J	
		VMP-1-5-042718	4/27/2018	0.031			0.00088	J		<0 0083	U		<0.013	U		<0 048	U		<0.0027	U		<0.012	U		0.0037	J	
	8.5 ft	VMP-1-8.5-072417	7/24/2017	0.03			<0.004	U		<0 0083	U		<0.013	U		<0 048	U		<0.0028	U		<0.012	U		0.01	J	
		VMP-1-8.5-102617	10/26/2017	0.018	J		<0.0036	U		<0 0075	U		<0.012	U		<0 044	U		<0.0025	U		0.0058	J		0.0033	J	
		VMP-1-8.5-012418	1/24/2018	<0.027	J	U	<0.0036	U		<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-1-8.5-042718	4/27/2018	0.012	J		0.00072	J		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		0.0031	J	
	23.5 ft	VMP-1-23.5-072417	7/24/2017	0.027	J		0.00086	J		<0.008	U		<0.012	U		<0 046	U		<0.0026	U		0.017			0.0034	J	
		VMP-1-23.5-102617	10/26/2017	0.019	J		<0.0038	U		<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		0.0033	J	
		VMP-1-23.5-012618	1/26/2018	0.029			<0.0035	U		<0 0073	U		<0.011	U		<0 042	U		<0.0024	U		0.0046	J		0.0079	J	
		VMP-1-23.5-042718	4/27/2018	0.041			0.001	J		<0 0083	U		<0.013	U		<0 048	U		<0.0027	U		0.013			0.0051	J	
VMP-2	5 ft	VMP-2-5-072417	7/24/2017	0.079			<0.004	U		<0 0083	U		<0.013	U		<0 048	U		<0.0027	U		0.0074	J		0 014	J	
		VMP-2-5-102617	10/26/2017	<0.028	J	U	<0.0038	U		<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-2-5-012918	1/29/2018	<0.026	J	U	<0.0035	U		<0 0073	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-2-5-032818	3/28/2018	0 0084	J		<0.0038	U		<0.008	U		<0.012	U		<0 046	U		<0.0026	U		0.005	J		<0.014	U	
		VMP-2-5-041018	4/10/2018	0 0081	J		<0.0036	U		<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		0.0053	J		0.0029	J	
	8.5 ft	VMP-2-8.5-072417	7/24/2017	0.039			<0.0044	U		<0 0092	U		<0.014	U		<0 053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-2-8.5-102617	10/26/2017	<0.029	J	U	<0.0039	J	U	<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-2-8.5-012918	1/29/2018	<0.027	J	U	0.0063			<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-2-8.5-032818	3/28/2018	0.012	J		<0.0036	U		<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		0.0029	J	
		VMP-2-8.5-041018	4/10/2018	0.014	J		<0.0036	U		<0 0075	U		<0.012	U		<0 044	U		<0.0025	U		0.0024	J		0 004	J	
	22 ft	VMP-2-22-072417	7/24/2017	0.029	J		0.00085	J		<0 0088	U		<0.014	U		<0 051	U		<0.0029	U		<0.012	U		0.0042	J	
		VMP-2-22-072417-DUP	7/24/2017	0.045			<0.004	U		<0 0084	U		<0.013	U		<0 049	U		<0.0028	U		<0.012	U		0.0068	J	
		VMP-2-22-102617	10/26/2017	<0.026	J	U	<0.0035	U		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-2-22-012918	1/29/2018	<0.026	U		<0.0034	U		<0 0072	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-2-22-032818	3/28/2018	0.013	J		<0.0036	U		<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		0.0027	J	
		VMP-2-22-041018	4/10/2018	0.011	J		<0.0037	U		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		0.0025	J	
VMP-3	5 ft	VMP-3-5-072017	7/20/2017	0 0082	J		<0.004	U		<0 0084	U		<0.013	U		<0 049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-3-5-102617	10/26/2017	0.012	J		<0.004	U		<0 0083	U		<0.013	U		<0 048	U		<0.0027	U		<0.012	U		<0.015	U	
		VMP-3-5-012318	1/23/2018	0.015	J		0.0014	J		<0 0073	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		0.0028	J	
		VMP-3-5-042718	4/27/2018	0.015	J		<0.0039	U		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		0.0032	J	
	10 ft	VMP-3-10-072017	7/20/2017	0.029	J		0.00053	J		<0 0088	U		<0.014	U		<0 051	U		<0.0029	U		<0.012	U		0.0056	J	
		VMP-3-10-102617	10/26/2017	0.018	J		<0.004	U		<0 0083	U		<0.013	U		<0 048	U		<0.0028	U		<0.012	U		0.0043	J	
		VMP-3-10-012318	1/23/2018	<0.026	J	U	<0.0035	U		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-3-10-042718	4/27/2018	0 0077	J		<0.0038	U		<0.008	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
	22 ft	VMP-3-22-072017	7/20/2017	0.013	J		<0.004	U		<0 0085	U		<0.013	U		<0 049	U		<0.0028	U		<0.012	U		0.0018	J	
		VMP-3-22-102617	10/26/2017	0.014	J		<0.0038	U		<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-3-22-012318	1/23/2018	0.011	J		<0.0036	U		<0 0075	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		0.0035	J	
		VMP-3-22-042718	4/27/2018	0.014	J		<0.0041	U		<0 0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0036	J	
	31.5 ft	VMP-3-31.5-072017	7/20/2017	0.036			0.0011	J		<0 0084	U		<0.013	U		<0 048	U		<0.0028	U		0.014			0.0066	J	
		VMP-3-31.5-102617	10/26/2017	0.012	J		0.0044			<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		0.039			<0.014	U	
		VMP-3-31.5-102617-DUP	10/26/2017	0.014	J		0.0044			<0.008	U		<0.012	U		<0 046	U		<0.0026	U		0.046			0.0038	J	
		VMP-3-31.5-042718	4/27/2018	0.018	J		0.00063	J		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		0.0099	J		0.0046	J	
	39 ft	VMP-3-39-042718	4/27/2018	0.031	J		0.0014	J		<0 0097	U		<0.015	U		<0 056	U		<0.0032	U		<0.014	U		0 011	J	
		VMP-3-39-042718-DUP	4/27/2018	0.017	J		0.0018	J		<0.01	U		<0.015	U		<0 058	U		<0.0033	U		<0.014	U		<0.018	U	
VMP-4	5 ft	VMP-4-5-072517	7/25/2017	0.021	J		<0.004	U		<0 0083	U		<0.013	U		<0 048	U		<0.0028	U		<0.012	U		0.0038	J	
		VMP-4-5-110117	11/1/2017	<0.026	J	U	0.0007	J		<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-4-5-012318	1/23/2018	0.012	J		<0.0037	U		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-4-5-041118	4/11/2018	0.035			<0.0039	U		<0 0083	U		<0.013	U		<0 048	U		<0.0027	U		0.0052	J		0.0095	J	
	12 ft	VMP-4-12-072517	7/25/2017	0.018	J		<0.0038	U		<0.008	U		<0.012	U		<0 047	U		<0.0026	U		<0.011	U		0.0043	J	
		VMP-4-12-110117	11/1/2017	<0.026	J	U	0.00069	J		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-4-12-012318	1/23/2018	0.01	J		<0.0036	U		<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-4-12-041118	4/11/2018	0.02	J		<0.0041	U		<0 0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0099	J		0.0035	J	
	23.5 ft	VMP-4-23.5-072517	7/25/2017	0.026	J		0.00073	J		<0 0081	U		<0.012	U		<0 047	U		0.00077	J		<0.012	U		0.0057	J	
		VMP-4-23.5-072517-DUP	7/25/2017	<0.03	U		0.00069	J		<0 0086	U		<0.013	U		<0.05	U		0.00075	J		<0.012	U		<0.015	U	
		VMP-4-23.5-110117	11/1/2017	0.013	J		0.00064	J		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		0.008	J		<0.013	U	
		VMP-4-23.5-012318	1/23/2018	<0.03	J	U	<0.004	J	U	<0 0084	U		<0.013	U		<0 049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-4-23.5-041118	4/11/2018	<0.22	U		<0.074	U		<0.16	U		<0 24	U		<0.36	U		<0.052	U		20			<0.27	U	
		VMP-4-23.5-041118-DUP	4/11/2018	<0.25	U		<0.083	U		<0.17	U		<0 27	U		<0.4	U		<0.058	U		23			<0.31	U	

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-5-5-072017	7/20/2017	0.059			0.00075	J		0.0018	J		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		0 004	J	
		VMP-5-5-103017	10/30/2017	<0.027	J	U	<0.0036	J	U	<0 0075	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-5-5-012518	1/25/2018	0.012	J		<0.0034	J	U	<0 0072	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		0.0036	J	
		VMP-5-5-041618	4/16/2018	0 0053	J		<0.0034	U		<0 0072	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		<0.013	U	
	12.5 ft	VMP-5-12.5-072017	7/20/2017	0.017	J		0.00049	J		0.0094			<0.013	U		<0 049	U		<0.0028	U		<0.012	U		0.0032	J	
		VMP-5-12.5-102017	10/30/2017	<0.025	J	U	<0.0034	J	U	0.0036	J		<0.011	U		<0 041	U		<0.0023	U		<0.01	U		0.0035	J	
		VMP-5-12.5-012518	1/25/2018	<0.027	J	U	<0.0036	U		<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-5-12.5-041618	4/16/2018	0.011	J		0.00062	J		0.0011	J		<0.012	U		<0 044	U		<0.0025	U		0.0089	J		0.0024	J	
	31 ft	VMP-5-31-072017	7/20/2017	0.015	J		<0.004	U		0.0022	J		<0.013	U		<0 048	U		<0.0028	U		<0.012	U		0.0028	J	
		VMP-5-31-072017-DUP	7/20/2017	0.011	J		<0.0038	U		0.002	J		<0.012	U		<0 047	U		<0.0026	U		<0.011	U		0.0028	J	
		VMP-5-31-103017	10/30/2017	<0.026	J	U	<0.0035	J	U	<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-5-31-012518	1/25/2018	<0.027	J	U	<0.0036	U		<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-5-31-041618	4/16/2018	0 0064	J		<0.0035	U		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
	40 ft	VMP-5-40-012518	1/25/2018	<0.025	J	U	<0.0034	J	U	<0.007	U		<0.011	U		<0 041	U		<0.0023	U		<0.01	U		<0.012	U	
		VMP-5-40-041618	4/16/2018	0.014	J		0.00053	J		<0 0072	U		<0.011	U		<0 042	U		<0.0024	U		0.0068	J		0 003	J	
		VMP-5-40-041618-DUP	4/16/2018	0.016	J		<0.0035	U		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		0.0028	J	
VMP-6	5 ft	VMP-6-5-072117	7/21/2017	0.021	J		<0.0038	U		<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		0.0042	J	
		VMP-6-5-103117	10/31/2017	<0.025	J	U	<0.0034	U		<0 0072	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		0.0028	J	
		VMP-6-5-012418	1/24/2018	<0.026	J	U	<0.0035	U		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		0.0067	J		<0.013	U	
		VMP-6-5-042318	4/23/2018	0.015	J		<0.0034	U		<0 0072	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		0.0069	J	
	10 ft	VMP-6-10-072117	7/21/2017	0.014	J		<0.0037	U		<0 0077	U		<0.012	U		<0 045	U		<0.0025	U		<0.011	U		0.0044	J	
		VMP-6-10-103117	10/31/2017	0.023	J		<0.0034	J	U	<0 0071	U		<0.011	U		<0 041	U		<0.0023	U		0.004	J		<0.012	U	
		VMP-6-10-012418	1/24/2018	<0.026	J	U	0.00069	J		0.0025	J		<0.011	U		<0 042	U		<0.0024	U		0.004	J		<0.013	U	
		VMP-6-10-042318	4/23/2018	0.011	J		<0.0038	U		<0.008	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
	31.5 ft	VMP-6-31.5-072117	7/21/2017	0.011	J		<0.0038	U		<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-6-31.5-072117-DUP	7/21/2017	0.028	J		<0.0038	U		<0.008	U		<0.012	U		<0 046	U		<0.0026	U		0.0085	J		0.0049	J	
		VMP-6-31.5-103117	10/31/2017	<0.026	J	U	<0.0034	J	U	<0 0072	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		0.0027	J	
		VMP-6-31.5-013118	1/31/2018	<0.028	J	U	0.00041	J		<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		0.0038	J		<0.014	U	
		VMP-6-31.5-042318	4/23/2018	0 0057	J		<0.0038	U		<0.008	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
	39 ft	VMP-6-39-103117	10/31/2017	<0.026	J	U	<0.0035	J	U	<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-6-39-103117-DUP	10/31/2017	<0.026	J	U	<0.0036	J	U	<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		0.0038	J	
		VMP-6-39-012418	1/24/2018	0.01	J		0.0052			<0 0072	U		<0.011	U		<0 042	U		<0.0024	U		0.013			<0.013	U	
		VMP-6-39-012418-DUP	1/24/2018	<0.028	J	U	0.0054			<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		0.0087	J		<0.014	U	
		VMP-6-39-042318	4/23/2018	0 0079	J		<0.0038	U		<0.008	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
VMP-7	5 ft	VMP-7-5-072117	7/21/2017	0.028	J		0.00079	J		<0 0082	U		<0.013	U		<0 048	U		<0.0027	U		<0.012	U		0 007	J	
		VMP-7-5-102517	10/25/2017	0.022	J		<0.0036	J	U	<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		0.0026	J		0 004	J	
		VMP-7-5-012518	1/25/2018	<0.027	J	U	<0.0036	J	U	<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-7-5-042318	4/23/2018	0 0086	J		<0.0038	U		<0.008	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
	13.5 ft	VMP-7-13.5-072117	7/21/2017	0.018	J		<0.0038	U		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.011	U		<0.014	U	
		VMP-7-13.5-102517	10/25/2017	0.027	J		<0.0037	U		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-7-13.5-012518	1/25/2018	<0.028	J	U	<0.0037	U		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-7-13.5-042318	4/23/2018	0.006	J		<0.0036	U		<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.014	U	
	29.5 ft	VMP-7-29.5-072117	7/21/2017	0.021	J		<0.0038	U		<0.008	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		0.0047	J	
		VMP-7-29.5-102517	10/25/2017	<0.028	J	U	<0.0038	J	U	<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-7-29.5-012518	1/25/2018	0 0094	J		<0.0037	U		<0 0077	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-7-29.5-042318	4/23/2018	0 0049	J		<0.0037	U		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
	38 ft	VMP-7-38-102517	10/25/2017	<0.028	J	U	0.0015	J		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-7-38-012518	1/25/2018	0 0095	J		<0.0036	U		<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-7-38-042318	4/23/2018	0 0066	J		<0.0036	U		<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-7-38-042318-DUP	4/23/2018	0.012	J		<0.0037	U		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	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	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-8-5-071917	7/19/2017	0.011	J		0.00058	J		<0.008	U		<0.012	U		<0 047	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-8-5-103017	10/30/2017	<0.027	J	U	<0.0037	J	U	<0 0077	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-8-5-012218	1/22/2018	<0.027	J	U	<0.0036	J	U	<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-8-5-041818	4/18/2018	0 0064	J		<0.0038	U		<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
	9.5 ft	VMP-8-9.5-071917	7/19/2017	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-8-9.5-103017	10/30/2017	<0.027	J	U	<0.0036	U		<0 0075	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-8-9.5-012218	1/22/2018	<0.028	U		<0.0037	J	U	<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-8-9.5-041818	4/18/2018	0.013	J		<0.0038	U		<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		0.0038	J	
	23.5 ft	VMP-8-23.5-071917	7/19/2017	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-8-23.5-103017	10/30/2017	<0.026	J	U	<0.0036	J	U	<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		0.0035	J	
		VMP-8-23.5-012218	1/22/2018	<0.028	J	U	<0.0037	J	U	<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-8-23.5-012218-DUP	1/22/2018	<0.028	J	U	<0.0038	J	U	<0.008	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-8-23.5-041818	4/18/2018	0.026	J		<0.0039	U		<0 0082	U		<0.013	U		<0 047	U		<0.0027	U		<0.012	U		0.01	J	
	35.5 ft	VMP-8-35.5-071917	7/19/2017	0.042	J		<0.007	U		<0.015	U		<0.023	U		<0 085	U		<0.0048	U		<0.021	U		0.02	J	
		VMP-8-35.5-071917-DUP	7/19/2017	0.028	J		<0.0078	U		<0.016	U		<0.025	U		<0 095	U		<0.0054	U		<0.023	U		<0.029	U	
		VMP-8-35.5-103017	10/30/2017	<0.027	J	U	<0.0036	J	U	<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-8-35.5-042018	4/20/2018	0 0094	J		<0.0036	U		<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		0.0029	J	
VMP-9	5 ft	VMP-9-5-071917	7/19/2017	0.012	J		0.00042	J		<0 0082	U		<0.013	U		<0 048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-9-5-110117	11/1/2017	0 0091	J		<0.0035	J	U	<0 0073	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-9-5-012218	1/22/2018	0 0064	J		<0.004	J	U	<0 0084	U		<0.013	U		<0 049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-9-5-042618	4/26/2018	0 0067	J		<0.0039	U		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		<0.014	U	
	11.5 ft	VMP-9-11.5-071917	7/19/2017	0.012	J		<0.0038	U		0.0022	J		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-9-11.5-110117	11/1/2017	0.011	J		<0.0038	J	U	<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-9-11.5-012218	1/22/2018	0 0058	J		<0.0038	J	U	<0.008	U		<0.012	U		<0 047	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-9-11.5-042618	4/26/2018	0 0068	J		<0.0039	U		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		<0.014	U	
	25.5 ft	VMP-9-25-5-071917	7/19/2017	0.011	J		0.00076	J		<0 0082	U		<0.013	U		<0 048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-9-25.5-110117	11/1/2017	<0.027	J	U	<0.0036	J	U	<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-9-25.5-012218	1/22/2018	0 0047	J		<0.0038	J	U	<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		0.0026	J		<0.014	U	
		VMP-9-25.5-042618	4/26/2018	0.032			0.0028	J		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		0.018			0 011	J	
	38.5 ft	VMP-9-38.5-110117	11/1/2017	0.01	J		<0.0036	J	U	<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-9-38.5-012218	1/22/2018	<0.029	U		<0.0038	J	U	<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.011	U		<0.014	U	
		VMP-9-38.5-042618	4/26/2018	0.011	J		0.00096	J		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		<0.014	U	
VMP-18	8.5 ft	VMP-18-8.5-072717	7/27/2017	0.021	J		0.00084	J		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-18-8.5-110317	11/3/2017	0 0097	J		0.0012	J		<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-18-8.5-110317-DUP	11/3/2017	<0.025	J	U	0.0011	J		<0.007	U		<0.011	U		<0.04	U		<0.0023	U		<0.0099	U		<0.012	U	
		VMP-18-8.5-012418	1/24/2018	0 0095	J		<0.0037	U		<0 0077	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-18-8.5-033018	3/30/2018	0.003	J		<0.0039	U		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-18-8.5-041018	4/10/2018	0 0085	J		<0.0036	U		<0 0075	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
VMP-19	5 ft	VMP-19-5-072717	7/27/2017	0.024	J		0.0032	J		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		0 01	J		0.0062	J	
		VMP-19-5-102517	10/25/2017	<0.027	J	U	0.00074	J		<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-19-5-012518	1/25/2018	0.012	J		<0.0036	J	U	<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		0.0099	J		0.0039	J	
		VMP-19-5-042618	4/26/2018	0.019	J		<0.004	U		<0 0084	U		<0.013	U		<0 049	U		<0.0028	U		<0.012	U		0.0029	J	
VMP-20	5 ft	VMP-20-5-072417	7/24/2017	0 0094	J		<0.0039	U		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		0 004	J	
		VMP-20-5-103117	10/31/2017	<0.027	J	U	<0.0036	J	U	<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-20-5-012218	1/22/2018	<0.028	U		<0.0037	J	U	<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-20-5-041218	4/12/2018	0 0077	J		<0.0038	U		<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
	10 ft	VMP-20-10-072417	7/24/2017	0 0099	J		<0.0037	U		<0 0077	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		0.0044	J	
		VMP-20-10-103117	10/31/2017	<0.026	J	U	<0.0035	J	U	<0 0073	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-20-10-012218	1/22/2018	<0.028	J	U	<0.0038	U		<0.008	U		<0.012	U		<0 047	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-20-10-041218	4/12/2018	0.011	J		<0.0038	U		<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
	25 ft	VMP-20-25-072417	7/24/2017	0 0078	J		<0.0039	U		<0 0082	U		<0.013	U		<0 048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-20-25-103117	10/31/2017	<0.027	J	U	<0.0036	J	U	<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-20-25-012218	1/22/2018	<0.027	U		<0.0037	J	U	<0 0077	U		<0.012	U		<0 045	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-20-25-041218	4/12/2018	0.007	J		<0.0038	U		<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
	39.5 ft	VMP-20-39.5-041218	4/12/2018	0 0063	J		<0.0037	U		<0 0077	U		<0.012	U		<0 045	U		<0.0026	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	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-21-5-072017	7/20/2017	0.031			<0.0037	U		<0 0077	U		<0.012	U		<0 045	U		<0.0025	U		<0.011	U		0.0028	J	
		VMP-21-5-103117	10/31/2017	<0.027	J	U	<0.0036	J	U	<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-21-5-012318	1/23/2018	0.012	J		<0.0034	J	U	<0 0072	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		0.0031	J	
		VMP-21-5-041318	4/13/2018	0 0059	J		<0.0038	U		<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
	10 ft	VMP-21-10-072017	7/20/2017	0 0082	J		<0.0039	U		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		0.0017	J	
		VMP-21-10-103117	10/31/2017	0.018	J		<0.0035	J	U	<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-21-10-012318	1/23/2018	<0.026	J	U	<0.0035	U		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-21-10-041318	4/13/2018	0 0092	J		<0.0038	U		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.011	U		<0.014	U	
	25 ft	VMP-21-25-072017	7/20/2017	0.011	J		<0.0038	U		<0.008	U		<0.012	U		<0 047	U		<0.0026	U		<0.011	U		0.0023	J	
		VMP-21-25-103117	10/31/2017	<0.027	J	U	<0.0037	J	U	<0 0077	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-21-25-012318	1/23/2018	<0.027	J	U	<0.0036	U		<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-21-25-041318	4/13/2018	0.008	J		<0.0039	U		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		<0.014	U	
	33 ft	VMP-21-33-072017	7/20/2017	0.017	J		0.00084	J		<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		0.0028	J	
		VMP-21-33-072017-DUP	7/20/2017	0.012	J		0.00071	J		<0 0082	U		<0.013	U		<0 047	U		<0.0027	U		<0.012	U		0.0019	J	
		VMP-21-33-103117	10/31/2017	<0.027	J	U	<0.0036	J	U	<0 0075	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-21-33-012318	1/23/2018	<0.026	J	U	<0.0034	J	U	<0 0072	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-21-33-012318-DUP	1/23/2018	<0.026	J	U	<0.0035	J	U	<0 0073	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-21-33-041318	4/13/2018	0 0068	J		<0.0041	U		<0 0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
VMP-22	5 ft	VMP-22-5-072617	7/26/2017	0.036			<0.0039	U		<0 0082	U		<0.013	U		<0 048	U		<0.0027	U		<0.012	U		0.0047	J	
		VMP-22-5-102617	10/26/2017	0.012	J		<0.0035	U		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		0.0022	J	
		VMP-22-5-013018	1/30/2018	<0.027	J	U	<0.0036	J	U	<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		0.0034	J		<0.013	U	
		VMP-22-5-041318	4/13/2018	0 0058	J		<0.0038	U		<0.008	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
	10 ft	VMP-22-10-072617	7/26/2017	0.031			<0.0039	U		<0 0082	U		<0.013	U		<0 047	U		<0.0027	U		0.013			0.0047	J	
		VMP-22-10-102617	10/26/2017	0.017	J		<0.0038	U		<0.008	U		<0.012	U		<0 047	U		<0.0026	U		0.0036	J		0.0046	J	
		VMP-22-10-013018	1/30/2018	<0.025	J	U	0.0012	J		<0 0072	U		<0.011	U		<0 042	U		<0.0024	U		0.011			<0.013	U	
		VMP-22-10-050118	5/1/2018	0.021	J		<0.004	U		<0 0084	U		<0.013	U		<0 049	U		<0.0028	U		0.0036	J		0.0041	J	
	18 ft	VMP-22-18-072617	7/26/2017	0.016	J		<0.0044	U		0.0058	J		<0.014	U		<0 053	U		<0.003	U		<0.013	U		0.0048	J	
		VMP-22-18-102617	10/26/2017	0.012	J		<0.0037	U		<0 0077	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		0.0021	J	
		VMP-22-18-013018	1/30/2018	<0.025	J	U	0.0052			<0 0071	U		<0.011	U		<0 041	U		<0.0023	U		0.0084	J		<0.012	U	
		VMP-22-18-041318	4/13/2018	0 0075	J		<0.0042	U		0.0026	J		<0.013	U		<0 051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-22-18-041318-DUP	4/13/2018	0 0047	J		<0.0039	U		0.0027	J		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		<0.014	U	
	38 ft	VMP-22-38-072617	7/26/2017	0.03			<0.0038	U		<0.008	U		<0.012	U		<0 046	U		<0.0026	U		0.0049	J		0.0057	J	
		VMP-22-38-072617-DUP	7/26/2017	0.027	J		<0.0038	U		<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		0 006	J	
		VMP-22-38-102617	10/26/2017	0.014	J		0.00047	J		<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		0.0025	J	
		VMP-22-38-013018	1/30/2018	<0.027	J	U	0.001	J		<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		0 01	J		<0.013	U	
		VMP-22-38-050118	5/1/2018	0.014	J		<0.004	U		<0 0084	U		<0.013	U		<0 049	U		<0.0028	U		0.0059	J		0.0033	J	
VMP-23	5 ft	VMP-23-5-072017	7/20/2017	0.022	J		<0.0038	U		0.00072	J		<0.012	U		<0 047	U		<0.0026	U		<0.011	U		0 005	J	
		VMP-23-5-102517	10/25/2017	0.011	J		<0.0038	U		<0.008	U		<0.012	U		<0 047	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-23-5-012318	1/23/2018	0.011	J		<0.0041	J	U	<0 0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0066	J		<0.015	U	
		VMP-23-5-041618	4/16/2018	0 0096	J		<0.0036	U		<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
	10 ft	VMP-23-10-072017	7/20/2017	0.014	J		<0.0038	U		0.0016	J		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-23-10-102517	10/25/2017	<0.028	J	U	0.0011	J		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		0.0056	J		<0.014	U	
		VMP-23-10-012318	1/23/2018	0.012	J		<0.0036	J	U	<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		0.0036	J	
		VMP-23-10-041618	4/16/2018	0.02	J		<0.0037	U		0.0024	J		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		0.0035	J	
	25 ft	VMP-23-25-072017	7/20/2017	0 0084	J		<0.0036	U		0.0034	J		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-23-25-102517	10/25/2017	0.021	J		<0.0038	J	U	<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-23-25-012318	1/23/2018	0.015	J		<0.0035	J	U	<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-23-25-041618	4/16/2018	0 0072	J		<0.0036	U		<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
	40 ft	VMP-23-40-012318	1/23/2018	<0.028	U		<0.0037	U		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-23-40-041618	4/16/2018	0 0098	J		<0.0035	U		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	

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-24-5-072117	7/21/2017	0.14			<0.004	U		<0 0083	U		<0.013	U		<0 048	U		<0.0028	U		<0.012	U		0 026		
		VMP-24-5-102517	10/25/2017	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-24-5-012418	1/24/2018	0.017	J		0.00032	J		<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		0.014			<0.013	U	
		VMP-24-5-042518	4/25/2018	0 0076	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-24-10-072117	7/21/2017	0.025	J		<0.0039	U		<0 0082	U		<0.013	U		<0 047	U		<0.0027	U		<0.012	U		0.0038	J	
		VMP-24-10-102517	10/25/2017	<0.026	J	U	<0.0035	U		<0 0073	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-24-10-012418	1/24/2018	<0.026	J	U	0.00053	J		<0 0073	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-24-10-042518	4/25/2018	0.027	J		<0.0038	U		<0.008	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		0.0034	J	
	22 ft	VMP-24-22-072117	7/21/2017	0.014	J		<0.0038	U		<0.008	U		<0.012	U		<0 047	U		<0.0026	U		<0.011	U		0.0059	J	
		VMP-24-22-102517	10/25/2017	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-24-22-013118	1/31/2018	<0.027	J	U	0.00038	J		<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-24-22-042518	4/25/2018	0.007	J		<0.0036	U		<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.014	U	
	34 ft	VMP-24-34-072117	7/21/2017	0.02	J		<0.0038	U		<0.008	U		<0.012	U		<0 047	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-24-34-072117-DUP	7/21/2017	0.018	J		<0.0039	U		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		0 005	J	
		VMP-24-34-102517	10/25/2017	0.013	J		<0.0037	J	U	<0 0077	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-24-34-012418	1/24/2018	<0.025	J	U	0.00038	J		<0 0071	U		<0.011	U		<0 041	U		<0.0023	U		0.0056	J		<0.012	U	
		VMP-24-34-042518	4/25/2018	0.01	J		0.0013	J		<0 0083	U		<0.013	U		<0 048	U		<0.0027	U		<0.012	U		0.0034	J	
		VMP-24-34-042518-DUP	4/25/2018	0 0062	J		0.001	J		<0.008	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
VMP-32	5 ft	VMP-32-5-072417	7/24/2017	0.047			0.00078	J		<0.008	U		<0.012	U		<0 046	U		<0.0026	U		0.0074	J		0.0079	J	
		VMP-32-5-103117	10/31/2017	0.018	J		<0.0036	J	U	<0 0075	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		0.0032	J	
		VMP-32-5-012918	1/29/2018	0 0076	J		<0.0034	U		<0 0072	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-32-5-032818	3/28/2018	0.019	J		<0.0038	U		<0.008	U		<0.012	U		<0 046	U		<0.0026	U		0.0047	J		0.0033	J	
		VMP-32-5-041018	4/10/2018	0.011	J		0.00036	J		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		0.0028	J	
	10 ft	VMP-32-10-072417	7/24/2017	0.034			0.0013	J		<0 0082	U		<0.013	U		<0 047	U		<0.0027	U		<0.012	U		0.0087	J	
		VMP-32-10-103117	10/31/2017	<0.028	J	U	<0.0038	U		<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-32-10-012918	1/29/2018	<0.026	J	U	<0.0035	U		<0 0073	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-32-10-032818	3/28/2018	0.008	J		<0.004	U		<0 0083	U		<0.013	U		<0 048	U		<0.0028	U		<0.012	U		0.0019	J	
		VMP-32-10-041018	4/10/2018	0 0044	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-32-20-072417	7/24/2017	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-32-20-103117	10/31/2017	0.009	J		<0.0037	U		<0 0077	U		<0.012	U		<0 045	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-32-20-012918	1/29/2018	<0.024	J	U	<0.0032	U		<0 0068	U		<0 01	U		<0 039	U		<0.0022	U		0.0032	J		<0.012	U	
		VMP-32-20-032818	3/28/2018	0.013	J		0.00071	J		<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		0.018			0.0034	J	
		VMP-32-20-041018	4/10/2018	0.011	J		<0.0036	U		<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
	30 ft	VMP-32-30-072417	7/24/2017	0.032			0.00087	J		<0 0083	U		<0.013	U		<0 048	U		<0.0027	U		0.0053	J		0.0048	J	
		VMP-32-30-072417-DUP	7/24/2017	0.029			<0.0039	U		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		0.0052	J	
		VMP-32-30-103117	10/31/2017	0.039	J		0.0055	J		<0.015	U		<0.023	U		<0 087	U		<0.005	U		<0.021	U		0.0062	J	
		VMP-32-30-012918	1/29/2018	<0.027	J	U	0.00044	J		<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-32-30-032818	3/28/2018	0.014	J		<0.0037	U		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		0 01	J		0.0025	J	
		VMP-32-30-041018	4/10/2018	0 0089	J		0.0014	J		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		0.0074	J		<0.013	U	
		VMP-32-30-041018-DUP	4/10/2018	0.01	J		0.0015	J		<0.007	U		<0.011	U		<0 041	U		<0.0023	U		0.0091	J		<0.012	U	
VMP-42	10 ft	VMP-42-10-072017	7/20/2017	0.014	J		<0.0038	U		<0.008	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		0.0023	J	
		VMP-42-10-110117	11/1/2017	0.014	J		<0.0033	J	U	<0 0069	U		<0 01	U		<0.04	U		<0.0023	U		<0.0097	U		<0.012	U	
		VMP-42-10-012318	1/23/2018	<0.026	J	U	<0.0035	U		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-42-10-041918	4/19/2018	0 0068	J		0.00086	J		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
	20 ft	VMP-42-20-072017	7/20/2017	0.021	J		0.00036	J		<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		0.0041	J	
		VMP-42-20-110117	11/1/2017	0.011	J		<0.0035	J	U	<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-42-20-012318	1/23/2018	<0.027	J	U	<0.0036	J	U	<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-42-20-041918	4/19/2018	0 0059	J		<0.0034	U		<0 0072	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		<0.013	U	
	30 ft	VMP-42-30-072017	7/20/2017	0.011	J		<0.0039	U		<0 0082	U		<0.013	U		<0 048	U		<0.0027	U		<0.012	U		0.0017	J	
		VMP-42-30-110117	11/1/2017	0.019	J		<0.0036	J	U	<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		0.0044	J	
		VMP-42-30-110117-DUP	11/1/2017	0.033			<0.0034	J	U	<0 0072	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		0.0036	J	
		VMP-42-30-012318	1/23/2018	<0.024	J	U	<0.0032	J	U	<0 0067	U		<0 01	U		<0 039	U		<0.0022	U		<0.0096	U		<0.012	U	
		VMP-42-30-041918	4/19/2018	0 0059	J		<0.0036	U		<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
VMP-43	10 ft	VMP-43-10-072417	7/24/2017	0.02	J		<0.004	U		<0 0085	U		<0.013	U		<0 049	U		<0.0028	U		<0.012	U		0.0045	J	
		VMP-43-10-102717	10/27/2017	0.012	J		<0.0036	U		<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-43-10-012618	1/26/2018	<0.025	J	U	<0.0034	U		<0 0071	U		<0.011	U		<0 041	U		<0.0024	U		<0.01	U		<0.012	U	
		VMP-43-10-041218	4/12/2018	0.019	J		<0.0038	U		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.011	U		<0.014	U	
	20 ft	VMP-43-20-072417	7/24/2017	0.011	J		<0.0041	U		<0 0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-43-20-102717	10/27/2017	0.01	J		<0.0037	U		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-43-20-012618	1/26/2018	<0.028	J	U	<0.0038	U		0.033			<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-43-20-041218	4/12/2018	0.15			<0.0036	U		<0 0075	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		0.0041	J	
	30 ft	VMP-43-30-072417	7/24/2017	0.023	J		<0.0037	U		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		0.0044	J	
		VMP-43-30-102717	10/27/2017	0.013	J		<0.0036	U		<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		0.0033	J	
		VMP-43-30-012618	1/26/2018	<0.028	J	U	<0.0037	J	U	0.038			<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-43-30-041218	4/12/2018	0.014	J		<0.0038	U		0.0036	J		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-43-30-041218-DUP	4/12/2018	0.05			<0.0038	U		0.0037	J		<0.012	U		<0 047	U		<0.0026	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	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-44-10-072517	7/25/2017	0.014	J		0.0004	J		<0 0085	U		<0.013	U		<0 049	U		<0.0028	U		<0.012	U		0 003	J	
		VMP-44-10-102517	10/25/2017	0.018	J		<0.0039	J	U	<0 0082	U		<0.013	U		<0 047	U		<0.0027	U		<0.012	U		0.0039	J	
		VMP-44-10-012518	1/25/2018	<0.027	J	U	<0.0037	J	U	<0 0077	U		<0.012	U		<0 045	U		<0.0026	U		0.012			<0.014	U	
		VMP-44-10-042318	4/23/2018	0 0067	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-44-20-072517	7/25/2017	0.02	J		<0.0041	U		<0 0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.0046	J	
		VMP-44-20-102517	10/25/2017	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-44-20-012518	1/25/2018	<0.027	J	U	<0.0036	J	U	<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		0.009	J		<0.013	U	
		VMP-44-20-042718	4/27/2018	0.022	J		0.00094	J		0.0031	J		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		0.0061	J	
	30 ft	VMP-44-30-072517	7/25/2017	0 0078	J		<0.004	U		<0 0084	U		<0.013	U		<0 049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-44-30-102517	10/25/2017	0.019	J		0.00085	J		<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		0.0035	J	
		VMP-44-30-102517-DUP	10/25/2017	0.015	J		<0.0037	J	U	<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		0.0038	J		<0.014	U	
		VMP-44-30-012518	1/25/2018	<0.027	J	U	0.00094	J		<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		0 01	J		<0.014	U	
		VMP-44-30-012518-DUP	1/25/2018	<0.027	J	U	0.00087	J		<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		0.013			<0.013	U	
		VMP-44-30-052118	5/21/2018	0.019	J		0.00061	J		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		<0.014	U	
VMP-45	10 ft	VMP-45-10-072517	7/25/2017	0.014	J		<0.004	U		<0 0084	U		<0.013	U		<0 049	U		<0.0028	U		<0.012	U		0.0037	J	
		VMP-45-10-103117	10/31/2017	<0.026	J	U	<0.0035	J	U	<0 0073	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-45-10-012418	1/24/2018	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-45-10-041818	4/18/2018	0.013	J		<0.0037	U		<0 0077	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		0.0019	J	
	20 ft	VMP-45-20-072517	7/25/2017	0.012	J		<0.004	U		<0 0084	U		<0.013	U		<0 048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-45-20-103117	10/31/2017	<0.026	J	U	<0.0035	J	U	<0 0073	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-45-20-012418	1/24/2018	<0.026	J	U	0.00034	J		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-45-20-041818	4/18/2018	0 0094	J		<0.0037	U		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		0.0023	J	
	30 ft	VMP-45-30-072517	7/25/2017	0 0063	J		<0.004	U		<0 0084	U		<0.013	U		<0 049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-45-30-103117	10/31/2017	0.019	J		<0.0036	J	U	<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		0.0054	J	
		VMP-45-30-012418	1/24/2018	<0.027	J	U	0.00037	J		<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-45-30-041818	4/18/2018	0.015	J		<0.0038	U		<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		0.0054	J	
VMP-47	5 ft	VMP-47-5-072417	7/24/2017	0.017	J		<0.0039	U		0.001	J		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		0.0042	J	
		VMP-47-5-102617	10/26/2017	0.02	J		0.015			<0.008	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		0.0044	J	
		VMP-47-5-012618	1/26/2018	<0.027	J	U	<0.0036	U		<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		0.0042	J		<0.013	U	
		VMP-47-5-042718	4/27/2018	0.038			<0.0039	U		0.003	J		<0.013	U		<0 048	U		<0.0027	U		<0.012	U		<0.014	U	
	10 ft	VMP-47-10-072417	7/24/2017	0.018	J		0.00078	J		0.033			<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-47-10-102617	10/26/2017	0.013	J		<0.0038	U		0.011			<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-47-10-012618	1/26/2018	0 0097	J		<0.0036	U		0.007	J		<0.012	U		<0 043	U		<0.0025	U		0.0052	J		<0.013	U	
		VMP-47-10-042718	4/27/2018	0 0096	J		<0.0039	U		0.021			<0.012	U		<0 047	U		<0.0027	U		<0.012	U		<0.014	U	
	20 ft	VMP-47-20-072417	7/24/2017	0.067			<0.0038	U		0.0042	J		<0.012	U		<0 047	U		<0.0026	U		0.015			0.0092	J	
		VMP-47-20-102617	10/26/2017	0.014	J		<0.0038	U		0.0026	J		<0.012	U		<0 046	U		<0.0026	U		0.003	J		<0.014	U	
		VMP-47-20-012618	1/26/2018	<0.028	J	U	<0.0038	U		0.0016	J		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-47-20-012618-DUP	1/26/2018	<0.027	J	U	<0.0036	U		0.0017	J		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-47-20-042718	4/27/2018	0.017	J		<0.0039	U		0.004	J		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		<0.014	U	
	30 ft	VMP-47-30-072417	7/24/2017	0.023	J		0.001	J		0.011			<0.013	U		<0 048	U		<0.0028	U		<0.012	U		0.0046	J	
		VMP-47-30-102617	10/26/2017	<0.029	J	U	<0.0039	J	U	0.0042	J		<0.013	U		<0 048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-47-30-012618	1/26/2018	0.011	J		<0.0037	U		0.0019	J		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-47-30-042718	4/27/2018	0.013	J		0.0015	J		0.0073	J		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-47-30-042718-DUP	4/27/2018	0.014	J		0.0014	J		0.006	J		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		0.0037	J	
VMP-48	5 ft	VMP-48-5-072117	7/21/2017	0.023	J		<0.0038	U		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.011	U		0.0049	J	
		VMP-48-5-103117	10/31/2017	0.015	J		0.0008	J		<0 0073	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		0.0042	J	
		VMP-48-5-012618	1/26/2018	<0.028	J	U	<0.0038	U		<0.008	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-48-5-042718	4/27/2018	0.022	J		<0.01	U		<0.022	U		<0.033	U		<0.12	U		<0.0071	U		<0.031	U		<0.038	U	
	10 ft	VMP-48-10-072117	7/21/2017	0.01	J		<0.0037	U		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		0.0037	J	
		VMP-48-10-103117	10/31/2017	<0.026	J	U	<0.0035	J	U	<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-48-10-012618	1/26/2018	0 0088	J		<0.0035	U		<0 0073	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-48-10-042718	4/27/2018	0 0095	J		<0.0039	U		<0 0083	U		<0.013	U		<0 048	U		<0.0027	U		<0.012	U		<0.014	U	
	20 ft	VMP-48-20-072117	7/21/2017	0.013	J		<0.0037	U		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		0 004	J	
		VMP-48-20-103117	10/31/2017	<0.025	J	U	<0.0034	J	U	<0 0071	U		<0.011	U		<0 041	U		<0.0023	U		<0.01	U		<0.012	U	
		VMP-48-20-012618	1/26/2018	0 0085	J		0.0017	J		<0 0073	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-48-20-042718	4/27/2018	0 0067	J		<0.004	U		<0 0084	U		<0.013	U		<0 049	U		<0.0028	U		<0.012	U		0.0031	J	
	30 ft	VMP-48-30-072117	7/21/2017	0.029			<0.0036	U		<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		0 011	J	
		VMP-48-30-103117	10/31/2017	<0.027	J	U	<0.0036	J	U	<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-48-30-103117-DUP	10/31/2017	<0.026	J	U	<0.0035	J	U	<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-48-30-012618	1/26/2018	<0.027	J	U	<0.0036	U		<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-48-30-042718	4/27/2018	0 0072	J		<0.0039	U		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-48-30-042718-DUP	4/27/2018	0.02	J		<0.0041	U		<0 0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0054	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-49	5 ft	VMP-49-5-072617	7/26/2017	0.023	J		<0.0039	U		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		0 007	J	
		VMP-49-5-102717	10/27/2017	0 0099	J		<0.0036	U		<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		0.0041	J	
		VMP-49-5-012618	1/26/2018	<0.027	J	U	<0.0036	J	U	<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-49-5-041918	4/19/2018	0.02	J		<0.0038	U		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.011	U		0.0082	J	
	10 ft	VMP-49-10-072617	7/26/2017	0.016	J		<0.004	U		<0 0084	U		<0.013	U		<0 049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-49-10-102717	10/27/2017	<0.027	J	U	<0.0037	U		<0 0077	U		<0.012	U		<0 045	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-49-10-012618	1/26/2018	<0.027	J	U	<0.0036	J	U	<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-49-10-041918	4/19/2018	0 0082	J		0.00062	J		<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
	20 ft	VMP-49-20-072617	7/26/2017	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-49-20-102717	10/27/2017	0 0085	J		<0.0035	U		<0 0073	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-49-20-012618	1/26/2018	<0.028	J	U	<0.0037	U		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-49-20-041918	4/19/2018	0.02	J		<0.0035	U		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		0.0041	J	
	30 ft	VMP-49-30-072617	7/26/2017	0.018	J		<0.004	U		<0 0084	U		<0.013	U		<0 048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-49-30-072617-DUP	7/26/2017	0.014	J		<0.004	U		<0 0083	U		<0.013	U		<0 048	U		<0.0028	U		<0.012	U		0.0048	J	
		VMP-49-30-102717	10/27/2017	0 0099	J		<0.0036	U		<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		0.0036	J	
		VMP-49-30-012618	1/26/2018	<0.028	J	U	<0.0038	J	U	<0.008	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-49-30-042718	4/27/2018	0 0056	J		<0.004	U		<0 0084	U		<0.013	U		<0 049	U		<0.0028	U		<0.012	U		<0.015	U	
VMP-50	5 ft	VMP-50-5-072617	7/26/2017	0.019	J		<0.004	U		<0 0085	U		<0.013	U		<0 049	U		<0.0028	U		<0.012	U		0.0041	J	
		VMP-50-5-110117	11/1/2017	0.011	J		<0.0035	J	U	<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-50-5-013118	1/31/2018	<0.028	J	U	<0.0038	U		<0.008	U		<0.012	U		<0 047	U		<0.0026	U		0.005	J		<0.014	U	
		VMP-50-5-032918	3/29/2018	0 0063	J		<0.0037	U		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-50-5-041018	4/10/2018	0.052	J		<0.086	U		<0.18	U		<0 28	U		<1	U		<0.06	U		15			<0.32	U	
	10 ft	VMP-50-10-072617	7/26/2017	0.014	J		<0.004	U		0.0067	J		<0.013	U		<0 049	U		<0.0028	U		<0.012	U		0.0027	J	
		VMP-50-10-110117	11/1/2017	<0.026	J	U	<0.0035	U		0.0095			<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-50-10-013118	1/31/2018	<0.027	J	U	<0.0036	U		0.006	J		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-50-10-032918	3/29/2018	0 0063	J		<0.0036	U		0.0051	J		<0.012	U		<0 043	U		<0.0025	U		0.0049	J		<0.013	U	
		VMP-50-10-041018	4/10/2018	0.01	J		<0.012	U		0.0084	J		<0.039	U		<0.15	U		<0.0084	U		1.3			<0.044	U	
	20 ft	VMP-50-20-072617	7/26/2017	0 0075	J		<0.0039	U		0.0092			<0.013	U		<0 048	U		<0.0027	U		0.0037	J		<0.014	U	
		VMP-50-20-110117	11/1/2017	0.012	J		<0.0034	J	U	0.007	J		<0.011	U		<0 041	U		<0.0024	U		0.0065	J		<0.012	U	
		VMP-50-20-013118	1/31/2018	0.014	J		0.011	J		<0.031	U		<0.048	U		<0.18	U		<0.01	U		0 63			<0.055	U	
		VMP-50-20-013118-DUP	1/31/2018	0 0083	J		0.014	J		<0.031	U		<0.048	U		<0.18	U		<0.01	U		0.72			<0.055	U	
		VMP-50-20-032918	3/29/2018	0.01	J		<0.0036	U		0.0063	J		<0.012	U		<0 043	U		<0.0025	U		0.007	J		<0.013	U	
		VMP-50-20-041018	4/10/2018	<2.7	U		<0.36	U		<0.76	U		<1.2	U		<4.4	U		<0.25	U		39			<1.3	U	
		VMP-50-20-041018-DUP	4/10/2018	<2.7	U		<0.36	U		<0.77	U		<1.2	U		<4.4	U		<0.25	U		37			<1.4	U	
	30 ft	VMP-50-30-072617	7/26/2017	<0.39	U		0.095			<0.11	U		<0.17	U		<0.64	U		<0.036	U		9.6			<0.19	U	
		VMP-50-30-110117	11/1/2017	0.029	J		0.14			<0.074	U		<0.11	U		<0.17	U		<0.024	U		13			<0.13	U	
		VMP-50-30-110117-DUP	11/1/2017	<0.1	U		0.15			<0.073	U		<0.11	U		<0.17	U		<0.024	U		14			<0.13	U	
		VMP-50-30-013118	1/31/2018	<0.11	U		<0.036	U		<0.076	U		<0.12	U		<0.18	U		<0.025	U		22			<0.13	U	
		VMP-50-30-032918	3/29/2018	<0.37	U		<0.05	U		<0.1	U		<0.16	U		<0.6	U		<0.034	U		14			<0.18	U	
		VMP-50-30-032918-DUP	3/29/2018	<0.35	U		<0.047	U		<0.098	U		<0.15	U		<0.57	U		<0.032	U		13			<0.17	U	
		VMP-50-30-041018	4/10/2018	0.32	J		<0.74	U		<1.6	U		<2.4	U		<9	U		<0.51	U		47			<2.7	U	
VMP-51	5 ft	VMP-51-5-072017	7/20/2017	0 0072	J		<0.004	U		<0 0085	U		<0.013	U		<0 049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-51-5-103017	10/30/2017	<0.027	J	U	<0.0036	J	U	<0 0075	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-51-5-012318	1/23/2018	0.015	J		<0.0036	U		<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-51-5-041618	4/16/2018	0.014	J		<0.0035	U		<0 0073	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		0 003	J	
	10 ft	VMP-51-10-072017	7/20/2017	0.015	J		<0.0036	U		<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		0.0028	J	
		VMP-51-10-103017	10/30/2017	<0.027	J	U	<0.0036	J	U	<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-51-10-012318	1/23/2018	<0.027	J	U	<0.0036	U		<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-51-10-041618	4/16/2018	0 0068	J		<0.0033	U		<0.007	U		<0.011	U		<0.04	U		<0.0023	U		<0.0099	U		<0.012	U	
	20 ft	VMP-51-20-072017	7/20/2017	0.022	J		0.0015	J		<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		0.0023	J	
		VMP-51-20-103017	10/30/2017	<0.028	J	U	<0.0038	J	U	<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		0.0049	J		<0.014	U	
		VMP-51-20-012318	1/23/2018	0.01	J		<0.0036	U		<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-51-20-012318-DUP	1/23/2018	0.016	J		0.00052	J		<0 0071	U		<0.011	U		<0 041	U		<0.0024	U		<0.01	U		<0.012	U	
		VMP-51-20-041618	4/16/2018	0 0068	J		<0.0034	U		<0 0071	U		<0.011	U		<0 041	U		<0.0023	U		<0.01	U		0.0015	J	
	30 ft	VMP-51-30-072017	7/20/2017	0 0096	J		0.0015	J		<0.008	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-51-30-103017	10/30/2017	<0.026	J	U	<0.0035	J	U	<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		0.0029	J		<0.013	U	
		VMP-51-30-012318	1/23/2018	0.014	J		0.00058	J		<0 0092	U		<0.014	U		<0 054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-51-30-041618	4/16/2018	0.012	J		<0.0036	U		<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		0.0022	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-52	5 ft	VMP-52-5-072117	7/21/2017	0.02	J		<0.004	U		<0 0084	U		<0.013	U		<0 049	U		<0.0028	U		<0.012	U		0.0062	J	
		VMP-52-5-102517	10/25/2017	0 0055	J		<0.0036	U		<0 0075	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-52-5-012418	1/24/2018	<0.026	J	U	0.00038	J		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-52-5-042618	4/26/2018	0.011	J		<0.0041	U		<0 0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
	10 ft	VMP-52-10-072117	7/21/2017	0.016	J		<0.004	U		<0 0085	U		<0.013	U		<0 049	U		<0.0028	U		<0.012	U		0.0053	J	
		VMP-52-10-102517	10/25/2017	0.014	J		0.0014	J		<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		0.0036	J	
		VMP-52-10-012418	1/24/2018	0 0099	J		0.00048	J		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-52-10-042618	4/26/2018	0.013	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-52-20-072117	7/21/2017	0.014	J		<0.004	U		0.0015	J		<0.013	U		<0 048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-52-20-102517	10/25/2017	<0.026	J	U	<0.0036	U		<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-52-20-012418	1/24/2018	<0.026	J	U	0.00042	J		0.0016	J		<0.012	U		<0 043	U		<0.0025	U		0.0034	J		<0.013	U	
		VMP-52-20-012418-DUP	1/24/2018	0 0082	J		0.00049	J		0.0024	J		<0.011	U		<0 042	U		<0.0024	U		0.0034	J		<0.013	U	
		VMP-52-20-042618	4/26/2018	0.011	J		<0.0039	U		<0 0083	U		<0.013	U		<0 048	U		<0.0027	U		<0.012	U		<0.014	U	
	30 ft	VMP-52-30-072117	7/21/2017	0.018	J		<0.0041	U		<0 0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0041	J	
		VMP-52-30-102517	10/25/2017	<0.028	J	U	<0.0037	J	U	<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-52-30-102517-DUP	10/25/2017	<0.028	J	U	<0.0038	U		<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-52-30-012418	1/24/2018	0.009	J		0.00068	J		<0.007	U		<0.011	U		<0.04	U		<0.0023	U		<0.0099	U		<0.012	U	
		VMP-52-30-042618	4/26/2018	0 0087	J		<0.0043	U		<0.009	U		<0.014	U		<0 052	U		<0.003	U		<0.013	U		<0.016	U	
VMP-53	5 ft	VMP-53-5-071917	7/19/2017	0.016	J		<0.0039	U		<0 0082	U		<0.013	U		<0 048	U		<0.0027	U		<0.012	U		0.0044	J	
		VMP-53-5-110117	11/1/2017	<0.025	J	U	<0.0034	J	U	<0 0071	U		<0.011	U		<0 041	U		<0.0024	U		<0.01	U		<0.012	U	
		VMP-53-5-012218	1/22/2018	0 0042	J		<0.0039	J	U	<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-53-5-032918	3/29/2018	0 0089	J		<0.0038	U		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.011	U		<0.014	U	
		VMP-53-5-041018	4/10/2018	0 0065	J		<0.0037	U		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
	10 ft	VMP-53-10-071917	7/19/2017	0.014	J		<0.0039	U		0.0041	J		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		0.0026	J	
		VMP-53-10-110117	11/1/2017	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-53-10-012218	1/22/2018	0 0074	J		<0.0039	J	U	<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-53-10-032918	3/29/2018	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-53-10-041018	4/10/2018	0 0034	J		0.0014	J		<0 0077	U		<0.012	U		<0 045	U		<0.0025	U		<0.011	U		<0.014	U	
	20 ft	VMP-53-20-071917	7/19/2017	0.013	J		<0.0039	U		<0 0082	U		<0.013	U		<0 048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-53-20-110117	11/1/2017	0.014	J		<0.0036	U		<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		0.0036	J	
		VMP-53-20-012218	1/22/2018	<0.028	J	U	<0.0038	J	U	<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-53-20-012218-DUP	1/22/2018	<0.029	J	U	<0.0038	J	U	<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		0.0026	J		<0.014	U	
		VMP-53-20-032918	3/29/2018	0 0087	J		<0.0037	U		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-53-20-041018	4/10/2018	0.021	J		<0.0037	U		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		0 004	J	
	30 ft	VMP-53-30-071917	7/19/2017	0 0094	J		<0.0039	U		<0 0082	U		<0.013	U		<0 048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-53-30-071917-DUP	7/19/2017	0 0099	J		<0.0039	U		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-53-30-110117	11/1/2017	0.016	J		<0.0035	J	U	<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-53-30-012218	1/22/2018	<0.029	U		<0.0039	J	U	<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-53-30-032918	3/29/2018	0 0075	J		<0.0037	U		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		0.0056	J		<0.014	U	
		VMP-53-30-041018	4/10/2018	0.024	J		<0.0034	U		<0 0072	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		0.0028	J	
VMP-54	5 ft	VMP-54-5-071917	7/19/2017	0 0076	J		<0.0039	U		<0 0082	U		<0.013	U		<0 047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-54-5-102617	10/26/2017	0.018	J		<0.0035	J	U	<0 0073	U		<0.011	U		<0 042	U		<0.0024	U		0.015			<0.013	U	
		VMP-54-5-012218	1/22/2018	<0.028	J	U	<0.0037	J	U	<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-54-5-041818	4/18/2018	0.012	J		<0.0039	U		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		0.0024	J	
	10 ft	VMP-54-10-071917	7/19/2017	0.012	J		<0.004	U		<0 0084	U		<0.013	U		<0 048	U		<0.0028	U		<0.012	U		0.0023	J	
		VMP-54-10-102617	10/26/2017	<0.027	J	U	<0.0036	J	U	<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-54-10-012218	1/22/2018	<0.028	J	U	<0.0038	J	U	<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-54-10-041818	4/18/2018	0.025	J		<0.0038	U		<0.008	U		<0.012	U		<0 047	U		<0.0026	U		<0.011	U		0.0046	J	
	20 ft	VMP-54-20-071917	7/19/2017	0.021	J		<0.004	U		<0 0083	U		<0.013	U		<0 048	U		<0.0027	U		<0.012	U		0 004	J	
		VMP-54-20-102617	10/26/2017	0.019	J		<0.0034	J	U	<0 0072	U		<0.011	U		<0 042	U		<0.0024	U		0.012			<0.013	U	
		VMP-54-20-012218	1/22/2018	<0.027	U		<0.0036	J	U	<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-54-20-041818	4/18/2018	0.046			<0.0037	U		<0 0077	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		0.0026	J	
	30 ft	VMP-54-30-071917	7/19/2017	0.041			<0.0042	U		<0 0088	U		<0.014	U		<0 051	U		<0.0029	U		<0.012	U		0.0096	J	
		VMP-54-30-102617	10/26/2017	0.018	J		0.00056	J		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		0.0053	J		0.0067	J	
		VMP-54-30-102617-DUP	10/26/2017	0.016	J		<0.0036	U		<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		0.0034	J		0.0027	J	
		VMP-54-30-012218	1/22/2018	<0.028	U		<0.0038	J	U	<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		0.0042	J		<0.014	U	
		VMP-54-30-041818	4/18/2018	0 0084	J		0.00043	J		<0 0082	U		<0.013	U		<0 048	U		<0.0027	U		0.0056	J		<0.014	U	
VMP-56	10 ft	VMP-56-10-072117	7/21/2017	0.014	J		<0.0041	U		<0 0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.0038	J	
		VMP-56-10-102717	10/27/2017	<0.027	J	U	<0.0037	U		<0 0077	U		<0.012	U		<0 045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-56-10-012918	1/29/2018	<0.026	J	U	<0.0035	U		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-56-10-050118	5/1/2018	0.012	J		<0.004	U		<0 0083	U		<0.013	U		<0 048	U		<0.0028	U		<0.012	U		<0.015	U	
	25 ft	VMP-56-25-072117	7/21/2017	0.015	J		<0.004	U		<0 0084	U		<0.013	U		<0 049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-56-25-102717	10/27/2017	0 0072	J		<0.0036	U		<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-56-25-012918	1/29/2018	<0.027	J	U	<0.0036	J	U	<0 0075	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-56-25-050118	5/1/2018	0 0044	J		<0.0038	U		<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.011	U		<0.014	U	
	38.5 ft	VMP-56-38.5-050118	5/1/2018	<46	U		880			<32	U		<50	U		<75	U		<11	U		12000			<57	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-62-5-072517	7/25/2017	0.033			<0.0034	U		<0 0071	U		<0.011	U		<0 041	U		<0.0024	U		<0.01	U		0.0076	J	
		VMP-62-5-083017	8/30/2017	0.028	J		<0.0039	U		<0 0083	U		<0.013	U		<0 048	U		<0.0027	U		<0.012	U		0 007	J	
		VMP-62-5-110317	11/3/2017	0.011	J		<0.0036	U		<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		0.0044	J		<0.013	U	
		VMP-62-5-012918	1/29/2018	<0.026	J	U	<0.0034	U		<0 0072	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-62-5-032818	3/28/2018	0 0094	J		0.00048	J		<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-62-5-041018	4/10/2018	0.009	J		<0.0036	U		<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		<0.013	U	
	10 ft	VMP-62-10-072517	7/25/2017	0.014	J		<0.0038	U		0.0072	J		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-62-10-110317	11/3/2017	<0.026	J	U	<0.0035	U		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-62-10-012918	1/29/2018	<0.025	J	U	<0.0034	U		0.00091	J		<0.011	U		<0 041	U		<0.0024	U		<0.01	U		<0.012	U	
		VMP-62-10-032818	3/28/2018	0 0084	J		<0.0034	U		0.0028	J		<0.011	U		<0 042	U		<0.0024	U		0.0045	J		0.0026	J	
		VMP-62-10-041018	4/10/2018	0 0082	J		<0.0035	U		0.0043	J		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		0 002	J	
	20 ft	VMP-62-20-072517	7/25/2017	0.015	J		<0.0039	U		0.035			<0.012	U		<0 047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-62-20-110317	11/3/2017	0.014	J		<0.0036	J	U	0.0045	J		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-62-20-012918	1/29/2018	0.012	J		<0.0033	U		0.0036	J		<0.011	U		<0.04	U		<0.0023	U		<0.0099	U		0.0029	J	
		VMP-62-20-032818	3/28/2018	0.012	J		<0.0038	U		0.005	J		<0.012	U		<0 047	U		<0.0026	U		<0.011	U		0.0019	J	
	30 ft	VMP-62-30-072517	7/25/2017	0.008	J		<0.0039	U		0.0053	J		<0.012	U		<0 047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-62-30-072517-DUP	7/25/2017	0.013	J		<0.0038	U		0.0048	J		<0.012	U		<0 046	U		<0.0026	U		0.0041	J		0.0046	J	
		VMP-62-30-110317	11/3/2017	<0.027	J	U	<0.0036	U		<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-62-30-110317-DUP	11/3/2017	0.026	J		<0.0036	J	U	<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		0.0042	J	
		VMP-62-30-012918	1/29/2018	<0.025	J	U	0.0012	J		<0.007	U		<0.011	U		<0.04	U		<0.0023	U		0.0035	J		<0.012	U	
		VMP-62-30-012918-DUP	1/29/2018	0 0082	J		0.0012	J		<0 0072	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-62-30-032818	3/28/2018	0 0078	J		<0.0034	U		<0 0072	U		<0.011	U		<0 042	U		<0.0024	U		<0.01	U		0 002	J	
		VMP-62-30-032818-DUP	3/28/2018	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-62-30-041018	4/10/2018	0 0025	J		<0.0036	U		0.00076	J		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		<0.013	U	
VMP-63	5 ft	VMP-63-5-072517	7/25/2017	0.026	J		0.00041	J		<0 0079	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		0.0068	J	
		VMP-63-5-110117	11/1/2017	<0.026	J	U	0.00051	J		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-63-5-012618	1/26/2018	<0.027	J	U	<0.0036	U		<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-63-5-041918	4/19/2018	0 0069	J		<0.0034	U		<0 0071	U		<0.011	U		<0 041	U		<0.0023	U		<0.01	U		<0.012	U	
	10 ft	VMP-63-10-072517	7/25/2017	0.012	J		<0.0039	U		<0 0082	U		<0.013	U		<0 047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-63-10-110117	11/1/2017	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-63-10-012618	1/26/2018	<0.027	J	U	<0.0036	U		<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-63-10-041918	4/19/2018	0.017	J		<0.0035	U		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
	20 ft	VMP-63-20-072517	7/25/2017	0.017	J		0.00045	J		<0 0083	U		<0.013	U		<0 048	U		<0.0027	U		<0.012	U		0.0046	J	
		VMP-63-20-110117	11/1/2017	0.017	J		<0.0035	U		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-63-20-012618	1/26/2018	<0.027	J	U	0.0014	J		<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		0.016			<0.014	U	
		VMP-63-20-041918	4/19/2018	0 0088	J		0.0011	J		<0 0075	U		<0.012	U		<0 043	U		<0.0025	U		<0.011	U		<0.013	U	
	30 ft	VMP-63-30-072517	7/25/2017	0 0093	J		<0.0037	U		<0 0078	U		<0.012	U		<0 045	U		<0.0026	U		0.0023	J		0.0025	J	
		VMP-63-30-110117	11/1/2017	<0.026	J	U	0.00059	J		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-63-30-012618	1/26/2018	0.01	J		0.0011	J		<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		0.0094	J		<0.014	U	
		VMP-63-30-012618-DUP	1/26/2018	0 0095	J		0.0013	J		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		0.011			<0.013	U	
		VMP-63-30-041918	4/19/2018	0 0097	J		<0.0036	U		<0 0076	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-63-30-041918-DUP	4/19/2018	0 0087	J		<0.0035	U		<0 0074	U		<0.011	U		<0 043	U		<0.0024	U		<0.01	U		<0.013	U	
VMP-64	5 ft	VMP-64-5-072517	7/25/2017	0.02	J		<0.0074	U		<0.016	U		<0.024	U		<0.09	U		<0.0051	U		<0.022	U		0.0038	J	
		VMP-64-5-110317	11/3/2017	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-64-5-012218	1/22/2018	0 0031	J		<0.0036	J	U	<0 0077	U		<0.012	U		<0 044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-64-5-041218	4/12/2018	0 0048	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-64-10-072517	7/25/2017	0.011	J		<0.004	U		<0 0085	U		<0.013	U		<0 049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-64-10-110317	11/3/2017	0.019	J		<0.0034	J	U	<0 0071	U		<0.011	U		<0 041	U		<0.0024	U		0.0057	J		0.0045	J	
		VMP-64-10-012218	1/22/2018	<0.028	J	U	<0.0038	J	U	<0.008	U		<0.012	U		<0 046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-64-10-041218	4/12/2018	0 0063	J		<0.0039	U		<0 0082	U		<0.013	U		<0 047	U		<0.0027	U		<0.012	U		<0.014	U	
	20 ft	VMP-64-20-072517	7/25/2017	0.012	J		<0.004	U		<0 0084	U		<0.013	U		<0 049	U		<0.0028	U		<0.012	U		0 004	J	
		VMP-64-20-110317	11/3/2017	0.011	J		<0.0034	J	U	<0 0071	U		<0.011	U		<0 041	U		<0.0024	U		<0.01	U		<0.012	U	
		VMP-64-20-012218	1/22/2018	<0.029	U		<0.0038	J	U	<0 0081	U		<0.012	U		<0 047	U		<0.0027	U		<0.011	U		<0.014	U	
		VMP-64-20-041218	4/12/2018	0 0075	J		<0.0038	U		<0.008	U		<0.012	U		<0 046	U		<0.0026	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-1-5-072417	7/24/2017	<0.015	U		<0.0078	U		<0 0057	U		<0 01	U		<0 013	U		0.004	J		<0.026	U		<0 0064	U	
		VMP-1-5-102617	10/26/2017	<0.014	J	U	<0.0073	U		<0 0054	U		<0.0099	U		<0 012	U		0 0034	J		<0.024	U		<0.006	U	
		VMP-1-5-012618	1/26/2018	0 0022	J		<0.0069	U		<0.005	U		<0.0093	U		<0 012	U		0.00079	J		<0.023	U		<0 0057	U	
		VMP-1-5-042718	4/27/2018	<0.015	J	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-1-8.5-072417	7/24/2017	0 0067	J		<0.0078	U		<0 0057	U		<0.011	U		<0 013	U		0 0019	J		<0.026	U		<0 0064	U	
		VMP-1-8.5-102617	10/26/2017	<0.014	J	U	<0.0071	U		<0 0052	U		<0.0096	U		<0 012	U		0 0014	J		<0.023	U		<0 0058	U	
		VMP-1-8.5-012418	1/24/2018	<0.014	U		<0.007	U		<0 0052	U		<0.0095	U		<0 012	U		0.00082	J		<0.023	U		<0 0058	U	
		VMP-1-8.5-042718	4/27/2018	<0.015	J	U	<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		<0.0059	U		<0.025	U		<0 0063	U	
	23.5 ft	VMP-1-23.5-072417	7/24/2017	<0.015	U		<0.0075	U		<0 0055	U		<0 01	U		<0 012	U		0 0013	J		<0.024	U		<0 0062	U	
		VMP-1-23.5-102617	10/26/2017	<0.015	J	U	<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		0 0029	J		<0.024	U		<0 0061	U	
		VMP-1-23.5-012618	1/26/2018	0 0082	J		<0.0068	U		<0.005	U		<0.0092	U		<0 011	U		<0.0053	U		<0.022	U		<0 0056	U	
		VMP-1-23.5-042718	4/27/2018	<0.015	J	U	<0.0078	U		<0 0057	U		<0 01	U		<0 013	U		<0.006	U		0.0091	J		<0 0064	U	
VMP-2	5 ft	VMP-2-5-072417	7/24/2017	0 0026	J		<0.0078	U		<0 0057	U		<0 01	U		<0 013	U		<0.006	U		<0.026	U		<0 0064	U	
		VMP-2-5-102617	10/26/2017	<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-2-5-012918	1/29/2018	<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-2-5-032818	3/28/2018	<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-2-5-041018	4/10/2018	<0.014	J	U	<0.0072	U		<0 0053	U		<0.0098	U		<0 012	U		<0.0056	U		<0.024	U		<0 0059	U	
	8.5 ft	VMP-2-8.5-072417	7/24/2017	<0.017	U		<0.0086	U		<0 0063	U		<0.012	U		<0 014	U		<0.0067	U		<0.028	U		<0 0071	U	
		VMP-2-8.5-102617	10/26/2017	<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-2-8.5-012918	1/29/2018	<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-2-8.5-032818	3/28/2018	<0.014	J	U	<0.0072	U		<0 0053	U		<0.0098	U		<0 012	U		<0.0056	U		<0.024	U		<0 0059	U	
		VMP-2-8.5-041018	4/10/2018	<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	
	22 ft	VMP-2-22-072417	7/24/2017	0 0038	J		<0.0082	U		<0.006	U		<0.011	U		<0 014	U		0 0051	J		<0.027	U		<0 0068	U	
		VMP-2-22-072417-DUP	7/24/2017	<0.016	U		<0.0079	U		<0 0058	U		<0.011	U		<0 013	U		0.003	J		<0.026	U		<0 0065	U	
		VMP-2-22-102617	10/26/2017	<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-2-22-012918	1/29/2018	<0.013	U		<0.0068	U		<0 0049	U		<0.0092	U		<0 011	U		0.00096	J		<0.022	U		<0 0056	U	
		VMP-2-22-032818	3/28/2018	<0.014	J	U	<0.0072	U		<0 0052	U		<0.0097	U		<0 012	U		0 0014	J		<0.024	U		<0 0059	U	
		VMP-2-22-041018	4/10/2018	0 0046	J		<0.0073	U		<0 0054	U		<0.0099	U		<0 012	U		0.00073	J		<0.024	U		<0.006	U	
VMP-3	5 ft	VMP-3-5-072017	7/20/2017	<0.016	U		<0.0079	U		<0 0058	U		<0.011	U		<0 013	U		0 0052	J		<0.026	U		<0 0065	U	
		VMP-3-5-102617	10/26/2017	<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-3-5-012318	1/23/2018	<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-3-5-042718	4/27/2018	<0.015	J	U	<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		<0.0059	U		<0.025	U		<0 0063	U	
	10 ft	VMP-3-10-072017	7/20/2017	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0 014	U		0 0061	J		<0.027	U		<0 0068	U	
		VMP-3-10-102617	10/26/2017	<0.016	U		<0.0078	U		<0 0057	U		<0.011	U		<0 013	U		0 0014	J		<0.026	U		<0 0064	U	
		VMP-3-10-012318	1/23/2018	<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-3-10-042718	4/27/2018	<0.015	J	U	<0.0075	U		<0 0055	U		<0 01	U		<0 012	U		0 0083			<0.024	U		<0 0062	U	
	22 ft	VMP-3-22-072017	7/20/2017	<0.016	J	U	<0.008	U		<0 0058	U		<0.011	U		<0 013	U		0.01			<0.026	U		<0 0066	U	
		VMP-3-22-102617	10/26/2017	<0.015	U		<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		0.012			<0.024	U		<0 0061	U	
		VMP-3-22-012318	1/23/2018	<0.014	U		0.027			<0 0052	U		<0.0096	U		<0 012	U		0.029			<0.023	U		<0 0058	U	
		VMP-3-22-042718	4/27/2018	<0.016	J	U	<0.0081	U		<0 0059	U		<0.011	U		<0 014	U		0 0061	J		<0.027	U		<0 0067	U	
	31.5 ft	VMP-3-31.5-072017	7/20/2017	<0.016	J	U	<0.0079	U		<0 0058	U		<0.011	U		<0 013	U		0 0045	J		<0.026	U		<0 0065	U	
		VMP-3-31.5-102617	10/26/2017	<0.015	U		<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		0.005	J		<0.024	U		<0 0061	U	
		VMP-3-31.5-102617-DUP	10/26/2017	<0.015	U		<0.0075	U		<0 0055	U		<0 01	U		<0 012	U		0.006			<0.024	U		<0 0062	U	
		VMP-3-31.5-042718	4/27/2018	<0.014	J	U	<0.0073	U		<0 0054	U		<0.0099	U		<0 012	U		0 0064			<0.024	U		<0.006	U	
	39 ft	VMP-3-39-042718	4/27/2018	<0.018	J	U	<0.0092	U		<0 0067	U		<0.012	U		<0 015	U		<0.0071	U		<0.03	U		<0 0075	U	
		VMP-3-39-042718-DUP	4/27/2018	<0.018	J	U	<0.0093	U		<0 0068	U		<0.013	U		<0 016	U		<0.0072	U		<0.031	U		<0 0077	U	
VMP-4	5 ft	VMP-4-5-072517	7/25/2017	<0.016	J	U	<0.0078	U		<0 0057	U		<0.011	U		<0 013	U		<0.0061	U		<0.026	U		<0 0064	U	
		VMP-4-5-110117	11/1/2017	<0.014	U		<0.007	U		0.00045	J		<0.0095	U		<0 012	U		<0.0054	U		<0.023	U		<0 0058	U	
		VMP-4-5-012318	1/23/2018	<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-4-5-041118	4/11/2018	<0.015	U		<0.0078	U		<0 0057	U		<0 01	U		<0 013	U		<0.006	U		<0.026	U		<0 0064	U	
	12 ft	VMP-4-12-072517	7/25/2017	<0.015	J	U	<0.0076	U		<0 0055	U		<0 01	U		<0 013	U		0 0022	J		<0.025	U		<0 0062	U	
		VMP-4-12-110117	11/1/2017	<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-4-12-012318	1/23/2018	<0.014	U		<0.0072	U		<0 0053	U		<0.0098	U		<0 012	U		<0.0056	J	U	<0.024	U		<0 0059	U	
		VMP-4-12-041118	4/11/2018	<0.016	U		<0.0081	U		<0 0059	U		<0.011	U		<0 014	U		<0.0063	U		<0.027	U		<0 0067	U	
	23.5 ft	VMP-4-23.5-072517	7/25/2017	<0.015	J	U	<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		<0.0059	U		<0.025	U		<0 0063	U	
		VMP-4-23.5-072517-DUP	7/25/2017	<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-4-23.5-110117	11/1/2017	<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-4-23.5-012318	1/23/2018	<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-4-23.5-041118	4/11/2018	<0.29	U		<0.15	U		<0.11	U		<0.2	U		<0.24	U		<0.11	U		<0.19	U		<0.12	U	
		VMP-4-23.5-041118-DUP	4/11/2018	<0.32	U		<0.16	U		<0.12	U		<0 22	U		<0.27	U		<0.13	U		<0.21	U		<0.13	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-5-5-072017	7/20/2017	<0.014	J	U	<0.0073	U		<0 0054	U		<0.0099	U		<0 012	U		0 0052	J		<0.024	U		<0.006	U	
		VMP-5-5-103017	10/30/2017	<0.014	U		<0.0071	U		<0 0052	U		<0.0096	U		<0 012	U		0 0017	J		<0.023	U		<0 0058	U	
		VMP-5-5-012518	1/25/2018	0.01	J		<0.0068	U		<0.005	U		<0.0092	U		<0 011	U		<0.0053	U		<0.022	U		<0 0056	U	
		VMP-5-5-041618	4/16/2018	<0.013	J	U	<0.0067	U		<0 0049	U		<0.0091	U		<0 011	U		0.002	J		<0.022	U		<0 0055	U	
	12.5 ft	VMP-5-12.5-072017	7/20/2017	<0.016	J	U	<0.0079	U		<0 0058	U		<0.011	U		<0 013	U		0.018			<0.026	U		<0 0065	U	
		VMP-5-12.5-102017	10/30/2017	<0.013	U		<0.0067	U		<0 0049	U		<0.009	U		<0 011	U		0 0087			<0.022	U		<0 0055	U	
		VMP-5-12.5-012518	1/25/2018	<0.014	U		<0.0071	U		<0 0052	U		<0.0096	U		<0 012	U		0 0013	J		<0.023	U		<0 0058	U	
		VMP-5-12.5-041618	4/16/2018	<0.014	J	U	<0.0072	U		<0 0053	U		<0.0098	U		<0 012	U		0 0051	J		<0.024	U		<0 0059	U	
	31 ft	VMP-5-31-072017	7/20/2017	<0.016	J	U	<0.0078	U		<0 0057	U		<0.011	U		<0 013	U		0.01			<0.026	U		<0 0064	U	
		VMP-5-31-072017-DUP	7/20/2017	<0.015	J	U	<0.0076	U		<0 0055	U		<0 01	U		<0 013	U		0 0097			<0.025	U		<0 0062	U	
		VMP-5-31-103017	10/30/2017	<0.014	U		<0.0069	U		<0 0051	U		<0.0094	U		<0 012	U		0 0035	J		<0.023	U		<0 0057	U	
		VMP-5-31-012518	1/25/2018	<0.014	U		<0.0071	U		<0 0052	U		<0.0097	U		<0 012	U		0 0017	J		<0.023	U		<0 0059	U	
		VMP-5-31-041618	4/16/2018	<0.014	J	U	<0.007	U		<0 0051	U		<0.0094	U		<0 012	U		0.002	J		<0.023	U		<0 0057	U	
	40 ft	VMP-5-40-012518	1/25/2018	<0.013	U		<0.0066	U		<0 0048	U		<0.0089	U		<0 011	U		0 0042	J		<0.022	U		<0 0054	U	
		VMP-5-40-041618	4/16/2018	<0.013	J	U	<0.0068	U		<0.005	U		<0.0092	U		<0 011	U		0 0078			<0.022	U		<0 0056	U	
		VMP-5-40-041618-DUP	4/16/2018	<0.014	J	U	<0.0069	U		<0 0051	U		<0.0094	U		<0 012	U		0.007			<0.023	U		<0 0057	U	
VMP-6	5 ft	VMP-6-5-072117	7/21/2017	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-6-5-103117	10/31/2017	<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-6-5-012418	1/24/2018	<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-6-5-042318	4/23/2018	<0.013	J	U	<0.0068	U		<0.005	U		<0.0092	U		<0 011	U		<0.0053	U		<0.022	U		<0 0056	U	
	10 ft	VMP-6-10-072117	7/21/2017	<0.014	U		<0.0072	U		<0 0053	U		<0.0098	U		<0 012	U		0 0036	J		<0.024	U		<0.006	U	
		VMP-6-10-103117	10/31/2017	<0.013	U		<0.0067	U		<0 0049	U		<0.009	U		<0 011	U		0 0023	J		<0.022	U		<0 0055	U	
		VMP-6-10-012418	1/24/2018	<0.014	U		<0.0068	U		<0.005	U		<0.0092	U		<0 011	U		0 0082			<0.022	U		<0 0056	U	
		VMP-6-10-042318	4/23/2018	<0.015	J	U	<0.0075	U		<0 0055	U		<0 01	U		<0 012	U		0 0035	J		<0.024	U		<0 0062	U	
	31.5 ft	VMP-6-31.5-072117	7/21/2017	0 0017	J		<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		0 0018	J		<0.024	U		<0 0061	U	
		VMP-6-31.5-072117-DUP	7/21/2017	0 0037	J		<0.0075	U		<0 0055	U		<0 01	U		<0 012	U		0 0019	J		<0.024	U		<0 0062	U	
		VMP-6-31.5-103117	10/31/2017	<0.013	U		<0.0068	U		<0.005	U		<0.0092	U		<0 011	U		0.01			<0.022	U		<0 0056	U	
		VMP-6-31.5-013118	1/31/2018	<0.015	J	U	<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		0 0091			<0.024	U		<0 0061	U	
		VMP-6-31.5-042318	4/23/2018	<0.015	J	U	<0.0075	U		<0 0055	U		<0 01	U		<0 012	U		0 0028	J		<0.024	U		<0 0062	U	
	39 ft	VMP-6-39-103117	10/31/2017	<0.014	U		<0.007	U		<0 0051	U		<0.0094	U		<0 012	U		0 0044	J		<0.023	U		<0 0057	U	
		VMP-6-39-103117-DUP	10/31/2017	<0.014	U		<0.007	U		<0 0051	U		<0.0095	U		<0 012	U		0.004	J		<0.023	U		<0 0058	U	
		VMP-6-39-012418	1/24/2018	<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-6-39-012418-DUP	1/24/2018	<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-6-39-042318	4/23/2018	<0.015	J	U	<0.0075	U		<0 0055	U		<0 01	U		<0 012	U		0 0023	J		<0.024	U		<0 0062	U	
VMP-7	5 ft	VMP-7-5-072117	7/21/2017	0 0022	J		<0.0077	U		<0 0056	U		<0 01	U		<0 013	U		<0.006	U		<0.025	U		<0 0063	U	
		VMP-7-5-102517	10/25/2017	<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-7-5-012518	1/25/2018	<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-7-5-042318	4/23/2018	<0.015	U		<0.0075	U		<0 0055	U		<0 01	U		<0 012	U		<0.0058	U		<0.024	U		<0 0062	U	
	13.5 ft	VMP-7-13.5-072117	7/21/2017	0 0017	J		<0.0076	U		<0 0055	U		<0 01	U		<0 013	U		0.00093	J		<0.025	U		<0 0062	U	
		VMP-7-13.5-102517	10/25/2017	0 0028	J		<0.0073	U		<0 0054	U		<0.0099	U		<0 012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-7-13.5-012518	1/25/2018	<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-7-13.5-042318	4/23/2018	<0.014	J	U	<0.0072	U		0.00046	J		<0.0098	U		<0 012	U		<0.0056	U		<0.024	U		<0 0059	U	
	29.5 ft	VMP-7-29.5-072117	7/21/2017	0 0017	J		<0.0075	U		<0 0055	U		<0 01	U		<0 013	U		0 0033	J		<0.025	U		<0 0062	U	
		VMP-7-29.5-102517	10/25/2017	<0.015	U		<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		0.003	J		<0.024	U		<0 0061	U	
		VMP-7-29.5-012518	1/25/2018	0 0069	J		<0.0073	U		<0 0053	U		<0.0098	U		<0 012	U		0 0031	J		<0.024	U		<0.006	U	
		VMP-7-29.5-042318	4/23/2018	<0.014	J	U	<0.0073	U		<0 0054	U		<0.0099	U		<0 012	U		0 0038	J		<0.024	U		<0.006	U	
	38 ft	VMP-7-38-102517	10/25/2017	<0.014	U		<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		0 0091			<0.024	U		<0.006	U	
		VMP-7-38-012518	1/25/2018	<0.014	U		<0.0072	U		<0 0053	U		<0.0098	U		<0 012	U		0.014			<0.024	U		<0 0059	U	
		VMP-7-38-042318	4/23/2018	<0.014	J	U	<0.007	U		<0 0052	U		<0.0095	U		<0 012	U		0.011			<0.023	U		<0 0058	U	
		VMP-7-38-042318-DUP	4/23/2018	<0.014	J	U	<0.0073	U		<0 0054	U		<0.0099	U		<0 012	U		0.012			<0.024	U		<0.006	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-8-5-071917	7/19/2017	<0.015	J	U	<0.0076	U		<0 0055	U		<0 01	U		<0 013	U		0 0018	J		<0.025	U		<0 0062	U	
		VMP-8-5-103017	10/30/2017	<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-8-5-012218	1/22/2018	<0.014	U	UJ	<0.0071	U		<0 0052	U		<0.0096	U		<0 012	U		<0.0055	U		<0.023	U		<0 0058	U	
		VMP-8-5-041818	4/18/2018	<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	
	9.5 ft	VMP-8-9.5-071917	7/19/2017	<0.015	J	U	<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		0 0012	J		<0.025	U		<0 0063	U	
		VMP-8-9.5-103017	10/30/2017	<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-8-9.5-012218	1/22/2018	<0.014	U	UJ	<0.0073	U		<0 0053	U		<0.0099	U		<0 012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-8-9.5-041818	4/18/2018	<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	
	23.5 ft	VMP-8-23.5-071917	7/19/2017	<0.015	U		<0.0077	U		<0 0057	U		<0 01	U		<0 013	U		0 0014	J		<0.025	U		<0 0064	U	
		VMP-8-23.5-103017	10/30/2017	<0.014	U		<0.007	U		<0 0051	J	U	<0.0095	U		<0 012	U		<0.0054	U		<0.023	U		<0 0058	U	
		VMP-8-23.5-012218	1/22/2018	<0.014	U	UJ	<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-8-23.5-012218-DUP	1/22/2018	<0.015	U	UJ	<0.0075	U		<0 0055	U		<0 01	U		<0 012	U		<0.0058	U		<0.024	U		<0 0062	U	
		VMP-8-23.5-041818	4/18/2018	<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	
	35.5 ft	VMP-8-35.5-071917	7/19/2017	0 0035	J		<0.014	U		<0.01	U		<0.019	U		<0 023	U		0.01	J		<0.045	U		<0.011	U	
		VMP-8-35.5-071917-DUP	7/19/2017	<0.03	U		<0.015	U		<0.011	U		<0.021	U		<0 026	U		0 0093	J		<0.05	U		<0.013	U	
		VMP-8-35.5-103017	10/30/2017	0 0014	J		<0.0071	U		<0 0052	U		<0.0096	U		<0 012	U		<0.0055	U		<0.023	U		<0 0058	U	
		VMP-8-35.5-042018	4/20/2018	<0.014	J	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-9-5-071917	7/19/2017	<0.015	J	U	<0.0077	U		<0 0057	U		<0 01	U		<0 013	U		0.003	J		<0.025	U		<0 0064	U	
		VMP-9-5-110117	11/1/2017	<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-9-5-012218	1/22/2018	<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-9-5-042618	4/26/2018	<0.015	J	U	<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		<0.0059	U		<0.025	U		<0 0063	U	
	11.5 ft	VMP-9-11.5-071917	7/19/2017	<0.015	J	U	<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		0 0067			<0.024	U		<0 0061	U	
		VMP-9-11.5-110117	11/1/2017	<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-9-11.5-012218	1/22/2018	<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-9-11.5-042618	4/26/2018	<0.015	J	U	<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		<0.0059	U		<0.025	U		<0 0063	U	
	25.5 ft	VMP-9-25.5-071917	7/19/2017	<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-9-25.5-110117	11/1/2017	<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-9-25.5-012218	1/22/2018	<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-9-25.5-042618	4/26/2018	<0.015	J	U	<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		<0.0059	U		<0.025	U		<0 0063	U	
	38.5 ft	VMP-9-38.5-110117	11/1/2017	<0.014	U		<0.007	U		<0 0051	U		<0.0095	U		<0 012	U		0.013			<0.023	U		<0 0058	U	
		VMP-9-38.5-012218	1/22/2018	<0.015	U		<0.0076	U		<0 0055	U		<0 01	U		<0 013	U		0.02			<0.025	U		<0 0062	U	
		VMP-9-38.5-042618	4/26/2018	<0.015	J	U	<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		0 0048	J		<0.025	U		<0 0063	U	
VMP-18	8.5 ft	VMP-18-8.5-072717	7/27/2017	<0.015	U		<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		0 0011	J		<0.025	U		<0 0063	U	
		VMP-18-8.5-110317	11/3/2017	<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-18-8.5-110317-DUP	11/3/2017	<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-18-8.5-012418	1/24/2018	<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-18-8.5-033018	3/30/2018	<0.015	J	U	<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		<0.0059	U		<0.025	U		<0 0063	U	
		VMP-18-8.5-041018	4/10/2018	<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-19	5 ft	VMP-19-5-072717	7/27/2017	<0.015	U		<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		0 0069			<0.025	U		<0 0063	U	
		VMP-19-5-102517	10/25/2017	<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-19-5-012518	1/25/2018	0.011	J		<0.0072	U		<0 0052	U		<0.0097	U		<0 012	U		<0.0056	U		<0.024	U		<0 0059	U	
		VMP-19-5-042618	4/26/2018	0 0046	J		<0.0079	U		<0 0058	U		<0.011	U		<0 013	U		<0.0062	U		<0.026	U		<0 0065	U	
VMP-20	5 ft	VMP-20-5-072417	7/24/2017	<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-20-5-103117	10/31/2017	<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-20-5-012218	1/22/2018	<0.014	U	UJ	<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-20-5-041218	4/12/2018	<0.015	U		<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		<0.0058	U		<0.024	U		<0 0061	U	
	10 ft	VMP-20-10-072417	7/24/2017	<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-20-10-103117	10/31/2017	<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-20-10-012218	1/22/2018	<0.015	U	UJ	<0.0076	U		<0 0055	U		<0 01	U		<0 013	U		<0.0058	U		<0.025	U		<0 0062	U	
		VMP-20-10-041218	4/12/2018	<0.015	U		<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		<0.0057	U		<0.024	U		<0 0061	U	
	25 ft	VMP-20-25-072417	7/24/2017	<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-20-25-103117	10/31/2017	<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-20-25-012218	1/22/2018	<0.014	U	UJ	<0.0072	U		<0 0053	U		<0.0098	U		<0 012	U		<0.0056	U		<0.024	U		<0.006	U	
		VMP-20-25-041218	4/12/2018	<0.015	U		<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		<0.0058	U		<0.024	U		<0 0061	U	
	39.5 ft	VMP-20-39.5-041218	4/12/2018	<0.014	U		<0.0073	U		<0 0053	U		<0.0098	U		<0 012	U		<0.0056	U		<0.024	U		<0.006	U	

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-21	5 ft	VMP-21-5-072017	7/20/2017	<0.014	J	U	<0.0072	U		<0 0053	U		<0.0098	U		<0 012	U		<0.0056	U		<0.024	U		<0.006	U	
		VMP-21-5-103117	10/31/2017	<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-21-5-012318	1/23/2018	<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-21-5-041318	4/13/2018	<0.015	U		<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		<0.0058	U		<0.024	U		<0 0061	U	
	10 ft	VMP-21-10-072017	7/20/2017	<0.015	J	U	<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		<0.0059	U		<0.025	U		<0 0063	U	
		VMP-21-10-103117	10/31/2017	<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-21-10-012318	1/23/2018	<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-21-10-041318	4/13/2018	0 0019	J		<0.0076	U		<0 0055	U		<0 01	U		<0 013	U		<0.0059	U		<0.025	U		<0 0062	U	
	25 ft	VMP-21-25-072017	7/20/2017	<0.015	J	U	<0.0076	U		<0 0055	U		<0 01	U		<0 013	U		0 0014	J		<0.025	U		<0 0062	U	
		VMP-21-25-103117	10/31/2017	<0.014	U		<0.0073	U		<0 0053	U		<0.0098	U		<0 012	U		0 0015	J		<0.024	U		<0.006	U	
		VMP-21-25-012318	1/23/2018	<0.014	U		<0.007	U		<0 0052	U		<0.0095	U		<0 012	U		<0.0055	J	U	<0.023	U		<0 0058	U	
		VMP-21-25-041318	4/13/2018	<0.015	U		<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		0 0012	J		<0.025	U		<0 0063	U	
	33 ft	VMP-21-33-072017	7/20/2017	<0.014	J	U	<0.0071	U		<0 0052	U		<0.0097	U		<0 012	U		0 0015	J		<0.023	U		<0 0059	U	
		VMP-21-33-072017-DUP	7/20/2017	<0.015	J	U	<0.0077	U		<0 01	U		<0 013	U		<0 013	U		0 0015	J		<0.025	U		<0 0063	U	
		VMP-21-33-103117	10/31/2017	0.002	J		<0.0071	U		<0 0052	U		<0.0096	U		<0 012	U		<0.0055	U		<0.023	U		<0 0058	U	
		VMP-21-33-012318	1/23/2018	<0.013	U		<0.0068	U		<0.005	U		<0.0092	U		<0 011	U		<0.0053	J	U	<0.022	U		<0 0056	U	
		VMP-21-33-012318-DUP	1/23/2018	<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-21-33-041318	4/13/2018	0 0039	J		<0.0081	U		<0 0059	U		<0.011	U		<0 014	U		<0.0063	U		<0.027	U		<0 0067	U	
VMP-22	5 ft	VMP-22-5-072617	7/26/2017	0 0035	J		<0.0077	U		<0 0057	U		<0 01	U		<0 013	U		0 0028	J		<0.025	U		<0 0064	U	
		VMP-22-5-102617	10/26/2017	<0.014	J	U	<0.007	U		<0 0051	U		<0.0094	U		<0 012	U		0 0012	J		<0.023	U		<0 0057	U	
		VMP-22-5-013018	1/30/2018	<0.014	J	U	<0.007	U		<0 0052	U		<0.0095	U		<0 012	U		<0.0055	U		<0.023	U		<0 0058	U	
		VMP-22-5-041318	4/13/2018	<0.015	U		<0.0075	U		<0 0055	U		<0 01	U		<0 012	U		<0.0058	U		<0.024	U		<0 0062	U	
	10 ft	VMP-22-10-072617	7/26/2017	<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-22-10-102617	10/26/2017	<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-22-10-013018	1/30/2018	0.011	J		<0.0067	U		<0 0049	U		<0.0091	U		<0 011	U		<0.0052	U		<0.022	U		<0 0055	U	
		VMP-22-10-050118	5/1/2018	<0.016	U		<0.0079	U		<0 0058	U		<0.011	U		<0 013	U		<0.0062	U		<0.026	U		<0 0065	U	
	18 ft	VMP-22-18-072617	7/26/2017	<0.017	U		<0.0086	U		<0 0063	U		<0.012	U		<0 014	U		0.019			<0.028	U		<0 0071	U	
		VMP-22-18-102617	10/26/2017	<0.014	J	U	<0.0073	U		<0 0053	U		<0.0098	U		<0 012	U		0 0016	J		<0.024	U		<0.006	U	
		VMP-22-18-013018	1/30/2018	0 0062	J		<0.0066	U		<0 0048	U		<0.009	U		<0 011	U		<0.0052	U		<0.022	U		<0 0055	U	
		VMP-22-18-041318	4/13/2018	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0 014	U		0.021			<0.027	U		<0 0068	U	
		VMP-22-18-041318-DUP	4/13/2018	<0.015	U		<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		0.02			<0.025	U		<0 0063	U	
	38 ft	VMP-22-38-072617	7/26/2017	<0.015	U		<0.0075	U		<0 0055	U		<0 01	U		<0 012	U		0 0061			<0.024	U		<0 0062	U	
		VMP-22-38-072617-DUP	7/26/2017	0 0018	J		<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		0 0056	J		<0.024	U		<0 0061	U	
		VMP-22-38-102617	10/26/2017	<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-22-38-013018	1/30/2018	0.009	J		<0.0071	U		<0 0052	U		<0.0096	U		<0 012	U		<0.0055	U		<0.023	U		<0 0058	U	
		VMP-22-38-050118	5/1/2018	<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-23	5 ft	VMP-23-5-072017	7/20/2017	<0.015	J	U	<0.0076	U		<0 0055	U		<0 01	U		<0 013	U		0 0074			<0.025	U		<0 0062	U	
		VMP-23-5-102517	10/25/2017	<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-23-5-012318	1/23/2018	<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-23-5-041618	4/16/2018	<0.014	J	U	<0.0072	U		<0 0052	U		<0.0097	U		<0 012	U		0 0024	J		<0.024	U		<0 0059	U	
	10 ft	VMP-23-10-072017	7/20/2017	<0.015	J	U	<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		0 0084			<0.024	U		<0 0061	U	
		VMP-23-10-102517	10/25/2017	<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-23-10-012318	1/23/2018	<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-23-10-041618	4/16/2018	<0.014	J	U	<0.0073	U		<0 0053	U		<0.0099	U		<0 012	U		0 0059			<0.024	U		<0.006	U	
	25 ft	VMP-23-25-072017	7/20/2017	<0.014	J	U	<0.0072	U		<0 0053	U		<0.0098	U		<0 012	U		0.024			<0.024	U		<0 0059	U	
		VMP-23-25-102517	10/25/2017	<0.015	U		<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		0 0041	J		<0.024	U		<0 0061	U	
		VMP-23-25-012318	1/23/2018	<0.014	U		<0.0069	U		<0 0051	U		<0.0094	U		<0 012	U		0 0022	J		<0.023	U		<0 0057	U	
		VMP-23-25-041618	4/16/2018	<0.014	J	U	<0.0071	U		<0 0052	U		<0.0096	U		<0 012	U		0 0045	J		<0.023	U		<0 0058	U	
	40 ft	VMP-23-40-012318	1/23/2018	<0.014	U		<0.0073	U		<0 0054	U		<0.0099	U		<0 012	U		0 0056	J		<0.024	U		<0.006	U	
		VMP-23-40-041618	4/16/2018	<0.014	J	U	<0.0069	U		<0 0051	U		<0.0094	U		<0 012	U		0 0014	J		<0.023	U		<0 0057	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-24-5-072117	7/21/2017	<0.016	U		<0.0078	U		<0 0057	U		<0.011	U		<0 013	U		<0.0061	U		0.0057	J		<0 0064	U	
		VMP-24-5-102517	10/25/2017	<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-24-5-012418	1/24/2018	<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-24-5-042518	4/25/2018	<0.015	J	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-24-10-072117	7/21/2017	<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-24-10-102517	10/25/2017	<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-24-10-012418	1/24/2018	0 0018	J		0.00089	J		<0.005	U		<0.0093	U		<0 012	U		<0.0053	U		<0.023	U		0.00074	J	
		VMP-24-10-042518	4/25/2018	<0.015	U		<0.0075	U		<0 0055	U		<0 01	U		<0 012	U		<0.0058	U		0.0028	J		<0 0062	U	
	22 ft	VMP-24-22-072117	7/21/2017	<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-24-22-102517	10/25/2017	<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-24-22-013118	1/31/2018	<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-24-22-042518	4/25/2018	<0.014	J	U	<0.0072	U		<0 0053	U		<0.0098	U		<0 012	U		<0.0056	U		<0.024	U		<0 0059	U	
	34 ft	VMP-24-34-072117	7/21/2017	<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-24-34-072117-DUP	7/21/2017	<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-24-34-102517	10/25/2017	<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-24-34-012418	1/24/2018	0.004	J		<0.0067	U		<0 0049	U		<0.009	U		<0 011	U		<0.0052	U		<0.022	U		<0 0055	U	
		VMP-24-34-042518	4/25/2018	<0.015	J	U	<0.0078	U		<0 0057	U		<0 01	U		<0 013	U		<0.006	U		<0.026	U		<0 0064	U	
		VMP-24-34-042518-DUP	4/25/2018	0 0067	J		<0.0075	U		<0 0055	U		<0 01	U		<0 012	U		<0.0058	U		<0.024	U		<0 0062	U	
VMP-32	5 ft	VMP-32-5-072417	7/24/2017	0 0086	J		<0.0075	U		<0 0055	U		<0 01	U		<0 012	U		<0.0058	U		<0.024	U		<0 0062	U	
		VMP-32-5-103117	10/31/2017	<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-32-5-012918	1/29/2018	<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-32-5-032818	3/28/2018	<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-32-5-041018	4/10/2018	<0.014	J	U	<0.0069	U		<0 0051	U		<0.0094	U		<0 012	U		<0.0054	U		<0.023	U		<0 0057	U	
	10 ft	VMP-32-10-072417	7/24/2017	0.002	J		<0.0077	U		<0 0056	U		<0 01	U		<0 013	U		0 0039	J		<0.025	U		<0 0063	U	
		VMP-32-10-103117	10/31/2017	<0.015	U		<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		0 0032	J		<0.024	U		<0 0061	U	
		VMP-32-10-012918	1/29/2018	<0.014	U		<0.0068	U		<0.005	U		<0.0092	U		<0 011	U		0 0023	J		<0.022	U		<0 0056	U	
		VMP-32-10-032818	3/28/2018	<0.016	J	U	<0.0078	U		<0 0057	U		<0.011	U		<0 013	U		0.002	J		<0.026	U		<0 0064	U	
		VMP-32-10-041018	4/10/2018	<0.014	J	U	<0.0073	U		<0 0053	U		<0.0099	U		<0 012	U		0 0021	J		<0.024	U		<0.006	U	
	20 ft	VMP-32-20-072417	7/24/2017	<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-32-20-103117	10/31/2017	<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-32-20-012918	1/29/2018	0 0016	J		<0.0064	U		<0 0046	U		<0.0086	U		<0 011	U		<0.0049	U		<0.021	U		<0 0052	U	
		VMP-32-20-032818	3/28/2018	<0.014	J	U	<0.0072	U		<0 0052	U		<0.0097	U		<0 012	U		<0.0056	U		<0.024	U		<0 0059	U	
		VMP-32-20-041018	4/10/2018	<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	
	30 ft	VMP-32-30-072417	7/24/2017	0 0026	J		<0.0078	U		<0 0057	U		<0 01	U		<0 013	U		0 0016	J		<0.026	U		<0 0064	U	
		VMP-32-30-072417-DUP	7/24/2017	<0.015	U		<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		0 0016	J		0.003	J		<0 0063	U	
		VMP-32-30-103117	10/31/2017	<0.028	U		<0.014	U		<0.01	J	U	<0.019	U		<0 024	U		<0.011	U		<0.046	U		<0.012	U	
		VMP-32-30-012918	1/29/2018	<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-32-30-032818	3/28/2018	<0.014	J	U	<0.0073	U		<0 0053	U		<0.0099	U		<0 012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-32-30-041018	4/10/2018	<0.014	J	U	<0.0069	U		<0 0051	U		<0.0094	U		<0 012	U		<0.0054	U		<0.023	U		<0 0057	U	
		VMP-32-30-041018-DUP	4/10/2018	<0.013	J	U	<0.0066	U		<0 0048	U		<0.0089	U		<0 011	U		0.00051	J		<0.022	U		<0 0054	U	
VMP-42	10 ft	VMP-42-10-072017	7/20/2017	<0.015	J	U	<0.0075	U		<0 0055	U		<0 01	U		<0 013	U		0 0016	J		<0.025	U		<0 0062	U	
		VMP-42-10-110117	11/1/2017	<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-42-10-012318	1/23/2018	<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-42-10-041918	4/19/2018	<0.014	J	U	<0.007	U		<0 0051	U		<0.0094	U		<0 012	U		<0.0054	U		<0.023	U		<0 0057	U	
	20 ft	VMP-42-20-072017	7/20/2017	<0.014	J	U	<0.0072	U		<0 0053	U		<0.0098	U		<0 012	U		0 0044	J		<0.024	U		<0 0059	U	
		VMP-42-20-110117	11/1/2017	<0.014	U		<0.0069	U		<0 0051	U		<0.0094	U		<0 012	U		0.012			<0.023	U		<0 0057	U	
		VMP-42-20-012318	1/23/2018	<0.014	U		<0.0072	U		<0 0053	U		<0.0098	U		<0 012	U		0.012			<0.024	U		<0 0059	U	
		VMP-42-20-041918	4/19/2018	<0.013	J	U	<0.0068	U		<0.005	U		<0.0092	U		<0 011	U		0 0029	J		<0.022	U		<0 0056	U	
	30 ft	VMP-42-30-072017	7/20/2017	<0.015	J	U	<0.0077	U		<0 0057	U		<0 01	U		<0 013	U		0 0012	J		<0.025	U		<0 0064	U	
		VMP-42-30-110117	11/1/2017	<0.014	U		<0.007	U		<0 0051	U		<0.0095	U		<0 012	U		0 0023	J		<0.023	U		<0 0058	U	
		VMP-42-30-110117-DUP	11/1/2017	<0.013	U		<0.0067	U		<0 0049	U		<0.0091	U		<0 011	U		0 0026	J		<0.022	U		<0 0055	U	
		VMP-42-30-012318	1/23/2018	<0.012	U		<0.0063	U		<0 0046	U		<0.0086	U		<0 011	U		0 0041	J		0.0015	J		<0 0052	U	
		VMP-42-30-041918	4/19/2018	<0.014	J	U	<0.0071	U		<0 0052	U		<0.0096	U		<0 012	U		0 0011	J		<0.023	U		<0 0058	U	
VMP-43	10 ft	VMP-43-10-072417	7/24/2017	0.002	J		<0.008	U		<0 0058	U		<0.011	U		<0 013	U		<0.0062	U		<0.026	U		<0 0065	U	
		VMP-43-10-102717	10/27/2017	<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-43-10-012618	1/26/2018	<0.013	U		<0.0067	U		<0 0049	U		<0.0091	U		<0 011	U		0 0094			<0.022	U		<0 0055	U	
		VMP-43-10-041218	4/12/2018	<0.015	U		<0.0076	U		<0 0055	U		<0 01	U		<0 013	U		<0.0059	U		<0.025	U		<0 0062	U	
	20 ft	VMP-43-20-072417	7/24/2017	<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-43-20-102717	10/27/2017	<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-43-20-012618	1/26/2018	0 0022	J		<0.0075	U		<0 0055	U		0.0036	J		<0 012	U		0.094			<0.024	U		<0 0062	U	
		VMP-43-20-041218	4/12/2018	<0.014	U		<0.0071	U		<0 0052	U		<0.0096	U		<0 012	U		0 0022	J		<0.023	U		<0 0058	U	
	30 ft	VMP-43-30-072417	7/24/2017	<0.014	U		<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		0 0015	J		<0.024	U		<0.006	U	
		VMP-43-30-102717	10/27/2017	<0.014	J	U	<0.0071	U		<0 0052	U		<0.0097	U		<0 012	U		0.00098	J		<0.023	U		<0 0059	U	
		VMP-43-30-012618	1/26/2018	<0.014	U		<0.0073	U		<0 0054	U		0.0017	J		<0 012	U		0.21			<0.024	U		<0.006	U	
		VMP-43-30-041218	4/12/2018	<0.015	U		<0.0074	U		<0 0054	U		0.0027	J		<0 012	U		0.013			<0.024	U		<0 0061	U	
		VMP-43-30-041218-DUP	4/12/2018	<0.015	U		<0.0076	U		<0 0055	U		0.0024	J		<0 013	U		0.013			<0.025	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	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-44-10-072517	7/25/2017	<0.016	J	U	<0.008	U		<0 0058	U		<0.011	U		<0 013	U		0 0036	J		<0.026	U		<0 0065	U	
		VMP-44-10-102517	10/25/2017	<0.015	U		<0.0077	U		<0 0056	U		<0 01	U		<0 013	U		0 0012	J		<0.025	U		<0 0063	U	
		VMP-44-10-012518	1/25/2018	0 0043	J		<0.0073	U		<0 0053	U		<0.0098	U		<0 012	U		<0.0056	U		<0.024	U		<0.006	U	
		VMP-44-10-042318	4/23/2018	<0.015	J	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-44-20-072517	7/25/2017	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0 014	U		0 0032	J		<0.027	U		<0 0067	U	
		VMP-44-20-102517	10/25/2017	<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-44-20-012518	1/25/2018	<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-44-20-042718	4/27/2018	0 0032	J		0.0029	J		<0 0056	U		<0 01	U		<0 013	U		0.024			0.012	J		<0 0063	U	
	30 ft	VMP-44-30-072517	7/25/2017	0 0032	J		<0.0079	U		<0 0058	U		<0.011	U		<0 013	U		0 0036	J		<0.026	U		<0 0065	U	
		VMP-44-30-102517	10/25/2017	<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-44-30-102517-DUP	10/25/2017	<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-44-30-012518	1/25/2018	<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-44-30-012518-DUP	1/25/2018	<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-44-30-052118	5/21/2018	<0.015	J	U	<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		<0.0059	U		<0.025	U		<0 0063	U	
VMP-45	10 ft	VMP-45-10-072517	7/25/2017	0 0026	J		<0.0079	U		<0 0058	U		<0.011	U		<0 013	U		<0.0062	U		<0.026	U		<0 0065	U	
		VMP-45-10-103117	10/31/2017	<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-45-10-012418	1/24/2018	<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-45-10-041818	4/18/2018	<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	
	20 ft	VMP-45-20-072517	7/25/2017	0 0022	J		<0.0079	U		<0 0058	U		<0.011	U		<0 013	U		<0.0061	U		<0.026	U		<0 0065	U	
		VMP-45-20-103117	10/31/2017	<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-45-20-012418	1/24/2018	<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-45-20-041818	4/18/2018	<0.014	J	U	0.00049	J		<0 0054	U		<0.0099	U		<0 012	U		<0.0057	U		<0.024	U		<0.006	U	
	30 ft	VMP-45-30-072517	7/25/2017	<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-45-30-103117	10/31/2017	<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-45-30-012418	1/24/2018	<0.014	U		<0.0072	U		<0 0053	U		<0.0098	U		<0 012	U		0 0011	J		<0.024	U		<0 0059	U	
		VMP-45-30-041818	4/18/2018	<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-47	5 ft	VMP-47-5-072417	7/24/2017	0 0017	J		<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		0.003	J		<0.025	U		<0 0063	U	
		VMP-47-5-102617	10/26/2017	0 0018	J		<0.0075	U		<0 0055	U		<0 01	U		<0 013	U		<0.0058	U		<0.025	U		<0 0062	U	
		VMP-47-5-012618	1/26/2018	0 0032	J		<0.0072	U		<0 0052	U		<0.0097	U		<0 012	U		<0.0056	U		<0.024	U		<0 0059	U	
		VMP-47-5-042718	4/27/2018	<0.015	J	U	<0.0078	U		<0 0057	U		<0 01	U		<0 013	U		0.007			<0.026	U		<0 0064	U	
	10 ft	VMP-47-10-072417	7/24/2017	<0.015	U		<0.0074	U		<0 0054	U		0.003	J		<0 012	U		0.073			<0.024	U		<0 0061	U	
		VMP-47-10-102617	10/26/2017	0 0017	J		<0.0075	U		<0 0055	U		<0 01	U		<0 012	U		0.025			<0.024	U		<0 0062	U	
		VMP-47-10-012618	1/26/2018	0 0083	J		<0.007	U		<0 0051	U		<0.0095	U		<0 012	U		0.023			<0.023	U		<0 0058	U	
		VMP-47-10-042718	4/27/2018	<0.015	J	U	<0.0076	U		<0 0056	U		0.004	J		<0 013	U		0.041			<0.025	U		<0 0063	U	
	20 ft	VMP-47-20-072417	7/24/2017	<0.015	U		<0.0076	U		<0 0055	U		<0 01	U		<0 013	U		0.01			<0.025	U		<0 0062	U	
		VMP-47-20-102617	10/26/2017	<0.015	U		<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		0 0085			<0.024	U		<0 0061	U	
		VMP-47-20-012618	1/26/2018	0.002	J		<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		0.006			<0.024	U		<0 0061	U	
		VMP-47-20-012618-DUP	1/26/2018	0.003	J		<0.0072	U		<0 0053	U		<0.0098	U		<0 012	U		0 0047	J		<0.024	U		<0 0059	U	
		VMP-47-20-042718	4/27/2018	<0.015	J	U	<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		0.01			<0.025	U		<0 0063	U	
	30 ft	VMP-47-30-072417	7/24/2017	<0.016	U		<0.0079	U		<0 0058	U		<0.011	U		<0 013	U		0.03			<0.026	U		<0 0065	U	
		VMP-47-30-102617	10/26/2017	<0.015	U		<0.0078	U		<0 0057	U		<0 01	U		<0 013	U		0.011			<0.026	U		<0 0064	U	
		VMP-47-30-012618	1/26/2018	<0.014	U		<0.0073	U		<0 0054	U		<0.0099	U		<0 012	U		0.007			<0.024	U		<0.006	U	
		VMP-47-30-042718	4/27/2018	<0.015	J	U	<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		0.015			<0.025	U		<0 0063	U	
		VMP-47-30-042718-DUP	4/27/2018	<0.015	J	U	<0.0075	U		<0 0055	U		<0 01	U		<0 012	U		0.016			<0.024	U		<0 0062	U	
VMP-48	5 ft	VMP-48-5-072117	7/21/2017	<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-48-5-103117	10/31/2017	<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-48-5-012618	1/26/2018	<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-48-5-042718	4/27/2018	0 0027	J		<0.02	U		<0.015	U		<0.027	U		<0 034	U		<0.016	U		<0.066	U		<0.017	U	
	10 ft	VMP-48-10-072117	7/21/2017	<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-48-10-103117	10/31/2017	<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-48-10-012618	1/26/2018	<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-48-10-042718	4/27/2018	<0.015	J	U	<0.0078	U		<0 0057	U		<0 01	U		<0 013	U		<0.006	U		<0.026	U		<0 0064	U	
	20 ft	VMP-48-20-072117	7/21/2017	<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-48-20-103117	10/31/2017	<0.013	U		<0.0067	U		<0 0049	U		<0.009	U		<0 011	U		<0.0052	U		<0.022	U		<0 0055	U	
		VMP-48-20-012618	1/26/2018	<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-48-20-042718	4/27/2018	<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	
	30 ft	VMP-48-30-072117	7/21/2017	0 0022	J		<0.0072	U		<0 0053	U		<0.0098	U		<0 012	U		<0.0056	U		<0.024	U		<0 0059	U	
		VMP-48-30-103117	10/31/2017	0 0084	J		<0.0071	U		<0 0052	U		<0.0097	U		<0 012	U		<0.0055	U		<0.023	U		<0 0059	U	
		VMP-48-30-103117-DUP	10/31/2017	<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-48-30-012618	1/26/2018	<0.014	U		<0.007	U		<0 0052	U		<0.0095	U		<0 012	U		0.00085	J		<0.023	U		<0 0058	U	
		VMP-48-30-042718	4/27/2018	<0.015	J	U	<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		<0.0059	U		<0.025	U		<0 0063	U	
		VMP-48-30-042718-DUP	4/27/2018	<0.016	J	U	<0.0081	U		<0 0059	U		<0.011	U		<0 014	U		0 0012	J		<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-49	5 ft	VMP-49-5-072617	7/26/2017	<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-49-5-102717	10/27/2017	<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-49-5-012618	1/26/2018	<0.014	U		0.0045	J		<0 0053	U		<0.0098	U		<0 012	U		0 0069			<0.024	U		<0 0059	U	
		VMP-49-5-041918	4/19/2018	<0.015	J	U	<0.0076	U		<0 0055	U		<0 01	U		<0 013	U		<0.0059	U		<0.025	U		<0 0062	U	
	10 ft	VMP-49-10-072617	7/26/2017	<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-49-10-102717	10/27/2017	<0.014	U		<0.0072	U		<0 0053	U		<0.0098	U		<0 012	U		0 0016	J		<0.024	U		<0.006	U	
		VMP-49-10-012618	1/26/2018	<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-49-10-041918	4/19/2018	<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	
	20 ft	VMP-49-20-072617	7/26/2017	<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-49-20-102717	10/27/2017	<0.014	J	U	<0.0068	U		<0.005	U		<0.0092	U		<0 011	U		<0.0053	U		<0.022	U		<0 0056	U	
		VMP-49-20-012618	1/26/2018	<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-49-20-041918	4/19/2018	0 0055	J		<0.0069	U		<0 0051	U		<0.0094	U		<0 012	U		<0.0054	U		<0.023	U		<0 0057	U	
	30 ft	VMP-49-30-072617	7/26/2017	<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-49-30-072617-DUP	7/26/2017	0.003	J		<0.0078	U		<0 0057	U		<0.011	U		<0 013	U		<0.0061	U		<0.026	U		<0 0064	U	
		VMP-49-30-102717	10/27/2017	<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-49-30-012618	1/26/2018	0 0038	J		<0.0075	U		<0 0055	U		<0 01	U		<0 012	U		<0.0058	U		<0.024	U		<0 0062	U	
		VMP-49-30-042718	4/27/2018	<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-50	5 ft	VMP-50-5-072617	7/26/2017	<0.016	J	U	0.00063	J		<0 0058	U		<0.011	U		<0 013	U		<0.0062	U		<0.026	U		<0 0065	U	
		VMP-50-5-110117	11/1/2017	<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-50-5-013118	1/31/2018	<0.015	U		<0.0076	U		<0 0055	U		<0 01	U		<0 013	U		0 0018	J		<0.025	U		<0 0062	U	
		VMP-50-5-032918	3/29/2018	<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-50-5-041018	4/10/2018	0.024	J		<0.17	U		<0.12	U		<0 23	U		<0.28	U		<0.13	U		<0.56	U		<0.14	U	
	10 ft	VMP-50-10-072617	7/26/2017	0 0025	J		0.00082	J		<0 0058	U		<0.011	U		<0 013	U		0.026			<0.026	U		<0 0065	U	
		VMP-50-10-110117	11/1/2017	<0.014	U		<0.007	U		<0 0051	U		<0.0094	U		<0 012	U		0.035			<0.023	U		<0 0057	U	
		VMP-50-10-013118	1/31/2018	<0.014	U		<0.0071	U		<0 0052	U		<0.0097	U		<0 012	U		0.029			<0.023	U		<0 0059	U	
		VMP-50-10-032918	3/29/2018	<0.014	U		<0.007	U		<0 0052	U		<0.0095	U		<0 012	U		0.016			<0.023	U		<0 0058	U	
		VMP-50-10-041018	4/10/2018	0.004	J		<0.024	U		<0.017	U		<0.032	U		<0.04	U		0.028			<0.078	U		<0.02	U	
	20 ft	VMP-50-20-072617	7/26/2017	<0.015	J	U	<0.0077	U		<0 0057	U		<0 01	U		<0 013	U		0.052			<0.025	U		<0 0064	U	
		VMP-50-20-110117	11/1/2017	<0.013	U		<0.0067	U		<0 0049	U		<0.0091	U		<0 011	U		0.054			<0.022	U		<0 0055	U	
		VMP-50-20-013118	1/31/2018	<0.058	U		<0.029	U		<0.021	U		<0.039	U		<0 049	U		<0.023	U		<0.096	U		<0.024	U	
		VMP-50-20-013118-DUP	1/31/2018	<0.058	U		<0.029	U		<0.022	U		<0 04	U		<0 049	U		<0.023	U		<0.097	U		<0.024	U	
		VMP-50-20-032918	3/29/2018	<0.014	U		<0.007	U		<0 0052	U		<0.0095	U		<0 012	U		0.04			<0.023	U		<0 0058	U	
		VMP-50-20-041018	4/10/2018	0.11	J		<0.71	U		<0.52	U		<0 97	U		<1.2	U		<0.55	U		<2.3	U		<0.59	U	
		VMP-50-20-041018-DUP	4/10/2018	0.11	J		<0.72	U		<0.53	U		<0 98	U		<1.2	U		<0.56	U		<2.4	U		<0.59	U	
	30 ft	VMP-50-30-072617	7/26/2017	<0 2	U		<0.1	U		<0.076	U		<0.14	U		<0.17	U		<0.08	U		0 33	J		<0.085	U	
		VMP-50-30-110117	11/1/2017	<0.14	U		<0.07	U		<0.051	U		<0.094	U		<0.12	U		<0.054	U		<0.092	U		<0.057	U	
		VMP-50-30-110117-DUP	11/1/2017	<0.14	U		<0.068	U		<0.05	U		<0.092	U		<0.11	U		<0.053	U		<0.09	U		<0.056	U	
		VMP-50-30-013118	1/31/2018	<0.14	U		<0.071	U		<0.052	U		<0.096	U		<0.12	U		<0.055	U		<0.093	U		<0.058	U	
		VMP-50-30-032918	3/29/2018	<0.19	U		<0.098	U		<0.071	U		<0.13	U		<0.16	U		<0.076	U		<0.32	U		<0.08	U	
		VMP-50-30-032918-DUP	3/29/2018	<0.18	U		<0.092	U		<0.067	U		<0.12	U		<0.15	U		<0.071	U		<0.3	U		<0.076	U	
		VMP-50-30-041018	4/10/2018	0.2	J		<1.5	U		<1.1	U		<2	U		<2.4	U		<1.1	U		<4.8	U		<1.2	U	
VMP-51	5 ft	VMP-51-5-072017	7/20/2017	<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-51-5-103017	10/30/2017	<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-51-5-012318	1/23/2018	<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-51-5-041618	4/16/2018	<0.014	J	U	<0.0069	U		<0.005	U		<0.0093	U		<0 012	U		<0.0053	U		<0.023	U		<0 0057	U	
	10 ft	VMP-51-10-072017	7/20/2017	<0.014	J	U	<0.0072	U		<0 0053	U		<0.0098	U		<0 012	U		0.001	J		<0.024	U		<0 0059	U	
		VMP-51-10-103017	10/30/2017	<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-51-10-012318	1/23/2018	<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-51-10-041618	4/16/2018	<0.013	J	U	<0.0066	U		<0 0048	U		<0.0089	U		<0 011	U		<0.0051	U		<0.022	U		<0 0054	U	
	20 ft	VMP-51-20-072017	7/20/2017	<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-51-20-103017	10/30/2017	<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-51-20-012318	1/23/2018	<0.014	U		<0.0072	U		<0 0053	U		<0.0098	U		<0 012	U		0.001	J		<0.024	U		<0 0059	U	
		VMP-51-20-012318-DUP	1/23/2018	<0.013	U		<0.0067	U		<0 0049	U		<0.0091	U		<0 011	U		0 0015	J		<0.022	U		<0 0055	U	
		VMP-51-20-041618	4/16/2018	<0.013	J	U	<0.0066	U		<0 0048	U		<0.009	U		<0 011	U		0.00098	J		<0.022	U		<0 0055	U	
	30 ft	VMP-51-30-072017	7/20/2017	<0.015	J	U	<0.0075	U		<0 0055	U		<0 01	U		<0 013	U		0 0039	J		<0.025	U		<0 0062	U	
		VMP-51-30-103017	10/30/2017	<0.014	U		<0.0069	U		<0 0051	U		<0.0094	U		<0 012	U		0.005	J		<0.023	U		<0 0057	U	
		VMP-51-30-012318	1/23/2018	<0.017	U		<0.0087	U		<0 0064	U		<0.012	U		<0 014	U		0 0026	J		<0.028	U		<0 0071	U	
		VMP-51-30-041618	4/16/2018	<0.014	J	U	<0.0072	U		<0 0053	U		<0.0098	U		<0 012	U		0.00082	J		<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	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-52-5-072117	7/21/2017	<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-52-5-102517	10/25/2017	<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-52-5-012418	1/24/2018	<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-52-5-042618	4/26/2018	<0.016	J	U	<0.0081	U		<0 0059	U		<0.011	U		<0 014	U		<0.0063	U		<0.027	U		<0 0067	U	
	10 ft	VMP-52-10-072117	7/21/2017	<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-52-10-102517	10/25/2017	0 0022	J		<0.007	U		<0 0051	U		<0.0095	U		<0 012	U		<0.0054	U		<0.023	U		<0 0058	U	
		VMP-52-10-012418	1/24/2018	<0.014	U		<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		0 0021	J		<0.024	U		<0.006	U	
		VMP-52-10-042618	4/26/2018	<0.016	J	U	<0.0081	U		<0 0059	U		<0.011	U		<0 014	U		0.002	J		<0.027	U		<0 0067	U	
	20 ft	VMP-52-20-072117	7/21/2017	<0.016	U		<0.0078	U		<0 0057	U		<0.011	U		<0 013	U		0.01			<0.026	U		<0 0064	U	
		VMP-52-20-102517	10/25/2017	<0.014	U		<0.007	U		<0 0051	U		<0.0095	U		<0 012	U		0 0049	J		<0.023	U		<0 0058	U	
		VMP-52-20-012418	1/24/2018	<0.014	U		<0.007	U		<0 0051	U		<0.0095	U		<0 012	U		0.011			<0.023	U		<0 0058	U	
		VMP-52-20-012418-DUP	1/24/2018	<0.014	U		<0.0068	U		<0.005	U		<0.0092	U		<0 011	U		0.011			<0.022	U		<0 0056	U	
		VMP-52-20-042618	4/26/2018	<0.015	J	U	<0.0078	U		<0 0057	U		<0 01	U		<0 013	U		0 0065			<0.026	U		<0 0064	U	
	30 ft	VMP-52-30-072117	7/21/2017	<0.016	U		<0.008	U		<0 0059	U		<0.011	U		<0 014	U		0 0081			<0.026	U		<0 0066	U	
		VMP-52-30-102517	10/25/2017	<0.014	U		<0.0073	U		<0 0053	U		<0.0099	U		<0 012	U		0 0055	J		<0.024	U		<0.006	U	
		VMP-52-30-102517-DUP	10/25/2017	<0.015	U		<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		0 0046	J		<0.024	U		<0 0061	U	
		VMP-52-30-012418	1/24/2018	0.002	J		<0.0065	U		<0 0048	U		<0.0088	U		<0 011	U		0.008			<0.021	U		<0 0054	U	
		VMP-52-30-042618	4/26/2018	<0.017	J	U	<0.0085	U		<0 0062	U		<0.011	U		<0 014	U		0 0066			<0.028	U		<0.007	U	
VMP-53	5 ft	VMP-53-5-071917	7/19/2017	<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-53-5-110117	11/1/2017	<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-53-5-012218	1/22/2018	<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-53-5-032918	3/29/2018	<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-53-5-041018	4/10/2018	<0.014	J	U	<0.0073	U		<0 0054	U		<0.0099	U		<0 012	U		<0.0057	U		<0.024	U		<0.006	U	
	10 ft	VMP-53-10-071917	7/19/2017	<0.015	J	U	<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		0 0076			<0.025	U		<0 0063	U	
		VMP-53-10-110117	11/1/2017	<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-53-10-012218	1/22/2018	<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-53-10-032918	3/29/2018	<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-53-10-041018	4/10/2018	<0.014	J	U	<0.0072	U		<0 0053	U		<0.0098	U		<0 012	U		<0.0056	U		<0.024	U		<0.006	U	
	20 ft	VMP-53-20-071917	7/19/2017	<0.015	J	U	<0.0077	U		<0 0057	U		<0 01	U		<0 013	U		0.006			<0.025	U		<0 0064	U	
		VMP-53-20-110117	11/1/2017	<0.014	U		<0.007	U		<0 0051	U		<0.0095	U		<0 012	U		0 0014	J		<0.023	U		<0 0058	U	
		VMP-53-20-012218	1/22/2018	<0.015	U	UJ	<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		<0.0057	U		<0.024	U		<0 0061	U	
		VMP-53-20-012218-DUP	1/22/2018	<0.015	U	UJ	<0.0076	U		<0 0055	U		<0 01	U		<0 013	U		<0.0059	U		<0.025	U		<0 0062	U	
		VMP-53-20-032918	3/29/2018	<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-53-20-041018	4/10/2018	<0.014	J	U	<0.0073	U		<0 0053	U		<0.0099	U		<0 012	U		0.001	J		<0.024	U		<0.006	U	
	30 ft	VMP-53-30-071917	7/19/2017	<0.015	U		<0.0077	U		<0 0057	U		<0 01	U		<0 013	U		0 0024	J		<0.025	U		<0 0064	U	
		VMP-53-30-071917-DUP	7/19/2017	<0.015	J	U	<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		0 0022	J		<0.025	U		<0 0063	U	
		VMP-53-30-110117	11/1/2017	<0.014	U		<0.0069	U		<0 0051	U		<0.0094	U		<0 012	U		0 0023	J		<0.023	U		<0 0057	U	
		VMP-53-30-012218	1/22/2018	<0.015	U		<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		0 0015	J		<0.025	U		<0 0063	U	
		VMP-53-30-032918	3/29/2018	<0.014	U		<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		0 0035	J		<0.024	U		<0.006	U	
		VMP-53-30-041018	4/10/2018	<0.013	J	U	<0.0068	U		<0 0049	U		<0.0092	U		<0 011	U		0 0032	J		<0.022	U		<0 0056	U	
VMP-54	5 ft	VMP-54-5-071917	7/19/2017	<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-54-5-102617	10/26/2017	<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-54-5-012218	1/22/2018	<0.014	U	UJ	<0.0073	U		<0 0053	U		<0.0099	U		<0 012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-54-5-041818	4/18/2018	<0.015	J	U	<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		<0.0059	U		<0.025	U		<0 0063	U	
	10 ft	VMP-54-10-071917	7/19/2017	<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-54-10-102617	10/26/2017	<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-54-10-012218	1/22/2018	<0.015	U	UJ	<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		<0.0058	U		<0.024	U		<0 0061	U	
		VMP-54-10-041818	4/18/2018	<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	
	20 ft	VMP-54-20-071917	7/19/2017	<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-54-20-102617	10/26/2017	<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-54-20-012218	1/22/2018	<0.014	U	UJ	<0.0072	U		<0 0053	U		<0.0098	U		<0 012	U		<0.0056	U		<0.024	U		<0 0059	U	
		VMP-54-20-041818	4/18/2018	<0.014	J	U	<0.0073	U		<0 0053	U		<0.0098	U		<0 012	U		<0.0056	U		0.0022	J		<0.006	U	
	30 ft	VMP-54-30-071917	7/19/2017	0 0021	J		<0.0082	U		<0.006	U		<0.011	U		<0 014	U		0 0019	J		<0.027	U		<0 0068	U	
		VMP-54-30-102617	10/26/2017	<0.014	J	U	<0.0069	U		<0 0051	U		<0.0094	U		<0 012	U		<0.0054	U		<0.023	U		<0 0057	U	
		VMP-54-30-102617-DUP	10/26/2017	<0.014	J	U	<0.007	U		<0 0052	U		<0.0095	U		<0 012	U		<0.0055	U		<0.023	U		<0 0058	U	
		VMP-54-30-012218	1/22/2018	<0.015	U	UJ	<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		<0.0058	U		<0.024	U		<0 0061	U	
		VMP-54-30-041818	4/18/2018	<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-56	10 ft	VMP-56-10-072117	7/21/2017	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0 014	U		0 0012	J		<0.027	U		<0 0067	U	
		VMP-56-10-102717	10/27/2017	0.016			<0.0073	U		<0 0053	U		<0.0098	U		<0 012	U		0.00077	J		<0.024	U		<0.006	U	
		VMP-56-10-012918	1/29/2018	<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-56-10-050118	5/1/2018	<0.016	J	U	<0.0078	U		<0 0057	U		<0.011	U		<0 013	U		<0.0061	U		<0.026	U		<0 0064	U	
	25 ft	VMP-56-25-072117	7/21/2017	0 0018	J		<0.0079	U		<0 0058	U		<0.011	U		<0 013	U		0 0017	J		<0.026	U		<0 0065	U	
		VMP-56-25-102717	10/27/2017	<0.014	J	U	<0.0071	U		<0 0052	U		<0.0097	U		<0 012	U		0 0015	J		<0.023	U		<0 0059	U	
		VMP-56-25-012918	1/29/2018	<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-56-25-050118	5/1/2018	<0.015	J	U	<0.0076	U		<0 0055	U		<0 01	U		<0 013	U		<0.0059	U		<0.025	U		<0 0062	U	
	38.5 ft	VMP-56-38.5-050118	5/1/2018	<60	U		<30	U		<22	U		<41	U		<51	U		<24	U		<40	U		<25	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-62-5-072517	7/25/2017	0 0021	J		<0.0067	U		<0 0049	U		<0.0091	U		<0 011	U		<0.0052	U		<0.022	U		<0 0055	U	
		VMP-62-5-083017	8/30/2017	<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-62-5-110317	11/3/2017	<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-62-5-012918	1/29/2018	<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-62-5-032818	3/28/2018	<0.014	J	U	<0.007	U		<0 0052	U		<0.0095	U		<0 012	U		<0.0055	U		<0.023	U		<0 0058	U	
		VMP-62-5-041018	4/10/2018	<0.014	J	U	<0.007	U		<0 0052	U		<0.0095	U		<0 012	U		<0.0055	U		<0.023	U		<0 0058	U	
	10 ft	VMP-62-10-072517	7/25/2017	<0.015	U		<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		0.021			<0.024	U		<0 0061	U	
		VMP-62-10-110317	11/3/2017	<0.014	U		<0.0069	U		<0 0051	U		<0.0094	U		<0 012	U		0 0025	J		<0.023	U		<0 0057	U	
		VMP-62-10-012918	1/29/2018	0 0019	J		<0.0067	U		<0 0049	U		<0.0091	U		<0 011	U		0 0024	J		<0.022	U		<0 0055	U	
		VMP-62-10-032818	3/28/2018	<0.013	J	U	<0.0068	U		<0 0049	U		<0.0092	U		<0 011	U		0 0075			<0.022	U		<0 0056	U	
		VMP-62-10-041018	4/10/2018	<0.014	J	U	<0.007	U		<0 0051	U		<0.0094	U		<0 012	U		0.013			<0.023	U		<0 0057	U	
	20 ft	VMP-62-20-072517	7/25/2017	<0.015	U		<0.0076	U		<0 0056	U		0.0033	J		<0 013	U		0.071			<0.025	U		<0 0063	U	
		VMP-62-20-110317	11/3/2017	<0.014	U		<0.007	U		<0 0052	U		<0.0095	U		<0 012	U		0.013			<0.023	U		<0 0058	U	
		VMP-62-20-012918	1/29/2018	<0.013	U		<0.0066	U		<0 0048	U		<0.0089	U		<0 011	U		0.013			<0.022	U		<0 0054	U	
		VMP-62-20-032818	3/28/2018	<0.015	J	U	<0.0076	U		<0 0055	U		<0 01	U		<0 013	U		0.023			<0.025	U		<0 0062	U	
	30 ft	VMP-62-30-072517	7/25/2017	<0.015	U		<0.0076	U		<0 0056	U		<0 01	U		<0 013	U		0.013			<0.025	U		<0 0063	U	
		VMP-62-30-072517-DUP	7/25/2017	<0.015	U		<0.0074	U		<0 0054	U		<0 01	U		<0 012	U		0.012			<0.024	U		<0 0061	U	
		VMP-62-30-110317	11/3/2017	<0.014	U		<0.0072	U		<0 0053	U		<0.0098	U		<0 012	U		0 0023	J		<0.024	U		<0 0059	U	
		VMP-62-30-110317-DUP	11/3/2017	<0.014	U		<0.007	U		<0 0052	U		<0.0095	U		<0 012	U		0 0023	J		<0.023	U		<0 0058	U	
		VMP-62-30-012918	1/29/2018	<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-62-30-012918-DUP	1/29/2018	<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-62-30-032818	3/28/2018	<0.013	J	U	<0.0068	U		<0.005	U		<0.0092	U		<0 011	U		0 0028	J		<0.022	U		<0 0056	U	
		VMP-62-30-032818-DUP	3/28/2018	<0.013	J	U	<0.0067	U		<0 0049	U		<0.0091	U		<0 011	U		0 0025	J		<0.022	U		<0 0055	U	
		VMP-62-30-041018	4/10/2018	<0.014	J	U	<0.007	U		<0 0052	U		<0.0095	U		<0 012	U		0 0046	J		<0.023	U		<0 0058	U	
VMP-63	5 ft	VMP-63-5-072517	7/25/2017	<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-63-5-110117	11/1/2017	<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-63-5-012618	1/26/2018	<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-63-5-041918	4/19/2018	<0.013	J	U	<0.0067	U		<0 0049	U		<0.009	U		<0 011	U		<0.0052	U		<0.022	U		<0 0055	U	
	10 ft	VMP-63-10-072517	7/25/2017	<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-63-10-110117	11/1/2017	<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-63-10-012618	1/26/2018	<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-63-10-041918	4/19/2018	<0.014	J	U	<0.0069	U		<0 0051	U		<0.0094	U		<0 012	U		<0.0054	U		<0.023	U		<0 0057	U	
	20 ft	VMP-63-20-072517	7/25/2017	<0.015	J	U	<0.0078	U		<0 0057	U		<0 01	U		<0 013	U		<0.006	U		<0.026	U		<0 0064	U	
		VMP-63-20-110117	11/1/2017	<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-63-20-012618	1/26/2018	<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-63-20-041918	4/19/2018	<0.014	J	U	<0.007	U		<0 0051	U		<0.0095	U		<0 012	U		<0.0054	U		<0.023	U		<0 0058	U	
	30 ft	VMP-63-30-072517	7/25/2017	<0.014	J	U	<0.0073	U		<0 0054	U		<0.0099	U		<0 012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-63-30-110117	11/1/2017	<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-63-30-012618	1/26/2018	0 0017	J		<0.0072	U		<0 0053	U		<0.0098	U		<0 012	U		<0.0056	U		<0.024	U		<0 0059	U	
		VMP-63-30-012618-DUP	1/26/2018	<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-63-30-041918	4/19/2018	<0.014	J	U	<0.0072	U		<0 0052	U		<0.0097	U		<0 012	U		<0.0056	U		<0.024	U		<0 0059	U	
		VMP-63-30-041918-DUP	4/19/2018	<0.014	J	U	<0.007	U		<0 0051	U		<0.0094	U		<0 012	U		<0.0054	U		<0.023	U		<0 0057	U	
VMP-64	5 ft	VMP-64-5-072517	7/25/2017	0 0064	J		<0.015	U		<0.011	U		<0 02	U		<0 024	U		<0.011	U		<0.048	U		<0.012	U	
		VMP-64-5-110317	11/3/2017	<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-64-5-012218	1/22/2018	<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-64-5-041218	4/12/2018	<0.015	U		<0.0078	U		<0 0057	U		<0 01	U		<0 013	U		<0.006	U		<0.026	U		<0 0064	U	
	10 ft	VMP-64-10-072517	7/25/2017	<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-64-10-110317	11/3/2017	0 0014	J		<0.0067	U		<0 0049	U		<0.0091	U		<0 011	U		<0.0052	U		<0.022	U		<0 0055	U	
		VMP-64-10-012218	1/22/2018	<0.015	U	UJ	<0.0075	U		<0 0055	U		<0 01	U		<0 012	U		<0.0058	U		<0.024	U		<0 0062	U	
		VMP-64-10-041218	4/12/2018	<0.015	U		<0.0077	U		<0 0056	U		<0 01	U		<0 013	U		<0.006	U		<0.025	U		<0 0063	U	
	20 ft	VMP-64-20-072517	7/25/2017	<0.016	J	U	<0.0079	U		<0 0058	U		<0.011	U		<0 013	U		0 0018	J		<0.026	U		<0 0065	U	
		VMP-64-20-110317	11/3/2017	<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-64-20-012218	1/22/2018	<0.015	U	UJ	<0.0076	U		<0 0055	U		<0 01	U		<0 013	U		<0.0059	U		<0.025	U		<0 0062	U	
		VMP-64-20-041218	4/12/2018	<0.015	U		<0.0075	U		<0 0055	U		<0 01	U		<0 013	U		0 0036	J		<0.025	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	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-1-5-072417	7/24/2017	<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-1-5-102617	10/26/2017	<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-1-5-012618	1/26/2018	<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-1-5-042718	4/27/2018	<0.0042	U		<0.0095	U		<0 0074	U		<0.0074	U		<0.0074	U		0.003	J		<0.005	U		<0.005	U	
	8.5 ft	VMP-1-8.5-072417	7/24/2017	<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-1-8.5-102617	10/26/2017	<0.0039	U		<0.0086	U		<0 0068	U		<0.0068	U		<0.0068	U		0.003	J		<0.0046	U		<0 0046	U	
		VMP-1-8.5-012418	1/24/2018	<0.0038	U		<0.0086	U		<0 0067	U		<0.0067	U		<0.0067	U		0 0031	J		<0.0045	U		<0 0045	U	
		VMP-1-8.5-042718	4/27/2018	<0.0042	U		<0.0093	U		<0 0073	U		<0.0073	U		<0.0073	U		0 0024	J		<0.0049	U		<0 0049	U	
	23.5 ft	VMP-1-23.5-072417	7/24/2017	0 0042			<0.0091	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0027	J		<0.0048	U		<0 0048	U	
		VMP-1-23.5-102617	10/26/2017	<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-1-23.5-012618	1/26/2018	<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-1-23.5-042718	4/27/2018	<0.0042	U		<0.0095	U		<0 0074	U		<0.0074	U		<0.0074	U		0 0035	J		<0.005	U		<0.005	U	
VMP-2	5 ft	VMP-2-5-072417	7/24/2017	0 0033	J		<0.0095	U		<0 0074	U		<0.0074	U		<0.0074	U		0 0023	J		<0.005	U		<0.005	U	
		VMP-2-5-102617	10/26/2017	<0.004	U		<0.009	U		<0 0071	U		<0.0071	U		<0.0071	U		0.002	J		<0.0048	U		<0 0048	U	
		VMP-2-5-012918	1/29/2018	<0.0038	U		<0.0084	U		<0 0066	U		<0.0066	U		<0.0066	U		0 0029	J		<0.0044	U		<0 0044	U	
		VMP-2-5-032818	3/28/2018	<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-2-5-041018	4/10/2018	<0.0039	U		<0.0088	U		<0 0069	U		<0.0069	U		<0.0069	U		0 0022	J		<0.0046	U		<0 0046	U	
	8.5 ft	VMP-2-8.5-072417	7/24/2017	<0.0047	U		<0.01	U		<0 0082	U		<0.0082	U		<0.0082	U		0 0028	J		<0.0055	U		<0 0055	U	
		VMP-2-8.5-102617	10/26/2017	<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-2-8.5-012918	1/29/2018	<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-2-8.5-032818	3/28/2018	<0.0039	U		<0.0088	U		<0 0069	U		<0.0069	U		<0.0069	U		0 0026	J		<0.0046	U		<0 0046	U	
		VMP-2-8.5-041018	4/10/2018	<0.0039	U		<0.0086	U		<0 0068	U		<0.0068	U		<0.0068	U		0 0019	J		<0.0046	U		<0 0046	U	
	22 ft	VMP-2-22-072417	7/24/2017	<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-2-22-072417-DUP	7/24/2017	<0.0043	U		<0.0096	U		<0 0075	U		<0.0075	U		<0.0075	U		0 0021	J		<0.0051	U		<0 0051	U	
		VMP-2-22-102617	10/26/2017	<0.0038	U		<0.0085	U		<0 0066	U		<0.0066	U		<0.0066	U		0 0026	J		<0.0045	U		<0 0045	U	
		VMP-2-22-012918	1/29/2018	<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-2-22-032818	3/28/2018	<0.0039	U		<0.0088	U		<0 0068	U		<0.0068	U		<0.0068	U		0.002	J		<0.0046	U		<0 0046	U	
		VMP-2-22-041018	4/10/2018	<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-3	5 ft	VMP-3-5-072017	7/20/2017	<0.0043	U		<0.0097	U		<0 0076	U		<0.0076	U		<0.0076	U		0 0019	J		<0.0051	U		<0 0051	U	
		VMP-3-5-102617	10/26/2017	<0.0043	U		<0.0095	U		<0 0074	U		<0.0074	U		<0.0074	U		0 0023	J		<0.005	U		<0.005	U	
		VMP-3-5-012318	1/23/2018	<0.0038	U		<0.0084	U		<0 0066	U		<0.0066	U		<0.0066	U		0.003	J		<0.0044	U		<0 0044	U	
		VMP-3-5-042718	4/27/2018	<0.0042	U		<0.0093	U		<0 0073	U		<0.0073	U		<0.0073	U		0.003	J		<0.0049	U		<0 0049	U	
	10 ft	VMP-3-10-072017	7/20/2017	<0.0045	U		<0.01	U		<0 0079	U		<0.0079	U		<0.0079	U		0.002	J		<0.0053	U		<0 0053	U	
		VMP-3-10-102617	10/26/2017	<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-3-10-012318	1/23/2018	<0.0038	U		<0.0084	U		<0 0066	U		<0.0066	U		<0.0066	U		0 0031	J		<0.0044	U		<0 0044	U	
		VMP-3-10-042718	4/27/2018	<0.0041	U		<0.0091	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0031	J		<0.0048	U		<0 0048	U	
	22 ft	VMP-3-22-072017	7/20/2017	<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-3-22-102617	10/26/2017	<0.0041	U		<0.0091	U		<0 0071	U		<0.0071	U		<0.0071	U		0 0026	J		<0.0048	U		<0 0048	U	
		VMP-3-22-012318	1/23/2018	<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-3-22-042718	4/27/2018	<0.0044	U		<0.0099	U		<0 0078	U		<0.0078	U		<0.0078	U		0 0021	J		<0.0052	U		<0 0052	U	
	31.5 ft	VMP-3-31.5-072017	7/20/2017	<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-3-31.5-102617	10/26/2017	0 0017	J		<0.0091	U		<0 0071	U		<0.0071	U		<0.0071	U		0 0026	J		<0.0048	U		<0 0048	U	
		VMP-3-31.5-102617-DUP	10/26/2017	0 0011	J		<0.0091	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0026	J		<0.0048	U		<0 0048	U	
		VMP-3-31.5-042718	4/27/2018	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0 007	U		0 0031	J		<0.0047	U		<0 0047	U	
	39 ft	VMP-3-39-042718	4/27/2018	<0.005	U		<0.011	U		<0 0087	U		<0.0087	U		<0.0087	U		0 0034	J		<0.0059	U		<0 0059	U	
		VMP-3-39-042718-DUP	4/27/2018	<0.0051	U		<0.011	U		<0 0089	U		<0.0089	U		<0.0089	U		0 0028	J		<0.006	U		<0.006	U	
VMP-4	5 ft	VMP-4-5-072517	7/25/2017	<0.0043	U		<0.0096	U		<0 0075	U		<0.0075	U		<0.0075	U		0 0023	J		<0.005	U		<0.005	U	
		VMP-4-5-110117	11/1/2017	<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-4-5-012318	1/23/2018	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0 007	U		0 0031	J		<0.0047	U		<0 0047	U	
		VMP-4-5-041118	4/11/2018	0 0012	J		<0.0095	U		<0 0074	U		<0.0074	U		<0.0074	U		0 0024	J		<0.005	U		<0.005	U	
	12 ft	VMP-4-12-072517	7/25/2017	<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-4-12-110117	11/1/2017	<0.0038	U		<0.0085	U		<0 0066	U		<0.0066	U		<0.0066	U		0 0026	J		<0.0045	U		<0 0045	U	
		VMP-4-12-012318	1/23/2018	<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-4-12-041118	4/11/2018	0 0021	J		<0.0099	U		<0 0078	U		<0.0078	U		<0.0078	U		0 0023	J		<0.0052	U		<0 0052	U	
	23.5 ft	VMP-4-23.5-072517	7/25/2017	<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-4-23.5-072517-DUP	7/25/2017	<0.0044	U		<0.0099	U		<0 0077	U		<0.0077	U		<0.0077	U		<0.0064	U		<0.0052	U		<0 0052	U	
		VMP-4-23.5-110117	11/1/2017	<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-4-23.5-012318	1/23/2018	<0.0043	U		<0.0097	U		<0 0076	U		<0.0076	U		<0.0076	U		0 0032	J		<0.0051	U		<0 0051	U	
		VMP-4-23.5-041118	4/11/2018	3.5			<0.18	U		<0.14	U		<0.14	U		<0.14	U		<0.12	U		<0.094	U		<0.094	U	
		VMP-4-23.5-041118-DUP	4/11/2018	4.2			<0.2	U		<0.16	U		<0.16	U		<0.16	U		<0.13	U		<0.1	U		<0.1	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-5-5-072017	7/20/2017	<0.004	U		<0.009	U		0.00066	J		0 00087	J		0.00073	J		0 0022	J		<0.0047	U		<0 0047	U	
		VMP-5-5-103017	10/30/2017	<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-5-5-012518	1/25/2018	0 0014	J		<0.0083	U		<0 0065	U		<0.0065	U		<0.0065	U		0 0031	J		<0.0044	U		<0 0044	U	
		VMP-5-5-041618	4/16/2018	<0.0037	U		<0.0082	U		<0 0064	U		<0.0064	U		<0.0064	U		0 0026	J		<0.0043	U		<0 0043	U	
	12.5 ft	VMP-5-12.5-072017	7/20/2017	<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-5-12.5-102017	10/30/2017	<0.0036	U		<0.0081	U		<0 0064	U		<0.0064	U		<0.0064	U		0 0027	J		<0.0043	U		<0 0043	U	
		VMP-5-12.5-012518	1/25/2018	<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-5-12.5-041618	4/16/2018	<0.0039	U		<0.0088	U		<0 0069	U		<0.0069	U		<0.0069	U		0 0023	J		<0.0046	U		<0 0046	U	
	31 ft	VMP-5-31-072017	7/20/2017	<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-5-31-072017-DUP	7/20/2017	<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-5-31-103017	10/30/2017	<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-5-31-012518	1/25/2018	<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-5-31-041618	4/16/2018	<0.0038	U		<0.0085	U		<0 0066	U		<0.0066	U		<0.0066	U		0 0026	J		<0.0045	U		<0 0045	U	
	40 ft	VMP-5-40-012518	1/25/2018	<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-5-40-041618	4/16/2018	<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-5-40-041618-DUP	4/16/2018	<0.0038	U		<0.0084	U		<0 0066	U		<0.0066	U		<0.0066	U		0 0031	J		<0.0044	U		<0 0044	U	
VMP-6	5 ft	VMP-6-5-072117	7/21/2017	<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-6-5-103117	10/31/2017	<0.0037	U		<0.0082	U		<0 0064	U		<0.0064	U		<0.0064	U		0.002	J		<0.0043	U		<0 0043	U	
		VMP-6-5-012418	1/24/2018	<0.0038	U		<0.0084	U		<0 0066	U		<0.0066	U		<0.0066	U		0 0035	J		<0.0044	U		<0 0044	U	
		VMP-6-5-042318	4/23/2018	<0.0037	U		<0.0083	U		<0 0065	U		<0.0065	U		<0.0065	U		0.003	J		<0.0044	U		<0 0044	U	
	10 ft	VMP-6-10-072117	7/21/2017	<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-6-10-103117	10/31/2017	<0.0036	U		<0.0081	U		<0 0064	U		<0.0064	U		<0.0064	U		0 0025	J		<0.0043	U		<0 0043	U	
		VMP-6-10-012418	1/24/2018	0.00082	J		<0.0083	U		<0 0065	U		<0.0065	U		<0.0065	U		0.003	J		<0.0044	U		<0 0044	U	
		VMP-6-10-042318	4/23/2018	<0.0041	U		<0.0091	U		<0 0072	U		<0.0072	U		<0.0072	J	U	0 0033	J		<0.0048	U		<0 0048	U	
	31.5 ft	VMP-6-31.5-072117	7/21/2017	<0.004	U		<0.009	U		<0 0071	U		<0.0071	U		<0.0071	U		0 0021	J		<0.0048	U		<0 0048	U	
		VMP-6-31.5-072117-DUP	7/21/2017	<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-6-31.5-103117	10/31/2017	<0.0037	U		<0.0083	U		<0 0065	U		<0.0065	U		<0.0065	U		0 0022	J		<0.0044	U		<0 0044	U	
		VMP-6-31.5-013118	1/31/2018	<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-6-31.5-042318	4/23/2018	<0.0041	U		<0.0091	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0029	J		<0.0048	U		<0 0048	U	
	39 ft	VMP-6-39-103117	10/31/2017	<0.0038	U		<0.0085	U		<0 0067	U		<0.0067	U		<0.0067	U		0.003	J		<0.0045	U		<0 0045	U	
		VMP-6-39-103117-DUP	10/31/2017	<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-6-39-012418	1/24/2018	0 0014	J		<0.0083	U		<0 0065	U		<0.0065	U		<0.0065	U		0 0032	J		<0.0044	U		<0 0044	U	
		VMP-6-39-012418-DUP	1/24/2018	<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-6-39-042318	4/23/2018	<0.0041	U		<0.0091	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0029	J		<0.0048	U		<0 0048	U	
VMP-7	5 ft	VMP-7-5-072117	7/21/2017	<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-7-5-102517	10/25/2017	<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-7-5-012518	1/25/2018	<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-7-5-042318	4/23/2018	<0.0041	U		<0.0091	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0028	J		<0.0048	U		<0 0048	U	
	13.5 ft	VMP-7-13.5-072117	7/21/2017	<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-7-13.5-102517	10/25/2017	<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-7-13.5-012518	1/25/2018	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0 007	U		0 0037	J		<0.0047	U		<0 0047	U	
		VMP-7-13.5-042318	4/23/2018	<0.0039	U		<0.0088	U		<0 0069	U		<0.0069	U		<0.0069	U		0 0031	J		<0.0046	U		<0 0046	U	
	29.5 ft	VMP-7-29.5-072117	7/21/2017	<0.0041	U		<0.0092	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0032	J		<0.0048	U		<0 0048	U	
		VMP-7-29.5-102517	10/25/2017	<0.004	U		<0.009	U		<0 0071	U		<0.0071	U		<0.0071	U		0 0028	J		<0.0048	U		<0 0048	U	
		VMP-7-29.5-012518	1/25/2018	<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-7-29.5-042318	4/23/2018	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0 007	U		<0.0058	J	U	<0.0047	U		<0 0047	U	
	38 ft	VMP-7-38-102517	10/25/2017	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0 007	U		0 0019	J		<0.0047	U		<0 0047	U	
		VMP-7-38-012518	1/25/2018	<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-7-38-042318	4/23/2018	<0.0038	U		<0.0086	U		<0 0067	U		<0.0067	U		<0.0067	U		<0.0055	J	U	<0.0045	U		<0 0045	U	
		VMP-7-38-042318-DUP	4/23/2018	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0 007	U		0 0031	J		<0.0047	U		<0 0047	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-8-5-071917	7/19/2017	<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-8-5-103017	10/30/2017	<0.004	U		<0.0089	U		<0 0069	U		<0.0069	U		<0.0069	U		0 0025	J		<0.0047	U		<0 0047	U	
		VMP-8-5-012218	1/22/2018	<0.0039	U		<0.0087	U		<0 0068	U		<0.0068	U		<0.0068	U		0 0021	J		<0.0046	U		<0 0046	U	
		VMP-8-5-041818	4/18/2018	<0.0041	U		<0.0091	U		<0 0071	U		<0.0071	U		<0.0071	U		0 0031	J		<0.0048	U		<0 0048	U	
	9.5 ft	VMP-8-9.5-071917	7/19/2017	<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-8-9.5-103017	10/30/2017	<0.0039	U		<0.0086	U		<0 0068	U		<0.0068	U		<0.0068	U		0 0023	J		<0.0046	U		<0 0046	U	
		VMP-8-9.5-012218	1/22/2018	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0 007	U		0 0022	J		<0.0047	U		<0 0047	U	
		VMP-8-9.5-041818	4/18/2018	<0.0041	U		<0.0091	U		<0 0071	U		<0.0071	U		<0.0071	U		0 0028	J		<0.0048	U		<0 0048	U	
	23.5 ft	VMP-8-23.5-071917	7/19/2017	<0.0042	U		<0.0094	U		<0 0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U	
		VMP-8-23.5-103017	10/30/2017	<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-8-23.5-012218	1/22/2018	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0 007	U		0 0018	J		<0.0047	U		<0 0047	U	
		VMP-8-23.5-012218-DUP	1/22/2018	<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-8-23.5-041818	4/18/2018	<0.0042	U		<0.0094	U		<0 0073	U		<0.0073	U		<0.0073	U		0 0025	J		<0.0049	U		<0 0049	U	
	35.5 ft	VMP-8-35.5-071917	7/19/2017	<0.0075	U		<0.017	U		<0.013	U		<0.013	U		<0 013	U		<0.011	U		<0.0089	U		<0 0089	U	
		VMP-8-35.5-071917-DUP	7/19/2017	<0.0084	U		<0.019	U		<0.015	U		<0.015	U		<0 015	U		0 0031	J		<0.0099	U		<0 0099	U	
		VMP-8-35.5-103017	10/30/2017	<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-8-35.5-042018	4/20/2018	<0.0039	U		<0.0088	U		<0 0069	U		<0.0069	U		<0.0069	U		0.003	J		<0.0046	U		<0 0046	U	
VMP-9	5 ft	VMP-9-5-071917	7/19/2017	<0.0042	U		<0.0094	U		<0 0074	U		<0.0074	U		<0.0074	U		0 0022	J		<0.005	U		<0.005	U	
		VMP-9-5-110117	11/1/2017	<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-9-5-012218	1/22/2018	<0.0043	U		<0.0097	U		<0 0076	U		<0.0076	U		<0.0076	U		0 0026	J		<0.0051	U		<0 0051	U	
		VMP-9-5-042618	4/26/2018	<0.0042	U		<0.0093	U		<0 0073	U		<0.0073	U		<0.0073	U		0.003	J		<0.0049	U		<0 0049	U	
	11.5 ft	VMP-9-11.5-071917	7/19/2017	<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-9-11.5-110117	11/1/2017	<0.0041	U		<0.0091	U		<0 0071	U		<0.0071	U		<0.0071	U		<0.0058	U		<0.0048	U		<0 0048	U	
		VMP-9-11.5-012218	1/22/2018	<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-9-11.5-042618	4/26/2018	<0.0042	U		<0.0093	U		<0 0073	U		<0.0073	U		<0.0073	U		0.003	J		<0.0049	U		<0 0049	U	
	25.5 ft	VMP-9-25.5-071917	7/19/2017	<0.0042	U		<0.0094	U		<0 0074	U		<0.0074	U		<0.0074	U		0 0021	J		<0.005	U		<0.005	U	
		VMP-9-25.5-110117	11/1/2017	<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-9-25.5-012218	1/22/2018	<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-9-25.5-042618	4/26/2018	0 0056			<0.0093	U		<0 0073	U		<0.0073	U		<0.0073	U		0 0031	J		<0.0049	U		<0 0049	U	
	38.5 ft	VMP-9-38.5-110117	11/1/2017	<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-9-38.5-012218	1/22/2018	<0.0041	U		<0.0092	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0024	J		<0.0049	U		<0 0049	U	
		VMP-9-38.5-042618	4/26/2018	<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-18	8.5 ft	VMP-18-8.5-072717	7/27/2017	<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-18-8.5-110317	11/3/2017	<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-18-8.5-110317-DUP	11/3/2017	<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-18-8.5-012418	1/24/2018	<0.004	U		<0.0089	U		<0 0069	U		<0.0069	U		<0.0069	U		0 0034	J		<0.0047	U		<0 0047	U	
		VMP-18-8.5-033018	3/30/2018	<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-18-8.5-041018	4/10/2018	<0.0039	U		<0.0086	U		<0 0068	U		<0.0068	U		<0.0068	U		0 0021	J		<0.0046	U		<0 0046	U	
VMP-19	5 ft	VMP-19-5-072717	7/27/2017	<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-19-5-102517	10/25/2017	<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-19-5-012518	1/25/2018	0 0019	J		<0.0088	U		<0 0068	U		<0.0068	U		<0.0068	U		0 0028	J		<0.0046	U		<0 0046	U	
		VMP-19-5-042618	4/26/2018	<0.0043	U		<0.0097	U		<0 0076	U		<0.0076	U		<0.0076	U		0 0027	J		<0.0051	U		<0 0051	U	
VMP-20	5 ft	VMP-20-5-072417	7/24/2017	<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-20-5-103117	10/31/2017	<0.0038	U		<0.0086	U		<0 0067	U		<0.0067	U		<0.0067	U		0 0025	J		<0.0045	U		<0 0045	U	
		VMP-20-5-012218	1/22/2018	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0 007	U		0.002	J		<0.0047	U		<0 0047	U	
		VMP-20-5-041218	4/12/2018	<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-20-10-072417	7/24/2017	<0.004	U		<0.0089	U		<0 0069	U		<0.0069	U		<0.0069	U		0 0021	J		<0.0047	U		<0 0047	U	
		VMP-20-10-103117	10/31/2017	<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-20-10-012218	1/22/2018	<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-20-10-041218	4/12/2018	<0.004	U		<0.009	U		<0 0071	U		<0.0071	U		<0.0071	U		0 0027	J		<0.0048	U		<0 0048	U	
	25 ft	VMP-20-25-072417	7/24/2017	<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-20-25-103117	10/31/2017	<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-20-25-012218	1/22/2018	<0.004	U		<0.0088	U		<0 0069	U		<0.0069	U		<0.0069	U		0.003	J		<0.0046	U		<0 0046	U	
		VMP-20-25-041218	4/12/2018	<0.0041	U		<0.0091	U		<0 0071	U		<0.0071	U		<0.0071	U		0 0059			<0.0048	U		<0 0048	U	
	39.5 ft	VMP-20-39.5-041218	4/12/2018	<0.004	U		<0.0089	U		<0 0069	U		<0.0069	U		<0.0069	U		0.003	J		<0.0047	U		<0 0047	U	

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-21	5 ft	VMP-21-5-072017	7/20/2017	<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-21-5-103117	10/31/2017	<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-21-5-012318	1/23/2018	<0.0037	U		<0.0083	U		<0 0065	U		<0.0065	U		<0.0065	U		0.003	J		<0.0044	U		<0 0044	U	
		VMP-21-5-041318	4/13/2018	<0.0041	U		<0.0091	U		<0 0071	U		<0.0071	U		<0.0071	U		0 0025	J		<0.0048	U		<0 0048	U	
	10 ft	VMP-21-10-072017	7/20/2017	<0.0042	U		<0.0093	U		<0 0073	U		<0.0073	U		<0.0073	U		0.002	J		<0.0049	U		<0 0049	U	
		VMP-21-10-103117	10/31/2017	<0.0038	U		<0.0084	U		<0 0066	U		<0.0066	U		<0.0066	U		0.003	J		<0.0044	U		<0 0044	U	
		VMP-21-10-012318	1/23/2018	<0.0038	U		<0.0084	U		<0 0066	U		<0.0066	U		<0.0066	U		0 0031	J		<0.0044	U		<0 0044	U	
		VMP-21-10-041318	4/13/2018	<0.0041	U		<0.0092	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0027	J		<0.0049	U		<0 0049	U	
	25 ft	VMP-21-25-072017	7/20/2017	<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-21-25-103117	10/31/2017	<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-21-25-012318	1/23/2018	<0.0038	U		<0.0086	U		<0 0067	U		<0.0067	U		<0.0067	U		0 0035	J		<0.0045	U		<0 0045	U	
		VMP-21-25-041318	4/13/2018	<0.0042	U		<0.0093	U		<0 0073	U		<0.0073	U		<0.0073	U		0 0027	J		<0.0049	U		<0 0049	U	
	33 ft	VMP-21-33-072017	7/20/2017	<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-21-33-072017-DUP	7/20/2017	<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-21-33-103117	10/31/2017	<0.0039	U		<0.0086	U		<0 0068	U		<0.0068	U		<0.0068	U		0.003	J		<0.0046	U		<0 0046	U	
		VMP-21-33-012318	1/23/2018	<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-21-33-012318-DUP	1/23/2018	<0.0038	U		<0.0084	U		<0 0066	U		<0.0066	U		<0.0066	U		0 0038	J		<0.0044	U		<0 0044	U	
		VMP-21-33-041318	4/13/2018	<0.0044	U		<0.0099	U		<0 0078	U		<0.0078	U		<0.0078	U		0 0024	J		<0.0052	U		<0 0052	U	
VMP-22	5 ft	VMP-22-5-072617	7/26/2017	<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-22-5-102617	10/26/2017	<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-22-5-013018	1/30/2018	<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-22-5-041318	4/13/2018	<0.0041	U		<0.0091	U		<0 0072	U		<0.0072	U		<0.0072	U		0.003	J		<0.0048	U		<0 0048	U	
	10 ft	VMP-22-10-072617	7/26/2017	<0.0042	U		<0.0094	U		<0 0073	U		<0.0073	U		<0.0073	U		0 0025	J		<0.0049	U		<0 0049	U	
		VMP-22-10-102617	10/26/2017	<0.0041	U		<0.0092	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0027	J		<0.0048	U		<0 0048	U	
		VMP-22-10-013018	1/30/2018	<0.0037	U		<0.0082	U		<0 0064	U		<0.0064	U		<0.0064	U		0 0033	J		<0.0043	U		<0 0043	U	
		VMP-22-10-050118	5/1/2018	<0.0043	U		<0.0097	U		<0 0076	U		<0.0076	U		<0.0076	U		0 0023	J		<0.0051	U		<0 0051	U	
	18 ft	VMP-22-18-072617	7/26/2017	<0.0047	U		<0.01	U		<0 0082	U		<0.0082	U		<0.0082	U		0 0026	J		<0.0055	U		<0 0055	U	
		VMP-22-18-102617	10/26/2017	<0.004	U		<0.0089	U		<0 0069	U		<0.0069	U		<0.0069	U		0 0029	J		<0.0047	U		<0 0047	U	
		VMP-22-18-013018	1/30/2018	<0.0036	U		<0.0081	U		<0 0063	U		<0.0063	U		<0.0063	U		0 0027	J		<0.0043	U		<0 0043	U	
		VMP-22-18-041318	4/13/2018	<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-22-18-041318-DUP	4/13/2018	<0.0042	U		<0.0093	U		<0 0073	U		<0.0073	U		<0.0073	U		0 0024	J		<0.0049	U		<0 0049	U	
	38 ft	VMP-22-38-072617	7/26/2017	<0.0041	U		<0.0091	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0029	J		<0.0048	U		<0 0048	U	
		VMP-22-38-072617-DUP	7/26/2017	<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-22-38-102617	10/26/2017	<0.0041	U		<0.0091	U		<0 0071	U		<0.0071	U		<0.0071	U		0 0032	J		<0.0048	U		<0 0048	U	
		VMP-22-38-013018	1/30/2018	<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-22-38-050118	5/1/2018	<0.0043	U		<0.0097	U		<0 0076	U		<0.0076	U		<0.0076	U		0 0022	J		<0.0051	U		<0 0051	U	
VMP-23	5 ft	VMP-23-5-072017	7/20/2017	<0.0041	U		<0.0092	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0027	J		<0.0048	U		<0 0048	U	
		VMP-23-5-102517	10/25/2017	<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-23-5-012318	1/23/2018	<0.0044	U		<0.0099	U		<0 0078	U		<0.0078	U		<0.0078	U		0 0037	J		<0.0052	U		<0 0052	U	
		VMP-23-5-041618	4/16/2018	<0.0039	U		<0.0088	U		<0 0068	U		<0.0068	U		<0.0068	U		0 0038	J		<0.0046	U		<0 0046	U	
	10 ft	VMP-23-10-072017	7/20/2017	<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-23-10-102517	10/25/2017	<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-23-10-012318	1/23/2018	<0.0038	U		<0.0086	U		<0 0067	U		<0.0067	U		<0.0067	U		0 0032	J		<0.0045	U		<0 0045	U	
		VMP-23-10-041618	4/16/2018	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0 007	U		0.004	J		<0.0047	U		<0 0047	U	
	25 ft	VMP-23-25-072017	7/20/2017	<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-23-25-102517	10/25/2017	<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-23-25-012318	1/23/2018	<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-23-25-041618	4/16/2018	<0.0039	U		<0.0087	U		<0 0068	U		<0.0068	U		<0.0068	U		0 0044	J		<0.0046	U		<0 0046	U	
	40 ft	VMP-23-40-012318	1/23/2018	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0 007	U		0 0035	J		<0.0047	U		<0 0047	U	
		VMP-23-40-041618	4/16/2018	<0.0038	U		<0.0084	U		<0 0066	U		<0.0066	U		<0.0066	U		0 0046	J		<0.0044	U		<0 0044	U	

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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-24-5-072117	7/21/2017	<0.0043	U		<0.0096	U		<0 0075	U		<0.0075	U		<0.0075	U		0 0032	J		<0.005	U		<0.005	U	
		VMP-24-5-102517	10/25/2017	<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-24-5-012418	1/24/2018	0.00074	J		<0.0087	U		<0 0068	U		<0.0068	U		<0.0068	U		0.003	J		<0.0046	U		<0 0046	U	
		VMP-24-5-042518	4/25/2018	<0.0042	U		<0.0095	U		<0 0074	U		<0.0074	U		<0.0074	U		0 0028	J		<0.005	U		<0.005	U	
	10 ft	VMP-24-10-072117	7/21/2017	<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-24-10-102517	10/25/2017	<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-24-10-012418	1/24/2018	<0.0038	U		0.001	J		<0 0066	U		<0.0066	U		<0.0066	U		0.004	J		<0.0044	U		<0 0044	U	
		VMP-24-10-042518	4/25/2018	<0.0041	U		<0.0091	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0024	J		<0.0048	U		<0 0048	U	
	22 ft	VMP-24-22-072117	7/21/2017	<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-24-22-102517	10/25/2017	<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-24-22-013118	1/31/2018	<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-24-22-042518	4/25/2018	<0.0039	U		<0.0088	U		<0 0069	U		<0.0069	U		0.00085	J		0.003	J		<0.0046	U		<0 0046	U	
	34 ft	VMP-24-34-072117	7/21/2017	<0.0041	U		<0.0092	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0024	J		<0.0048	U		<0 0048	U	
		VMP-24-34-072117-DUP	7/21/2017	<0.0042	U		<0.0093	U		<0 0073	U		<0.0073	U		<0.0073	U		0 0033	J		<0.0049	U		<0 0049	U	
		VMP-24-34-102517	10/25/2017	<0.004	U		<0.0089	U		<0 0069	U		<0.0069	U		<0.0069	U		0 0025	J		<0.0047	U		<0 0047	U	
		VMP-24-34-012418	1/24/2018	<0.0036	U		<0.0081	U		<0 0064	U		<0.0064	U		<0.0064	U		0 0039	J		<0.0043	U		<0 0043	U	
		VMP-24-34-042518	4/25/2018	0.00089	J		<0.0095	U		<0 0074	U		<0.0074	U		<0.0074	U		0 0025	J		<0.005	U		<0.005	U	
		VMP-24-34-042518-DUP	4/25/2018	<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-32	5 ft	VMP-32-5-072417	7/24/2017	<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-32-5-103117	10/31/2017	<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-32-5-012918	1/29/2018	<0.0037	U		<0.0083	U		<0 0065	U		<0.0065	U		<0.0065	U		0.003	J		<0.0044	U		<0 0044	U	
		VMP-32-5-032818	3/28/2018	<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-32-5-041018	4/10/2018	<0.0038	U		<0.0084	U		<0 0066	U		<0.0066	U		<0.0066	U		0 0026	J		<0.0044	U		<0 0044	U	
	10 ft	VMP-32-10-072417	7/24/2017	<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-32-10-103117	10/31/2017	<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-32-10-012918	1/29/2018	<0.0037	U		<0.0083	U		<0 0065	U		<0.0065	U		<0.0065	U		0.003	J		<0.0044	U		<0 0044	U	
		VMP-32-10-032818	3/28/2018	<0.0043	U		<0.0096	U		<0 0075	U		<0.0075	U		<0.0075	U		0 0022	J		<0.005	U		<0.005	U	
		VMP-32-10-041018	4/10/2018	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0 007	U		0 0022	J		<0.0047	U		<0 0047	U	
	20 ft	VMP-32-20-072417	7/24/2017	<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-32-20-103117	10/31/2017	<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-32-20-012918	1/29/2018	<0.0035	U		<0.0078	U		<0 0061	U		<0.0061	U		<0.0061	U		0 0027	J		<0.0041	U		<0 0041	U	
		VMP-32-20-032818	3/28/2018	<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-32-20-041018	4/10/2018	<0.0039	U		<0.0087	U		<0 0068	U		<0.0068	U		<0.0068	U		0 0027	J		<0.0046	U		<0 0046	U	
	30 ft	VMP-32-30-072417	7/24/2017	0 0044			<0.0095	U		<0 0074	U		<0.0074	U		<0.0074	U		0 0029	J		<0.005	U		<0.005	U	
		VMP-32-30-072417-DUP	7/24/2017	<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-32-30-103117	10/31/2017	<0.0077	U		<0.017	U		<0.013	U		<0.013	U		<0 013	U		<0.011	U		<0.0091	U		<0 0091	U	
		VMP-32-30-012918	1/29/2018	<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-32-30-032818	3/28/2018	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0 007	U		0 0022	J		<0.0047	U		<0 0047	U	
		VMP-32-30-041018	4/10/2018	<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-32-30-041018-DUP	4/10/2018	0.001	J		<0.0081	U		<0 0063	U		<0.0063	U		<0.0063	U		0 0025	J		<0.0042	U		<0 0042	U	
VMP-42	10 ft	VMP-42-10-072017	7/20/2017	<0.0041	U		<0.0092	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0019	J		<0.0048	U		<0 0048	U	
		VMP-42-10-110117	11/1/2017	<0.0035	U		<0.0079	U		<0 0062	U		<0.0062	U		<0.0062	U		0 0021	J		<0.0041	U		<0 0041	U	
		VMP-42-10-012318	1/23/2018	<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-42-10-041918	4/19/2018	<0.0038	U		<0.0085	U		<0 0067	U		<0.0067	U		<0.0067	U		0 0031	J		<0.0045	U		<0 0045	U	
	20 ft	VMP-42-20-072017	7/20/2017	<0.0039	U		<0.0088	U		<0 0069	U		<0.0069	U		<0.0069	U		0.002	J		<0.0046	U		<0 0046	U	
		VMP-42-20-110117	11/1/2017	<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-42-20-012318	1/23/2018	<0.0039	U		<0.0088	U		<0 0069	U		<0.0069	U		<0.0069	U		0 0033	J		<0.0046	U		<0 0046	U	
		VMP-42-20-041918	4/19/2018	<0.0037	U		<0.0083	U		<0 0065	U		<0.0065	U		<0.0065	U		0 0026	J		<0.0044	U		<0 0044	U	
	30 ft	VMP-42-30-072017	7/20/2017	<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-42-30-110117	11/1/2017	<0.0038	U		<0.0086	U		<0 0067	U		<0.0067	U		<0.0067	U		0 0013	J		<0.0045	U		<0 0045	U	
		VMP-42-30-110117-DUP	11/1/2017	0 0016	J		<0.0082	U		<0 0064	U		<0.0064	U		<0.0064	U		0 0025	J		<0.0043	U		<0 0043	U	
		VMP-42-30-012318	1/23/2018	<0.0034	U		<0.0077	U		<0.006	U		<0.006	U		<0 006	U		0 0034	J		<0.0041	U		<0 0041	U	
		VMP-42-30-041918	4/19/2018	<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-43	10 ft	VMP-43-10-072417	7/24/2017	<0.0044	U		<0.0097	U		<0 0076	U		<0.0076	U		<0.0076	U		0 0026	J		<0.0051	U		<0 0051	U	
		VMP-43-10-102717	10/27/2017	<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-43-10-012618	1/26/2018	<0.0037	U		<0.0082	U		<0 0064	U		<0.0064	U		<0.0064	U		0.003	J		<0.0043	U		<0 0043	U	
		VMP-43-10-041218	4/12/2018	<0.0041	U		<0.0092	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0024	J		<0.0049	U		<0 0049	U	
	20 ft	VMP-43-20-072417	7/24/2017	<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-43-20-102717	10/27/2017	<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-43-20-012618	1/26/2018	<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-43-20-041218	4/12/2018	<0.0039	U		<0.0086	U		<0 0068	U		<0.0068	U		<0.0068	U		0 0026	J		<0.0046	U		<0 0046	U	
	30 ft	VMP-43-30-072417	7/24/2017	<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-43-30-102717	10/27/2017	<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-43-30-012618	1/26/2018	<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-43-30-041218	4/12/2018	<0.0041	U		<0.0091	U		<0 0071	U		<0.0071	U		<0.0071	U		0 0029	J		<0.0048	U		<0 0048	U	
		VMP-43-30-041218-DUP	4/12/2018	<0.0041	U		<0.0092	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0024	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-44	10 ft	VMP-44-10-072517	7/25/2017	<0.0044	U		<0.0097	U		<0 0076	U		<0.0076	U		<0.0076	U		0 0022	J		<0.0051	U		<0 0051	U	
		VMP-44-10-102517	10/25/2017	<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-44-10-012518	1/25/2018	0.00088	J		<0.0089	U		<0 0069	U		<0.0069	U		<0.0069	U		0 0036	J		<0.0047	U		<0 0047	U	
		VMP-44-10-042318	4/23/2018	<0.0042	U		<0.0093	U		<0 0073	U		<0.0073	U		<0.0073	J	U	0 0028	J		<0.0049	U		<0 0049	U	
	20 ft	VMP-44-20-072517	7/25/2017	0 0015	J		<0.01	U		<0 0078	U		<0.0078	U		<0.0078	U		0 0018	J		<0.0052	U		<0 0052	U	
		VMP-44-20-102517	10/25/2017	<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-44-20-012518	1/25/2018	<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-44-20-042718	4/27/2018	<0.0042	U		<0.0093	U		<0 0073	U		<0.0073	U		<0.0073	U		0 0036	J		<0.0049	U		<0 0049	U	
	30 ft	VMP-44-30-072517	7/25/2017	<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-44-30-102517	10/25/2017	<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-44-30-102517-DUP	10/25/2017	<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-44-30-012518	1/25/2018	<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-44-30-012518-DUP	1/25/2018	<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-44-30-052118	5/21/2018	<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-45	10 ft	VMP-45-10-072517	7/25/2017	<0.0043	U		<0.0097	U		<0 0076	U		<0.0076	U		<0.0076	U		0 0029	J		<0.0051	U		<0 0051	U	
		VMP-45-10-103117	10/31/2017	0.00057	J		<0.0084	U		<0 0066	U		<0.0066	U		<0.0066	U		0 0027	J		<0.0044	U		<0 0044	U	
		VMP-45-10-012418	1/24/2018	<0.0037	U		<0.0083	U		<0 0065	U		<0.0065	U		<0.0065	U		0 0033	J		<0.0044	U		<0 0044	U	
		VMP-45-10-041818	4/18/2018	<0.004	U		<0.0089	U		<0 0069	U		<0.0069	U		<0.0069	U		0 0027	J		<0.0047	U		<0 0047	U	
	20 ft	VMP-45-20-072517	7/25/2017	<0.0043	U		<0.0096	U		<0 0075	U		<0.0075	U		<0.0075	U		0 0034	J		<0.005	U		<0.005	U	
		VMP-45-20-103117	10/31/2017	<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-45-20-012418	1/24/2018	<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-45-20-041818	4/18/2018	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0 007	U		0 0025	J		<0.0047	U		<0 0047	U	
	30 ft	VMP-45-30-072517	7/25/2017	<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-45-30-103117	10/31/2017	<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-45-30-012418	1/24/2018	<0.0039	U		<0.0088	U		<0 0069	U		<0.0069	U		<0.0069	U		0 0039	J		<0.0046	U		<0 0046	U	
		VMP-45-30-041818	4/18/2018	<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-47	5 ft	VMP-47-5-072417	7/24/2017	<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-47-5-102617	10/26/2017	<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-47-5-012618	1/26/2018	<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-47-5-042718	4/27/2018	<0.0042	U		<0.0095	U		<0 0074	U		<0.0074	U		<0.0074	U		0 0028	J		<0.005	U		<0.005	U	
	10 ft	VMP-47-10-072417	7/24/2017	<0.0041	U		<0.0091	U		<0 0071	U		<0.0071	U		<0.0071	U		0 0038	J		<0.0048	U		<0 0048	U	
		VMP-47-10-102617	10/26/2017	<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-47-10-012618	1/26/2018	<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-47-10-042718	4/27/2018	<0.0042	U		<0.0093	U		<0 0073	U		<0.0073	U		<0.0073	U		0 0029	J		<0.0049	U		<0 0049	U	
	20 ft	VMP-47-20-072417	7/24/2017	<0.0041	U		<0.0092	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0027	J		<0.0048	U		<0 0048	U	
		VMP-47-20-102617	10/26/2017	<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-47-20-012618	1/26/2018	<0.0041	U		<0.0091	U		<0 0071	U		<0.0071	U		<0.0071	U		0 0026	J		<0.0048	U		<0 0048	U	
		VMP-47-20-012618-DUP	1/26/2018	<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-47-20-042718	4/27/2018	<0.0042	U		<0.0093	U		<0 0073	U		<0.0073	U		<0.0073	U		0 0028	J		<0.0049	U		<0 0049	U	
	30 ft	VMP-47-30-072417	7/24/2017	<0.0043	U		<0.0096	U		<0 0075	U		<0.0075	U		<0.0075	U		0 0034	J		<0.005	U		<0.005	U	
		VMP-47-30-102617	10/26/2017	<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-47-30-012618	1/26/2018	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0 007	U		0 0032	J		<0.0047	U		<0 0047	U	
		VMP-47-30-042718	4/27/2018	<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-47-30-042718-DUP	4/27/2018	<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-48	5 ft	VMP-48-5-072117	7/21/2017	<0.0041	U		<0.0092	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0024	J		<0.0049	U		<0 0049	U	
		VMP-48-5-103117	10/31/2017	<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-48-5-012618	1/26/2018	<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-48-5-042718	4/27/2018	<0.011	U		<0.025	U		<0.019	U		<0.019	U		<0 019	U		<0.016	U		<0.013	U		<0.013	U	
	10 ft	VMP-48-10-072117	7/21/2017	<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-48-10-103117	10/31/2017	<0.0038	U		<0.0085	U		<0 0066	U		<0.0066	U		<0.0066	U		0 0021	J		<0.0045	U		<0 0045	U	
		VMP-48-10-012618	1/26/2018	<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-48-10-042718	4/27/2018	<0.0042	U		<0.0095	U		<0 0074	U		<0.0074	U		<0.0074	U		0 0029	J		<0.005	U		<0.005	U	
	20 ft	VMP-48-20-072117	7/21/2017	<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-48-20-103117	10/31/2017	<0.0036	U		<0.0081	U		<0 0064	U		<0.0064	U		<0.0064	U		0 0024	J		<0.0043	U		<0 0043	U	
		VMP-48-20-012618	1/26/2018	<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-48-20-042718	4/27/2018	<0.0043	U		<0.0097	U		<0 0076	U		<0.0076	U		<0.0076	U		0 0037	J		<0.0051	U		<0 0051	U	
	30 ft	VMP-48-30-072117	7/21/2017	<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-48-30-103117	10/31/2017	<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-48-30-103117-DUP	10/31/2017	<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-48-30-012618	1/26/2018	<0.0038	U		<0.0086	U		<0 0067	U		<0.0067	U		<0.0067	U		0 0025	J		<0.0045	U		<0 0045	U	
		VMP-48-30-042718	4/27/2018	<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-48-30-042718-DUP	4/27/2018	<0.0044	U		<0.0099	U		<0 0078	U		<0.0078	U		<0.0078	U		0 0033	J		<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	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-49-5-072617	7/26/2017	<0.0042	U		<0.0093	U		<0 0073	U		<0.0073	U		0.07			0 0026	J		<0.0049	U		<0 0049	U	
		VMP-49-5-102717	10/27/2017	<0.0039	U		<0.0087	U		<0 0068	U		<0.0068	U		0 018			0 0031	J		<0.0046	U		<0 0046	U	
		VMP-49-5-012618	1/26/2018	<0.0039	U		<0.0088	U		<0 0069	U		<0.0069	U		0.0073			0 0026	J		<0.0046	U		<0 0046	U	
		VMP-49-5-041918	4/19/2018	<0.0041	U		<0.0092	U		<0 0072	U		<0.0072	U		0.0028	J		0 0033	J		<0.0049	U		<0 0049	U	
	10 ft	VMP-49-10-072617	7/26/2017	<0.0043	U		<0.0097	U		<0 0076	U		<0.0076	U		<0.0076	U		0.003	J		<0.0051	U		<0 0051	U	
		VMP-49-10-102717	10/27/2017	<0.004	U		<0.0088	U		<0 0069	U		<0.0069	U		<0.0069	U		0 0028	J		<0.0046	U		<0 0046	U	
		VMP-49-10-012618	1/26/2018	<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-49-10-041918	4/19/2018	<0.0041	U		<0.0091	U		<0 0071	U		<0.0071	U		<0.0071	U		0 0029	J		<0.0048	U		<0 0048	U	
	20 ft	VMP-49-20-072617	7/26/2017	<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-49-20-102717	10/27/2017	<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-49-20-012618	1/26/2018	<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-49-20-041918	4/19/2018	<0.0038	U		<0.0084	U		<0 0066	U		<0.0066	U		<0.0066	U		0 0032	J		<0.0044	U		<0 0044	U	
	30 ft	VMP-49-30-072617	7/26/2017	<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-49-30-072617-DUP	7/26/2017	<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-49-30-102717	10/27/2017	<0.0039	U		<0.0088	U		<0 0069	U		<0.0069	U		<0.0069	U		0 0026	J		<0.0046	U		<0 0046	U	
		VMP-49-30-012618	1/26/2018	<0.0041	U		<0.0091	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0029	J		<0.0048	U		<0 0048	U	
		VMP-49-30-042718	4/27/2018	<0.0043	U		<0.0097	U		<0 0076	U		<0.0076	U		<0.0076	U		0.022			<0.0051	U		<0 0051	U	
VMP-50	5 ft	VMP-50-5-072617	7/26/2017	<0.0044	U		<0.0097	U		<0 0076	U		<0.0076	U		<0.0076	J	U	0 0022	J		<0.0051	U		<0 0051	U	
		VMP-50-5-110117	11/1/2017	<0.0038	U		<0.0085	U		<0 0067	U		<0.0067	U		<0.0067	U		0 0019	J		<0.0045	U		<0 0045	U	
		VMP-50-5-013118	1/31/2018	<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-50-5-032918	3/29/2018	<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-50-5-041018	4/10/2018	0.057	J		<0.21	U		<0.16	U		<0.16	U		<0.16	U		<0.13	U		<0.11	U		<0.11	U	
	10 ft	VMP-50-10-072617	7/26/2017	<0.0043	U		<0.0097	U		<0 0076	U		<0.0076	U		<0.0076	U		0 0026	J		<0.0051	U		<0 0051	U	
		VMP-50-10-110117	11/1/2017	<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-50-10-013118	1/31/2018	<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-50-10-032918	3/29/2018	<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-50-10-041018	4/10/2018	<0.013	U		<0.029	U		<0.023	U		<0.023	U		<0 023	U		0 0034	J		<0.015	U		<0.015	U	
	20 ft	VMP-50-20-072617	7/26/2017	<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-50-20-110117	11/1/2017	<0.0037	U		<0.0082	U		<0 0064	U		<0.0064	U		<0.0064	U		0 0021	J		<0.0043	U		<0 0043	U	
		VMP-50-20-013118	1/31/2018	0.87			<0.036	U		<0.028	U		<0.028	U		<0 028	U		<0.023	U		<0.019	U		<0.019	U	
		VMP-50-20-013118-DUP	1/31/2018	1			<0.036	U		<0.028	U		<0.028	U		<0 028	U		<0.023	U		<0.019	U		<0.019	U	
		VMP-50-20-032918	3/29/2018	<0.0038	U		<0.0086	U		<0 0067	U		0 00098	J		0.0014	J		0 0031	J		<0.0045	U		<0 0045	U	
		VMP-50-20-041018	4/10/2018	14			<0.87	U		<0.68	U		<0 68	U		<0.68	U		<0.56	U		<0.46	U		<0.46	U	
		VMP-50-20-041018-DUP	4/10/2018	14			<0.88	U		<0.69	U		<0 69	U		<0.69	U		<0.57	U		<0.46	U		<0.46	U	
	30 ft	VMP-50-30-072617	7/26/2017	5			<0.13	U		<0.099	U		<0.099	U		<0 099	U		<0.081	U		<0.066	U		<0.066	U	
		VMP-50-30-110117	11/1/2017	7.3			<0.085	U		<0.067	U		<0.067	U		<0 067	U		<0.055	U		<0.045	U		<0.045	U	
		VMP-50-30-110117-DUP	11/1/2017	7.7			<0.083	U		<0.065	U		<0.065	U		<0 065	U		<0.054	U		<0.044	U		<0.044	U	
		VMP-50-30-013118	1/31/2018	7.7			<0.087	U		<0.068	U		<0.068	U		<0 068	U		<0.056	U		<0.046	U		<0.046	U	
		VMP-50-30-032918	3/29/2018	4.5			<0.12	U		<0.093	U		<0.093	U		<0 093	U		<0.077	U		<0.063	U		<0.063	U	
		VMP-50-30-032918-DUP	3/29/2018	4.6			<0.11	U		<0.088	U		<0.088	U		<0 088	U		<0.072	U		<0.059	U		<0.059	U	
		VMP-50-30-041018	4/10/2018	11			<1.8	U		<1.4	U		<1.4	U		<1.4	U		<1.1	U		<0.94	U		<0.94	U	
VMP-51	5 ft	VMP-51-5-072017	7/20/2017	<0.0044	U		<0.0098	U		<0 0076	U		<0.0076	U		<0.0076	U		0 0015	J		<0.0051	U		<0 0051	U	
		VMP-51-5-103017	10/30/2017	<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-51-5-012318	1/23/2018	<0.0038	U		<0.0086	U		<0 0067	U		<0.0067	U		<0.0067	U		0 0032	J		<0.0045	U		<0 0045	U	
		VMP-51-5-041618	4/16/2018	<0.0038	U		<0.0084	U		<0 0066	U		<0.0066	U		<0.0066	U		0.003	J		<0.0044	U		<0 0044	U	
	10 ft	VMP-51-10-072017	7/20/2017	<0.0039	U		<0.0088	U		<0 0069	U		<0.0069	U		<0.0069	U		0.002	J		<0.0046	U		<0 0046	U	
		VMP-51-10-103017	10/30/2017	<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-51-10-012318	1/23/2018	<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-51-10-041618	4/16/2018	<0.0036	U		<0.008	U		<0 0063	U		<0.0063	U		<0.0063	U		0 0028	J		<0.0042	U		<0 0042	U	
	20 ft	VMP-51-20-072017	7/20/2017	<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-51-20-103017	10/30/2017	<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-51-20-012318	1/23/2018	<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-51-20-012318-DUP	1/23/2018	<0.0037	U		<0.0082	U		<0 0064	U		<0.0064	U		<0.0064	U		0 0037	J		<0.0043	U		<0 0043	U	
		VMP-51-20-041618	4/16/2018	<0.0036	U		<0.0081	U		<0 0063	U		<0.0063	U		<0.0063	U		0 0075			<0.0043	U		<0 0043	U	
	30 ft	VMP-51-30-072017	7/20/2017	<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-51-30-103017	10/30/2017	<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-51-30-012318	1/23/2018	<0.0048	U		<0.011	U		<0 0083	U		<0.0083	U		<0.0083	U		0 0034	J		<0.0056	U		<0 0056	U	
		VMP-51-30-041618	4/16/2018	<0.0039	U		<0.0088	U		<0 0069	U		<0.0069	U		<0.0069	U		0.014			<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	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-52-5-072117	7/21/2017	<0.0043	U		<0.0096	U		<0 0075	U		<0.0075	U		<0.0075	U		0 0032	J		<0.0051	U		<0 0051	U	
		VMP-52-5-102517	10/25/2017	<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-52-5-012418	1/24/2018	<0.0038	U		<0.0084	U		<0 0066	U		<0.0066	U		<0.0066	U		0 0035	J		<0.0044	U		<0 0044	U	
		VMP-52-5-042618	4/26/2018	<0.0044	U		<0.0099	U		<0 0078	U		<0.0078	U		<0.0078	U		0.003	J		<0.0052	U		<0 0052	U	
	10 ft	VMP-52-10-072117	7/21/2017	<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-52-10-102517	10/25/2017	<0.0038	U		<0.0086	U		<0 0067	U		<0.0067	U		<0.0067	U		0.002	J		<0.0045	U		<0 0045	U	
		VMP-52-10-012418	1/24/2018	0 0012	J		<0.009	U		<0.007	U		<0.007	U		<0 007	U		0 0034	J		<0.0047	U		<0 0047	U	
		VMP-52-10-042618	4/26/2018	<0.0044	U		<0.0099	U		<0 0078	U		<0.0078	U		<0.0078	U		0 0037	J		<0.0052	U		<0 0052	U	
	20 ft	VMP-52-20-072117	7/21/2017	<0.0043	U		<0.0096	U		<0 0075	U		<0.0075	U		<0.0075	U		0 0034	J		<0.005	U		<0.005	U	
		VMP-52-20-102517	10/25/2017	<0.0038	U		<0.0086	U		<0 0067	U		<0.0067	U		<0.0067	U		0 0021	J		<0.0045	U		<0 0045	U	
		VMP-52-20-012418	1/24/2018	0 0011	J		<0.0086	U		<0 0067	U		<0.0067	U		<0.0067	U		0.004	J		<0.0045	U		<0 0045	U	
		VMP-52-20-012418-DUP	1/24/2018	0 0011	J		<0.0083	U		<0 0065	U		<0.0065	U		<0.0065	U		0 0034	J		<0.0044	U		<0 0044	U	
		VMP-52-20-042618	4/26/2018	<0.0042	U		<0.0095	U		<0 0074	U		<0.0074	U		<0.0074	U		0 0031	J		<0.005	U		<0.005	U	
	30 ft	VMP-52-30-072117	7/21/2017	<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-52-30-102517	10/25/2017	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0 007	U		0 0022	J		<0.0047	U		<0 0047	U	
		VMP-52-30-102517-DUP	10/25/2017	<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-52-30-012418	1/24/2018	<0.0036	U		<0.008	U		<0 0062	U		<0.0062	U		<0.0062	U		0 0045	J		<0.0042	U		<0 0042	U	
		VMP-52-30-042618	4/26/2018	<0.0046	U		<0.01	U		<0 0081	U		<0.0081	U		<0.0081	U		0 0032	J		<0.0054	U		<0 0054	U	
VMP-53	5 ft	VMP-53-5-071917	7/19/2017	<0.0042	U		<0.0094	U		<0 0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U	
		VMP-53-5-110117	11/1/2017	<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-53-5-012218	1/22/2018	<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-53-5-032918	3/29/2018	<0.0041	U		<0.0092	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0028	J		<0.0049	U		<0 0049	U	
		VMP-53-5-041018	4/10/2018	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0 007	U		0 0027	J		<0.0047	U		<0 0047	U	
	10 ft	VMP-53-10-071917	7/19/2017	<0.0042	U		<0.0093	U		<0 0073	U		<0.0073	U		<0.0073	U		0.002	J		<0.0049	U		<0 0049	U	
		VMP-53-10-110117	11/1/2017	<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-53-10-012218	1/22/2018	<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-53-10-032918	3/29/2018	<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-53-10-041018	4/10/2018	<0.004	U		<0.0088	U		<0 0069	U		<0.0069	U		<0.0069	U		0 0025	J		<0.0046	U		<0 0046	U	
	20 ft	VMP-53-20-071917	7/19/2017	<0.0042	U		<0.0094	U		<0 0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U	
		VMP-53-20-110117	11/1/2017	<0.0038	U		<0.0086	U		<0 0067	U		<0.0067	U		<0.0067	U		0 0018	J		<0.0045	U		<0 0045	U	
		VMP-53-20-012218	1/22/2018	<0.004	U		<0.009	U		<0 0071	U		<0.0071	U		<0.0071	U		0 0021	J		<0.0048	U		<0 0048	U	
		VMP-53-20-012218-DUP	1/22/2018	0.00071	J		<0.0092	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0022	J		<0.0049	U		<0 0049	U	
		VMP-53-20-032918	3/29/2018	<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-53-20-041018	4/10/2018	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0 007	U		0 0024	J		<0.0047	U		<0 0047	U	
	30 ft	VMP-53-30-071917	7/19/2017	<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-53-30-071917-DUP	7/19/2017	<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-53-30-110117	11/1/2017	<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-53-30-012218	1/22/2018	<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-53-30-032918	3/29/2018	<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-53-30-041018	4/10/2018	<0.0037	U		<0.0083	U		<0 0065	U		<0.0065	U		<0.0065	U		0 0022	J		<0.0044	U		<0 0044	U	
VMP-54	5 ft	VMP-54-5-071917	7/19/2017	<0.0042	U		<0.0094	U		<0 0073	U		<0.0073	U		<0.0073	U		0 0025	J		<0.0049	U		<0 0049	U	
		VMP-54-5-102617	10/26/2017	<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-54-5-012218	1/22/2018	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0 007	U		0 0023	J		<0.0047	U		<0 0047	U	
		VMP-54-5-041818	4/18/2018	<0.0042	U		<0.0093	U		<0 0073	U		<0.0073	U		<0.0073	U		0 0029	J		<0.0049	U		<0 0049	U	
	10 ft	VMP-54-10-071917	7/19/2017	<0.0043	U		<0.0096	U		<0 0075	U		<0.0075	U		<0.0075	U		<0.0062	U		<0.005	U		<0.005	U	
		VMP-54-10-102617	10/26/2017	<0.0038	U		<0.0086	U		<0 0067	U		<0.0067	U		<0.0067	U		<0.0055	U		<0.0045	U		<0 0045	U	
		VMP-54-10-012218	1/22/2018	<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-54-10-041818	4/18/2018	<0.0041	U		<0.0092	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0026	J		<0.0048	U		<0 0048	U	
	20 ft	VMP-54-20-071917	7/19/2017	<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-54-20-102617	10/26/2017	<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-54-20-012218	1/22/2018	<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-54-20-041818	4/18/2018	<0.004	U		<0.0089	U		<0 0069	U		<0.0069	U		<0.0069	U		0 0032	J		<0.0047	U		<0 0047	U	
	30 ft	VMP-54-30-071917	7/19/2017	<0.0045	U		<0.01	U		<0 0079	U		<0.0079	U		<0.0079	U		0 0028	J		<0.0053	U		<0 0053	U	
		VMP-54-30-102617	10/26/2017	<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-54-30-102617-DUP	10/26/2017	<0.0038	U		<0.0086	U		<0 0067	U		<0.0067	U		<0.0067	U		0 0025	J		<0.0045	U		<0 0045	U	
		VMP-54-30-012218	1/22/2018	<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-54-30-041818	4/18/2018	<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-56	10 ft	VMP-56-10-072117	7/21/2017	<0.0044	U		<0.01	U		<0 0078	U		<0.0078	U		<0.0078	U		0 0022	J		<0.0052	U		<0 0052	U	
		VMP-56-10-102717	10/27/2017	<0.004	U		<0.0089	U		<0 0069	U		<0.0069	U		<0.0069	U		0 0028	J		<0.0047	U		<0 0047	U	
		VMP-56-10-012918	1/29/2018	<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-56-10-050118	5/1/2018	<0.0043	U		<0.0096	U		<0 0075	U		<0.0075	U		<0.0075	U		0 0034	J		<0.005	U		<0.005	U	
	25 ft	VMP-56-25-072117	7/21/2017	<0.0043	U		<0.0096	U		<0 0075	U		<0.0075	U		<0.0075	U		0 0032	J		<0.0051	U		<0 0051	U	
		VMP-56-25-102717	10/27/2017	<0.0039	U		<0.0087	U		<0 0068	U		<0.0068	U		<0.0068	U		0 0027	J		<0.0046	U		<0 0046	U	
		VMP-56-25-012918	1/29/2018	<0.0039	U		<0.0086	U		<0 0068	U		<0.0068	U		<0.0068	U		0 0031	J		<0.0046	U		<0 0046	U	
		VMP-56-25-050118	5/1/2018	<0.0041	U		<0.0092	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0028	J		<0.0049	U		<0 0049	U	
	38.5 ft	VMP-56-38.5-050118	5/1/2018	810			<37	U		<29	U		<29	U		<29	U		<24	U		<20	U		<20	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-62-5-072517	7/25/2017	0 0057			<0.0082	U		<0 0064	U		<0.0064	U		<0.0064	U		0 0031	J		<0.0043	U		<0 0043	U	
		VMP-62-5-083017	8/30/2017	<0.0042	U		<0.0095	U		<0 0074	U		<0.0074	U		<0.0074	U		0.003	J		<0.005	U		<0.005	U	
		VMP-62-5-110317	11/3/2017	0.026			<0.0086	U		<0 0067	U		<0.0067	U		<0.0067	U		0 0028	J		<0.0045	U		<0 0045	U	
		VMP-62-5-012918	1/29/2018	<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-62-5-032818	3/28/2018	<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-62-5-041018	4/10/2018	<0.0038	U		<0.0086	U		<0 0067	U		<0.0067	U		<0.0067	U		0 0022	J		<0.0045	U		<0 0045	U	
	10 ft	VMP-62-10-072517	7/25/2017	<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-62-10-110317	11/3/2017	<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-62-10-012918	1/29/2018	<0.0037	U		<0.0082	U		<0 0064	U		<0.0064	U		<0.0064	U		0 0034	J		<0.0043	U		<0 0043	U	
		VMP-62-10-032818	3/28/2018	<0.0037	U		<0.0083	U		<0 0065	U		<0.0065	U		<0.0065	U		0 0022	J		<0.0044	U		<0 0044	U	
		VMP-62-10-041018	4/10/2018	<0.0038	U		<0.0085	U		<0 0066	U		<0.0066	U		<0.0066	U		0 0029	J		<0.0045	U		<0 0045	U	
	20 ft	VMP-62-20-072517	7/25/2017	<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-62-20-110317	11/3/2017	<0.0038	U		<0.0086	U		<0 0067	U		<0.0067	U		<0.0067	U		0 0025	J		<0.0045	U		<0 0045	U	
		VMP-62-20-012918	1/29/2018	<0.0036	U		<0.008	U		<0 0063	U		<0.0063	U		<0.0063	U		0 0029	J		<0.0042	U		<0 0042	U	
		VMP-62-20-032818	3/28/2018	<0.0041	U		<0.0092	U		<0 0072	U		<0.0072	U		<0.0072	U		0.003	J		<0.0048	U		<0 0048	U	
	30 ft	VMP-62-30-072517	7/25/2017	<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-62-30-072517-DUP	7/25/2017	<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-62-30-110317	11/3/2017	<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-62-30-110317-DUP	11/3/2017	<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-62-30-012918	1/29/2018	<0.0036	U		<0.008	U		<0 0062	U		<0.0062	U		<0.0062	U		0 0031	J		<0.0042	U		<0 0042	U	
		VMP-62-30-012918-DUP	1/29/2018	<0.0037	U		<0.0082	U		<0 0064	U		<0.0064	U		<0.0064	U		0.003	J		<0.0043	U		<0 0043	U	
		VMP-62-30-032818	3/28/2018	0 0022	J		<0.0083	U		<0 0065	U		<0.0065	U		<0.0065	U		0 0023	J		<0.0044	U		<0 0044	U	
		VMP-62-30-032818-DUP	3/28/2018	0 0012	J		<0.0082	U		<0 0064	U		<0.0064	U		<0.0064	U		0 0024	J		<0.0043	U		<0 0043	U	
		VMP-62-30-041018	4/10/2018	<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 ft	VMP-63-5-072517	7/25/2017	<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-63-5-110117	11/1/2017	<0.0038	U		<0.0085	U		<0 0067	U		<0.0067	U		<0.0067	U		0 0021	J		<0.0045	U		<0 0045	U	
		VMP-63-5-012618	1/26/2018	<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-63-5-041918	4/19/2018	<0.0036	U		<0.0081	U		<0 0064	U		<0.0064	U		<0.0064	J	U	0 0027	J		<0.0043	U		<0 0043	U	
	10 ft	VMP-63-10-072517	7/25/2017	<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-63-10-110117	11/1/2017	<0.0038	U		<0.0085	U		<0 0067	U		<0.0067	U		<0.0067	U		0.002	J		<0.0045	U		<0 0045	U	
		VMP-63-10-012618	1/26/2018	<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-63-10-041918	4/19/2018	<0.0038	U		<0.0084	U		<0 0066	U		<0.0066	U		<0.0066	U		0.003	J		<0.0044	U		<0 0044	U	
	20 ft	VMP-63-20-072517	7/25/2017	<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-63-20-110117	11/1/2017	<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-63-20-012618	1/26/2018	<0.0039	U		<0.0088	U		<0 0069	U		<0.0069	U		<0.0069	U		0 0026	J		<0.0046	U		<0 0046	U	
		VMP-63-20-041918	4/19/2018	<0.0038	U		<0.0086	U		<0 0067	U		<0.0067	U		<0.0067	U		0 0027	J		<0.0045	U		<0 0045	U	
	30 ft	VMP-63-30-072517	7/25/2017	<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-63-30-110117	11/1/2017	<0.0038	U		<0.0085	U		<0 0067	U		<0.0067	U		<0.0067	U		0.002	J		<0.0045	U		<0 0045	U	
		VMP-63-30-012618	1/26/2018	<0.0039	U		<0.0088	U		<0 0069	U		<0.0069	U		<0.0069	U		0 0026	J		<0.0046	U		<0 0046	U	
		VMP-63-30-012618-DUP	1/26/2018	<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-63-30-041918	4/19/2018	<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-63-30-041918-DUP	4/19/2018	<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-64	5 ft	VMP-64-5-072517	7/25/2017	<0.008	U		<0.018	U		<0.014	U		<0.014	U		<0 014	U		0 0021	J		<0.0094	U		<0 0094	U	
		VMP-64-5-110317	11/3/2017	<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-64-5-012218	1/22/2018	<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-64-5-041218	4/12/2018	<0.0043	U		<0.0095	U		<0 0074	U		<0.0074	U		<0.0074	U		0 0027	J		<0.005	U		<0.005	U	
	10 ft	VMP-64-10-072517	7/25/2017	<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-64-10-110317	11/3/2017	<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-64-10-012218	1/22/2018	<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-64-10-041218	4/12/2018	<0.0042	U		<0.0094	U		<0 0073	U		<0.0073	U		<0.0073	U		0 0023	J		<0.0049	U		<0 0049	U	
	20 ft	VMP-64-20-072517	7/25/2017	<0.0043	U		<0.0097	U		<0 0076	U		<0.0076	U		<0.0076	U		0 0027	J		<0.0051	U		<0 0051	U	
		VMP-64-20-110317	11/3/2017	<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-64-20-012218	1/22/2018	<0.0041	U		<0.0092	U		<0 0072	U		<0.0072	U		<0.0072	U		0 0019	J		<0.0049	U		<0 0049	U	
		VMP-64-20-041218	4/12/2018	<0.0041	U		<0.0092	U		<0 0072	U		<0.0072	U		<0.0072	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	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-1-5-072417	7/24/2017	<0.0049	U		<0.0049	U		<0 0049	U		0.008	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-1-5-102617	10/26/2017	<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-1-5-012618	1/26/2018	<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-1-5-042718	4/27/2018	<0.0049	U		<0.0049	U		<0 0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	8.5 ft	VMP-1-8.5-072417	7/24/2017	<0.0049	U		<0.0049	U		<0 0049	U		0.0031	J		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-1-8.5-102617	10/26/2017	<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-1-8.5-012418	1/24/2018	<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-1-8.5-042718	4/27/2018	<0.0048	U		<0.0048	U		<0 0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	23.5 ft	VMP-1-23.5-072417	7/24/2017	<0.0047	U		<0.0047	U		<0 0047	U		0.044			<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-1-23.5-102617	10/26/2017	<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-1-23.5-012618	1/26/2018	<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-1-23.5-042718	4/27/2018	<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	5 ft	VMP-2-5-072417	7/24/2017	<0.0049	U		<0.0049	U		<0 0049	U		0.018	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-2-5-102617	10/26/2017	<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-2-5-012918	1/29/2018	<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-2-5-032818	3/28/2018	<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-2-5-041018	4/10/2018	<0.0045	U		<0.0045	U		<0 0045	U		<0 04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
	8.5 ft	VMP-2-8.5-072417	7/24/2017	<0.0054	U		<0.0054	U		<0 0054	U		0.0034	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-2-8.5-102617	10/26/2017	<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-2-8.5-012918	1/29/2018	<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-2-8.5-032818	3/28/2018	<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-2-8.5-041018	4/10/2018	<0.0045	U		<0.0045	U		<0 0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
	22 ft	VMP-2-22-072417	7/24/2017	<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-2-22-072417-DUP	7/24/2017	<0.005	U		<0.005	U		<0.005	U		0.003	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-2-22-102617	10/26/2017	<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-2-22-012918	1/29/2018	<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-2-22-032818	3/28/2018	<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-2-22-041018	4/10/2018	<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-3	5 ft	VMP-3-5-072017	7/20/2017	<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-3-5-102617	10/26/2017	<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-3-5-012318	1/23/2018	<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-3-5-042718	4/27/2018	<0.0048	U		<0.0048	U		<0 0048	U		0.0031	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	10 ft	VMP-3-10-072017	7/20/2017	<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-3-10-102617	10/26/2017	<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-3-10-012318	1/23/2018	<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-3-10-042718	4/27/2018	<0.0047	U		<0.0047	U		<0 0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	22 ft	VMP-3-22-072017	7/20/2017	<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-3-22-102617	10/26/2017	<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-3-22-012318	1/23/2018	<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-3-22-042718	4/27/2018	<0.0051	U		<0.0051	U		<0 0051	U		0.0026	J		<0 006	U		<0.0058	U		0.0019	J		<0.018	U	
	31.5 ft	VMP-3-31.5-072017	7/20/2017	<0.005	U		<0.005	U		<0.005	U		0.0077	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-3-31.5-102617	10/26/2017	<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-3-31.5-102617-DUP	10/26/2017	<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-3-31.5-042718	4/27/2018	<0.0046	U		<0.0046	U		<0 0046	U		<0 04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	39 ft	VMP-3-39-042718	4/27/2018	<0.0058	U		<0.0058	U		<0 0058	U		<0 05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-3-39-042718-DUP	4/27/2018	<0.0059	U		<0.0059	U		<0 0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
VMP-4	5 ft	VMP-4-5-072517	7/25/2017	<0.0049	U		<0.0049	U		<0 0049	U		0.0018	J		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-4-5-110117	11/1/2017	<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-4-5-012318	1/23/2018	<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-4-5-041118	4/11/2018	<0.0049	U		<0.0049	U		<0 0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	12 ft	VMP-4-12-072517	7/25/2017	<0.0048	U		<0.0048	U		<0 0048	U		0.0056	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-4-12-110117	11/1/2017	<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-4-12-012318	1/23/2018	<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-4-12-041118	4/11/2018	<0.0051	U		<0.0051	U		<0 0051	U		<0.045	U		<0 006	U		<0.0058	U		<0.0058	U		<0.018	U	
	23.5 ft	VMP-4-23.5-072517	7/25/2017	<0.0048	U		<0.0048	U		<0 0048	U		0.0024	J		<0.0056	ND,UJ	UJ	<0.0055	U		<0.0055	U		<0.018	U	
		VMP-4-23.5-072517-DUP	7/25/2017	<0.0051	U		<0.0051	U		<0 0051	U		<0.045	U		<0.0059	ND,UJ	UJ	<0.0058	U		<0.0058	U		<0.018	U	
		VMP-4-23.5-110117	11/1/2017	<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-4-23.5-012318	1/23/2018	<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-4-23.5-041118	4/11/2018	<0.092	U		<0.092	U		<0.092	U		<0 32	U		<0.11	U		<0.1	U		<0.1	U		<0.34	U	
		VMP-4-23.5-041118-DUP	4/11/2018	<0.1	U		<0.1	U		<0.1	U		<0 36	U		<0.12	U		<0.12	U		<0.12	U		<0.37	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-5-5-072017	7/20/2017	<0.0046	U		<0.0046	U		<0 0046	U		0.0041	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-5-5-103017	10/30/2017	<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-5-5-012518	1/25/2018	<0.0043	U		<0.0043	U		<0 0043	U		<0.038	U		0.0017	J		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-5-5-041618	4/16/2018	<0.0042	U		<0.0042	U		<0 0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
	12.5 ft	VMP-5-12.5-072017	7/20/2017	<0.005	U		<0.005	U		<0.005	U		0.0024	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-5-12.5-102017	10/30/2017	<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-5-12.5-012518	1/25/2018	<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-5-12.5-041618	4/16/2018	<0.0045	U		<0.0045	U		<0 0045	U		<0 04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
	31 ft	VMP-5-31-072017	7/20/2017	<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-5-31-072017-DUP	7/20/2017	<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-5-31-103017	10/30/2017	<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-5-31-012518	1/25/2018	<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-5-31-041618	4/16/2018	<0.0044	U		<0.0044	U		<0 0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
	40 ft	VMP-5-40-012518	1/25/2018	<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-5-40-041618	4/16/2018	<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-5-40-041618-DUP	4/16/2018	<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-6	5 ft	VMP-6-5-072117	7/21/2017	<0.0046	U		<0.0046	U		<0 0046	U		0.004	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-6-5-103117	10/31/2017	<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-6-5-012418	1/24/2018	<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-6-5-042318	4/23/2018	<0.0043	U		<0.0043	U		<0 0043	U		<0.038	U		<0 005	U		<0.0049	U		<0.0049	U		<0.016	U	
	10 ft	VMP-6-10-072117	7/21/2017	<0.0046	U		<0.0046	U		<0 0046	U		0.0025	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-6-10-103117	10/31/2017	<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-6-10-012418	1/24/2018	<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-6-10-042318	4/23/2018	<0.0047	U		<0.0047	U		<0 0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	31.5 ft	VMP-6-31.5-072117	7/21/2017	<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-6-31.5-072117-DUP	7/21/2017	<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-6-31.5-103117	10/31/2017	<0.0043	U		<0.0043	U		<0 0043	U		0.0028	J		<0 005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-6-31.5-013118	1/31/2018	<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-6-31.5-042318	4/23/2018	<0.0047	U		<0.0047	U		<0 0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	39 ft	VMP-6-39-103117	10/31/2017	<0.0044	U		<0.0044	U		<0 0044	U		0.0053	J		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-6-39-103117-DUP	10/31/2017	<0.0044	U		<0.0044	U		<0 0044	U		0.0039	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-6-39-012418	1/24/2018	<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-6-39-012418-DUP	1/24/2018	<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-6-39-042318	4/23/2018	<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-7	5 ft	VMP-7-5-072117	7/21/2017	<0.0048	U		<0.0048	U		<0 0048	U		0.0029	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-7-5-102517	10/25/2017	<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-7-5-012518	1/25/2018	<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-7-5-042318	4/23/2018	<0.0047	U		<0.0047	U		<0 0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	13.5 ft	VMP-7-13.5-072117	7/21/2017	<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-7-13.5-102517	10/25/2017	<0.0046	U		<0.0046	U		<0 0046	U		0.0039	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-7-13.5-012518	1/25/2018	<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-7-13.5-042318	4/23/2018	<0.0045	U		<0.0045	U		<0 0045	U		<0 04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
	29.5 ft	VMP-7-29.5-072117	7/21/2017	<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-7-29.5-102517	10/25/2017	<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-7-29.5-012518	1/25/2018	<0.0046	U		<0.0046	U		<0 0046	U		<0 04	U		0.0018	J		<0.0052	U		<0.0052	U		<0.017	U	
		VMP-7-29.5-042318	4/23/2018	<0.0046	U		<0.0046	U		<0 0046	U		<0 04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	38 ft	VMP-7-38-102517	10/25/2017	<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-7-38-012518	1/25/2018	<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-7-38-042318	4/23/2018	<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-7-38-042318-DUP	4/23/2018	<0.0046	U		<0.0046	U		<0 0046	U		<0 04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	

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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-8-5-071917	7/19/2017	<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-8-5-103017	10/30/2017	<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-8-5-012218	1/22/2018	<0.0045	U		<0.0045	U		<0 0045	U		<0.039	U	UJ	<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-8-5-041818	4/18/2018	<0.0047	U		<0.0047	U		<0 0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	9.5 ft	VMP-8-9.5-071917	7/19/2017	<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-8-9.5-103017	10/30/2017	<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-8-9.5-012218	1/22/2018	<0.0046	U		<0.0046	U		<0 0046	U		<0 04	U	UJ	<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-8-9.5-041818	4/18/2018	<0.0047	U		<0.0047	U		<0 0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	23.5 ft	VMP-8-23.5-071917	7/19/2017	<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-8-23.5-103017	10/30/2017	<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-8-23.5-012218	1/22/2018	<0.0046	U		<0.0046	U		<0 0046	U		<0.041	U	UJ	<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-8-23.5-012218-DUP	1/22/2018	<0.0047	U		<0.0047	U		<0 0047	U		<0.041	U	UJ	<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-8-23.5-041818	4/18/2018	<0.0048	U		<0.0048	U		<0 0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
	35.5 ft	VMP-8-35.5-071917	7/19/2017	<0.0087	U		<0.0087	U		<0 0087	U		<0.076	U		<0.01	U		<0.0099	U		<0.0099	U		<0.032	U	
		VMP-8-35.5-071917-DUP	7/19/2017	<0.0097	U		<0.0097	U		<0 0097	U		0.0075	J		<0 011	U		<0.011	U		<0.011	U		<0.035	U	
		VMP-8-35.5-103017	10/30/2017	<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-8-35.5-042018	4/20/2018	<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-9	5 ft	VMP-9-5-071917	7/19/2017	<0.0049	U		<0.0049	U		<0 0049	U		0.0019	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-9-5-110117	11/1/2017	<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-9-5-012218	1/22/2018	<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-9-5-042618	4/26/2018	<0.0048	U		<0.0048	U		<0 0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	11.5 ft	VMP-9-11.5-071917	7/19/2017	<0.0047	U		<0.0047	U		<0 0047	U		0.0025	J		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-9-11.5-110117	11/1/2017	<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-9-11.5-012218	1/22/2018	<0.0048	U		<0.0048	U		<0 0048	U		0.0032	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-9-11.5-042618	4/26/2018	<0.0048	U		<0.0048	U		<0 0048	U		0.0028	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	25.5 ft	VMP-9-25.5-071917	7/19/2017	<0.0049	U		<0.0049	U		<0 0049	U		0.0031	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-9-25.5-110117	11/1/2017	<0.0044	U		<0.0044	U		<0 0044	U		0.0031	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-9-25.5-012218	1/22/2018	<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-9-25.5-042618	4/26/2018	<0.0048	U		<0.0048	U		<0 0048	U		0.011	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	38.5 ft	VMP-9-38.5-110117	11/1/2017	<0.0044	U		<0.0044	U		<0 0044	U		0.0056	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-9-38.5-012218	1/22/2018	<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-9-38.5-042618	4/26/2018	<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-18	8.5 ft	VMP-18-8.5-072717	7/27/2017	<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-18-8.5-110317	11/3/2017	<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-18-8.5-110317-DUP	11/3/2017	<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-18-8.5-012418	1/24/2018	<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-18-8.5-033018	3/30/2018	<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-18-8.5-041018	4/10/2018	<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-19	5 ft	VMP-19-5-072717	7/27/2017	<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-19-5-102517	10/25/2017	<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-19-5-012518	1/25/2018	<0.0045	U		<0.0045	U		<0 0045	U		<0 04	U		0.0016	J		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-19-5-042618	4/26/2018	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
VMP-20	5 ft	VMP-20-5-072417	7/24/2017	<0.0048	U		<0.0048	U		<0 0048	U		0.0042	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-20-5-103117	10/31/2017	<0.0044	U		<0.0044	U		<0 0044	U		0.0071	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-20-5-012218	1/22/2018	<0.0046	U		<0.0046	U		<0 0046	U		<0.041	U	UJ	<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-20-5-041218	4/12/2018	<0.0047	U		<0.0047	U		<0 0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
	10 ft	VMP-20-10-072417	7/24/2017	<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-20-10-103117	10/31/2017	<0.0043	U		<0.0043	U		<0 0043	U		0.0073	J		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-20-10-012218	1/22/2018	<0.0048	U		<0.0048	U		<0 0048	U		<0.042	U	UJ	<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-20-10-041218	4/12/2018	<0.0046	U		<0.0046	U		<0 0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	25 ft	VMP-20-25-072417	7/24/2017	<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-20-25-103117	10/31/2017	<0.0044	U		<0.0044	U		<0 0044	U		<0.039	U		<0.0052	U		<0.0051	U		0.00034	J		<0.016	U	
		VMP-20-25-012218	1/22/2018	<0.0046	U		<0.0046	U		<0 0046	U		<0 04	U	UJ	<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-20-25-041218	4/12/2018	<0.0047	U		<0.0047	U		<0 0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	39.5 ft	VMP-20-39.5-041218	4/12/2018	<0.0046	U		<0.0046	U		<0 0046	U		<0 04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	

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-21-5-072017	7/20/2017	<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-21-5-103117	10/31/2017	<0.0044	U		<0.0044	U		<0 0044	U		0.0031	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-21-5-012318	1/23/2018	<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-21-5-041318	4/13/2018	<0.0047	U		<0.0047	U		<0 0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
	10 ft	VMP-21-10-072017	7/20/2017	<0.0048	U		<0.0048	U		<0 0048	U		0.0023	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-21-10-103117	10/31/2017	<0.0044	U		<0.0044	U		<0 0044	U		0.0075	J		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-21-10-012318	1/23/2018	<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-21-10-041318	4/13/2018	<0.0048	U		<0.0048	U		<0 0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	25 ft	VMP-21-25-072017	7/20/2017	<0.0048	U		<0.0048	U		<0 0048	U		0.059			<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-21-25-103117	10/31/2017	<0.0046	U		<0.0046	U		<0 0046	U		0.0028	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
		VMP-21-25-012318	1/23/2018	<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-21-25-041318	4/13/2018	<0.0048	U		<0.0048	U		<0 0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
	33 ft	VMP-21-33-072017	7/20/2017	<0.0045	U		<0.0045	U		<0 0045	U		0.0083	J		<0.0052	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-21-33-072017-DUP	7/20/2017	<0.0048	U		<0.0048	U		<0 0048	U		0.0068	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-21-33-103117	10/31/2017	<0.0045	U		<0.0045	U		<0 0045	U		0.0043	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-21-33-012318	1/23/2018	<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-21-33-012318-DUP	1/23/2018	<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-21-33-041318	4/13/2018	<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-22	5 ft	VMP-22-5-072617	7/26/2017	<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-22-5-102617	10/26/2017	<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-22-5-013018	1/30/2018	<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-22-5-041318	4/13/2018	<0.0047	U		<0.0047	U		<0 0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	10 ft	VMP-22-10-072617	7/26/2017	<0.0048	U		<0.0048	U		<0 0048	U		0.0069	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-22-10-102617	10/26/2017	<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-22-10-013018	1/30/2018	<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-22-10-050118	5/1/2018	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	18 ft	VMP-22-18-072617	7/26/2017	<0.0054	U		<0.0054	U		<0 0054	U		0.0032	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-22-18-102617	10/26/2017	<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-22-18-013018	1/30/2018	<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-22-18-041318	4/13/2018	<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-22-18-041318-DUP	4/13/2018	<0.0048	U		<0.0048	U		<0 0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	38 ft	VMP-22-38-072617	7/26/2017	<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-22-38-072617-DUP	7/26/2017	<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-22-38-102617	10/26/2017	<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-22-38-013018	1/30/2018	<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-22-38-050118	5/1/2018	<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	5 ft	VMP-23-5-072017	7/20/2017	<0.0048	U		<0.0048	U		<0 0048	U		0.0016	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-23-5-102517	10/25/2017	<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-23-5-012318	1/23/2018	<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-23-5-041618	4/16/2018	<0.0045	U		<0.0045	U		<0 0045	U		<0 04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
	10 ft	VMP-23-10-072017	7/20/2017	<0.0047	U		<0.0047	U		<0 0047	U		0.0056	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-23-10-102517	10/25/2017	<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-23-10-012318	1/23/2018	<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-23-10-041618	4/16/2018	<0.0046	U		<0.0046	U		<0 0046	U		<0 04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	25 ft	VMP-23-25-072017	7/20/2017	<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-23-25-102517	10/25/2017	<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-23-25-012318	1/23/2018	<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-23-25-041618	4/16/2018	<0.0045	U		<0.0045	U		<0 0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
	40 ft	VMP-23-40-012318	1/23/2018	<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-23-40-041618	4/16/2018	<0.0044	U		<0.0044	U		<0 0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	

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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-24-5-072117	7/21/2017	<0.0049	U		<0.0049	U		<0 0049	U		0.0037	J		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-24-5-102517	10/25/2017	<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-24-5-012418	1/24/2018	<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-24-5-042518	4/25/2018	<0.0049	U		<0.0049	U		<0 0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	10 ft	VMP-24-10-072117	7/21/2017	<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-24-10-102517	10/25/2017	<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-24-10-012418	1/24/2018	<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-24-10-042518	4/25/2018	<0.0047	U		<0.0047	U		<0 0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	22 ft	VMP-24-22-072117	7/21/2017	<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-24-22-102517	10/25/2017	<0.0044	U		<0.0044	U		<0 0044	U		0.0031	J		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-24-22-013118	1/31/2018	<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-24-22-042518	4/25/2018	<0.0045	U		<0.0045	U		<0 0045	U		<0 04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
	34 ft	VMP-24-34-072117	7/21/2017	<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-24-34-072117-DUP	7/21/2017	<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-24-34-102517	10/25/2017	<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-24-34-012418	1/24/2018	<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-24-34-042518	4/25/2018	<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-24-34-042518-DUP	4/25/2018	<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-32	5 ft	VMP-32-5-072417	7/24/2017	<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-32-5-103117	10/31/2017	<0.0045	U		<0.0045	U		<0 0045	U		0.016	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-32-5-012918	1/29/2018	<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-32-5-032818	3/28/2018	<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-32-5-041018	4/10/2018	<0.0044	U		<0.0044	U		<0 0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
	10 ft	VMP-32-10-072417	7/24/2017	<0.0048	U		<0.0048	U		<0 0048	U		0.0034	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-32-10-103117	10/31/2017	<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-32-10-012918	1/29/2018	<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-32-10-032818	3/28/2018	<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-32-10-041018	4/10/2018	<0.0046	U		<0.0046	U		<0 0046	U		<0 04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	20 ft	VMP-32-20-072417	7/24/2017	<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-32-20-103117	10/31/2017	<0.0046	U		<0.0046	U		<0 0046	U		0.0044	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-32-20-012918	1/29/2018	<0.004	U		<0.004	U		<0.004	U		<0.035	U		<0.0047	U		<0.0046	U		<0.0046	U		<0.014	U	
		VMP-32-20-032818	3/28/2018	<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-32-20-041018	4/10/2018	<0.0045	U		<0.0045	U		<0 0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
	30 ft	VMP-32-30-072417	7/24/2017	<0.0049	U		<0.0049	U		<0 0049	U		0.027	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-32-30-072417-DUP	7/24/2017	<0.0048	U		<0.0048	U		<0 0048	U		0.0031	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-32-30-103117	10/31/2017	<0.0089	U		<0.0089	U		<0 0089	U		0.009	J		<0.01	U		<0.01	U		<0.01	U		<0.032	U	
		VMP-32-30-012918	1/29/2018	<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-32-30-032818	3/28/2018	<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-32-30-041018	4/10/2018	<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-32-30-041018-DUP	4/10/2018	<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-42	10 ft	VMP-42-10-072017	7/20/2017	<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-42-10-110117	11/1/2017	<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-42-10-012318	1/23/2018	<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-42-10-041918	4/19/2018	<0.0044	U		<0.0044	U		<0 0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
	20 ft	VMP-42-20-072017	7/20/2017	<0.0045	U		<0.0045	U		<0 0045	U		0.0042	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-42-20-110117	11/1/2017	<0.0044	U		<0.0044	U		<0 0044	U		0.0056	J		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-42-20-012318	1/23/2018	<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-42-20-041918	4/19/2018	<0.0043	U		<0.0043	U		<0 0043	U		<0.038	U		<0 005	U		<0.0049	U		<0.0049	U		<0.016	U	
	30 ft	VMP-42-30-072017	7/20/2017	<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-42-30-110117	11/1/2017	<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-42-30-110117-DUP	11/1/2017	<0.0042	U		<0.0042	U		<0 0042	U		0.017	J		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-42-30-012318	1/23/2018	<0.004	U		<0.004	U		<0.004	U		<0.035	U		<0.0046	U		<0.0046	U		<0.0046	U		<0.014	U	
		VMP-42-30-041918	4/19/2018	<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-43	10 ft	VMP-43-10-072417	7/24/2017	<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-43-10-102717	10/27/2017	<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-43-10-012618	1/26/2018	<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-43-10-041218	4/12/2018	<0.0048	U		<0.0048	U		<0 0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	20 ft	VMP-43-20-072417	7/24/2017	<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-43-20-102717	10/27/2017	<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-43-20-012618	1/26/2018	<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-43-20-041218	4/12/2018	<0.0045	U		<0.0045	U		<0 0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
	30 ft	VMP-43-30-072417	7/24/2017	<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-43-30-102717	10/27/2017	<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-43-30-012618	1/26/2018	<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-43-30-041218	4/12/2018	<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-43-30-041218-DUP	4/12/2018	<0.0048	U		<0.0048	U		<0 0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	

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-44-10-072517	7/25/2017	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	ND,UJ	UJ	<0.0057	U		<0.0057	U		<0.018	U	
		VMP-44-10-102517	10/25/2017	<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-44-10-012518	1/25/2018	<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-44-10-042318	4/23/2018	<0.0048	U		<0.0048	U		<0 0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	20 ft	VMP-44-20-072517	7/25/2017	<0.0051	U		<0.0051	U		<0 0051	U		0.0029	J		<0 006	ND,UJ	UJ	<0.0059	U		<0.0059	U		<0.019	U	
		VMP-44-20-102517	10/25/2017	<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-44-20-012518	1/25/2018	<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-44-20-042718	4/27/2018	<0.0048	U		<0.0048	U		<0 0048	U		0.0025	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	30 ft	VMP-44-30-072517	7/25/2017	<0.005	U		<0.005	U		<0.005	U		0.0022	J		<0.0058	ND,UJ	UJ	<0.0057	U		<0.0057	U		<0.018	U	
		VMP-44-30-102517	10/25/2017	<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-44-30-102517-DUP	10/25/2017	<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-44-30-012518	1/25/2018	<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-44-30-012518-DUP	1/25/2018	<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-44-30-052118	5/21/2018	<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-45	10 ft	VMP-45-10-072517	7/25/2017	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	ND,UJ	UJ	<0.0057	U		<0.0057	U		<0.018	U	
		VMP-45-10-103117	10/31/2017	<0.0043	U		<0.0043	U		<0 0043	U		0.0086	J		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-45-10-012418	1/24/2018	<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-45-10-041818	4/18/2018	<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-45-20-072517	7/25/2017	<0.005	U		<0.005	U		<0.005	U		0.0034	J		<0.0058	ND,UJ	UJ	<0.0057	U		<0.0057	U		<0.018	U	
		VMP-45-20-103117	10/31/2017	<0.0043	U		<0.0043	U		<0 0043	U		0.0036	J		<0 005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-45-20-012418	1/24/2018	<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-45-20-041818	4/18/2018	<0.0046	U		<0.0046	U		<0 0046	U		<0 04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	30 ft	VMP-45-30-072517	7/25/2017	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	ND,UJ	UJ	<0.0057	U		<0.0057	U		<0.018	U	
		VMP-45-30-103117	10/31/2017	<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-45-30-012418	1/24/2018	<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-45-30-041818	4/18/2018	<0.0047	U		<0.0047	U		<0 0047	U		0.006	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
VMP-47	5 ft	VMP-47-5-072417	7/24/2017	<0.0048	U		<0.0048	U		<0 0048	U		0.0027	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-47-5-102617	10/26/2017	<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-47-5-012618	1/26/2018	<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-47-5-042718	4/27/2018	<0.0049	U		<0.0049	U		<0 0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	10 ft	VMP-47-10-072417	7/24/2017	<0.0047	U		<0.0047	U		<0 0047	U		0.0029	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-47-10-102617	10/26/2017	<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-47-10-012618	1/26/2018	<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-47-10-042718	4/27/2018	<0.0048	U		<0.0048	U		<0 0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	20 ft	VMP-47-20-072417	7/24/2017	<0.0048	U		<0.0048	U		<0 0048	U		0.0037	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-47-20-102617	10/26/2017	<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-47-20-012618	1/26/2018	<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-47-20-012618-DUP	1/26/2018	<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-47-20-042718	4/27/2018	<0.0048	U		<0.0048	U		<0 0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	30 ft	VMP-47-30-072417	7/24/2017	<0.005	U		<0.005	U		<0.005	U		0.0047	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-47-30-102617	10/26/2017	<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-47-30-012618	1/26/2018	<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-47-30-042718	4/27/2018	<0.0048	U		<0.0048	U		<0 0048	U		0.0035	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-47-30-042718-DUP	4/27/2018	<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	5 ft	VMP-48-5-072117	7/21/2017	<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-48-5-103117	10/31/2017	<0.0043	U		<0.0043	U		<0 0043	U		0.0031	J		<0 005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-48-5-012618	1/26/2018	<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-48-5-042718	4/27/2018	<0.013	U		<0.013	U		<0.013	U		<0.11	U		<0 015	U		<0.015	U		<0.015	U		<0.046	U	
	10 ft	VMP-48-10-072117	7/21/2017	<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-48-10-103117	10/31/2017	<0.0044	U		<0.0044	U		<0 0044	U		0.023	J		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-48-10-012618	1/26/2018	<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-48-10-042718	4/27/2018	<0.0049	U		<0.0049	U		<0 0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	20 ft	VMP-48-20-072117	7/21/2017	<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-48-20-103117	10/31/2017	<0.0042	U		<0.0042	U		<0 0042	U		0.018	J		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-48-20-012618	1/26/2018	<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-48-20-042718	4/27/2018	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	30 ft	VMP-48-30-072117	7/21/2017	<0.0045	U		<0.0045	U		<0 0045	U		0.0054	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-48-30-103117	10/31/2017	<0.0045	U		<0.0045	U		<0 0045	U		0.0032	J		<0.0052	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-48-30-103117-DUP	10/31/2017	<0.0044	U		<0.0044	U		<0 0044	U		0.0032	J		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-48-30-012618	1/26/2018	<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-48-30-042718	4/27/2018	<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-48-30-042718-DUP	4/27/2018	<0.0051	U		<0.0051	U		<0 0051	U		<0.045	U		<0 006	U		<0.0058	U		<0.0058	U		<0.018	U	

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-49-5-072617	7/26/2017	<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-49-5-102717	10/27/2017	<0.0045	U		<0.0045	U		<0 0045	U		0.0043	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-49-5-012618	1/26/2018	<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-49-5-041918	4/19/2018	<0.0048	U		<0.0048	U		<0 0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	10 ft	VMP-49-10-072617	7/26/2017	<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-49-10-102717	10/27/2017	<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-49-10-012618	1/26/2018	<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-49-10-041918	4/19/2018	<0.0047	U		<0.0047	U		<0 0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
	20 ft	VMP-49-20-072617	7/26/2017	<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-49-20-102717	10/27/2017	<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-49-20-012618	1/26/2018	<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-49-20-041918	4/19/2018	<0.0044	U		<0.0044	U		<0 0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
	30 ft	VMP-49-30-072617	7/26/2017	<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-49-30-072617-DUP	7/26/2017	<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-49-30-102717	10/27/2017	<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-49-30-012618	1/26/2018	<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-49-30-042718	4/27/2018	<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-50	5 ft	VMP-50-5-072617	7/26/2017	<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-50-5-110117	11/1/2017	<0.0044	U		<0.0044	U		<0 0044	U		0.003	J		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-50-5-013118	1/31/2018	<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-50-5-032918	3/29/2018	<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-50-5-041018	4/10/2018	<0.11	U		<0.11	U		<0.11	U		<0 94	U		<0.12	U		<0.12	U		<0.12	U		<0.39	U	
	10 ft	VMP-50-10-072617	7/26/2017	<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-50-10-110117	11/1/2017	<0.0044	U		<0.0044	U		<0 0044	U		0.0045	J		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-50-10-013118	1/31/2018	<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-50-10-032918	3/29/2018	<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-50-10-041018	4/10/2018	<0.015	U		<0.015	U		<0.015	U		<0.13	U		<0 017	U		<0.017	U		<0.017	U		<0.054	U	
	20 ft	VMP-50-20-072617	7/26/2017	<0.0049	U		<0.0049	U		<0 0049	U		0.0029	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-50-20-110117	11/1/2017	<0.0042	U		<0.0042	U		<0 0042	U		0.0067	J		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-50-20-013118	1/31/2018	<0.018	U		<0.018	U		<0.018	U		<0.16	U		<0 021	U		<0.021	U		<0.021	U		<0.067	U	
		VMP-50-20-013118-DUP	1/31/2018	<0.018	U		<0.018	U		<0.018	U		<0.16	U		<0 022	U		<0.021	U		<0.021	U		<0.068	U	
		VMP-50-20-032918	3/29/2018	<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-50-20-041018	4/10/2018	<0.45	U		<0.45	U		<0.45	U		<3.9	U		<0.52	U		<0.52	U		<0.52	U		<1.6	U	
		VMP-50-20-041018-DUP	4/10/2018	<0.45	U		<0.45	U		<0.45	U		<4	U		<0.53	U		<0.52	U		<0.52	U		<1.6	U	
	30 ft	VMP-50-30-072617	7/26/2017	<0.065	U		<0.065	U		<0.065	U		<0 57	U		<0 076	U		<0.075	U		<0.075	U		<0.24	U	
		VMP-50-30-110117	11/1/2017	<0.044	U		<0.044	U		<0.044	U		<0.15	U		0 022	J		<0.05	U		<0.05	U		<0.16	U	
		VMP-50-30-110117-DUP	11/1/2017	<0.043	U		<0.043	U		<0.043	U		<0.15	U		0 026	J		<0.049	U		<0.049	U		<0.16	U	
		VMP-50-30-013118	1/31/2018	<0.045	U		<0.045	U		<0.045	U		<0.16	U		<0 052	U		<0.051	U		<0.051	U		<0.16	U	
		VMP-50-30-032918	3/29/2018	<0.061	U		<0.061	U		<0.061	U		<0 54	U		<0 072	U		<0.07	U		<0.07	U		<0.22	U	
		VMP-50-30-032918-DUP	3/29/2018	<0.058	U		<0.058	U		<0.058	U		<0 51	U		<0 067	U		<0.066	U		<0.066	U		<0.21	U	
		VMP-50-30-041018	4/10/2018	<0.92	U		<0.92	U		<0.92	U		<8.1	U		<1.1	U		<1	U		<1	U		<3.4	U	
VMP-51	5 ft	VMP-51-5-072017	7/20/2017	<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-51-5-103017	10/30/2017	<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-51-5-012318	1/23/2018	<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-51-5-041618	4/16/2018	<0.0043	U		<0.0043	U		<0 0043	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
	10 ft	VMP-51-10-072017	7/20/2017	<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-51-10-103017	10/30/2017	<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-51-10-012318	1/23/2018	<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-51-10-041618	4/16/2018	<0.0041	U		<0.0041	U		<0 0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
	20 ft	VMP-51-20-072017	7/20/2017	<0.0047	U		<0.0047	U		<0 0047	U		0.0016	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-51-20-103017	10/30/2017	<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-51-20-012318	1/23/2018	<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-51-20-012318-DUP	1/23/2018	<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-51-20-041618	4/16/2018	<0.0042	U		<0.0042	U		<0 0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
	30 ft	VMP-51-30-072017	7/20/2017	<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-51-30-103017	10/30/2017	<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-51-30-012318	1/23/2018	<0.0055	U		<0.0055	U		<0 0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-51-30-041618	4/16/2018	<0.0045	U		<0.0045	U		<0 0045	U		<0 04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	

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-52-5-072117	7/21/2017	<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-52-5-102517	10/25/2017	<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-52-5-012418	1/24/2018	<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-52-5-042618	4/26/2018	<0.0051	U		<0.0051	U		<0 0051	U		<0.045	U		<0 006	U		<0.0058	U		<0.0058	U		<0.018	U	
	10 ft	VMP-52-10-072117	7/21/2017	<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-52-10-102517	10/25/2017	<0.0044	U		<0.0044	U		<0 0044	U		0.0038	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-52-10-012418	1/24/2018	<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-52-10-042618	4/26/2018	<0.0051	U		<0.0051	U		<0 0051	U		<0.045	U		<0 006	U		<0.0058	U		<0.0058	U		<0.018	U	
	20 ft	VMP-52-20-072117	7/21/2017	<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-52-20-102517	10/25/2017	<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-52-20-012418	1/24/2018	<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-52-20-012418-DUP	1/24/2018	<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-52-20-042618	4/26/2018	<0.0049	U		<0.0049	U		<0 0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	30 ft	VMP-52-30-072117	7/21/2017	<0.0051	U		<0.0051	U		<0 0051	U		0.0033	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-52-30-102517	10/25/2017	<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-52-30-102517-DUP	10/25/2017	<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-52-30-012418	1/24/2018	<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-52-30-042618	4/26/2018	<0.0053	U		<0.0053	U		<0 0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
VMP-53	5 ft	VMP-53-5-071917	7/19/2017	<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-53-5-110117	11/1/2017	<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-53-5-012218	1/22/2018	<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-53-5-032918	3/29/2018	<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-53-5-041018	4/10/2018	<0.0046	U		<0.0046	U		<0 0046	U		<0 04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	10 ft	VMP-53-10-071917	7/19/2017	<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-53-10-110117	11/1/2017	<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-53-10-012218	1/22/2018	<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-53-10-032918	3/29/2018	<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-53-10-041018	4/10/2018	<0.0046	U		<0.0046	U		<0 0046	U		<0 04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
	20 ft	VMP-53-20-071917	7/19/2017	<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-53-20-110117	11/1/2017	<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-53-20-012218	1/22/2018	<0.0046	U		<0.0046	U		<0 0046	U		<0.041	U	UJ	<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-53-20-012218-DUP	1/22/2018	<0.0048	U		<0.0048	U		<0 0048	U		<0.042	U	UJ	<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-53-20-032918	3/29/2018	<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-53-20-041018	4/10/2018	<0.0046	U		<0.0046	U		<0 0046	U		<0 04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	30 ft	VMP-53-30-071917	7/19/2017	<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-53-30-071917-DUP	7/19/2017	<0.0048	U		<0.0048	U		<0 0048	U		0.0023	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-53-30-110117	11/1/2017	<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-53-30-012218	1/22/2018	<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-53-30-032918	3/29/2018	<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-53-30-041018	4/10/2018	<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	5 ft	VMP-54-5-071917	7/19/2017	<0.0048	U		<0.0048	U		<0 0048	U		0.0026	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-54-5-102617	10/26/2017	<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-54-5-012218	1/22/2018	<0.0046	U		<0.0046	U		<0 0046	U		<0 04	U	UJ	<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-54-5-041818	4/18/2018	<0.0048	U		<0.0048	U		<0 0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
	10 ft	VMP-54-10-071917	7/19/2017	<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-54-10-102617	10/26/2017	<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-54-10-012218	1/22/2018	<0.0047	U		<0.0047	U		<0 0047	U		<0.041	U	UJ	<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-54-10-041818	4/18/2018	<0.0048	U		<0.0048	U		<0 0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	20 ft	VMP-54-20-071917	7/19/2017	<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-54-20-102617	10/26/2017	<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-54-20-012218	1/22/2018	<0.0045	U		<0.0045	U		<0 0045	U		<0 04	U	UJ	<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-54-20-041818	4/18/2018	<0.0046	U		<0.0046	U		<0 0046	U		<0 04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
	30 ft	VMP-54-30-071917	7/19/2017	<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-54-30-102617	10/26/2017	<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-54-30-102617-DUP	10/26/2017	<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-54-30-012218	1/22/2018	<0.0047	U		<0.0047	U		<0 0047	U		<0.041	U	UJ	<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-54-30-041818	4/18/2018	<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-56	10 ft	VMP-56-10-072117	7/21/2017	<0.0051	U		<0.0051	U		<0 0051	U		0.0065	J		<0 006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-56-10-102717	10/27/2017	<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-56-10-012918	1/29/2018	<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-56-10-050118	5/1/2018	<0.0049	U		<0.0049	U		<0 0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
	25 ft	VMP-56-25-072117	7/21/2017	<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-56-25-102717	10/27/2017	<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-56-25-012918	1/29/2018	<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-56-25-050118	5/1/2018	<0.0048	U		<0.0048	U		<0 0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	38.5 ft	VMP-56-38.5-050118	5/1/2018	<19	U		<19	U		<19	U		<67	U		<22	U		<22	U		<22	U		<70	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-62-5-072517	7/25/2017	<0.0042	U		<0.0042	U		<0 0042	U		0.01	J		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-62-5-083017	8/30/2017	<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-62-5-110317	11/3/2017	<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-62-5-012918	1/29/2018	<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-62-5-032818	3/28/2018	<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-62-5-041018	4/10/2018	<0.0044	U		<0.0044	U		<0 0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
	10 ft	VMP-62-10-072517	7/25/2017	<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-62-10-110317	11/3/2017	<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-62-10-012918	1/29/2018	<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-62-10-032818	3/28/2018	<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-62-10-041018	4/10/2018	<0.0044	U		<0.0044	U		<0 0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
	20 ft	VMP-62-20-072517	7/25/2017	<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-62-20-110317	11/3/2017	<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-62-20-012918	1/29/2018	<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-62-20-032818	3/28/2018	<0.0048	U		<0.0048	U		<0 0048	U		0.0017	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	30 ft	VMP-62-30-072517	7/25/2017	<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-62-30-072517-DUP	7/25/2017	<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-62-30-110317	11/3/2017	<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-62-30-110317-DUP	11/3/2017	<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-62-30-012918	1/29/2018	<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-62-30-012918-DUP	1/29/2018	<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-62-30-032818	3/28/2018	<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-62-30-032818-DUP	3/28/2018	<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-62-30-041018	4/10/2018	<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-63	5 ft	VMP-63-5-072517	7/25/2017	<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-63-5-110117	11/1/2017	<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-63-5-012618	1/26/2018	<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-63-5-041918	4/19/2018	<0.0042	U		<0.0042	U		<0 0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
	10 ft	VMP-63-10-072517	7/25/2017	<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-63-10-110117	11/1/2017	<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-63-10-012618	1/26/2018	<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-63-10-041918	4/19/2018	<0.0044	U		<0.0044	U		<0 0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
	20 ft	VMP-63-20-072517	7/25/2017	<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-63-20-110117	11/1/2017	<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-63-20-012618	1/26/2018	<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-63-20-041918	4/19/2018	<0.0044	U		<0.0044	U		<0 0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
	30 ft	VMP-63-30-072517	7/25/2017	<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-63-30-110117	11/1/2017	<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-63-30-012618	1/26/2018	<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-63-30-012618-DUP	1/26/2018	<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-63-30-041918	4/19/2018	<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-63-30-041918-DUP	4/19/2018	<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-64	5 ft	VMP-64-5-072517	7/25/2017	<0.0092	U		<0.0092	U		<0 0092	U		<0.081	U		<0 011	U		<0.01	U		<0.01	U		<0.034	U	
		VMP-64-5-110317	11/3/2017	<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-64-5-012218	1/22/2018	<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-64-5-041218	4/12/2018	<0.0049	U		<0.0049	U		<0 0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	10 ft	VMP-64-10-072517	7/25/2017	<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-64-10-110317	11/3/2017	<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-64-10-012218	1/22/2018	<0.0047	U		<0.0047	U		<0 0047	U		<0.041	U	UJ	<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-64-10-041218	4/12/2018	<0.0048	U		<0.0048	U		<0 0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
	20 ft	VMP-64-20-072517	7/25/2017	<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-64-20-110317	11/3/2017	<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-64-20-012218	1/22/2018	<0.0048	U		<0.0048	U		<0 0048	U		<0.042	U	UJ	<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-64-20-041218	4/12/2018	<0.0047	U		<0.0047	U		<0 0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	

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-1-5-072417	7/24/2017	0 0076	J		0.012			0.0022	J		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		0.0014	J	
		VMP-1-5-102617	10/26/2017	<0.0088	J	U	<0.005	U		<0 0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-1-5-012618	1/26/2018	<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-1-5-042718	4/27/2018	0.026			<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-1-8.5-072417	7/24/2017	0.014			<0.0054	U		<0 0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0 0044	U	
		VMP-1-8.5-102617	10/26/2017	<0.0085	J	U	<0.0049	U		<0 0055	U		<0.0086	U		<0.0079	U		0 0031	J		<0.048	U		0.0028	J	
		VMP-1-8.5-012418	1/24/2018	0.017			<0.0049	U		<0 0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0 0039	U	
		VMP-1-8.5-042718	4/27/2018	<0.0091	U		<0.0052	U		<0 0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0 0043	U	
	23.5 ft	VMP-1-23.5-072417	7/24/2017	0.023			0.0019	J		<0 0058	U		<0.0091	U		<0.0083	U		0 0028	J		<0.051	U		0.0082		
		VMP-1-23.5-102617	10/26/2017	<0.0089	J	U	<0.0051	U		<0 0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0042	U	
		VMP-1-23.5-012618	1/26/2018	0.011			<0.0047	U		<0 0053	U		<0.0083	U		<0.0076	U		0 0022	J		<0.046	U		0.0018	J	
		VMP-1-23.5-042718	4/27/2018	<0.0093	U		<0.0054	U		<0 0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		0.0026	J	
VMP-2	5 ft	VMP-2-5-072417	7/24/2017	0.1			0.0027	J		<0 0061	U		<0.0095	U		<0.0087	U		0 0022	J		<0.053	U		0 003	J	
		VMP-2-5-102617	10/26/2017	<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-2-5-012918	1/29/2018	0.063			<0.0047	U		<0 0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.046	U		<0 0038	U	
		VMP-2-5-032818	3/28/2018	0 0052	J		<0.0052	U		<0 0058	U		<0.0091	U		<0.0083	U		0.004	J		<0.051	U		0.0049		
		VMP-2-5-041018	4/10/2018	0 0099			<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		0.00093	J	
	8.5 ft	VMP-2-8.5-072417	7/24/2017	<0.01	U		<0.0059	U		<0 0067	U		<0 01	U		<0.0096	U		<0.0056	U		<0.058	U		<0 0048	U	
		VMP-2-8.5-102617	10/26/2017	<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-2-8.5-012918	1/29/2018	0 0045	J		<0.0049	U		<0 0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0 0039	U	
		VMP-2-8.5-032818	3/28/2018	0 0082	J		<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-2-8.5-041018	4/10/2018	<0.0085	U		<0.0049	U		<0 0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		0.00087	J	
	22 ft	VMP-2-22-072417	7/24/2017	<0.0099	U		<0.0057	U		<0 0064	U		<0 01	U		<0.0092	U		<0.0054	U		<0.056	U		<0 0046	U	
		VMP-2-22-072417-DUP	7/24/2017	0.018			<0.0054	U		<0 0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0 0044	U	
		VMP-2-22-102617	10/26/2017	<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-2-22-012918	1/29/2018	0 0039	J		<0.0047	U		<0 0053	U		<0.0082	U		<0.0075	U		<0.0044	U		<0.046	U		<0 0038	U	
		VMP-2-22-032818	3/28/2018	0 0052	J		<0.0049	U		<0 0056	U		<0.0087	U		<0 008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-2-22-041018	4/10/2018	0.012			<0.005	U		<0 0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0 0041	U	
VMP-3	5 ft	VMP-3-5-072017	7/20/2017	0.018			<0.0055	U		0.00081	J		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0 0044	U	
		VMP-3-5-102617	10/26/2017	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-3-5-012318	1/23/2018	0.042			<0.0047	U		<0 0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.046	U		<0 0038	U	
		VMP-3-5-042718	4/27/2018	<0.0091	U		<0.0052	U		<0 0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0 0043	U	
	10 ft	VMP-3-10-072017	7/20/2017	0.012			<0.0057	U		<0 0064	U		<0 01	U		<0.0092	U		<0.0054	U		<0.056	U		0.00086	J	
		VMP-3-10-102617	10/26/2017	<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-3-10-012318	1/23/2018	0 0098			<0.0048	U		<0 0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0 0039	U	
		VMP-3-10-042718	4/27/2018	<0.009	U		<0.0052	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0 0042	U	
	22 ft	VMP-3-22-072017	7/20/2017	0 0074	J		<0.0055	U		<0 0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0 0045	U	
		VMP-3-22-102617	10/26/2017	0 0093			<0.0051	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0 0042	U	
		VMP-3-22-012318	1/23/2018	0.019			<0.0049	U		<0 0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-3-22-042718	4/27/2018	<0.0097	U		<0.0056	U		<0 0063	U		<0.0099	U		<0 009	U		<0.0053	U		<0.055	U		<0 0045	U	
	31.5 ft	VMP-3-31.5-072017	7/20/2017	0.019			0.021			0.0039	J		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		0.0011	J	
		VMP-3-31.5-102617	10/26/2017	<0.0089	U		0.0026	J		0.012			<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		0.0053		
		VMP-3-31.5-102617-DUP	10/26/2017	<0.009	U		0.0026	J		0.007			<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		0.0051		
		VMP-3-31.5-042718	4/27/2018	<0.0088	U		<0.005	U		<0 0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0 0041	U	
	39 ft	VMP-3-39-042718	4/27/2018	<0.011	U		<0.0063	U		<0 0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0 0051	U	
		VMP-3-39-042718-DUP	4/27/2018	<0.011	U		<0.0064	U		<0 0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0 0052	U	
VMP-4	5 ft	VMP-4-5-072517	7/25/2017	0 0061	J		<0.0054	U		<0 0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		0.00064	J	
		VMP-4-5-110117	11/1/2017	0.011			<0.0048	U		<0 0055	U		<0.0085	U		<0.0078	U		<0.0046	U		<0.048	U		<0 0039	U	
		VMP-4-5-012318	1/23/2018	<0.0088	J	U	<0.005	U		<0 0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-4-5-041118	4/11/2018	0.016			<0.0054	U		<0 0061	U		<0.0095	U		<0.0086	U		0.002	J		<0.053	U		<0 0044	U	
	12 ft	VMP-4-12-072517	7/25/2017	0 0092			<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0 0042	U	
		VMP-4-12-110117	11/1/2017	0 0042	J		<0.0048	U		<0 0054	U		<0.0085	U		<0.0077	U		<0.0045	U		<0.047	U		<0 0039	U	
		VMP-4-12-012318	1/23/2018	<0.0086	J	U	<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		0.0015	J	
		VMP-4-12-041118	4/11/2018	0.013			<0.0056	U		<0 0063	U		<0.0099	U		<0 009	U		<0.0053	U		<0.055	U		<0 0045	U	
	23.5 ft	VMP-4-23.5-072517	7/25/2017	<0.0092	U		<0.0053	U		<0.006	U		0.0027	J		<0.0085	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-4-23.5-072517-DUP	7/25/2017	<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-4-23.5-110117	11/1/2017	0.024			<0.0048	U		<0 0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0 0039	U	
		VMP-4-23.5-012318	1/23/2018	<0.0095	J	U	<0.0055	U		<0 0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0 0044	U	
		VMP-4-23.5-041118	4/11/2018	<0.18	U		<0.1	U		<0.11	U		<0.18	U		<0.16	U		0.57			<0.99	U		14		
		VMP-4-23.5-041118-DUP	4/11/2018	<0 2	U		<0.11	U		<0.13	U		<0.2	U		<0.18	U		0.67			<1.1	U		16		

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-5	5 ft	VMP-5-5-072017	7/20/2017	0.034			<0.005	U		<0 0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		0.0014	J	
		VMP-5-5-103017	10/30/2017	<0.0085	J	U	<0.0049	U		<0 0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-5-5-012518	1/25/2018	0 0069	J		<0.0047	U		<0 0053	U		<0.0083	U		<0.0076	U		0 0018	J		<0.046	U		<0 0038	U	
		VMP-5-5-041618	4/16/2018	0 0086			<0.0046	U		<0 0053	U		<0.0082	U		<0.0075	U		<0.0044	U		<0.046	U		<0 0038	U	
	12.5 ft	VMP-5-12.5-072017	7/20/2017	0.028			0.002	J		<0 0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0 0044	U	
		VMP-5-12.5-102017	10/30/2017	<0.011		U	<0.0046	U		<0 0052	U		<0.0081	U		<0.0074	U		<0.0043	U		<0.045	U		<0 0037	U	
		VMP-5-12.5-012518	1/25/2018	<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-5-12.5-041618	4/16/2018	0.024			<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		0 0019	J		<0.049	U		<0.004	U	
	31 ft	VMP-5-31-072017	7/20/2017	0 0081	J		<0.0054	U		<0 0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0 0044	U	
		VMP-5-31-072017-DUP	7/20/2017	0.01			<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0 0042	U	
		VMP-5-31-103017	10/30/2017	<0.0083	J	U	<0.0048	U		<0 0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0 0039	U	
		VMP-5-31-012518	1/25/2018	<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-5-31-041618	4/16/2018	<0.0083	U		<0.0048	U		<0 0054	U		<0.0085	U		<0.0077	U		<0.0045	U		<0.047	U		<0 0039	U	
	40 ft	VMP-5-40-012518	1/25/2018	<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-5-40-041618	4/16/2018	<0.0081	U		<0.0047	U		<0 0053	U		<0.0083	U		<0.0076	U		0 0029	J		<0.046	U		0.0032	J	
		VMP-5-40-041618-DUP	4/16/2018	0 0095			<0.0048	U		<0 0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0 0039	U	
VMP-6	5 ft	VMP-6-5-072117	7/21/2017	0.01			<0.0051	U		<0 0058	U		<0.009	U		<0.0082	U		0 0021	J		<0.05	U		0.0028	J	
		VMP-6-5-103117	10/31/2017	0 0081			<0.0046	U		<0 0053	U		<0.0082	U		<0.0075	U		<0.0044	U		<0.046	U		<0 0038	U	
		VMP-6-5-012418	1/24/2018	0.036			<0.0048	U		<0 0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0 0039	U	
		VMP-6-5-042318	4/23/2018	<0.0081	U		<0.0047	U		<0 0053	U		<0.0083	U		<0.0076	U		0 0012	J		<0.046	U		0.0011	J	
	10 ft	VMP-6-10-072117	7/21/2017	<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-6-10-103117	10/31/2017	0.063			<0.0046	U		<0 0052	U		<0.0081	U		<0.0074	U		<0.0043	U		<0.045	U		<0 0037	U	
		VMP-6-10-012418	1/24/2018	0.015			<0.0047	U		<0 0053	U		<0.0083	U		<0.0076	U		0 0022	J		<0.046	U		0.0025	J	
		VMP-6-10-042318	4/23/2018	<0.009	U		<0.0052	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		0.0012	J	
	31.5 ft	VMP-6-31.5-072117	7/21/2017	<0.0088	U		<0.0051	U		<0 0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		0.0014	J	
		VMP-6-31.5-072117-DUP	7/21/2017	<0.009	U		<0.0052	U		<0 0058	U		<0.0091	U		<0.0083	U		0 0044	J		<0.051	U		0.0046		
		VMP-6-31.5-103117	10/31/2017	0.018			<0.0047	U		<0 0053	U		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		<0 0038	U	
		VMP-6-31.5-013118	1/31/2018	0 0045	J		<0.0051	U		0.0017	J		<0.0091	U		<0.0083	U		0 0016	J		<0.05	U		0.0033	J	
		VMP-6-31.5-042318	4/23/2018	<0.009	U		<0.0052	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0 0042	U	
	39 ft	VMP-6-39-103117	10/31/2017	0.019			<0.0048	U		<0 0054	U		<0.0085	U		<0.0078	U		<0.0045	U		<0.047	U		<0 0039	U	
		VMP-6-39-103117-DUP	10/31/2017	0.012			<0.0048	U		<0 0055	U		<0.0085	U		<0.0078	U		<0.0046	U		<0.048	U		<0 0039	U	
		VMP-6-39-012418	1/24/2018	0.049		J	0.002	J		0.0016	J	J	<0.0083	U		<0.0076	U		0 0051			<0.046	U		0 007		
		VMP-6-39-012418-DUP	1/24/2018	0 0096		J	<0.005	U		<0 0057	U		<0.0089	U		<0.0081	U		0 0024	J		<0.05	U		0.0039	J	
		VMP-6-39-042318	4/23/2018	<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	5 ft	VMP-7-5-072117	7/21/2017	0.012			<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-7-5-102517	10/25/2017	0 0064	J		<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-7-5-012518	1/25/2018	0 0068	J		<0.0049	U		<0 0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-7-5-042318	4/23/2018	<0.009	U		<0.0052	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0 0042	U	
	13.5 ft	VMP-7-13.5-072117	7/21/2017	<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-7-13.5-102517	10/25/2017	0.059			<0.005	U		<0 0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-7-13.5-012518	1/25/2018	0.004	J		<0.005	U		<0 0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-7-13.5-042318	4/23/2018	<0.0086	U		<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		<0.004	U	
	29.5 ft	VMP-7-29.5-072117	7/21/2017	0.011			<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0 0042	U	
		VMP-7-29.5-102517	10/25/2017	<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-7-29.5-012518	1/25/2018	0 0069	J		<0.005	U		<0 0057	U		<0.0088	U		<0.0081	U		0 0019	J		<0.049	U		0.0014	J	
		VMP-7-29.5-042318	4/23/2018	<0.0088	U		<0.005	U		<0 0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0 0041	U	
	38 ft	VMP-7-38-102517	10/25/2017	0.011			<0.0051	U		<0 0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-7-38-012518	1/25/2018	<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-7-38-042318	4/23/2018	<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-7-38-042318-DUP	4/23/2018	<0.0088	U		<0.005	U		<0 0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0 0041	U	

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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-8-5-071917	7/19/2017	0.012			<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0 0042	U	
		VMP-8-5-103017	10/30/2017	0.027			<0.005	U		<0 0057	U		<0.0088	U		<0.0081	U		<0.0047	U		<0.049	U		<0 0041	U	
		VMP-8-5-012218	1/22/2018	0 0098	J0	J	<0.0049	U		<0 0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-8-5-041818	4/18/2018	<0.0089	U		<0.0051	U		<0 0058	U		<0.0091	U		<0.0083	U		0 0012	J		<0.05	U		0.0022	J	
	9.5 ft	VMP-8-9.5-071917	7/19/2017	0.011			<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-8-9.5-103017	10/30/2017	<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-8-9.5-012218	1/22/2018	0 0081	J	J	<0.005	U		<0 0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		<0 0041	U	
		VMP-8-9.5-041818	4/18/2018	<0.0089	U		<0.0051	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		0.0015	J	
	23.5 ft	VMP-8-23.5-071917	7/19/2017	0 0082	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-8-23.5-103017	10/30/2017	<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-8-23.5-012218	1/22/2018	0.032	J0	J	<0.0051	U		<0 0058	U		<0.009	U		<0.0082	U		0 0014	J		<0.05	U		0.0023	J	
		VMP-8-23.5-012218-DUP	1/22/2018	0.053	J0	J	<0.0052	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		0.0016	J	
		VMP-8-23.5-041818	4/18/2018	0.012			<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0 0043	U	
	35.5 ft	VMP-8-35.5-071917	7/19/2017	0.02			<0.0095	U		<0.011	U		<0.017	U		<0 015	U		<0.009	U		<0.093	U		<0 0077	U	
		VMP-8-35.5-071917-DUP	7/19/2017	0.019			<0.01	U		<0.012	U		<0.019	U		<0 017	U		<0.01	U		<0.1	U		<0 0086	U	
		VMP-8-35.5-103017	10/30/2017	<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-8-35.5-042018	4/20/2018	0.02			<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		<0.004	U	
VMP-9	5 ft	VMP-9-5-071917	7/19/2017	0 0086	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-9-5-110117	11/1/2017	<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-9-5-012218	1/22/2018	0 0065	J		<0.0055	U		<0 0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0012	J	
		VMP-9-5-042618	4/26/2018	<0.0091	U		<0.0052	U		<0 0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0 0043	U	
	11.5 ft	VMP-9-11.5-071917	7/19/2017	0.012			<0.0051	U		<0 0058	U		<0.009	U		<0.0082	U		0 0028	J		<0.05	U		<0 0042	U	
		VMP-9-11.5-110117	11/1/2017	0.005	J		<0.0051	U		<0 0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0042	U	
		VMP-9-11.5-012218	1/22/2018	0 0082	J		<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.0011	J	
		VMP-9-11.5-042618	4/26/2018	<0.0091	U		<0.0052	U		<0 0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0 0043	U	
	25.5 ft	VMP-9-25.5-071917	7/19/2017	0 0082	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-9-25.5-110117	11/1/2017	0.005	J		<0.0049	U		<0 0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0 0039	U	
		VMP-9-25.5-012218	1/22/2018	0.011			<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0 0042	U	
		VMP-9-25.5-042618	4/26/2018	0.024			<0.0052	U		<0 0059	U		<0.0093	U		<0.0084	U		0.002	J		<0.052	U		0 011		
	38.5 ft	VMP-9-38.5-110117	11/1/2017	0 0059	J		<0.0048	U		<0 0055	U		<0.0085	U		<0.0078	U		<0.0046	U		<0.048	U		<0 0039	U	
		VMP-9-38.5-012218	1/22/2018	0 0076	J		<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0 0042	U	
		VMP-9-38.5-042618	4/26/2018	0 0052	J		<0.0052	U		<0 0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0 0043	U	
VMP-18	8.5 ft	VMP-18-8.5-072717	7/27/2017	<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-18-8.5-110317	11/3/2017	0.013			<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		0.0018	J	
		VMP-18-8.5-110317-DUP	11/3/2017	0.013			<0.0045	U		<0 0051	U		<0.008	U		<0.0073	U		<0.0043	U		<0.044	U		0.0016	J	
		VMP-18-8.5-012418	1/24/2018	0.012			<0.005	U		<0 0057	U		<0.0088	U		<0.0081	U		0 0016	J		<0.049	U		<0 0041	U	
		VMP-18-8.5-033018	3/30/2018	0 0085	J		<0.0052	U		0.0024	J		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		0.00055	J	
		VMP-18-8.5-041018	4/10/2018	<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-19	5 ft	VMP-19-5-072717	7/27/2017	<0.0092	U		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		0.002	J		<0.052	U		0.0046		
		VMP-19-5-102517	10/25/2017	0 0059	J		<0.0049	U		<0 0056	U		<0.0087	U		<0 008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-19-5-012518	1/25/2018	0 0084	J		<0.0049	U		<0 0056	U		<0.0087	U		<0 008	U		0 0029	J		<0.049	U		<0.004	U	
		VMP-19-5-042618	4/26/2018	<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-20	5 ft	VMP-20-5-072417	7/24/2017	<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-20-5-103117	10/31/2017	0.023			<0.0049	U		<0 0055	U		<0.0086	U		<0.0078	U		0 0011	J		<0.048	U		<0 0039	U	
		VMP-20-5-012218	1/22/2018	0.01	J0	J	<0.0051	U		<0 0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-20-5-041218	4/12/2018	0 0053	J		<0.0051	U		<0 0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0042	U	
	10 ft	VMP-20-10-072417	7/24/2017	<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-20-10-103117	10/31/2017	<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-20-10-012218	1/22/2018	0.01	J0	J	<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0 0042	U	
		VMP-20-10-041218	4/12/2018	0 0071	J		<0.0051	U		<0 0058	U		<0.009	U		<0.0082	U		0.002	J		<0.05	U		0.0018	J	
	25 ft	VMP-20-25-072417	7/24/2017	<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-20-25-103117	10/31/2017	<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-20-25-012218	1/22/2018	0.1	J0	J	<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		0 0014	J		<0.049	U		0.0015	J	
		VMP-20-25-041218	4/12/2018	0.011			<0.0051	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0 0042	U	
	39.5 ft	VMP-20-39.5-041218	4/12/2018	0 0072	J		<0.005	U		<0 0057	U		<0.0088	U		<0.0081	U		<0.0047	U		<0.049	U		<0 0041	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-21-5-072017	7/20/2017	0 0096			<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-21-5-103117	10/31/2017	<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-21-5-012318	1/23/2018	0.055			<0.0047	U		<0 0053	U		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		<0 0038	U	
		VMP-21-5-041318	4/13/2018	0 0069	J		<0.0051	U		<0 0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0042	U	
	10 ft	VMP-21-10-072017	7/20/2017	0.01			<0.0053	U		0.0012	J		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-21-10-103117	10/31/2017	0.038			<0.0048	U		<0 0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0 0039	U	
		VMP-21-10-012318	1/23/2018	<0.0083	J	U	<0.0048	U		<0 0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0 0039	U	
		VMP-21-10-041318	4/13/2018	<0.0091	J	U	<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0 0042	U	
	25 ft	VMP-21-25-072017	7/20/2017	<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-21-25-103117	10/31/2017	<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-21-25-012318	1/23/2018	0.033			<0.0049	U		<0 0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0 0039	U	
		VMP-21-25-041318	4/13/2018	0 0074	J		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0 0043	U	
	33 ft	VMP-21-33-072017	7/20/2017	0 0066	J		0.00097	J		<0 0056	U		<0.0087	U		<0.0079	U		0 0015	J		<0.048	U		0.0025	J	
		VMP-21-33-072017-DUP	7/20/2017	0 0054	J		0.00098	J		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		0.0026	J	
		VMP-21-33-103117	10/31/2017	0.014			<0.0049	U		<0 0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-21-33-012318	1/23/2018	0.013			<0.0047	U		<0 0053	U		<0.0083	U		<0.0076	U		0 0028	J		<0.046	U		0.0036	J	
		VMP-21-33-012318-DUP	1/23/2018	0.018			<0.0048	U		<0 0054	U		<0.0084	U		<0.0076	U		0 0016	J		<0.047	U		0.0029	J	
		VMP-21-33-041318	4/13/2018	<0.0097	J	U	<0.0056	U		<0 0063	U		<0.0099	U		<0 009	U		<0.0053	U		<0.055	U		<0 0045	U	
VMP-22	5 ft	VMP-22-5-072617	7/26/2017	<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-22-5-102617	10/26/2017	<0.0083	J	U	<0.0048	U		<0 0054	U		<0.0085	U		<0.0077	U		<0.0045	U		<0.047	U		<0 0039	U	
		VMP-22-5-013018	1/30/2018	0 0053	J		<0.0049	U		0.017			<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		0.0014	J	
		VMP-22-5-041318	4/13/2018	<0.009	J	U	<0.0052	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0 0042	U	
	10 ft	VMP-22-10-072617	7/26/2017	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		0 0025	J		<0.052	U		0 002	J	
		VMP-22-10-102617	10/26/2017	<0.009	J	U	<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		0 0012	J		<0.051	U		<0 0042	U	
		VMP-22-10-013018	1/30/2018	0.003	J		<0.0046	U		0.0016	J		<0.0082	U		<0.0075	U		<0.0044	U		<0.046	U		0.0022	J	
		VMP-22-10-050118	5/1/2018	0.007	J		<0.0055	U		0.0022	J		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0 0044	U	
	18 ft	VMP-22-18-072617	7/26/2017	0 0083	J		<0.0059	U		<0 0067	U		0.012			<0.0095	U		<0.0056	U		<0.058	U		<0 0048	U	
		VMP-22-18-102617	10/26/2017	<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-22-18-013018	1/30/2018	0 0058	J		<0.0046	U		<0 0052	U		<0.0081	U		<0.0074	U		<0.0043	U		<0.045	U		<0 0037	U	
		VMP-22-18-041318	4/13/2018	<0.0098	J	U	<0.0057	U		<0 0064	U		<0 01	U		<0.0091	U		<0.0053	U		<0.056	U		<0 0046	U	
		VMP-22-18-041318-DUP	4/13/2018	<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	
	38 ft	VMP-22-38-072617	7/26/2017	<0.009	U		<0.0052	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		0.0016	J	
		VMP-22-38-072617-DUP	7/26/2017	0 0058	J		<0.0051	U		<0 0058	U		0.003	J		<0.0083	U		<0.0048	U		<0.05	U		<0 0042	U	
		VMP-22-38-102617	10/26/2017	0 0087	J	J	<0.0051	U		<0 0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0042	U	
		VMP-22-38-013018	1/30/2018	0.004	J		<0.0049	U		<0 0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		0.0018	J	
		VMP-22-38-050118	5/1/2018	0.02			<0.0055	U		0.0014	J		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0029	J	
VMP-23	5 ft	VMP-23-5-072017	7/20/2017	0 0078	J		<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		0 0012	J		<0.051	U		0.0016	J	
		VMP-23-5-102517	10/25/2017	<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-23-5-012318	1/23/2018	<0.0097	J	U	<0.0056	U		<0 0063	U		<0.0099	U		<0 009	U		<0.0053	U		<0.055	U		<0 0045	U	
		VMP-23-5-041618	4/16/2018	0 0037	J		<0.0049	U		<0 0056	U		<0.0087	U		<0 008	U		<0.0047	U		<0.049	U		<0.004	U	
	10 ft	VMP-23-10-072017	7/20/2017	0.019			<0.0051	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		0.00071	J	
		VMP-23-10-102517	10/25/2017	0.038			<0.0051	U		<0 0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-23-10-012318	1/23/2018	0.037			<0.0049	U		<0 0055	U		<0.0086	U		<0.0078	U		0 0017	J		<0.048	U		<0 0039	U	
		VMP-23-10-041618	4/16/2018	0.009			<0.005	U		<0 0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		<0 0041	U	
	25 ft	VMP-23-25-072017	7/20/2017	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-23-25-102517	10/25/2017	0.013			<0.0051	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0 0042	U	
		VMP-23-25-012318	1/23/2018	<0.0083	J	U	<0.0048	U		<0 0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		0.00096	J	
		VMP-23-25-041618	4/16/2018	0 0049	J		<0.0049	U		<0 0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
	40 ft	VMP-23-40-012318	1/23/2018	<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-23-40-041618	4/16/2018	<0.0083	U		<0.0048	U		<0 0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0 0039	U	

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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-24-5-072117	7/21/2017	0.019			<0.0054	U		<0 0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0 0044	U	
		VMP-24-5-102517	10/25/2017	<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-24-5-012418	1/24/2018	0.006	J		0.0011	J		<0 0056	U		<0.0087	U		<0.0079	U		0.004	J		<0.048	U		0.0047		
		VMP-24-5-042518	4/25/2018	0.011			<0.0054	U		<0 0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0 0044	U	
	10 ft	VMP-24-10-072117	7/21/2017	0.014			<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-24-10-102517	10/25/2017	<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-24-10-012418	1/24/2018	0 0026	J		<0.0048	U		<0 0054	U		<0.0084	U		<0.0076	U		0 0013	J		<0.047	U		<0 0038	U	
		VMP-24-10-042518	4/25/2018	<0.009	U		<0.0052	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0 0042	U	
	22 ft	VMP-24-22-072117	7/21/2017	0.013			<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0 0042	U	
		VMP-24-22-102517	10/25/2017	<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-24-22-013118	1/31/2018	0 0048	J		0.0017	J		<0 0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-24-22-042518	4/25/2018	<0.0086	U		<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		<0.004	U	
	34 ft	VMP-24-34-072117	7/21/2017	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-24-34-072117-DUP	7/21/2017	0.011			<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-24-34-102517	10/25/2017	0.016			<0.005	U		<0 0057	U		<0.0088	U		<0.0081	U		<0.0047	U		<0.049	U		<0 0041	U	
		VMP-24-34-012418	1/24/2018	0.003	J		<0.0046	U		<0 0052	U		<0.0081	U		<0.0074	U		0 0028	J		<0.045	U		0.0031	J	
		VMP-24-34-042518	4/25/2018	0 0062	J		<0.0054	U		<0 0061	U		<0.0095	U		<0.0086	U		0 0076			<0.053	U		0 016		
		VMP-24-34-042518-DUP	4/25/2018	<0.009	U		<0.0052	U		<0 0058	U		<0.0091	U		<0.0083	U		0.005			<0.051	U		0.0087		
VMP-32	5 ft	VMP-32-5-072417	7/24/2017	0.028			0.009			0.0026	J		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0 0042	U	
		VMP-32-5-103117	10/31/2017	0.032			<0.0049	U		<0 0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-32-5-012918	1/29/2018	0 0066	J		<0.0047	U		<0 0053	U		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		<0 0038	U	
		VMP-32-5-032818	3/28/2018	0 0077	J		<0.0052	U		<0 0058	U		<0.0091	U		<0.0083	U		0 0039	J		<0.051	U		0.0044		
		VMP-32-5-041018	4/10/2018	0.014			<0.0048	U		<0 0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		0.00044	J	
	10 ft	VMP-32-10-072417	7/24/2017	0 0077	J		0.0058			0.0016	J		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-32-10-103117	10/31/2017	<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-32-10-012918	1/29/2018	<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-32-10-032818	3/28/2018	0 0056	J		<0.0054	U		<0 0061	U		<0.0095	U		<0.0087	U		0 0018	J		<0.053	U		<0 0044	U	
		VMP-32-10-041018	4/10/2018	0 0029	J		<0.005	U		0.0007	J		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		<0 0041	U	
	20 ft	VMP-32-20-072417	7/24/2017	<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-32-20-103117	10/31/2017	<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-32-20-012918	1/29/2018	<0.0076	U		<0.0044	U		<0.005	U		<0.0077	U		<0.0071	U		<0.0041	U		<0.043	U		<0 0036	U	
		VMP-32-20-032818	3/28/2018	0 0056	J		<0.0049	U		<0 0056	U		<0.0087	U		<0 008	U		0.00097	J		<0.049	U		<0.004	U	
		VMP-32-20-041018	4/10/2018	0.004	J		<0.0049	U		<0 0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		0.00036	J	
	30 ft	VMP-32-30-072417	7/24/2017	0.023			0.002	J		<0 0061	U		<0.0095	U		<0.0086	U		0 0024	J		<0.053	U		0 004	J	
		VMP-32-30-072417-DUP	7/24/2017	<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-32-30-103117	10/31/2017	0.012	J		<0.0097	U		<0.011	U		<0.017	U		<0 016	U		<0.0092	U		<0.096	U		0.0018	J	
		VMP-32-30-012918	1/29/2018	0 0049	J		<0.0049	U		<0 0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0 0039	U	
		VMP-32-30-032818	3/28/2018	0 0034	J		<0.005	U		<0 0057	U		<0.0089	U		<0.0081	U		0 0016	J		<0.049	U		<0 0041	U	
		VMP-32-30-041018	4/10/2018	0 0074	J		0.0011	J		<0 0054	U		<0.0084	U		<0.0077	U		0 0062			<0.047	U		0 016		
		VMP-32-30-041018-DUP	4/10/2018	0 0057	J		0.00086	J		<0 0052	U		<0.008	U		<0.0073	U		0 0058			<0.045	U		0 016		
VMP-42	10 ft	VMP-42-10-072017	7/20/2017	<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-42-10-110117	11/1/2017	0.017			<0.0044	U		<0.005	U		<0.0078	U		<0.0072	U		<0.0042	U		<0.044	U		<0 0036	U	
		VMP-42-10-012318	1/23/2018	0.033			<0.0048	U		<0 0054	U		<0.0085	U		<0.0078	U		<0.0045	U		<0.047	U		<0 0039	U	
		VMP-42-10-041918	4/19/2018	<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-42-20-072017	7/20/2017	0 0099			0.0029	J		<0 0056	U		<0.0088	U		<0 008	U		0 0023	J		<0.049	U		0.0019	J	
		VMP-42-20-110117	11/1/2017	0 0094			<0.0048	U		<0 0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0 0039	U	
		VMP-42-20-012318	1/23/2018	0.013			<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		0.0011	J	
		VMP-42-20-041918	4/19/2018	<0.0081	U		<0.0047	U		<0 0053	U		<0.0083	U		<0.0076	U		0 0016	J		<0.046	U		<0 0038	U	
	30 ft	VMP-42-30-072017	7/20/2017	0 0062	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-42-30-110117	11/1/2017	0.018		J	<0.0048	U		<0 0055	U		<0.0085	U		<0.0078	U		0.001	J		<0.048	U		<0 0039	U	
		VMP-42-30-110117-DUP	11/1/2017	0.12		J	<0.0046	U		<0 0053	U		<0.0082	U		<0.0075	U		0 0023	J		<0.046	U		<0 0038	U	
		VMP-42-30-012318	1/23/2018	<0.0078		U	<0.0044	U		<0 0049	U		<0.0077	U		<0 007	U		<0.0041	U		<0.043	U		<0 0035	U	
		VMP-42-30-041918	4/19/2018	<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-43	10 ft	VMP-43-10-072417	7/24/2017	0 0079	J		0.0036	J		0.0019	J		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0 0044	U	
		VMP-43-10-102717	10/27/2017	0 0091			<0.0049	U		<0 0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-43-10-012618	1/26/2018	0 0059	J		<0.0046	U		<0 0052	U		<0.0082	U		<0.0074	U		<0.0044	U		<0.045	U		<0 0038	U	
		VMP-43-10-041218	4/12/2018	0 0041	J		<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0 0042	U	
	20 ft	VMP-43-20-072417	7/24/2017	0.019			0.0032	J		<0 0063	U		<0.0098	U		<0 009	U		<0.0053	U		<0.055	U		<0 0045	U	
		VMP-43-20-102717	10/27/2017	0.023			<0.0051	U		<0 0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-43-20-012618	1/26/2018	0 0062	J		<0.0052	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0 0042	U	
		VMP-43-20-041218	4/12/2018	0 0052	J		<0.0049	U		<0 0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
	30 ft	VMP-43-30-072417	7/24/2017	0.023			<0.0051	U		<0 0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-43-30-102717	10/27/2017	0.018			<0.0049	U		<0 0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-43-30-012618	1/26/2018	<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-43-30-041218	4/12/2018	0.011			<0.0051	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		0.0017	J	
		VMP-43-30-041218-DUP	4/12/2018	0.014			<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.0017	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	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-44-10-072517	7/25/2017	0 0093	J		<0.0055	U		<0 0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0 0044	U	
		VMP-44-10-102517	10/25/2017	0 0081	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-44-10-012518	1/25/2018	0.006	J		<0.005	U		<0 0057	U		<0.0088	U		<0.0081	U		<0.0047	U		<0.049	U		0.0018	J	
		VMP-44-10-042318	4/23/2018	<0.0091	U		<0.0052	U		<0 0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0 0043	U	
	20 ft	VMP-44-20-072517	7/25/2017	<0.0098	U		<0.0056	U		<0 0064	U		<0.0099	U		<0 009	U		<0.0053	U		<0.055	U		<0 0046	U	
		VMP-44-20-102517	10/25/2017	<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-44-20-012518	1/25/2018	0 0057	J		<0.0049	U		<0 0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		0.0024	J	
		VMP-44-20-042718	4/27/2018	<0.0091	U		<0.0052	U		<0 0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0 0043	U	
	30 ft	VMP-44-30-072517	7/25/2017	0.014			<0.0055	U		<0 0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0 0044	U	
		VMP-44-30-102517	10/25/2017	0 0094			<0.0051	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0 0042	U	
		VMP-44-30-102517-DUP	10/25/2017	0 0072	J		<0.005	U		<0 0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		0.0049		
		VMP-44-30-012518	1/25/2018	0 0068	J		<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		0 0015	J		<0.049	U		0.0042		
		VMP-44-30-012518-DUP	1/25/2018	0 0051	J		<0.0049	U		<0 0056	U		<0.0087	U		<0 008	U		0 0019	J		<0.049	U		0.0048		
		VMP-44-30-052118	5/21/2018	0 0026	J		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		0.0018	J	
VMP-45	10 ft	VMP-45-10-072517	7/25/2017	<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-45-10-103117	10/31/2017	0.035			<0.0048	U		<0 0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.047	U		<0 0038	U	
		VMP-45-10-012418	1/24/2018	0 0043	J		<0.0047	U		<0 0053	U		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		<0 0038	U	
		VMP-45-10-041818	4/18/2018	0.011			<0.005	U		<0 0057	U		<0.0088	U		<0.0081	U		0.00079	J		<0.049	U		0.0016	J	
	20 ft	VMP-45-20-072517	7/25/2017	<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-45-20-103117	10/31/2017	0.016			<0.0047	U		<0 0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.046	U		<0 0038	U	
		VMP-45-20-012418	1/24/2018	0 0032	J		<0.0048	U		<0 0054	U		<0.0084	U		<0.0077	U		0 0015	J		<0.047	U		<0 0039	U	
		VMP-45-20-041818	4/18/2018	0 0046	J		<0.005	U		<0 0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		0.00071	J	
	30 ft	VMP-45-30-072517	7/25/2017	0.014			<0.0055	U		<0 0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0 0044	U	
		VMP-45-30-103117	10/31/2017	0.012			<0.0048	U		<0 0055	U		<0.0085	U		<0.0078	U		<0.0046	U		<0.048	U		<0 0039	U	
		VMP-45-30-012418	1/24/2018	0.024			<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-45-30-041818	4/18/2018	0.017			<0.0051	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		0.00069	J	
VMP-47	5 ft	VMP-47-5-072417	7/24/2017	0 0064	J		<0.0052	U		<0 0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-47-5-102617	10/26/2017	0 0036	J		<0.0052	U		0.0024	J		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0 0042	U	
		VMP-47-5-012618	1/26/2018	0 0088			<0.0049	U		<0 0056	U		<0.0087	U		<0 008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-47-5-042718	4/27/2018	0.02			<0.0054	U		<0 0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0 0044	U	
	10 ft	VMP-47-10-072417	7/24/2017	<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-47-10-102617	10/26/2017	<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-47-10-012618	1/26/2018	0 0097			<0.0048	U		<0 0055	U		<0.0085	U		<0.0078	U		0 0023	J		<0.048	U		<0 0039	U	
		VMP-47-10-042718	4/27/2018	0.016			<0.0052	U		<0 0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0 0043	U	
	20 ft	VMP-47-20-072417	7/24/2017	0.058			<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.0015	J	
		VMP-47-20-102617	10/26/2017	<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-47-20-012618	1/26/2018	<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-47-20-012618-DUP	1/26/2018	0 0051	J		<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-47-20-042718	4/27/2018	<0.0091	U		<0.0052	U		<0 0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0 0043	U	
	30 ft	VMP-47-30-072417	7/24/2017	<0.0094	U		0.017			0.0073			<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0 0044	U	
		VMP-47-30-102617	10/26/2017	0 0079	J		0.0026	J		<0 0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0 0044	U	
		VMP-47-30-012618	1/26/2018	0 0067	J		<0.005	U		<0 0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-47-30-042718	4/27/2018	0.027			<0.0052	U		<0 0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-47-30-042718-DUP	4/27/2018	0.024			<0.0052	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0 0042	U	
VMP-48	5 ft	VMP-48-5-072117	7/21/2017	<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-48-5-103117	10/31/2017	0.012			<0.0047	U		<0 0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.046	U		<0 0038	U	
		VMP-48-5-012618	1/26/2018	<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-48-5-042718	4/27/2018	3			<0.014	U		<0.016	U		<0.025	U		<0 022	U		<0.013	U		<0.14	U		<0.011	U	
	10 ft	VMP-48-10-072117	7/21/2017	<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-48-10-103117	10/31/2017	0.014			<0.0048	U		<0 0054	U		<0.0085	U		<0.0077	U		<0.0045	U		<0.047	U		<0 0039	U	
		VMP-48-10-012618	1/26/2018	0.03			<0.0048	U		<0 0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.047	U		<0 0038	U	
		VMP-48-10-042718	4/27/2018	<0.0093	U		<0.0054	U		<0 0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0 0044	U	
	20 ft	VMP-48-20-072117	7/21/2017	<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-48-20-103117	10/31/2017	0.015			<0.0046	U		<0 0052	U		<0.0081	U		<0.0074	U		<0.0043	U		<0.045	U		<0 0037	U	
		VMP-48-20-012618	1/26/2018	0 0076	J		0.0016	J		<0 0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.046	U		<0 0038	U	
		VMP-48-20-042718	4/27/2018	0.21			<0.0055	U		<0 0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0 0044	U	
	30 ft	VMP-48-30-072117	7/21/2017	0.012			<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-48-30-103117	10/31/2017	0.01			<0.0049	U		<0 0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		0.0019	J	
		VMP-48-30-103117-DUP	10/31/2017	0 0072	J		<0.0048	U		<0 0054	U		<0.0085	U		<0.0078	U		<0.0045	U		<0.047	U		0.0015	J	
		VMP-48-30-012618	1/26/2018	0.031			<0.0049	U		<0 0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0 0039	U	
		VMP-48-30-042718	4/27/2018	0.017			<0.0052	U		<0 0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-48-30-042718-DUP	4/27/2018	0.014			<0.0056	U		<0 0063	U		<0.0099	U		<0 009	U		<0.0053	U		<0.055	U		<0 0045	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-49-5-072617	7/26/2017	0 0078	J		<0.0053	U		<0 006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-49-5-102717	10/27/2017	0.026			<0.0049	U		<0 0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		0.0015	J	
		VMP-49-5-012618	1/26/2018	<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-49-5-041918	4/19/2018	<0.0091	U		<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0 0042	U	
	10 ft	VMP-49-10-072617	7/26/2017	<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-49-10-102717	10/27/2017	<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-49-10-012618	1/26/2018	0.035			<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-49-10-041918	4/19/2018	<0.0089	U		<0.0051	U		<0 0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0042	U	
	20 ft	VMP-49-20-072617	7/26/2017	<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-49-20-102717	10/27/2017	0 0093			<0.0047	U		<0 0053	U		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		<0 0038	U	
		VMP-49-20-012618	1/26/2018	<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-49-20-041918	4/19/2018	<0.0083	U		<0.0048	U		<0 0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0 0039	U	
	30 ft	VMP-49-30-072617	7/26/2017	<0.0094	U	UJ	<0.0054	U		<0 0061	U		<0.0096	U		<0.0087	U		0.002	J		<0.053	U		0.0026	J	
		VMP-49-30-072617-DUP	7/26/2017	0.034		J	<0.0054	U		<0 0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		0.0026	J	
		VMP-49-30-102717	10/27/2017	0.013			<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-49-30-012618	1/26/2018	0.01			<0.0052	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0 0042	U	
		VMP-49-30-042718	4/27/2018	<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-50	5 ft	VMP-50-5-072617	7/26/2017	0 0061	J		<0.0055	U		<0 0062	U		0.0052	J		<0.0088	U		<0.0052	U		<0.054	U		<0 0044	U	
		VMP-50-5-110117	11/1/2017	0 0063	J		<0.0048	U		<0 0054	U		<0.0085	U		<0.0078	U		<0.0045	U		<0.047	U		<0 0039	U	
		VMP-50-5-013118	1/31/2018	0.036			<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		0 0024	J		<0.051	U		0.0035	J	
		VMP-50-5-032918	3/29/2018	0.011			<0.005	U		<0 0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-50-5-041018	4/10/2018	<0 2	U		<0.12	U		<0.13	U		<0 21	U		<0.19	U		<0.11	U		<1.2	U		0.07	J	
	10 ft	VMP-50-10-072617	7/26/2017	0 0061	J		<0.0055	U		<0 0062	U		0.0064	J		<0.0088	U		<0.0052	U		<0.054	U		0.0007	J	
		VMP-50-10-110117	11/1/2017	0 0096			<0.0048	U		<0 0054	U		<0.0085	U		<0.0077	U		<0.0045	U		<0.047	U		<0 0039	U	
		VMP-50-10-013118	1/31/2018	0 0049	J		<0.0049	U		<0 0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-50-10-032918	3/29/2018	0.022			<0.0049	U		<0 0055	U		<0.0086	U		<0.0078	U		0 0017	J		<0.048	U		0.0026	J	
		VMP-50-10-041018	4/10/2018	<0.028	U		<0.016	U		<0.018	U		<0.029	U		<0 026	U		<0.015	U		<0.16	U		<0.013	U	
	20 ft	VMP-50-20-072617	7/26/2017	0 0052	J		<0.0053	U		<0.006	U		0.0026	J		<0.0086	U		<0.005	U		<0.052	U		0.00059	J	
		VMP-50-20-110117	11/1/2017	0.078			<0.0046	U		<0 0052	U		<0.0082	U		<0.0074	U		0 0011	J		<0.045	U		<0 0038	U	
		VMP-50-20-013118	1/31/2018	0.013	J		<0.02	U		<0.023	U		<0.035	U		<0 032	U		1.4			<0.2	U		2.8		
		VMP-50-20-013118-DUP	1/31/2018	0.019	J		<0.02	U		<0.023	U		<0.036	U		<0 033	U		1.7			<0.2	U		3.4		
		VMP-50-20-032918	3/29/2018	0.006	J		<0.0049	U		<0 0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		0.0026	J	
		VMP-50-20-041018	4/10/2018	<0.86	U		<0.49	U		<0.56	U		<0 87	U		<0.79	U		18			<4.8	U		34		
		VMP-50-20-041018-DUP	4/10/2018	<0.86	U		<0.5	U		<0.56	U		<0 88	U		<0.8	U		18			<4.9	U		34		
	30 ft	VMP-50-30-072617	7/26/2017	<0.12	U		0.74			0.86			<0.13	U		<0.12	U		2			<0.7	U		3.9		
		VMP-50-30-110117	11/1/2017	0.048	J		0.9			1.1		J	<0.085	U		<0 078	U		1.2			<0.47	U		4.5		
		VMP-50-30-110117-DUP	11/1/2017	<0.082	U		1			1.2		J	<0.083	U		<0 076	U		1.2			<0.46	U		4.8		
		VMP-50-30-013118	1/31/2018	<0.085	U		0.41			0.26			<0.087	U		<0 079	U		5.4			<0.48	U		12		
		VMP-50-30-032918	3/29/2018	<0.12	U		0 29			0.21			<0.12	U		<0.11	U		2.9			<0.66	U		5.2		
		VMP-50-30-032918-DUP	3/29/2018	<0.11	U		0.3			0.2			<0.11	U		<0.1	U		2.8			<0.62	U		5.2		
		VMP-50-30-041018	4/10/2018	<1 8	U		0.42	J		0.44	J		<1.8	U		<1.6	U		6.4			<9.9	U		17		
VMP-51	5 ft	VMP-51-5-072017	7/20/2017	0 0063	J		<0.0055	U		<0 0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0 0045	U	
		VMP-51-5-103017	10/30/2017	<0.0085	J	U	<0.0049	U		<0 0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-51-5-012318	1/23/2018	0 0036	J		<0.0049	U		<0 0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0 0039	U	
		VMP-51-5-041618	4/16/2018	0 0034	J		<0.0048	U		<0 0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.047	U		<0 0038	U	
	10 ft	VMP-51-10-072017	7/20/2017	0 0049	J		<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		0.00098	J	
		VMP-51-10-103017	10/30/2017	<0.0086	J	U	<0.0049	U		<0 0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-51-10-012318	1/23/2018	0.029			<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		0 0013	J		<0.049	U		0 002	J	
		VMP-51-10-041618	4/16/2018	<0.0079	U		<0.0045	U		<0 0051	U		<0.008	U		<0.0073	U		<0.0043	U		<0.044	U		<0 0037	U	
	20 ft	VMP-51-20-072017	7/20/2017	0.007	J		<0.0051	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		0.0011	J	
		VMP-51-20-103017	10/30/2017	0.021			<0.0051	U		<0 0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-51-20-012318	1/23/2018	0 0049	J	J	<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-51-20-012318-DUP	1/23/2018	0.024		J	<0.0046	U		<0 0052	U		<0.0082	U		<0.0074	U		0 0014	J		<0.045	U		<0 0038	U	
		VMP-51-20-041618	4/16/2018	<0.008	U		<0.0046	U		<0 0052	U		<0.0081	U		<0.0074	U		<0.0043	U		<0.045	U		<0 0037	U	
	30 ft	VMP-51-30-072017	7/20/2017	0 0069	J		<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0 0042	U	
		VMP-51-30-103017	10/30/2017	0.016			<0.0048	U		<0 0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0 0039	U	
		VMP-51-30-012318	1/23/2018	0 0056	J		<0.006	U		<0 0068	U		<0 01	U		<0.0096	U		<0.0056	U		<0.059	U		<0 0049	U	
		VMP-51-30-041618	4/16/2018	<0.0086	U		<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		<0.004	U	

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-52-5-072117	7/21/2017	0.008	J		<0.0054	U		<0 0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0 0044	U	
		VMP-52-5-102517	10/25/2017	0.026			<0.0049	U		<0 0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-52-5-012418	1/24/2018	0 0032	J		<0.0048	U		<0 0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0 0039	U	
		VMP-52-5-042618	4/26/2018	<0.0097	U		<0.0056	U		<0 0063	U		<0.0099	U		<0 009	U		<0.0053	U		<0.055	U		<0 0045	U	
	10 ft	VMP-52-10-072117	7/21/2017	<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-52-10-102517	10/25/2017	<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-52-10-012418	1/24/2018	0.006	J		0.0013	J		<0 0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-52-10-042618	4/26/2018	<0.0097	U		<0.0056	U		<0 0063	U		<0.0099	U		<0 009	U		<0.0053	U		0.007	J		<0 0045	U	
	20 ft	VMP-52-20-072117	7/21/2017	<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-52-20-102517	10/25/2017	<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-52-20-012418	1/24/2018	<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-52-20-012418-DUP	1/24/2018	<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-52-20-042618	4/26/2018	0.015			<0.0054	U		<0 0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0 0044	U	
	30 ft	VMP-52-30-072117	7/21/2017	<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-52-30-102517	10/25/2017	0.012			<0.005	U		<0 0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		<0 0041	U	
		VMP-52-30-102517-DUP	10/25/2017	<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-52-30-012418	1/24/2018	0 0048	J		<0.0045	U		<0 0051	U		<0.008	U		<0.0073	U		<0.0043	U		<0.044	U		<0 0037	U	
		VMP-52-30-042618	4/26/2018	<0.01	U		<0.0058	U		<0 0066	U		<0 01	U		<0.0094	U		<0.0055	U		<0.057	U		<0 0047	U	
VMP-53	5 ft	VMP-53-5-071917	7/19/2017	0.01			<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-53-5-110117	11/1/2017	<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-53-5-012218	1/22/2018	0 0076	J		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-53-5-032918	3/29/2018	0 0097			<0.0052	U		0.0032	J		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0 0042	U	
		VMP-53-5-041018	4/10/2018	0.02			<0.005	U		<0 0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		0.00069	J	
	10 ft	VMP-53-10-071917	7/19/2017	0.011			<0.0052	U		<0 0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-53-10-110117	11/1/2017	<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-53-10-012218	1/22/2018	0.016			<0.0052	U		<0 0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		0 001	J	
		VMP-53-10-032918	3/29/2018	0.028			<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-53-10-041018	4/10/2018	0.014			<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		0.00065	J		<0.049	U		<0.004	U	
	20 ft	VMP-53-20-071917	7/19/2017	0.012			<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-53-20-110117	11/1/2017	<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-53-20-012218	1/22/2018	0.007	J	J	<0.0051	U		<0 0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0 0041	U	
		VMP-53-20-012218-DUP	1/22/2018	0 0099	J0	J	<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.0017	J	
		VMP-53-20-032918	3/29/2018	0.026			<0.0051	U		<0 0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		0.0011	J	
		VMP-53-20-041018	4/10/2018	0.016			<0.005	U		<0 0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		<0 0041	U	
	30 ft	VMP-53-30-071917	7/19/2017	0 0092	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		0.0018	J	
		VMP-53-30-071917-DUP	7/19/2017	0.01			<0.0052	U		<0 0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-53-30-110117	11/1/2017	0 0043	J		<0.0048	U		<0 0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0 0039	U	
		VMP-53-30-012218	1/22/2018	<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-53-30-032918	3/29/2018	0 0094			<0.0051	U		<0 0058	U		<0.009	U		<0.0082	U		0 0042	J		<0.05	U		0 004	J	
		VMP-53-30-041018	4/10/2018	<0.0081	U		<0.0047	U		<0 0053	U		<0.0082	U		<0.0075	U		<0.0044	U		<0.046	U		0.00092	J	
VMP-54	5 ft	VMP-54-5-071917	7/19/2017	0.017			<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-54-5-102617	10/26/2017	0.033			<0.0047	U		<0 0053	U		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		<0 0038	U	
		VMP-54-5-012218	1/22/2018	0.071	J0	J	<0.005	U		<0 0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		<0 0041	U	
		VMP-54-5-041818	4/18/2018	0 0061	J		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		0 0026	J		<0.052	U		0.0016	J	
	10 ft	VMP-54-10-071917	7/19/2017	0.016			<0.0054	U		<0 0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0 0044	U	
		VMP-54-10-102617	10/26/2017	0 0072	J		<0.0049	U		<0 0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0 0039	U	
		VMP-54-10-012218	1/22/2018	0.12	J0	J	<0.0051	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0 0042	U	
		VMP-54-10-041818	4/18/2018	0 0093			<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.00049	J	
	20 ft	VMP-54-20-071917	7/19/2017	0.023			<0.0054	U		<0 0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0 0044	U	
		VMP-54-20-102617	10/26/2017	0.026			<0.0046	U		<0 0053	U		<0.0082	U		<0.0075	U		<0.0044	U		<0.046	U		<0 0038	U	
		VMP-54-20-012218	1/22/2018	0.012	J0	J	<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-54-20-041818	4/18/2018	0 0069	J		<0.005	U		<0 0057	U		<0.0088	U		<0.0081	U		<0.0047	U		<0.049	U		<0 0041	U	
	30 ft	VMP-54-30-071917	7/19/2017	0.016			<0.0057	U		<0 0064	U		<0 01	U		<0.0092	U		<0.0054	U		<0.056	U		<0 0046	U	
		VMP-54-30-102617	10/26/2017	0.012		J	<0.0048	U		<0 0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0 0039	U	
		VMP-54-30-102617-DUP	10/26/2017	0 0081	J	J	<0.0049	U		<0 0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0 0039	U	
		VMP-54-30-012218	1/22/2018	0 0099	J0	J	<0.0051	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		0 001	J	
		VMP-54-30-041818	4/18/2018	0 0057	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		0.00084	J		<0.052	U		0.00081	J	
VMP-56	10 ft	VMP-56-10-072117	7/21/2017	0.019			<0.0056	U		<0 0064	U		<0.0099	U		<0 009	U		<0.0053	U		<0.055	U		<0 0046	U	
		VMP-56-10-102717	10/27/2017	<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-56-10-012918	1/29/2018	0.039			<0.0048	U		<0 0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		0.0022	J	
		VMP-56-10-050118	5/1/2018	<0.0094	U		<0.0054	U		<0 0061	U		<0.0095	U		<0.0087	U		0 0012	J		<0.053	U		0.0017	J	
	25 ft	VMP-56-25-072117	7/21/2017	0.014			<0.0054	U		<0 0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0 0044	U	
		VMP-56-25-102717	10/27/2017	<0.0086	U		<0.0049	U		<0 0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		0.0015	J	
		VMP-56-25-012918	1/29/2018	0.017			<0.0049	U		<0 0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-56-25-050118	5/1/2018	<0.0091	U		<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.0014	J	
	38.5 ft	VMP-56-38.5-050118	5/1/2018	<36	U		560			77			<37	U		<34	U		2500			<210	U		12000		

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-62	5 ft	VMP-62-5-072517	7/25/2017	2.1			0.0018	J		<0 0052	U		<0.0082	U		<0.0074	U		<0.0044	U		<0.045	U		0.0016	J	
		VMP-62-5-083017	8/30/2017	0.027			<0.0054	U		<0 0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0 0044	U	
		VMP-62-5-110317	11/3/2017	0 0056	J		<0.0049	U		<0 0055	U		<0.0086	U		<0.0078	U		0.03			<0.048	U		0 014		
		VMP-62-5-012918	1/29/2018	0.051			<0.0047	U		<0 0053	U		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		<0 0038	U	
		VMP-62-5-032818	3/28/2018	0.006	J		<0.0049	U		<0 0055	U		<0.0086	U		<0.0078	U		0 0013	J		<0.048	U		<0 0039	U	
		VMP-62-5-041018	4/10/2018	<0.0084	U		<0.0049	U		<0 0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0 0039	U	
	10 ft	VMP-62-10-072517	7/25/2017	0.018			<0.0051	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0 0042	U	
		VMP-62-10-110317	11/3/2017	0.015			<0.0048	U		<0 0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0 0039	U	
		VMP-62-10-012918	1/29/2018	0.036			<0.0046	U		<0 0052	U		<0.0082	U		<0.0074	U		<0.0044	U		<0.045	U		<0 0038	U	
		VMP-62-10-032818	3/28/2018	0 0067	J		<0.0047	U		<0 0053	U		<0.0082	U		<0.0075	U		0 0021	J		<0.046	U		0.0031	J	
		VMP-62-10-041018	4/10/2018	<0.0083	U		<0.0048	U		<0 0054	U		<0.0085	U		<0.0077	U		<0.0045	U		<0.047	U		<0 0039	U	
	20 ft	VMP-62-20-072517	7/25/2017	<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-62-20-110317	11/3/2017	0.72			<0.0049	U		<0 0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0 0039	U	
		VMP-62-20-012918	1/29/2018	0.044			<0.0045	U		<0 0051	U		<0.008	U		<0.0073	U		<0.0043	U		<0.044	U		<0 0037	U	
		VMP-62-20-032818	3/28/2018	0.006	J		<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0 0042	U	
	30 ft	VMP-62-30-072517	7/25/2017	<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-62-30-072517-DUP	7/25/2017	0 0062	J		<0.0051	U		<0 0058	U		<0.009	U		<0.0082	U		0 0023	J		<0.05	U		0.0023	J	
		VMP-62-30-110317	11/3/2017	0 0062	J		<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-62-30-110317-DUP	11/3/2017	0.012			<0.0049	U		<0 0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0 0039	U	
		VMP-62-30-012918	1/29/2018	0.012			<0.0045	U		<0 0051	U		<0.008	U		<0.0073	U		0 0015	J		<0.044	U		0.0027	J	
		VMP-62-30-012918-DUP	1/29/2018	0.01			<0.0046	U		<0 0053	U		<0.0082	U		<0.0075	U		<0.0044	U		<0.046	U		<0 0038	U	
		VMP-62-30-032818	3/28/2018	0 0077	J		<0.0047	U		<0 0053	U		<0.0083	U		<0.0076	U		0 0024	J		<0.046	U		0.0027	J	
		VMP-62-30-032818-DUP	3/28/2018	0 0058	J		<0.0046	U		<0 0053	U		<0.0082	U		<0.0075	U		0 0014	J		<0.046	U		<0 0038	U	
		VMP-62-30-041018	4/10/2018	<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-63	5 ft	VMP-63-5-072517	7/25/2017	0.01			0.003	J		0.00092	J		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0 0042	U	
		VMP-63-5-110117	11/1/2017	<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-63-5-012618	1/26/2018	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-63-5-041918	4/19/2018	0.011			<0.0046	U		<0 0052	U		<0.0081	U		<0.0074	U		0 0013	J		<0.045	U		0.0014	J	
	10 ft	VMP-63-10-072517	7/25/2017	0.003	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0 0043	U	
		VMP-63-10-110117	11/1/2017	0.098			<0.0048	U		<0 0054	U		<0.0085	U		<0.0078	U		<0.0045	U		<0.047	U		<0 0039	U	
		VMP-63-10-012618	1/26/2018	<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-63-10-041918	4/19/2018	<0.0083	U		<0.0048	U		<0 0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0 0039	U	
	20 ft	VMP-63-20-072517	7/25/2017	0 0057	J		0.0018	J		0.0006	J		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0 0044	U	
		VMP-63-20-110117	11/1/2017	0.059			<0.0048	U		<0 0054	U		<0.0085	U		<0.0077	U		<0.0045	U		<0.047	U		<0 0039	U	
		VMP-63-20-012618	1/26/2018	0 0036	J		<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		0.0026	J	
		VMP-63-20-041918	4/19/2018	<0.0084	U		<0.0048	U		<0 0055	U		<0.0085	U		<0.0078	U		<0.0046	U		<0.048	U		0.0017	J	
	30 ft	VMP-63-30-072517	7/25/2017	0 0097			<0.005	U		<0 0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		0.00037	J	
		VMP-63-30-110117	11/1/2017	0.36			<0.0048	U		<0 0054	U		<0.0085	U		<0.0078	U		<0.0045	U		<0.047	U		<0 0039	U	
		VMP-63-30-012618	1/26/2018	0 0077	J		<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		0.0029	J	
		VMP-63-30-012618-DUP	1/26/2018	0 0073	J		<0.0048	U		<0 0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		0.0024	J	
		VMP-63-30-041918	4/19/2018	0.044		J	<0.0049	U		<0 0056	U		<0.0087	U		<0 008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-63-30-041918-DUP	4/19/2018	0.076		J	<0.0048	U		<0 0054	U		<0.0085	U		<0.0078	U		<0.0045	U		<0.047	U		<0 0039	U	
VMP-64	5 ft	VMP-64-5-072517	7/25/2017	<0.018	U		<0.01	U		<0.011	U		<0.018	U		<0 016	U		<0.0095	U		<0.099	U		<0 0082	U	
		VMP-64-5-110317	11/3/2017	0 0068	J		<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-64-5-012218	1/22/2018	0.027			<0.005	U		<0 0056	U		<0.0088	U		<0 008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-64-5-041218	4/12/2018	<0.0093	U		<0.0054	U		<0 0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0 0044	U	
	10 ft	VMP-64-10-072517	7/25/2017	0.012			<0.0055	U		<0 0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0 0044	U	
		VMP-64-10-110317	11/3/2017	0.11			<0.0046	U		<0 0052	U		<0.0082	U		<0.0074	U		<0.0044	U		<0.045	U		<0 0038	U	
		VMP-64-10-012218	1/22/2018	0.01	J0	J	<0.0052	U		<0 0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0 0042	U	
		VMP-64-10-041218	4/12/2018	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0 0043	U	
	20 ft	VMP-64-20-072517	7/25/2017	0 0039	J		<0.0055	U		<0 0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0 0044	U	
		VMP-64-20-110317	11/3/2017	<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-64-20-012218	1/22/2018	0.01	J0	J	<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0 0042	U	
		VMP-64-20-041218	4/12/2018	<0.009	U		<0.0052	U		<0 0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0 0042	U	

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)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			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-1-5-072417	7/24/2017	0 0044	J		0.0028	J		0.0078			<0.0051	U		<0 018	U					0.023			<0 0061	U	
		VMP-1-5-102617	10/26/2017	<0.019	U		0.0044	J		<0 0057	U		<0.0048	U		<0 017	U					0.0061	J	J	<0 0057	J	U
		VMP-1-5-012618	1/26/2018	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
		VMP-1-5-042718	4/27/2018	<0.02	U		<0.014	U		<0 0061	U		<0.005	U		<0 018	U					0.0053	J		<0 0061	U	
	8.5 ft	VMP-1-8.5-072417	7/24/2017	<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0 018	U					0.019			<0 0061	U	
		VMP-1-8.5-102617	10/26/2017	<0.018	U		0.0019	J		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-1-8.5-012418	1/24/2018	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-1-8.5-042718	4/27/2018	<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0 017	U					<0.012	U		<0 0059	U	
	23.5 ft	VMP-1-23.5-072417	7/24/2017	<0.019	U		0.062			<0 0058	U		<0.0049	U		<0 017	U					0.059			<0 0058	U	
		VMP-1-23.5-102617	10/26/2017	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					<0.012	U		<0 0058	J	U
		VMP-1-23.5-012618	1/26/2018	<0.018	U		0.075			<0 0053	U		<0.0044	U		<0 016	U					0.014			<0 0053	U	
		VMP-1-23.5-042718	4/27/2018	<0.02	U		0.0051	J		<0 0061	U		<0.005	U		<0 018	U					<0.012	U		<0 0061	U	
VMP-2	5 ft	VMP-2-5-072417	7/24/2017	<0.02	U		0.088			<0 0061	U		<0.0051	U		<0 018	U					0 06			<0 0061	U	
		VMP-2-5-102617	10/26/2017	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					<0.012	U		<0 0058	U	
		VMP-2-5-012918	1/29/2018	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					0.0017	J		<0 0054	U	
		VMP-2-5-032818	3/28/2018	<0.019	U		0.0025	J		<0 0058	U		<0.0049	U		<0 017	U		0.00088	J		<0.012	U		<0 0058	U	
		VMP-2-5-041018	4/10/2018	<0.019	U		0.0084	J		<0 0056	U		<0.0047	U		<0 016	U		<0.012	U		0.014			<0 0056	U	
	8.5 ft	VMP-2-8.5-072417	7/24/2017	<0.022	U		<0.016	U		<0 0067	U		<0.0056	U		<0.02	U					0.15			<0 0067	U	
		VMP-2-8.5-102617	10/26/2017	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U					<0.012	U		<0.006	U	
		VMP-2-8.5-012918	1/29/2018	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U					0.0015	J		<0 0055	U	
		VMP-2-8.5-032818	3/28/2018	<0.019	U		<0.014	U		<0 0056	U		<0.0047	J	U	<0 016	U		<0.012	U		<0.011	U		<0 0056	U	
		VMP-2-8.5-041018	4/10/2018	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U		<0.012	U		0.0096	J		<0 0055	U	
	22 ft	VMP-2-22-072417	7/24/2017	<0.021	U		<0.015	U		<0 0064	U		<0.0054	U		<0 019	U					0.0068	J		<0 0064	U	
		VMP-2-22-072417-DUP	7/24/2017	<0.02	U		<0.015	U		<0 0062	U		<0.0051	U		<0 018	U					0.034			<0 0062	U	
		VMP-2-22-102617	10/26/2017	<0.018	U		0.0034	J		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
		VMP-2-22-012918	1/29/2018	<0.018	U		<0.013	U		<0 0053	U		<0.0044	U		<0 016	U					0.0014	J		<0 0053	U	
		VMP-2-22-032818	3/28/2018	<0.019	U		<0.013	U		<0 0056	U		<0.0047	U		<0 016	U		<0.012	U		<0.011	U		<0 0056	U	
		VMP-2-22-041018	4/10/2018	<0.019	U		<0.014	U		<0 0057	U		0.0014	J		<0 017	U		<0.012	U		0 01	J		<0 0057	U	
VMP-3	5 ft	VMP-3-5-072017	7/20/2017	<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0 018	U					<0.012	U		0.00054	J	
		VMP-3-5-102617	10/26/2017	<0.02	U		0.0024	J		<0 0061	U		<0.0051	U		<0 018	U					<0.012	U		<0 0061	U	
		VMP-3-5-012318	1/23/2018	<0.018	U		0.0062	J		<0 0054	U		<0.0045	U		<0 016	U					0.0099	J		<0 0054	U	
		VMP-3-5-042718	4/27/2018	<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0 017	U					<0.012	U		<0 0059	U	
	10 ft	VMP-3-10-072017	7/20/2017	<0.021	U		<0.015	U		<0 0064	U		<0.0054	U		<0 019	U					0.018			<0 0064	U	
		VMP-3-10-102617	10/26/2017	<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0 018	U					<0.012	U		<0 0061	U	
		VMP-3-10-012318	1/23/2018	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					0.0031	J		<0 0054	U	
		VMP-3-10-042718	4/27/2018	<0.019	U		<0.014	U		<0 0058	U		<0.0049	U		<0 017	U					<0.012	U		<0 0058	U	
	22 ft	VMP-3-22-072017	7/20/2017	<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0 018	U					0.016			<0 0062	U	
		VMP-3-22-102617	10/26/2017	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					<0.012	U		<0 0058	U	
		VMP-3-22-012318	1/23/2018	<0.018	U		0.0039	J		<0 0055	U		<0.0046	U		<0 016	U					0.024			<0 0055	U	
		VMP-3-22-042718	4/27/2018	<0.021	U		<0.015	U		<0 0063	U		0.0082			<0 019	U					<0.013	U		<0 0063	U	
	31.5 ft	VMP-3-31.5-072017	7/20/2017	<0.02	U		0.0028	J		0.0011	J		<0.0051	U		<0 018	U					0.027			0.00061	J	
		VMP-3-31.5-102617	10/26/2017	<0.019	U		0.095			0.00085	J		<0.0048	U		<0 017	U					<0.012	U		0.0034	J	
		VMP-3-31.5-102617-DUP	10/26/2017	<0.019	U		0.098			0.00062	J		<0.0049	U		<0 017	U					<0.012	U		0 002	J	
		VMP-3-31.5-042718	4/27/2018	<0.019	U		<0.014	U		<0 0057	U		<0.0048	U		<0 017	U					<0.011	U		<0 0057	U	
	39 ft	VMP-3-39-042718	4/27/2018	<0.024	U		0.016	J		<0 0072	U		<0.006	U		<0 021	U					0.0038	J		<0 0072	U	
		VMP-3-39-042718-DUP	4/27/2018	<0.024	U		0.012	J		<0 0073	U		<0.0061	U		<0 021	U					<0.014	U		<0 0073	U	
VMP-4	5 ft	VMP-4-5-072517	7/25/2017	<0.02	U		0.0014	J		<0 0061	U		<0.0051	U		<0 018	U					<0.012	U		<0 0061	U	
		VMP-4-5-110117	11/1/2017	<0.018	U		0.0027	J		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-4-5-012318	1/23/2018	<0.019	U		<0.014	U		<0 0057	U		<0.0048	U		<0 017	U					0.0028	J		<0 0057	U	
		VMP-4-5-041118	4/11/2018	0 0034	J		0.034			0.00091	J		<0.005	U		<0 018	U					0.014			0.00065	J	
	12 ft	VMP-4-12-072517	7/25/2017	<0.02	U		0.0023	J		0.00041	J		<0.0049	U		<0 017	U					<0.012	U		0.00097	J	
		VMP-4-12-110117	11/1/2017	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
		VMP-4-12-012318	1/23/2018	<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0 016	U					0.0049	J		<0 0056	U	
		VMP-4-12-041118	4/11/2018	<0.021	U		0.087			<0 0063	U		<0.0053	U		<0 019	U					0.014			<0 0063	U	
	23.5 ft	VMP-4-23.5-072517	7/25/2017	<0.02	U		0.0079	J		<0.006	U		<0.005	U		<0 018	U					<0.012	U		<0.006	U	
		VMP-4-23.5-072517-DUP	7/25/2017	<0.021	U		0.007	J		<0 0063	U		<0.0053	U		<0 018	U					<0.013	U		<0 0063	J	U
		VMP-4-23.5-110117	11/1/2017	<0.018	U		0.0045	J		<0 0054	U		<0.0045	U		<0 016	U					0 02			<0 0054	U	
		VMP-4-23.5-012318	1/23/2018	<0.021	U		0.0066	J		<0 0062	U		<0.0052	U		<0 018	U					0.0051	J		<0 0062	U	
		VMP-4-23.5-041118	4/11/2018	<0.38	U		110			<0.11	U		<0.095	U		<0 084	U					<0.23	U		<0.11	U	
		VMP-4-23.5-041118-DUP	4/11/2018	<0.43	U		130			<0.13	U		<0.11	U		<0 094	U					<0.26	U		<0.13	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) 600			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE) 3700			Naphthalene 0.11			2-Propanol			n-Propylbenzene		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-5-5-072017	7/20/2017	<0.019	U		0.0028	J		<0 0057	U		0.0014	J		<0 017	U					0.091			0.0005	J	
		VMP-5-5-103017	10/30/2017	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-5-5-012518	1/25/2018	<0.018	U		0.089			<0 0053	U		<0.0044	U		<0 016	U					0.018			<0 0053	U	
		VMP-5-5-041618	4/16/2018	<0.018	U		<0.013	U		<0 0052	U		<0.0044	U		<0 015	U					<0.01	U		<0 0053	U	
	12.5 ft	VMP-5-12.5-072017	7/20/2017	<0.02	U		0.0018	J		<0 0062	U		<0.0051	U		<0 018	U					0.042			<0 0062	U	
		VMP-5-12.5-102017	10/30/2017	<0.017	U		<0.012	U		<0 0052	U		<0.0043	U		<0 015	U					<0.01	U		<0 0052	U	
		VMP-5-12.5-012518	1/25/2018	<0.018	U		<0.013	U		<0 0056	U		<0.0046	U		<0 016	U					0.0014	J		<0 0056	U	
		VMP-5-12.5-041618	4/16/2018	<0.019	U		0.0035	J		<0 0056	U		<0.0047	U		<0 016	U					0.011	J		<0 0056	U	
	31 ft	VMP-5-31-072017	7/20/2017	<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0 018	U					<0.012	U		<0 0061	U	
		VMP-5-31-072017-DUP	7/20/2017	<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0 017	U					<0.012	U		<0 0059	U	
		VMP-5-31-103017	10/30/2017	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
		VMP-5-31-012518	1/25/2018	<0.018	U		<0.013	U		<0 0056	U		<0.0046	U		<0 016	U					0.0019	J		<0 0056	U	
		VMP-5-31-041618	4/16/2018	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
	40 ft	VMP-5-40-012518	1/25/2018	<0.017	U		<0.012	U		<0 0052	U		<0.0043	U		<0 015	U					<0.01	U		<0 0052	U	
		VMP-5-40-041618	4/16/2018	<0.018	U		<0.013	U		<0 0053	U		<0.0044	U		<0 016	U					<0.011	U		<0 0053	U	
		VMP-5-40-041618-DUP	4/16/2018	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
VMP-6	5 ft	VMP-6-5-072117	7/21/2017	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					<0.012	U		<0 0058	U	
		VMP-6-5-103117	10/31/2017	<0.018	U		<0.013	U		<0 0052	U		<0.0044	U		<0 015	U					<0.01	U		<0 0053	U	
		VMP-6-5-012418	1/24/2018	<0.018	U		0.0035	J		<0 0054	U		<0.0045	U		<0 016	U					0.011			<0 0054	U	
		VMP-6-5-042318	4/23/2018	<0.018	U		<0.013	U		<0 0053	U		<0.0044	U		<0 016	U					<0.011	U		<0 0053	U	
	10 ft	VMP-6-10-072117	7/21/2017	<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0 016	U					<0.011	U		<0 0056	U	
		VMP-6-10-103117	10/31/2017	<0.017	U		0.0021	J		<0 0052	U		<0.0043	U		<0 015	U					0.0078	J		<0 0052	U	
		VMP-6-10-012418	1/24/2018	<0.018	U		0.0032	J		<0 0053	U		<0.0044	U		<0 016	U					0.011			<0 0053	U	
		VMP-6-10-042318	4/23/2018	<0.019	U		<0.014	U		<0 0058	U		<0.0049	U		<0 017	U					<0.012	U		<0 0058	U	
	31.5 ft	VMP-6-31.5-072117	7/21/2017	<0.019	U		0.0019	J		<0 0058	U		<0.0048	U		<0 017	U					<0.012	U		<0 0058	U	
		VMP-6-31.5-072117-DUP	7/21/2017	<0.019	U		0.0048	J		<0 0058	U		<0.0049	U		<0 017	U					0.0036	J		<0 0058	U	
		VMP-6-31.5-103117	10/31/2017	<0.018	U		0.0016	J		<0 0053	U		<0.0044	U		<0 016	U					0.0024	J		<0 0053	U	
		VMP-6-31.5-013118	1/31/2018	<0.019	U		0.0034	J		0.0016	J		<0.0048	U		<0 017	U					0.0012	J		0.0091		
		VMP-6-31.5-042318	4/23/2018	<0.019	U		<0.014	U		<0 0058	U		<0.0049	U		<0 017	U					<0.012	U		<0 0058	U	
	39 ft	VMP-6-39-103117	10/31/2017	<0.018	U		0.0079	J		<0 0054	U		<0.0045	U		<0 016	U					0.0037	J		<0 0054	U	
		VMP-6-39-103117-DUP	10/31/2017	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U					0.0024	J		<0 0055	U	
		VMP-6-39-012418	1/24/2018	<0.018	U		0.0099	J		<0 0053	U		<0.0044	U		<0 016	U					0.0061	J		<0 0053	U	
		VMP-6-39-012418-DUP	1/24/2018	<0.019	U		0.007	J		<0 0057	U		<0.0048	U		<0 017	U					0.0026	J		<0 0057	U	
		VMP-6-39-042318	4/23/2018	<0.019	U		<0.014	U		<0 0058	U		<0.0049	U		<0 017	U					<0.012	U		<0 0058	U	
VMP-7	5 ft	VMP-7-5-072117	7/21/2017	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U					<0.012	U		<0.006	U	
		VMP-7-5-102517	10/25/2017	<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0 016	U					<0.011	U		<0 0056	U	
		VMP-7-5-012518	1/25/2018	<0.018	U		0.0031	J		<0 0056	U		<0.0046	U		<0 016	U					0.0021	J		<0 0056	U	
		VMP-7-5-042318	4/23/2018	<0.019	U		<0.014	U		<0 0058	U		<0.0049	U		<0 017	U					<0.012	U		<0 0058	U	
	13.5 ft	VMP-7-13.5-072117	7/21/2017	<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0 017	U					<0.012	U		<0 0059	U	
		VMP-7-13.5-102517	10/25/2017	<0.019	U		0.0042	J		<0 0057	U		<0.0048	U		<0 017	U					<0.011	U		<0 0057	U	
		VMP-7-13.5-012518	1/25/2018	<0.019	U		<0.014	U		<0 0057	U		<0.0048	U		<0 017	U					0.0032	J		<0 0057	U	
		VMP-7-13.5-042318	4/23/2018	<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0 016	U					<0.011	U		<0 0056	U	
	29.5 ft	VMP-7-29.5-072117	7/21/2017	<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0 017	U					<0.012	U		<0 0059	U	
		VMP-7-29.5-102517	10/25/2017	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					<0.012	U		<0 0058	U	
		VMP-7-29.5-012518	1/25/2018	<0.019	U		0 08			<0 0057	U		<0.0047	U		<0 017	U					0.012			<0 0057	U	
		VMP-7-29.5-042318	4/23/2018	<0.019	U		<0.014	U		<0 0057	U		<0.0048	U		<0 017	U					<0.011	U		<0 0057	U	
	38 ft	VMP-7-38-102517	10/25/2017	<0.019	U		0.0022	J		<0 0058	U		<0.0048	U		<0 017	U					<0.012	U		<0 0058	U	
		VMP-7-38-012518	1/25/2018	<0.019	U		0.0025	J		<0 0056	U		<0.0047	U		<0 016	U					<0.011	J	U	<0 0056	U	
		VMP-7-38-042318	4/23/2018	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-7-38-042318-DUP	4/23/2018	<0.019	U		<0.014	U		<0 0057	U		<0.0048	U		<0 017	U					<0.011	U		<0 0057	U	

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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)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			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-8-5-071917	7/19/2017	<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0 017	U					0.011	J		<0 0059	U	
		VMP-8-5-103017	10/30/2017	<0.019	U		0.012	J		<0 0057	U		<0.0047	U		<0 017	U					<0.011	U		<0 0057	U	
		VMP-8-5-012218	1/22/2018	<0.018	U		0.014			<0 0056	U		<0.0046	U		<0 016	U					0.029			<0 0056	U	
		VMP-8-5-041818	4/18/2018	<0.019	U		0.006	J		<0 0058	U		<0.0048	U		<0 017	U					0.0034	J		<0 0058	U	
	9.5 ft	VMP-8-9.5-071917	7/19/2017	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U					0.035			<0.006	U	
		VMP-8-9.5-103017	10/30/2017	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-8-9.5-012218	1/22/2018	<0.019	U		<0.014	U		<0 0057	U		<0.0048	U		<0 017	U					0.0072	J		<0 0057	U	
		VMP-8-9.5-041818	4/18/2018	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					<0.012	U		<0 0058	U	
	23.5 ft	VMP-8-23.5-071917	7/19/2017	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U					0.039			<0.006	U	
		VMP-8-23.5-103017	10/30/2017	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-8-23.5-012218	1/22/2018	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					0.019			<0 0058	U	
		VMP-8-23.5-012218-DUP	1/22/2018	<0.019	U		<0.014	U		<0 0058	U		<0.0049	U		<0 017	U					0.013			<0 0058	U	
		VMP-8-23.5-041818	4/18/2018	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U					0.003	J		<0.006	U	
	35.5 ft	VMP-8-35.5-071917	7/19/2017	<0.036	U		<0.026	U		<0.011	U		<0.009	U		<0 032	U					0.024			<0.011	U	
		VMP-8-35.5-071917-DUP	7/19/2017	<0.04	U		<0.029	U		<0.012	U		<0 01	U		<0 035	U					0.027			<0.012	U	
		VMP-8-35.5-103017	10/30/2017	<0.018	U		<0.013	U		<0 0056	U		<0.0046	U		<0 016	U					<0.011	U		<0 0056	U	
		VMP-8-35.5-042018	4/20/2018	<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0 016	U					<0.011	U		<0 0056	U	
VMP-9	5 ft	VMP-9-5-071917	7/19/2017	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U					<0.012	U		<0.006	U	
		VMP-9-5-110117	11/1/2017	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
		VMP-9-5-012218	1/22/2018	<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0 018	U					0.008	J		<0 0062	U	
		VMP-9-5-042618	4/26/2018	<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0 017	U					<0.012	U		<0 0059	U	
	11.5 ft	VMP-9-11.5-071917	7/19/2017	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					<0.012	U		<0 0058	U	
		VMP-9-11.5-110117	11/1/2017	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					<0.012	U		<0 0058	U	
		VMP-9-11.5-012218	1/22/2018	<0.02	U		0.0038	J		<0 0059	U		<0.0049	U		<0 017	U					0.018			<0 0059	U	
		VMP-9-11.5-042618	4/26/2018	<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0 017	U					<0.012	U		<0 0059	U	
	25.5 ft	VMP-9-25.5-071917	7/19/2017	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U					0.027			<0.006	U	
		VMP-9-25.5-110117	11/1/2017	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-9-25.5-012218	1/22/2018	<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0 017	U					0.012			<0 0059	U	
		VMP-9-25.5-042618	4/26/2018	<0.02	U		0.068			<0 0059	U		<0.005	U		<0 017	U					0.0099	J		<0 0059	U	
	38.5 ft	VMP-9-38.5-110117	11/1/2017	<0.018	U		0.0013	J		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-9-38.5-012218	1/22/2018	<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0 017	U					0.0075	J		<0 0059	U	
		VMP-9-38.5-042618	4/26/2018	<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0 017	U					<0.012	U		<0 0059	U	
VMP-18	8.5 ft	VMP-18-8.5-072717	7/27/2017	<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0 017	U					0.027			<0 0059	U	
		VMP-18-8.5-110317	11/3/2017	<0.019	U		0.006	J		<0 0056	U		<0.0047	U		<0 016	U					0.0044	J		<0 0056	U	
		VMP-18-8.5-110317-DUP	11/3/2017	<0.017	U		0.0052	J		<0 0051	U		<0.0043	U		<0 015	U					0.0035	J		<0 0051	U	
		VMP-18-8.5-012418	1/24/2018	<0.019	U		0.0049	J		<0 0057	U		<0.0047	U		<0 017	U					0.0048	J		<0 0057	U	
		VMP-18-8.5-033018	3/30/2018	<0.02	U		<0.014	U		0.0019	J		<0.005	U		<0 017	U		0.014			0.0015	J		0 012		
		VMP-18-8.5-041018	4/10/2018	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U		<0.012	U		0.0085	J		<0 0055	U	
VMP-19	5 ft	VMP-19-5-072717	7/27/2017	0 0034	J		0.026			<0.006	U		<0.005	U		<0 018	U					0.0063	J		<0.006	U	
		VMP-19-5-102517	10/25/2017	<0.019	U		0.0053	J		<0 0056	U		<0.0047	U		<0 016	U					<0.011	U		<0 0056	U	
		VMP-19-5-012518	1/25/2018	<0.019	U		0.091			<0 0056	U		<0.0047	U		<0 016	U					0.018			<0 0056	U	
		VMP-19-5-042618	4/26/2018	<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0 018	U					<0.012	U		<0 0062	U	
VMP-20	5 ft	VMP-20-5-072417	7/24/2017	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U					<0.012	U		<0.006	U	
		VMP-20-5-103117	10/31/2017	<0.018	U		0.013	J		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-20-5-012218	1/22/2018	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					0.006	J		<0 0058	U	
		VMP-20-5-041218	4/12/2018	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					0.0092	J		<0 0058	U	
	10 ft	VMP-20-10-072417	7/24/2017	<0.019	U		<0.014	U		<0 0057	U		<0.0047	U		<0 017	U					<0.011	U		<0 0057	U	
		VMP-20-10-103117	10/31/2017	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
		VMP-20-10-012218	1/22/2018	<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0 017	U					0.008	J		<0 0059	U	
		VMP-20-10-041218	4/12/2018	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					0.0094	J		<0 0058	U	
	25 ft	VMP-20-25-072417	7/24/2017	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U					<0.012	U		<0.006	U	
		VMP-20-25-103117	10/31/2017	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-20-25-012218	1/22/2018	<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0 016	U					0.011	J		<0 0056	U	
		VMP-20-25-041218	4/12/2018	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					<0.012	U		<0 0058	U	
	39.5 ft	VMP-20-39.5-041218	4/12/2018	<0.019	U		<0.014	U		<0 0057	U		<0.0047	U		<0 017	U					<0.011	U		<0 0057	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)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			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-21-5-072017	7/20/2017	<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0 016	U					0.019			0.00077	J	
		VMP-21-5-103117	10/31/2017	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-21-5-012318	1/23/2018	<0.018	U		0.0046	J		<0 0053	U		<0.0044	U		<0 016	U					0.0046	J		<0 0053	U	
		VMP-21-5-041318	4/13/2018	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					<0.012	U		<0 0058	U	
	10 ft	VMP-21-10-072017	7/20/2017	<0.02	U		<0.014	U		0.0015	J		<0.005	U		<0 018	U					0.014			0 004	J	
		VMP-21-10-103117	10/31/2017	<0.018	U		0.023			<0 0054	U		<0.0045	U		<0 016	U					0.0046	J		<0 0054	U	
		VMP-21-10-012318	1/23/2018	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
		VMP-21-10-041318	4/13/2018	<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0 017	U					0.0024	J		<0 0059	U	
	25 ft	VMP-21-25-072017	7/20/2017	<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0 017	U					<0.012	U		<0 0059	U	
		VMP-21-25-103117	10/31/2017	<0.019	U		<0.014	U		<0 0057	U		<0.0047	U		<0 017	U					<0.011	U		<0 0057	U	
		VMP-21-25-012318	1/23/2018	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U					0.0037	J		<0 0055	U	
		VMP-21-25-041318	4/13/2018	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U					0.0015	J		<0.006	U	
	33 ft	VMP-21-33-072017	7/20/2017	<0.018	U		0.0017	J		<0 0056	U		<0.0046	U		<0 016	U					0.014			<0 0056	U	
		VMP-21-33-072017-DUP	7/20/2017	<0.02	U		0.0016	J		<0.006	U		<0.005	U		<0 018	U					0.011	J		<0.006	U	
		VMP-21-33-103117	10/31/2017	<0.018	U		0.0076	J		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-21-33-012318	1/23/2018	<0.018	U		0.0034	J		<0 0053	U		<0.0044	U		<0 016	U					0.0075	J		<0 0053	U	
		VMP-21-33-012318-DUP	1/23/2018	<0.018	U		0.0025	J		<0 0054	U		<0.0045	U		<0 016	U					0.0069	J		<0 0054	U	
		VMP-21-33-041318	4/13/2018	<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0 019	U					0.0015	J		<0 0063	U	
VMP-22	5 ft	VMP-22-5-072617	7/26/2017	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U					0.017			<0.006	U	
		VMP-22-5-102617	10/26/2017	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					0.0029	J	J	<0 0054	U	
		VMP-22-5-013018	1/30/2018	<0.018	U		0.0082	J		0.016			<0.0046	U		<0 016	U					0.0014	J		0 087		
		VMP-22-5-041318	4/13/2018	<0.019	U		<0.014	U		<0 0058	U		<0.0049	U		<0 017	U					0.0021	J		<0 0058	U	
	10 ft	VMP-22-10-072617	7/26/2017	<0.02	U		0.0061	J		<0.006	U		<0.005	U		<0 018	U					0.024			<0.006	U	
		VMP-22-10-102617	10/26/2017	<0.02	U		0.0022	J		<0 0059	U		<0.0049	U		<0 017	U					<0.012	U		<0 0059	U	
		VMP-22-10-013018	1/30/2018	<0.018	U		0.0087	J		0.0016	J		<0.0044	U		<0 015	U					<0.01	U		0.0048	J	
		VMP-22-10-050118	5/1/2018	<0.021	U		0.0054	J		0.0048	J		<0.0052	U		<0 018	U					0.0044	J		0 015		
	18 ft	VMP-22-18-072617	7/26/2017	<0.022	U		<0.016	U		<0 0067	U		<0.0056	U		<0.02	U					0.0062	J		<0 0067	U	
		VMP-22-18-102617	10/26/2017	<0.019	U		<0.014	U		<0 0057	U		<0.0047	U		<0 017	U					<0.011	U		<0 0057	U	
		VMP-22-18-013018	1/30/2018	<0.017	U		0.0068	J		<0 0052	U		<0.0043	U		<0 015	U					0.0013	J		<0 0052	U	
		VMP-22-18-041318	4/13/2018	<0.021	U		<0.015	U		<0 0064	U		<0.0053	U		<0 019	U					<0.013	U		<0 0064	U	
		VMP-22-18-041318-DUP	4/13/2018	<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0 017	U					<0.012	U		<0 0059	U	
	38 ft	VMP-22-38-072617	7/26/2017	<0.019	U		<0.014	U		<0 0058	U		<0.0049	U		<0 017	U					0.0065	J		<0 0058	U	
		VMP-22-38-072617-DUP	7/26/2017	<0.019	U		0.003	J		<0 0058	U		<0.0048	U		<0 017	U					0.019			<0 0058	U	
		VMP-22-38-102617	10/26/2017	<0.019	U		0.0018	J		<0 0058	U		<0.0048	U		<0 017	U					0.0089	J	J	<0 0058	U	
		VMP-22-38-013018	1/30/2018	<0.018	U		0.0071	J		<0 0056	U		<0.0046	U		<0 016	U					<0.011	U		<0 0056	U	
		VMP-22-38-050118	5/1/2018	<0.021	U		0.012	J		0.0017	J		<0.0052	U		<0 018	U					0.0088	J		0 004	J	
VMP-23	5 ft	VMP-23-5-072017	7/20/2017	<0.02	U		0.0014	J		<0 0059	U		<0.0049	U		<0 017	U					0.015			<0 0059	U	
		VMP-23-5-102517	10/25/2017	<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0 017	U					<0.012	U		<0 0059	U	
		VMP-23-5-012318	1/23/2018	<0.021	U		0.0037	J		<0 0063	U		<0.0053	U		<0 019	U					0.0042	J		<0 0063	U	
		VMP-23-5-041618	4/16/2018	<0.019	U		<0.013	U		<0 0056	U		<0.0047	U		<0 016	U					<0.011	U		<0 0056	U	
	10 ft	VMP-23-10-072017	7/20/2017	<0.019	U		0.0094	J		<0 0058	U		<0.0048	U		<0 017	U					0.018			<0 0058	U	
		VMP-23-10-102517	10/25/2017	<0.019	U		0.0034	J		<0 0058	U		<0.0048	U		<0 017	U					0.011	J		<0 0058	U	
		VMP-23-10-012318	1/23/2018	<0.018	U		0.0026	J		<0 0055	U		<0.0046	U		<0 016	U					0.063			<0 0055	U	
		VMP-23-10-041618	4/16/2018	<0.019	U		<0.014	U		<0 0057	U		<0.0048	U		<0 017	U					<0.011	U		<0 0057	U	
	25 ft	VMP-23-25-072017	7/20/2017	<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0 016	U					<0.011	U		<0 0056	U	
		VMP-23-25-102517	10/25/2017	<0.019	U		0.0031	J		<0 0058	U		<0.0048	U		<0 017	U					<0.012	U		<0 0058	U	
		VMP-23-25-012318	1/23/2018	<0.018	U		0.0044	J		<0 0054	U		<0.0045	U		<0 016	U					0.0042	J		<0 0054	U	
		VMP-23-25-041618	4/16/2018	<0.018	U		<0.013	U		<0 0056	U		<0.0046	U		<0 016	U					<0.011	U		<0 0056	U	
	40 ft	VMP-23-40-012318	1/23/2018	<0.019	U		<0.014	U		<0 0057	U		<0.0048	U		<0 017	U					0.0022	J		<0 0057	U	
		VMP-23-40-041618	4/16/2018	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	

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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) 600			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE) 3700			Naphthalene 0.11			2-Propanol			n-Propylbenzene		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-24-5-072117	7/21/2017	<0.02	U		0.004	J		<0 0061	U		<0.0051	U		<0 018	U					0.028			0.0016	J	
		VMP-24-5-102517	10/25/2017	<0.019	U		0.0019	J		<0 0058	U		<0.0048	U		<0 017	U					<0.012	U		<0 0058	U	
		VMP-24-5-012418	1/24/2018	<0.018	U		0.011	J		<0 0056	U		<0.0046	U		<0 016	U					0.004	J		<0 0056	U	
		VMP-24-5-042518	4/25/2018	<0.02	U		<0.014	U		<0 0061	U		<0.005	U		<0 018	U					<0.012	U		<0 0061	U	
	10 ft	VMP-24-10-072117	7/21/2017	<0.02	U		0.0019	J		<0.006	U		<0.005	U		<0 018	U					0.014			<0.006	U	
		VMP-24-10-102517	10/25/2017	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
		VMP-24-10-012418	1/24/2018	<0.018	U		0.003	J		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
		VMP-24-10-042518	4/25/2018	<0.019	U		<0.014	U		<0 0058	U		<0.0049	U		<0 017	U					<0.012	U		<0 0058	U	
	22 ft	VMP-24-22-072117	7/21/2017	<0.02	U		0.005	J		<0 0059	U		<0.0049	U		<0 017	U					0.013			<0 0059	U	
		VMP-24-22-102517	10/25/2017	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
		VMP-24-22-013118	1/31/2018	<0.018	U		0.0042	J		<0 0056	U		<0.0046	U		<0 016	U					0.0046	J		<0 0056	U	
		VMP-24-22-042518	4/25/2018	<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0 016	U					<0.011	U		<0 0056	U	
	34 ft	VMP-24-34-072117	7/21/2017	<0.02	U		0.0033	J		<0 0059	U		<0.0049	U		<0 017	U					0.011	J		<0 0059	U	
		VMP-24-34-072117-DUP	7/21/2017	<0.02	U		0.0026	J		<0.006	U		<0.005	U		<0 018	U					0.014			<0.006	U	
		VMP-24-34-102517	10/25/2017	<0.019	U		<0.014	U		<0 0057	U		<0.0047	U		<0 017	U					<0.011	U		<0 0057	U	
		VMP-24-34-012418	1/24/2018	<0.017	U		<0.012	U		<0 0052	U		<0.0043	U		<0 015	U					0.0032	J		<0 0052	U	
		VMP-24-34-042518	4/25/2018	<0.02	U		0.0071	J		<0 0061	U		<0.005	U		<0 018	U					<0.012	U		<0 0061	U	
		VMP-24-34-042518-DUP	4/25/2018	<0.019	U		0.006	J		<0 0058	U		<0.0049	U		<0 017	U					<0.012	U		<0 0058	U	
VMP-32	5 ft	VMP-32-5-072417	7/24/2017	<0.019	U		0.0035	J		<0 0058	U		<0.0049	U		<0 017	U					0.049			<0 0058	U	
		VMP-32-5-103117	10/31/2017	<0.018	U		0.017			<0 0055	U		<0.0046	U		<0 016	U					0.0082	J		<0 0055	U	
		VMP-32-5-012918	1/29/2018	<0.018	U		<0.013	U		<0 0053	U		<0.0044	U		<0 016	U					<0.011	U		<0 0053	U	
		VMP-32-5-032818	3/28/2018	<0.019	U		0.0019	J		<0 0058	U		<0.0049	U		<0 017	U		<0.012	U		0.0047	J		<0 0058	U	
		VMP-32-5-041018	4/10/2018	<0.018	U		<0.013	U		<0 0054	U		0.0019	J		<0 016	U		0.00029	J		0.0056	J		<0 0054	U	
	10 ft	VMP-32-10-072417	7/24/2017	0 0037	J		<0.014	U		<0.006	U		0.0017	J		<0 018	U					0.016			<0.006	U	
		VMP-32-10-103117	10/31/2017	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					<0.012	U		<0 0058	U	
		VMP-32-10-012918	1/29/2018	<0.018	U		<0.013	U		<0 0053	U		<0.0044	U		<0 016	U					<0.011	U		<0 0053	U	
		VMP-32-10-032818	3/28/2018	<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0 018	U		<0.013	U		<0.012	U		<0 0061	U	
		VMP-32-10-041018	4/10/2018	<0.019	U		<0.014	U		0.0004	J		<0.0048	U		<0 017	U		0 0064	J		0.0014	J		0 003	J	
	20 ft	VMP-32-20-072417	7/24/2017	<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0 018	U					0.011	J		<0 0061	U	
		VMP-32-20-103117	10/31/2017	<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0 016	U					<0.011	U		<0 0056	U	
		VMP-32-20-012918	1/29/2018	<0.016	U		<0.012	U		<0.005	U		<0.0041	U		<0 014	U					0.0014	J		<0.005	U	
		VMP-32-20-032818	3/28/2018	<0.019	U		0.0086	J		<0 0056	U		<0.0047	U		<0 016	U		0 0012	J		<0.011	U		0.00072	J	
		VMP-32-20-041018	4/10/2018	<0.018	U		<0.013	U		<0 0056	U		<0.0046	U		<0 016	U		<0.012	U		0.0029	J		<0 0056	U	
	30 ft	VMP-32-30-072417	7/24/2017	<0.02	U		0.073			<0 0061	U		<0.005	U		<0 018	U					0.032			<0 0061	U	
		VMP-32-30-072417-DUP	7/24/2017	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U					0 01	J		<0.006	U	
		VMP-32-30-103117	10/31/2017	<0.037	U		0.0055	J		<0.011	U		<0.0092	U		<0 032	U					<0.022	U		<0.011	U	
		VMP-32-30-012918	1/29/2018	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U					0.0016	J		<0 0055	U	
		VMP-32-30-032818	3/28/2018	<0.019	U		0.005	J		<0 0057	U		<0.0048	U		<0 017	U		<0.012	U		<0.011	U		<0 0057	U	
		VMP-32-30-041018	4/10/2018	<0.018	U		0.012	J		<0 0054	U		<0.0045	U		<0 016	U		<0.012	U		0.0018	J		<0 0054	U	
		VMP-32-30-041018-DUP	4/10/2018	<0.017	U		0.012	J		<0 0052	U		<0.0043	U		<0 015	U		<0.011	U		0.002	J		<0 0052	U	
VMP-42	10 ft	VMP-42-10-072017	7/20/2017	<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0 017	U					<0.012	U		<0 0059	U	
		VMP-42-10-110117	11/1/2017	<0.017	U		0.024			<0.005	U		<0.0042	U		<0 015	U					<0.01	U		<0.005	U	
		VMP-42-10-012318	1/23/2018	<0.018	U		0.0028	J		<0 0054	U		<0.0045	U		<0 016	U					0.006	J		<0 0054	U	
		VMP-42-10-041918	4/19/2018	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
	20 ft	VMP-42-20-072017	7/20/2017	<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0 016	U					0.024			<0 0056	U	
		VMP-42-20-110117	11/1/2017	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
		VMP-42-20-012318	1/23/2018	<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0 016	U					0.0039	J		<0 0056	U	
		VMP-42-20-041918	4/19/2018	<0.018	U		<0.013	U		<0 0053	U		<0.0044	U		<0 016	U					<0.011	U		<0 0053	U	
	30 ft	VMP-42-30-072017	7/20/2017	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U					<0.012	U		<0.006	U	
		VMP-42-30-110117	11/1/2017	<0.018	U		0.0076	J	J	<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-42-30-110117-DUP	11/1/2017	<0.018	U		0.048		J	<0 0052	U		<0.0044	U		<0 015	U					0.015			<0 0053	U	
		VMP-42-30-012318	1/23/2018	<0.016	U		<0.012	U		<0 0049	U		<0.0041	U		<0 014	U					0.0077	J		<0 0049	U	
		VMP-42-30-041918	4/19/2018	<0.018	U		<0.013	U		<0 0056	U		<0.0046	U		<0 016	U					<0.011	U		<0 0056	U	
VMP-43	10 ft	VMP-43-10-072417	7/24/2017	<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0 018	U					<0.012	U		<0 0062	U	
		VMP-43-10-102717	10/27/2017	<0.018	U		<0.013	U		<0 0056	U		<0.0046	U		<0 016	U					0.0013	J		<0 0056	U	
		VMP-43-10-012618	1/26/2018	<0.017	U		<0.012	U		<0 0052	U		<0.0044	U		<0 015	U					<0.01	J	U	<0 0052	U	
		VMP-43-10-041218	4/12/2018	<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0 017	U					0.025			<0 0059	U	
	20 ft	VMP-43-20-072417	7/24/2017	<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0 018	U					0.0035	J		<0 0063	U	
		VMP-43-20-102717	10/27/2017	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					0.0026	J		<0 0058	U	
		VMP-43-20-012618	1/26/2018	<0.019	U		0.022			<0 0058	U		<0.0049	U		<0 017	U					0.005	J		<0 0058	U	
		VMP-43-20-041218	4/12/2018	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U					0.018			0.00075	J	
	30 ft	VMP-43-30-072417	7/24/2017	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					<0.012	U		<0 0058	U	
		VMP-43-30-102717	10/27/2017	<0.018	U		0.0066	J		<0 0056	U		<0.0046	U		<0 016	U					0.0028	J		<0 0056	U	
		VMP-43-30-012618	1/26/2018	<0.019	U		0.0016	J		<0 0057	U		<0.0048	U		<0 017	U					<0.011	U		<0 0057	U	
		VMP-43-30-041218	4/12/2018	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					0.0046	J		<0 0058	U	
		VMP-43-30-041218-DUP	4/12/2018	<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0 017	U					0.012			<0 0059	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)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			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-44-10-072517	7/25/2017	<0.021	U		0.002	J		<0.0062	U		<0.0052	U		<0.018	U					0.0077	J		<0.0062	U	
		VMP-44-10-102517	10/25/2017	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U					<0.012	U		<0.006	U	
		VMP-44-10-012518	1/25/2018	<0.019	U		0.037			<0.0057	U		<0.0047	U		<0.017	U					0.0085	J		<0.0057	U	
		VMP-44-10-042318	4/23/2018	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U					<0.012	U		<0.0059	U	
	20 ft	VMP-44-20-072517	7/25/2017	<0.021	U		0.011	J		<0.0064	U		<0.0053	U		<0.019	U					<0.013	U		<0.0064	U	
		VMP-44-20-102517	10/25/2017	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U					<0.012	U		<0.0059	U	
		VMP-44-20-012518	1/25/2018	<0.018	U		0.0099	J		<0.0056	U		<0.0046	U		<0.016	U					0.0041	J		<0.0056	U	
		VMP-44-20-042718	4/27/2018	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U					<0.012	U		<0.0059	U	
	30 ft	VMP-44-30-072517	7/25/2017	<0.021	U		0.0029	J		<0.0062	U		<0.0052	U		<0.018	U					<0.012	U		<0.0062	U	
		VMP-44-30-102517	10/25/2017	<0.019	U		0.0046	J		<0.0058	U		<0.0048	U		<0.017	U					<0.012	U		<0.0058	U	
		VMP-44-30-102517-DUP	10/25/2017	<0.019	U		0.0092	J		<0.0057	U		<0.0048	U		<0.017	U					0.012			<0.0057	U	
		VMP-44-30-012518	1/25/2018	<0.019	U		0.012	J		<0.0056	U		<0.0047	U		<0.016	U					0.0017	J		<0.0056	U	
		VMP-44-30-012518-DUP	1/25/2018	<0.019	U		0 01	J		<0.0056	U		<0.0047	U		<0.016	U					0.0019	J		<0.0056	U	
		VMP-44-30-052118	5/21/2018	<0.02	U		0.0041	J		<0.006	U		<0.005	U		<0.018	U					0.0026	J		<0.006	U	
VMP-45	10 ft	VMP-45-10-072517	7/25/2017	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U					<0.012	U		<0.0062	U	
		VMP-45-10-103117	10/31/2017	<0.018	U		0.017			<0.0054	U		<0.0045	U		<0.016	U					0.0057	J		<0.0054	U	
		VMP-45-10-012418	1/24/2018	<0.018	U		0.004	J		<0.0053	U		<0.0044	U		<0.016	U					0.0031	J		<0.0053	U	
		VMP-45-10-041818	4/18/2018	<0.019	U		0.0028	J		<0.0057	U		<0.0047	U		<0.017	U					<0.011	U		0.00064	J	
	20 ft	VMP-45-20-072517	7/25/2017	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U					<0.012	U		<0.0061	U	
		VMP-45-20-103117	10/31/2017	<0.018	U		0.011	J		<0.0054	U		<0.0045	U		<0.016	U					0.0026	J		<0.0054	U	
		VMP-45-20-012418	1/24/2018	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U					0.0012	J		<0.0054	U	
		VMP-45-20-041818	4/18/2018	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U					<0.011	J	U	<0.0057	U	
	30 ft	VMP-45-30-072517	7/25/2017	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U					<0.012	U		<0.0062	U	
		VMP-45-30-103117	10/31/2017	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U					<0.011	U		0.00065	J	
		VMP-45-30-012418	1/24/2018	<0.019	U		0.0043	J		<0.0056	U		<0.0047	U		<0.016	U					0.021			<0.0056	U	
		VMP-45-30-041818	4/18/2018	<0.019	U		0.0063	J		<0.0058	U		<0.0048	U		<0.017	U					<0.012	J	U	<0.0058	U	
VMP-47	5 ft	VMP-47-5-072417	7/24/2017	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U					0.0026	J		<0.0059	U	
		VMP-47-5-102617	10/26/2017	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U					<0.012	U		<0.0059	U	
		VMP-47-5-012618	1/26/2018	<0.019	U		0.021			<0.0056	U		<0.0047	U		<0.016	U					0.0036	J		<0.0056	U	
		VMP-47-5-042718	4/27/2018	<0.02	U		0.0046	J		<0.0061	U		<0.005	U		<0.018	U					0 01	J		<0.0061	U	
	10 ft	VMP-47-10-072417	7/24/2017	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U					<0.012	U		<0.0058	U	
		VMP-47-10-102617	10/26/2017	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U					<0.012	U		<0.0058	U	
		VMP-47-10-012618	1/26/2018	<0.018	U		0.072			<0.0055	U		<0.0046	U		<0.016	U					0.0091	J		<0.0055	U	
		VMP-47-10-042718	4/27/2018	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U					<0.012	U		<0.0059	U	
	20 ft	VMP-47-20-072417	7/24/2017	<0.02	U		0.0047	J		<0.0059	U		<0.0049	U		<0.017	U					0.073			<0.0059	U	
		VMP-47-20-102617	10/26/2017	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U					<0.012	U		<0.0058	U	
		VMP-47-20-012618	1/26/2018	<0.019	U		0 01	J		<0.0058	U		<0.0048	U		<0.017	U					<0.012	J	U	<0.0058	U	
		VMP-47-20-012618-DUP	1/26/2018	<0.019	U		0.021			<0.0056	U		<0.0047	U		<0.016	U					0.007	J		<0.0056	U	
		VMP-47-20-042718	4/27/2018	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U					<0.012	U		<0.0059	U	
	30 ft	VMP-47-30-072417	7/24/2017	<0.02	U		<0.015	U		0.0012	J		0.0019	J		<0.018	U					0 01	J		0.0016	J	
		VMP-47-30-102617	10/26/2017	<0.02	U		0.0035	J		<0.0061	U		<0.005	U		<0.018	U					<0.012	U		<0.0061	U	
		VMP-47-30-012618	1/26/2018	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U					<0.011	J	U	<0.0057	U	
		VMP-47-30-042718	4/27/2018	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U					<0.012	U		<0.0059	U	
		VMP-47-30-042718-DUP	4/27/2018	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U					<0.012	U		<0.0058	U	
VMP-48	5 ft	VMP-48-5-072117	7/21/2017	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U					0.013			<0.0059	U	
		VMP-48-5-103117	10/31/2017	<0.018	U		0.003	J		<0.0054	U		<0.0045	U		<0.016	U					<0.011	U		<0.0054	U	
		VMP-48-5-012618	1/26/2018	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U					<0.012	J	U	<0.0058	U	
		VMP-48-5-042718	4/27/2018	<0.053	U		<0.038	U		<0.016	U		<0.013	U		<0.046	U					0 02	J		<0.016	U	
	10 ft	VMP-48-10-072117	7/21/2017	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U					<0.011	U		<0.0057	U	
		VMP-48-10-103117	10/31/2017	<0.018	U		0.0038	J		<0.0054	U		<0.0045	U		<0.016	U					0.006	J		<0.0054	U	
		VMP-48-10-012618	1/26/2018	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U					<0.011	J	U	<0.0054	U	
		VMP-48-10-042718	4/27/2018	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U					<0.012	U		<0.0061	U	
	20 ft	VMP-48-20-072117	7/21/2017	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U					0 28			<0.0057	U	
		VMP-48-20-103117	10/31/2017	<0.017	U		0.0017	J		<0.0052	U		<0.0043	U		<0.015	U					0.0034	J		<0.0052	U	
		VMP-48-20-012618	1/26/2018	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U					0.0065	J		<0.0054	U	
		VMP-48-20-042718	4/27/2018	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U					<0.012	U		<0.0062	U	
	30 ft	VMP-48-30-072117	7/21/2017	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U					0.027			<0.0056	U	
		VMP-48-30-103117	10/31/2017	<0.018	U		0.0077	J		<0.0056	U		<0.0046	U		<0.016	U					<0.011	U		<0.0056	U	
		VMP-48-30-103117-DUP	10/31/2017	<0.018	U		0.0064	J		<0.0054	U		<0.0045	U		<0.016	U					<0.011	U		<0.0054	U	
		VMP-48-30-012618	1/26/2018	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U					0.0058	J		<0.0055	U	
		VMP-48-30-042718	4/27/2018	<0.02	U		<0.014	U		<0.0059	U		0.0072			<0.017	U					<0.012	U		<0.0059	U	
		VMP-48-30-042718-DUP	4/27/2018	<0.021	U		<0.015	U		<0.0063	U		0.009			<0.019	U					<0.013	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	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene) 600			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE) 3700			Naphthalene 0.11			2-Propanol			n-Propylbenzene		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-49-5-072617	7/26/2017	<0.02	U		<0.014	U		<0 006	U		<0.005	U		<0 018	U					0.032			<0 006	U	
		VMP-49-5-102717	10/27/2017	<0.018	U		0.031			<0 0056	U		<0.0046	U		<0 016	U					0.0044	J		<0 0056	U	
		VMP-49-5-012618	1/26/2018	<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0 016	U					<0.011	U		<0 0056	U	
		VMP-49-5-041918	4/19/2018	<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0 017	U					<0.012	U		<0 0059	U	
	10 ft	VMP-49-10-072617	7/26/2017	<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0 018	U					0.007	J		<0 0062	U	
		VMP-49-10-102717	10/27/2017	<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0 016	U					<0.011	U		<0 0056	U	
		VMP-49-10-012618	1/26/2018	<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0 016	U					<0.011	U		<0 0056	U	
		VMP-49-10-041918	4/19/2018	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					<0.012	U		<0 0058	U	
	20 ft	VMP-49-20-072617	7/26/2017	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U					0.0064	J		<0.006	U	
		VMP-49-20-102717	10/27/2017	<0.018	U		<0.013	U		<0 0053	U		<0.0044	U		<0 016	U					<0.011	U		<0 0053	U	
		VMP-49-20-012618	1/26/2018	<0.019	U		<0.014	U		<0 0057	U		<0.0048	U		<0 017	U					<0.011	U		<0 0057	U	
		VMP-49-20-041918	4/19/2018	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
	30 ft	VMP-49-30-072617	7/26/2017	<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0 018	U					0.0096	J		<0 0061	U	
		VMP-49-30-072617-DUP	7/26/2017	<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0 018	U					0.0089	J		<0 0061	U	
		VMP-49-30-102717	10/27/2017	<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0 016	U					<0.011	U		<0 0056	U	
		VMP-49-30-012618	1/26/2018	<0.019	U		0.035			<0 0058	U		<0.0049	U		<0 017	U					0.0049	J		<0 0058	U	
		VMP-49-30-042718	4/27/2018	<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0 018	U					<0.012	U		<0 0062	U	
VMP-50	5 ft	VMP-50-5-072617	7/26/2017	<0.021	U		<0.015	U		<0 0062	U		0 00098	J		<0 018	U					0.016			<0 0062	U	
		VMP-50-5-110117	11/1/2017	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
		VMP-50-5-013118	1/31/2018	<0.02	U		0.0038	J		<0 0059	U		<0.0049	U		<0 017	U					0.0018	J		<0 0059	U	
		VMP-50-5-032918	3/29/2018	<0.019	U		<0.014	U		<0 0057	U		<0.0048	U		<0 017	U		<0.012	U		0.0029	J		<0 0057	U	
		VMP-50-5-041018	4/10/2018	<0.44	U		12			<0.13	U		<0.11	U		<0.39	U		<0.28	U		<0.26	U		<0.13	U	
	10 ft	VMP-50-10-072617	7/26/2017	<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0 018	U					0 01	J		<0 0062	U	
		VMP-50-10-110117	11/1/2017	<0.018	U		0.0038	J		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
		VMP-50-10-013118	1/31/2018	<0.018	U		<0.013	U		<0 0056	U		<0.0046	U		<0 016	U					0.0024	J		<0 0056	U	
		VMP-50-10-032918	3/29/2018	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U		<0.012	U		0.0029	J		<0 0055	U	
		VMP-50-10-041018	4/10/2018	<0.062	U		1.5			<0.018	U		<0.015	U		<0 054	U		<0.04	U		<0.037	U		<0.018	U	
	20 ft	VMP-50-20-072617	7/26/2017	<0.02	U		0.004	J		<0.006	U		<0.005	U		<0 018	U					0.0087	J		<0.006	U	
		VMP-50-20-110117	11/1/2017	<0.017	U		0.017			<0 0052	U		<0.0044	U		<0 015	U					0.0082	J		<0 0052	U	
		VMP-50-20-013118	1/31/2018	<0.076	U		3.4			<0.023	U		<0.019	U		<0 067	U					<0.046	U		<0.023	U	
		VMP-50-20-013118-DUP	1/31/2018	<0.077	U		4			<0.023	U		<0.019	U		<0 068	U					<0.046	U		<0.023	U	
		VMP-50-20-032918	3/29/2018	<0.018	U		0.0067	J		<0 0055	U		<0.0046	U		<0 016	U		<0.012	U		0.0038	J		<0 0055	U	
		VMP-50-20-041018	4/10/2018	<1 8	U		100			<0.56	U		<0.46	U		<1.6	U		<1 2	U		<1.1	U		<0.56	U	
		VMP-50-20-041018-DUP	4/10/2018	<1 9	U		98			<0.56	U		<0.47	U		<1.6	U		<1 2	U		<1.1	U		<0.56	U	
	30 ft	VMP-50-30-072617	7/26/2017	<0.27	U		14			0.062	J		<0.067	U		<0.24	U					<0.16	U		0 066	J	
		VMP-50-30-110117	11/1/2017	<0.18	U		21			0.1			<0.045	U		<0.04	U					<0.11	U		0.07		
		VMP-50-30-110117-DUP	11/1/2017	<0.18	U		22			0.11			<0.044	U		<0 039	U					<0.11	U		0 067		
		VMP-50-30-013118	1/31/2018	<0.18	U		40			0.025	J		<0.046	U		<0 041	U					<0.11	U		0 012	J	
		VMP-50-30-032918	3/29/2018	<0.25	U		21			0.023	J		<0.063	U		<0.22	U		<0.16	U		<0.15	U		0 016	J	
		VMP-50-30-032918-DUP	3/29/2018	<0.24	U		20			0.025	J		<0 06	U		<0.21	U		<0.15	U		<0.14	U		0 016	J	
		VMP-50-30-041018	4/10/2018	<3 8	U		85			<1.1	U		<0 95	U		<3.4	U		<2.4	U		<2.3	U		<1.1	U	
VMP-51	5 ft	VMP-51-5-072017	7/20/2017	<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0 018	U					<0.012	U		0.0007	J	
		VMP-51-5-103017	10/30/2017	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-51-5-012318	1/23/2018	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U					0.003	J		<0 0055	U	
		VMP-51-5-041618	4/16/2018	<0.018	U		0.0042	J		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
	10 ft	VMP-51-10-072017	7/20/2017	<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0 016	U					0.014			<0 0056	U	
		VMP-51-10-103017	10/30/2017	<0.018	U		<0.013	U		<0 0056	U		<0.0046	U		<0 016	U					<0.011	U		<0 0056	U	
		VMP-51-10-012318	1/23/2018	<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0 016	U					0 05			<0 0056	U	
		VMP-51-10-041618	4/16/2018	<0.017	U		<0.012	U		<0 0051	U		<0.0043	U		<0 015	U					<0.01	U		<0 0051	U	
	20 ft	VMP-51-20-072017	7/20/2017	<0.019	U		0.0014	J		<0 0058	U		<0.0048	U		<0 017	U					<0.012	U		<0 0058	U	
		VMP-51-20-103017	10/30/2017	<0.019	U		0.019			<0 0058	U		<0.0048	U		<0 017	U					<0.012	U		<0 0058	U	
		VMP-51-20-012318	1/23/2018	<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0 016	U					0.0079	J		<0 0056	U	
		VMP-51-20-012318-DUP	1/23/2018	<0.017	U		0.0032	J		<0 0052	U		0.001	J		<0 015	U					0 01	J		<0 0052	U	
		VMP-51-20-041618	4/16/2018	<0.017	U		<0.012	U		<0 0052	U		<0.0043	U		<0 015	U					<0.01	U		<0 0052	U	
	30 ft	VMP-51-30-072017	7/20/2017	<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0 017	U					<0.012	U		<0 0059	U	
		VMP-51-30-103017	10/30/2017	<0.018	U		0.0022	J		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
		VMP-51-30-012318	1/23/2018	<0.023	U		<0.016	U		<0 0068	U		<0.0056	U		<0.02	U					0.0088	J		<0 0068	U	
		VMP-51-30-041618	4/16/2018	<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0 016	U					<0.011	U		0 001	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	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene) 600			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE) 3700			Naphthalene 0.11			2-Propanol			n-Propylbenzene		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-52-5-072117	7/21/2017	<0.02	U		<0.015	U		<0 0062	U		<0.0051	U		<0 018	U					0.012			<0 0062	U	
		VMP-52-5-102517	10/25/2017	<0.018	U		0.0022	J		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-52-5-012418	1/24/2018	<0.018	U		0.0025	J		<0 0054	U		<0.0045	U		<0 016	U					0.0031	J		<0 0054	U	
		VMP-52-5-042618	4/26/2018	<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0 019	U					<0.013	U		<0 0063	U	
	10 ft	VMP-52-10-072117	7/21/2017	<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0 018	U					0.013			<0 0062	U	
		VMP-52-10-102517	10/25/2017	<0.018	U		0.0035	J		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-52-10-012418	1/24/2018	<0.019	U		0.0085	J		<0 0058	U		<0.0048	U		<0 017	U					0.0047	J		<0 0058	U	
		VMP-52-10-042618	4/26/2018	<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0 019	U					<0.013	U		<0 0063	U	
	20 ft	VMP-52-20-072117	7/21/2017	<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0 018	U					<0.012	U		<0 0061	U	
		VMP-52-20-102517	10/25/2017	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-52-20-012418	1/24/2018	<0.018	U		0.003	J		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-52-20-012418-DUP	1/24/2018	<0.018	U		0.003	J		<0 0053	U		<0.0044	U		<0 016	U					0.0046	J		<0 0053	U	
		VMP-52-20-042618	4/26/2018	<0.02	U		<0.014	U		<0 0061	U		<0.005	U		<0 018	U					<0.012	U		<0 0061	U	
	30 ft	VMP-52-30-072117	7/21/2017	<0.021	U		0.0022	J		<0 0063	U		<0.0052	U		<0 018	U					<0.012	U		<0 0063	U	
		VMP-52-30-102517	10/25/2017	<0.019	U		<0.014	U		<0 0057	U		<0.0048	U		<0 017	U					<0.011	U		<0 0057	U	
		VMP-52-30-102517-DUP	10/25/2017	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					<0.012	U		<0 0058	U	
		VMP-52-30-012418	1/24/2018	<0.017	U		0.0037	J		<0 0051	U		<0.0043	U		<0 015	U					0.0043	J		<0 0051	U	
		VMP-52-30-042618	4/26/2018	<0.022	U		<0.016	U		<0 0066	U		<0.0055	U		<0 019	U					<0.013	U		<0 0066	U	
VMP-53	5 ft	VMP-53-5-071917	7/19/2017	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U					0.021			<0.006	U	
		VMP-53-5-110117	11/1/2017	<0.017	U		<0.012	U		<0 0052	U		<0.0044	U		<0 015	U					<0.01	U		<0 0052	U	
		VMP-53-5-012218	1/22/2018	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U					0.014			<0.006	U	
		VMP-53-5-032918	3/29/2018	<0.02	U		<0.014	U		0.0031	J		<0.0049	U		<0 017	U		0.012	J		0.0032	J		0 016		
		VMP-53-5-041018	4/10/2018	<0.019	U		<0.014	U		<0 0057	U		<0.0048	U		<0 017	U		<0.012	U		0.014			<0 0057	U	
	10 ft	VMP-53-10-071917	7/19/2017	<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0 017	U					0.018			<0 0059	U	
		VMP-53-10-110117	11/1/2017	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-53-10-012218	1/22/2018	<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0 017	U					0.012			<0 0059	U	
		VMP-53-10-032918	3/29/2018	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U		<0.013	U		0.006	J		<0.006	U	
		VMP-53-10-041018	4/10/2018	<0.019	U		<0.014	U		<0 0056	U		0 00093	J		<0 016	U		<0.012	U		0.0098	J		<0 0056	U	
	20 ft	VMP-53-20-071917	7/19/2017	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U					0.066			0.0022	J	
		VMP-53-20-110117	11/1/2017	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-53-20-012218	1/22/2018	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					0.011	J	J	<0 0058	U	
		VMP-53-20-012218-DUP	1/22/2018	<0.02	U		0.008	J		<0 0059	U		<0.0049	U		<0 017	U					0.055		J	<0 0059	U	
		VMP-53-20-032918	3/29/2018	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U		<0.012	U		0.0043	J		<0 0058	U	
		VMP-53-20-041018	4/10/2018	<0.019	U		<0.014	U		<0 0057	U		<0.0048	U		<0 017	U		0.00027	J		0.013			<0 0057	U	
	30 ft	VMP-53-30-071917	7/19/2017	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U					0.021			<0.006	U	
		VMP-53-30-071917-DUP	7/19/2017	<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0 017	U					0.036			<0 0059	U	
		VMP-53-30-110117	11/1/2017	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
		VMP-53-30-012218	1/22/2018	<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0 017	U					<0.012	U		<0 0059	U	
		VMP-53-30-032918	3/29/2018	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U		0.00078	J		0.0027	J		<0 0058	U	
		VMP-53-30-041018	4/10/2018	<0.018	U		<0.013	U		<0 0053	U		<0.0044	U		<0 016	U		<0.011	U		0.0028	J		<0 0053	U	
VMP-54	5 ft	VMP-54-5-071917	7/19/2017	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U					0.036			<0.006	U	
		VMP-54-5-102617	10/26/2017	<0.018	U		0 01	J		<0 0053	U		<0.0044	U		<0 016	U					0.025			<0 0053	U	
		VMP-54-5-012218	1/22/2018	<0.019	U		<0.014	U		<0 0057	U		<0.0048	U		<0 017	U					0.068			<0 0057	U	
		VMP-54-5-041818	4/18/2018	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U					<0.012	J	U	<0.006	U	
	10 ft	VMP-54-10-071917	7/19/2017	<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0 018	U					0.045			<0 0061	U	
		VMP-54-10-102617	10/26/2017	<0.018	U		0.0027	J		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-54-10-012218	1/22/2018	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					0.012			<0 0058	U	
		VMP-54-10-041818	4/18/2018	0 0017	J		<0.014	U		<0 0059	U		<0.0049	U		<0 017	U					<0.012	J	U	<0 0059	U	
	20 ft	VMP-54-20-071917	7/19/2017	<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0 018	U					0.046			<0 0061	U	
		VMP-54-20-102617	10/26/2017	<0.018	U		0.0084	J		<0 0052	U		<0.0044	U		<0 015	U					0.021			<0 0053	U	
		VMP-54-20-012218	1/22/2018	<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0 016	U					0.0058	J		<0 0056	U	
		VMP-54-20-041818	4/18/2018	<0.019	U		<0.014	U		<0 0057	U		<0.0047	U		<0 017	U					<0.011	U		<0 0057	U	
	30 ft	VMP-54-30-071917	7/19/2017	<0.021	U		<0.015	U		<0 0064	U		<0.0054	U		<0 019	U					0.028			<0 0064	U	
		VMP-54-30-102617	10/26/2017	<0.018	U		0.004	J		<0 0054	U		<0.0045	U		<0 016	U					0.0067	J	J	<0 0054	U	
		VMP-54-30-102617-DUP	10/26/2017	<0.018	U		0.0029	J		<0 0055	U		<0.0046	U		<0 016	U					0.0075	J	J	<0 0055	U	
		VMP-54-30-012218	1/22/2018	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					0.019			<0 0058	U	
		VMP-54-30-041818	4/18/2018	<0.02	U		0.0046	J		<0.006	U		<0.005	U		<0 018	U					<0.012	U		<0.006	U	
VMP-56	10 ft	VMP-56-10-072117	7/21/2017	<0.021	U		0.0023	J		<0 0064	U		<0.0053	U		<0 019	U					0 01	J		0.0014	J	
		VMP-56-10-102717	10/27/2017	<0.019	U		<0.014	U		<0 0057	U		<0.0047	U		<0 017	U					<0.011	U		<0 0057	U	
		VMP-56-10-012918	1/29/2018	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
		VMP-56-10-050118	5/1/2018	<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0 018	U					<0.012	U		<0 0061	U	
	25 ft	VMP-56-25-072117	7/21/2017	<0.02	U		<0.015	U		<0 0062	U		<0.0051	U		<0 018	U					0.018			<0 0062	U	
		VMP-56-25-102717	10/27/2017	<0.018	U		0.0056	J		<0 0056	U		<0.0046	U		<0 016	U					0.002	J		<0 0056	U	
		VMP-56-25-012918	1/29/2018	<0.018	U		0.0025	J		<0 0055	U		<0.0046	U		<0 016	U					0.0022	J		<0 0055	U	
		VMP-56-25-050118	5/1/2018	<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0 017	U					<0.012	U		<0 0059	U	
	38.5 ft	VMP-56-38.5-050118	5/1/2018	<79	U		30000			16	J		<20	U		<17	U					<48	U		23	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	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene) 600			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE) 3700			Naphthalene 0.11			2-Propanol			n-Propylbenzene		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-62-5-072517	7/25/2017	<0.017	U		0.062			<0 0052	U		<0.0044	U		<0 015	U					0.028			<0 0052	U	
		VMP-62-5-083017	8/30/2017	<0.02	U		<0.014	U		<0 0061	U		<0.005	U		<0 018	U					<0.012	U		<0 0061	U	
		VMP-62-5-110317	11/3/2017	<0.018	U		0 02			<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-62-5-012918	1/29/2018	<0.018	U		<0.013	U		<0 0053	U		<0.0044	U		<0 016	U					0.0017	J		<0 0053	U	
		VMP-62-5-032818	3/28/2018	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U		<0.012	U		<0.011	U		<0 0055	U	
		VMP-62-5-041018	4/10/2018	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U		<0.012	U		0.0018	J		<0 0055	U	
	10 ft	VMP-62-10-072517	7/25/2017	<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0 017	U					<0.012	U		<0 0058	U	
		VMP-62-10-110317	11/3/2017	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					0.0041	J		<0 0054	U	
		VMP-62-10-012918	1/29/2018	<0.017	U		<0.012	U		<0 0052	U		<0.0044	U		<0 015	U					0.0012	J		<0 0052	U	
		VMP-62-10-032818	3/28/2018	<0.018	U		0.0018	J		<0 0053	U		<0.0044	U		<0 016	U		0.001	J		<0.01	U		0.00051	J	
		VMP-62-10-041018	4/10/2018	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U		<0.012	U		<0.011	U		<0 0054	U	
	20 ft	VMP-62-20-072517	7/25/2017	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U					<0.012	U		<0.006	U	
		VMP-62-20-110317	11/3/2017	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-62-20-012918	1/29/2018	<0.017	U		<0.012	U		<0 0051	U		<0.0043	U		<0 015	U					0.0024	J		<0 0051	U	
		VMP-62-20-032818	3/28/2018	<0.02	U		0.0022	J		<0 0059	U		<0.0049	J	U	<0 017	U		0.002	J		<0.012	U		<0 0059	U	
	30 ft	VMP-62-30-072517	7/25/2017	<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0 017	U					0.0024	J		<0 0059	U	
		VMP-62-30-072517-DUP	7/25/2017	<0.019	U		0.0038	J		<0 0058	U		<0.0048	U		<0 017	U					0.0047	J		<0 0058	U	
		VMP-62-30-110317	11/3/2017	<0.019	U		0.0014	J		<0 0056	U		<0.0047	U		<0 016	U					0.0044	J		<0 0056	U	
		VMP-62-30-110317-DUP	11/3/2017	<0.018	U		0.0027	J		<0 0055	U		<0.0046	U		<0 016	U					0.012			<0 0055	U	
		VMP-62-30-012918	1/29/2018	<0.017	U		0.003	J		<0 0051	U		<0.0043	U		<0 015	U					<0.01	U		<0 0051	U	
		VMP-62-30-012918-DUP	1/29/2018	<0.018	U		<0.013	U		<0 0052	U		<0.0044	U		<0 015	U					0.002	J		<0 0053	U	
		VMP-62-30-032818	3/28/2018	<0.018	U		0.0047	J		<0 0053	U		<0.0044	U		<0 016	U		<0.011	U		0.0049	J		<0 0053	U	
		VMP-62-30-032818-DUP	3/28/2018	<0.018	U		0.0032	J		<0 0052	U		<0.0044	U		<0 015	U		<0.011	U		<0.01	U		<0 0053	U	
		VMP-62-30-041018	4/10/2018	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U		0 0031	J		<0.011	U		<0 0055	U	
VMP-63	5 ft	VMP-63-5-072517	7/25/2017	0.002	J		0.0019	J		0.00077	J		<0.0048	U		<0 017	U					<0.012	U		<0 0058	U	
		VMP-63-5-110117	11/1/2017	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
		VMP-63-5-012618	1/26/2018	<0.018	U		0.0041	J		<0 0055	U		<0.0046	U		<0 016	U					<0.011	J	U	<0 0055	U	
		VMP-63-5-041918	4/19/2018	<0.017	U		<0.012	U		<0 0052	U		<0.0043	U		<0 015	U					<0.01	U		<0 0052	U	
	10 ft	VMP-63-10-072517	7/25/2017	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U					<0.012	U		<0.006	U	
		VMP-63-10-110117	11/1/2017	<0.018	U		0.0017	J		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
		VMP-63-10-012618	1/26/2018	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
		VMP-63-10-041918	4/19/2018	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
	20 ft	VMP-63-20-072517	7/25/2017	<0.02	U		0.0014	J		0.0005	J		<0.005	U		<0 018	U					<0.012	U		<0 0061	U	
		VMP-63-20-110117	11/1/2017	<0.018	U		0.003	J		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
		VMP-63-20-012618	1/26/2018	<0.019	U		0.0097	J		<0 0056	U		<0.0047	U		<0 016	U					<0.011	U		<0 0056	U	
		VMP-63-20-041918	4/19/2018	<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0 016	U					<0.011	U		<0 0055	U	
	30 ft	VMP-63-30-072517	7/25/2017	<0.019	U		0.0022	J		<0 0057	U		<0.0048	U		<0 017	U					<0.011	U		<0 0057	U	
		VMP-63-30-110117	11/1/2017	<0.018	U		0.0035	J		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
		VMP-63-30-012618	1/26/2018	<0.019	U		0.014			<0 0056	U		<0.0047	U		<0 016	U					0.0036	J		<0 0056	U	
		VMP-63-30-012618-DUP	1/26/2018	<0.018	U		0.0071	J		<0 0054	U		<0.0045	U		<0 016	U					<0.011	J	U	<0 0054	U	
		VMP-63-30-041918	4/19/2018	<0.019	U		<0.013	U		<0 0056	U		<0.0047	U		<0 016	U					<0.011	U		<0 0056	U	
		VMP-63-30-041918-DUP	4/19/2018	<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0 016	U					<0.011	U		<0 0054	U	
VMP-64	5 ft	VMP-64-5-072517	7/25/2017	<0.038	U		<0.027	U		<0.011	U		0.002	J		<0 034	U					<0.023	U		<0.011	U	
		VMP-64-5-110317	11/3/2017	<0.019	U		0.0055	J		<0 0056	U		<0.0047	U		<0 016	U					<0.011	U		<0 0056	U	
		VMP-64-5-012218	1/22/2018	<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0 016	U					0.067			<0 0056	U	
		VMP-64-5-041218	4/12/2018	<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0 018	U					<0.012	U		<0 0061	U	
	10 ft	VMP-64-10-072517	7/25/2017	<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0 018	U					0.016			<0 0062	U	
		VMP-64-10-110317	11/3/2017	<0.017	U		0.0019	J		<0 0052	U		<0.0044	U		<0 015	U					0.085			<0 0052	U	
		VMP-64-10-012218	1/22/2018	<0.019	U		0.0043	J		<0 0058	U		<0.0049	U		<0 017	U					0.017			<0 0058	U	
		VMP-64-10-041218	4/12/2018	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0 018	U					<0.012	U		<0.006	U	
	20 ft	VMP-64-20-072517	7/25/2017	<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0 018	U					<0.012	U		<0 0062	U	
		VMP-64-20-110317	11/3/2017	<0.017	U		<0.012	U		<0 0052	U		<0.0044	U		<0 015	U					<0.01	U		<0 0052	U	
		VMP-64-20-012218	1/22/2018	<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0 017	U					0.0094	J		<0 0059	U	
		VMP-64-20-041218	4/12/2018	<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0 017	U					<0.012	U		<0 0059	U	

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

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-1-5-072417	7/24/2017	<0.0053	U		<0.0085	U		<0 0084	U		<0.0036	U		0.0074			<0.037	U		<0.0068	U		<0 0068	U	
		VMP-1-5-102617	10/26/2017	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		0.0012	J		<0.034	U		<0.0064	U		<0 0064	U	
		VMP-1-5-012618	1/26/2018	<0.0047	U		<0.0075	U		<0 0074	U		<0.0032	U		<0.0041	U		<0.032	U		<0.006	U		<0.006	U	
		VMP-1-5-042718	4/27/2018	<0.0053	U		<0.0085	U		<0 0084	U		<0.0036	U		0.0013	J		<0.037	U		<0.0067	U		<0 0067	U	
	8.5 ft	VMP-1-8.5-072417	7/24/2017	<0.0053	U		<0.0085	U		<0 0084	U		<0.0037	U		0.0014	J		<0.037	U		<0.0068	U		<0 0068	U	
		VMP-1-8.5-102617	10/26/2017	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-1-8.5-012418	1/24/2018	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-1-8.5-042718	4/27/2018	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
	23.5 ft	VMP-1-23.5-072417	7/24/2017	0 0011	J		<0.0082	U		<0 0081	U		<0.0035	U		0.0076			<0.035	U		<0.0065	U		<0 0065	U	
		VMP-1-23.5-102617	10/26/2017	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0 0064	U	
		VMP-1-23.5-012618	1/26/2018	<0.0046	U		<0.0074	U		<0 0074	U		<0.0032	U		0 045			<0.032	U		<0.0059	U		<0 0059	U	
		VMP-1-23.5-042718	4/27/2018	<0.0053	U		<0.0085	U		<0 0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0 0067	U	
VMP-2	5 ft	VMP-2-5-072417	7/24/2017	0 0044	J		<0.0085	U		0.02			<0.0036	U		0 056			<0.037	U		<0.0068	U		<0 0068	U	
		VMP-2-5-102617	10/26/2017	<0.005	U		<0.0081	U		0.0064	J		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0 0064	U	
		VMP-2-5-012918	1/29/2018	<0.0046	U		<0.0075	U		<0 0074	U		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0 0059	U	
		VMP-2-5-032818	3/28/2018	<0.0051	U		<0.0082	U		0.0021	J		<0.0035	U		0.00028	J		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-2-5-041018	4/10/2018	<0.0049	U		<0.0079	U		0.0026	J		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0 0062	U	
	8.5 ft	VMP-2-8.5-072417	7/24/2017	<0.0058	U		<0.0094	U		0.017			<0.004	U		0.0011	J		<0.041	U		<0.0075	U		<0 0075	U	
		VMP-2-8.5-102617	10/26/2017	<0.0052	U		<0.0083	U		0.019			<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-2-8.5-012918	1/29/2018	<0.0048	U		<0.0077	U		0.0078			<0.0033	U		0.00052	J		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-2-8.5-032818	3/28/2018	<0.0049	U		<0.0079	U		0.0067	J		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-2-8.5-041018	4/10/2018	<0.0048	U		<0.0077	U		0.0065	J		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
	22 ft	VMP-2-22-072417	7/24/2017	<0.0056	U		<0.009	U		0.0081	J		<0.0039	U		0.0012	J		<0.039	U		<0.0071	U		<0 0071	U	
		VMP-2-22-072417-DUP	7/24/2017	0.001	J		<0.0086	U		0.007	J		<0.0037	U		0.00094	J		<0.037	U		<0.0068	U		<0 0068	U	
		VMP-2-22-102617	10/26/2017	<0.0047	U		<0.0076	U		0.015			<0.0032	U		<0.0042	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-2-22-012918	1/29/2018	<0.0046	U		<0.0074	U		0.0058	J		<0.0032	U		<0 004	U		<0.032	U		<0.0059	U		<0 0059	U	
		VMP-2-22-032818	3/28/2018	<0.0048	U		<0.0078	U		0.0069	J		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-2-22-041018	4/10/2018	<0.005	U		<0.008	U		0.0059	J		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0 0064	U	
VMP-3	5 ft	VMP-3-5-072017	7/20/2017	<0.0054	U		<0.0086	U		<0 0085	U		<0.0037	U		0 001	J		<0.037	U		<0.0069	U		<0 0069	U	
		VMP-3-5-102617	10/26/2017	<0.0053	U		<0.0085	U		<0 0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0 0068	U	
		VMP-3-5-012318	1/23/2018	<0.0046	U		<0.0075	U		<0 0074	U		<0.0032	U		0.0017	J		<0.032	U		<0.0059	U		<0 0059	U	
		VMP-3-5-042718	4/27/2018	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
	10 ft	VMP-3-10-072017	7/20/2017	<0.0056	U		<0.009	U		<0 0089	U		<0.0039	U		0.00092	J		<0.039	U		<0.0071	U		<0 0071	U	
		VMP-3-10-102617	10/26/2017	<0.0053	U		<0.0085	U		<0 0084	U		<0.0037	U		0.0005	J		<0.037	U		<0.0068	U		<0 0068	U	
		VMP-3-10-012318	1/23/2018	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-3-10-042718	4/27/2018	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		0.00079	J		<0.035	U		<0.0065	U		<0 0065	U	
	22 ft	VMP-3-22-072017	7/20/2017	<0.0054	U		<0.0087	U		0.0036	J		<0.0037	U		0.00062	J		<0.038	U		<0.0069	U		<0 0069	U	
		VMP-3-22-102617	10/26/2017	<0.005	U		<0.0081	U		0.0021	J		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-3-22-012318	1/23/2018	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		0.0076			<0.033	U		<0.0061	U		<0 0061	U	
		VMP-3-22-042718	4/27/2018	<0.0055	U		<0.0088	U		<0 0088	U		<0.0038	U		0.00075	J		<0.038	U		<0.007	U		<0.007	U	
	31.5 ft	VMP-3-31.5-072017	7/20/2017	<0.0053	U		<0.0086	U		<0 0085	U		<0.0037	U		0.0051			<0.037	U		<0.0068	U		<0 0068	U	
		VMP-3-31.5-102617	10/26/2017	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.00082	J		<0.035	U		<0.0064	U		<0 0064	U	
		VMP-3-31.5-102617-DUP	10/26/2017	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		0 001	J		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-3-31.5-042718	4/27/2018	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0 0064	U	
	39 ft	VMP-3-39-042718	4/27/2018	<0.0062	U		<0.01	U		<0 0099	U		<0.0043	U		0.00096	J		<0.043	U		<0.0079	U		<0 0079	U	
		VMP-3-39-042718-DUP	4/27/2018	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0 0081	U	
VMP-4	5 ft	VMP-4-5-072517	7/25/2017	<0.0053	U		<0.0085	U		<0 0084	U		<0.0037	U		0.00052	J		<0.037	U		<0.0068	U		<0 0068	U	
		VMP-4-5-110117	11/1/2017	<0.0047	U		<0.0076	U		<0 0076	U		<0.0033	U		0.00044	J		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-4-5-012318	1/23/2018	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0 0064	U	
		VMP-4-5-041118	4/11/2018	<0.0053	U		<0.0085	U		<0 0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0 0067	U	
	12 ft	VMP-4-12-072517	7/25/2017	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		0.00039	J		<0.036	U		<0.0065	U		<0 0065	U	
		VMP-4-12-110117	11/1/2017	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		<0.0042	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-4-12-012318	1/23/2018	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-4-12-041118	4/11/2018	<0.0055	U		<0.0088	U		<0 0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
	23.5 ft	VMP-4-23.5-072517	7/25/2017	<0.0052	U		<0.0083	ND,UJ	UJ	<0 0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-4-23.5-072517-DUP	7/25/2017	<0.0055	U		<0.0088	ND,UJ	UJ	<0 0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-4-23.5-110117	11/1/2017	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		0.0016	J		<0.033	U		<0.006	U		<0.006	U	
		VMP-4-23.5-012318	1/23/2018	<0.0054	U		<0.0086	U		<0 0085	U		<0.0037	U		0.0039	J		<0.037	U		<0.0069	U		<0 0069	U	
		VMP-4-23.5-041118	4/11/2018	<0.099	U		<0.16	U		<0.16	U		<0.069	U		<0 088	U		<0.69	U		<0.13	U		<0.13	U	
		VMP-4-23.5-041118-DUP	4/11/2018	<0.11	U		<0.18	U		<0.18	U		<0.077	U		<0 098	U		<0.77	U		<0.14	U		<0.14	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	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-5-5-072017	7/20/2017	0.00085	J		<0.008	U		0.00096	J		<0.0034	U		0.0013	J		<0.034	U		<0.0064	U		<0 0064	U	
		VMP-5-5-103017	10/30/2017	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-5-5-012518	1/25/2018	<0.0046	U		<0.0074	U		<0 0073	U		<0.0032	U		0.05			<0.032	U		<0.0059	U		<0 0059	U	
		VMP-5-5-041618	4/16/2018	<0.0046	U		<0.0073	U		<0 0072	U		<0.0032	U		<0 004	U		<0.032	U		<0.0058	U		<0 0058	U	
	12.5 ft	VMP-5-12.5-072017	7/20/2017	<0.0053	U		<0.0086	U		0.0015	J		<0.0037	U		0.0015	J		<0.037	U		<0.0068	U		<0 0068	U	
		VMP-5-12.5-102017	10/30/2017	<0.0045	U		<0.0073	U		<0 0072	U		<0.0031	U		0.0022	J		<0.031	U		<0.0058	U		<0 0058	U	
		VMP-5-12.5-012518	1/25/2018	<0.0048	U		<0.0078	U		<0 0077	U		<0.0033	U		<0.0042	U		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-5-12.5-041618	4/16/2018	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		0.00091	J		<0.034	U		<0.0062	U		<0 0062	U	
	31 ft	VMP-5-31-072017	7/20/2017	<0.0053	U		<0.0085	U		<0 0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0 0068	U	
		VMP-5-31-072017-DUP	7/20/2017	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0 0065	U	
		VMP-5-31-103017	10/30/2017	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-5-31-012518	1/25/2018	<0.0048	U		<0.0078	U		<0 0077	U		<0.0033	U		0.00082	J		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-5-31-041618	4/16/2018	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		<0.0042	U		<0.033	U		<0.006	U		<0.006	U	
	40 ft	VMP-5-40-012518	1/25/2018	<0.0045	U		<0.0072	U		<0 0071	U		<0.0031	U		0.0011	J		<0.031	U		<0.0057	U		<0 0057	U	
		VMP-5-40-041618	4/16/2018	<0.0046	U		<0.0074	U		<0 0073	U		<0.0032	U		0.00048	J		<0.032	U		<0.0059	U		<0 0059	U	
		VMP-5-40-041618-DUP	4/16/2018	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U	
VMP-6	5 ft	VMP-6-5-072117	7/21/2017	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.0012	J		<0.035	U		<0.0064	U		<0 0064	U	
		VMP-6-5-103117	10/31/2017	<0.0046	U		<0.0073	U		<0 0072	U		<0.0032	U		0.00048	J		<0.032	U		<0.0058	U		<0 0058	U	
		VMP-6-5-012418	1/24/2018	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-6-5-042318	4/23/2018	<0.0046	U		<0.0074	U		<0 0073	U		<0.0032	U		<0.0041	J	U	<0.032	U		<0.0059	U		<0 0059	U	
	10 ft	VMP-6-10-072117	7/21/2017	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0063	U		<0 0063	U	
		VMP-6-10-103117	10/31/2017	0 0004	J		<0.0073	U		<0 0072	U		<0.0031	U		0.0023	J		<0.031	U		<0.0058	U		<0 0058	U	
		VMP-6-10-012418	1/24/2018	<0.0046	U		<0.0074	U		<0 0074	U		<0.0032	U		0.00076	J		<0.032	U		<0.0059	U		<0 0059	U	
		VMP-6-10-042318	4/23/2018	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	J	U	<0.035	U		<0.0065	U		<0 0065	U	
	31.5 ft	VMP-6-31.5-072117	7/21/2017	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0 0064	U	
		VMP-6-31.5-072117-DUP	7/21/2017	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-6-31.5-103117	10/31/2017	<0.0046	U		<0.0074	U		<0 0073	U		<0.0032	U		0.0016	J		<0.032	U		<0.0059	U		<0 0059	U	
		VMP-6-31.5-013118	1/31/2018	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-6-31.5-042318	4/23/2018	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
	39 ft	VMP-6-39-103117	10/31/2017	<0.0047	U		<0.0076	U		<0 0075	U		<0.0033	U		0.0062			<0.033	U		<0.006	U		<0.006	U	
		VMP-6-39-103117-DUP	10/31/2017	<0.0047	U		<0.0076	U		<0 0076	U		<0.0033	U		0.0036	J		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-6-39-012418	1/24/2018	<0.0046	U		<0.0074	U		<0 0073	U		<0.0032	U		0.0034	J		<0.032	U		<0.0059	U		<0 0059	U	
		VMP-6-39-012418-DUP	1/24/2018	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		0.0022	J		<0.034	U		<0.0064	U		<0 0064	U	
		VMP-6-39-042318	4/23/2018	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
VMP-7	5 ft	VMP-7-5-072117	7/21/2017	<0.0052	U		<0.0084	U		<0 0083	U		<0.0036	U		0.0012	J		<0.036	U		<0.0067	U		<0 0067	U	
		VMP-7-5-102517	10/25/2017	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-7-5-012518	1/25/2018	<0.0048	U		<0.0078	U		<0 0077	U		<0.0033	U		0.00079	J		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-7-5-042318	4/23/2018	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
	13.5 ft	VMP-7-13.5-072117	7/21/2017	<0.0051	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-7-13.5-102517	10/25/2017	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		0.0018	J		<0.034	U		<0.0064	U		<0 0064	U	
		VMP-7-13.5-012518	1/25/2018	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		0.0026	J		<0.034	U		<0.0064	U		<0 0064	U	
		VMP-7-13.5-042318	4/23/2018	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0 0062	U	
	29.5 ft	VMP-7-29.5-072117	7/21/2017	<0.0051	U		<0.0082	U		0.015			<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-7-29.5-102517	10/25/2017	<0.005	U		<0.0081	U		0.0081			<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0 0064	U	
		VMP-7-29.5-012518	1/25/2018	0 0011	J		<0.0079	U		0.0099			<0.0034	U		0 045			<0.034	U		<0.0063	U		<0 0063	U	
		VMP-7-29.5-042318	4/23/2018	<0.005	U		<0.008	U		0.008			<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0 0064	U	
	38 ft	VMP-7-38-102517	10/25/2017	<0.005	U		<0.008	U		0.069			<0.0034	U		0.00048	J		<0.035	U		<0.0064	U		<0 0064	U	
		VMP-7-38-012518	1/25/2018	<0.0049	U		<0.0079	U		0.027			<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-7-38-042318	4/23/2018	<0.0048	U		<0.0077	U		0.027			<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-7-38-042318-DUP	4/23/2018	<0.005	U		<0.008	U		0.027			<0.0034	U		<0.0044	U		<0.034	U		<0.0064	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	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-8-5-071917	7/19/2017	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0 0065	U	
		VMP-8-5-103017	10/30/2017	0.00027	J		<0.0079	U		<0 0078	U		<0.0034	U		0.0047			<0.034	U		<0.0063	U		<0 0063	U	
		VMP-8-5-012218	1/22/2018	<0.0048	U		<0.0078	U		<0 0077	U		<0.0033	U		0.0044			<0.034	U		<0.0062	U		<0 0062	U	
		VMP-8-5-041818	4/18/2018	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.0014	J		<0.035	U		<0.0065	U		<0 0065	U	
	9.5 ft	VMP-8-9.5-071917	7/19/2017	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-8-9.5-103017	10/30/2017	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		0.0012	J		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-8-9.5-012218	1/22/2018	<0.0049	U		<0.008	U		<0 0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0 0063	U	
		VMP-8-9.5-041818	4/18/2018	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
	23.5 ft	VMP-8-23.5-071917	7/19/2017	<0.0052	U		<0.0084	U		<0 0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0 0067	U	
		VMP-8-23.5-103017	10/30/2017	<0.0047	U		<0.0076	U		<0 0076	U		<0.0033	U		0.00042	J		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-8-23.5-012218	1/22/2018	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0 0064	U	
		VMP-8-23.5-012218-DUP	1/22/2018	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-8-23.5-041818	4/18/2018	<0.0052	U		<0.0084	U		<0 0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
	35.5 ft	VMP-8-35.5-071917	7/19/2017	<0.0093	U		<0.015	U		<0.015	U		<0.0064	U		<0.0082	U		<0.065	U		<0.012	U		<0.012	U	
		VMP-8-35.5-071917-DUP	7/19/2017	<0.01	U		<0.017	U		<0.016	U		<0.0072	U		<0.0092	U		<0.072	U		<0.013	U		<0.013	U	
		VMP-8-35.5-103017	10/30/2017	<0.0048	U		<0.0078	U		<0 0077	U		<0.0033	U		0.0011	J		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-8-35.5-042018	4/20/2018	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		0.0046			<0.034	U		<0.0062	U		<0 0062	U	
VMP-9	5 ft	VMP-9-5-071917	7/19/2017	<0.0052	U		<0.0084	U		<0 0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0 0067	U	
		VMP-9-5-110117	11/1/2017	<0.0047	U		<0.0075	U		<0 0074	U		<0.0032	U		<0.0041	U		<0.032	U		<0.006	U		<0.006	U	
		VMP-9-5-012218	1/22/2018	<0.0054	U		<0.0086	U		<0 0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0 0069	U	
		VMP-9-5-042618	4/26/2018	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
	11.5 ft	VMP-9-11.5-071917	7/19/2017	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0 0064	U	
		VMP-9-11.5-110117	11/1/2017	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0 0064	U	
		VMP-9-11.5-012218	1/22/2018	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		0.0053			<0.036	U		<0.0065	U		<0 0065	U	
		VMP-9-11.5-042618	4/26/2018	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
	25.5 ft	VMP-9-25.5-071917	7/19/2017	<0.0052	U		<0.0084	U		<0 0083	U		<0.0036	U		0.00062	J		<0.036	U		<0.0067	U		<0 0067	U	
		VMP-9-25.5-110117	11/1/2017	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-9-25.5-012218	1/22/2018	<0.0051	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-9-25.5-042618	4/26/2018	0 0015	J		<0.0083	U		<0 0082	U		<0.0036	U		0 029			<0.036	U		<0.0066	U		<0 0066	U	
	38.5 ft	VMP-9-38.5-110117	11/1/2017	<0.0047	U		<0.0076	U		0.0016	J		<0.0033	U		0.0005	J		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-9-38.5-012218	1/22/2018	<0.0051	U		<0.0083	U		0.0041	J		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-9-38.5-042618	4/26/2018	<0.0052	U		<0.0083	U		0.0031	J		<0.0036	U		0.00078	J		<0.036	U		<0.0066	U		<0 0066	U	
VMP-18	8.5 ft	VMP-18-8.5-072717	7/27/2017	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		0.00088	J		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-18-8.5-110317	11/3/2017	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-18-8.5-110317-DUP	11/3/2017	<0.0044	U		<0.0072	U		<0 0071	U		<0.0031	U		0.00041	J		<0.031	U		<0.0057	U		<0 0057	U	
		VMP-18-8.5-012418	1/24/2018	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		0.0035	J		<0.034	U		<0.0063	U		<0 0063	U	
		VMP-18-8.5-033018	3/30/2018	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		0.00044	J		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-18-8.5-041018	4/10/2018	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
VMP-19	5 ft	VMP-19-5-072717	7/27/2017	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-19-5-102517	10/25/2017	<0.0048	U		<0.0078	U		<0 0077	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-19-5-012518	1/25/2018	<0.0048	U		<0.0078	U		<0 0077	U		<0.0034	U		0 061			<0.034	U		<0.0062	U		<0 0062	U	
		VMP-19-5-042618	4/26/2018	<0.0054	U		<0.0086	U		<0 0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0 0069	U	
VMP-20	5 ft	VMP-20-5-072417	7/24/2017	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-20-5-103117	10/31/2017	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		0 011			<0.033	U		<0.0061	U		<0 0061	U	
		VMP-20-5-012218	1/22/2018	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0 0064	U	
		VMP-20-5-041218	4/12/2018	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0 0064	U	
	10 ft	VMP-20-10-072417	7/24/2017	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0 0063	U	
		VMP-20-10-103117	10/31/2017	<0.0047	U		<0.0075	U		<0 0074	U		<0.0032	U		<0.0041	U		<0.032	U		<0.006	U		<0.006	U	
		VMP-20-10-012218	1/22/2018	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0 0065	U	
		VMP-20-10-041218	4/12/2018	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0 0064	U	
	25 ft	VMP-20-25-072417	7/24/2017	<0.0052	U		<0.0084	U		<0 0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0 0067	U	
		VMP-20-25-103117	10/31/2017	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		0.0011	J		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-20-25-012218	1/22/2018	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0063	U		<0 0063	U	
		VMP-20-25-041218	4/12/2018	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
	39.5 ft	VMP-20-39.5-041218	4/12/2018	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	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	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-21-5-072017	7/20/2017	<0.0049	U		<0.0079	U		0.0041	J		<0.0034	U		0.00044	J		<0.034	U		<0.0063	U		<0 0063	U	
		VMP-21-5-103117	10/31/2017	<0.0048	U		<0.0077	U		0.002	J		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-21-5-012318	1/23/2018	<0.0046	U		<0.0074	U		<0 0073	U		<0.0032	U		0.0031	J		<0.032	U		<0.0059	U		<0 0059	U	
		VMP-21-5-041318	4/13/2018	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.0006	J		<0.035	U		<0.0064	U		<0 0064	U	
	10 ft	VMP-21-10-072017	7/20/2017	<0.0052	U		<0.0083	U		0.0043	J		<0.0036	U		0.0006	J		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-21-10-103117	10/31/2017	<0.0047	U		<0.0076	U		0.0059	J		<0.0032	U		0.0094			<0.033	U		<0.006	U		<0.006	U	
		VMP-21-10-012318	1/23/2018	<0.0047	U		<0.0076	U		0.0026	J		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-21-10-041318	4/13/2018	<0.0051	U		<0.0083	U		0.0018	J		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0 0066	U	
	25 ft	VMP-21-25-072017	7/20/2017	<0.0051	U		<0.0082	U		0.0014	J		<0.0035	U		0.00036	J		<0.036	U		<0.0065	U		<0 0065	U	
		VMP-21-25-103117	10/31/2017	<0.0049	U		<0.0079	U		0.0032	J		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0 0063	U	
		VMP-21-25-012318	1/23/2018	<0.0048	U		<0.0077	U		0.0036	J		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-21-25-041318	4/13/2018	<0.0052	U		<0.0083	U		0.0019	J		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
	33 ft	VMP-21-33-072017	7/20/2017	<0.0048	U		<0.0078	U		0.0084			<0.0033	U		0.0012	J		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-21-33-072017-DUP	7/20/2017	<0.0052	U		<0.0084	U		0.0083			<0.0036	U		0.0013	J		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-21-33-103117	10/31/2017	<0.0048	U		<0.0077	U		0.008			<0.0033	U		0.0034	J		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-21-33-012318	1/23/2018	<0.0046	U		<0.0074	U		0.0084			<0.0032	U		0.00053	J		<0.032	U		<0.0059	U		<0 0059	U	
		VMP-21-33-012318-DUP	1/23/2018	<0.0047	U		<0.0075	U		0.008			<0.0032	U		0.00063	J		<0.032	U		<0.006	U		<0.006	U	
		VMP-21-33-041318	4/13/2018	<0.0055	U		<0.0088	U		0.008	J		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
VMP-22	5 ft	VMP-22-5-072617	7/26/2017	<0.0052	U		<0.0084	U		<0 0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0 0067	U	
		VMP-22-5-102617	10/26/2017	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		<0.0042	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-22-5-013018	1/30/2018	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		0.00079	J		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-22-5-041318	4/13/2018	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
	10 ft	VMP-22-10-072617	7/26/2017	<0.0052	U		<0.0084	U		<0 0083	U		<0.0036	U		0.0013	J		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-22-10-102617	10/26/2017	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0 0065	U	
		VMP-22-10-013018	1/30/2018	<0.0046	U		<0.0073	U		<0 0072	U		<0.0032	U		0.0009	J		<0.032	U		<0.0058	U		<0 0058	U	
		VMP-22-10-050118	5/1/2018	<0.0054	U		<0.0086	U		<0 0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0 0069	U	
	18 ft	VMP-22-18-072617	7/26/2017	<0.0058	U		<0.0094	U		<0 0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0 0074	U	
		VMP-22-18-102617	10/26/2017	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0 0063	U	
		VMP-22-18-013018	1/30/2018	<0.0045	U		<0.0072	U		<0 0072	U		<0.0031	U		0.00053	J		<0.031	U		<0.0058	U		<0 0058	U	
		VMP-22-18-041318	4/13/2018	<0.0056	U		<0.009	U		<0 0088	U		<0.0038	U		<0.0049	U		<0.039	U		<0.0071	U		<0 0071	U	
		VMP-22-18-041318-DUP	4/13/2018	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
	38 ft	VMP-22-38-072617	7/26/2017	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-22-38-072617-DUP	7/26/2017	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-22-38-102617	10/26/2017	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0 0064	U	
		VMP-22-38-013018	1/30/2018	<0.0048	U		<0.0078	U		<0 0077	U		<0.0033	U		0.00081	J		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-22-38-050118	5/1/2018	<0.0054	U		<0.0086	U		<0 0085	U		<0.0037	U		0.0018	J		<0.037	U		<0.0069	U		<0 0069	U	
VMP-23	5 ft	VMP-23-5-072017	7/20/2017	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		0.00052	J		<0.036	U		<0.0065	U		<0 0065	U	
		VMP-23-5-102517	10/25/2017	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0 0065	U	
		VMP-23-5-012318	1/23/2018	<0.0055	U		<0.0088	U		<0 0088	U		<0.0038	U		0.0012	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-23-5-041618	4/16/2018	<0.0048	U		<0.0078	U		<0 0077	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0 0062	U	
	10 ft	VMP-23-10-072017	7/20/2017	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.0033	J		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-23-10-102517	10/25/2017	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		0.00085	J		<0.035	U		<0.0064	U		<0 0064	U	
		VMP-23-10-012318	1/23/2018	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		0 001	J		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-23-10-041618	4/16/2018	<0.0049	U		<0.008	U		<0 0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0 0063	U	
	25 ft	VMP-23-25-072017	7/20/2017	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-23-25-102517	10/25/2017	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.00065	J		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-23-25-012318	1/23/2018	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		0.0033	J		<0.033	U		<0.006	U		<0.006	U	
		VMP-23-25-041618	4/16/2018	<0.0048	U		<0.0078	U		<0 0077	U		<0.0033	U		<0.0042	U		<0.034	U		<0.0062	U		<0 0062	U	
	40 ft	VMP-23-40-012318	1/23/2018	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0 0064	U	
		VMP-23-40-041618	4/16/2018	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	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	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-24-5-072117	7/21/2017	<0.0053	U		<0.0085	U		<0 0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0 0068	U	
		VMP-24-5-102517	10/25/2017	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.00054	J		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-24-5-012418	1/24/2018	<0.0048	U		<0.0078	U		<0 0077	U		<0.0033	U		0 003	J		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-24-5-042518	4/25/2018	<0.0053	U		<0.0085	U		<0 0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0 0067	U	
	10 ft	VMP-24-10-072117	7/21/2017	<0.0052	U		<0.0084	U		<0 0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-24-10-102517	10/25/2017	<0.0047	U		<0.0075	U		<0 0074	U		<0.0032	U		<0.0041	U		<0.032	U		<0.006	U		<0.006	U	
		VMP-24-10-012418	1/24/2018	<0.0047	U		0.0011	J		<0 0074	U		<0.0032	U		0.00051	J		<0.032	U		<0.006	U		<0.006	U	
		VMP-24-10-042518	4/25/2018	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
	22 ft	VMP-24-22-072117	7/21/2017	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0 0065	U	
		VMP-24-22-102517	10/25/2017	<0.0047	U		<0.0076	U		<0 0075	U		0.0043			0.00041	J		<0.033	U		<0.006	U		<0.006	U	
		VMP-24-22-013118	1/31/2018	<0.0048	U		<0.0078	U		<0 0077	U		<0.0033	U		0.0013	J		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-24-22-042518	4/25/2018	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		<0.0043	U		<0.034	J	U	<0.0062	U		<0 0062	U	
	34 ft	VMP-24-34-072117	7/21/2017	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0 0065	U	
		VMP-24-34-072117-DUP	7/21/2017	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		0.00086	J		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-24-34-102517	10/25/2017	<0.0049	U		<0.0079	U		<0 0078	U		0.0021	J		0.00085	J		<0.034	U		<0.0063	U		<0 0063	U	
		VMP-24-34-012418	1/24/2018	<0.0045	U		<0.0073	U		<0 0072	U		<0.0031	U		<0 004	U		<0.031	U		<0.0058	U		<0 0058	U	
		VMP-24-34-042518	4/25/2018	<0.0053	U		<0.0085	U		<0 0084	U		<0.0036	U		0.0011	J		<0.037	U		<0.0067	U		<0 0067	U	
		VMP-24-34-042518-DUP	4/25/2018	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
VMP-32	5 ft	VMP-32-5-072417	7/24/2017	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		0.0035	J		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-32-5-103117	10/31/2017	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		0.0096			<0.033	U		<0.0061	U		<0 0061	U	
		VMP-32-5-012918	1/29/2018	<0.0046	U		<0.0074	U		<0 0073	U		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0 0059	U	
		VMP-32-5-032818	3/28/2018	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		0.00054	J		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-32-5-041018	4/10/2018	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U	
	10 ft	VMP-32-10-072417	7/24/2017	<0.0052	U		<0.0084	U		<0 0083	U		<0.0036	U		0.0026	J		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-32-10-103117	10/31/2017	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-32-10-012918	1/29/2018	<0.0046	U		<0.0074	U		<0 0074	U		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0 0059	U	
		VMP-32-10-032818	3/28/2018	<0.0053	U		<0.0085	U		<0 0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0 0068	U	
		VMP-32-10-041018	4/10/2018	<0.0049	U		<0.008	U		<0 0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0 0063	U	
	20 ft	VMP-32-20-072417	7/24/2017	<0.0053	U		<0.0085	U		<0 0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0 0068	U	
		VMP-32-20-103117	10/31/2017	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0063	U		<0 0063	U	
		VMP-32-20-012918	1/29/2018	<0.0043	U		<0.0069	U		<0 0068	U		<0.003	U		0.00049	J		<0.03	U		<0.0055	U		<0 0055	U	
		VMP-32-20-032818	3/28/2018	<0.0048	U		<0.0078	U		<0 0077	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-32-20-041018	4/10/2018	<0.0048	U		<0.0078	U		<0 0077	U		<0.0033	U		<0.0042	U		<0.034	U		<0.0062	U		<0 0062	U	
	30 ft	VMP-32-30-072417	7/24/2017	0.00091	J		<0.0085	U		<0 0084	U		<0.0036	U		0.0097			<0.037	U		<0.0067	U		<0 0067	U	
		VMP-32-30-072417-DUP	7/24/2017	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-32-30-103117	10/31/2017	<0.0096	U		<0.015	U		<0.015	U		<0.0066	U		<0.0084	U		<0.067	U		<0.012	U		<0.012	U	
		VMP-32-30-012918	1/29/2018	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-32-30-032818	3/28/2018	<0.0049	U		<0.008	U		<0 0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0 0063	U	
		VMP-32-30-041018	4/10/2018	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		0.00074	J		<0.033	U		<0.006	U		<0.006	U	
		VMP-32-30-041018-DUP	4/10/2018	<0.0045	U		<0.0072	U		<0 0071	U		<0.0031	U		0.00056	J		<0.031	U		<0.0057	U		<0 0057	U	
VMP-42	10 ft	VMP-42-10-072017	7/20/2017	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-42-10-110117	11/1/2017	0.00034	J		<0.007	U		<0.007	U		<0.003	U		0.0068			<0.03	U		<0.0056	U		<0 0056	U	
		VMP-42-10-012318	1/23/2018	<0.0047	U		<0.0076	U		<0 0075	U		<0.0033	U		0.0017	J		<0.033	U		<0.006	U		<0.006	U	
		VMP-42-10-041918	4/19/2018	<0.0047	U		<0.0076	U		<0 0075	U		<0.0033	U		<0.0042	U		<0.033	U		<0.006	U		<0.006	U	
	20 ft	VMP-42-20-072017	7/20/2017	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		0.0022	J		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-42-20-110117	11/1/2017	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-42-20-012318	1/23/2018	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		0.0006	J		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-42-20-041918	4/19/2018	<0.0046	U		<0.0074	U		<0 0073	U		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0 0059	U	
	30 ft	VMP-42-30-072017	7/20/2017	<0.0052	U		<0.0084	U		<0 0083	U		<0.0036	U		0.00035	J		<0.036	U		<0.0067	U		<0 0067	U	
		VMP-42-30-110117	11/1/2017	<0.0047	U		<0.0076	U		<0 0076	U		<0.0033	U		0.0014	J	J	<0.033	U		<0.0061	U		<0 0061	U	
		VMP-42-30-110117-DUP	11/1/2017	0.00076	J		<0.0073	U		0.0016	J		<0.0032	U		0 034		J	<0.032	U		<0.0058	U		<0 0058	U	
		VMP-42-30-012318	1/23/2018	<0.0043	U		<0.0069	U		<0 0068	U		<0.003	U		<0.0038	U		<0.03	U		<0.0055	U		<0 0055	U	
		VMP-42-30-041918	4/19/2018	<0.0048	U		<0.0078	U		<0 0077	U		<0.0033	U		<0.0042	U		<0.034	U		<0.0062	U		<0 0062	U	
VMP-43	10 ft	VMP-43-10-072417	7/24/2017	<0.0054	U		<0.0087	U		<0 0086	U		<0.0037	U		0.0013	J		<0.038	U		<0.0069	U		<0 0069	U	
		VMP-43-10-102717	10/27/2017	<0.0048	U		<0.0078	U		<0 0077	U		<0.0033	U		0.00085	J		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-43-10-012618	1/26/2018	<0.0045	U		<0.0073	U		<0 0072	U		<0.0031	U		0.00084	J		<0.032	U		<0.0058	U		<0 0058	U	
		VMP-43-10-041218	4/12/2018	<0.0051	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0 0066	U	
	20 ft	VMP-43-20-072417	7/24/2017	<0.0055	U		<0.0088	U		<0 0087	U		<0.0038	U		0.0012	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-43-20-102717	10/27/2017	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0 0064	U	
		VMP-43-20-012618	1/26/2018	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		0 014			<0.035	U		<0.0065	U		<0 0065	U	
		VMP-43-20-041218	4/12/2018	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
	30 ft	VMP-43-30-072417	7/24/2017	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0 0064	U	
		VMP-43-30-102717	10/27/2017	<0.0048	U		<0.0078	U		<0 0077	U		<0.0033	U		0.0048			<0.034	U		<0.0062	U		<0 0062	U	
		VMP-43-30-012618	1/26/2018	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0 0064	U	
		VMP-43-30-041218	4/12/2018	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-43-30-041218-DUP	4/12/2018	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	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	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-44-10-072517	7/25/2017	<0.0054	U		<0.0087	ND,UJ	UJ	<0 0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0 0069	U	
		VMP-44-10-102517	10/25/2017	<0.0052	U		<0.0084	U		<0 0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-44-10-012518	1/25/2018	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		0 018			<0.034	U		<0.0063	U		<0 0063	U	
		VMP-44-10-042318	4/23/2018	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
	20 ft	VMP-44-20-072517	7/25/2017	<0.0055	U		<0.0089	ND,UJ	UJ	<0 0088	U		<0.0038	U		0.0032	J		<0.038	U		<0.0071	U		<0 0071	U	
		VMP-44-20-102517	10/25/2017	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-44-20-012518	1/25/2018	<0.0048	U		<0.0078	U		<0 0077	U		<0.0033	U		0.00068	J		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-44-20-042718	4/27/2018	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
	30 ft	VMP-44-30-072517	7/25/2017	<0.0054	U		<0.0086	ND,UJ	UJ	<0 0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0 0069	U	
		VMP-44-30-102517	10/25/2017	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.00044	J		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-44-30-102517-DUP	10/25/2017	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		0.00082	J		<0.034	U		<0.0064	U		<0 0064	U	
		VMP-44-30-012518	1/25/2018	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		0.00085	J		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-44-30-012518-DUP	1/25/2018	<0.0048	U		<0.0078	U		<0 0077	U		<0.0034	U		0.0011	J		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-44-30-052118	5/21/2018	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		0.0025	J		<0.036	U		<0.0066	U		<0 0066	U	
VMP-45	10 ft	VMP-45-10-072517	7/25/2017	<0.0054	U		<0.0086	ND,UJ	UJ	<0 0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0 0069	U	
		VMP-45-10-103117	10/31/2017	0.00033	J		<0.0075	U		<0 0074	U		<0.0032	U		0.0077			<0.032	U		<0.006	U		<0.006	U	
		VMP-45-10-012418	1/24/2018	<0.0046	U		<0.0074	U		<0 0073	U		<0.0032	U		0.0016	J		<0.032	U		<0.0059	U		<0 0059	U	
		VMP-45-10-041818	4/18/2018	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		0.0012	J		<0.034	U		<0.0063	U		<0 0063	U	
	20 ft	VMP-45-20-072517	7/25/2017	<0.0053	U		<0.0086	ND,UJ	UJ	<0 0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0 0068	U	
		VMP-45-20-103117	10/31/2017	<0.0046	U		<0.0075	U		<0 0074	U		<0.0032	U		0.0042			<0.032	U		<0.0059	U		<0 0059	U	
		VMP-45-20-012418	1/24/2018	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-45-20-041818	4/18/2018	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		0.00031	J		<0.034	U		<0.0064	U		<0 0064	U	
	30 ft	VMP-45-30-072517	7/25/2017	<0.0054	U		<0.0086	ND,UJ	UJ	<0 0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0 0069	U	
		VMP-45-30-103117	10/31/2017	<0.0047	U		<0.0076	U		<0 0076	U		<0.0033	U		0.0012	J		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-45-30-012418	1/24/2018	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		0.0024	J		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-45-30-041818	4/18/2018	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.0028	J		<0.035	U		<0.0065	U		<0 0065	U	
VMP-47	5 ft	VMP-47-5-072417	7/24/2017	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-47-5-102617	10/26/2017	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		0.0027	J		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-47-5-012618	1/26/2018	<0.0048	U		<0.0078	U		<0 0077	U		<0.0034	U		0.0096			<0.034	U		<0.0062	U		<0 0062	U	
		VMP-47-5-042718	4/27/2018	<0.0053	U		<0.0085	U		<0 0084	U		<0.0036	U		0.0037	J		<0.037	J	U	<0.0067	U		<0 0067	U	
	10 ft	VMP-47-10-072417	7/24/2017	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-47-10-102617	10/26/2017	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-47-10-012618	1/26/2018	<0.0047	U		<0.0076	U		<0 0076	U		<0.0033	U		0 041			<0.033	U		<0.0061	U		<0 0061	U	
		VMP-47-10-042718	4/27/2018	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		0.0007	J		<0.036	U		<0.0066	U		<0 0066	U	
	20 ft	VMP-47-20-072417	7/24/2017	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		0.0013	J		<0.036	U		<0.0065	U		<0 0065	U	
		VMP-47-20-102617	10/26/2017	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0 0064	U	
		VMP-47-20-012618	1/26/2018	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.0059		J	<0.035	U		<0.0065	U		<0 0065	U	
		VMP-47-20-012618-DUP	1/26/2018	<0.0049	U		<0.0079	U		<0 0078	U		0.0023	J		0 015		J	<0.034	U		<0.0062	U		<0 0062	U	
		VMP-47-20-042718	4/27/2018	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
	30 ft	VMP-47-30-072417	7/24/2017	<0.0053	U		<0.0086	U		<0 0085	U		<0.0037	U		0.0041	J		<0.037	U		<0.0068	U		<0 0068	U	
		VMP-47-30-102617	10/26/2017	<0.0053	U		<0.0085	U		<0 0084	U		<0.0036	U		0.0019	J		<0.037	U		<0.0067	U		<0 0067	U	
		VMP-47-30-012618	1/26/2018	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0 0064	U	
		VMP-47-30-042718	4/27/2018	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-47-30-042718-DUP	4/27/2018	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
VMP-48	5 ft	VMP-48-5-072117	7/21/2017	<0.0051	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-48-5-103117	10/31/2017	<0.0046	U		<0.0075	U		<0 0074	U		<0.0032	U		0.00084	J		<0.032	U		<0.0059	U		<0 0059	U	
		VMP-48-5-012618	1/26/2018	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		0.0012	J		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-48-5-042718	4/27/2018	<0.014	U		<0.022	U		<0.022	U		<0.0095	U		<0 012	U		<0.096	U		<0.018	U		<0.018	U	
	10 ft	VMP-48-10-072117	7/21/2017	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0 0064	U	
		VMP-48-10-103117	10/31/2017	<0.0047	U		<0.0076	U		0.0018	J		<0.0032	U		0 003	J		<0.033	U		0.001	J		<0.006	U	
		VMP-48-10-012618	1/26/2018	<0.0047	U		<0.0075	U		<0 0074	U		<0.0032	U		<0.0041	U		<0.032	U		<0.006	U		<0.006	U	
		VMP-48-10-042718	4/27/2018	<0.0053	U		<0.0085	U		<0 0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0 0067	U	
	20 ft	VMP-48-20-072117	7/21/2017	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0 0064	U	
		VMP-48-20-103117	10/31/2017	<0.0045	U		<0.0073	U		<0 0072	U		<0.0031	U		0.00088	J		<0.031	U		0.00096	J		<0 0058	U	
		VMP-48-20-012618	1/26/2018	<0.0046	U		<0.0075	U		<0 0074	U		<0.0032	U		0.0008	J		<0.032	U		<0.0059	U		<0 0059	U	
		VMP-48-20-042718	4/27/2018	<0.0054	U		<0.0086	U		<0 0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0 0069	U	
	30 ft	VMP-48-30-072117	7/21/2017	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		0.0011	J		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-48-30-103117	10/31/2017	<0.0048	U		<0.0078	U		<0 0077	U		<0.0033	U		0.0009	J		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-48-30-103117-DUP	10/31/2017	<0.0047	U		<0.0076	U		<0 0075	U		<0.0033	U		0.00067	J		<0.033	U		<0.006	U		<0.006	U	
		VMP-48-30-012618	1/26/2018	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-48-30-042718	4/27/2018	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-48-30-042718-DUP	4/27/2018	<0.0055	U		<0.0088	U		<0 0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	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	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-49-5-072617	7/26/2017	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-49-5-102717	10/27/2017	<0.0048	U		<0.0078	U		<0 0077	U		<0.0033	U		0 029			<0.034	U		<0.0062	U		<0 0062	U	
		VMP-49-5-012618	1/26/2018	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		0.00063	J		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-49-5-041918	4/19/2018	<0.0051	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0 0066	U	
	10 ft	VMP-49-10-072617	7/26/2017	<0.0054	U		<0.0086	U		<0 0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0 0069	U	
		VMP-49-10-102717	10/27/2017	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0063	U		<0 0063	U	
		VMP-49-10-012618	1/26/2018	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-49-10-041918	4/19/2018	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.0011	J		<0.035	U		<0.0064	U		<0 0064	U	
	20 ft	VMP-49-20-072617	7/26/2017	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-49-20-102717	10/27/2017	<0.0046	U		<0.0074	U		<0 0074	U		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0 0059	U	
		VMP-49-20-012618	1/26/2018	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0 0064	U	
		VMP-49-20-041918	4/19/2018	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U	
	30 ft	VMP-49-30-072617	7/26/2017	<0.0053	U		<0.0086	U		<0 0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0 0068	U	
		VMP-49-30-072617-DUP	7/26/2017	<0.0053	U		<0.0085	U		<0 0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0 0068	U	
		VMP-49-30-102717	10/27/2017	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-49-30-012618	1/26/2018	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		0 029			<0.035	U		<0.0065	U		<0 0065	U	
		VMP-49-30-042718	4/27/2018	<0.0054	U		<0.0086	U		0.0017	J		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0 0069	U	
VMP-50	5 ft	VMP-50-5-072617	7/26/2017	<0.0054	U		<0.0087	U		0.017			<0.0037	U		0.00043	J		<0.038	U		<0.0069	U		<0 0069	U	
		VMP-50-5-110117	11/1/2017	<0.0047	U		<0.0076	U		0.0041	J		<0.0033	U		<0.0042	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-50-5-013118	1/31/2018	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		0 001	J		<0.036	U		<0.0065	U		<0 0065	U	
		VMP-50-5-032918	3/29/2018	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0 0064	U	
		VMP-50-5-041018	4/10/2018	<0.12	U		<0.18	U		<0.18	U		<0 08	U		<0.1	U		<0 8	U		<0.15	U		<0.15	U	
	10 ft	VMP-50-10-072617	7/26/2017	<0.0054	U		<0.0086	U		0.01			<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0 0069	U	
		VMP-50-10-110117	11/1/2017	<0.0047	U		<0.0076	U		0.0076			<0.0032	U		0.0015	J		<0.033	U		<0.006	U		<0.006	U	
		VMP-50-10-013118	1/31/2018	<0.0048	U		<0.0078	U		0.0026	J		<0.0033	U		<0.0043	U		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-50-10-032918	3/29/2018	<0.0048	U		<0.0077	U		0.0018	J		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-50-10-041018	4/10/2018	<0.016	U		<0.026	U		<0.026	U		<0.011	U		<0 014	U		<0.11	U		<0.02	U		<0.02	U	
	20 ft	VMP-50-20-072617	7/26/2017	<0.0052	U		<0.0084	U		0.0043	J		<0.0036	U		0.00085	J		<0.036	U		<0.0067	U		<0 0067	U	
		VMP-50-20-110117	11/1/2017	<0.0045	U		<0.0073	U		0.0043	J		<0.0031	U		0.01			<0.032	U		<0.0058	U		<0 0058	U	
		VMP-50-20-013118	1/31/2018	<0.02	U		<0.032	U		<0.031	U		<0.014	U		0.0095	J		<0.14	U		<0.025	U		<0.025	U	
		VMP-50-20-013118-DUP	1/31/2018	<0.02	U		<0.032	U		<0.032	U		<0.014	U		0 004	J		<0.14	U		<0.026	U		<0.026	U	
		VMP-50-20-032918	3/29/2018	<0.0048	U		<0.0077	U		0.0024	J		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-50-20-041018	4/10/2018	<0.48	U		<0.78	U		<0.77	U		<0 33	U		<0.43	U		<3.4	U		<0.62	U		<0.62	U	
		VMP-50-20-041018-DUP	4/10/2018	<0.49	U		<0.79	U		<0.78	U		<0 34	U		<0.43	U		<3.4	U		<0.62	U		<0.62	U	
	30 ft	VMP-50-30-072617	7/26/2017	<0.07	U		<0.11	U		0.018	J		<0.048	U		2.3			<0.49	U		<0.09	U		<0.09	U	
		VMP-50-30-110117	11/1/2017	<0.047	U		<0.076	U		<0.075	U		<0.033	U		4.5			<0.33	U		<0.06	U		<0.06	U	
		VMP-50-30-110117-DUP	11/1/2017	<0.046	U		<0.074	U		<0.074	U		<0.032	U		4.8			<0.32	U		<0.059	U		<0.059	U	
		VMP-50-30-013118	1/31/2018	<0.048	U		<0.078	U		<0.077	U		<0.033	U		0 045			<0.34	U		<0.062	U		<0.062	U	
		VMP-50-30-032918	3/29/2018	<0.066	U		<0.11	U		<0.1	U		<0.046	U		0 037	J		<0.46	U		<0.084	U		<0.084	U	
		VMP-50-30-032918-DUP	3/29/2018	<0.062	U		<0.1	U		<0.099	U		<0.043	U		0 032	J		<0.43	U		<0.08	U		<0.08	U	
		VMP-50-30-041018	4/10/2018	<0.99	U		<1.6	U		<1.6	U		<0 68	U		<0.88	U		<6 9	U		<1.3	U		<1.3	U	
VMP-51	5 ft	VMP-51-5-072017	7/20/2017	<0.0054	U		<0.0087	U		<0 0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0 0069	U	
		VMP-51-5-103017	10/30/2017	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-51-5-012318	1/23/2018	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-51-5-041618	4/16/2018	<0.0047	U		<0.0075	U		<0 0074	U		<0.0032	U		0.00034	J		<0.032	U		<0.006	U		<0.006	U	
	10 ft	VMP-51-10-072017	7/20/2017	<0.0049	U		<0.0079	U		0.0016	J		<0.0034	U		0.00036	J		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-51-10-103017	10/30/2017	<0.0048	U		<0.0078	U		<0 0077	U		<0.0033	U		<0.0043	U		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-51-10-012318	1/23/2018	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-51-10-041618	4/16/2018	<0.0044	U		<0.0072	U		<0 0071	U		<0.0031	U		<0.0039	U		<0.031	U		<0.0057	U		<0 0057	U	
	20 ft	VMP-51-20-072017	7/20/2017	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0 002	J		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-51-20-103017	10/30/2017	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.0064			<0.035	U		<0.0064	U		<0 0064	U	
		VMP-51-20-012318	1/23/2018	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		0.0012	J		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-51-20-012318-DUP	1/23/2018	<0.0045	U		<0.0073	U		<0 0072	U		<0.0031	U		0.0015	J		<0.032	U		<0.0058	U		<0 0058	U	
		VMP-51-20-041618	4/16/2018	<0.0045	U		<0.0072	U		<0 0072	U		<0.0031	U		<0 004	U		<0.031	U		<0.0058	U		<0 0058	U	
	30 ft	VMP-51-30-072017	7/20/2017	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-51-30-103017	10/30/2017	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		0.00041	J		<0.033	U		<0.006	U		<0.006	U	
		VMP-51-30-012318	1/23/2018	<0.0059	U		<0.0095	U		<0 0094	U		<0.0041	U		0.0017	J		<0.041	U		<0.0075	U		<0 0075	U	
		VMP-51-30-041618	4/16/2018	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		<0.0043	U		<0.034	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	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-52-5-072117	7/21/2017	<0.0053	U		<0.0086	U		<0 0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0 0068	U	
		VMP-52-5-102517	10/25/2017	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		0.00095	J		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-52-5-012418	1/24/2018	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		0.0015	J		<0.033	U		<0.006	U		<0.006	U	
		VMP-52-5-042618	4/26/2018	<0.0055	U		<0.0088	U		<0 0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
	10 ft	VMP-52-10-072117	7/21/2017	<0.0054	U		<0.0087	U		<0 0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0 0069	U	
		VMP-52-10-102517	10/25/2017	<0.0047	U		<0.0076	U		<0 0076	U		<0.0033	U		0 001	J		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-52-10-012418	1/24/2018	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		0.0041	J		<0.035	U		<0.0064	U		<0 0064	U	
		VMP-52-10-042618	4/26/2018	<0.0055	U		<0.0088	U		<0 0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
	20 ft	VMP-52-20-072117	7/21/2017	<0.0053	U		<0.0085	U		<0 0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0 0068	U	
		VMP-52-20-102517	10/25/2017	<0.0047	U		<0.0076	U		<0 0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-52-20-012418	1/24/2018	<0.0047	U		<0.0076	U		<0 0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-52-20-012418-DUP	1/24/2018	<0.0046	U		<0.0074	U		<0 0074	U		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0 0059	U	
		VMP-52-20-042618	4/26/2018	<0.0053	U		<0.0085	U		<0 0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0 0067	U	
	30 ft	VMP-52-30-072117	7/21/2017	<0.0054	U		<0.0088	U		<0 0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-52-30-102517	10/25/2017	<0.0049	U		<0.008	U		<0 0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0 0063	U	
		VMP-52-30-102517-DUP	10/25/2017	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0 0064	U	
		VMP-52-30-012418	1/24/2018	<0.0044	U		<0.0071	U		<0.007	U		<0.0031	U		0.0017	J		<0.031	U		<0.0057	U		<0 0057	U	
		VMP-52-30-042618	4/26/2018	<0.0057	U		<0.0092	U		<0 0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0 0073	U	
VMP-53	5 ft	VMP-53-5-071917	7/19/2017	<0.0052	U		<0.0084	U		<0 0083	U		<0.0036	U		0.0012	J		<0.036	U		<0.0067	U		<0 0067	U	
		VMP-53-5-110117	11/1/2017	<0.0045	U		<0.0073	U		<0 0072	U		<0.0031	U		<0 004	U		<0.032	U		<0.0058	U		<0 0058	U	
		VMP-53-5-012218	1/22/2018	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		0.0022	J		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-53-5-032918	3/29/2018	<0.0051	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-53-5-041018	4/10/2018	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0 0064	U	
	10 ft	VMP-53-10-071917	7/19/2017	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-53-10-110117	11/1/2017	<0.0047	U		<0.0076	U		<0 0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-53-10-012218	1/22/2018	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		0.0023	J		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-53-10-032918	3/29/2018	<0.0052	U		<0.0084	U		<0 0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0 0067	U	
		VMP-53-10-041018	4/10/2018	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0063	U		<0 0063	U	
	20 ft	VMP-53-20-071917	7/19/2017	<0.0052	U		<0.0084	U		<0 0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0 0067	U	
		VMP-53-20-110117	11/1/2017	<0.0047	U		<0.0076	U		<0 0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-53-20-012218	1/22/2018	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.0021	J		<0.035	U		<0.0064	U		<0 0064	U	
		VMP-53-20-012218-DUP	1/22/2018	<0.0051	U		<0.0083	U		<0 0082	U		<0.0036	U		0.0019	J		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-53-20-032918	3/29/2018	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0 0064	U	
		VMP-53-20-041018	4/10/2018	<0.0049	U		<0.008	U		<0 0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0 0063	U	
	30 ft	VMP-53-30-071917	7/19/2017	<0.0052	U		<0.0084	U		<0 0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0 0067	U	
		VMP-53-30-071917-DUP	7/19/2017	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-53-30-110117	11/1/2017	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-53-30-012218	1/22/2018	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-53-30-032918	3/29/2018	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0 0064	U	
		VMP-53-30-041018	4/10/2018	<0.0046	U		<0.0074	U		0.0013	J		<0.0032	U		<0 004	U		<0.032	U		<0.0059	U		<0 0059	U	
VMP-54	5 ft	VMP-54-5-071917	7/19/2017	<0.0052	U		<0.0084	U		0.0043	J		<0.0036	U		0.00062	J		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-54-5-102617	10/26/2017	<0.0046	U		<0.0074	U		0.0019	J		<0.0032	U		0.0013	J		<0.032	U		<0.0059	U		<0 0059	U	
		VMP-54-5-012218	1/22/2018	<0.0049	U		<0.008	U		<0 0079	U		<0.0034	U		0.00078	J		<0.034	U		<0.0063	U		<0 0063	U	
		VMP-54-5-041818	4/18/2018	<0.0052	U		<0.0083	U		0.001	J		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
	10 ft	VMP-54-10-071917	7/19/2017	<0.0053	U		<0.0086	U		0.0019	J		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0 0068	U	
		VMP-54-10-102617	10/26/2017	<0.0048	U		<0.0077	U		0.0032	J		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-54-10-012218	1/22/2018	<0.005	U		<0.0081	U		0.0017	J		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-54-10-041818	4/18/2018	<0.0051	U		<0.0082	U		0.00072	J		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0 0065	U	
	20 ft	VMP-54-20-071917	7/19/2017	<0.0053	U		<0.0085	U		<0 0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0 0068	U	
		VMP-54-20-102617	10/26/2017	<0.0046	U		<0.0073	U		0.0022	J		<0.0032	U		0.00089	J		<0.032	U		<0.0058	U		<0 0058	U	
		VMP-54-20-012218	1/22/2018	<0.0049	U		<0.0079	U		0.0027	J		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-54-20-041818	4/18/2018	<0.0049	U		<0.0079	U		0.002	J		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0 0063	U	
	30 ft	VMP-54-30-071917	7/19/2017	<0.0056	U		<0.009	U		0.0048	J		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0 0071	U	
		VMP-54-30-102617	10/26/2017	<0.0047	U		<0.0076	U		0.0011	J		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-54-30-102617-DUP	10/26/2017	<0.0048	U		<0.0077	U		0.0011	J		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-54-30-012218	1/22/2018	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-54-30-041818	4/18/2018	<0.0052	U		<0.0084	U		<0 0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0 0067	U	
VMP-56	10 ft	VMP-56-10-072117	7/21/2017	<0.0055	U		<0.0089	U		<0 0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0 0071	U	
		VMP-56-10-102717	10/27/2017	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0 0063	U	
		VMP-56-10-012918	1/29/2018	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-56-10-050118	5/1/2018	<0.0053	U		<0.0085	U		<0 0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0 0068	U	
	25 ft	VMP-56-25-072117	7/21/2017	<0.0053	U		<0.0086	U		<0 0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0 0068	U	
		VMP-56-25-102717	10/27/2017	<0.0048	U		<0.0078	U		<0 0077	U		<0.0033	U		0.0024	J		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-56-25-012918	1/29/2018	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		0.00091	J		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-56-25-050118	5/1/2018	<0.0051	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0 0066	U	
	38.5 ft	VMP-56-38.5-050118	5/1/2018	<21	U		<33	U		<33	U		<14	U		4200	CN	J	<140	U		<26	U		<26	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	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-62-5-072517	7/25/2017	0 0018	J		<0.0073	U		<0 0072	U		0.0023	J		0 015			<0.032	U		<0.0058	U		<0 0058	U	
		VMP-62-5-083017	8/30/2017	<0.0053	U		<0.0085	U		<0 0084	U		<0.0036	U		0.0012	J		<0.037	U		<0.0067	U		<0 0067	U	
		VMP-62-5-110317	11/3/2017	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-62-5-012918	1/29/2018	<0.0046	U		<0.0074	U		<0 0073	U		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0 0059	U	
		VMP-62-5-032818	3/28/2018	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-62-5-041018	4/10/2018	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
	10 ft	VMP-62-10-072517	7/25/2017	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-62-10-110317	11/3/2017	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-62-10-012918	1/29/2018	<0.0045	U		<0.0073	U		<0 0072	U		<0.0031	U		<0 004	U		<0.032	U		<0.0058	U		<0 0058	U	
		VMP-62-10-032818	3/28/2018	<0.0046	U		<0.0074	U		<0 0073	U		<0.0032	U		0.00031	J		<0.032	U		<0.0059	U		<0 0059	U	
		VMP-62-10-041018	4/10/2018	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		<0.0042	U		<0.033	U		<0.006	U		<0.006	U	
	20 ft	VMP-62-20-072517	7/25/2017	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-62-20-110317	11/3/2017	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-62-20-012918	1/29/2018	<0.0044	U		<0.0072	U		<0 0071	U		<0.0031	U		<0.0039	U		<0.031	U		<0.0057	U		<0 0057	U	
		VMP-62-20-032818	3/28/2018	<0.0051	U		<0.0082	U		<0 0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0 0065	U	
	30 ft	VMP-62-30-072517	7/25/2017	<0.0052	U		<0.0083	U		<0 0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-62-30-072517-DUP	7/25/2017	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0 0064	U	
		VMP-62-30-110317	11/3/2017	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		0.00043	J		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-62-30-110317-DUP	11/3/2017	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		0.00048	J		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-62-30-012918	1/29/2018	<0.0044	U		<0.0071	U		<0.007	U		<0.0031	U		0.00098	J		<0.031	U		<0.0057	U		<0 0057	U	
		VMP-62-30-012918-DUP	1/29/2018	<0.0046	U		<0.0073	U		<0 0072	U		<0.0032	U		0 001	J		<0.032	U		<0.0058	U		<0 0058	U	
		VMP-62-30-032818	3/28/2018	<0.0046	U		<0.0074	U		<0 0073	U		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0 0059	U	
		VMP-62-30-032818-DUP	3/28/2018	<0.0046	U		<0.0073	U		<0 0072	U		<0.0032	U		<0 004	U		<0.032	U		<0.0058	U		<0 0058	U	
		VMP-62-30-041018	4/10/2018	<0.0048	U		<0.0077	U		0.0092			<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
VMP-63	5 ft	VMP-63-5-072517	7/25/2017	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.0022	J		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-63-5-110117	11/1/2017	<0.0047	U		<0.0076	U		<0 0075	U		<0.0033	U		<0.0042	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-63-5-012618	1/26/2018	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		0.0013	J		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-63-5-041918	4/19/2018	<0.0045	U		<0.0073	U		<0 0072	U		<0.0031	U		0 003	J		<0.031	J	U	<0.0058	U		<0 0058	U	
	10 ft	VMP-63-10-072517	7/25/2017	<0.0052	U		<0.0084	U		<0 0083	U		0.015			0.00038	J		<0.036	U		<0.0066	U		<0 0066	U	
		VMP-63-10-110117	11/1/2017	<0.0047	U		<0.0076	U		<0 0075	U		<0.0033	U		0.0015	J		<0.033	U		<0.006	U		<0.006	U	
		VMP-63-10-012618	1/26/2018	<0.0048	U		<0.0077	U		<0 0076	U		<0.0033	U		0.0016	J		<0.033	U		<0.0061	U		<0 0061	U	
		VMP-63-10-041918	4/19/2018	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U	
	20 ft	VMP-63-20-072517	7/25/2017	<0.0053	U		<0.0085	U		<0 0084	U		<0.0036	U		0.0011	J		<0.037	U		<0.0067	U		<0 0067	U	
		VMP-63-20-110117	11/1/2017	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		0.0021	J		<0.033	U		<0.006	U		<0.006	U	
		VMP-63-20-012618	1/26/2018	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		0.0046			<0.034	U		<0.0062	U		<0 0062	U	
		VMP-63-20-041918	4/19/2018	<0.0047	U		<0.0076	U		<0 0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0 0061	U	
	30 ft	VMP-63-30-072517	7/25/2017	<0.005	U		<0.008	U		<0 0079	U		<0.0034	U		0.00039	J		<0.034	U		<0.0064	U		<0 0064	U	
		VMP-63-30-110117	11/1/2017	<0.0047	U		<0.0076	U		<0 0075	U		<0.0033	U		<0.0042	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-63-30-012618	1/26/2018	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		0 007			<0.034	U		<0.0062	U		<0 0062	U	
		VMP-63-30-012618-DUP	1/26/2018	<0.0047	U		<0.0076	U		<0 0075	U		<0.0032	U		0.0025	J		<0.033	U		<0.006	U		<0.006	U	
		VMP-63-30-041918	4/19/2018	<0.0048	U		<0.0078	U		<0 0077	U		<0.0034	U		0 036		J	<0.034	U		<0.0062	U		<0 0062	U	
		VMP-63-30-041918-DUP	4/19/2018	<0.0047	U		<0.0076	U		<0 0075	U		<0.0033	U		0 013		J	<0.033	U		<0.006	U		<0.006	U	
VMP-64	5 ft	VMP-64-5-072517	7/25/2017	<0.0099	U		<0.016	U		<0.016	U		<0.0068	U		<0.0088	U		<0.069	U		<0.013	U		<0.013	U	
		VMP-64-5-110317	11/3/2017	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-64-5-012218	1/22/2018	<0.0049	U		<0.0079	U		<0 0078	U		<0.0034	U		0.0016	J		<0.034	U		<0.0062	U		<0 0062	U	
		VMP-64-5-041218	4/12/2018	<0.0053	U		<0.0085	U		<0 0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0 0068	U	
	10 ft	VMP-64-10-072517	7/25/2017	<0.0054	U		<0.0087	U		0.0013	J		<0.0037	U		0.00036	J		<0.038	U		<0.0069	U		<0 0069	U	
		VMP-64-10-110317	11/3/2017	<0.0045	U		<0.0073	U		<0 0072	U		<0.0031	U		0.00082	J		<0.032	U		<0.0058	U		<0 0058	U	
		VMP-64-10-012218	1/22/2018	<0.0051	U		<0.0082	U		0.0017	J		<0.0035	U		0.0021	J		<0.035	U		<0.0065	U		<0 0065	U	
		VMP-64-10-041218	4/12/2018	<0.0052	U		<0.0084	U		0.0038	J		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0 0066	U	
	20 ft	VMP-64-20-072517	7/25/2017	<0.0054	U		<0.0086	U		0.052			<0.0037	U		0.00031	J		<0.037	U		0.001	J		<0 0069	U	
		VMP-64-20-110317	11/3/2017	<0.0045	U		<0.0073	U		0.035			<0.0031	U		0.00058	J		<0.032	U		<0.0058	U		<0 0058	U	
		VMP-64-20-012218	1/22/2018	<0.0051	U		<0.0083	U		0.26			<0.0036	U		<0.0045	U		<0.036	U		0.003	J		<0 0066	U	
		VMP-64-20-041218	4/12/2018	<0.0051	U		<0.0082	U		0.18			<0.0035	U		<0.0045	U		<0.035	U		0.0018	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	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			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	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-072417	7/24/2017	<0.0067	U		0.0011	J		0.0012	J		<0.0061	U		<0.0058	U		<0.0032	U		0.043			0.0094		
		VMP-1-5-102617	10/26/2017	<0.0063	U		0.0016	J		<0 0057	U		<0.0057	U		0 017			<0.003	U		0.0011	J		<0.005	U	
		VMP-1-5-012618	1/26/2018	<0.0059	U		0.0014	J		<0 0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-1-5-042718	4/27/2018	<0.0066	U		<0.0069	U		<0 0061	U		<0.0061	U		0 002	J		<0.0032	U		0.001	J		<0 0054	U	
	8.5 ft	VMP-1-8.5-072417	7/24/2017	<0.0067	U		0.0011	J		<0 0061	U		<0.0061	U		<0.0058	U		<0.0032	U		0.0018	J		<0 0054	U	
		VMP-1-8.5-102617	10/26/2017	<0.006	U		0.0015	J		<0 0055	U		<0.0055	U		0 003	J		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-1-8.5-012418	1/24/2018	<0.006	U		0.0013	J		<0 0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-1-8.5-042718	4/27/2018	<0.0065	U		<0.0068	U		<0 0059	U		<0.0059	U		0.0021	J		<0.0031	U		<0.0052	U		<0 0052	U	
	23.5 ft	VMP-1-23.5-072417	7/24/2017	<0.0064	U		0.0019	J		<0 0058	U		<0.0058	U		0.0029	J		<0.003	U		0.0054			0.0025	J	
		VMP-1-23.5-102617	10/26/2017	<0.0063	U		<0.0066	U		<0 0058	U		<0.0058	U		0 005	J		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-1-23.5-012618	1/26/2018	<0.0058	U		0.0013	J		<0 0053	U		<0.0053	U		0.00077	J		<0.0028	U		<0.0047	U		<0 0047	U	
		VMP-1-23.5-042718	4/27/2018	<0.0066	U		<0.0069	U		<0 0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0 0054	U	
VMP-2	5 ft	VMP-2-5-072417	7/24/2017	<0.0067	U		0.0018	J		0.0009	J		<0.0061	U		<0.0058	U		<0.0032	U		0.0071			0.0027	J	
		VMP-2-5-102617	10/26/2017	<0.0063	U		0.0014	J		<0 0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-2-5-012918	1/29/2018	<0.0058	U		0.0012	J		<0 0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0047	U		<0 0047	U	
		VMP-2-5-032818	3/28/2018	<0.0064	U		0.00088	J		0.00052	J		<0.0058	U		0.0049	J		<0.003	U		<0.0052	U		<0 0052	U	
		VMP-2-5-041018	4/10/2018	<0.0062	U		0.0018	J		<0 0056	U		<0.0056	U		0 001	J		<0.0029	U		<0.005	U		<0.005	U	
	8.5 ft	VMP-2-8.5-072417	7/24/2017	<0.0074	U		0.0018	J		<0 0067	U		<0.0067	U		0.0042	J		<0.0035	U		0.0017	J		<0 0059	U	
		VMP-2-8.5-102617	10/26/2017	<0.0065	U		0.001	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-2-8.5-012918	1/29/2018	<0.006	U		<0.0063	U		<0 0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-2-8.5-032818	3/28/2018	<0.0062	U		0.0013	J		<0 0056	U		<0.0056	U		0.00062	J		<0.0029	U		<0.005	U		<0.005	U	
		VMP-2-8.5-041018	4/10/2018	<0.006	U		0.0016	J		<0 0055	U		0.0009	J		<0.0052	U		<0.0029	U		<0.0049	U		<0 0049	U	
	22 ft	VMP-2-22-072417	7/24/2017	<0.007	U		0.0014	J		0.00078	J		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0 0057	U	
		VMP-2-22-072417-DUP	7/24/2017	<0.0067	U		0.0015	J		0.00073	J		<0.0062	U		<0.0059	U		<0.0032	U		<0.0054	U		<0 0054	U	
		VMP-2-22-102617	10/26/2017	<0.0059	U		0.0015	J		<0 0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-2-22-012918	1/29/2018	<0.0058	U		0.0013	J		<0 0053	U		<0.0053	U		<0 005	U		<0.0027	U		<0.0047	U		<0 0047	U	
		VMP-2-22-032818	3/28/2018	<0.0061	U		0.0012	J		<0 0056	U		<0.0056	U		0.00057	J		<0.0029	U		<0.005	U		<0.005	U	
		VMP-2-22-041018	4/10/2018	<0.0063	U		0.0016	J		<0 0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
VMP-3	5 ft	VMP-3-5-072017	7/20/2017	<0.0068	U		0.0012	J		0.0014	J		<0.0062	U		0.0053	J		<0.0032	U		0.0044	J		0.0011	J	
		VMP-3-5-102617	10/26/2017	<0.0067	U		0.00097	J		<0 0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0 0054	U	
		VMP-3-5-012318	1/23/2018	<0.0058	U		0.0016	J		<0 0054	U		<0.0054	U		0.0013	J		<0.0028	U		<0.0047	U		<0 0047	U	
		VMP-3-5-042718	4/27/2018	<0.0065	U		<0.0068	U		<0 0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0 0052	U	
	10 ft	VMP-3-10-072017	7/20/2017	<0.007	U		0.0013	J		<0 0064	U		<0.0064	U		<0.0061	U		<0.0033	U		0.0015	J		<0 0057	U	
		VMP-3-10-102617	10/26/2017	<0.0067	U		0.0014	J		<0 0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0 0054	U	
		VMP-3-10-012318	1/23/2018	<0.0059	U		0.0012	J		<0 0054	U		<0.0054	U		0.0041	J		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-3-10-042718	4/27/2018	<0.0064	U		<0.0067	U		<0 0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0 0052	U	
	22 ft	VMP-3-22-072017	7/20/2017	<0.0068	U		0.00092	J		<0 0062	U		<0.0062	U		0.0031	J		<0.0032	U		<0.0055	U		<0 0055	U	
		VMP-3-22-102617	10/26/2017	<0.0064	U		0.0013	J		<0 0058	U		<0.0058	U		<0.0055	U		<0.003	U		0.0026	J		<0 0051	U	
		VMP-3-22-012318	1/23/2018	0 0015	J		0.0014	J		<0 0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-3-22-042718	4/27/2018	<0.0069	U		<0.0072	U		<0 0063	U		<0.0063	U		<0 006	U		<0.0033	U		<0.0056	U		<0 0056	U	
	31.5 ft	VMP-3-31.5-072017	7/20/2017	<0.0067	U		0.011			0.0048	J		0.0022	J		0.0026	J		<0.0032	U		0.086			0 021		
		VMP-3-31.5-102617	10/26/2017	<0.0063	U		0.0068			0.011			0.0061			0.0062			<0.003	U		0.012			0.0046	J	
		VMP-3-31.5-102617-DUP	10/26/2017	<0.0064	U		0.0065	J		0.0063			0.0038	J		0.0061			<0.003	U		0.0098			0.0036	J	
		VMP-3-31.5-042718	4/27/2018	<0.0063	U		0.0073			<0 0057	U		<0.0057	U		0 059			<0.003	U		<0.005	U		<0.005	U	
	39 ft	VMP-3-39-042718	4/27/2018	<0.0078	U		0.034			<0 0072	U		<0.0072	U		2			<0.0037	U		<0.0063	U		<0 0063	U	
		VMP-3-39-042718-DUP	4/27/2018	<0.008	U		0.035			<0 0073	U		<0.0073	U		2			<0.0038	U		<0.0064	U		<0 0064	U	
VMP-4	5 ft	VMP-4-5-072517	7/25/2017	<0.0067	U		0.0011	J		<0 0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0 0054	U	
		VMP-4-5-110117	11/1/2017	<0.006	U		0.0013	J		<0 0055	U		<0.0055	U		<0.0052	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-4-5-012318	1/23/2018	<0.0063	U		0.0016	J		<0 0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-4-5-041118	4/11/2018	<0.0066	U		<0.0069	U		<0 0061	U		<0.0061	U		0 016			<0.0032	U		<0.0054	U		<0 0054	U	
	12 ft	VMP-4-12-072517	7/25/2017	<0.0064	U		0.0013	J		0.00096	J		<0.0059	U		0.0045	J		<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-4-12-110117	11/1/2017	<0.0059	U		0.0012	J		<0 0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-4-12-012318	1/23/2018	<0.0062	U		0.0014	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-4-12-041118	4/11/2018	<0.0069	U		0.0014	J		<0 0063	U		<0.0063	U		0 041			<0.0033	U		<0.0056	U		<0 0056	U	
	23.5 ft	VMP-4-23.5-072517	7/25/2017	<0.0065	U		0.0013	J		<0.006	J	U	<0.006	U		0.3			<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-4-23.5-072517-DUP	7/25/2017	<0.0069	U		0.0018	J		<0 0063	U		<0.0063	U		0.3			<0.0033	U		<0.0056	U		<0 0056	U	
		VMP-4-23.5-110117	11/1/2017	<0.0059	U		0.0013	J		<0 0054	U		<0.0054	U		0.0051			<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-4-23.5-012318	1/23/2018	<0.0068	U		0.0016	J		<0 0062	U		<0.0062	U		0 036			<0.0032	U		<0.0055	U		<0 0055	U	
		VMP-4-23.5-041118	4/11/2018	<0.12	U		<0.13	U		<0.11	U		<0.11	U		19			<0.06	U		<0.1	U		<0.1	U	
		VMP-4-23.5-041118-DUP	4/11/2018	<0.14	U		<0.15	U		<0.13	U		<0.13	U		23			<0.066	U		<0.11	U		<0.11	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	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			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	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-5	5 ft	VMP-5-5-072017	7/20/2017	<0.0063	U		0.0022	J		0.00066	J		<0.0057	U		0.00083	J		<0.003	U		0.0013	J		0.00052	J	
		VMP-5-5-103017	10/30/2017	<0.006	U		0.0013	J		<0 0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-5-5-012518	1/25/2018	<0.0058	U		<0.0061	U		<0 0053	U		<0.0053	U		<0 005	U		<0.0028	U		0.0012	J		<0 0047	U	
		VMP-5-5-041618	4/16/2018	<0.0058	U		0.0014	J		<0 0052	U		<0.0053	U		<0 005	U		<0.0027	U		<0.0046	U		<0 0046	U	
	12.5 ft	VMP-5-12.5-072017	7/20/2017	<0.0067	U		0.0042	J		0.00056	J		<0.0062	U		<0.0059	U		<0.0032	U		0.0064			0.0013	J	
		VMP-5-12.5-102017	10/30/2017	<0.0057	U		0.001	J		<0 0052	U		<0.0052	U		<0 005	U		<0.0027	U		<0.0046	U		<0 0046	U	
		VMP-5-12.5-012518	1/25/2018	<0.0061	U		0.0013	J		<0 0056	U		<0.0056	U		0.0016	J		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-5-12.5-041618	4/16/2018	<0.0062	U		0.0016	J		0.0003	J		<0.0056	U		0.0029	J		<0.0029	U		0.00067	J		<0.005	U	
	31 ft	VMP-5-31-072017	7/20/2017	<0.0067	U		0.00099	J		<0 0061	U		<0.0061	U		0.00051	J		<0.0032	U		<0.0054	U		<0 0054	U	
		VMP-5-31-072017-DUP	7/20/2017	<0.0064	U		0.00096	J		<0 0059	U		<0.0059	U		0.00059	J		<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-5-31-103017	10/30/2017	<0.0059	U		0.0012	J		<0 0054	U		<0.0054	U		0 001	J		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-5-31-012518	1/25/2018	<0.0061	U		<0.0064	U		<0 0056	U		<0.0056	U		0.0017	J		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-5-31-041618	4/16/2018	<0.0059	U		0.0018	J		<0 0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0 0048	U	
	40 ft	VMP-5-40-012518	1/25/2018	<0.0056	U		0.0016	J		<0 0052	U		<0.0052	U		0.0085			<0.0027	U		<0.0046	U		<0 0046	U	
		VMP-5-40-041618	4/16/2018	<0.0058	U		0.002	J		<0 0053	U		<0.0053	U		0.0035	J		<0.0028	U		<0.0047	U		<0 0047	U	
		VMP-5-40-041618-DUP	4/16/2018	<0.0059	U		0.0019	J		<0 0054	U		<0.0054	U		0.0016	J		<0.0028	U		<0.0048	U		<0 0048	U	
VMP-6	5 ft	VMP-6-5-072117	7/21/2017	<0.0063	U		0.0013	J		<0 0058	U		<0.0058	U		0.0012	J		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-6-5-103117	10/31/2017	<0.0058	U		0.0012	J		<0 0052	U		<0.0053	U		<0 005	U		<0.0027	U		<0.0046	U		<0 0046	U	
		VMP-6-5-012418	1/24/2018	<0.0059	U		0.0015	J		<0 0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-6-5-042318	4/23/2018	<0.0058	U		0.0015	J		<0 0053	U		<0.0053	U		0.0034	J		<0.0028	U		<0.0047	U		<0 0047	U	
	10 ft	VMP-6-10-072117	7/21/2017	<0.0062	U		0.0015	J		<0 0056	U		<0.0056	U		<0.0054	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-6-10-103117	10/31/2017	<0.0057	U		0.0013	J		<0 0052	U		<0.0052	U		<0 005	U		<0.0027	U		<0.0046	U		<0 0046	U	
		VMP-6-10-012418	1/24/2018	<0.0058	U		0.0013	J		<0 0053	U		<0.0053	U		0.0016	J		<0.0028	U		<0.0047	U		<0 0047	U	
		VMP-6-10-042318	4/23/2018	0 0027	J		0.0019	J		<0 0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0 0052	U	
	31.5 ft	VMP-6-31.5-072117	7/21/2017	<0.0063	U		0.0017	J		<0 0058	U		<0.0058	U		0.0011	J		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-6-31.5-072117-DUP	7/21/2017	<0.0064	U		0.0015	J		<0 0058	U		<0.0058	U		0 004	J		<0.003	U		<0.0052	U		<0 0052	U	
		VMP-6-31.5-103117	10/31/2017	<0.0058	U		0.0016	J		<0 0053	U		<0.0053	U		0.00085	J		<0.0028	U		<0.0047	U		<0 0047	U	
		VMP-6-31.5-013118	1/31/2018	<0.0064	U		0.0072			0.0092			<0.0058	U		0.0044	J		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-6-31.5-042318	4/23/2018	<0.0064	U		0.0023	J		<0 0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0 0052	U	
	39 ft	VMP-6-39-103117	10/31/2017	<0.006	U		0.0023	J		<0 0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-6-39-103117-DUP	10/31/2017	<0.006	U		0.0023	J		<0 0055	U		<0.0055	U		<0.0052	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-6-39-012418	1/24/2018	<0.0058	U		0.0013	J		<0 0053	U		0 00064	J		0 019		J	<0.0028	U		0.004	J		0.0013	J	
		VMP-6-39-012418-DUP	1/24/2018	<0.0063	U		0.0014	J		<0 0057	U		<0.0057	U		0.0069		J	<0.003	U		<0.005	U		<0.005	U	
		VMP-6-39-042318	4/23/2018	<0.0064	U		0.0034	J		<0 0058	U		<0.0058	U		<0.0056	J	U	<0.003	U		<0.0052	U		<0 0052	U	
VMP-7	5 ft	VMP-7-5-072117	7/21/2017	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-7-5-102517	10/25/2017	<0.0062	U		0.001	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-7-5-012518	1/25/2018	<0.0061	U		<0.0063	U		<0 0056	U		<0.0056	U		0.0011	J		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-7-5-042318	4/23/2018	<0.0064	U		<0.0067	U		<0 0058	U		<0.0058	U		<0.0056	J	U	<0.003	U		<0.0052	U		<0 0052	U	
	13.5 ft	VMP-7-13.5-072117	7/21/2017	<0.0065	U		0.0015	J		<0 0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-7-13.5-102517	10/25/2017	<0.0063	U		0.0011	J		<0 0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-7-13.5-012518	1/25/2018	<0.0063	U		0.0015	J		<0 0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-7-13.5-042318	4/23/2018	<0.0062	U		0.0015	J		<0 0056	U		<0.0056	U		0 002	J		<0.0029	U		<0.005	U		<0.005	U	
	29.5 ft	VMP-7-29.5-072117	7/21/2017	<0.0064	U		0.0012	J		<0 0059	U		<0.0059	U		<0.0056	U		<0.003	U		<0.0052	U		<0 0052	U	
		VMP-7-29.5-102517	10/25/2017	<0.0063	U		0.0012	J		<0 0058	U		<0.0058	U		0.0068			<0.003	U		<0.0051	U		<0 0051	U	
		VMP-7-29.5-012518	1/25/2018	<0.0062	U		0.0016	J		<0 0057	U		<0.0057	U		<0.0054	U		<0.003	U		0.0021	J		<0.005	U	
		VMP-7-29.5-042318	4/23/2018	<0.0063	U		0.0018	J		<0 0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
	38 ft	VMP-7-38-102517	10/25/2017	0 0026	J		0.001	J		<0 0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-7-38-012518	1/25/2018	<0.0062	U		0.0013	J		<0 0056	U		<0.0056	U		0.0009	J		<0.0029	U		<0.005	U		<0.005	U	
		VMP-7-38-042318	4/23/2018	<0.006	U		<0.0063	U		<0 0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-7-38-042318-DUP	4/23/2018	<0.0063	U		<0.0065	U		<0 0057	U		<0.0057	U		<0.0054	U		<0.003	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	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			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	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-071917	7/19/2017	<0.0064	U		<0.0067	U		<0 0059	U		<0.0059	U		0.00075	J		<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-8-5-103017	10/30/2017	<0.0062	U		0.0011	J		<0 0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-8-5-012218	1/22/2018	<0.0061	U		<0.0063	U		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-8-5-041818	4/18/2018	<0.0064	U		0.0019	J		0.0006	J		<0.0058	U		0.0084			<0.003	U		0.0014	J		<0 0051	U	
	9.5 ft	VMP-8-9.5-071917	7/19/2017	<0.0065	U		<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-8-9.5-103017	10/30/2017	<0.006	U		<0.0063	U		<0 0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-8-9.5-012218	1/22/2018	<0.0062	U		<0.0065	U		<0 0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-8-9.5-041818	4/18/2018	<0.0064	U		0.0016	J		<0 0058	U		<0.0058	U		0.0018	J		<0.003	U		<0.0051	U		<0 0051	U	
	23.5 ft	VMP-8-23.5-071917	7/19/2017	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		0.00085	J		<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-8-23.5-103017	10/30/2017	<0.006	U		0.0013	J		<0 0055	U		<0.0055	U		<0.0052	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-8-23.5-012218	1/22/2018	<0.0063	U		0.00094	J		<0 0058	U		<0.0058	U		0.0013	J		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-8-23.5-012218-DUP	1/22/2018	<0.0064	U		<0.0067	U		<0 0058	U		<0.0058	U		0.0012	J		<0.003	U		<0.0052	U		<0 0052	U	
		VMP-8-23.5-041818	4/18/2018	<0.0066	U		0.0018	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0 0053	U	
	35.5 ft	VMP-8-35.5-071917	7/19/2017	<0.012	U		<0.012	U		<0.011	U		<0.011	U		0.0017	J		<0.0056	U		<0.0095	U		<0 0095	U	
		VMP-8-35.5-071917-DUP	7/19/2017	<0.013	U		<0.014	U		<0.012	U		<0.012	U		<0 011	U		<0.0062	U		<0.01	U		<0.01	U	
		VMP-8-35.5-103017	10/30/2017	<0.0061	U		0.0013	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-8-35.5-042018	4/20/2018	<0.0062	U		0.0015	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
VMP-9	5 ft	VMP-9-5-071917	7/19/2017	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		0.0025	J		<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-9-5-110117	11/1/2017	<0.0059	U		0.00099	J		<0 0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-9-5-012218	1/22/2018	<0.0068	U		0.001	J		<0 0062	U		<0.0062	U		0.0014	J		<0.0032	U		<0.0055	U		<0 0055	U	
		VMP-9-5-042618	4/26/2018	<0.0065	U		<0.0068	U		<0 0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0 0052	U	
	11.5 ft	VMP-9-11.5-071917	7/19/2017	<0.0063	U		<0.0066	U		<0 0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-9-11.5-110117	11/1/2017	<0.0063	U		<0.0066	U		<0 0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-9-11.5-012218	1/22/2018	<0.0064	U		0.001	J		<0 0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-9-11.5-042618	4/26/2018	<0.0065	U		0.0016	J		<0 0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0 0052	U	
	25.5 ft	VMP-9-25.5-071917	7/19/2017	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		0.0039	J		<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-9-25.5-110117	11/1/2017	<0.006	U		0.0013	J		<0 0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-9-25.5-012218	1/22/2018	<0.0065	U		<0.0068	U		<0 0059	U		<0.0059	U		0.0066			<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-9-25.5-042618	4/26/2018	<0.0065	U		<0.0068	U		0.00066	J		<0.0059	U		<0.0056	U		<0.0031	U		0.0035	J		0.0011	J	
	38.5 ft	VMP-9-38.5-110117	11/1/2017	<0.006	U		0.00096	J		<0 0055	U		<0.0055	U		<0.0052	U		<0.0028	U		0.0029	J		<0 0048	U	
		VMP-9-38.5-012218	1/22/2018	<0.0065	U		0.001	J		<0 0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-9-38.5-042618	4/26/2018	<0.0065	U		0.0015	J		<0 0059	U		<0.0059	U		0.0047	J		<0.0031	U		<0.0052	U		<0 0052	U	
VMP-18	8.5 ft	VMP-18-8.5-072717	7/27/2017	<0.0065	U		0.0016	J		<0 0059	U		<0.0059	U		0.0055	J		<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-18-8.5-110317	11/3/2017	<0.0062	U		0.0011	J		<0 0056	U		<0.0056	U		0 025			<0.0029	U		<0.005	U		<0.005	U	
		VMP-18-8.5-110317-DUP	11/3/2017	<0.0056	U		0.0012	J		<0 0051	U		<0.0051	U		0 021			<0.0027	U		<0.0045	U		<0 0045	U	
		VMP-18-8.5-012418	1/24/2018	<0.0062	U		0.0013	J		<0 0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-18-8.5-033018	3/30/2018	<0.0065	U		0.0012	J		0.01			<0.0059	U		0 011			<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-18-8.5-041018	4/10/2018	<0.006	U		0.0016	J		<0 0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0 0049	U	
VMP-19	5 ft	VMP-19-5-072717	7/27/2017	<0.0065	U		<0.0068	U		<0.006	U		<0.006	U		0 011			<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-19-5-102517	10/25/2017	<0.0061	U		0.0011	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-19-5-012518	1/25/2018	<0.0061	U		<0.0064	U		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-19-5-042618	4/26/2018	<0.0068	U		<0.0071	U		<0 0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0 0055	U	
VMP-20	5 ft	VMP-20-5-072417	7/24/2017	<0.0065	U		0.0014	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-20-5-103117	10/31/2017	<0.006	U		<0.0063	U		<0 0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-20-5-012218	1/22/2018	<0.0063	U		0.0044	J		<0 0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-20-5-041218	4/12/2018	<0.0063	U		0.0018	J		<0 0058	U		<0.0058	U		0.0014	J		<0.003	U		<0.0051	U		<0 0051	U	
	10 ft	VMP-20-10-072417	7/24/2017	<0.0062	U		0.0015	J		<0 0057	U		<0.0057	U		0.0041	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-20-10-103117	10/31/2017	<0.0059	U		0.0013	J		<0 0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-20-10-012218	1/22/2018	<0.0064	U		0.0043	J		<0 0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-20-10-041218	4/12/2018	<0.0063	U		0.0025	J		<0 0058	U		<0.0058	U		0.0018	J		<0.003	U		<0.0051	U		<0 0051	U	
	25 ft	VMP-20-25-072417	7/24/2017	<0.0066	U		0.0061	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-20-25-103117	10/31/2017	<0.006	U		0.0052	J		<0 0055	U		<0.0055	U		0.0012	J		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-20-25-012218	1/22/2018	<0.0062	U		0.026			<0 0056	U		<0.0056	U		0.0055			<0.0029	U		<0.005	U		<0.005	U	
		VMP-20-25-041218	4/12/2018	<0.0064	U		0 01			<0 0058	U		<0.0058	U		0.0032	J		<0.003	U		<0.0051	U		<0 0051	U	
	39.5 ft	VMP-20-39.5-041218	4/12/2018	<0.0062	U		0.013			<0 0057	U		<0.0057	U		<0.0054	U		<0.003	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	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			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	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-21	5 ft	VMP-21-5-072017	7/20/2017	<0.0062	U		0.0011	J		<0 0056	U		<0.0056	U		0.0081			<0.0029	U		<0.005	U		<0.005	U	
		VMP-21-5-103117	10/31/2017	<0.006	U		0.001	J		<0 0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-21-5-012318	1/23/2018	<0.0058	U		0.0014	J		<0 0053	U		<0.0053	U		<0 005	U		<0.0028	U		<0.0047	U		<0 0047	U	
		VMP-21-5-041318	4/13/2018	<0.0063	U		0.0015	J		<0 0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0 0051	U	
	10 ft	VMP-21-10-072017	7/20/2017	<0.0065	U		0.00081	J		0.0027	J		<0.006	U		0 015			<0.0031	U		0.00053	J		<0 0053	U	
		VMP-21-10-103117	10/31/2017	<0.0059	U		0.0011	J		<0 0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-21-10-012318	1/23/2018	<0.0059	U		0.0013	J		<0 0054	U		<0.0054	U		0.0026	J		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-21-10-041318	4/13/2018	<0.0065	U		<0.0068	U		<0 0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0 0052	U	
	25 ft	VMP-21-25-072017	7/20/2017	<0.0064	U		0.0011	J		<0 0059	U		<0.0059	U		0.00075	J		<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-21-25-103117	10/31/2017	<0.0062	U		0.0012	J		<0 0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-21-25-012318	1/23/2018	<0.006	U		0.0014	J		<0 0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-21-25-041318	4/13/2018	<0.0065	U		0.0015	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0 0053	U	
	33 ft	VMP-21-33-072017	7/20/2017	<0.0061	U		0.001	J		0.00023	J		<0.0056	U		0.0024	J		<0.0029	U		0.0018	J		<0 0049	U	
		VMP-21-33-072017-DUP	7/20/2017	<0.0066	U		0.00071	J		<0.006	U		<0.006	U		0.0025	J		<0.0031	U		0.0016	J		<0 0053	U	
		VMP-21-33-103117	10/31/2017	<0.006	U		0.0013	J		<0 0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-21-33-012318	1/23/2018	<0.0058	U		0.0016	J		<0 0053	U		<0.0053	U		0 004	J		<0.0028	U		<0.0047	U		<0 0047	U	
		VMP-21-33-012318-DUP	1/23/2018	<0.0059	U		0.0013	J		<0 0054	U		<0.0054	U		0.0036	J		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-21-33-041318	4/13/2018	<0.0069	U		<0.0072	U		<0 0063	U		<0.0063	U		<0 006	U		<0.0033	U		<0.0056	U		<0 0056	U	
VMP-22	5 ft	VMP-22-5-072617	7/26/2017	<0.0066	U		0.0015	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-22-5-102617	10/26/2017	<0.0059	U		<0.0062	U		<0 0054	U		<0.0054	U		<0.0052	J	U	<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-22-5-013018	1/30/2018	<0.006	U		0.0019	J		0.073			0.0021	J		0.02			<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-22-5-041318	4/13/2018	<0.0064	U		0.0014	J		<0 0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0 0052	U	
	10 ft	VMP-22-10-072617	7/26/2017	<0.0066	U		0.0012	J		<0.006	U		<0.006	U		0.00086	J		<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-22-10-102617	10/26/2017	<0.0064	U		<0.0067	U		<0 0059	U		<0.0059	U		0.0016	J		<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-22-10-013018	1/30/2018	<0.0058	U		0.0014	J		0.0036	J		<0.0053	J	U	0.0027	J		<0.0027	U		<0.0046	U		<0 0046	U	
		VMP-22-10-050118	5/1/2018	<0.0068	U		<0.0071	U		0.0084			<0.0062	U		0 017			<0.0032	U		<0.0055	U		<0 0055	U	
	18 ft	VMP-22-18-072617	7/26/2017	<0.0073	U		0.002	J		<0 0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0 0059	U	
		VMP-22-18-102617	10/26/2017	<0.0062	U		0.0014	J		<0 0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-22-18-013018	1/30/2018	<0.0057	U		<0.0059	U		<0 0052	U		<0.0052	U		0.0041	J		<0.0027	U		<0.0046	U		<0 0046	U	
		VMP-22-18-041318	4/13/2018	<0.007	U		0.0015	J		<0 0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0 0057	U	
		VMP-22-18-041318-DUP	4/13/2018	<0.0065	U		<0.0068	U		<0 0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0 0052	U	
	38 ft	VMP-22-38-072617	7/26/2017	<0.0064	U		0.0012	J		<0 0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0 0052	U	
		VMP-22-38-072617-DUP	7/26/2017	<0.0064	U		0.0012	J		<0 0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-22-38-102617	10/26/2017	<0.0063	U		<0.0066	U		<0 0058	U		<0.0058	U		<0.0055	J	U	<0.003	U		<0.0051	U		<0 0051	U	
		VMP-22-38-013018	1/30/2018	<0.0061	U		<0.0063	U		<0 0056	U		<0.0056	U		0.0012	J		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-22-38-050118	5/1/2018	<0.0068	U		0.0013	J		0.0025	J		<0.0062	U		0 053			<0.0032	U		0.00098	J		<0 0055	U	
VMP-23	5 ft	VMP-23-5-072017	7/20/2017	<0.0064	U		0.00079	J		<0 0059	U		<0.0059	U		0.00074	J		<0.0031	U		0.00065	J		<0 0052	U	
		VMP-23-5-102517	10/25/2017	<0.0064	U		0.001	J		<0 0059	U		<0.0059	U		0.00096	J		<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-23-5-012318	1/23/2018	<0.0069	U		0.0016	J		<0 0063	U		<0.0063	U		0.0021	J		<0.0033	U		<0.0056	U		<0 0056	U	
		VMP-23-5-041618	4/16/2018	<0.0061	U		0.0017	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
	10 ft	VMP-23-10-072017	7/20/2017	<0.0064	U		0.001	J		<0 0058	U		<0.0058	U		<0.0055	U		<0.003	U		0.00064	J		<0 0051	U	
		VMP-23-10-102517	10/25/2017	<0.0063	U		0.001	J		<0 0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-23-10-012318	1/23/2018	<0.006	U		<0.0063	U		<0 0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-23-10-041618	4/16/2018	<0.0062	U		0.0013	J		<0 0057	U		<0.0057	U		0.00052	J		<0.003	U		<0.005	U		<0.005	U	
	25 ft	VMP-23-25-072017	7/20/2017	<0.0062	U		0.0012	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-23-25-102517	10/25/2017	<0.0064	U		0.0011	J		<0 0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-23-25-012318	1/23/2018	<0.0059	U		0.0015	J		<0 0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-23-25-041618	4/16/2018	<0.0061	U		0.0012	J		<0 0056	U		<0.0056	U		0.00053	J		<0.0029	U		<0.0049	U		<0 0049	U	
	40 ft	VMP-23-40-012318	1/23/2018	<0.0063	U		0.0016	J		<0 0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-23-40-041618	4/16/2018	<0.0059	U		0.0016	J		<0 0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<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	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			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	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-072117	7/21/2017	<0.0067	U		0.0013	J		0.0012	J		<0.0061	U		0.0047	J		<0.0032	U		<0.0054	U		<0 0054	U	
		VMP-24-5-102517	10/25/2017	<0.0064	U		<0.0066	U		<0 0058	U		<0.0058	U		0.0026	J		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-24-5-012418	1/24/2018	<0.0061	U		0.0014	J		<0 0056	U		<0.0056	U		0.0019	J		<0.0029	U		0.0034	J		0 001	J	
		VMP-24-5-042518	4/25/2018	<0.0066	U		<0.0069	U		<0 0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0 0054	U	
	10 ft	VMP-24-10-072117	7/21/2017	<0.0066	U		0.0011	J		<0.006	U		<0.006	U		0.0014	J		<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-24-10-102517	10/25/2017	<0.0059	U		0.0011	J		<0 0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-24-10-012418	1/24/2018	<0.0059	U		0.0015	J		<0 0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-24-10-042518	4/25/2018	<0.0064	U		<0.0067	U		<0 0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0 0052	U	
	22 ft	VMP-24-22-072117	7/21/2017	<0.0064	U		0.0013	J		<0 0059	U		<0.0059	U		0.00097	J		<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-24-22-102517	10/25/2017	<0.006	U		0.00098	J		<0 0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-24-22-013118	1/31/2018	<0.0061	U		0.0017	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		0.0044	J		0 001	J	
		VMP-24-22-042518	4/25/2018	<0.0062	U		0.0015	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
	34 ft	VMP-24-34-072117	7/21/2017	<0.0064	U		0.0016	J		<0 0059	U		<0.0059	U		0 002	J		<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-24-34-072117-DUP	7/21/2017	<0.0065	U		<0.0068	U		<0.006	U		<0.006	U		0.0023	J		<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-24-34-102517	10/25/2017	<0.0062	U		0.0014	J		<0 0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-24-34-012418	1/24/2018	<0.0057	U		0.0014	J		<0 0052	U		<0.0052	U		<0 005	U		<0.0027	U		<0.0046	U		<0 0046	U	
		VMP-24-34-042518	4/25/2018	<0.0066	U		<0.0069	U		<0 0061	U		<0.0061	U		0 011			<0.0032	U		0.0012	J		<0 0054	U	
		VMP-24-34-042518-DUP	4/25/2018	<0.0064	U		0.0015	J		<0 0058	U		<0.0058	U		0.0071			<0.003	U		<0.0052	U		<0 0052	U	
VMP-32	5 ft	VMP-32-5-072417	7/24/2017	<0.0064	U		0.0018	J		0.0026	J		0.0014	J		0.0036	J		<0.003	U		0.035			0 011		
		VMP-32-5-103117	10/31/2017	<0.006	U		0.00093	J		<0 0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-32-5-012918	1/29/2018	<0.0058	U		0.0013	J		<0 0053	U		<0.0053	U		<0 005	U		<0.0028	U		<0.0047	U		<0 0047	U	
		VMP-32-5-032818	3/28/2018	<0.0064	U		0.00099	J		<0 0058	U		<0.0058	U		0 007			<0.003	U		<0.0052	U		<0 0052	U	
		VMP-32-5-041018	4/10/2018	<0.0059	U		0.0013	J		<0 0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0 0048	U	
	10 ft	VMP-32-10-072417	7/24/2017	<0.0066	U		0.002	J		0.0014	J		<0.006	U		0.0019	J		<0.0031	U		0.021			0 006		
		VMP-32-10-103117	10/31/2017	<0.0064	U		0.0011	J		<0 0058	U		<0.0058	U		0.00081	J		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-32-10-012918	1/29/2018	<0.0058	U		0.0012	J		<0 0053	U		<0.0053	U		<0.0051	U		<0.0028	U		<0.0047	U		<0 0047	U	
		VMP-32-10-032818	3/28/2018	<0.0067	U		0.0014	J		<0 0061	U		<0.0061	U		0.0015	J		<0.0032	U		<0.0054	U		<0 0054	U	
		VMP-32-10-041018	4/10/2018	<0.0062	U		0.0012	J		0.0034	J		<0.0057	U		0.0013	J		<0.003	U		<0.005	U		<0.005	U	
	20 ft	VMP-32-20-072417	7/24/2017	<0.0067	U		0.0015	J		0.0012	J		<0.0061	U		0.0014	J		<0.0032	U		0.0017	J		<0 0054	U	
		VMP-32-20-103117	10/31/2017	<0.0062	U		0.001	J		<0 0056	U		<0.0056	U		<0.0054	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-32-20-012918	1/29/2018	<0.0054	U		0.0016	J		<0.005	U		<0.005	U		0 002	J		<0.0026	U		<0.0044	U		<0 0044	U	
		VMP-32-20-032818	3/28/2018	<0.0061	U		0.00096	J		0.00091	J		<0.0056	U		0.0012	J		<0.0029	U		<0.005	U		<0.005	U	
		VMP-32-20-041018	4/10/2018	<0.0061	U		0.00089	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0 0049	U	
	30 ft	VMP-32-30-072417	7/24/2017	<0.0066	U		0.0014	J		<0 0061	U		<0.0061	U		0.0009	J		<0.0032	U		0.0045	J		<0 0054	U	
		VMP-32-30-072417-DUP	7/24/2017	<0.0065	U		0.0011	J		<0.006	U		<0.006	U		0.00085	J		<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-32-30-103117	10/31/2017	<0.012	U		<0.013	U		<0.011	U		<0.011	U		<0.01	U		<0.0057	U		<0.0097	U		<0 0097	U	
		VMP-32-30-012918	1/29/2018	<0.006	U		0.0014	J		<0 0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-32-30-032818	3/28/2018	<0.0062	U		0.00094	J		<0 0057	U		<0.0057	U		0.0013	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-32-30-041018	4/10/2018	<0.0059	U		0.0013	J		<0 0054	U		<0.0054	U		0 015			<0.0028	U		0.0015	J		<0 0048	U	
		VMP-32-30-041018-DUP	4/10/2018	<0.0056	U		0.0014	J		<0 0052	U		<0.0052	U		0 017			<0.0027	U		0.0012	J		<0 0046	U	
VMP-42	10 ft	VMP-42-10-072017	7/20/2017	<0.0064	U		<0.0067	U		<0 0059	U		<0.0059	U		0.0026	J		<0.003	U		<0.0052	U		<0 0052	U	
		VMP-42-10-110117	11/1/2017	<0.0055	U		<0.0058	U		<0.005	U		<0.005	U		<0.0048	U		<0.0026	U		<0.0044	U		<0 0044	U	
		VMP-42-10-012318	1/23/2018	<0.006	U		<0.0062	U		<0 0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-42-10-041918	4/19/2018	<0.006	U		<0.0062	U		<0 0054	U		<0.0054	U		0.0019	J		<0.0028	U		<0.0048	U		<0 0048	U	
	20 ft	VMP-42-20-072017	7/20/2017	<0.0062	U		0.00098	J		0.00032	J		<0.0056	U		0.0011	J		<0.0029	U		0.0093			0.0023	J	
		VMP-42-20-110117	11/1/2017	<0.0059	U		0.0009	J		<0 0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-42-20-012318	1/23/2018	<0.0062	U		0.0013	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-42-20-041918	4/19/2018	<0.0058	U		0.0015	J		<0 0053	U		<0.0053	U		0.0044	J		<0.0028	U		<0.0047	U		<0 0047	U	
	30 ft	VMP-42-30-072017	7/20/2017	<0.0066	U		0.0011	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-42-30-110117	11/1/2017	<0.006	U		<0.0063	U		<0 0055	U		<0.0055	U		0.0015	J		<0.0028	U		0.00092	J		<0 0048	U	
		VMP-42-30-110117-DUP	11/1/2017	0 0005	J		0.00096	J		<0 0052	U		<0.0053	U		0.00088	J		<0.0027	U		0.0022	J		0.00087	J	
		VMP-42-30-012318	1/23/2018	<0.0054	U		0.0013	J		<0 0049	U		<0.0049	U		<0.0047	U		<0.0026	U		<0.0044	U		<0 0044	U	
		VMP-42-30-041918	4/19/2018	<0.0061	U		0.0015	J		<0 0056	U		<0.0056	U		0.0019	J		<0.0029	U		<0.0049	U		<0 0049	U	
VMP-43	10 ft	VMP-43-10-072417	7/24/2017	<0.0068	U		0.0014	J		0.0025	J		<0.0062	U		0.0087			<0.0032	U		0.016			0.0064		
		VMP-43-10-102717	10/27/2017	<0.0061	U		0.0014	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		0.0034	J		<0 0049	U	
		VMP-43-10-012618	1/26/2018	<0.0057	U		0.0012	J		<0 0052	U		<0.0052	U		<0 005	U		<0.0027	U		<0.0046	U		<0 0046	U	
		VMP-43-10-041218	4/12/2018	<0.0065	U		0.0013	J		<0 0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0 0052	U	
	20 ft	VMP-43-20-072417	7/24/2017	<0.0069	U		0.0016	J		0.0013	J		<0.0063	U		<0 006	U		<0.0033	U		0.011			0.0029	J	
		VMP-43-20-102717	10/27/2017	<0.0063	U		0.0016	J		0.0011	J		<0.0058	U		0.00096	J		<0.003	U		0.0034	J		<0 0051	U	
		VMP-43-20-012618	1/26/2018	<0.0064	U		0.0015	J		<0 0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0 0052	U	
		VMP-43-20-041218	4/12/2018	<0.006	U		0.0015	J		<0 0055	U		<0.0055	U		0.0057			<0.0029	U		<0.0049	U		<0 0049	U	
	30 ft	VMP-43-30-072417	7/24/2017	<0.0063	U		0.0012	J		<0 0058	U		<0.0058	U		0.0036	J		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-43-30-102717	10/27/2017	<0.0061	U		0.0013	J		<0 0056	U		<0.0056	U		0.0012	J		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-43-30-012618	1/26/2018	<0.0063	U		<0.0065	U		<0 0057	U		<0.0057	U		0.0011	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-43-30-041218	4/12/2018	<0.0064	U		<0.0066	U		<0 0058	U		<0.0058	U		0.0063			<0.003	U		<0.0051	U		<0 0051	U	
		VMP-43-30-041218-DUP	4/12/2018	<0.0064	U		0.0012	J		<0 0059	U		<0.0059	U		0.0058			<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	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			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	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-072517	7/25/2017	<0.0068	U		0.0017	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-44-10-102517	10/25/2017	0.0012	J		<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		0.0019	J		<0.0053	U	
		VMP-44-10-012518	1/25/2018	<0.0062	U		0.0013	J		<0.0057	U		<0.0057	U		0.0017	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-44-10-042318	4/23/2018	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	20 ft	VMP-44-20-072517	7/25/2017	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-44-20-102517	10/25/2017	<0.0064	U		0.0014	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.003	U		0.001	J		<0.0052	U	
		VMP-44-20-012518	1/25/2018	<0.0061	U		0.0013	J		<0.0056	U		<0.0056	U		0.0026	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-44-20-042718	4/27/2018	<0.0065	U		0.0015	J		0.00069	J		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	30 ft	VMP-44-30-072517	7/25/2017	<0.0068	U		0.0016	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-44-30-102517	10/25/2017	<0.0064	U		0.00097	J		0.0021	J		<0.0058	U		0.0039	J		<0.003	U		0.0021	J		0.0015	J	
		VMP-44-30-102517-DUP	10/25/2017	<0.0063	U		0.0011	J		<0.0057	U		<0.0057	U		0.011			<0.003	U		<0.005	U		<0.005	U	
		VMP-44-30-012518	1/25/2018	<0.0062	U		<0.0064	U		<0.0056	U		<0.0056	U		0.005			<0.0029	U		<0.005	U		<0.005	U	
		VMP-44-30-012518-DUP	1/25/2018	<0.0061	U		<0.0064	U		<0.0056	U		<0.0056	U		0.0048	J		<0.0029	U		<0.005	U		<0.005	U	
		VMP-44-30-052118	5/21/2018	0.0016	J		<0.0068	U		<0.006	U		<0.006	U		0.0014	J		<0.0031	U		0.0017	J		<0.0053	U	
VMP-45	10 ft	VMP-45-10-072517	7/25/2017	<0.0068	U		0.0015	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-45-10-103117	10/31/2017	<0.0059	U		0.0012	J		<0.0054	U		<0.0054	U		0.003	J		<0.0028	U		0.00069	J		<0.0048	U	
		VMP-45-10-012418	1/24/2018	<0.0058	U		0.0015	J		<0.0053	U		<0.0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-45-10-041818	4/18/2018	<0.0062	U		0.0014	J		<0.0057	U		<0.0057	U		0.0029	J		<0.003	U		0.00063	J		<0.005	U	
	20 ft	VMP-45-20-072517	7/25/2017	<0.0067	U		0.0017	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-45-20-103117	10/31/2017	<0.0058	U		0.0011	J		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-45-20-012418	1/24/2018	<0.0059	U		0.0014	J		<0.0054	U		<0.0054	U		0.0016	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-45-20-041818	4/18/2018	<0.0063	U		0.0015	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
	30 ft	VMP-45-30-072517	7/25/2017	<0.0068	U		0.0022	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-45-30-103117	10/31/2017	<0.006	U		0.0017	J		<0.0055	U		<0.0055	U		0.0013	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-45-30-012418	1/24/2018	<0.0062	U		0.0038	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-45-30-041818	4/18/2018	<0.0064	U		0.0033	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
VMP-47	5 ft	VMP-47-5-072417	7/24/2017	<0.0065	U		0.0011	J		0.00096	J		<0.0059	U		0.0024	J		<0.0031	U		0.0044	J		<0.0052	U	
		VMP-47-5-102617	10/26/2017	<0.0064	U		0.0014	J		0.0026	J		<0.0059	U		<0.0056	U		<0.003	U		0.0043	J		0.0023	J	
		VMP-47-5-012618	1/26/2018	<0.0061	U		0.0014	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-47-5-042718	4/27/2018	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
	10 ft	VMP-47-10-072417	7/24/2017	<0.0064	U		0.0021	J		<0.0058	U		<0.0058	U		0.0014	J		<0.003	U		0.0026	J		<0.0051	U	
		VMP-47-10-102617	10/26/2017	<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		0.0011	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-47-10-012618	1/26/2018	<0.006	U		0.0012	J		<0.0055	U		<0.0055	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-47-10-042718	4/27/2018	<0.0065	U		0.002	J		<0.0059	U		<0.0059	U		0.002	J		<0.0031	U		<0.0052	U		<0.0052	U	
	20 ft	VMP-47-20-072417	7/24/2017	<0.0064	U		0.0012	J		<0.0059	U		<0.0059	U		0.0014	J		<0.0031	U		0.0024	J		<0.0052	U	
		VMP-47-20-102617	10/26/2017	<0.0063	U		0.00098	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		0.0012	J		<0.0051	U	
		VMP-47-20-012618	1/26/2018	<0.0064	U		0.0015	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-47-20-012618-DUP	1/26/2018	<0.0062	U		0.0015	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-47-20-042718	4/27/2018	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	30 ft	VMP-47-30-072417	7/24/2017	<0.0067	U		0.0015	J		0.0083			0.0026	J		<0.0058	U		<0.0032	U		0.068			0.022		
		VMP-47-30-102617	10/26/2017	0.0011	J		0.0011	J		0.0011	J		<0.0061	U		<0.0058	U		<0.0032	U		0.011			0.0035	J	
		VMP-47-30-012618	1/26/2018	<0.0063	U		0.0013	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-47-30-042718	4/27/2018	<0.0065	U		<0.0068	U		0.001	J		<0.0059	U		0.004	J		<0.0031	U		0.0027	J		0.0013	J	
		VMP-47-30-042718-DUP	4/27/2018	<0.0064	U		<0.0067	U		0.00087	J		<0.0058	U		0.0031	J		<0.003	U		0.0026	J		0.0015	J	
VMP-48	5 ft	VMP-48-5-072117	7/21/2017	<0.0065	U		0.002	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-48-5-103117	10/31/2017	<0.0058	U		0.001	J		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-48-5-012618	1/26/2018	<0.0064	U		0.0012	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-48-5-042718	4/27/2018	<0.017	U		<0.018	U		<0.016	U		<0.016	U		0.0023	J		<0.0082	U		<0.014	U		<0.014	U	
	10 ft	VMP-48-10-072117	7/21/2017	<0.0063	U		0.002	J		<0.0057	U		<0.0057	U		0.00081	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-48-10-103117	10/31/2017	<0.0059	U		0.0013	J		<0.0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-48-10-012618	1/26/2018	<0.0059	U		0.0013	J		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-48-10-042718	4/27/2018	<0.0066	U		0.0019	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
	20 ft	VMP-48-20-072117	7/21/2017	<0.0063	U		0.0011	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-48-20-103117	10/31/2017	<0.0057	U		0.0012	J		<0.0052	U		<0.0052	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-48-20-012618	1/26/2018	<0.0058	U		0.0013	J		0.0014	J		0.0009	J		<0.0051	U		<0.0028	U		0.0066			0.0031	J	
		VMP-48-20-042718	4/27/2018	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
	30 ft	VMP-48-30-072117	7/21/2017	<0.0062	U		0.044			<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-48-30-103117	10/31/2017	<0.0061	U		0.033			<0.0056	U		<0.0056	U		0.0012	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-48-30-103117-DUP	10/31/2017	<0.006	U		0.033			<0.0054	U		<0.0054	U		0.00098	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-48-30-012618	1/26/2018	<0.006	U		0.03			<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-48-30-042718	4/27/2018	<0.0065	U		0.033			<0.0059	U		<0.0059	U		0.00062	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-48-30-042718-DUP	4/27/2018	<0.0069	U		0.032			<0.0063	U		<0.0063	U		<0.006	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	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			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	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-49	5 ft	VMP-49-5-072617	7/26/2017	<0.0065	U		0.0014	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-49-5-102717	10/27/2017	<0.0061	U		0.0012	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-49-5-012618	1/26/2018	0 0067			0.00096	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-49-5-041918	4/19/2018	<0.0065	U		<0.0068	U		<0 0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0 0052	U	
	10 ft	VMP-49-10-072617	7/26/2017	<0.0068	U		0.0018	J		<0 0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0 0055	U	
		VMP-49-10-102717	10/27/2017	<0.0062	U		0.0013	J		<0 0056	U		<0.0056	U		<0.0054	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-49-10-012618	1/26/2018	<0.0062	U		0.0013	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-49-10-041918	4/19/2018	<0.0063	U		0.0016	J		<0 0058	U		<0.0058	U		0.00074	J		<0.003	U		<0.0051	U		<0 0051	U	
	20 ft	VMP-49-20-072617	7/26/2017	<0.0065	U		0.0015	J		<0.006	U		<0.006	U		0.0074			<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-49-20-102717	10/27/2017	<0.0058	U		0.0017	J		<0 0053	U		<0.0053	U		0.00076	J		<0.0028	U		<0.0047	U		<0 0047	U	
		VMP-49-20-012618	1/26/2018	<0.0063	U		0.001	J		<0 0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-49-20-041918	4/19/2018	<0.0059	U		<0.0062	U		<0 0054	U		<0.0054	U		0.00091	J		<0.0028	U		<0.0048	U		<0 0048	U	
	30 ft	VMP-49-30-072617	7/26/2017	<0.0067	U		0.023			<0 0061	U		<0.0061	U		0.00088	J		<0.0032	U		<0.0054	U		<0 0054	U	
		VMP-49-30-072617-DUP	7/26/2017	<0.0067	U		0.022			<0 0061	U		<0.0061	U		0 001	J		<0.0032	U		<0.0054	U		<0 0054	U	
		VMP-49-30-102717	10/27/2017	<0.0062	U		0.024			<0 0056	U		<0.0056	U		0.0014	J		<0.0029	U		<0.005	U		<0.005	U	
		VMP-49-30-012618	1/26/2018	<0.0064	U		0.061			<0 0058	U		<0.0058	U		0.13			<0.003	U		<0.0052	U		<0 0052	U	
		VMP-49-30-042718	4/27/2018	<0.0068	U		0.042			<0 0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0 0055	U	
VMP-50	5 ft	VMP-50-5-072617	7/26/2017	<0.0068	U		0.0023	J		<0 0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0 0055	U	
		VMP-50-5-110117	11/1/2017	<0.006	U		<0.0062	U		<0 0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-50-5-013118	1/31/2018	<0.0064	U		0.0014	J		<0 0059	U		<0.0059	U		0.0016	J		<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-50-5-032918	3/29/2018	<0.0063	U		0.0012	J		<0 0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-50-5-041018	4/10/2018	<0.14	U		<0.15	U		<0.13	U		<0.13	U		<0.13	U		<0.069	U		<0.12	U		<0.12	U	
	10 ft	VMP-50-10-072617	7/26/2017	<0.0068	U		0.002	J		<0 0062	U		<0.0062	U		0.00061	J		<0.0032	U		<0.0055	U		<0 0055	U	
		VMP-50-10-110117	11/1/2017	<0.0059	U		0.0013	J		<0 0054	U		<0.0054	U		0.00082	J		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-50-10-013118	1/31/2018	<0.0061	U		<0.0064	U		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-50-10-032918	3/29/2018	<0.006	U		<0.0063	U		<0 0055	U		<0.0055	U		0.0019	J		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-50-10-041018	4/10/2018	<0.02	U		<0.021	U		<0.018	U		<0.018	U		0.0023	J		<0.0096	U		<0.016	U		<0.016	U	
	20 ft	VMP-50-20-072617	7/26/2017	<0.0066	U		0.0014	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-50-20-110117	11/1/2017	<0.0057	U		0.0011	J		<0 0052	U		<0.0052	U		<0 005	U		<0.0027	U		<0.0046	U		<0 0046	U	
		VMP-50-20-013118	1/31/2018	<0.025	U		<0.026	U		<0.023	U		<0.023	U		9			<0.012	U		<0.02	U		<0.02	U	
		VMP-50-20-013118-DUP	1/31/2018	<0.025	U		<0.026	U		<0.023	U		<0.023	U		10			<0.012	U		<0.02	U		<0.02	U	
		VMP-50-20-032918	3/29/2018	<0.006	U		<0.0063	U		<0 0055	U		<0.0055	U		0.0039	J		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-50-20-041018	4/10/2018	<0.61	U		<0.64	U		<0.56	U		<0 56	U		110			<0.29	U		<0.49	U		<0.49	U	
		VMP-50-20-041018-DUP	4/10/2018	<0.62	U		<0.64	U		<0.56	U		<0 56	U		100			<0.29	U		<0.5	U		<0.5	U	
	30 ft	VMP-50-30-072617	7/26/2017	<0.088	U		<0.092	U		0.13			2 2			6			<0.042	U		1.7			1.8		
		VMP-50-30-110117	11/1/2017	<0.06	U		<0.062	U		0.25			1 6			4.1			<0.028	U		3			2.7		
		VMP-50-30-110117-DUP	11/1/2017	<0.058	U		<0.061	U		0.27			1 8			4.3			<0.028	U		3.4			2.9		
		VMP-50-30-013118	1/31/2018	<0.061	U		<0.063	U		<0.056	U		0.68			11			<0.029	U		0.2			0.11		
		VMP-50-30-032918	3/29/2018	<0.083	U		<0.087	U		<0.076	U		0.45			5.7			<0.04	U		0.19			0 083		
		VMP-50-30-032918-DUP	3/29/2018	<0.078	U		<0.082	U		<0.072	U		0.45			5.8			<0.037	U		0.19			0 081		
		VMP-50-30-041018	4/10/2018	<1 2	U		<1.3	U		<1.1	U		1 2			24			<0.59	U		0.19	J		0 042	J	
VMP-51	5 ft	VMP-51-5-072017	7/20/2017	<0.0068	U		0.0015	J		0.00028	J		<0.0062	U		0.0023	J		<0.0032	U		<0.0055	U		<0 0055	U	
		VMP-51-5-103017	10/30/2017	<0.006	U		0.0012	J		<0 0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-51-5-012318	1/23/2018	<0.006	U		0.0014	J		<0 0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-51-5-041618	4/16/2018	<0.0059	U		0.0018	J		<0 0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0 0048	U	
	10 ft	VMP-51-10-072017	7/20/2017	<0.0062	U		0.0019	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-51-10-103017	10/30/2017	<0.0061	U		0.0014	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-51-10-012318	1/23/2018	<0.0062	U		<0.0064	U		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-51-10-041618	4/16/2018	<0.0056	U		0.0018	J		<0 0051	U		<0.0051	U		<0.0049	U		<0.0027	U		<0.0045	U		<0 0045	U	
	20 ft	VMP-51-20-072017	7/20/2017	<0.0064	U		0.0013	J		0.00048	J		<0.0058	U		<0.0055	U		<0.003	U		0.0025	J		0.00094	J	
		VMP-51-20-103017	10/30/2017	<0.0063	U		0.0012	J		<0 0058	U		<0.0058	U		0.0018	J		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-51-20-012318	1/23/2018	<0.0062	U		0.0016	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-51-20-012318-DUP	1/23/2018	<0.0057	U		0.0012	J		<0 0052	U		<0.0052	U		0.0044	J		<0.0027	U		<0.0046	U		<0 0046	U	
		VMP-51-20-041618	4/16/2018	<0.0057	U		0.0014	J		<0 0052	U		<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0 0046	U	
	30 ft	VMP-51-30-072017	7/20/2017	<0.0064	U		0.0016	J		<0 0059	U		<0.0059	U		<0.0056	U		<0.003	U		0.00098	J		0.00026	J	
		VMP-51-30-103017	10/30/2017	<0.0059	U		0.0014	J		<0 0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-51-30-012318	1/23/2018	<0.0074	U		<0.0078	U		<0 0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-51-30-041618	4/16/2018	<0.0062	U		0.0018	J		0.00076	J		<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	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			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	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-52	5 ft	VMP-52-5-072117	7/21/2017	<0.0067	U		0.0018	J		0.00088	J		<0.0062	U		<0.0059	U		<0.0032	U		0.0061			<0 0054	U	
		VMP-52-5-102517	10/25/2017	<0.006	U		0.001	J		<0 0055	U		<0.0055	U		0.0022	J		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-52-5-012418	1/24/2018	<0.0059	U		<0.0062	U		<0 0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-52-5-042618	4/26/2018	<0.0069	U		0.0016	J		<0 0063	U		<0.0063	U		<0 006	U		<0.0033	U		<0.0056	U		<0 0056	U	
	10 ft	VMP-52-10-072117	7/21/2017	<0.0068	U		0.0016	J		<0 0062	U		<0.0062	U		0.0039	J		<0.0032	U		<0.0055	U		<0 0055	U	
		VMP-52-10-102517	10/25/2017	<0.006	U		0.00098	J		<0 0055	U		<0.0055	U		<0.0052	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-52-10-012418	1/24/2018	<0.0063	U		<0.0066	U		<0 0058	U		<0.0058	U		<0.0055	U		<0.003	U		0.0039	J		<0 0051	U	
		VMP-52-10-042618	4/26/2018	<0.0069	U		<0.0072	U		<0 0063	U		<0.0063	U		<0 006	U		<0.0033	U		<0.0056	U		<0 0056	U	
	20 ft	VMP-52-20-072117	7/21/2017	<0.0067	U		0.0019	J		<0 0061	U		<0.0061	U		0.0074			<0.0032	U		0.0023	J		<0 0054	U	
		VMP-52-20-102517	10/25/2017	<0.006	U		0.0011	J		<0 0055	U		<0.0055	U		0.0013	J		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-52-20-012418	1/24/2018	<0.006	U		<0.0063	U		<0 0055	U		<0.0055	U		0.0014	J		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-52-20-012418-DUP	1/24/2018	<0.0058	U		0.0014	J		<0 0053	U		<0.0053	U		0.0018	J		<0.0028	U		<0.0047	U		<0 0047	U	
		VMP-52-20-042618	4/26/2018	<0.0066	U		0.0016	J		<0 0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0 0054	U	
	30 ft	VMP-52-30-072117	7/21/2017	<0.0069	U		<0.0072	U		<0 0063	U		<0.0063	U		<0 006	U		<0.0033	U		0.0018	J		<0 0056	U	
		VMP-52-30-102517	10/25/2017	<0.0062	U		0.0012	J		<0 0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-52-30-102517-DUP	10/25/2017	<0.0063	U		0.00095	J		<0 0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-52-30-012418	1/24/2018	<0.0056	U		<0.0058	U		<0 0051	U		<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0 0045	U	
		VMP-52-30-042618	4/26/2018	<0.0072	U		<0.0076	U		<0 0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0 0058	U	
VMP-53	5 ft	VMP-53-5-071917	7/19/2017	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-53-5-110117	11/1/2017	<0.0057	U		0.00089	J		<0 0052	U		<0.0052	U		<0 005	U		<0.0027	U		<0.0046	U		<0 0046	U	
		VMP-53-5-012218	1/22/2018	<0.0065	U		0.0011	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-53-5-032918	3/29/2018	<0.0065	U		<0.0068	U		0.013			<0.0059	U		0 015			<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-53-5-041018	4/10/2018	<0.0063	U		0.0012	J		<0 0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
	10 ft	VMP-53-10-071917	7/19/2017	<0.0065	U		0.0013	J		<0 0059	U		<0.0059	U		0 013			<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-53-10-110117	11/1/2017	<0.006	U		<0.0063	U		<0 0055	U		<0.0055	U		<0.0052	U		<0.0028	U		0.003	J		<0 0048	U	
		VMP-53-10-012218	1/22/2018	<0.0065	U		0.001	J		<0 0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-53-10-032918	3/29/2018	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		0.0041	J		<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-53-10-041018	4/10/2018	<0.0062	U		0.0011	J		<0 0056	U		<0.0056	U		0.0029	J		<0.0029	U		<0.005	U		<0.005	U	
	20 ft	VMP-53-20-071917	7/19/2017	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		0 029			<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-53-20-110117	11/1/2017	<0.006	U		0.001	J		<0 0055	U		<0.0055	U		<0.0052	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-53-20-012218	1/22/2018	<0.0063	U		<0.0066	U		<0 0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-53-20-012218-DUP	1/22/2018	<0.0065	U		<0.0068	U		<0 0059	U		<0.0059	U		0.0032	J		<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-53-20-032918	3/29/2018	<0.0063	U		0.0013	J		<0 0058	U		<0.0058	U		0.0015	J		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-53-20-041018	4/10/2018	<0.0062	U		0.0016	J		<0 0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
	30 ft	VMP-53-30-071917	7/19/2017	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		0.0013	J		<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-53-30-071917-DUP	7/19/2017	<0.0065	U		<0.0068	U		<0 0059	U		<0.0059	U		0.00066	J		<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-53-30-110117	11/1/2017	<0.0059	U		<0.0062	U		<0 0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-53-30-012218	1/22/2018	<0.0065	U		<0.0068	U		<0 0059	U		<0.0059	U		0.0018	J		<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-53-30-032918	3/29/2018	<0.0063	U		<0.0066	U		<0 0058	U		<0.0058	U		0.0062			<0.003	U		<0.0051	U		<0 0051	U	
		VMP-53-30-041018	4/10/2018	<0.0058	U		0.0016	J		<0 0053	U		<0.0053	U		<0 005	U		<0.0027	U		<0.0047	U		<0 0047	U	
VMP-54	5 ft	VMP-54-5-071917	7/19/2017	<0.0066	U		0.0013	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-54-5-102617	10/26/2017	<0.0058	U		0.0012	J		<0 0053	U		<0.0053	U		0.0088			<0.0028	U		<0.0047	U		<0 0047	U	
		VMP-54-5-012218	1/22/2018	<0.0062	U		<0.0065	U		<0 0057	U		<0.0057	U		0.0022	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-54-5-041818	4/18/2018	<0.0065	U		0.0015	J		<0.006	U		<0.006	U		0.00088	J		<0.0031	U		<0.0053	U		<0 0053	U	
	10 ft	VMP-54-10-071917	7/19/2017	<0.0067	U		0.0013	J		<0 0061	U		<0.0061	U		0.0018	J		<0.0032	U		<0.0054	U		<0 0054	U	
		VMP-54-10-102617	10/26/2017	<0.006	U		0.0013	J		<0 0055	U		<0.0055	U		0.01			<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-54-10-012218	1/22/2018	<0.0064	U		0.0011	J		<0 0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-54-10-041818	4/18/2018	<0.0064	U		0.0013	J		<0 0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0 0052	U	
	20 ft	VMP-54-20-071917	7/19/2017	<0.0067	U		0.0012	J		<0 0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0 0054	U	
		VMP-54-20-102617	10/26/2017	<0.0058	U		0.0017	J		<0 0052	U		<0.0053	U		0.0012	J		<0.0027	U		<0.0046	U		<0 0046	U	
		VMP-54-20-012218	1/22/2018	<0.0062	U		0.001	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-54-20-041818	4/18/2018	<0.0062	U		0.0017	J		<0 0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
	30 ft	VMP-54-30-071917	7/19/2017	<0.007	U		0.0016	J		<0 0064	U		<0.0064	U		0.0013	J		<0.0033	U		<0.0057	U		<0 0057	U	
		VMP-54-30-102617	10/26/2017	<0.0059	U		0.0013	J		<0 0054	U		<0.0054	U		0.0021	J		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-54-30-102617-DUP	10/26/2017	<0.006	U		0.0012	J		<0 0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-54-30-012218	1/22/2018	<0.0064	U		<0.0066	U		<0 0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-54-30-041818	4/18/2018	<0.0066	U		0.0015	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0 0053	U	
VMP-56	10 ft	VMP-56-10-072117	7/21/2017	<0.007	U		<0.0073	U		<0 0064	U		<0.0064	U		0.0077			<0.0033	U		<0.0056	U		<0 0056	U	
		VMP-56-10-102717	10/27/2017	<0.0062	U		0.0014	J		<0 0057	U		<0.0057	U		0.0025	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-56-10-012918	1/29/2018	<0.0059	U		0.0013	J		<0 0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-56-10-050118	5/1/2018	<0.0067	U		<0.007	U		<0 0061	U		<0.0061	U		0.00097	J		<0.0032	U		<0.0054	U		<0 0054	U	
	25 ft	VMP-56-25-072117	7/21/2017	<0.0067	U		0.0013	J		<0 0062	U		<0.0062	U		0.0039	J		<0.0032	U		<0.0054	U		<0 0054	U	
		VMP-56-25-102717	10/27/2017	<0.0061	U		0.0016	J		<0 0056	U		<0.0056	U		0 001	J		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-56-25-012918	1/29/2018	<0.006	U		0.0014	J		<0 0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-56-25-050118	5/1/2018	<0.0065	U		<0.0068	U		<0 0059	U		<0.0059	U		0.0014	J		<0.0031	U		<0.0052	U		<0 0052	U	
	38.5 ft	VMP-56-38.5-050118	5/1/2018	<26	U		<27	U		34			21	J		6300			<12	U		1200			350		

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	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			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	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-072517	7/25/2017	<0.0057	U		0.0016	J		<0 0052	U		<0.0052	U		<0 005	U		<0.0027	U		0.0032	J		<0 0046	U	
		VMP-62-5-083017	8/30/2017	<0.0066	U		0.0013	J		<0 0061	U		<0.0061	U		0 005	J		<0.0032	U		<0.0054	U		<0 0054	U	
		VMP-62-5-110317	11/3/2017	<0.006	U		<0.0063	U		<0 0055	U		<0.0055	U		0 053			<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-62-5-012918	1/29/2018	<0.0058	U		<0.0061	U		<0 0053	U		<0.0053	U		<0 005	U		<0.0028	U		<0.0047	U		<0 0047	U	
		VMP-62-5-032818	3/28/2018	<0.006	U		0.0011	J		<0 0055	U		<0.0055	U		0.0026	J		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-62-5-041018	4/10/2018	<0.006	U		0.0016	J		<0 0055	U		<0.0055	U		0.00064	J		<0.0029	U		<0.0049	U		<0 0049	U	
	10 ft	VMP-62-10-072517	7/25/2017	<0.0064	U		<0.0066	U		<0 0058	U		<0.0058	U		0 001	J		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-62-10-110317	11/3/2017	<0.0059	U		0.00098	J		<0 0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-62-10-012918	1/29/2018	<0.0057	U		0.0015	J		<0 0052	U		<0.0052	U		<0 005	U		<0.0027	U		<0.0046	U		<0 0046	U	
		VMP-62-10-032818	3/28/2018	<0.0058	U		0.0012	J		0.00063	J		<0.0053	U		0.0036	J		<0.0027	U		<0.0047	U		<0 0047	U	
		VMP-62-10-041018	4/10/2018	<0.0059	U		0.0012	J		<0 0054	U		<0.0054	U		0.0007	J		<0.0028	U		<0.0048	U		<0 0048	U	
	20 ft	VMP-62-20-072517	7/25/2017	<0.0065	U		0.0016	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0 0053	U	
		VMP-62-20-110317	11/3/2017	<0.006	U		0.001	J		<0 0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-62-20-012918	1/29/2018	<0.0056	U		0.0012	J		<0 0051	U		<0.0051	U		<0.0049	U		<0.0027	U		<0.0045	U		<0 0045	U	
		VMP-62-20-032818	3/28/2018	<0.0064	U		0.0012	J		0.0017	J		<0.0059	U		0.00094	J		<0.0031	U		0.00092	J		<0 0052	U	
	30 ft	VMP-62-30-072517	7/25/2017	<0.0065	U		0.0018	J		<0 0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-62-30-072517-DUP	7/25/2017	<0.0063	U		0.0022	J		<0 0058	U		<0.0058	U		0.0019	J		<0.003	U		<0.0051	U		<0 0051	U	
		VMP-62-30-110317	11/3/2017	<0.0062	U		0.0018	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-62-30-110317-DUP	11/3/2017	<0.006	U		0.0015	J		<0 0055	U		<0.0055	U		0.0017	J		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-62-30-012918	1/29/2018	<0.0056	U		0.0014	J		<0 0051	U		<0.0051	U		0.0014	J		<0.0026	U		<0.0045	U		<0 0045	U	
		VMP-62-30-012918-DUP	1/29/2018	<0.0058	U		0.0014	J		<0 0052	U		<0.0053	U		0.0012	J		<0.0027	U		<0.0046	U		<0 0046	U	
		VMP-62-30-032818	3/28/2018	<0.0058	U		0.0012	J		<0 0053	U		<0.0053	U		0 011			<0.0028	U		<0.0047	U		<0 0047	U	
		VMP-62-30-032818-DUP	3/28/2018	<0.0058	U		0.0014	J		<0 0052	U		<0.0053	U		0 006			<0.0027	U		<0.0046	U		<0 0046	U	
		VMP-62-30-041018	4/10/2018	<0.006	U		0.0013	J		<0 0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0 0049	U	
VMP-63	5 ft	VMP-63-5-072517	7/25/2017	<0.0064	U		0.0011	J		0.00096	J		<0.0058	U		<0.0055	U		<0.003	U		0.011			0.0029	J	
		VMP-63-5-110117	11/1/2017	<0.006	U		0.0012	J		<0 0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-63-5-012618	1/26/2018	<0.006	U		0.0016	J		<0 0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-63-5-041918	4/19/2018	<0.0057	U		0.0013	J		<0 0052	U		<0.0052	U		0.0051			<0.0027	U		<0.0046	U		<0 0046	U	
	10 ft	VMP-63-10-072517	7/25/2017	<0.0066	U		0.001	J		<0.006	U		<0.006	U		0.00067	J		<0.0031	U		0.00055	J		<0 0053	U	
		VMP-63-10-110117	11/1/2017	<0.006	U		0.0009	J		<0 0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-63-10-012618	1/26/2018	<0.006	U		0.0016	J		<0 0055	U		<0.0055	U		0.0028	J		<0.0029	U		<0.0049	U		<0 0049	U	
		VMP-63-10-041918	4/19/2018	<0.0059	U		0.0019	J		<0 0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0 0048	U	
	20 ft	VMP-63-20-072517	7/25/2017	<0.0066	U		0.0013	J		<0 0061	J	U	<0.0061	U		0.0007	J		<0.0032	U		0.0056			0.0014	J	
		VMP-63-20-110117	11/1/2017	<0.0059	U		0.0011	J		<0 0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-63-20-012618	1/26/2018	<0.0062	U		0.0014	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-63-20-041918	4/19/2018	<0.006	U		0.0015	J		<0 0055	U		<0.0055	U		0.0032	J		<0.0028	U		<0.0048	U		<0 0048	U	
	30 ft	VMP-63-30-072517	7/25/2017	<0.0063	U		0.0013	J		<0 0057	U		<0.0057	U		0.00062	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-63-30-110117	11/1/2017	<0.006	U		0.0012	J		<0 0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-63-30-012618	1/26/2018	<0.0062	U		0.0014	J		<0 0056	U		<0.0056	U		0.0011	J		<0.0029	U		<0.005	U		<0.005	U	
		VMP-63-30-012618-DUP	1/26/2018	<0.0059	U		0.0012	J		<0 0054	U		<0.0054	U		0.00083	J		<0.0028	U		<0.0048	U		<0 0048	U	
		VMP-63-30-041918	4/19/2018	<0.0061	U		0.0014	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-63-30-041918-DUP	4/19/2018	<0.006	U		<0.0062	U		<0 0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0 0048	U	
VMP-64	5 ft	VMP-64-5-072517	7/25/2017	<0.012	U		0.0014	J		<0.011	U		<0.011	U		<0 011	U		<0.0059	U		<0.01	U		<0.01	U	
		VMP-64-5-110317	11/3/2017	<0.0062	U		0.0012	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-64-5-012218	1/22/2018	<0.0062	U		0.0013	J		<0 0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-64-5-041218	4/12/2018	<0.0067	U		<0.007	U		<0 0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0 0054	U	
	10 ft	VMP-64-10-072517	7/25/2017	<0.0068	U		0.0014	J		<0 0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0 0055	U	
		VMP-64-10-110317	11/3/2017	<0.0057	U		0.0011	J		<0 0052	U		<0.0052	U		<0 005	U		<0.0027	U		<0.0046	U		<0 0046	U	
		VMP-64-10-012218	1/22/2018	<0.0064	U		<0.0067	U		<0 0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0 0052	U	
		VMP-64-10-041218	4/12/2018	<0.0066	U		0.0012	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0 0053	U	
	20 ft	VMP-64-20-072517	7/25/2017	<0.0068	U		0.0015	J		<0 0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0 0055	U	
		VMP-64-20-110317	11/3/2017	<0.0057	U		0.0013	J		<0 0052	U		<0.0052	U		<0 005	U		<0.0027	U		<0.0046	U		<0 0046	U	
		VMP-64-20-012218	1/22/2018	<0.0065	U		0.00095	J		<0 0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0 0052	U	
		VMP-64-20-041218	4/12/2018	<0.0064	U		<0.0067	U		<0 0059	U		<0.0059	U		<0.0056	U		<0.003	U		<0.0052	U		<0 0052	U	

Notes
Yellow highlighted cells indicate readings that exceed industrial screening criterion.
* = Analytical results indicate anomalous readings compared to previous results. VMP location resampled to verify results from the laboratory.
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 the RL

AECOM Qualifiers
J = Estimated detection
UJ = Estimated non-detect
U = Non-detect due to blank contamination
ND, UJ = Non-detected compound associated with low bias in the continuing calibration verification

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-10-5-072717	7/27/2017	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-10-5-103017	10/30/2017	<0.027	J	U	<0.0036	J	U	<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-10-5-013118	1/31/2018	<0.026	J	U	0.00042	J		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-10-5-042018	4/20/2018	0.018	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0059	J	
	10 ft	VMP-10-10-072717	7/27/2017	0.0087	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-10-10-103017	10/30/2017	<0.026	J	U	<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		0.0062	J		<0.013	U	
		VMP-10-10-013118	1/31/2018	<0.027	J	U	<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-10-10-042018	4/20/2018	0.01	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-10-20-072717	7/27/2017	0.0047	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-10-20-103017	10/30/2017	<0.025	J	U	<0.0034	J	U	<0.0071	U		<0.011	U		<0.041	U		<0.0024	U		<0.01	U		<0.012	U	
		VMP-10-20-013118	1/31/2018	<0.027	J	U	<0.0036	U		0.0046	J		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-10-20-042018	4/20/2018	0.012	J		<0.004	U		0.014			<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
	30 ft	VMP-10-30-103017	10/30/2017	<0.026	J	U	<0.0034	J	U	<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		0.0045	J		0.0028	J	
		VMP-10-30-103017-DUP	10/30/2017	<0.025	J	U	<0.0034	J	U	<0.0071	U		<0.011	U		<0.041	U		<0.0023	U		0.012			<0.012	U	
		VMP-10-30-013118	1/31/2018	0.0081	J		0.002	J		0.014			<0.012	U		<0.045	U		<0.0026	U		0.012			<0.014	U	
		VMP-10-30-013118-DUP	1/31/2018	0.009	J		0.0021	J		0.012			<0.011	U		<0.041	U		<0.0023	U		0.012			<0.012	U	
		VMP-10-30-043018	4/30/2018	0.06			<0.0041	U		0.13			<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0039	J	
		VMP-10-30-043018-DUP	4/30/2018	0.068			<0.0039	U		0.14			<0.013	U		<0.048	U		<0.0027	U		0.004	J		0.0032	J	
VMP-11	5 ft	VMP-11-5-072617	7/26/2017	0.014	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0035	J	
		VMP-11-5-110317	11/3/2017	0.015	J		<0.0038	J	U	<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0045	J	
		VMP-11-5-012918	1/29/2018	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-11-5-050118	5/1/2018	0.032			<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
	8 ft	VMP-11-8-072617	7/26/2017	0.0057	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-11-8-110317	11/3/2017	0.011	J		<0.0036	J	U	<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-11-8-012918	1/29/2018	<0.025	J	U	<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		<0.012	U	
		VMP-11-8-050118	5/1/2018	<0.029	U		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
	29 ft	VMP-11-29-072617	7/26/2017	0.0085	J		<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-11-29-110317	11/3/2017	<0.027	J	U	<0.0036	J	U	<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-11-29-012918	1/29/2018	<0.025	J	U	<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-11-29-050118	5/1/2018	0.0075	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
	38 ft	VMP-11-38-072617	7/26/2017	0.028			<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		0.0041	J		0.0062	J	
		VMP-11-38-110317	11/3/2017	<0.029	J	U	0.0011	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-11-38-110317-DUP	11/3/2017	0.012	J		<0.0035	J	U	<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-11-38-012918	1/29/2018	<0.026	J	U	0.00051	J		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		0.0095	J		<0.013	U	
		VMP-11-38-050118	5/1/2018	<0.03	U		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
VMP-12	5 ft	VMP-12-5-072817	7/28/2017	0.027	J		0.0023	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.0045	J		0.0065	J	
		VMP-12-5-110217	11/2/2017	0.015	J		<0.0038	J	U	<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.004	J	
		VMP-12-5-013018	1/30/2018	<0.026	J	U	0.00035	J		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-12-5-043018	4/30/2018	0.015	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0065	J	
	11.5 ft	VMP-12-11.5-072817	7/28/2017	0.024	J		<0.004	J	U	<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.01	J	
		VMP-12-11.5-110217	11/2/2017	0.014	J		<0.0036	J	U	<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0031	J	
		VMP-12-11.5-013018	1/30/2018	0.0079	J		<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0024	U		<0.01	U		<0.012	U	
		VMP-12-11.5-043018	4/30/2018	0.018	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0051	J	
	25 ft	VMP-12-25-072817	7/28/2017	0.022	J		<0.0038	J	U	<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0037	J	
		VMP-12-25-110217	11/2/2017	0.013	J		<0.0039	J	U	<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-12-25-013018	1/30/2018	<0.027	J	U	<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-12-25-043018	4/30/2018	0.0079	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-12-25-043018-DUP	4/30/2018	0.0089	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.013	U	
	39 ft	VMP-12-39-072817	7/28/2017	<2.9	U		5.6		J	<2	U		<3.1	U		<4.7	U		<0.67	U		93			<3.6	U	
		VMP-12-39-072817-DUP	7/28/2017	<5.4	U		8.4		J	<3.8	U		<5.9	U		<8.8	U		<1.3	U		130			<6.7	U	
		VMP-12-39-110217	11/2/2017	<11	U		27			<7.8	U		<12	U		<18	U		<2.6	U		120			<14	U	
		VMP-12-39-110217-DUP	11/2/2017	<11	U		28			<7.8	U		<12	U		<18	U		<2.6	U		130			<14	U	
		VMP-12-39-013018	1/30/2018	<1.1	U		200			<0.75	U		<1.2	U		<1.7	U	UJ	<0.25	U		11			<1.3	U	
		VMP-12-39-043018	4/30/2018	0.051			0.028			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.12			0.0052	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	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-13-5-072717	7/27/2017	0.02	J		0.0008	J		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0055	J	
		VMP-13-5-103017	10/30/2017	0.014	J		<0.0036	U		<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0055	J	
		VMP-13-5-012918	1/29/2018	0.0067	J		0.00032	J		<0.0068	U		<0.01	U		<0.039	U		<0.0022	U		<0.0096	U		<0.012	U	
		VMP-13-5-033018	3/30/2018	0.0084	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.0028	J		0.002	J	
		VMP-13-5-041018	4/10/2018	0.0078	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U	
	10.5 ft	VMP-13-10.5-072717	7/27/2017	0.021	J		0.0013	J		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		0.0085	J		0.0053	J	
		VMP-13-10.5-103017	10/30/2017	<0.027	J	U	<0.0036	U		<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-13-10.5-012918	1/29/2018	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-13-10.5-033018	3/30/2018	0.0076	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0017	J	
		VMP-13-10.5-041018	4/10/2018	0.012	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0023	J	
	21.5 ft	VMP-13-21.5-072717	7/27/2017	0.0091	J		0.00097	J		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-13-21.5-103017	10/30/2017	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-13-21.5-012918	1/29/2018	0.0096	J		0.00063	J		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-13-21.5-033018	3/30/2018	0.0094	J		0.00055	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.0034	J		0.0018	J	
		VMP-13-21.5-041018	4/10/2018	0.0085	J		0.0006	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.005	J		0.002	J	
	29.5 ft	VMP-13-29.5-072717	7/27/2017	0.0082	J		0.83			<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-13-29.5-103017	10/30/2017	<0.028	J	U	0.0081			<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.03			<0.014	U	
		VMP-13-29.5-012918	1/29/2018	0.012	J		0.00032	J		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		0.0058	J		<0.013	U	
		VMP-13-29.5-012918-DUP	1/29/2018	<0.027	J	U	<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-13-29.5-033018	3/30/2018	0.0086	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0018	J	
		VMP-13-29.5-033018-DUP	3/30/2018	0.0097	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0029	J	
		VMP-13-29.5-041018	4/10/2018	0.002	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
VMP-14	5 ft	VMP-14-5-071917	7/19/2017	0.031			<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0054	J		0.0048	J	
		VMP-14-5-103017	10/30/2017	<0.027	J	U	<0.0036	J	U	<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-14-5-012518	1/25/2018	<0.028	J	U	<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.008	J		<0.014	U	
		VMP-14-5-041718	4/17/2018	0.03	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0048	J	
	11.5 ft	VMP-14-11.5-071917	7/19/2017	0.02	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-14-11.5-103017	10/30/2017	<0.027	J	U	<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-14-11.5-012518	1/25/2018	0.015	J		0.00096	J		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		0.0062	J		0.004	J	
		VMP-14-11.5-041718	4/17/2018	0.026	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.01	J	
	20 ft	VMP-14-20-071917	7/19/2017	0.06	J		0.017	J		<0.086	U		<0.13	U		<0.2	U		<0.028	U		<0.12	U		<0.15	U	
		VMP-14-20-103017	10/30/2017	<0.027		U	0.01			<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		0.0032	J		0.0077	J	
		VMP-14-20-012518	1/25/2018	0.026	J		0.0044			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0052	J	
		VMP-14-20-041718	4/17/2018	0.022	J		0.0055			<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0061	J	
	29 ft	VMP-14-29-103017	10/30/2017	<0.027	J	U	0.0023	J		<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		0.022			<0.013	U	
		VMP-14-29-012518	1/25/2018	0.024	J		0.0012	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.014			0.0058	J	
		VMP-14-29-042718	4/27/2018	0.015	J		0.0012	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.016			0.0048	J	
VMP-15	5 ft	VMP-15-5-072617	7/26/2017	0.016	J		<0.0039	J	U	<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-15-5-110217	11/2/2017	0.016	J		<0.0039	J	U	<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-15-5-013018	1/30/2018	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-15-5-043018	4/30/2018	0.01	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U	
	21.5 ft	VMP-15-21.5-072617	7/26/2017	0.02	J		0.0076	J		<0.034	U		<0.053	U		<0.2	U		<0.011	U		0.17			<0.061	U	
		VMP-15-21.5-110217	11/2/2017	<0.029	J	U	<0.0039	J	U	<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-15-21.5-013018	1/30/2018	<0.028	J	U	0.0004	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-15-21.5-043018	4/30/2018	0.012	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		<0.014	U	
	25.5 ft	VMP-15-25.5-072617	7/26/2017	<0.5	U		0.049	J		<0.14	U		<0.22	U		<0.81	U		<0.046	U		<0.2	U		<0.25	U	
		VMP-15-25.5-110217	11/2/2017	0.014	J		<0.0038	J	U	<0.008	U		<0.012	U		<0.047	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-15-25.5-013018	1/30/2018	0.0054	J		0.0013	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-15-25.5-043018	4/30/2018	0.094			0.00089	J		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		0.0068	J	
	29 ft	VMP-15-29-013018	1/30/2018	0.005	J		0.0022	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.0061	J		<0.014	U	
		VMP-15-29-043018	4/30/2018	0.02	J		0.0011	J		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0028	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	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-16-5-072817	7/28/2017	0.019	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0034	J	
		VMP-16-5-110217	11/2/2017	<0.028	J	U	<0.0038	J	U	<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-16-5-013018	1/30/2018	<0.026	J	U	<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-16-5-043018	4/30/2018	0.022	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0047	J	
	13.5 ft	VMP-16-13.5-072817	7/28/2017	<2.3	U		1.3			<1.6	U		<2.5	U		<3.8	U		<0.54	U		1.2	J		<2.8	U	
		VMP-16-13.5-110217	11/2/2017	<3.8	U		1.2	J		<2.7	U		<4.2	U		<6.3	U		<0.89	U		9.1			<4.8	U	
		VMP-16-13.5-013018	1/30/2018	<2	U		<0.67	U		<1.4	U		<2.2	U		<3.3	U	UJ	<0.46	U		<2	U		<2.5	U	
		VMP-16-13.5-013018-DUP	1/30/2018	<2	U		<0.67	U		<1.4	U		<2.2	U		<3.3	U	UJ	<0.46	U		<2	U		<2.5	U	
		VMP-16-13.5-043018	4/30/2018	<2.9	U		<0.97	U		<2	U		<3.1	U		<4.7	U		<0.67	U		6.9			<3.6	U	
	19 ft	VMP-16-19-072817	7/28/2017	<2.4	U		3.6			<1.7	U		<2.7	U		<4	U		<0.57	U		23			<3	U	
		VMP-16-19-110217	11/2/2017	<3.8	U		3			<2.7	U		<4.2	U		<6.3	U		<0.89	U		82			<4.8	U	
		VMP-16-19-013018	1/30/2018	<5.2	U		<1.7	U		<3.6	U		<5.6	U		<8.5	U	UJ	<1.2	U		19			<6.4	U	
		VMP-16-19-043018	4/30/2018	<7.4	U		<2.5	U		<5.2	U		<8	U		<12	U		<1.7	U		11			<9.1	U	
	31 ft	VMP-16-31-072817	7/28/2017	<3	U		2.7			<2.1	U		<3.2	U		<4.9	U		<0.7	U		82			<3.7	U	
		VMP-16-31-110217	11/2/2017	<3.7	U		2.5			<2.6	U		<4	U		<6	U		<0.86	U		150			<4.6	U	
		VMP-16-31-013018	1/30/2018	<3.4	U		<1.2	U		<2.4	U		<3.8	U		<5.6	U	UJ	<0.8	U		53			<4.3	U	
		VMP-16-31-043018	4/30/2018	<7.1	U		<2.4	U		<5	U		<7.8	U		<12	U		<1.6	U		26			<8.8	U	
VMP-17	5 ft	VMP-17-5-071917	7/19/2017	0.013	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-17-5-110217	11/2/2017	<0.029	J	U	0.0044			<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0082	J		<0.014	U	
		VMP-17-5-012418	1/24/2018	<0.028	J	U	0.00073	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.0046	J		<0.014	U	
		VMP-17-5-042418	4/24/2018	0.0061	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-17-5-042418-DUP	4/24/2018	0.0037	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
VMP-25	5 ft	VMP-25-5-080117	8/1/2017	0.016	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		0.0033	J	
		VMP-25-5-110217	11/2/2017	0.016	J		<0.0036	J	U	<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-25-5-013018	1/30/2018	<0.024	J	U	0.0015	J		<0.0068	U		<0.01	U		<0.039	U		<0.0022	U		0.0048	J		<0.012	U	
		VMP-25-5-042618	4/26/2018	0.017	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
	21 ft	VMP-25-21-080117	8/1/2017	0.045			0.0051			<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.04			0.0083	J	
		VMP-25-21-110217	11/2/2017	0.013	J		<0.0035	J	U	<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		0.0036	J		<0.013	U	
		VMP-25-21-013018	1/30/2018	<0.026	J	U	0.0012	J		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		0.0081	J		<0.013	U	
		VMP-25-21-013018-DUP	1/30/2018	0.0076	J		0.0011	J		<0.0069	U		<0.011	U		<0.04	U		<0.0023	U		0.0084	J		<0.012	U	
		VMP-25-21-042618	4/26/2018	0.036			<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.0076	J		<0.014	U	
	31 ft	VMP-25-31-080117	8/1/2017	9.2	J		3.9	J		<13	U		<20	U		<74	U		<4.2	U		380			<22	U	
		VMP-25-31-080117-DUP	8/1/2017	14	J		4.6	J		<14	U		<22	U		<83	U		<4.8	U		410			<25	U	
		VMP-25-31-110217	11/2/2017	<3.8	U		7.4			<2.7	U		<4.2	U		<6.3	U		<0.89	U		410			<4.8	U	
		VMP-25-31-110217-DUP	11/2/2017	<3.6	U		8			<2.6	U		<3.9	U		<5.9	U		<0.84	U		440			<4.5	U	
		VMP-25-31-013018	1/30/2018	<3.2	U		9.8			<2.3	U		<3.5	U		<5.2	U	UJ	<0.75	U		400			<4	U	
		VMP-25-31-013018-DUP	1/30/2018	<3.4	U		9.8			<2.4	U		<3.7	U		<5.5	U	UJ	<0.78	U		460			<4.2	U	
VMP-29	10 ft	VMP-29-10-072717	7/27/2017	0.048	J		<0.0076	U		<0.016	U		<0.024	U		<0.092	U		<0.0052	U		<0.022	U		0.17		
		VMP-29-10-102717	10/27/2017	0.01	J		0.00095	J		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0068	J	
		VMP-29-10-012518	1/25/2018	0.015	J		0.0088			<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.018		
		VMP-29-10-041718	4/17/2018	0.03			0.0019	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0076	J	
	18 ft	VMP-29-18-072717	7/27/2017	0.48			0.0098			<0.017	U		<0.026	U		<0.096	U		<0.0055	U		0.011	J		2		
		VMP-29-18-102717	10/27/2017	0.032			0.00091	J		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.088		
		VMP-29-18-012518	1/25/2018	0.1			0.044			<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.0065	J		0.28		
		VMP-29-18-041718	4/17/2018	0.026			0.0016	J		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		0.058		
	26 ft	VMP-29-26-072717	7/27/2017	1.4			0.014	J		<0.052	U		<0.081	U		<0.3	U		<0.017	U		0.032	J		3.9		
		VMP-29-26-072717-DUP	7/27/2017	1.4			0.011	J		<0.049	U		<0.076	U		<0.28	U		<0.016	U		<0.07	U		4		
		VMP-29-26-102717	10/27/2017	0.014	J		0.0024	J		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		0.0056	J		0.0098	J	
		VMP-29-26-102717-DUP	10/27/2017	0.014	J		0.0017	J		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0082	J	
		VMP-29-26-012518	1/25/2018	0.019	J		0.02			<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.03		
		VMP-29-26-041718	4/17/2018	0.014	J		0.0016	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		0.011	J	
		VMP-29-26-041718-DUP	4/17/2018	0.016	J		0.0015	J		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		0.011	J	

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-30	10 ft	VMP-30-10-072717	7/27/2017	0.92			0.012			<0.02	U		<0.031	U		<0.12	U		<0.0067	U		0.15			3.6		
		VMP-30-10-102717	10/27/2017	0.013	J		0.00088	J		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.023		
		VMP-30-10-012518	1/25/2018	0.022	J		0.0046			<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.014		
		VMP-30-10-041718	4/17/2018	0.03			<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.03		
	18 ft	VMP-30-18-072717	7/27/2017	1.3			0.09			<0.064	U		<0.098	U		<0.37	U		<0.021	U		<0.09	U		5.6		
		VMP-30-18-102717	10/27/2017	0.016	J		0.0036	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.0048	J		0.026		
		VMP-30-18-012518	1/25/2018	0.026			0.034			<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		0.0064	J		0.023		
		VMP-30-18-012518-DUP	1/25/2018	0.018	J		0.036			<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		0.022		
		VMP-30-18-041718	4/17/2018	0.018	J		0.0023	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0046	J		0.018		
	26 ft	VMP-30-26-072717	7/27/2017	0.57			0.058			<0.016	U		<0.025	U		<0.094	U		<0.0054	U		<0.023	U		1.4		
		VMP-30-26-102717	10/27/2017	0.033			0.005			<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		0.011			0.035		
		VMP-30-26-012518	1/25/2018	0.04			0.1			<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		0.0095	J		0.063		
		VMP-30-26-041718	4/17/2018	0.035			0.0051			<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.0079	J		0.054		
VMP-41	10 ft	VMP-41-10-072717	7/27/2017	0.017	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0045	J	
		VMP-41-10-102717	10/27/2017	<0.026	J	U	<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-41-10-012418	1/24/2018	<0.026	J	U	0.0004	J		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		0.0036	J		<0.013	U	
		VMP-41-10-042018	4/20/2018	0.0064	J		<0.0036	U		0.0043	J		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U	
	20 ft	VMP-41-20-072717	7/27/2017	0.011	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0044	J	
		VMP-41-20-102717	10/27/2017	0.012	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0042	J	
		VMP-41-20-012418	1/24/2018	0.0093	J		0.00045	J		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-41-20-050118	5/1/2018	0.026	J		<0.0038	U		0.0045	J		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0075	J	
	26 ft	VMP-41-26-072717	7/27/2017	0.0074	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-41-26-072717-DUP	7/27/2017	0.014	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.015	U	
		VMP-41-26-102717	10/27/2017	0.0097	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0036	J	
		VMP-41-26-102717-DUP	10/27/2017	<0.026	J	U	<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-41-26-012418	1/24/2018	<0.025	J	U	0.00034	J		<0.0071	U		<0.011	U		<0.041	U		<0.0024	U		0.0032	J		<0.012	U	
		VMP-41-26-042018	4/20/2018	0.0071	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-41-26-042018-DUP	4/20/2018	0.0085	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
VMP-55	5 ft	VMP-55-5-072617	7/26/2017	0.034	J		0.0022	J		<0.015	U		<0.023	U		<0.086	U		<0.0049	U		<0.021	U		0.011	J	
		VMP-55-5-110217	11/2/2017	0.014	J		0.00095	J		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-55-5-013018	1/30/2018	0.012	J		0.00046	J		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		0.0058	J		<0.013	U	
		VMP-55-5-043018	4/30/2018	0.016	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0043	J	
	20 ft	VMP-55-20-072617	7/26/2017	<0.59	U		<0.2	U		<0.42	U		<0.64	U		<0.96	U		<0.14	U		42		J	<0.73	U	
		VMP-55-20-110217	11/2/2017	<2.8	U		<0.95	U		<2	U		<3.1	U		<4.6	U		<0.66	U		140			<3.5	U	
		VMP-55-20-013018	1/30/2018	5.2		J	<0.39	U		<0.82	U		<1.3	U		<1.9	U		<0.27	U		140		J	<1.4	U	
		VMP-55-20-043018	4/30/2018	9.6	J		<4.8	U		<10	U		<15	U		<58	U		<3.3	U		640			<18	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	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-10-5-072717	7/27/2017	<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-10-5-103017	10/30/2017	<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-10-5-013118	1/31/2018	<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-10-5-042018	4/20/2018	<0.014	J	U	<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
	10 ft	VMP-10-10-072717	7/27/2017	<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-10-10-103017	10/30/2017	<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-10-10-013118	1/31/2018	<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-10-10-042018	4/20/2018	<0.014	J	U	<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
	20 ft	VMP-10-20-072717	7/27/2017	<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-10-20-103017	10/30/2017	<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-10-20-013118	1/31/2018	<0.014	U		0.0011	J		<0.0052	U		<0.0097	U		<0.012	U		0.11			<0.024	U		<0.0059	U	
		VMP-10-20-042018	4/20/2018	<0.016	J	U	<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		0.32			<0.026	U		<0.0064	U	
	30 ft	VMP-10-30-103017	10/30/2017	<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-10-30-103017-DUP	10/30/2017	<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-10-30-013118	1/31/2018	<0.014	U		<0.0074	U		<0.0054	U		0.0024	J		<0.012	U		0.14			<0.024	U		<0.006	U	
		VMP-10-30-013118-DUP	1/31/2018	<0.013	U		<0.0066	U		<0.0048	U		0.0024	J		<0.011	U		0.13			<0.022	U		<0.0055	U	
		VMP-10-30-043018	4/30/2018	<0.016	U		0.0079	J		<0.0059	U		0.0093	J		<0.014	U		1.6			<0.027	U		<0.0067	U	
		VMP-10-30-043018-DUP	4/30/2018	<0.015	U		0.008			<0.0057	U		0.0093	J		<0.013	U		1.6			<0.026	U		<0.0064	U	
VMP-11	5 ft	VMP-11-5-072617	7/26/2017	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-11-5-110317	11/3/2017	<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-11-5-012918	1/29/2018	<0.014	U		<0.007	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		0.012	J		<0.0057	U	
		VMP-11-5-050118	5/1/2018	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
	8 ft	VMP-11-8-072617	7/26/2017	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.00063	J		<0.025	U		<0.0063	U	
		VMP-11-8-110317	11/3/2017	<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-11-8-012918	1/29/2018	<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-11-8-050118	5/1/2018	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
	29 ft	VMP-11-29-072617	7/26/2017	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.00068	J		<0.025	U		<0.0062	U	
		VMP-11-29-110317	11/3/2017	<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-11-29-012918	1/29/2018	<0.013	U		<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		0.0011	J		<0.022	U		<0.0055	U	
		VMP-11-29-050118	5/1/2018	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0014	J		<0.027	U		<0.0067	U	
	38 ft	VMP-11-38-072617	7/26/2017	<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-11-38-110317	11/3/2017	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0014	J		<0.025	U		<0.0063	U	
		VMP-11-38-110317-DUP	11/3/2017	<0.014	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		0.0012	J		<0.023	U		<0.0057	U	
		VMP-11-38-012918	1/29/2018	<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-11-38-050118	5/1/2018	<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	5 ft	VMP-12-5-072817	7/28/2017	<0.015	U		0.00074	J		0.00068	J		<0.01	U		<0.012	U		0.0018	J		<0.024	U		<0.0062	U	
		VMP-12-5-110217	11/2/2017	<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-12-5-013018	1/30/2018	0.0064	J		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U	
		VMP-12-5-043018	4/30/2018	<0.014	U		<0.0072	U		<0.0052	U		<0.0097	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
	11.5 ft	VMP-12-11.5-072817	7/28/2017	<0.016	U		<0.0079	U		0.00067	J		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-12-11.5-110217	11/2/2017	<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-12-11.5-013018	1/30/2018	<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-12-11.5-043018	4/30/2018	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
	25 ft	VMP-12-25-072817	7/28/2017	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0029	J		<0.024	U		<0.0062	U	
		VMP-12-25-110217	11/2/2017	<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-12-25-013018	1/30/2018	<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-12-25-043018	4/30/2018	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		0.003	J		<0.023	U		<0.0058	U	
		VMP-12-25-043018-DUP	4/30/2018	<0.014	U		<0.0072	U		<0.0052	U		<0.0097	U		<0.012	U		0.0027	J		<0.024	U		<0.0059	U	
	39 ft	VMP-12-39-072817	7/28/2017	<3.8	U		<1.9	U		<1.4	U		<2.6	U		<3.2	U		<1.5	U		<2.5	U		<1.6	U	
		VMP-12-39-072817-DUP	7/28/2017	<7.1	U		<3.6	U		<2.6	U		<4.8	U		<6	U		<2.8	U		<4.7	U		<3	U	
		VMP-12-39-110217	11/2/2017	<14	U		<7.3	U		<5.4	U		<9.9	U		<12	U		<5.7	U		<9.6	U		<6	U	
		VMP-12-39-110217-DUP	11/2/2017	<14	U		<7.3	U		<5.4	U		<9.9	U		<12	U		<5.7	U		<9.6	U		<6	U	
		VMP-12-39-013018	1/30/2018	<1.4	U		<0.71	U		<0.52	U		<0.96	U		<1.2	U		<0.55	U		<0.93	U		<0.58	U	
		VMP-12-39-043018	4/30/2018	0.037			<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0042	J		<0.025	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	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-13-5-072717	7/27/2017	0.0025	J		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		0.0048	J		<0.023	U		<0.0058	U	
		VMP-13-5-103017	10/30/2017	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		0.0017	J		<0.023	U		<0.0058	U	
		VMP-13-5-012918	1/29/2018	<0.013	U		<0.0064	U		<0.0047	U		<0.0086	U		<0.011	U		<0.005	U		<0.021	U		<0.0052	U	
		VMP-13-5-033018	3/30/2018	<0.014	J	U	<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-13-5-041018	4/10/2018	<0.014	J	U	<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
	10.5 ft	VMP-13-10.5-072717	7/27/2017	0.0049	J		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.00091	J		<0.024	U		<0.0059	U	
		VMP-13-10.5-103017	10/30/2017	0.0053	J		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		0.0022	J		<0.023	U		<0.0058	U	
		VMP-13-10.5-012918	1/29/2018	<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-13-10.5-033018	3/30/2018	<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-13-10.5-041018	4/10/2018	<0.016	J	U	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
	21.5 ft	VMP-13-21.5-072717	7/27/2017	0.0049	J		<0.0073	U		<0.0053	U		<0.0098	U		<0.012	U		0.0012	J		<0.024	U		<0.006	U	
		VMP-13-21.5-103017	10/30/2017	<0.014	U		<0.007	U		<0.0051	U		<0.0095	U		<0.012	U		0.0031	J		<0.023	U		<0.0058	U	
		VMP-13-21.5-012918	1/29/2018	0.0018	J		<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		0.0011	J		<0.022	U		<0.0055	U	
		VMP-13-21.5-033018	3/30/2018	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.00089	J		<0.024	U		<0.0062	U	
		VMP-13-21.5-041018	4/10/2018	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.00067	J		<0.024	U		<0.0062	U	
	29.5 ft	VMP-13-29.5-072717	7/27/2017	0.002	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0018	J		<0.027	U		<0.0067	U	
		VMP-13-29.5-103017	10/30/2017	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		0.0042	J		<0.025	U		<0.0062	U	
		VMP-13-29.5-012918	1/29/2018	<0.014	U		<0.007	U		<0.0051	U		<0.0094	U		<0.012	U		0.0018	J		<0.023	U		<0.0057	U	
		VMP-13-29.5-012918-DUP	1/29/2018	0.0018	J		<0.0072	U		<0.0052	U		<0.0097	U		<0.012	U		0.0024	J		<0.024	U		<0.0059	U	
		VMP-13-29.5-033018	3/30/2018	<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-13-29.5-033018-DUP	3/30/2018	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.00084	J		<0.025	U		<0.0063	U	
		VMP-13-29.5-041018	4/10/2018	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0009	J		<0.026	U		<0.0065	U	
VMP-14	5 ft	VMP-14-5-071917	7/19/2017	<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-14-5-103017	10/30/2017	<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-14-5-012518	1/25/2018	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-14-5-041718	4/17/2018	0.0072	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
	11.5 ft	VMP-14-11.5-071917	7/19/2017	<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-14-11.5-103017	10/30/2017	<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-14-11.5-012518	1/25/2018	0.0069	J		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U	
		VMP-14-11.5-041718	4/17/2018	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
	20 ft	VMP-14-20-071917	7/19/2017	<0.16	U		<0.081	U		<0.059	U		<0.11	U		<0.14	U		<0.063	U		<0.11	U		<0.066	U	
		VMP-14-20-103017	10/30/2017	<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-14-20-012518	1/25/2018	<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-14-20-041718	4/17/2018	<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	
	29 ft	VMP-14-29-103017	10/30/2017	<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-14-29-012518	1/25/2018	0.009	J		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-14-29-042718	4/27/2018	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
VMP-15	5 ft	VMP-15-5-072617	7/26/2017	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0058	J		<0.026	U		<0.0064	U	
		VMP-15-5-110217	11/2/2017	<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-15-5-013018	1/30/2018	<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-15-5-043018	4/30/2018	<0.014	J	U	<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
	21.5 ft	VMP-15-21.5-072617	7/26/2017	<0.064	U		<0.032	U		<0.024	U		<0.044	U		<0.054	U		<0.025	U		<0.11	U		<0.027	U	
		VMP-15-21.5-110217	11/2/2017	0.0028	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0032	J		<0.025	U		<0.0063	U	
		VMP-15-21.5-013018	1/30/2018	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.017			<0.024	U		<0.006	U	
		VMP-15-21.5-043018	4/30/2018	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U	
	25.5 ft	VMP-15-25.5-072617	7/26/2017	<0.26	U		<0.13	U		<0.096	U		<0.18	U		<0.22	U		<0.1	U		<0.43	U		<0.11	U	
		VMP-15-25.5-110217	11/2/2017	<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-15-25.5-013018	1/30/2018	<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-15-25.5-043018	4/30/2018	<0.014	J	U	<0.007	U		<0.0051	U		<0.0095	U		<0.012	U		<0.0054	U		<0.023	U		<0.0058	U	
	29 ft	VMP-15-29-013018	1/30/2018	<0.014	U		<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		0.002	J		<0.024	U		<0.006	U	
		VMP-15-29-043018	4/30/2018	<0.015	J	U	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.002	J		<0.024	U		<0.0061	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-16-5-072817	7/28/2017	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0019	J		<0.025	U		<0.0063	U	
		VMP-16-5-110217	11/2/2017	<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-16-5-013018	1/30/2018	<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-16-5-043018	4/30/2018	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.001	J		<0.024	U		<0.0062	U	
	13.5 ft	VMP-16-13.5-072817	7/28/2017	<3	U		<1.5	U		<1.1	U		<2.1	U		<2.6	U		<1.2	U		<2	U		<1.2	U	
		VMP-16-13.5-110217	11/2/2017	<5	U		<2.5	U		<1.8	U		<3.4	U		<4.2	U		<2	U		<3.3	U		<2.1	U	
		VMP-16-13.5-013018	1/30/2018	<2.6	U		<1.3	U		<0.97	U		<1.8	U		<2.2	U		<1	U		<1.7	U		<1.1	U	
		VMP-16-13.5-013018-DUP	1/30/2018	<2.6	U		<1.3	U		<0.97	U		<1.8	U		<2.2	U		<1	U		<1.7	U		<1.1	U	
		VMP-16-13.5-043018	4/30/2018	<3.8	U		<1.9	U		<1.4	U		<2.6	U		<3.2	U		<1.5	U		<2.5	U		<1.6	U	
	19 ft	VMP-16-19-072817	7/28/2017	<3.2	U		<1.6	U		<1.2	U		<2.2	U		<2.7	U		<1.2	U		<2.1	U		<1.3	U	
		VMP-16-19-110217	11/2/2017	<5	U		<2.5	U		<1.8	U		<3.4	U		<4.2	U		<2	U		<3.3	U		<2.1	U	
		VMP-16-19-013018	1/30/2018	<6.8	U		<3.4	U		<2.5	U		<4.6	U		<5.8	U		<2.7	U		<4.5	U		<2.8	U	
		VMP-16-19-043018	4/30/2018	<9.6	U		<4.9	U		<3.6	U		<6.6	U		<8.2	U		<3.8	U		<6.4	U		<4	U	
	31 ft	VMP-16-31-072817	7/28/2017	<3.9	U		<2	U		<1.4	U		<2.7	U		<3.3	U		<1.5	U		<2.6	U		<1.6	U	
		VMP-16-31-110217	11/2/2017	<4.8	U		<2.4	U		<1.8	U		<3.3	U		<4.1	U		<1.9	U		<3.2	U		<2	U	
		VMP-16-31-013018	1/30/2018	<4.5	U		<2.3	U		<1.7	U		<3.1	U		<3.8	U		<1.8	U		<3	U		<1.9	U	
		VMP-16-31-043018	4/30/2018	<9.3	U		<4.7	U		<3.4	U		<6.4	U		<7.9	U		<3.7	U		<6.2	U		<3.9	U	
VMP-17	5 ft	VMP-17-5-071917	7/19/2017	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-17-5-110217	11/2/2017	<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-17-5-012418	1/24/2018	0.002	J		<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-17-5-042418	4/24/2018	<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-17-5-042418-DUP	4/24/2018	<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-25	5 ft	VMP-25-5-080117	8/1/2017	<0.014	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		0.0017	J		<0.023	U		<0.0057	U	
		VMP-25-5-110217	11/2/2017	<0.014	U		<0.0072	U		0.00048	J		<0.0098	U		<0.012	U		0.0023	J		<0.024	U		<0.0059	U	
		VMP-25-5-013018	1/30/2018	<0.013	U		<0.0064	U		<0.0047	U		<0.0086	U		<0.011	U		<0.005	U		<0.021	U		<0.0052	U	
		VMP-25-5-042618	4/26/2018	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
	21 ft	VMP-25-21-080117	8/1/2017	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0013	J		<0.024	U		<0.0061	U	
		VMP-25-21-110217	11/2/2017	<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-25-21-013018	1/30/2018	<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-25-21-013018-DUP	1/30/2018	<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-25-21-042618	4/26/2018	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		0.013	J		<0.0062	U	
	31 ft	VMP-25-31-080117	8/1/2017	2.4	J		<12	U		<8.7	U		<16	U		<20	U		<9.3	U		<39	U		<9.8	U	
		VMP-25-31-080117-DUP	8/1/2017	3	J		<14	U		<9.9	U		<18	U		<23	U		<10	U		<44	U		<11	U	
		VMP-25-31-110217	11/2/2017	<5	U		<2.5	U		<1.8	U		<3.4	U		<4.2	U		<2	U		<3.3	U		<2.1	U	
		VMP-25-31-110217-DUP	11/2/2017	<4.8	U		<2.4	U		<1.8	U		<3.2	U		<4	U		<1.9	U		<3.2	U		<2	U	
		VMP-25-31-013018	1/30/2018	<4.2	U		<2.1	U		<1.6	U		<2.9	U		<3.6	U		<1.6	U		<2.8	U		<1.8	U	
		VMP-25-31-013018-DUP	1/30/2018	<4.4	U		<2.2	U		<1.6	U		<3	U		<3.7	U		<1.7	U		<2.9	U		<1.8	U	
VMP-29	10 ft	VMP-29-10-072717	7/27/2017	0.018	J		<0.015	U		<0.011	U		<0.02	U		<0.025	U		<0.012	U		<0.049	U		<0.012	U	
		VMP-29-10-102717	10/27/2017	<0.014	J	U	<0.0072	U		<0.0052	U		<0.0097	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-29-10-012518	1/25/2018	0.0036	J		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
		VMP-29-10-041718	4/17/2018	0.0046	J		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
	18 ft	VMP-29-18-072717	7/27/2017	0.046			<0.016	U		<0.011	U		<0.021	U		<0.026	U		<0.012	U		<0.051	U		<0.013	U	
		VMP-29-18-102717	10/27/2017	0.0044	J		<0.0072	U		<0.0052	U		<0.0097	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-29-18-012518	1/25/2018	0.016			<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-29-18-041718	4/17/2018	0.0042	J		<0.007	U		<0.0051	U		<0.0095	U		<0.012	U		<0.0054	U		0.0033	J		<0.0058	U	
	26 ft	VMP-29-26-072717	7/27/2017	0.13			<0.049	U		<0.036	U		<0.066	U		<0.082	U		<0.038	U		<0.16	U		<0.04	U	
		VMP-29-26-072717-DUP	7/27/2017	0.14			<0.046	U		<0.034	U		<0.063	U		<0.078	U		<0.036	U		<0.15	U		<0.038	U	
		VMP-29-26-102717	10/27/2017	0.0048	J		<0.007	U		<0.0051	U		<0.0095	U		<0.012	U		<0.0054	U		<0.023	U		<0.0058	U	
		VMP-29-26-102717-DUP	10/27/2017	0.0046	J		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		<0.0053	U		<0.022	U		<0.0056	U	
		VMP-29-26-012518	1/25/2018	0.01	J		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.0018	J		<0.024	U		<0.006	U	
		VMP-29-26-041718	4/17/2018	0.0047	J		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-29-26-041718-DUP	4/17/2018	0.0043	J		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	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-30	10 ft	VMP-30-10-072717	7/27/2017	0.048			<0.019	U		<0.014	U		<0.026	U		<0.032	U		<0.015	U		<0.062	U		<0.016	U	
		VMP-30-10-102717	10/27/2017	<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-30-10-012518	1/25/2018	0.012	J		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		<0.0053	J	U	<0.022	U		<0.0056	U	
		VMP-30-10-041718	4/17/2018	0.0043	J		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
	18 ft	VMP-30-18-072717	7/27/2017	0.11	J		<0.06	U		<0.044	U		<0.081	U		<0.1	U		<0.046	U		<0.2	U		<0.049	U	
		VMP-30-18-102717	10/27/2017	0.0052	J		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.00092	J		<0.025	U		<0.0062	U	
		VMP-30-18-012518	1/25/2018	0.013	J		<0.007	U		<0.0051	U		<0.0095	U		<0.012	U		<0.0054	J	U	<0.023	U		<0.0058	U	
		VMP-30-18-012518-DUP	1/25/2018	0.0093	J		<0.007	U		<0.0051	U		<0.0095	U		<0.012	U		0.0019	J		<0.023	U		<0.0058	U	
		VMP-30-18-041718	4/17/2018	0.0061	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
	26 ft	VMP-30-26-072717	7/27/2017	0.045			<0.015	U		<0.011	U		<0.021	U		<0.026	U		<0.012	U		<0.05	U		<0.012	U	
		VMP-30-26-102717	10/27/2017	0.0047	J		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-30-26-012518	1/25/2018	0.015			<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		0.0018	J		<0.023	U		<0.0058	U	
		VMP-30-26-041718	4/17/2018	0.0068	J		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
VMP-41	10 ft	VMP-41-10-072717	7/27/2017	<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-41-10-102717	10/27/2017	<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-41-10-012418	1/24/2018	<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-41-10-042018	4/20/2018	<0.014	J	U	<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.033			<0.024	U		<0.0059	U	
	20 ft	VMP-41-20-072717	7/27/2017	<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-41-20-102717	10/27/2017	<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-41-20-012418	1/24/2018	<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-41-20-050118	5/1/2018	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.044			<0.024	U		<0.0062	U	
	26 ft	VMP-41-26-072717	7/27/2017	<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-41-26-072717-DUP	7/27/2017	<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-41-26-102717	10/27/2017	<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-41-26-102717-DUP	10/27/2017	<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-41-26-012418	1/24/2018	<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-41-26-042018	4/20/2018	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.047			<0.024	U		<0.0062	U	
		VMP-41-26-042018-DUP	4/20/2018	<0.014	J	U	<0.0073	U		<0.0053	U		<0.0098	U		<0.012	U		0.046			<0.024	U		<0.006	U	
VMP-55	5 ft	VMP-55-5-072617	7/26/2017	<0.027	U		<0.014	U		<0.01	U		<0.019	U		<0.023	U		<0.011	U		<0.046	U		<0.011	U	
		VMP-55-5-110217	11/2/2017	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.0014	J		<0.024	U		<0.006	U	
		VMP-55-5-013018	1/30/2018	<0.014	U		<0.007	U		<0.0051	U		<0.0094	U		<0.012	U		0.0012	J		<0.023	U		<0.0057	U	
		VMP-55-5-043018	4/30/2018	<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	
	20 ft	VMP-55-20-072617	7/26/2017	<0.77	U		<0.39	U		<0.28	U		<0.53	U		<0.65	U		<0.3	U		<0.51	U		<0.32	U	
		VMP-55-20-110217	11/2/2017	<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-55-20-013018	1/30/2018	<1.5	U		<0.77	U		<0.57	U		<1	U		<1.3	U		<0.6	U		<1	U		<0.64	U	
		VMP-55-20-043018	4/30/2018	2.3	J		<9.4	U		<6.8	U		<13	U		<16	U		<7.3	U		<31	U		<7.7	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	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-10-5-072717	7/27/2017	<0.004	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0028	J		<0.0046	U		<0.0046	U	
		VMP-10-5-103017	10/30/2017	<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-10-5-013118	1/31/2018	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0031	J		<0.0044	U		<0.0044	U	
		VMP-10-5-042018	4/20/2018	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.0036	J		<0.0047	U		<0.0047	U	
	10 ft	VMP-10-10-072717	7/27/2017	<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-10-10-103017	10/30/2017	<0.0038	U		<0.0085	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0021	J		<0.0045	U		<0.0045	U	
		VMP-10-10-013118	1/31/2018	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0034	J		<0.0046	U		<0.0046	U	
		VMP-10-10-042018	4/20/2018	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0.007	U		<0.0057	J	U	<0.0047	U		<0.0047	U	
	20 ft	VMP-10-20-072717	7/27/2017	<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-10-20-103017	10/30/2017	<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-10-20-013118	1/31/2018	<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-10-20-042018	4/20/2018	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0031	J		<0.005	U		<0.005	U	
	30 ft	VMP-10-30-103017	10/30/2017	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0018	J		<0.0044	U		<0.0044	U	
		VMP-10-30-103017-DUP	10/30/2017	<0.0036	U		<0.0081	U		<0.0063	U		<0.0063	U		<0.0063	U		0.0023	J		<0.0043	U		<0.0043	U	
		VMP-10-30-013118	1/31/2018	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0031	J		<0.0047	U		<0.0047	U	
		VMP-10-30-013118-DUP	1/31/2018	0.00067	J		<0.0081	U		<0.0063	U		<0.0063	U		<0.0063	U		0.0029	J		<0.0043	U		<0.0043	U	
		VMP-10-30-043018	4/30/2018	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-10-30-043018-DUP	4/30/2018	0.001	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U	
VMP-11	5 ft	VMP-11-5-072617	7/26/2017	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-11-5-110317	11/3/2017	<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-11-5-012918	1/29/2018	<0.0038	U		<0.0085	U		<0.0067	U		<0.0067	U		<0.0067	U		0.003	J		<0.0045	U		<0.0045	U	
		VMP-11-5-050118	5/1/2018	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U	
	8 ft	VMP-11-8-072617	7/26/2017	<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-11-8-110317	11/3/2017	<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-11-8-012918	1/29/2018	<0.0036	U		<0.0081	U		<0.0063	U		<0.0063	U		<0.0063	U		0.0033	J		<0.0043	U		<0.0043	U	
		VMP-11-8-050118	5/1/2018	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U	
	29 ft	VMP-11-29-072617	7/26/2017	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0019	J		<0.0048	U		<0.0048	U	
		VMP-11-29-110317	11/3/2017	<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-11-29-012918	1/29/2018	<0.0037	U		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0031	J		<0.0043	U		<0.0043	U	
		VMP-11-29-050118	5/1/2018	0.0016	J		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.002	J		<0.0052	U		<0.0052	U	
	38 ft	VMP-11-38-072617	7/26/2017	<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-11-38-110317	11/3/2017	<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-11-38-110317-DUP	11/3/2017	<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-11-38-012918	1/29/2018	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.003	J		<0.0044	U		<0.0044	U	
		VMP-11-38-050118	5/1/2018	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U	
VMP-12	5 ft	VMP-12-5-072817	7/28/2017	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0029	J		<0.0048	U		<0.0048	U	
		VMP-12-5-110217	11/2/2017	<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-12-5-013018	1/30/2018	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.003	J		<0.0044	U		<0.0044	U	
		VMP-12-5-043018	4/30/2018	<0.0039	U		<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0023	J		<0.0046	U		<0.0046	U	
	11.5 ft	VMP-12-11.5-072817	7/28/2017	<0.0043	U		<0.0097	U		0.00079	J		<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U		<0.0051	U	
		VMP-12-11.5-110217	11/2/2017	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		<0.0057	U		<0.0046	U		<0.0046	U	
		VMP-12-11.5-013018	1/30/2018	<0.0037	U		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0034	J		<0.0043	U		<0.0043	U	
		VMP-12-11.5-043018	4/30/2018	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		0.0034	J	
	25 ft	VMP-12-25-072817	7/28/2017	<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-12-25-110217	11/2/2017	<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-12-25-013018	1/30/2018	<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-12-25-043018	4/30/2018	<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-12-25-043018-DUP	4/30/2018	<0.0039	U		<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0021	J		<0.0046	U		<0.0046	U	
	39 ft	VMP-12-39-072817	7/28/2017	14		J	<2.3	U		<1.8	U		<1.8	U		<1.8	U		<1.5	U		<1.2	U		<1.2	U	
		VMP-12-39-072817-DUP	7/28/2017	20		J	<4.4	U		<3.4	U		<3.4	U		<3.4	U		<2.8	U		<2.3	U		<2.3	U	
		VMP-12-39-110217	11/2/2017	35			<9	U		<7	U		<7	U		<7	U		<5.8	U		<4.7	U		<4.7	U	
		VMP-12-39-110217-DUP	11/2/2017	31			<9	U		<7	U		<7	U		<7	U		<5.8	U		<4.7	U		<4.7	U	
		VMP-12-39-013018	1/30/2018	<0.39	U		<0.86	U		<0.68	U		<0.68	U		<0.68	U		<0.56	U		<0.46	U		<0.46	U	
		VMP-12-39-043018	4/30/2018	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	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	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-13-5-072717	7/27/2017	<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-13-5-103017	10/30/2017	<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-13-5-012918	1/29/2018	<0.0035	U		<0.0078	U		<0.0061	U		<0.0061	U		<0.0061	U		0.0031	J		<0.0041	U		<0.0041	U	
		VMP-13-5-033018	3/30/2018	<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-13-5-041018	4/10/2018	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0022	J		<0.0045	U		<0.0045	U	
	10.5 ft	VMP-13-10.5-072717	7/27/2017	<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-13-10.5-103017	10/30/2017	<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-13-10.5-012918	1/29/2018	<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-13-10.5-033018	3/30/2018	<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-13-10.5-041018	4/10/2018	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U	
	21.5 ft	VMP-13-21.5-072717	7/27/2017	<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-13-21.5-103017	10/30/2017	<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-13-21.5-012918	1/29/2018	<0.0037	U		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0031	J		<0.0043	U		<0.0043	U	
		VMP-13-21.5-033018	3/30/2018	<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-13-21.5-041018	4/10/2018	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0.0048	U	
	29.5 ft	VMP-13-29.5-072717	7/27/2017	<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-13-29.5-103017	10/30/2017	0.013			<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.003	J		<0.0048	U		<0.0048	U	
		VMP-13-29.5-012918	1/29/2018	0.0017	J		<0.0085	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0042	J		<0.0045	U		<0.0045	U	
		VMP-13-29.5-012918-DUP	1/29/2018	<0.0039	U		<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0029	J		<0.0046	U		<0.0046	U	
		VMP-13-29.5-033018	3/30/2018	<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-13-29.5-033018-DUP	3/30/2018	<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-13-29.5-041018	4/10/2018	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.003	J		<0.0051	U		<0.0051	U	
VMP-14	5 ft	VMP-14-5-071917	7/19/2017	<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-14-5-103017	10/30/2017	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0016	J		<0.0045	U		<0.0045	U	
		VMP-14-5-012518	1/25/2018	<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-14-5-041718	4/17/2018	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0031	J		<0.0052	U		<0.0052	U	
	11.5 ft	VMP-14-11.5-071917	7/19/2017	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U	
		VMP-14-11.5-103017	10/30/2017	<0.004	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0029	J		<0.0046	U		<0.0046	U	
		VMP-14-11.5-012518	1/25/2018	0.00096	J		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.003	J		<0.0046	U		<0.0046	U	
		VMP-14-11.5-041718	4/17/2018	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0031	J		<0.0052	U		<0.0052	U	
	20 ft	VMP-14-20-071917	7/19/2017	<0.044	U		<0.099	U		<0.077	U		<0.077	U		<0.077	U		<0.064	U		<0.052	U		<0.052	U	
		VMP-14-20-103017	10/30/2017	<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-14-20-012518	1/25/2018	<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-14-20-041718	4/17/2018	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0025	J		<0.0051	U		<0.0051	U	
	29 ft	VMP-14-29-103017	10/30/2017	<0.0039	U		<0.0086	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0031	J		<0.0046	U		<0.0046	U	
		VMP-14-29-012518	1/25/2018	0.0013	J		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0028	J		<0.0048	U		<0.0048	U	
		VMP-14-29-042718	4/27/2018	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U	
VMP-15	5 ft	VMP-15-5-072617	7/26/2017	<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-15-5-110217	11/2/2017	<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-15-5-013018	1/30/2018	<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-15-5-043018	4/30/2018	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0028	J		<0.0046	U		<0.0046	U	
	21.5 ft	VMP-15-21.5-072617	7/26/2017	<0.018	U		<0.04	U		<0.031	U		<0.031	U		<0.031	U		<0.025	U		<0.021	U		<0.021	U	
		VMP-15-21.5-110217	11/2/2017	<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-15-21.5-013018	1/30/2018	0.0012	J		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0022	J		<0.0047	U		<0.0047	U	
		VMP-15-21.5-043018	4/30/2018	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.002	J		<0.0049	U		<0.0049	U	
	25.5 ft	VMP-15-25.5-072617	7/26/2017	<0.072	U		<0.16	U		<0.12	U		<0.12	U		<0.12	U		<0.1	U		<0.085	U		<0.085	U	
		VMP-15-25.5-110217	11/2/2017	<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-15-25.5-013018	1/30/2018	<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-15-25.5-043018	4/30/2018	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.002	J		<0.0045	U		<0.0045	U	
	29 ft	VMP-15-29-013018	1/30/2018	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.0028	J		<0.0047	U		<0.0047	U	
		VMP-15-29-043018	4/30/2018	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0026	J		<0.0048	U		<0.0048	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-16-5-072817	7/28/2017	<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-16-5-110217	11/2/2017	<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-16-5-013018	1/30/2018	<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-16-5-043018	4/30/2018	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0021	J		<0.0048	U		<0.0048	U	
	13.5 ft	VMP-16-13.5-072817	7/28/2017	2.8			<1.8	U		<1.4	U		<1.4	U		<1.4	U		<1.2	U		<0.98	U		<0.98	U	
		VMP-16-13.5-110217	11/2/2017	3.9			<3.1	U		<2.4	U		<2.4	U		<2.4	U		<2	U		<1.6	U		<1.6	U	
		VMP-16-13.5-013018	1/30/2018	<0.72	U		<1.6	U		<1.3	U		<1.3	U		<1.3	U		<1	U		<0.85	U		<0.85	U	
		VMP-16-13.5-013018-DUP	1/30/2018	0.95			<1.6	U		<1.3	U		<1.3	U		<1.3	U		<1	U		<0.85	U		<0.85	U	
		VMP-16-13.5-043018	4/30/2018	4.4			<2.3	U		<1.8	U		<1.8	U		<1.8	U		<1.5	U		<1.2	U		<1.2	U	
	19 ft	VMP-16-19-072817	7/28/2017	46			<2	U		<1.6	U		<1.6	U		<1.6	U		<1.3	U		<1	U		<1	U	
		VMP-16-19-110217	11/2/2017	50			<3.1	U		<2.4	U		<2.4	U		<2.4	U		<2	U		<1.6	U		<1.6	U	
		VMP-16-19-013018	1/30/2018	39			<4.2	U		<3.3	U		<3.3	U		<3.3	U		<2.7	U		<2.2	U		<2.2	U	
		VMP-16-19-043018	4/30/2018	27			<6	U		<4.6	U		<4.6	U		<4.6	U		<3.8	U		<3.1	U		<3.1	U	
	31 ft	VMP-16-31-072817	7/28/2017	64			<2.4	U		<1.9	U		<1.9	U		<1.9	U		<1.6	U		<1.3	U		<1.3	U	
		VMP-16-31-110217	11/2/2017	81			<3	U		<2.3	U		<2.3	U		<2.3	U		<1.9	U		<1.6	U		<1.6	U	
		VMP-16-31-013018	1/30/2018	70			<2.8	U		<2.2	U		<2.2	U		<2.2	U		<1.8	U		<1.5	U		<1.5	U	
		VMP-16-31-043018	4/30/2018	48			<5.8	U		<4.5	U		<4.5	U		<4.5	U		<3.7	U		<3	U		<3	U	
VMP-17	5 ft	VMP-17-5-071917	7/19/2017	<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-17-5-110217	11/2/2017	0.0084			<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U	
		VMP-17-5-012418	1/24/2018	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.0031	J		<0.0047	U		<0.0047	U	
		VMP-17-5-042418	4/24/2018	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0034	J		<0.0048	U		<0.0048	U	
		VMP-17-5-042418-DUP	4/24/2018	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0034	J		<0.0048	U		<0.0048	U	
VMP-25	5 ft	VMP-25-5-080117	8/1/2017	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0016	J		<0.0044	U		<0.0044	U	
		VMP-25-5-110217	11/2/2017	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0019	J		<0.0046	U		<0.0046	U	
		VMP-25-5-013018	1/30/2018	0.02			<0.0078	U		<0.0061	U		<0.0061	U		<0.0061	U		0.0024	J		<0.0041	U		<0.0041	U	
		VMP-25-5-042618	4/26/2018	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.002	J		<0.005	U		<0.005	U	
	21 ft	VMP-25-21-080117	8/1/2017	0.0019	J		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0019	J		<0.0048	U		<0.0048	U	
		VMP-25-21-110217	11/2/2017	<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-25-21-013018	1/30/2018	0.0015	J		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.003	J		<0.0044	U		<0.0044	U	
		VMP-25-21-013018-DUP	1/30/2018	0.0012	J		<0.008	U		<0.0062	U		<0.0062	U		<0.0062	U		0.003	J		<0.0042	U		<0.0042	U	
		VMP-25-21-042618	4/26/2018	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.003	J		<0.0048	U		<0.0048	U	
	31 ft	VMP-25-31-080117	8/1/2017	86			<15	U		<11	U		<11	U		<11	U		<9.4	U		<7.7	U		<7.7	U	
		VMP-25-31-080117-DUP	8/1/2017	100			<16	U		<13	U		<13	U		<13	U		<11	U		<8.7	U		<8.7	U	
		VMP-25-31-110217	11/2/2017	190			<3.1	U		<2.4	U		<2.4	U		<2.4	U		<2	U		<1.6	U		<1.6	U	
		VMP-25-31-110217-DUP	11/2/2017	200			<2.9	U		<2.3	U		<2.3	U		<2.3	U		<1.9	U		<1.5	U		<1.5	U	
		VMP-25-31-013018	1/30/2018	210			<2.6	U		<2	U		<2	U		<2	U		<1.7	U		<1.4	U		<1.4	U	
		VMP-25-31-013018-DUP	1/30/2018	240			<2.7	U		<2.1	U		<2.1	U		<2.1	U		<1.8	U		<1.4	U		<1.4	U	
VMP-29	10 ft	VMP-29-10-072717	7/27/2017	<0.0081	U		<0.018	U		<0.014	U		<0.014	U		<0.014	U		0.0032	J		<0.0096	U		<0.0096	U	
		VMP-29-10-102717	10/27/2017	<0.0039	U		<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0027	J		<0.0046	U		<0.0046	U	
		VMP-29-10-012518	1/25/2018	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0031	J		<0.005	U		<0.005	U	
		VMP-29-10-041718	4/17/2018	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0032	J		<0.0047	U		<0.0047	U	
	18 ft	VMP-29-18-072717	7/27/2017	<0.0085	U		<0.019	U		<0.015	U		<0.015	U		<0.015	U		<0.012	U		<0.01	U		<0.01	U	
		VMP-29-18-102717	10/27/2017	<0.0039	U		<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0026	J		<0.0046	U		<0.0046	U	
		VMP-29-18-012518	1/25/2018	0.0011	J		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.003	J		<0.0048	U		<0.0048	U	
		VMP-29-18-041718	4/17/2018	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0032	J		<0.0045	U		<0.0045	U	
	26 ft	VMP-29-26-072717	7/27/2017	<0.027	U		<0.06	U		<0.047	U		<0.047	U		<0.047	U		<0.038	U		<0.032	U		<0.032	U	
		VMP-29-26-072717-DUP	7/27/2017	<0.025	U		<0.056	U		<0.044	U		<0.044	U		<0.044	U		<0.036	U		<0.03	U		<0.03	U	
		VMP-29-26-102717	10/27/2017	<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-29-26-102717-DUP	10/27/2017	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0029	J		<0.0044	U		<0.0044	U	
		VMP-29-26-012518	1/25/2018	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0032	J		<0.0047	U		<0.0047	U	
		VMP-29-26-041718	4/17/2018	<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-29-26-041718-DUP	4/17/2018	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0028	J		<0.0045	U		<0.0045	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-30	10 ft	VMP-30-10-072717	7/27/2017	<0.01	U		<0.023	U		<0.018	U		<0.018	U		<0.018	U		<0.015	U		<0.012	U		<0.012	U	
		VMP-30-10-102717	10/27/2017	<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-30-10-012518	1/25/2018	0.0012	J		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0029	J		<0.0044	U		<0.0044	U	
		VMP-30-10-041718	4/17/2018	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		0.00094	J		0.0028	J		<0.0048	U		<0.0048	U	
	18 ft	VMP-30-18-072717	7/27/2017	<0.033	U		<0.073	U		<0.057	U		<0.057	U		<0.057	U		<0.047	U		<0.038	U		<0.038	U	
		VMP-30-18-102717	10/27/2017	<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-30-18-012518	1/25/2018	0.0013	J		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0038	J		<0.0045	U		<0.0045	U	
		VMP-30-18-012518-DUP	1/25/2018	<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-30-18-041718	4/17/2018	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	J	U	0.0031	J		<0.005	U		<0.005	U	
	26 ft	VMP-30-26-072717	7/27/2017	<0.0083	U		<0.019	U		<0.014	U		<0.014	U		<0.014	U		0.0029	J		<0.0098	U		<0.0098	U	
		VMP-30-26-102717	10/27/2017	<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-30-26-012518	1/25/2018	0.0011	J		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0034	J		<0.0046	U		<0.0046	U	
		VMP-30-26-041718	4/17/2018	<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-41	10 ft	VMP-41-10-072717	7/27/2017	<0.004	U		<0.0089	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0028	J		<0.0047	U		<0.0047	U	
		VMP-41-10-102717	10/27/2017	<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-41-10-012418	1/24/2018	<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-41-10-042018	4/20/2018	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0028	J		<0.0046	U		<0.0046	U	
	20 ft	VMP-41-20-072717	7/27/2017	<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-41-20-102717	10/27/2017	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0026	J		<0.0046	U		<0.0046	U	
		VMP-41-20-012418	1/24/2018	<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-41-20-050118	5/1/2018	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0021	J		<0.0048	U		<0.0048	U	
	26 ft	VMP-41-26-072717	7/27/2017	<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-41-26-072717-DUP	7/27/2017	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U	
		VMP-41-26-102717	10/27/2017	<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-41-26-102717-DUP	10/27/2017	<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-41-26-012418	1/24/2018	0.00074	J		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0036	J		<0.0043	U		<0.0043	U	
		VMP-41-26-042018	4/20/2018	<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-41-26-042018-DUP	4/20/2018	<0.004	U		<0.0089	U		<0.0069	U		<0.0069	U		<0.0069	J	U	0.003	J		<0.0047	U		<0.0047	U	
VMP-55	5 ft	VMP-55-5-072617	7/26/2017	<0.0076	U		<0.017	U		<0.013	U		<0.013	U		<0.013	U		0.0028	J		<0.0089	U		<0.0089	U	
		VMP-55-5-110217	11/2/2017	0.00076	J		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.002	J		<0.0046	U		<0.0046	U	
		VMP-55-5-013018	1/30/2018	0.0011	J		<0.0085	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0023	J		<0.0045	U		<0.0045	U	
		VMP-55-5-043018	4/30/2018	<0.0044	U		<0.0098	U		0.0018	J		0.0019	J		<0.0076	J	U	0.003	J		<0.0051	U		<0.0051	U	
	20 ft	VMP-55-20-072617	7/26/2017	68		J	<0.48	U		<0.37	U		<0.37	U		<0.37	U		<0.31	U		<0.25	U		<0.25	U	
		VMP-55-20-110217	11/2/2017	200			<2.3	U		<1.8	U		<1.8	U		<1.8	U		<1.5	U		<1.2	U		<1.2	U	
		VMP-55-20-013018	1/30/2018	170		J	<0.94	U		<0.74	U		<0.74	U		<0.74	U		<0.61	U		<0.5	U		<0.5	U	
		VMP-55-20-043018	4/30/2018	270			<11	U		<9	U		<9	U		<9	U		<7.4	U		<6	U		<6	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	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-10-5-072717	7/27/2017	<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-10-5-103017	10/30/2017	<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-10-5-013118	1/31/2018	<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-10-5-042018	4/20/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	10 ft	VMP-10-10-072717	7/27/2017	<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-10-10-103017	10/30/2017	<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-10-10-013118	1/31/2018	<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-10-10-042018	4/20/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	20 ft	VMP-10-20-072717	7/27/2017	<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-10-20-103017	10/30/2017	<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-10-20-013118	1/31/2018	<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-10-20-042018	4/20/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
	30 ft	VMP-10-30-103017	10/30/2017	<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-10-30-103017-DUP	10/30/2017	<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-10-30-013118	1/31/2018	<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-10-30-013118-DUP	1/31/2018	<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-10-30-043018	4/30/2018	<0.0051	U		<0.0051	U		<0.0051	U		0.0034	J		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-10-30-043018-DUP	4/30/2018	<0.0049	U		<0.0049	U		<0.0049	U		0.0033	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
VMP-11	5 ft	VMP-11-5-072617	7/26/2017	<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-11-5-110317	11/3/2017	<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-11-5-012918	1/29/2018	<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-11-5-050118	5/1/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	8 ft	VMP-11-8-072617	7/26/2017	<0.0048	U		<0.0048	U		<0.0048	U		0.0016	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-11-8-110317	11/3/2017	<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-11-8-012918	1/29/2018	<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-11-8-050118	5/1/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	29 ft	VMP-11-29-072617	7/26/2017	<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-11-29-110317	11/3/2017	<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-11-29-012918	1/29/2018	<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-11-29-050118	5/1/2018	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
	38 ft	VMP-11-38-072617	7/26/2017	<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-11-38-110317	11/3/2017	<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-11-38-110317-DUP	11/3/2017	<0.0044	U		<0.0044	U		<0.0044	U		0.0055	J		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-11-38-012918	1/29/2018	<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-11-38-050118	5/1/2018	<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 ft	VMP-12-5-072817	7/28/2017	<0.0047	U		<0.0047	U		<0.0047	U		0.0029	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-12-5-110217	11/2/2017	<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-12-5-013018	1/30/2018	<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-12-5-043018	4/30/2018	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
	11.5 ft	VMP-12-11.5-072817	7/28/2017	<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-12-11.5-110217	11/2/2017	<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-12-11.5-013018	1/30/2018	<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-12-11.5-043018	4/30/2018	<0.0047	U		<0.0047	U		<0.0047	U		0.0058	J		0.0018	J		<0.0054	U		<0.0054	U		<0.017	U	
	25 ft	VMP-12-25-072817	7/28/2017	<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-12-25-110217	11/2/2017	<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-12-25-013018	1/30/2018	<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-12-25-043018	4/30/2018	<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-12-25-043018-DUP	4/30/2018	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
	39 ft	VMP-12-39-072817	7/28/2017	<1.2	U		<1.2	U		<1.2	U		<4.2	U		<1.4	U		<1.4	U		<1.4	U		<4.4	U	
		VMP-12-39-072817-DUP	7/28/2017	<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-12-39-110217	11/2/2017	<4.6	U		<4.6	U		<4.6	U		<16	U		<5.4	U		<5.3	U		<5.3	U		<17	U	
		VMP-12-39-110217-DUP	11/2/2017	<4.6	U		<4.6	U		<4.6	U		<16	U		<5.4	U		<5.3	U		<5.3	U		<17	U	
		VMP-12-39-013018	1/30/2018	<0.45	U		<0.45	U		<0.45	U		<1.6	U		<0.52	U		<0.51	U		<0.51	U		<1.6	U	
		VMP-12-39-043018	4/30/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	

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-13-5-072717	7/27/2017	<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-13-5-103017	10/30/2017	<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-13-5-012918	1/29/2018	<0.004	U		<0.004	U		<0.004	U		<0.035	U		<0.0047	U		<0.0046	U		<0.0046	U		<0.015	U	
		VMP-13-5-033018	3/30/2018	<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-13-5-041018	4/10/2018	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
	10.5 ft	VMP-13-10.5-072717	7/27/2017	<0.0045	U		<0.0045	U		<0.0045	U		0.0045	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-13-10.5-103017	10/30/2017	<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-13-10.5-012918	1/29/2018	<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-13-10.5-033018	3/30/2018	<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-13-10.5-041018	4/10/2018	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
	21.5 ft	VMP-13-21.5-072717	7/27/2017	<0.0046	U		<0.0046	U		<0.0046	U		0.0062	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
		VMP-13-21.5-103017	10/30/2017	<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-13-21.5-012918	1/29/2018	<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-13-21.5-033018	3/30/2018	<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-13-21.5-041018	4/10/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	29.5 ft	VMP-13-29.5-072717	7/27/2017	<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-13-29.5-103017	10/30/2017	<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-13-29.5-012918	1/29/2018	<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-13-29.5-012918-DUP	1/29/2018	<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-13-29.5-033018	3/30/2018	<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-13-29.5-033018-DUP	3/30/2018	<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-13-29.5-041018	4/10/2018	<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-14	5 ft	VMP-14-5-071917	7/19/2017	<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-14-5-103017	10/30/2017	<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-14-5-012518	1/25/2018	<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-14-5-041718	4/17/2018	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
	11.5 ft	VMP-14-11.5-071917	7/19/2017	<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-14-11.5-103017	10/30/2017	<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-14-11.5-012518	1/25/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		0.0016	J		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-14-11.5-041718	4/17/2018	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
	20 ft	VMP-14-20-071917	7/19/2017	<0.051	U		<0.051	U		<0.051	U		<0.18	U		<0.059	U		<0.058	U		<0.058	U		<0.18	ND,UJ	UJ
		VMP-14-20-103017	10/30/2017	<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-14-20-012518	1/25/2018	<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-14-20-041718	4/17/2018	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	29 ft	VMP-14-29-103017	10/30/2017	<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-14-29-012518	1/25/2018	<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-14-29-042718	4/27/2018	<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	5 ft	VMP-15-5-072617	7/26/2017	<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-15-5-110217	11/2/2017	<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-15-5-013018	1/30/2018	<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-15-5-043018	4/30/2018	<0.0045	U		<0.0045	U		<0.0045	U		0.0033	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
	21.5 ft	VMP-15-21.5-072617	7/26/2017	<0.02	U		<0.02	U		<0.02	U		<0.18	U		<0.024	U		<0.023	U		<0.023	U		<0.074	U	
		VMP-15-21.5-110217	11/2/2017	<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-15-21.5-013018	1/30/2018	<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-15-21.5-043018	4/30/2018	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	25.5 ft	VMP-15-25.5-072617	7/26/2017	<0.083	U		<0.083	U		<0.083	U		<0.73	U		<0.097	U		<0.095	U		<0.095	U		<0.3	U	
		VMP-15-25.5-110217	11/2/2017	<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-15-25.5-013018	1/30/2018	<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-15-25.5-043018	4/30/2018	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
	29 ft	VMP-15-29-013018	1/30/2018	<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-15-29-043018	4/30/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	

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-16-5-072817	7/28/2017	<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-16-5-110217	11/2/2017	<0.0047	U		<0.0047	U		<0.0047	U		0.0029	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-16-5-013018	1/30/2018	<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-16-5-043018	4/30/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	13.5 ft	VMP-16-13.5-072817	7/28/2017	<0.96	U		<0.96	U		<0.96	U		<3.4	U		<1.1	U		<1.1	U		<1.1	U		<3.5	U	
		VMP-16-13.5-110217	11/2/2017	<1.6	U		<1.6	U		<1.6	U		<5.6	U		<1.9	U		<1.8	U		<1.8	U		<5.8	U	
		VMP-16-13.5-013018	1/30/2018	<0.83	U		<0.83	U		<0.83	U		<2.9	U		<0.97	U		<0.95	U		<0.95	U		<3	U	
		VMP-16-13.5-013018-DUP	1/30/2018	<0.83	U		<0.83	U		<0.83	U		<2.9	U		<0.97	U		<0.95	U		<0.95	U		<3	U	
		VMP-16-13.5-043018	4/30/2018	<1.2	U		<1.2	U		<1.2	U		<4.2	U		<1.4	U		<1.4	U		<1.4	U		<4.4	U	
	19 ft	VMP-16-19-072817	7/28/2017	<1	U		<1	U		<1	U		<3.6	U		<1.2	U		<1.2	U		<1.2	U		<3.7	U	
		VMP-16-19-110217	11/2/2017	<1.6	U		<1.6	U		<1.6	U		<5.6	U		<1.9	U		<1.8	U		<1.8	U		<5.8	U	
		VMP-16-19-013018	1/30/2018	<2.2	U		<2.2	U		<2.2	U		<7.6	U		<2.5	U		<2.5	U		<2.5	U		<7.8	U	
		VMP-16-19-043018	4/30/2018	<3.1	U		<3.1	U		<3.1	U		<11	U		<3.6	U		<3.5	U		<3.5	U		<11	U	
	31 ft	VMP-16-31-072817	7/28/2017	<1.2	U		<1.2	U		<1.2	U		<4.4	U		<1.4	U		<1.4	U		<1.4	U		<4.5	U	
		VMP-16-31-110217	11/2/2017	<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-16-31-013018	1/30/2018	<1.4	U		<1.4	U		<1.4	U		<5	U		<1.7	U		<1.6	U		<1.6	U		<5.2	U	
		VMP-16-31-043018	4/30/2018	<3	U		<3	U		<3	U		<10	U		<3.5	U		<3.4	U		<3.4	U		<11	U	
VMP-17	5 ft	VMP-17-5-071917	7/19/2017	<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-17-5-110217	11/2/2017	<0.0049	U		<0.0049	U		<0.0049	U		0.0042	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-17-5-012418	1/24/2018	<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-17-5-042418	4/24/2018	<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-17-5-042418-DUP	4/24/2018	<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-25	5 ft	VMP-25-5-080117	8/1/2017	<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-25-5-110217	11/2/2017	<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-25-5-013018	1/30/2018	<0.004	U		<0.004	U		<0.004	U		<0.035	U		<0.0047	U		<0.0046	U		<0.0046	U		<0.015	U	
		VMP-25-5-042618	4/26/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	21 ft	VMP-25-21-080117	8/1/2017	<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-25-21-110217	11/2/2017	<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-25-21-013018	1/30/2018	<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-25-21-013018-DUP	1/30/2018	<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-25-21-042618	4/26/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	31 ft	VMP-25-31-080117	8/1/2017	<7.5	U		<7.5	U		<7.5	U		<66	U		<8.8	U		<8.6	U		<8.6	U		<27	U	
		VMP-25-31-080117-DUP	8/1/2017	<8.5	U		<8.5	U		<8.5	U		<75	U		<9.9	U		<9.8	U		<9.8	U		<31	U	
		VMP-25-31-110217	11/2/2017	<1.6	U		<1.6	U		<1.6	U		<5.6	U		<1.9	U		<1.8	U		<1.8	U		<5.8	U	
		VMP-25-31-110217-DUP	11/2/2017	<1.5	U		<1.5	U		<1.5	U		<5.3	U		<1.8	U		<1.7	U		<1.7	U		<5.5	U	
		VMP-25-31-013018	1/30/2018	<1.3	U		<1.3	U		<1.3	U		<4.7	U		<1.6	U		<1.5	U		<1.5	U		<4.9	U	
		VMP-25-31-013018-DUP	1/30/2018	<1.4	U		<1.4	U		<1.4	U		<4.9	U		<1.6	U		<1.6	U		<1.6	U		<5.1	U	
VMP-29	10 ft	VMP-29-10-072717	7/27/2017	<0.0094	U		<0.0094	U		<0.0094	U		<0.082	U		<0.011	U		<0.011	U		<0.011	U		<0.034	U	
		VMP-29-10-102717	10/27/2017	<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-29-10-012518	1/25/2018	<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-29-10-041718	4/17/2018	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	18 ft	VMP-29-18-072717	7/27/2017	<0.0098	U		<0.0098	U		<0.0098	U		<0.086	U		<0.011	U		<0.011	U		<0.011	U		<0.036	U	
		VMP-29-18-102717	10/27/2017	<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-29-18-012518	1/25/2018	<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-29-18-041718	4/17/2018	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
	26 ft	VMP-29-26-072717	7/27/2017	<0.031	U		<0.031	U		<0.031	U		<0.27	U		<0.036	U		<0.035	U		<0.035	U		<0.11	U	
		VMP-29-26-072717-DUP	7/27/2017	<0.029	U		<0.029	U		<0.029	U		<0.26	U		<0.034	U		<0.033	U		<0.033	U		<0.1	U	
		VMP-29-26-102717	10/27/2017	<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-29-26-102717-DUP	10/27/2017	<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-29-26-012518	1/25/2018	<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-29-26-041718	4/17/2018	<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-29-26-041718-DUP	4/17/2018	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	

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-30	10 ft	VMP-30-10-072717	7/27/2017	<0.012	U		<0.012	U		<0.012	U		<0.1	U		<0.014	U		<0.014	U		<0.014	U		<0.044	U	
		VMP-30-10-102717	10/27/2017	<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-30-10-012518	1/25/2018	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		0.0014	J		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-30-10-041718	4/17/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
	18 ft	VMP-30-18-072717	7/27/2017	<0.038	U		<0.038	U		<0.038	U		<0.33	U		<0.044	U		<0.043	U		<0.043	U		<0.14	U	
		VMP-30-18-102717	10/27/2017	<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-30-18-012518	1/25/2018	<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-30-18-012518-DUP	1/25/2018	<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-30-18-041718	4/17/2018	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	26 ft	VMP-30-26-072717	7/27/2017	<0.0096	U		<0.0096	U		<0.0096	U		<0.084	U		<0.011	U		<0.011	U		<0.011	U		<0.035	U	
		VMP-30-26-102717	10/27/2017	<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-30-26-012518	1/25/2018	<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-30-26-041718	4/17/2018	<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-41	10 ft	VMP-41-10-072717	7/27/2017	<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-41-10-102717	10/27/2017	<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-41-10-012418	1/24/2018	<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-41-10-042018	4/20/2018	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
	20 ft	VMP-41-20-072717	7/27/2017	<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-41-20-102717	10/27/2017	<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-41-20-012418	1/24/2018	<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-41-20-050118	5/1/2018	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	26 ft	VMP-41-26-072717	7/27/2017	<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-41-26-072717-DUP	7/27/2017	<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-41-26-102717	10/27/2017	<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-41-26-102717-DUP	10/27/2017	<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-41-26-012418	1/24/2018	<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-41-26-042018	4/20/2018	<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-41-26-042018-DUP	4/20/2018	<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-55	5 ft	VMP-55-5-072617	7/26/2017	<0.0087	U		<0.0087	U		<0.0087	U		0.0079	J		<0.01	U		<0.01	U		<0.01	U		<0.032	U	
		VMP-55-5-110217	11/2/2017	<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-55-5-013018	1/30/2018	<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-55-5-043018	4/30/2018	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
	20 ft	VMP-55-20-072617	7/26/2017	<0.24	U		<0.24	U		<0.24	U		<0.86	U		<0.29	U		<0.28	U		<0.28	U		<0.89	U	UJ
		VMP-55-20-110217	11/2/2017	<1.2	U		<1.2	U		<1.2	U		<4.1	U		1.2	J		<1.4	U		<1.4	U		<4.3	U	
		VMP-55-20-013018	1/30/2018	<0.49	U		<0.49	U		<0.49	U		<1.7	U		<0.57	U		<0.56	U		<0.56	U		<1.8	U	
		VMP-55-20-043018	4/30/2018	<5.9	U		<5.9	U		<5.9	U		11	J		<6.9	U		<6.8	U		<6.8	U		<21	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-10	5 ft	VMP-10-5-072717	7/27/2017	<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-10-5-103017	10/30/2017	<0.0087		U	0.0013	J		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-10-5-013118	1/31/2018	0.0089			<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-10-5-042018	4/20/2018	0.024			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		<0.0041	U	
	10 ft	VMP-10-10-072717	7/27/2017	<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-10-10-103017	10/30/2017	<0.0084		U	<0.0048	U		<0.0054	U		<0.0085	U		<0.0078	U		0.0031	J		<0.047	U		0.0038	J	
		VMP-10-10-013118	1/31/2018	0.0035	J		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-10-10-042018	4/20/2018	<0.0087	U		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		<0.0041	U	
	20 ft	VMP-10-20-072717	7/27/2017	<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-10-20-103017	10/30/2017	<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-10-20-013118	1/31/2018	0.0097			<0.0049	U		<0.0056	U		<0.0087	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-10-20-042018	4/20/2018	<0.0094	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
	30 ft	VMP-10-30-103017	10/30/2017	0.017			<0.0047	U		0.0013	J		<0.0082	U		<0.0075	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-10-30-103017-DUP	10/30/2017	<0.011		U	<0.0046	U		<0.0052	U		<0.0081	U		<0.0074	U		0.0065			<0.045	U		0.007		
		VMP-10-30-013118	1/31/2018	0.022			<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		0.0025	J		<0.05	U		0.0048		
		VMP-10-30-013118-DUP	1/31/2018	0.02			<0.0046	U		<0.0052	U		<0.0081	U		<0.0074	U		0.0022	J		<0.045	U		0.0047		
		VMP-10-30-043018	4/30/2018	<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-10-30-043018-DUP	4/30/2018	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		0.0029	J		<0.053	U		0.0024	J	
VMP-11	5 ft	VMP-11-5-072617	7/26/2017	0.006	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-11-5-110317	11/3/2017	0.025			<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-11-5-012918	1/29/2018	0.02			<0.0048	U		<0.0054	U		<0.0085	U		<0.0078	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-11-5-050118	5/1/2018	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
	8 ft	VMP-11-8-072617	7/26/2017	0.0046	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		0.0005	J	
		VMP-11-8-110317	11/3/2017	0.055			<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-11-8-012918	1/29/2018	0.012			<0.0046	U		<0.0052	U		<0.0081	U		<0.0074	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-11-8-050118	5/1/2018	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
	29 ft	VMP-11-29-072617	7/26/2017	0.0045	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-11-29-110317	11/3/2017	<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-11-29-012918	1/29/2018	0.004	J		<0.0046	U		<0.0053	U		<0.0082	U		<0.0075	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-11-29-050118	5/1/2018	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
	38 ft	VMP-11-38-072617	7/26/2017	0.007	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.0011	J	
		VMP-11-38-110317	11/3/2017	0.0041	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		0.0024	J	
		VMP-11-38-110317-DUP	11/3/2017	0.017			<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		0.0024	J	
		VMP-11-38-012918	1/29/2018	0.023			<0.0047	U		<0.0054	U		<0.0084	U		<0.0076	U		0.0022	J		<0.046	U		<0.0038	U	
		VMP-11-38-050118	5/1/2018	<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-12	5 ft	VMP-12-5-072817	7/28/2017	0.0094			0.011			0.0033	J		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		0.0015	J	
		VMP-12-5-110217	11/2/2017	0.011			0.02			0.007		J	<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-12-5-013018	1/30/2018	<0.0083	U		0.0018	J		0.0062			<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-12-5-043018	4/30/2018	<0.0086	U		<0.0049	U		<0.0056	U		<0.0087	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
	11.5 ft	VMP-12-11.5-072817	7/28/2017	0.0087	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-12-11.5-110217	11/2/2017	0.0073	J		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-12-11.5-013018	1/30/2018	<0.008	U		0.00079	J		0.077			<0.0082	U		<0.0074	U		<0.0044	U		<0.045	U		<0.0038	U	
		VMP-12-11.5-043018	4/30/2018	0.012			<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		0.0024	J	
	25 ft	VMP-12-25-072817	7/28/2017	<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-12-25-110217	11/2/2017	0.013			<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-12-25-013018	1/30/2018	<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-12-25-043018	4/30/2018	<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-12-25-043018-DUP	4/30/2018	<0.0086	U		<0.0049	U		<0.0056	U		<0.0087	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
	39 ft	VMP-12-39-072817	7/28/2017	<2.3	U		<1.3	U		0.2	J		<2.3	U		<2.1	U		3.4			<13	U		18		J
		VMP-12-39-072817-DUP	7/28/2017	<4.3	U		<2.5	U		<2.8	U		<4.4	U		<4	U		4.9			<24	U		29		J
		VMP-12-39-110217	11/2/2017	<8.8	U		<5	U		<5.7	U		<8.9	U		<8.1	U		11			<50	U		60		
		VMP-12-39-110217-DUP	11/2/2017	<8.8	U		<5	U		<5.7	U		<8.9	U		<8.1	U		12			<50	U		61		
		VMP-12-39-013018	1/30/2018	<0.85	U		<0.49	U		<0.55	U		<0.86	U		<0.79	U		<0.46	U		<4.8	U		0.63		
		VMP-12-39-043018	4/30/2018	<0.0092	U		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	

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-13-5-072717	7/27/2017	0.018			<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-13-5-103017	10/30/2017	0.014			<0.0049	U		<0.0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-13-5-012918	1/29/2018	0.016			<0.0044	U		<0.005	U		<0.0078	U		<0.0071	U		<0.0042	U		<0.043	U		<0.0036	U	
		VMP-13-5-033018	3/30/2018	0.014			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		0.002	J		<0.05	U		0.0021	J	
		VMP-13-5-041018	4/10/2018	0.006	J		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		0.00063	J	
	10.5 ft	VMP-13-10.5-072717	7/27/2017	0.023			<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-13-10.5-103017	10/30/2017	0.015			<0.0049	U		<0.0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-13-10.5-012918	1/29/2018	0.028			<0.0048	U		<0.0054	U		<0.0085	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-13-10.5-033018	3/30/2018	0.0058	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		0.00077	J		<0.051	U		<0.0042	U	
		VMP-13-10.5-041018	4/10/2018	0.01			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.001	J		<0.056	U		0.00061	J	
	21.5 ft	VMP-13-21.5-072717	7/27/2017	0.0064	J		<0.005	U		<0.0057	U		<0.0088	U		<0.0081	U		<0.0047	U		<0.049	U		0.0018	J	
		VMP-13-21.5-103017	10/30/2017	0.0068	J		<0.0048	U		<0.0055	U		<0.0085	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-13-21.5-012918	1/29/2018	0.015			<0.0046	U		<0.0053	U		<0.0082	U		<0.0075	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-13-21.5-033018	3/30/2018	0.023			<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		0.0022	J		<0.051	U		0.0028	J	
		VMP-13-21.5-041018	4/10/2018	0.012			<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		0.0016	J		<0.051	U		0.0022	J	
	29.5 ft	VMP-13-29.5-072717	7/27/2017	0.014			<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-13-29.5-103017	10/30/2017	<0.009	U		0.0029	J		0.0016	J		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-13-29.5-012918	1/29/2018	0.011			<0.0048	U		<0.0054	U		<0.0085	U		<0.0077	U		0.0018	J		<0.047	U		<0.0039	U	
		VMP-13-29.5-012918-DUP	1/29/2018	0.0062	J		<0.0049	U		<0.0056	U		<0.0087	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-13-29.5-033018	3/30/2018	0.0087	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		0.0012	J		<0.05	U		0.0016	J	
		VMP-13-29.5-033018-DUP	3/30/2018	0.011			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		0.0014	J		<0.052	U		0.0015	J	
		VMP-13-29.5-041018	4/10/2018	0.0055	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		0.0016	J	
VMP-14	5 ft	VMP-14-5-071917	7/19/2017	0.013			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-14-5-103017	10/30/2017	<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-14-5-012518	1/25/2018	0.0031	J		<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0.0042	U	
		VMP-14-5-041718	4/17/2018	0.0091	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
	11.5 ft	VMP-14-11.5-071917	7/19/2017	0.023			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-14-11.5-103017	10/30/2017	<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-14-11.5-012518	1/25/2018	0.028			0.00099	J		<0.0056	U		<0.0088	U		<0.008	U		0.0038	J		<0.049	U		<0.004	U	
		VMP-14-11.5-041718	4/17/2018	0.021			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
	20 ft	VMP-14-20-071917	7/19/2017	<0.097	U		<0.056	U		<0.063	U		<0.098	U		<0.09	U		<0.053	U		<0.55	U		<0.045	U	
		VMP-14-20-103017	10/30/2017	<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-14-20-012518	1/25/2018	<0.0092	U		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		0.0024	J		<0.052	U		0.0027	J	
		VMP-14-20-041718	4/17/2018	0.014			<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0.0044	U	
	29 ft	VMP-14-29-103017	10/30/2017	0.0094			<0.0049	U		<0.0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-14-29-012518	1/25/2018	0.0076	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		0.0022	J		<0.051	U		<0.0042	U	
		VMP-14-29-042718	4/27/2018	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.0015	J		<0.055	U		<0.0045	U	
VMP-15	5 ft	VMP-15-5-072617	7/26/2017	0.0091	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-15-5-110217	11/2/2017	<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-15-5-013018	1/30/2018	<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-15-5-043018	4/30/2018	0.025			<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
	21.5 ft	VMP-15-21.5-072617	7/26/2017	<0.039	U		<0.022	U		<0.025	U		<0.039	U		<0.036	U		<0.021	U		<0.22	U		0.027		
		VMP-15-21.5-110217	11/2/2017	<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-15-21.5-013018	1/30/2018	0.063			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		0.0012	J	
		VMP-15-21.5-043018	4/30/2018	<0.0091	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
	25.5 ft	VMP-15-25.5-072617	7/26/2017	<0.16	U		<0.091	U		<0.1	U		<0.16	U		<0.15	U		<0.086	U		<0.89	U		<0.074	U	
		VMP-15-25.5-110217	11/2/2017	<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-15-25.5-013018	1/30/2018	0.057			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		<0.0041	U	
		VMP-15-25.5-043018	4/30/2018	<0.0084	U		<0.0048	U		<0.0055	U		<0.0085	U		<0.0078	U		0.0011	J		<0.048	U		<0.0039	U	
	29 ft	VMP-15-29-013018	1/30/2018	<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-15-29-043018	4/30/2018	<0.0089	U		<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0.0042	U	

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-16	5 ft	VMP-16-5-072817	7/28/2017	<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-16-5-110217	11/2/2017	<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-16-5-013018	1/30/2018	0.0029	J		<0.0048	U		<0.0055	U		<0.0085	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-16-5-043018	4/30/2018	0.012			<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
	13.5 ft	VMP-16-13.5-072817	7/28/2017	<1.8	U		<1	U		<1.2	U		<1.8	U		<1.7	U		0.59	J		<10	U		0.25	J	
		VMP-16-13.5-110217	11/2/2017	<3	U		<1.8	U		<2	U		<3.1	U		<2.8	U		0.57	J		<17	U		0.6	J	
		VMP-16-13.5-013018	1/30/2018	<1.6	U		<0.91	U		<1	U		<1.6	U		<1.5	U		<0.86	U		<9	U		<0.74	U	
		VMP-16-13.5-013018-DUP	1/30/2018	<1.6	U		<0.91	U		<1	U		<1.6	U		<1.5	U		<0.86	U		<9	U		<0.74	U	
		VMP-16-13.5-043018	4/30/2018	<2.3	U		<1.3	U		<1.5	U		<2.3	U		<2.1	U		<1.2	U		<13	U		0.91	J	
	19 ft	VMP-16-19-072817	7/28/2017	<1.9	U		13			27			<2	U		<1.8	U		4.4			<11	U		4.2		
		VMP-16-19-110217	11/2/2017	<3	U		14			30			<3.1	U		<2.8	U		4.9			<17	U		4.3		
		VMP-16-19-013018	1/30/2018	<4.1	U		12			23			<4.2	U		<3.8	U		3.6			<23	U		3.1		
		VMP-16-19-043018	4/30/2018	<5.8	U		5.1			15			<5.9	U		<5.4	U		<3.2	U		<33	U		3.4		
	31 ft	VMP-16-31-072817	7/28/2017	<2.4	U		4.7			24			<2.4	U		<2.2	U		2.3			<13	U		2.6		
		VMP-16-31-110217	11/2/2017	<2.9	U		5.7			27			<3	U		<2.7	U		2.9			<16	U		3		
		VMP-16-31-013018	1/30/2018	<2.7	U		5.2			17			<2.8	U		<2.5	U		2.2			<16	U		2.8		
		VMP-16-31-043018	4/30/2018	<5.6	U		2.7	J		16			<5.7	U		<5.2	U		<3.1	U		<32	U		<2.6	U	
VMP-17	5 ft	VMP-17-5-071917	7/19/2017	0.01			<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-17-5-110217	11/2/2017	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		0.0076			<0.053	U		0.018		
		VMP-17-5-012418	1/24/2018	0.0062	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		0.0031	J		<0.049	U		0.003	J	
		VMP-17-5-042418	4/24/2018	<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-17-5-042418-DUP	4/24/2018	<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-25	5 ft	VMP-25-5-080117	8/1/2017	0.081			<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-25-5-110217	11/2/2017	0.0085	J		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-25-5-013018	1/30/2018	<0.0076	U		<0.0044	U		0.0099			<0.0078	U		<0.0071	U		0.014			<0.043	U		0.0094		
		VMP-25-5-042618	4/26/2018	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
	21 ft	VMP-25-21-080117	8/1/2017	0.031			<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		0.0069		
		VMP-25-21-110217	11/2/2017	0.0076	J		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-25-21-013018	1/30/2018	<0.0082	U		<0.0047	U		0.0015	J		<0.0084	U		<0.0076	U		0.0019	J		<0.046	U		0.0034	J	
		VMP-25-21-013018-DUP	1/30/2018	0.0022	J		<0.0045	U		<0.0051	U		<0.0079	U		<0.0072	U		0.0017	J		<0.044	U		0.0032	J	
		VMP-25-21-042618	4/26/2018	<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
	31 ft	VMP-25-31-080117	8/1/2017	33	CN	J	<8.2	U		<9.3	U		<14	U		<13	U		28			<81	U		87		
		VMP-25-31-080117-DUP	8/1/2017	52	CN	J	<9.3	U		<10	U		<16	U		<15	U		32			<92	U		98		
		VMP-25-31-110217	11/2/2017	<3	U		<1.8	U		0.45	J		<3.1	U		<2.8	U		50			<17	U		180		
		VMP-25-31-110217-DUP	11/2/2017	<2.9	U		<1.6	U		0.45	J		<2.9	U		<2.7	U		50			<16	U		190		
		VMP-25-31-013018	1/30/2018	<2.6	U		<1.5	U		0.22	J		<2.6	U		<2.4	U		57			<14	U		200		
		VMP-25-31-013018-DUP	1/30/2018	<2.7	U		<1.5	U		0.37	J		<2.7	U		<2.5	U		67			<15	U		230		
VMP-29	10 ft	VMP-29-10-072717	7/27/2017	<0.018	U		<0.01	U		<0.012	U		<0.018	U		<0.016	U		<0.0097	U		<0.1	U		<0.0083	U	
		VMP-29-10-102717	10/27/2017	<0.0086	U		0.014			0.0056			<0.0087	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-29-10-012518	1/25/2018	0.005	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-29-10-041718	4/17/2018	0.021			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
	18 ft	VMP-29-18-072717	7/27/2017	0.096			0.017			0.0087	J		<0.019	U		<0.017	U		<0.01	U		<0.1	U		0.004	J	
		VMP-29-18-102717	10/27/2017	0.01			0.022			0.0082			<0.0087	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-29-18-012518	1/25/2018	0.0071	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		0.0016	J		<0.05	U		<0.0042	U	
		VMP-29-18-041718	4/17/2018	0.0077	J		<0.0048	U		<0.0055	U		<0.0085	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
	26 ft	VMP-29-26-072717	7/27/2017	<0.059	U		<0.034	U		<0.038	U		<0.06	U		<0.054	U		<0.032	U		<0.33	U		0.013	J	
		VMP-29-26-072717-DUP	7/27/2017	<0.055	U		<0.032	U		<0.036	U		<0.056	U		<0.051	U		<0.03	U		<0.31	U		0.01	J	
		VMP-29-26-102717	10/27/2017	<0.0084	U		0.004	J		0.01			<0.0085	U		<0.0078	U		<0.0046	U		<0.048	U		0.003	J	
		VMP-29-26-102717-DUP	10/27/2017	0.0078	J		0.0023	J		0.0052	J		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		0.0021	J	
		VMP-29-26-012518	1/25/2018	0.0042	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-29-26-041718	4/17/2018	0.0091	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-29-26-041718-DUP	4/17/2018	0.0098			<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	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-30	10 ft	VMP-30-10-072717	7/27/2017	<0.023	U		<0.013	U		<0.015	U		<0.023	U		<0.021	U		<0.012	U		<0.13	U		0.006	J	
		VMP-30-10-102717	10/27/2017	<0.0087	U		0.012			0.0062			<0.0088	U		<0.0081	U		<0.0047	U		<0.049	U		<0.0041	U	
		VMP-30-10-012518	1/25/2018	0.0099			<0.0047	U		<0.0053	U		<0.0083	U		<0.0076	U		0.003	J		<0.046	U		<0.0038	U	
		VMP-30-10-041718	4/17/2018	0.0072	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0042	U	
	18 ft	VMP-30-18-072717	7/27/2017	<0.072	U		<0.041	U		<0.047	U		<0.073	U		<0.066	U		<0.039	U		<0.4	U		<0.033	U	
		VMP-30-18-102717	10/27/2017	<0.0091	U		0.0092			0.006			<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-30-18-012518	1/25/2018	0.0099			<0.0048	U		<0.0055	U		<0.0085	U		<0.0078	U		0.0022	J		<0.048	U		<0.0039	U	
		VMP-30-18-012518-DUP	1/25/2018	0.0043	J		<0.0048	U		<0.0055	U		<0.0085	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-30-18-041718	4/17/2018	0.012			<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
	26 ft	VMP-30-26-072717	7/27/2017	<0.018	U		<0.01	U		<0.012	U		<0.018	U		<0.017	U		<0.0099	U		<0.1	U		<0.0085	U	
		VMP-30-26-102717	10/27/2017	<0.0085	U		0.024			0.014			<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-30-26-012518	1/25/2018	0.0069	J		<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		0.0013	J		<0.048	U		0.0028	J	
		VMP-30-26-041718	4/17/2018	<0.0093	U		0.0022	J		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
VMP-41	10 ft	VMP-41-10-072717	7/27/2017	0.031			<0.005	U		<0.0057	U		<0.0088	U		<0.0081	U		<0.0047	U		<0.049	U		<0.0041	U	
		VMP-41-10-102717	10/27/2017	<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-41-10-012418	1/24/2018	0.0048	J		<0.0048	U		<0.0055	U		<0.0085	U		<0.0078	U		<0.0046	U		<0.048	U		0.0014	J	
		VMP-41-10-042018	4/20/2018	0.022			<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
	20 ft	VMP-41-20-072717	7/27/2017	0.028			<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-41-20-102717	10/27/2017	<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-41-20-012418	1/24/2018	0.0059	J		<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-41-20-050118	5/1/2018	0.0045	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
	26 ft	VMP-41-26-072717	7/27/2017	0.019			<0.0048	U		<0.0055	U		<0.0085	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-41-26-072717-DUP	7/27/2017	0.015			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-41-26-102717	10/27/2017	<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-41-26-102717-DUP	10/27/2017	<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-41-26-012418	1/24/2018	0.0073	J		<0.0046	U		<0.0052	U		<0.0082	U		<0.0074	U		0.0014	J		<0.045	U		<0.0038	U	
		VMP-41-26-042018	4/20/2018	<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-41-26-042018-DUP	4/20/2018	0.0049	J		<0.005	U		<0.0057	U		<0.0088	U		<0.0081	U		<0.0047	U		<0.049	U		<0.0041	U	
VMP-55	5 ft	VMP-55-5-072617	7/26/2017	0.0085	J		0.023			0.0061	J		<0.017	U		<0.015	U		0.0026	J		<0.094	U		0.0025	J	
		VMP-55-5-110217	11/2/2017	0.011			<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		0.0012	J		<0.049	U		<0.004	U	
		VMP-55-5-013018	1/30/2018	<0.0083	U		<0.0048	U		<0.0054	U		<0.0085	U		<0.0077	U		0.0015	J		<0.047	U		0.0029	J	
		VMP-55-5-043018	4/30/2018	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
	20 ft	VMP-55-20-072617	7/26/2017	<0.47	U		<0.27	U		<0.3	U		<0.48	U		<0.43	U		28		J	<2.6	U		45		J
		VMP-55-20-110217	11/2/2017	<2.2	U		<1.3	U		<1.5	U		<2.3	U		<2.1	U		82			<13	U		140		
		VMP-55-20-013018	1/30/2018	<0.93	U		<0.53	U		<0.6	U		<0.94	U		<0.86	U		29		J	<5.2	U		77		J
		VMP-55-20-043018	4/30/2018	<11	U		<6.5	U		<7.3	U		<11	U		<10	U		160			<64	U		340		

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)			Naphthalene			2-Propanol			n-Propylbenzene		
										3500						24000			0.75								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-10-5-072717	7/27/2017	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U					0.02			<0.0056	U	
		VMP-10-5-103017	10/30/2017	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U					<0.011	U		<0.0055	U	
		VMP-10-5-013118	1/31/2018	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U					0.0029	J		<0.0054	U	
		VMP-10-5-042018	4/20/2018	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U					<0.011	U		<0.0057	U	
	10 ft	VMP-10-10-072717	7/27/2017	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U					0.0024	J		<0.006	U	
		VMP-10-10-103017	10/30/2017	<0.018	U		0.0024	J		<0.0054	U		<0.0045	U		<0.016	U					<0.011	U		<0.0054	U	
		VMP-10-10-013118	1/31/2018	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U					<0.011	U		<0.0056	U	
		VMP-10-10-042018	4/20/2018	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U					<0.011	U		<0.0057	U	
	20 ft	VMP-10-20-072717	7/27/2017	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U					<0.012	U		<0.006	U	
		VMP-10-20-103017	10/30/2017	<0.017	U		<0.012	U		<0.0052	U		<0.0044	U		<0.015	U					<0.01	U		<0.0052	U	
		VMP-10-20-013118	1/31/2018	<0.019	U		<0.013	U		<0.0056	U		<0.0047	U		<0.016	U					0.0016	J		<0.0056	U	
		VMP-10-20-042018	4/20/2018	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U					<0.012	U		<0.0061	U	
	30 ft	VMP-10-30-103017	10/30/2017	<0.018	U		0.0061	J		<0.0053	U		<0.0044	U		<0.016	U					<0.01	U		<0.0053	U	
		VMP-10-30-103017-DUP	10/30/2017	<0.017	U		0.013			<0.0052	U		<0.0043	U		<0.015	U					<0.01	U		<0.0052	U	
		VMP-10-30-013118	1/31/2018	<0.019	U		0.0094	J		<0.0058	U		<0.0048	U		<0.017	U					0.0024	J		<0.0058	U	
		VMP-10-30-013118-DUP	1/31/2018	<0.017	U		0.0083	J		<0.0052	U		<0.0043	U		<0.015	U					0.0027	J		<0.0052	U	
		VMP-10-30-043018	4/30/2018	<0.021	U		0.044			<0.0063	U		<0.0053	U		<0.019	U					0.01	J		<0.0063	U	
		VMP-10-30-043018-DUP	4/30/2018	<0.02	U		0.046			<0.0061	U		<0.005	U		<0.018	U					0.012			<0.0061	U	
VMP-11	5 ft	VMP-11-5-072617	7/26/2017	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U					0.002	J		<0.0061	U	
		VMP-11-5-110317	11/3/2017	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U					0.0069	J		<0.0058	U	
		VMP-11-5-012918	1/29/2018	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U					<0.011	U		<0.0054	U	
		VMP-11-5-050118	5/1/2018	<0.02	U		0.0071	J		<0.0061	U		<0.005	U		<0.018	U					<0.012	U		<0.0061	U	
	8 ft	VMP-11-8-072617	7/26/2017	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U					0.0027	J		<0.006	U	
		VMP-11-8-110317	11/3/2017	<0.019	U		0.0027	J		<0.0056	U		<0.0047	U		<0.016	U					0.0099	J		0.00094	J	
		VMP-11-8-012918	1/29/2018	<0.017	U		<0.012	U		<0.0052	U		<0.0043	U		<0.015	U					<0.01	U		<0.0052	U	
		VMP-11-8-050118	5/1/2018	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U					<0.012	U		<0.0061	U	
	29 ft	VMP-11-29-072617	7/26/2017	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U					0.0029	J		<0.0059	U	
		VMP-11-29-110317	11/3/2017	<0.018	U		0.0036	J		<0.0055	U		<0.0046	U		<0.016	U					0.0018	J		<0.0055	U	
		VMP-11-29-012918	1/29/2018	<0.018	U		<0.013	U		<0.0052	U		<0.0044	U		<0.015	U					<0.01	U		<0.0053	U	
		VMP-11-29-050118	5/1/2018	<0.021	U		0.0085	J		<0.0063	U		<0.0053	U		<0.019	U					<0.013	U		<0.0063	U	
	38 ft	VMP-11-38-072617	7/26/2017	<0.02	U		0.0018	J		<0.0059	U		<0.0049	U		<0.017	U					0.0021	J		<0.0059	U	
		VMP-11-38-110317	11/3/2017	<0.02	U		0.0046	J		<0.0059	U		<0.005	U		<0.017	U					<0.012	U		<0.0059	U	
		VMP-11-38-110317-DUP	11/3/2017	<0.018	U		0.011	J		<0.0054	U		<0.0045	U		<0.016	U					0.0041	J		<0.0054	U	
		VMP-11-38-012918	1/29/2018	<0.018	U		0.012	J		<0.0054	U		<0.0045	U		<0.016	U					0.004	J		<0.0054	U	
		VMP-11-38-050118	5/1/2018	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U					0.012	J		<0.0062	U	
VMP-12	5 ft	VMP-12-5-072817	7/28/2017	0.0039	J		0.0093	J		0.0023	J		0.0018	J		<0.017	U					0.01	J		0.0012	J	
		VMP-12-5-110217	11/2/2017	<0.019	U		0.0018	J		<0.0058	U		<0.0049	U		<0.017	U					<0.012	U		0.0011	J	
		VMP-12-5-013018	1/30/2018	<0.018	U		<0.013	U		0.0063			<0.0045	U		<0.016	U					<0.011	U		0.02		
		VMP-12-5-043018	4/30/2018	<0.019	U		<0.013	U		<0.0056	U		<0.0047	U		<0.016	U					<0.011	U		<0.0056	U	
	11.5 ft	VMP-12-11.5-072817	7/28/2017	0.0039	J		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U					<0.012	U		0.0015	J	
		VMP-12-11.5-110217	11/2/2017	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U					<0.011	U		<0.0056	U	
		VMP-12-11.5-013018	1/30/2018	<0.017	U		<0.012	U		0.064			<0.0044	U		<0.015	U					<0.01	U		0.4		
		VMP-12-11.5-043018	4/30/2018	<0.019	U		0.0067	J		<0.0058	U		<0.0049	U		<0.017	U					0.0021	J		<0.0058	U	
	25 ft	VMP-12-25-072817	7/28/2017	<0.019	U		<0.014	U		0.00057	J		<0.0049	U		<0.017	U					<0.012	U		0.0014	J	
		VMP-12-25-110217	11/2/2017	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U					<0.012	U		<0.0061	U	
		VMP-12-25-013018	1/30/2018	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U					<0.011	U		<0.0055	U	
		VMP-12-25-043018	4/30/2018	<0.018	U		<0.013	U		<0.0056	U		<0.0046	U		<0.016	U					<0.011	U		<0.0056	U	
		VMP-12-25-043018-DUP	4/30/2018	<0.019	U		<0.013	U		<0.0056	U		<0.0047	U		<0.016	U					<0.011	U		<0.0056	U	
	39 ft	VMP-12-39-072817	7/28/2017	<5	U		820			1	J		<1.2	U		<1.1	U					<3	U		1.3	J	
		VMP-12-39-072817-DUP	7/28/2017	<9.3	U		1000			1.3	J		<2.3	U		<2	U					<5.6	U		1.4	J	
		VMP-12-39-110217	11/2/2017	<19	U		1100			6.7			<4.8	U		<4.2	U					<11	U		<5.7	U	
		VMP-12-39-110217-DUP	11/2/2017	<19	U		1100			6.5			<4.8	U		<4.2	U					<11	U		<5.7	U	
		VMP-12-39-013018	1/30/2018	<1.8	U		110			1.7			<0.46	U		<0.4	U					<1.1	U		0.95		
		VMP-12-39-043018	4/30/2018	<0.02	U		0.24			<0.006	U		<0.005	U		<0.018	U					<0.012	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	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										3500						24000			0.75								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-13-5-072717	7/27/2017	<0.018	U		0.004	J		<0.0056	U		<0.0046	U		<0.016	U					0.012			<0.0056	U	
		VMP-13-5-103017	10/30/2017	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U					<0.011	U		<0.0055	U	
		VMP-13-5-012918	1/29/2018	<0.017	U		<0.012	U		<0.005	U		<0.0042	U		<0.015	U					0.0016	J		<0.005	U	
		VMP-13-5-033018	3/30/2018	<0.019	U		0.002	J		<0.0057	U		<0.0048	U		<0.017	U		0.00091	J		0.0028	J		0.00048	J	
		VMP-13-5-041018	4/10/2018	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		0.00028	J		0.0074	J		<0.0055	U	
	10.5 ft	VMP-13-10.5-072717	7/27/2017	<0.019	U		0.0054	J		<0.0056	U		<0.0047	U		<0.016	U					0.017			<0.0056	U	
		VMP-13-10.5-103017	10/30/2017	<0.018	U		0.0053	J		<0.0055	U		<0.0046	U		<0.016	U					<0.011	U		<0.0055	U	
		VMP-13-10.5-012918	1/29/2018	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U					0.0046	J		<0.0054	U	
		VMP-13-10.5-033018	3/30/2018	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		0.0015	J		<0.0058	U	
		VMP-13-10.5-041018	4/10/2018	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		0.011	J		<0.0065	U	
	21.5 ft	VMP-13-21.5-072717	7/27/2017	<0.019	U		<0.014	U		<0.0057	U		<0.0047	U		<0.017	U					0.0028	J		<0.0057	U	
		VMP-13-21.5-103017	10/30/2017	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U					<0.011	U		<0.0055	U	
		VMP-13-21.5-012918	1/29/2018	<0.018	U		<0.013	U		<0.0052	U		<0.0044	U		<0.015	U					0.0039	J		<0.0053	U	
		VMP-13-21.5-033018	3/30/2018	<0.019	U		0.0013	J		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		0.0064	J		<0.0058	U	
		VMP-13-21.5-041018	4/10/2018	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		0.021			<0.0058	U	
	29.5 ft	VMP-13-29.5-072717	7/27/2017	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U					<0.013	U		<0.0064	U	
		VMP-13-29.5-103017	10/30/2017	<0.02	U		0.01	J		<0.0059	U		<0.0049	U		0.022						<0.012	U		<0.0059	U	
		VMP-13-29.5-012918	1/29/2018	<0.018	U		0.014			<0.0054	U		<0.0045	U		0.0072	J					0.0051	J		<0.0054	U	
		VMP-13-29.5-012918-DUP	1/29/2018	<0.019	U		<0.013	U		<0.0056	U		<0.0047	U		0.0087	J					0.0014	J		<0.0056	U	
		VMP-13-29.5-033018	3/30/2018	<0.019	U		0.0011	J		<0.0057	U		<0.0048	U		0.0027	J		<0.012	U		0.0028	J		<0.0057	U	
		VMP-13-29.5-033018-DUP	3/30/2018	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		0.0027	J		<0.013	U		0.0046	J		<0.0059	U	
		VMP-13-29.5-041018	4/10/2018	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		0.0053	J		<0.013	U		0.01	J		<0.0062	U	
VMP-14	5 ft	VMP-14-5-071917	7/19/2017	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U					0.017			<0.0062	U	
		VMP-14-5-103017	10/30/2017	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U					<0.011	U		<0.0055	U	
		VMP-14-5-012518	1/25/2018	<0.019	U		0.0062	J		<0.0058	U		<0.0048	U		<0.017	U					0.0016	J		<0.0058	U	
		VMP-14-5-041718	4/17/2018	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U					<0.013	U		<0.0063	U	
	11.5 ft	VMP-14-11.5-071917	7/19/2017	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U					0.034			<0.0062	U	
		VMP-14-11.5-103017	10/30/2017	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U					<0.011	U		<0.0056	U	
		VMP-14-11.5-012518	1/25/2018	<0.019	U		0.062			<0.0056	U		<0.0047	U		<0.016	U					0.021			<0.0056	U	
		VMP-14-11.5-041718	4/17/2018	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U					<0.013	U		<0.0063	U	
	20 ft	VMP-14-20-071917	7/19/2017	<0.21	U		0.037	J		0.24			<0.053	U		<0.046	U					<0.13	U		<0.063	U	
		VMP-14-20-103017	10/30/2017	<0.018	U		0.005	J		0.083			<0.0046	U		<0.016	U					<0.011	U		<0.0056	U	
		VMP-14-20-012518	1/25/2018	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U					0.002	J		<0.006	U	
		VMP-14-20-041718	4/17/2018	<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.018	U					0.008	J		<0.0062	U	
	29 ft	VMP-14-29-103017	10/30/2017	<0.018	U		0.0099	J		<0.0055	U		<0.0046	U		<0.016	U					0.0087	J		<0.0055	U	
		VMP-14-29-012518	1/25/2018	<0.019	U		0.082			<0.0058	U		<0.0049	U		<0.017	U					0.012			<0.0058	U	
		VMP-14-29-042718	4/27/2018	<0.021	U		0.0091	J		<0.0063	U		<0.0053	U		<0.019	U					<0.013	U		<0.0063	U	
VMP-15	5 ft	VMP-15-5-072617	7/26/2017	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U					0.012			<0.0061	U	
		VMP-15-5-110217	11/2/2017	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U					<0.012	U		<0.0059	U	
		VMP-15-5-013018	1/30/2018	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U					<0.011	U		<0.0057	U	
		VMP-15-5-043018	4/30/2018	<0.019	U		0.0034	J		<0.0056	U		<0.0047	U		<0.016	U					<0.011	U		<0.0056	U	
	21.5 ft	VMP-15-21.5-072617	7/26/2017	<0.084	U		0.13			<0.025	U		<0.021	U		<0.074	U					<0.051	U		<0.025	U	
		VMP-15-21.5-110217	11/2/2017	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U					<0.012	U		<0.0059	U	
		VMP-15-21.5-013018	1/30/2018	<0.019	U		0.005	J		<0.0057	U		<0.0048	U		<0.017	U					<0.011	U		<0.0057	U	
		VMP-15-21.5-043018	4/30/2018	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U					<0.012	U		<0.0059	U	
	25.5 ft	VMP-15-25.5-072617	7/26/2017	<0.34	U		<0.25	U		0.0086	J		<0.086	U		<0.3	U					<0.2	U		<0.1	U	
		VMP-15-25.5-110217	11/2/2017	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U					<0.012	U		<0.0059	U	
		VMP-15-25.5-013018	1/30/2018	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U					<0.011	U		<0.0057	U	
		VMP-15-25.5-043018	4/30/2018	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U					0.018			<0.0055	U	
	29 ft	VMP-15-29-013018	1/30/2018	<0.019	U		0.0057	J		<0.0057	U		<0.0048	U		<0.017	U					<0.011	U		<0.0057	U	
		VMP-15-29-043018	4/30/2018	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U					<0.012	U		<0.0058	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)			Naphthalene			2-Propanol			n-Propylbenzene		
										3500						24000			0.75								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-16-5-072817	7/28/2017	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U					<0.012	U		<0.0059	U	
		VMP-16-5-110217	11/2/2017	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U					<0.012	U		<0.0058	U	
		VMP-16-5-013018	1/30/2018	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U					<0.011	U		<0.0055	U	
		VMP-16-5-043018	4/30/2018	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U					0.0073	J		<0.0058	U	
	13.5 ft	VMP-16-13.5-072817	7/28/2017	<4	U		8.2			1.4			<0.99	U		<0.87	U					<2.4	U		2.1		
		VMP-16-13.5-110217	11/2/2017	<6.6	U		25			2.7			<1.6	U		<1.4	U					<4	U		3.9		
		VMP-16-13.5-013018	1/30/2018	<3.4	U		1.2	J		1			<0.86	U		<0.76	U					<2.1	U		1.7		
		VMP-16-13.5-013018-DUP	1/30/2018	<3.4	U		1.2	J		1.1			<0.86	U		<0.76	U					<2.1	U		1.8		
		VMP-16-13.5-043018	4/30/2018	<5	U		54			<1.5	U		<1.2	U		<1.1	U					<3	U		<1.5	U	
	19 ft	VMP-16-19-072817	7/28/2017	<4.2	U		210			45			<1	U		0.56	J					<2.5	U		94		
		VMP-16-19-110217	11/2/2017	<6.6	U		310			52			<1.6	U		0.4	J					<4	U		100		
		VMP-16-19-013018	1/30/2018	<8.9	U		260			47			<2.2	U		<2	U					<5.4	U		93		
		VMP-16-19-043018	4/30/2018	<13	U		110			20			<3.2	U		<2.8	U					<7.6	U		40		
	31 ft	VMP-16-31-072817	7/28/2017	<5.2	U		700			63			<1.3	U		0.65	J					<3.1	U		150		
		VMP-16-31-110217	11/2/2017	<6.4	U		990			71			<1.6	U		0.57	J					<3.8	U		190		
		VMP-16-31-013018	1/30/2018	<6	U		900			54			<1.5	U		0.45	J					<3.6	U		120		
		VMP-16-31-043018	4/30/2018	<12	U		390			48			<3.1	U		<2.7	U					<7.4	U		130		
VMP-17	5 ft	VMP-17-5-071917	7/19/2017	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U					0.021			<0.0061	U	
		VMP-17-5-110217	11/2/2017	<0.02	U		0.014	J		<0.0061	U		<0.005	U		<0.018	U					<0.012	U		<0.0061	U	
		VMP-17-5-012418	1/24/2018	<0.019	U		0.0081	J		<0.0057	U		<0.0048	U		<0.017	U					0.0052	J		<0.0057	U	
		VMP-17-5-042418	4/24/2018	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U					<0.012	U		<0.0058	U	
		VMP-17-5-042418-DUP	4/24/2018	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U					<0.012	U		<0.0058	U	
VMP-25	5 ft	VMP-25-5-080117	8/1/2017	<0.018	U		0.0025	J		<0.0054	U		<0.0045	U		<0.016	U					0.014			<0.0054	U	
		VMP-25-5-110217	11/2/2017	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U					<0.011	U		<0.0056	U	
		VMP-25-5-013018	1/30/2018	<0.017	U		0.012	J		0.024			<0.0042	U		<0.015	U					<0.01	U		0.036		
		VMP-25-5-042618	4/26/2018	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U					<0.012	U		<0.0061	U	
	21 ft	VMP-25-21-080117	8/1/2017	<0.019	U		0.038			<0.0058	U		<0.0048	U		<0.017	U					0.013			<0.0058	U	
		VMP-25-21-110217	11/2/2017	<0.018	U		0.0014	J		<0.0054	U		<0.0045	U		<0.016	U					<0.011	U		<0.0054	U	
		VMP-25-21-013018	1/30/2018	<0.018	U		0.0067	J		0.0026	J		<0.0045	U		<0.016	U					<0.011	U		0.0038	J	
		VMP-25-21-013018-DUP	1/30/2018	<0.017	U		0.0074	J		0.0017	J		<0.0042	U		<0.015	U					<0.01	U		0.0027	J	
		VMP-25-21-042618	4/26/2018	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U					<0.012	U		<0.0058	U	
	31 ft	VMP-25-31-080117	8/1/2017	<31	U		920			<9.3	U		<7.8	U		<27	U					<19	U		<9.3	U	
		VMP-25-31-080117-DUP	8/1/2017	<35	U		1100			<10	U		<8.8	U		<31	U					<21	U		<10	U	
		VMP-25-31-110217	11/2/2017	<6.6	U		1200			2			<1.6	U		0.52	J					<4	U		2.6		
		VMP-25-31-110217-DUP	11/2/2017	<6.2	U		1300			2			<1.6	U		0.62	J					<3.8	U		2.1		
		VMP-25-31-013018	1/30/2018	<5.5	U		1100			1.2	J		<1.4	U		0.59	J					<3.3	U		0.95	J	
		VMP-25-31-013018-DUP	1/30/2018	<5.8	U		1200			1.9			<1.4	U		0.68	J					<3.5	U		1.7	J	
VMP-29	10 ft	VMP-29-10-072717	7/27/2017	<0.039	U		<0.028	U		<0.012	U		<0.0097	U		<0.034	U					<0.023	U		<0.012	U	
		VMP-29-10-102717	10/27/2017	<0.019	U		0.0025	J		0.00081	J		0.0018	J		<0.016	U					0.0029	J		0.0013	J	
		VMP-29-10-012518	1/25/2018	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U					0.0034	J		<0.0061	U	
		VMP-29-10-041718	4/17/2018	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U					0.0038	J		<0.0057	U	
	18 ft	VMP-29-18-072717	7/27/2017	<0.041	U		0.015	J		0.0023	J		0.0037	J		<0.036	U					0.014	J		<0.012	U	
		VMP-29-18-102717	10/27/2017	<0.019	U		0.0028	J		0.0012	J		0.003	J		<0.016	U					0.007	J		0.0015	J	
		VMP-29-18-012518	1/25/2018	<0.019	U		0.052			<0.0058	U		<0.0048	U		<0.017	U					0.012			<0.0058	U	
		VMP-29-18-041718	4/17/2018	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U					<0.011	U		<0.0055	U	
	26 ft	VMP-29-26-072717	7/27/2017	<0.13	U		0.082	J		<0.038	U		<0.032	U		<0.11	U					0.038	J		<0.038	U	
		VMP-29-26-072717-DUP	7/27/2017	<0.12	U		0.054	J		0.005	J		<0.03	U		<0.1	U					<0.072	U		<0.036	U	
		VMP-29-26-102717	10/27/2017	<0.018	U		0.016			0.00096	J		<0.0046	U		<0.016	U					0.0045	J		0.0022	J	
		VMP-29-26-102717-DUP	10/27/2017	<0.018	U		0.01	J		<0.0053	U		<0.0044	U		<0.016	U					0.005	J		0.0013	J	
		VMP-29-26-012518	1/25/2018	<0.019	U		0.0026	J		<0.0057	U		<0.0048	U		<0.017	U					0.0024	J		<0.0057	U	
		VMP-29-26-041718	4/17/2018	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U					<0.012	U		<0.006	U	
		VMP-29-26-041718-DUP	4/17/2018	<0.018	U		0.004	J		<0.0055	U		<0.0046	U		<0.016	U					<0.011	U		<0.0055	U	

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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)			Naphthalene			2-Propanol			n-Propylbenzene		
										3500						24000			0.75								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-30	10 ft	VMP-30-10-072717	7/27/2017	<0.049	U		0.14			<0.015	U		<0.012	U		<0.044	U					<0.03	U		<0.015	U	
		VMP-30-10-102717	10/27/2017	<0.019	U		0.0037	J		<0.0057	U		0.0025	J		<0.017	U					0.0026	J		<0.0057	U	
		VMP-30-10-012518	1/25/2018	<0.018	U		0.079			<0.0053	U		<0.0044	U		<0.016	U					0.022			<0.0053	U	
		VMP-30-10-041718	4/17/2018	<0.019	U		0.0057	J		<0.0058	U		<0.0048	U		<0.017	U					0.0032	J		<0.0058	U	
	18 ft	VMP-30-18-072717	7/27/2017	<0.16	U		<0.11	U		<0.047	U		<0.039	U		<0.14	U					<0.093	U		<0.047	U	
		VMP-30-18-102717	10/27/2017	<0.02	U		0.0029	J		<0.0059	U		<0.0049	U		<0.017	U					0.0025	J		<0.0059	U	
		VMP-30-18-012518	1/25/2018	<0.018	U		0.044		J	<0.0055	U		<0.0046	U		<0.016	U					0.0098	J		<0.0055	U	
		VMP-30-18-012518-DUP	1/25/2018	<0.018	U		0.0058	J	J	<0.0055	U		<0.0046	U		<0.016	U					0.0024	J		<0.0055	U	
		VMP-30-18-041718	4/17/2018	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U					<0.012	U		<0.0061	U	
	26 ft	VMP-30-26-072717	7/27/2017	<0.04	U		0.014	J		<0.012	U		<0.0099	U		<0.035	U					0.022	J		<0.012	U	
		VMP-30-26-102717	10/27/2017	<0.018	U		0.0056	J		0.0015	J		0.0021	J		<0.016	U					0.0027	J		0.0025	J	
		VMP-30-26-012518	1/25/2018	<0.018	U		0.01	J		<0.0056	U		<0.0046	U		<0.016	U					0.0038	J		<0.0056	U	
		VMP-30-26-041718	4/17/2018	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U					0.0031	J		<0.006	U	
VMP-41	10 ft	VMP-41-10-072717	7/27/2017	<0.019	U		<0.014	U		<0.0057	U		<0.0047	U		<0.017	U					0.003	J		<0.0057	U	
		VMP-41-10-102717	10/27/2017	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U					0.0028	J		<0.0054	U	
		VMP-41-10-012418	1/24/2018	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U					0.0033	J		<0.0055	U	
		VMP-41-10-042018	4/20/2018	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U					<0.011	U		<0.0056	U	
	20 ft	VMP-41-20-072717	7/27/2017	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U					<0.012	U		<0.0058	U	
		VMP-41-20-102717	10/27/2017	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U					<0.011	U		<0.0056	U	
		VMP-41-20-012418	1/24/2018	<0.018	U		0.0047	J		<0.0056	U		<0.0046	U		<0.016	U					0.0048	J		<0.0056	U	
		VMP-41-20-050118	5/1/2018	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U					<0.012	U		<0.0058	U	
	26 ft	VMP-41-26-072717	7/27/2017	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U					<0.011	U		<0.0055	U	
		VMP-41-26-072717-DUP	7/27/2017	<0.02	U		0.0048	J		<0.0061	U		<0.0051	U		<0.018	U					<0.012	U		<0.0061	U	
		VMP-41-26-102717	10/27/2017	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U					<0.011	U		<0.0056	U	
		VMP-41-26-102717-DUP	10/27/2017	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U					0.0023	J		<0.0055	U	
		VMP-41-26-012418	1/24/2018	<0.017	U		0.0059	J		<0.0052	U		<0.0044	U		<0.015	U					0.0043	J		<0.0052	U	
		VMP-41-26-042018	4/20/2018	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U					<0.012	U		<0.0058	U	
		VMP-41-26-042018-DUP	4/20/2018	<0.019	U		<0.014	U		<0.0057	U		<0.0047	U		<0.017	U					<0.011	U		<0.0057	U	
VMP-55	5 ft	VMP-55-5-072617	7/26/2017	<0.036	U		<0.026	U		0.0027	J		<0.009	U		<0.032	U					0.0056	J		0.0027	J	
		VMP-55-5-110217	11/2/2017	<0.019	U		<0.014	U		0.0013	J		<0.0047	U		<0.016	U					<0.011	U		0.0019	J	
		VMP-55-5-013018	1/30/2018	<0.018	U		0.0054	J		<0.0054	U		<0.0045	U		<0.016	U					<0.011	U		<0.0054	U	
		VMP-55-5-043018	4/30/2018	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U					<0.012	U		<0.0062	U	
	20 ft	VMP-55-20-072617	7/26/2017	<1	U		310		J	<0.3	U		<0.25	U		<0.22	U					<0.61	U		<0.3	U	
		VMP-55-20-110217	11/2/2017	<4.9	U		690			<1.5	U		<1.2	U		<1.1	U					<2.9	U		<1.5	U	
		VMP-55-20-013018	1/30/2018	<2	U		430		J	0.13	J	J	<0.5	U		<0.44	U					<1.2	U		<0.6	U	
		VMP-55-20-043018	4/30/2018	<24	U		1700			<7.3	U		<6.1	U		<21	U					<15	U		<7.3	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	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				8500						4						40000			25			41000			170000		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-10-5-072717	7/27/2017	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0063	U		<0.0063	U	
		VMP-10-5-103017	10/30/2017	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		0.0012	J		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-10-5-013118	1/31/2018	<0.0047	U		<0.0076	U		<0.0075	U		<0.0032	U		0.00063	J		<0.033	U		<0.006	U		<0.006	U	
		VMP-10-5-042018	4/20/2018	<0.0049	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U	
	10 ft	VMP-10-10-072717	7/27/2017	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-10-10-103017	10/30/2017	<0.0047	U		<0.0076	U		<0.0075	U		<0.0033	U		<0.0042	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-10-10-013118	1/31/2018	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-10-10-042018	4/20/2018	<0.0049	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U	
	20 ft	VMP-10-20-072717	7/27/2017	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-10-20-103017	10/30/2017	<0.0045	U		<0.0073	U		<0.0072	U		<0.0031	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U	
		VMP-10-20-013118	1/31/2018	<0.0048	U		<0.0078	U		<0.0077	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-10-20-042018	4/20/2018	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		<0.0047	J	U	<0.037	U		<0.0068	U		<0.0068	U	
	30 ft	VMP-10-30-103017	10/30/2017	<0.0046	U		<0.0074	U		<0.0073	U		<0.0032	U		0.00091	J		<0.032	U		<0.0059	U		<0.0059	U	
		VMP-10-30-103017-DUP	10/30/2017	<0.0045	U		<0.0072	U		<0.0072	U		<0.0031	U		0.004			<0.031	U		<0.0058	U		<0.0058	U	
		VMP-10-30-013118	1/31/2018	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.0017	J		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-10-30-013118-DUP	1/31/2018	<0.0045	U		<0.0072	U		<0.0072	U		<0.0031	U		0.0017	J		<0.031	U		<0.0058	U		<0.0058	U	
		VMP-10-30-043018	4/30/2018	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-10-30-043018-DUP	4/30/2018	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
VMP-11	5 ft	VMP-11-5-072617	7/26/2017	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.00071	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-11-5-110317	11/3/2017	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-11-5-012918	1/29/2018	<0.0047	U		<0.0076	U		<0.0075	U		<0.0033	U		<0.0042	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-11-5-050118	5/1/2018	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
	8 ft	VMP-11-8-072617	7/26/2017	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-11-8-110317	11/3/2017	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		0.001	J		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-11-8-012918	1/29/2018	<0.0045	U		<0.0072	U		<0.0072	U		<0.0031	U		0.00058	J		<0.031	U		<0.0058	U		<0.0058	U	
		VMP-11-8-050118	5/1/2018	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
	29 ft	VMP-11-29-072617	7/26/2017	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.00033	J		<0.036	U		<0.0065	U		<0.0065	U	
		VMP-11-29-110317	11/3/2017	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-11-29-012918	1/29/2018	<0.0046	U		<0.0073	U		<0.0072	U		<0.0032	U		0.00063	J		<0.032	U		<0.0058	U		<0.0058	U	
		VMP-11-29-050118	5/1/2018	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
	38 ft	VMP-11-38-072617	7/26/2017	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.00071	J		<0.036	U		<0.0065	U		<0.0065	U	
		VMP-11-38-110317	11/3/2017	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-11-38-110317-DUP	11/3/2017	<0.0047	U		<0.0076	U		<0.0075	U		<0.0032	U		0.0056			<0.033	U		<0.006	U		<0.006	U	
		VMP-11-38-012918	1/29/2018	<0.0046	U		<0.0075	U		<0.0074	U		<0.0032	U		0.003	J		<0.032	U		<0.0059	U		<0.0059	U	
		VMP-11-38-050118	5/1/2018	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0013	J		<0.037	U		<0.0069	U		<0.0069	U	
VMP-12	5 ft	VMP-12-5-072817	7/28/2017	0.002	J		<0.0082	U		<0.0081	U		<0.0035	U		0.0052			<0.035	U		<0.0065	U		<0.0065	U	
		VMP-12-5-110217	11/2/2017	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.0054			<0.035	U		<0.0065	U		<0.0065	U	
		VMP-12-5-013018	1/30/2018	<0.0047	U		<0.0076	U		<0.0075	U		<0.0032	U		0.00098	J		<0.033	U		<0.006	U		<0.006	U	
		VMP-12-5-043018	4/30/2018	<0.0048	U		<0.0078	U		<0.0077	U		<0.0034	U		0.00089	J		<0.034	U		<0.0062	U		<0.0062	U	
	11.5 ft	VMP-12-11.5-072817	7/28/2017	0.00093	J		<0.0086	U		<0.0085	U		<0.0037	U		0.00076	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-12-11.5-110217	11/2/2017	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-12-11.5-013018	1/30/2018	<0.0045	U		<0.0073	U		<0.0072	U		<0.0031	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U	
		VMP-12-11.5-043018	4/30/2018	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.05			<0.035	U		<0.0065	U		<0.0065	U	
	25 ft	VMP-12-25-072817	7/28/2017	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-12-25-110217	11/2/2017	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.00078	J		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-12-25-013018	1/30/2018	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-12-25-043018	4/30/2018	<0.0048	U		<0.0078	U		<0.0077	U		<0.0033	U		<0.0042	U		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-12-25-043018-DUP	4/30/2018	<0.0048	U		<0.0078	U		<0.0077	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U	
	39 ft	VMP-12-39-072817	7/28/2017	<1.3	U		<2.1	U		<2	U		<0.89	U		0.54	J		<9	U		<1.6	U		<1.6	U	
		VMP-12-39-072817-DUP	7/28/2017	<2.4	U		<3.9	U		<3.9	U		<1.7	U		1	J		<17	U		<3.1	U		<3.1	U	
		VMP-12-39-110217	11/2/2017	<5	U		<8	U		<7.9	U		<3.4	U		<4.4	U		<34	U		<6.4	U		<6.4	U	
		VMP-12-39-110217-DUP	11/2/2017	<5	U		15			1.6	J		<3.4	U		<4.4	U		<34	U		<6.4	U		<6.4	U	
		VMP-12-39-013018	1/30/2018	<0.48	U		<0.77	U		<0.76	U		<0.33	U		<0.42	U		<3.3	U		<0.61	U		<0.61	U	
		VMP-12-39-043018	4/30/2018	<0.0052	U		<0.0083	U		0.015			<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	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	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				8500						4						40000			25			41000			170000		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-13-5-072717	7/27/2017	<0.0048	U		<0.0078	U		<0.0077	U		<0.0033	U		0.0014	J		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-13-5-103017	10/30/2017	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		0.0013	J		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-13-5-012918	1/29/2018	<0.0043	U		<0.007	U		<0.0069	U		<0.003	U		0.002	J		<0.03	U		<0.0055	U		<0.0055	U	
		VMP-13-5-033018	3/30/2018	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-13-5-041018	4/10/2018	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U	
	10.5 ft	VMP-13-10.5-072717	7/27/2017	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		0.0011	J		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-13-10.5-103017	10/30/2017	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		0.0028	J		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-13-10.5-012918	1/29/2018	<0.0047	U		<0.0076	U		0.0025	J		<0.0032	U		0.00075	J		<0.033	U		<0.006	U		<0.006	U	
		VMP-13-10.5-033018	3/30/2018	<0.0051	U		<0.0082	U		0.0021	J		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-13-10.5-041018	4/10/2018	<0.0056	U		<0.009	U		0.00095	J		<0.0039	U		0.00034	J		<0.039	U		<0.0072	U		<0.0072	U	
	21.5 ft	VMP-13-21.5-072717	7/27/2017	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U	
		VMP-13-21.5-103017	10/30/2017	<0.0047	U		<0.0076	U		<0.0076	U		<0.0033	U		0.0014	J		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-13-21.5-012918	1/29/2018	<0.0046	U		<0.0073	U		0.0018	J		<0.0032	U		0.00071	J		<0.032	U		<0.0058	U		<0.0058	U	
		VMP-13-21.5-033018	3/30/2018	<0.0051	U		<0.0082	U		0.002	J		<0.0035	U		0.001	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-13-21.5-041018	4/10/2018	<0.0051	U		<0.0082	U		0.0015	J		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
	29.5 ft	VMP-13-29.5-072717	7/27/2017	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0025	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-13-29.5-103017	10/30/2017	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.0012	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-13-29.5-012918	1/29/2018	<0.0047	U		<0.0076	U		0.002	J		<0.0032	U		0.0029	J		<0.033	U		<0.006	U		<0.006	U	
		VMP-13-29.5-012918-DUP	1/29/2018	<0.0048	U		<0.0078	U		0.002	J		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-13-29.5-033018	3/30/2018	<0.005	U		<0.008	U		0.0019	J		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-13-29.5-033018-DUP	3/30/2018	<0.0052	U		<0.0083	U		0.0016	J		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-13-29.5-041018	4/10/2018	<0.0054	U		<0.0087	U		0.00077	J		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
VMP-14	5 ft	VMP-14-5-071917	7/19/2017	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-14-5-103017	10/30/2017	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-14-5-012518	1/25/2018	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.0014	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-14-5-041718	4/17/2018	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	J	U	<0.038	U		<0.007	U		<0.007	U	
	11.5 ft	VMP-14-11.5-071917	7/19/2017	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-14-11.5-103017	10/30/2017	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0063	U		<0.0063	U	
		VMP-14-11.5-012518	1/25/2018	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		0.049			<0.034	U		<0.0063	U		<0.0063	U	
		VMP-14-11.5-041718	4/17/2018	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
	20 ft	VMP-14-20-071917	7/19/2017	<0.055	U		<0.088	U		<0.087	U		<0.038	U		0.0071	J		<0.38	U		<0.07	U		<0.07	U	
		VMP-14-20-103017	10/30/2017	<0.0048	U		<0.0078	U		<0.0077	U		<0.0033	U		0.00094	J		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-14-20-012518	1/25/2018	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-14-20-041718	4/17/2018	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
	29 ft	VMP-14-29-103017	10/30/2017	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-14-29-012518	1/25/2018	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.046			<0.035	U		<0.0065	U		<0.0065	U	
		VMP-14-29-042718	4/27/2018	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	J	U	<0.007	U		<0.007	U	
VMP-15	5 ft	VMP-15-5-072617	7/26/2017	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.00081	J		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-15-5-110217	11/2/2017	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-15-5-013018	1/30/2018	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.00057	J		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-15-5-043018	4/30/2018	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		0.0014	J		<0.034	U		<0.0062	U		<0.0062	U	
	21.5 ft	VMP-15-21.5-072617	7/26/2017	<0.022	U		<0.035	U		<0.035	U		<0.015	U		<0.019	U		<0.15	U		<0.028	U		<0.028	U	
		VMP-15-21.5-110217	11/2/2017	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0012	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-15-21.5-013018	1/30/2018	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.00075	J		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-15-21.5-043018	4/30/2018	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0.0066	U	
	25.5 ft	VMP-15-25.5-072617	7/26/2017	<0.089	U		<0.14	U		<0.14	U		<0.062	U		<0.079	U		<0.62	U		<0.11	U		<0.11	U	
		VMP-15-25.5-110217	11/2/2017	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0.0065	U	
		VMP-15-25.5-013018	1/30/2018	<0.0049	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U	
		VMP-15-25.5-043018	4/30/2018	<0.0047	U		<0.0076	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U	
	29 ft	VMP-15-29-013018	1/30/2018	<0.0049	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U	
		VMP-15-29-043018	4/30/2018	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	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	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				8500						4						40000			25			41000			170000		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-16-5-072817	7/28/2017	0.00049	J		<0.0083	U		<0.0082	U		<0.0036	U		0.00064	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-16-5-110217	11/2/2017	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-16-5-013018	1/30/2018	<0.0047	U		<0.0076	U		<0.0076	U		<0.0033	U		0.00059	J		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-16-5-043018	4/30/2018	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.00085	J		<0.035	U		<0.0065	U		<0.0065	U	
	13.5 ft	VMP-16-13.5-072817	7/28/2017	<1	U		<1.7	U		<1.6	U		<0.71	U		0.2	J		<7.2	U		<1.3	U		<1.3	U	
		VMP-16-13.5-110217	11/2/2017	<1.7	U		<2.8	U		<2.7	U		<1.2	U		<1.5	U		<12	U		<2.2	U		<2.2	U	
		VMP-16-13.5-013018	1/30/2018	<0.89	U		<1.4	U		<1.4	U		<0.62	U		<0.79	U		<6.2	U		<1.1	U		<1.1	U	
		VMP-16-13.5-013018-DUP	1/30/2018	<0.89	U		<1.4	U		<1.4	U		<0.62	U		<0.79	U		<6.2	U		<1.1	U		<1.1	U	
		VMP-16-13.5-043018	4/30/2018	<1.3	U		<2.1	U		<2	U		<0.89	U		<1.1	U		<9	U		<1.6	U		<1.6	U	
	19 ft	VMP-16-19-072817	7/28/2017	<1.1	U		<1.8	U		<1.8	U		<0.76	U		0.82	J		<7.6	U		<1.4	U		<1.4	U	
		VMP-16-19-110217	11/2/2017	<1.7	U		<2.8	U		1.1	J		<1.2	U		<1.5	U		<12	U		<2.2	U		<2.2	U	
		VMP-16-19-013018	1/30/2018	<2.3	U		<3.7	U		<3.7	U		<1.6	U		<2	U		<16	U		<3	U		<3	U	
		VMP-16-19-043018	4/30/2018	<3.3	U		<5.3	U		<5.2	U		<2.3	U		2	J CN	J	<23	U		<4.2	U		<4.2	U	
	31 ft	VMP-16-31-072817	7/28/2017	<1.3	U		<2.2	U		<2.1	U		<0.93	U		<1.2	U		<9.4	U		<1.7	U		<1.7	U	
		VMP-16-31-110217	11/2/2017	<1.6	U		<2.7	U		<2.6	U		<1.1	U		<1.5	U		<12	U		<2.1	U		<2.1	U	
		VMP-16-31-013018	1/30/2018	<1.5	U		<2.5	U		<2.5	U		<1.1	U		<1.4	U		<11	U		<2	U		<2	U	
		VMP-16-31-043018	4/30/2018	<3.2	U		<5.1	U		<5.1	U		<2.2	U		1.1	J CN	J	<22	U		<4.1	U		<4.1	U	
VMP-17	5 ft	VMP-17-5-071917	7/19/2017	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-17-5-110217	11/2/2017	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0042	J		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-17-5-012418	1/24/2018	<0.0049	U		<0.008	U		<0.0079	U		<0.0034	U		0.0047			<0.034	U		<0.0063	U		<0.0063	U	
		VMP-17-5-042418	4/24/2018	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-17-5-042418-DUP	4/24/2018	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	J	U	<0.035	U		<0.0064	U		<0.0064	U	
VMP-25	5 ft	VMP-25-5-080117	8/1/2017	<0.0047	U		<0.0076	U		<0.0075	U		<0.0032	U		0.012			<0.033	U		<0.006	U		<0.006	U	
		VMP-25-5-110217	11/2/2017	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		0.00053	J		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-25-5-013018	1/30/2018	<0.0043	U		<0.007	U		<0.0069	U		<0.003	U		0.00084	J		<0.03	U		<0.0055	U		<0.0055	U	
		VMP-25-5-042618	4/26/2018	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
	21 ft	VMP-25-21-080117	8/1/2017	<0.005	U		<0.0081	U		<0.008	U		0.0018	J		0.0013	J		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-25-21-110217	11/2/2017	<0.0047	U		<0.0076	U		<0.0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-25-21-013018	1/30/2018	<0.0046	U		<0.0075	U		<0.0074	U		<0.0032	U		0.0014	J		<0.032	U		<0.0059	U		<0.0059	U	
		VMP-25-21-013018-DUP	1/30/2018	<0.0044	U		<0.0071	U		<0.007	U		<0.003	U		0.0013	J		<0.031	U		<0.0056	U		<0.0056	U	
		VMP-25-21-042618	4/26/2018	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
	31 ft	VMP-25-31-080117	8/1/2017	<8.1	U		<13	U		<13	U		<5.6	U		<7.2	U		<56	U		<10	U		<10	U	
		VMP-25-31-080117-DUP	8/1/2017	<9.2	U		<15	U		<14	U		<6.3	U		<8.1	U		<64	U		<12	U		<12	U	
		VMP-25-31-110217	11/2/2017	<1.7	U		<2.8	U		0.5	J		<1.2	U		<1.5	U		<12	U		<2.2	U		<2.2	U	
		VMP-25-31-110217-DUP	11/2/2017	<1.6	U		<2.6	U		<2.6	U		<1.1	U		<1.4	U		<11	U		<2.1	U		<2.1	U	
		VMP-25-31-013018	1/30/2018	<1.4	U		<2.3	U		<2.3	U		<1	U		0.85	J		<10	U		<1.8	U		<1.8	U	
		VMP-25-31-013018-DUP	1/30/2018	<1.5	U		<2.4	U		<2.4	U		<1	U		0.84	J		<10	U		<1.9	U		<1.9	U	
VMP-29	10 ft	VMP-29-10-072717	7/27/2017	<0.01	U		<0.016	U		<0.016	U		0.14			<0.0089	U		<0.07	U		<0.013	U		<0.013	U	
		VMP-29-10-102717	10/27/2017	<0.0048	U		<0.0078	U		<0.0077	U		0.0066			0.0059			<0.034	U		<0.0062	U		<0.0062	U	
		VMP-29-10-012518	1/25/2018	<0.0053	U		<0.0085	U		<0.0084	U		0.02			0.00067	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-29-10-041718	4/17/2018	<0.005	U		<0.008	U		<0.0079	U		0.019			0.0012	J		<0.034	U		<0.0064	U		<0.0064	U	
	18 ft	VMP-29-18-072717	7/27/2017	<0.01	U		<0.017	U		<0.017	U		1.3			0.0069	J		<0.074	U		<0.014	U		<0.014	U	
		VMP-29-18-102717	10/27/2017	<0.0048	U		<0.0078	U		<0.0077	U		0.036			0.0066			<0.034	U		<0.0062	U		<0.0062	U	
		VMP-29-18-012518	1/25/2018	<0.005	U		<0.0081	U		<0.008	U		0.11			0.035			<0.035	U		<0.0064	U		<0.0064	U	
		VMP-29-18-041718	4/17/2018	<0.0047	U		<0.0076	U		<0.0076	U		0.027			0.0021	J		<0.033	U		<0.0061	U		<0.0061	U	
	26 ft	VMP-29-26-072717	7/27/2017	<0.033	U		<0.054	U		<0.053	U		5			0.018	J		<0.23	U		<0.042	U		<0.042	U	
		VMP-29-26-072717-DUP	7/27/2017	<0.031	U		<0.05	U		<0.05	U		5.1			0.0073	J		<0.22	U		<0.04	U		<0.04	U	
		VMP-29-26-102717	10/27/2017	<0.0047	U		<0.0076	U		<0.0076	U		0.02			0.0017	J		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-29-26-102717-DUP	10/27/2017	<0.0046	U		<0.0074	U		<0.0073	U		0.019			0.0017	J		<0.032	U		<0.0059	U		<0.0059	U	
		VMP-29-26-012518	1/25/2018	<0.005	U		<0.008	U		<0.0079	U		0.11			0.0012	J		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-29-26-041718	4/17/2018	<0.0052	U		<0.0084	U		<0.0083	U		0.024			<0.0046	J	U	<0.036	U		<0.0066	U		<0.0066	U	
		VMP-29-26-041718-DUP	4/17/2018	<0.0048	U		<0.0077	U		<0.0076	U		0.025			<0.0042	J	U	<0.033	U		<0.0061	U		<0.0061	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	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				8500						4						40000			25			41000			170000		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-30	10 ft	VMP-30-10-072717	7/27/2017	<0.013	U		<0.021	U		<0.02	U		2.7			0.0054	J		<0.09	U		<0.016	U		<0.016	U	
		VMP-30-10-102717	10/27/2017	<0.0049	U		<0.0079	U		<0.0078	U		0.013			0.0033	J		<0.034	U		<0.0063	U		<0.0063	U	
		VMP-30-10-012518	1/25/2018	<0.0046	U		<0.0074	U		0.0046	J		0.02			0.059			<0.032	U		<0.0059	U		<0.0059	U	
		VMP-30-10-041718	4/17/2018	<0.005	U		<0.0081	U		<0.008	U		0.044			<0.0044	J	U	<0.035	U		<0.0064	U		<0.0064	U	
	18 ft	VMP-30-18-072717	7/27/2017	<0.04	U		<0.065	U		<0.064	U		5.3			<0.036	U		<0.28	U		<0.052	U		<0.052	U	
		VMP-30-18-102717	10/27/2017	<0.0051	U		<0.0083	U		<0.0082	U		0.042			0.0018	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-30-18-012518	1/25/2018	<0.0047	U		<0.0076	U		0.0013	J		0.07			0.026		J	<0.033	U		<0.0061	U		<0.0061	U	
		VMP-30-18-012518-DUP	1/25/2018	<0.0047	U		<0.0076	U		0.0016	J		0.075			0.0007	J	J	<0.033	U		<0.0061	U		<0.0061	U	
		VMP-30-18-041718	4/17/2018	<0.0053	U		<0.0085	U		<0.0084	U		0.085			<0.0046	U		0.0033	J		<0.0067	U		<0.0067	U	
	26 ft	VMP-30-26-072717	7/27/2017	<0.01	U		<0.017	U		<0.016	U		1			<0.0091	U		<0.072	U		<0.013	U		<0.013	U	
		VMP-30-26-102717	10/27/2017	<0.0048	U		<0.0077	U		<0.0076	U		0.023			0.0064			<0.033	U		<0.0061	U		<0.0061	U	
		VMP-30-26-012518	1/25/2018	<0.0048	U		<0.0078	U		<0.0077	U		0.072			0.00096	J		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-30-26-041718	4/17/2018	<0.0052	U		<0.0084	U		<0.0083	U		0.034			<0.0046	J	U	<0.036	U		<0.0067	U		<0.0067	U	
VMP-41	10 ft	VMP-41-10-072717	7/27/2017	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U	
		VMP-41-10-102717	10/27/2017	<0.0047	U		<0.0075	U		<0.0074	U		<0.0032	U		<0.0041	U		<0.032	U		<0.006	U		<0.006	U	
		VMP-41-10-012418	1/24/2018	<0.0047	U		<0.0076	U		<0.0076	U		<0.0033	U		0.00089	J		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-41-10-042018	4/20/2018	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		0.0018	J		<0.034	U		<0.0062	U		<0.0062	U	
	20 ft	VMP-41-20-072717	7/27/2017	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.001	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-41-20-102717	10/27/2017	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-41-20-012418	1/24/2018	<0.0048	U		<0.0078	U		<0.0077	U		<0.0033	U		0.0034	J		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-41-20-050118	5/1/2018	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
	26 ft	VMP-41-26-072717	7/27/2017	<0.0047	U		<0.0076	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-41-26-072717-DUP	7/27/2017	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0013	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-41-26-102717	10/27/2017	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-41-26-102717-DUP	10/27/2017	<0.0047	U		<0.0076	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-41-26-012418	1/24/2018	<0.0045	U		<0.0073	U		<0.0072	U		<0.0031	U		0.0049			<0.032	U		<0.0058	U		<0.0058	U	
		VMP-41-26-042018	4/20/2018	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-41-26-042018-DUP	4/20/2018	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U	
VMP-55	5 ft	VMP-55-5-072617	7/26/2017	<0.0094	U		<0.015	U		<0.015	U		<0.0065	U		0.011			<0.065	U		<0.012	U		<0.012	U	
		VMP-55-5-110217	11/2/2017	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		0.00082	J		<0.034	U		<0.0063	U		<0.0063	U	
		VMP-55-5-013018	1/30/2018	<0.0047	U		<0.0076	U		<0.0075	U		<0.0032	U		<0.0042	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-55-5-043018	4/30/2018	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.0008	J		<0.038	U		<0.0069	U		<0.0069	U	
	20 ft	VMP-55-20-072617	7/26/2017	<0.26	U		<0.42	U		<0.42	U		<0.18	U		<0.23	U		<1.8	U		<0.34	U		<0.34	U	
		VMP-55-20-110217	11/2/2017	<1.3	U		<2	U		<2	U		<0.88	U		<1.1	U		<8.8	U		<1.6	U		<1.6	U	
		VMP-55-20-013018	1/30/2018	<0.52	U		<0.84	U		<0.83	U		<0.36	U		<0.46	U		<3.6	U		<0.67	U		<0.67	U	
		VMP-55-20-043018	4/30/2018	<6.3	U		<10	U		<10	U		<4.4	U		14	CN	J	<44	U		<8.1	U		<8.1	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	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				12			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	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-072717	7/27/2017	<0.0062	U		0.0014	J		<0.0056	U		<0.0056	U		0.0008	J		<0.0029	U		<0.005	U		<0.005	U	
		VMP-10-5-103017	10/30/2017	<0.006	U		0.0012	J		<0.0055	U		<0.0055	U		0.00094	J		<0.0029	U		0.0057			0.0014	J	
		VMP-10-5-013118	1/31/2018	<0.0059	U		0.0015	J		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-10-5-042018	4/20/2018	<0.0062	U		<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
	10 ft	VMP-10-10-072717	7/27/2017	<0.0065	U		0.0016	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-10-10-103017	10/30/2017	<0.006	U		0.0012	J		<0.0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-10-10-013118	1/31/2018	<0.0062	U		0.0017	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-10-10-042018	4/20/2018	<0.0062	U		<0.0065	U		<0.0057	U		<0.0057	U		0.0033	J		<0.003	U		<0.005	U		<0.005	U	
	20 ft	VMP-10-20-072717	7/27/2017	<0.0066	U		0.0016	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-10-20-103017	10/30/2017	<0.0057	U		0.0011	J		<0.0052	U		<0.0052	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-10-20-013118	1/31/2018	<0.0061	U		0.0014	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-10-20-042018	4/20/2018	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		0.014			<0.0032	U		<0.0054	U		<0.0054	U	
	30 ft	VMP-10-30-103017	10/30/2017	<0.0058	U		0.0009	J		0.001	J		<0.0053	U		0.0017	J		<0.0027	U		0.0016	J		<0.0047	U	
		VMP-10-30-103017-DUP	10/30/2017	<0.0057	U		0.0014	J		<0.0052	U		<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-10-30-013118	1/31/2018	<0.0063	U		0.0014	J		<0.0058	U		<0.0058	U		0.0098			<0.003	U		<0.0051	U		<0.0051	U	
		VMP-10-30-013118-DUP	1/31/2018	<0.0057	U		0.0013	J		<0.0052	U		<0.0052	U		0.012			<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-10-30-043018	4/30/2018	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-10-30-043018-DUP	4/30/2018	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		0.001	J		<0.0032	U		<0.0054	U		<0.0054	U	
VMP-11	5 ft	VMP-11-5-072617	7/26/2017	<0.0067	U		0.0011	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-11-5-110317	11/3/2017	<0.0064	U		0.0014	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-11-5-012918	1/29/2018	<0.006	U		<0.0062	U		<0.0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-11-5-050118	5/1/2018	<0.0066	U		0.0014	J		<0.0061	U		<0.0061	U		0.0018	J		<0.0032	U		<0.0054	U		<0.0054	U	
	8 ft	VMP-11-8-072617	7/26/2017	<0.0066	U		0.0011	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-11-8-110317	11/3/2017	<0.0062	U		0.0016	J		<0.0056	U		<0.0056	U		0.0085			<0.0029	U		<0.005	U		<0.005	U	
		VMP-11-8-012918	1/29/2018	<0.0057	U		0.0013	J		<0.0052	U		<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-11-8-050118	5/1/2018	<0.0066	U		0.0014	J		<0.0061	U		<0.0061	U		0.0014	J		<0.0032	U		<0.0054	U		<0.0054	U	
	29 ft	VMP-11-29-072617	7/26/2017	<0.0064	U		0.0014	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-11-29-110317	11/3/2017	<0.006	U		0.001	J		<0.0055	U		<0.0055	U		0.0048	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-11-29-012918	1/29/2018	<0.0058	U		0.0012	J		<0.0052	U		<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-11-29-050118	5/1/2018	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.003	J		<0.0033	U		<0.0056	U		<0.0056	U	
	38 ft	VMP-11-38-072617	7/26/2017	<0.0064	U		0.0013	J		<0.0059	U		<0.0059	U		0.00087	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-11-38-110317	11/3/2017	0.00085	J		<0.0068	U		<0.0059	U		<0.0059	U		0.0065			<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-11-38-110317-DUP	11/3/2017	<0.0059	U		0.0013	J		<0.0054	U		<0.0054	U		0.0074			<0.0028	U		0.00077	J		<0.0048	U	
		VMP-11-38-012918	1/29/2018	<0.0058	U		0.0016	J		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-11-38-050118	5/1/2018	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
VMP-12	5 ft	VMP-12-5-072817	7/28/2017	<0.0064	U		0.0017	J		0.0041	J		0.002	J		0.0011	J		<0.003	U		0.041			0.012		
		VMP-12-5-110217	11/2/2017	<0.0064	U		0.0011	J		0.0098			0.0035	J		0.0015	J		<0.003	U		0.082			0.027		
		VMP-12-5-013018	1/30/2018	<0.0059	U		<0.0062	U		0.02			0.0024	J		0.046			<0.0028	U		0.0044	J		0.0013	J	
		VMP-12-5-043018	4/30/2018	<0.0061	U		0.0013	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
	11.5 ft	VMP-12-11.5-072817	7/28/2017	<0.0068	U		0.0015	J		<0.0062	U		<0.0062	U		0.0038	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-12-11.5-110217	11/2/2017	<0.0062	U		0.0011	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		0.001	J		<0.005	U	
		VMP-12-11.5-013018	1/30/2018	<0.0057	U		0.0014	J		0.36			0.01			0.02			<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-12-11.5-043018	4/30/2018	<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		0.0021	J		<0.0052	U	
	25 ft	VMP-12-25-072817	7/28/2017	<0.0064	U		0.0014	J		<0.0058	U		<0.0058	U		0.0093			<0.003	U		<0.0052	U		<0.0052	U	
		VMP-12-25-110217	11/2/2017	<0.0066	U		0.0011	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		0.0033	J		0.0011	J	
		VMP-12-25-013018	1/30/2018	<0.006	U		0.0013	J		0.0015	J		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-12-25-043018	4/30/2018	<0.0061	U		<0.0063	U		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-12-25-043018-DUP	4/30/2018	<0.0061	U		<0.0064	U		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
	39 ft	VMP-12-39-072817	7/28/2017	<1.6	U		<1.7	U		<1.5	U		<1.5	U		2200		J	<0.77	U		<1.3	U		<1.3	U	
		VMP-12-39-072817-DUP	7/28/2017	<3.1	U		<3.2	U		<2.8	U		<2.8	U		3100		J	<1.4	U		<2.5	U		<2.5	U	
		VMP-12-39-110217	11/2/2017	<6.3	U		<6.5	U		<5.7	U		<5.7	U		4400			<3	U		<5	U		<5	U	
		VMP-12-39-110217-DUP	11/2/2017	<6.3	U		<6.5	U		<5.7	U		<5.7	U		4300			<3	U		<5	U		<5	U	
		VMP-12-39-013018	1/30/2018	<0.6	U		<0.63	U		<0.55	U		<0.55	U		570			<0.29	U		<0.49	U		<0.49	U	
		VMP-12-39-043018	4/30/2018	<0.0065	U		<0.0068	U		<0.006	U		<0.006	U		1.2			<0.0031	U		<0.0053	U		<0.0053	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	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				12			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	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-072717	7/27/2017	<0.0061	U		0.0016	J		<0.0056	U		<0.0056	U		0.0048	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-13-5-103017	10/30/2017	<0.006	U		0.0011	J		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-13-5-012918	1/29/2018	<0.0054	U		0.0015	J		<0.005	U		<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-13-5-033018	3/30/2018	<0.0063	U		0.0012	J		0.00064	J		<0.0057	U		0.0034	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-13-5-041018	4/10/2018	<0.006	U		0.0013	J		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
	10.5 ft	VMP-13-10.5-072717	7/27/2017	<0.0062	U		0.002	J		<0.0056	U		<0.0056	U		0.024			<0.0029	U		0.002	J		<0.005	U	
		VMP-13-10.5-103017	10/30/2017	<0.006	U		0.0017	J		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-13-10.5-012918	1/29/2018	<0.0059	U		<0.0062	U		<0.0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-13-10.5-033018	3/30/2018	<0.0064	U		0.0013	J		<0.0058	U		<0.0058	U		0.00098	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-13-10.5-041018	4/10/2018	<0.0071	U		0.0015	J		<0.0065	U		<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
	21.5 ft	VMP-13-21.5-072717	7/27/2017	<0.0062	U		<0.0065	U		<0.0057	U		<0.0057	U		0.0011	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-13-21.5-103017	10/30/2017	<0.006	U		0.0012	J		<0.0055	U		<0.0055	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-13-21.5-012918	1/29/2018	<0.0058	U		0.0013	J		<0.0052	U		<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-13-21.5-033018	3/30/2018	<0.0064	U		0.001	J		<0.0058	U		<0.0058	U		0.0038	J		<0.003	U		0.00071	J		0.00025	J	
		VMP-13-21.5-041018	4/10/2018	<0.0064	U		0.0013	J		<0.0058	U		<0.0058	U		0.00065	J		<0.003	U		<0.0052	U		<0.0052	U	
	29.5 ft	VMP-13-29.5-072717	7/27/2017	<0.007	U		0.0017	J		<0.0064	U		<0.0064	U		0.0029	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-13-29.5-103017	10/30/2017	<0.0064	U		0.0017	J		<0.0059	U		<0.0059	U		<0.0056	J	U	<0.003	U		0.0025	J		<0.0052	U	
		VMP-13-29.5-012918	1/29/2018	<0.0059	U		0.0012	J		<0.0054	U		<0.0054	U		0.0016	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-13-29.5-012918-DUP	1/29/2018	<0.0061	U		<0.0064	U		<0.0056	U		<0.0056	U		0.0018	J		<0.0029	U		<0.005	U		<0.005	U	
		VMP-13-29.5-033018	3/30/2018	<0.0063	U		0.00094	J		<0.0057	U		<0.0057	U		0.0028	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-13-29.5-033018-DUP	3/30/2018	<0.0065	U		0.0012	J		<0.0059	U		<0.0059	U		0.0028	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-13-29.5-041018	4/10/2018	<0.0068	U		0.0013	J		<0.0062	U		<0.0062	U		0.00051	J		<0.0032	U		<0.0055	U		<0.0055	U	
VMP-14	5 ft	VMP-14-5-071917	7/19/2017	<0.0068	U		0.0017	J		<0.0062	U		<0.0062	U		0.0063			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-14-5-103017	10/30/2017	<0.006	U		<0.0063	U		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-14-5-012518	1/25/2018	<0.0064	U		0.0016	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-14-5-041718	4/17/2018	<0.0069	U		0.0016	J		<0.0063	U		<0.0063	U		0.0028	J		<0.0033	U		<0.0056	U		<0.0056	U	
	11.5 ft	VMP-14-11.5-071917	7/19/2017	<0.0068	U		0.0012	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-14-11.5-103017	10/30/2017	<0.0062	U		0.0012	J		<0.0056	U		<0.0056	U		<0.0054	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-14-11.5-012518	1/25/2018	<0.0062	U		<0.0065	U		<0.0056	U		<0.0056	U		<0.0054	U		<0.0029	U		0.0027	J		0.0013	J	
		VMP-14-11.5-041718	4/17/2018	<0.0069	U		0.0016	J		<0.0063	U		<0.0063	U		0.002	J		<0.0033	U		<0.0056	U		<0.0056	U	
	20 ft	VMP-14-20-071917	7/19/2017	<0.069	U		<0.072	U		<0.063	U		<0.063	U		0.021	J		<0.033	U		<0.056	U		<0.056	U	
		VMP-14-20-103017	10/30/2017	<0.0061	U		<0.0063	U		<0.0056	U		<0.0056	U		0.0044	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-14-20-012518	1/25/2018	<0.0065	U		<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-14-20-041718	4/17/2018	<0.0067	U		<0.007	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		0.0013	J		<0.0054	U	
	29 ft	VMP-14-29-103017	10/30/2017	<0.006	U		0.0013	J		<0.0055	U		<0.0055	U		<0.0052	J	U	<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-14-29-012518	1/25/2018	<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		0.0012	J		<0.0052	U	
		VMP-14-29-042718	4/27/2018	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.002	J		<0.0033	U		<0.0056	U		<0.0056	U	
VMP-15	5 ft	VMP-15-5-072617	7/26/2017	<0.0066	U		0.0014	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-15-5-110217	11/2/2017	<0.0065	U		0.0011	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-15-5-013018	1/30/2018	<0.0063	U		<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-15-5-043018	4/30/2018	<0.0062	U		<0.0064	U		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
	21.5 ft	VMP-15-21.5-072617	7/26/2017	<0.028	U		<0.029	U		<0.025	U		<0.025	U		6.6			<0.013	U		<0.022	U		<0.022	U	
		VMP-15-21.5-110217	11/2/2017	<0.0065	U		0.0012	J		<0.0059	U		<0.0059	U		0.0008	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-15-21.5-013018	1/30/2018	<0.0063	U		<0.0065	U		<0.0057	U		<0.0057	U		0.0023	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-15-21.5-043018	4/30/2018	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		0.00089	J		<0.0031	U		<0.0052	U		<0.0052	U	
	25.5 ft	VMP-15-25.5-072617	7/26/2017	<0.11	U		<0.12	U		<0.1	U		<0.1	U		22			<0.054	U		<0.091	U		<0.091	U	
		VMP-15-25.5-110217	11/2/2017	<0.0064	U		<0.0067	U		<0.0059	U		<0.0059	U		0.0012	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-15-25.5-013018	1/30/2018	<0.0062	U		<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-15-25.5-043018	4/30/2018	<0.006	U		<0.0063	U		<0.0055	U		<0.0055	U		0.0013	J		<0.0028	U		<0.0048	U		<0.0048	U	
	29 ft	VMP-15-29-013018	1/30/2018	<0.0062	U		<0.0065	U		<0.0057	U		<0.0057	U		0.0077			<0.003	U		<0.005	U		<0.005	U	
		VMP-15-29-043018	4/30/2018	<0.0064	U		<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	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				12			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	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-072817	7/28/2017	<0.0065	U		0.0013	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		0.00086	J		<0.0052	U	
		VMP-16-5-110217	11/2/2017	<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-16-5-013018	1/30/2018	<0.006	U		0.0016	J		<0.0055	U		<0.0055	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-16-5-043018	4/30/2018	<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		0.0015	J		<0.003	U		<0.0052	U		<0.0052	U	
	13.5 ft	VMP-16-13.5-072817	7/28/2017	<1.3	U		<1.4	U		<1.2	U		<1.2	U		1700			<0.62	U		<1	U		<1	U	
		VMP-16-13.5-110217	11/2/2017	<2.2	U		<2.3	U		<2	U		<2	U		1800			<1	U		<1.8	U		<1.8	U	
		VMP-16-13.5-013018	1/30/2018	<1.1	U		<1.2	U		<1	U		<1	U		970			<0.54	U		<0.91	U		<0.91	U	
		VMP-16-13.5-013018-DUP	1/30/2018	<1.1	U		<1.2	U		<1	U		<1	U		970			<0.54	U		<0.91	U		<0.91	U	
		VMP-16-13.5-043018	4/30/2018	<1.6	U		<1.7	U		<1.5	U		<1.5	U		820			<0.77	U		<1.3	U		<1.3	U	
	19 ft	VMP-16-19-072817	7/28/2017	<1.4	U		<1.4	U		41			6.4			2500			<0.66	U		6.8			0.83	J	
		VMP-16-19-110217	11/2/2017	<2.2	U		<2.3	U		44			7.4			3000			<1	U		7.9			1.1	J	
		VMP-16-19-013018	1/30/2018	<2.9	U		<3.1	U		28			5			2900			<1.4	U		6.9			0.88	J	
		VMP-16-19-043018	4/30/2018	<4.2	U		<4.4	U		14			3.4	J		2200			<2	U		3.8			0.6	J	
	31 ft	VMP-16-31-072817	7/28/2017	<1.7	U		<1.8	U		51			1.8			2100			<0.8	U		1.7			0.48	J	
		VMP-16-31-110217	11/2/2017	<2.1	U		<2.2	U		61			2.2			2700			<0.99	U		1.7			<1.7	U	
		VMP-16-31-013018	1/30/2018	<2	U		<2	U		26			<1.8	U		2800			<0.93	U		1.5	J		<1.6	U	
		VMP-16-31-043018	4/30/2018	<4	U		<4.2	U		32			2.2	J		2300			<1.9	U		<3.2	U		<3.2	U	
VMP-17	5 ft	VMP-17-5-071917	7/19/2017	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-17-5-110217	11/2/2017	<0.0066	U		0.0014	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-17-5-012418	1/24/2018	<0.0062	U		0.0014	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-17-5-042418	4/24/2018	<0.0064	U		0.0015	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-17-5-042418-DUP	4/24/2018	<0.0063	U		<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
VMP-25	5 ft	VMP-25-5-080117	8/1/2017	<0.0059	U		0.00094	J		<0.0054	U		<0.0054	U		0.0015	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-25-5-110217	11/2/2017	<0.0062	U		<0.0064	U		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-25-5-013018	1/30/2018	<0.0054	U		<0.0057	U		0.01			0.006			0.09			<0.0026	U		0.0097			0.0043	J	
		VMP-25-5-042618	4/26/2018	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		0.004	J		<0.0032	U		<0.0054	U		<0.0054	U	
	21 ft	VMP-25-21-080117	8/1/2017	<0.0063	U		0.0012	J		0.00099	J		<0.0058	U		0.004	J		<0.003	U		0.0016	J		<0.0051	U	
		VMP-25-21-110217	11/2/2017	<0.0059	U		0.001	J		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-25-21-013018	1/30/2018	<0.0058	U		<0.0061	U		0.0016	J		0.00079	J		0.0064			<0.0028	U		0.0018	J		<0.0047	U	
		VMP-25-21-013018-DUP	1/30/2018	<0.0056	U		0.0015	J		0.0014	J		0.00061	J		0.0052			<0.0026	U		0.001	J		<0.0045	U	
		VMP-25-21-042618	4/26/2018	<0.0064	U		0.0028	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
	31 ft	VMP-25-31-080117	8/1/2017	<10	U		<11	U		<9.3	U		<9.3	U		530			<4.8	U		<8.2	U		<8.2	U	
		VMP-25-31-080117-DUP	8/1/2017	<12	U		<12	U		<10	U		<10	U		610			<5.5	U		<9.3	U		<9.3	U	
		VMP-25-31-110217	11/2/2017	<2.2	U		<2.3	U		0.67	J		<2	U		660			<1	U		1.1	J		<1.8	U	
		VMP-25-31-110217-DUP	11/2/2017	<2	U		<2.1	U		0.45	J		<1.9	U		710			<0.98	U		1.2	J		<1.6	U	
		VMP-25-31-013018	1/30/2018	<1.8	U		<1.9	U		<1.7	U		<1.7	U		550			<0.86	U		1.4	J		<1.5	U	
		VMP-25-31-013018-DUP	1/30/2018	<1.9	U		<2	U		<1.7	U		<1.7	U		620			<0.91	U		1.9			<1.5	U	
VMP-29	10 ft	VMP-29-10-072717	7/27/2017	<0.013	U		<0.013	U		<0.012	U		<0.012	U		<0.011	U		<0.006	U		<0.01	U		<0.01	U	
		VMP-29-10-102717	10/27/2017	<0.0061	U		0.0014	J		0.0077			0.0034	J		0.0023	J		<0.0029	U		0.063			0.023		
		VMP-29-10-012518	1/25/2018	<0.0067	U		0.0014	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-29-10-041718	4/17/2018	<0.0063	U		0.0014	J		0.00049	J		<0.0057	U		0.00057	J		<0.003	U		0.0021	J		0.00061	J	
	18 ft	VMP-29-18-072717	7/27/2017	<0.013	U		<0.014	U		0.0086	J		0.0028	J		0.0046	J		<0.0063	U		0.072			0.025		
		VMP-29-18-102717	10/27/2017	<0.0061	U		0.0015	J		0.0099			0.0042	J		<0.0053	U		<0.0029	U		0.086			0.029		
		VMP-29-18-012518	1/25/2018	<0.0063	U		0.0014	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-29-18-041718	4/17/2018	<0.006	U		0.0014	J		<0.0055	J	U	<0.0055	U		<0.0052	U		<0.0028	U		0.0043	J		<0.0048	J	U
	26 ft	VMP-29-26-072717	7/27/2017	<0.042	U		<0.044	U		<0.038	U		<0.038	U		0.097			<0.02	U		0.022	J		<0.034	U	
		VMP-29-26-072717-DUP	7/27/2017	<0.04	U		<0.041	U		<0.036	U		<0.036	U		0.1			<0.019	U		0.021	J		<0.032	U	
		VMP-29-26-102717	10/27/2017	<0.006	U		0.0011	J		0.011			0.0068			0.0026	J		<0.0028	U		0.015			0.0053		
		VMP-29-26-102717-DUP	10/27/2017	<0.0058	U		0.0013	J		0.0059			0.0032	J		0.0018	J		<0.0028	U		0.011			0.0038	J	
		VMP-29-26-012518	1/25/2018	<0.0063	U		0.0014	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-29-26-041718	4/17/2018	<0.0066	U		0.0018	J		<0.006	J	U	<0.006	U		<0.0057	U		<0.0031	U		0.0045	J		<0.0053	J	U
		VMP-29-26-041718-DUP	4/17/2018	<0.006	U		0.0014	J		<0.0055	J	U	<0.0055	U		0.0014	J		<0.0029	U		0.0051			<0.0049	J	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	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				12			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	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-30	10 ft	VMP-30-10-072717	7/27/2017	<0.016	U		<0.017	U		<0.015	U		<0.015	U		0.73			<0.0077	U		0.0071	J		<0.013	U	
		VMP-30-10-102717	10/27/2017	<0.0062	U		0.0013	J		0.01			0.0034	J		<0.0054	U		<0.003	U		0.055			0.02		
		VMP-30-10-012518	1/25/2018	<0.0058	U		0.0013	J		<0.0053	U		<0.0053	U		<0.0051	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-30-10-041718	4/17/2018	<0.0063	U		0.002	J		<0.0058	U	U	<0.0058	U		0.0011	J		<0.003	U		0.0026	J		<0.0051	J	U
	18 ft	VMP-30-18-072717	7/27/2017	<0.051	U		<0.053	U		<0.047	U		<0.047	U		0.016	J		<0.024	U		<0.041	U		<0.041	U	
		VMP-30-18-102717	10/27/2017	<0.0065	U		0.0015	J		0.0063			0.002	J		<0.0056	U		<0.0031	U		0.04			0.013		
		VMP-30-18-012518	1/25/2018	<0.006	U		0.0012	J		<0.0055	U		<0.0055	U		0.0017	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-30-18-012518-DUP	1/25/2018	<0.006	U		0.0014	J		<0.0055	U		<0.0055	U		0.0017	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-30-18-041718	4/17/2018	<0.0066	U		0.0016	J		<0.0061	U	U	<0.0061	U		0.0096			<0.0032	U		0.00094	J		<0.0054	U	
	26 ft	VMP-30-26-072717	7/27/2017	<0.013	U		<0.014	U		<0.012	U		<0.012	U		0.0081	J		<0.0062	U		<0.01	U		<0.01	U	
		VMP-30-26-102717	10/27/2017	<0.006	U		0.0015	J		0.012			0.0036	J		0.0011	J		<0.0029	U		0.099			0.03		
		VMP-30-26-012518	1/25/2018	<0.0061	U		0.0017	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-30-26-041718	4/17/2018	<0.0066	U		<0.0069	U		<0.006	J	U	<0.006	U		0.0012	J		<0.0031	U		0.0099			<0.0053	J	U
VMP-41	10 ft	VMP-41-10-072717	7/27/2017	<0.0062	U		0.0014	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-41-10-102717	10/27/2017	<0.0059	U		0.0015	J		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-41-10-012418	1/24/2018	<0.006	U		0.0014	J		<0.0055	U		<0.0055	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-41-10-042018	4/20/2018	<0.0062	U		<0.0064	U		<0.0056	U		<0.0056	U		<0.0053	J	U	<0.0029	U		<0.005	U		<0.005	U	
	20 ft	VMP-41-20-072717	7/27/2017	<0.0064	U		0.0014	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-41-20-102717	10/27/2017	<0.0062	U		0.0014	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-41-20-012418	1/24/2018	<0.0061	U		0.0015	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-41-20-050118	5/1/2018	<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
	26 ft	VMP-41-26-072717	7/27/2017	<0.006	U		0.0016	J		<0.0055	U		<0.0055	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-41-26-072717-DUP	7/27/2017	<0.0067	U		0.0019	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-41-26-102717	10/27/2017	<0.0062	U		0.0015	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-41-26-102717-DUP	10/27/2017	<0.006	U		0.0015	J		<0.0055	U		<0.0055	U		0.00074	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-41-26-012418	1/24/2018	<0.0057	U		0.0013	J		<0.0052	U		<0.0052	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-41-26-042018	4/20/2018	<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-41-26-042018-DUP	4/20/2018	<0.0062	U		<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
VMP-55	5 ft	VMP-55-5-072617	7/26/2017	<0.012	U		<0.012	U		0.0042	J		0.0021	J		0.026			<0.0056	U		0.083			0.022		
		VMP-55-5-110217	11/2/2017	<0.0062	U		<0.0065	U		<0.0056	U		<0.0056	U		0.026			<0.0029	U		0.0011	J		<0.005	U	
		VMP-55-5-013018	1/30/2018	<0.0059	U		<0.0062	U		<0.0054	U		<0.0054	U		0.02			<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-55-5-043018	4/30/2018	<0.0068	U		<0.0071	U		0.0033	J		0.0014	J		0.003	J		<0.0032	U		<0.0055	U		<0.0055	U	
	20 ft	VMP-55-20-072617	7/26/2017	<0.33	U		<0.35	U		<0.3	U		<0.3	U		250		J	<0.16	U		<0.27	U		<0.27	U	
		VMP-55-20-110217	11/2/2017	<1.6	U		<1.7	U		<1.5	U		<1.5	U		270			<0.76	U		<1.3	U		<1.3	U	
		VMP-55-20-013018	1/30/2018	<0.66	U		<0.69	U		<0.6	U		<0.6	U		210		J	<0.31	U		<0.53	U		<0.53	U	
		VMP-55-20-043018	4/30/2018	<8	U		<8.4	U		<7.3	U		<7.3	U		320			<3.8	U		<6.5	U		<6.5	U	

Notes:
Yellow highlighted cells indicate readings that exceed industrial screening criterion.
* = Analytical results indicate anomalous readings compared to previous results. VMP location resampled to verify results from the laboratory.
Blank cells in Result column indicate that analyte was not on target analyte list.
VMP-25-31 was no longer sampled after 1Q18 due to potential concerns with port integrity.

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
UJ = Estimated non-detect
U = Non-detect due to blank contamination
ND, UJ = Non-detected compound associated with low bias in the continuing calibration verification

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-1-5-072417	7/24/2017	1.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00013	J		80			19		
		VMP-1-5-102617	10/26/2017	0.63			<0.023	U		<0.0023	U		<0.0023	U		0.38			<0.00023	U		78			21		
		VMP-1-5-012618	1/26/2018	0.14			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00015	J		79			21		
		VMP-1-5-042718	4/27/2018	0.15			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
	8.5 ft	VMP-1-8.5-072417	7/24/2017	0.91			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-1-8.5-102617	10/26/2017	0.46			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			21		
		VMP-1-8.5-012418	1/24/2018	0.14			<0.022	U		<0.0022	U		<0.0022	U		0.011	J		<0.00022	U		79			21		
		VMP-1-8.5-042718	4/27/2018	0.17			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
	23.5 ft	VMP-1-23.5-072417	7/24/2017	0.91			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-1-23.5-102617	10/26/2017	0.62			<0.024	U		<0.0024	U		<0.0024	U		0.053	J		<0.00024	U		78			21		
		VMP-1-23.5-012618	1/26/2018	0.25			<0.022	U		<0.0022	U		<0.0022	U		0.39			0.00016	J		78			21		
		VMP-1-23.5-042718	4/27/2018	0.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
VMP-2	5 ft	VMP-2-5-072417	7/24/2017	6.4			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			14		
		VMP-2-5-102617	10/26/2017	3.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			18		
		VMP-2-5-012918	1/29/2018	1.3			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-2-5-032818	3/28/2018	1.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-2-5-041018	4/10/2018	1.2			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			20		
	8.5 ft	VMP-2-8.5-072417	7/24/2017	4.1			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			16		
		VMP-2-8.5-102617	10/26/2017	4.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			17		
		VMP-2-8.5-012918	1/29/2018	2.2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			20		
		VMP-2-8.5-032818	3/28/2018	1.7			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			20		
		VMP-2-8.5-041018	4/10/2018	1.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			20		
	22 ft	VMP-2-22-072417	7/24/2017	2.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
		VMP-2-22-072417-DUP	7/24/2017	2.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			18		
		VMP-2-22-102617	10/26/2017	3.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			18		
		VMP-2-22-012918	1/29/2018	1.7			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			20		
		VMP-2-22-032818	3/28/2018	1.6			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			20		
		VMP-2-22-041018	4/10/2018	2			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			19		
VMP-3	5 ft	VMP-3-5-072017	7/20/2017	1.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			19		
		VMP-3-5-102617	10/26/2017	0.076			<0.025	U		<0.0025	U		<0.0025	U		1.6			0.00017	J		77			21		
		VMP-3-5-012318	1/23/2018	0.13			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00013	J		79			21		
		VMP-3-5-042718	4/27/2018	0.053			<0.024	U		<0.0024	U		<0.0024	U		0.054	J		0.00021	J		79			21		
	10 ft	VMP-3-10-072017	7/20/2017	1.3			<0.026	U		<0.0026	U		<0.0026	U		0.017	J		<0.00026	U		80			19		
		VMP-3-10-102617	10/26/2017	0.13			<0.025	U		<0.0025	U		<0.0025	U		0.18			0.00019	J		79			21		
		VMP-3-10-012318	1/23/2018	0.049			<0.022	U		<0.0022	U		<0.0022	U		0.39			0.00024			78			21		
		VMP-3-10-042718	4/27/2018	0.22			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00026			79			21		
	22 ft	VMP-3-22-072017	7/20/2017	1.3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
		VMP-3-22-102617	10/26/2017	0.84			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
		VMP-3-22-012318	1/23/2018	0.62			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			21		
		VMP-3-22-042718	4/27/2018	0.38			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
	31.5 ft	VMP-3-31.5-072017	7/20/2017	3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0011			80			17		
		VMP-3-31.5-102617	10/26/2017	3.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.021			78			18		
		VMP-3-31.5-102617-DUP	10/26/2017	3.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.021			78			18		
		VMP-3-31.5-042718	4/27/2018	3.5			<0.023	U		<0.0023	U		<0.0023	U		0.096	J		<0.00023	U		78			19		
	39 ft	VMP-3-39-042718	4/27/2018	5.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00055			79			15		
		VMP-3-39-042718-DUP	4/27/2018	5.8			<0.025	U		<0.0025	U		<0.0025	U		0.041	J		0.00047			78			16		

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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-4-5-072517	7/25/2017	0.57			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-4-5-110117	11/1/2017	0.11			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-4-5-012318	1/23/2018	0.068			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-4-5-041118	4/11/2018	0.23			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
	12 ft	VMP-4-12-072517	7/25/2017	1.4			<0.024	U		<0.0024	U		<0.0024	U		0.032	J		<0.00024	U		80			19		
		VMP-4-12-110117	11/1/2017	1.1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-4-12-012318	1/23/2018	0.48			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			21		
		VMP-4-12-041118	4/11/2018	0.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0002	J		79			21		
	23.5 ft	VMP-4-23.5-072517	7/25/2017	1.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.004			80			19		
		VMP-4-23.5-072517-DUP	7/25/2017	1.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0042			80			19		
		VMP-4-23.5-110117	11/1/2017	1.9			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.0034			79			19		
		VMP-4-23.5-012318	1/23/2018	2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00028			79			19		
		VMP-4-23.5-041118	4/11/2018	1.6			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00019	J		79			19		
		VMP-4-23.5-041118-DUP	4/11/2018	1.7			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00017	J		79			19		
VMP-5	5 ft	VMP-5-5-072017	7/20/2017	0.11			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00018	J		80			20		
		VMP-5-5-103017	10/30/2017	0.074			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00024			79			21		
		VMP-5-5-012518	1/25/2018	0.092			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00022			79			21		
		VMP-5-5-041618	4/16/2018	0.087			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		0.00015	J		79			21		
	12.5 ft	VMP-5-12.5-072017	7/20/2017	0.43			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-5-12.5-102017	10/30/2017	0.31			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		0.00012	J		79			21		
		VMP-5-12.5-012518	1/25/2018	0.26			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			21		
		VMP-5-12.5-041618	4/16/2018	0.24			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00018	J		79			21		
	31 ft	VMP-5-31-072017	7/20/2017	0.71			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-5-31-072017-DUP	7/20/2017	0.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-5-31-103017	10/30/2017	0.59			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			21		
		VMP-5-31-012518	1/25/2018	0.64			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00026			79			20		
		VMP-5-31-041618	4/16/2018	0.62			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00018	J		79			20		
	40 ft	VMP-5-40-012518	1/25/2018	0.82			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.00045			79			20		
		VMP-5-40-041618	4/16/2018	0.79			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00018	J		79			20		
		VMP-5-40-041618-DUP	4/16/2018	0.8			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.0002	J		79			20		
VMP-6	5 ft	VMP-6-5-072117	7/21/2017	0.046			<0.024	U		<0.0024	U		<0.0024	U		0.59			0.00019	J		79			20		
		VMP-6-5-103117	10/31/2017	0.044			<0.021	U		<0.0021	U		<0.0021	U		0.61			<0.00022		U	78			21		
		VMP-6-5-012418	1/24/2018	0.046			<0.022	U		<0.0022	U		<0.0022	U		0.21			0.0002	J		79			21		
		VMP-6-5-042318	4/23/2018	0.084			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00011	J		79			21		
	10 ft	VMP-6-10-072117	7/21/2017	0.57			<0.023	U		<0.0023	U		<0.0023	U		0.57			<0.00023	U		79			20		
		VMP-6-10-103117	10/31/2017	0.12			<0.021	U		<0.0021	U		<0.0021	U		0.065	J		<0.00021	U		79			21		
		VMP-6-10-012418	1/24/2018	0.091			<0.022	U		<0.0022	U		<0.0022	U		0.28			0.00015	J		79			21		
		VMP-6-10-042318	4/23/2018	0.22			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
	31.5 ft	VMP-6-31.5-072117	7/21/2017	1.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-6-31.5-072117-DUP	7/21/2017	1.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-6-31.5-103117	10/31/2017	1.2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-6-31.5-013118	1/31/2018	1.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-6-31.5-042318	4/23/2018	1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
	39 ft	VMP-6-39-103117	10/31/2017	1.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00052			78			20		
		VMP-6-39-103117-DUP	10/31/2017	1.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00057			78			20		
		VMP-6-39-012418	1/24/2018	0.057			<0.022	U		<0.0022	U		<0.0022	U		0.94			0.00018	J		78			21		
		VMP-6-39-012418-DUP	1/24/2018	0.059			<0.023	U		<0.0023	U		<0.0023	U		1.1			0.0002	J		78			21		
		VMP-6-39-042318	4/23/2018	1.6			<0.024	U		<0.0024	U		<0.0024	U		0.024	J		<0.00024	U		78			20		

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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-7-5-072117	7/21/2017	0.14			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00018	J		80			20		
		VMP-7-5-102517	10/25/2017	0.091			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00015	J		79			21		
		VMP-7-5-012518	1/25/2018	0.054			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00015	J		79			21		
		VMP-7-5-042318	4/23/2018	0.11			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
	13.5 ft	VMP-7-13.5-072117	7/21/2017	0.35			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-7-13.5-102517	10/25/2017	0.12			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-7-13.5-012518	1/25/2018	0.057			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00015	J		79			21		
		VMP-7-13.5-042318	4/23/2018	0.15			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			21		
	29.5 ft	VMP-7-29.5-072117	7/21/2017	1.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-7-29.5-102517	10/25/2017	1.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-7-29.5-012518	1/25/2018	0.75			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
		VMP-7-29.5-042318	4/23/2018	0.52			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			21		
	38 ft	VMP-7-38-102517	10/25/2017	2.3			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			19		
		VMP-7-38-012518	1/25/2018	1.7			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			20		
		VMP-7-38-042318	4/23/2018	1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-7-38-042318-DUP	4/23/2018	1.1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
VMP-8	5 ft	VMP-8-5-071917	7/19/2017	1.6			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-8-5-103017	10/30/2017	1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
		VMP-8-5-012218	1/22/2018	0.37			<0.023	U		<0.0023	U		<0.0023	U		0.0098	J		<0.00023	U		80			20		
		VMP-8-5-041818	4/18/2018	0.56			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00013	J		79			20		
	9.5 ft	VMP-8-9.5-071917	7/19/2017	2.8			<0.024	U		<0.0024	U		<0.0024	U		0.0089	J		<0.00024	U		79			18		
		VMP-8-9.5-103017	10/30/2017	2.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			19		
		VMP-8-9.5-012218	1/22/2018	2			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			20		
		VMP-8-9.5-041818	4/18/2018	1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
	23.5 ft	VMP-8-23.5-071917	7/19/2017	3.2			<0.025	U		<0.0025	U		<0.0025	U		0.036	J		<0.00025	U		79			18		
		VMP-8-23.5-103017	10/30/2017	3.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			18		
		VMP-8-23.5-012218	1/22/2018	2.8			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			19		
		VMP-8-23.5-012218-DUP	1/22/2018	2.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			19		
		VMP-8-23.5-041818	4/18/2018	2.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		
	35.5 ft	VMP-8-35.5-071917	7/19/2017	2.3			<0.044	U		<0.0044	U		<0.0044	U		0.22	J		<0.00044	U		80			18		
		VMP-8-35.5-071917-DUP	7/19/2017	2.3			<0.024	U		<0.0024	U		<0.0024	U		0.23			<0.00024	U		79			18		
		VMP-8-35.5-103017	10/30/2017	1.9			<0.023	U		<0.0023	U		<0.0023	U		0.048	J		<0.00023	U		79			19		
		VMP-8-35.5-042018	4/20/2018	0.44			<0.023	U		<0.0023	U		<0.0023	U		0.63			0.00009	J		79			20		
VMP-9	5 ft	VMP-9-5-071917	7/19/2017	0.33			<0.025	U		<0.0025	U		<0.0025	U		0.023	J		0.00012	J		80			20		
		VMP-9-5-110117	11/1/2017	0.089			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	J	U	80			20		
		VMP-9-5-012218	1/22/2018	0.059			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			21		
		VMP-9-5-042618	4/26/2018	0.071			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00016	J		79			21		
	11.5 ft	VMP-9-11.5-071917	7/19/2017	0.63			<0.024	U		<0.0024	U		<0.0024	U		0.49			<0.00024	U		79			20		
		VMP-9-11.5-110117	11/1/2017	0.15			<0.024	U		<0.0024	U		<0.0024	U		0.014	J		<0.00024	U		80			20		
		VMP-9-11.5-012218	1/22/2018	0.076			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-9-11.5-042618	4/26/2018	0.18			<0.024	U		<0.0024	U		<0.0024	U		0.053	J		<0.00024	U		79			21		
	25.5 ft	VMP-9-25.5-071917	7/19/2017	1.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-9-25.5-110117	11/1/2017	0.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			21		
		VMP-9-25.5-012218	1/22/2018	0.33			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-9-25.5-042618	4/26/2018	0.23			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
	38.5 ft	VMP-9-38.5-110117	11/1/2017	1.8			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			20		
		VMP-9-38.5-012218	1/22/2018	1.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-9-38.5-042618	4/26/2018	1.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			20		

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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-10-5-072717	7/27/2017	0.9			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			19		
		VMP-10-5-103017	10/30/2017	0.32			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-10-5-013118	1/31/2018	0.13			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-10-5-042018	4/20/2018	0.24			<0.023	U		<0.0023	U		<0.0023	U		0.024	J		<0.00023	U		79			21		
	10 ft	VMP-10-10-072717	7/27/2017	1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-10-10-103017	10/30/2017	0.49			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			21		
		VMP-10-10-013118	1/31/2018	0.17			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			21		
		VMP-10-10-042018	4/20/2018	0.23			<0.023	U		<0.0023	U		<0.0023	U		0.0091	J		<0.00023	U		79			21		
	20 ft	VMP-10-20-072717	7/27/2017	1.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-10-20-103017	10/30/2017	0.84			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		79			20		
		VMP-10-20-013118	1/31/2018	0.35			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			21		
		VMP-10-20-042018	4/20/2018	0.19			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
	30 ft	VMP-10-30-103017	10/30/2017	1.1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-10-30-103017-DUP	10/30/2017	1.2			<0.021	U		<0.0021	U		<0.0021	U		0.0078	J		<0.00021	U		79			20		
		VMP-10-30-013118	1/31/2018	0.092			<0.023	U		<0.0023	U		<0.0023	U		0.78			0.00017	J		78			21		
		VMP-10-30-013118-DUP	1/31/2018	0.094			<0.021	U		<0.0021	U		<0.0021	U		0.77			0.00016	J		78			21		
		VMP-10-30-043018	4/30/2018	0.33			<0.026	U		<0.0026	U		<0.0026	U		0.2			<0.00026	U		78			21		
		VMP-10-30-043018-DUP	4/30/2018	0.33			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
VMP-11	5 ft	VMP-11-5-072617	7/26/2017	1.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-11-5-110317	11/3/2017	0.26			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-11-5-012918	1/29/2018	0.15			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-11-5-050118	5/1/2018	0.38			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
	8 ft	VMP-11-8-072617	7/26/2017	1.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-11-8-110317	11/3/2017	0.73			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			21		
		VMP-11-8-012918	1/29/2018	0.54			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		78			21		
		VMP-11-8-050118	5/1/2018	0.48			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
	29 ft	VMP-11-29-072617	7/26/2017	1.8			<0.024	U		<0.0024	U		<0.0024	U		0.032	J		<0.00024	U		80			18		
		VMP-11-29-110317	11/3/2017	1.8			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			20		
		VMP-11-29-012918	1/29/2018	1.4			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		79			20		
		VMP-11-29-050118	5/1/2018	0.73			<0.026	U		<0.0026	U		<0.0026	U		0.018	J		<0.00026	U		79			20		
	38 ft	VMP-11-38-072617	7/26/2017	1.4			<0.024	U		<0.0024	U		<0.0024	U		0.018	J		<0.00024	U		80			19		
		VMP-11-38-110317	11/3/2017	0.81			<0.024	U		<0.0024	U		<0.0024	U		0.014	J		<0.00024	U		79			20		
		VMP-11-38-110317-DUP	11/3/2017	0.8			<0.022	U		<0.0022	U		<0.0022	U		0.014	J		<0.00022	U		79			20		
		VMP-11-38-012918	1/29/2018	0.37			<0.022	U		<0.0022	U		<0.0022	U		0.016	J		0.000098	J		80			20		
		VMP-11-38-050118	5/1/2018	0.43			<0.025	U		<0.0025	U		<0.0025	U		0.15			<0.00025	U		79			20		
VMP-12	5 ft	VMP-12-5-072817	7/28/2017	0.066			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00017	J		80			20		
		VMP-12-5-110217	11/2/2017	0.044			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0002	J		79			21		
		VMP-12-5-013018	1/30/2018	0.044			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00022			78			22		
		VMP-12-5-043018	4/30/2018	0.043			<0.023	U		<0.0023	U		<0.0023	U		0.022	J		0.00024			79			21		
	11.5 ft	VMP-12-11.5-072817	7/28/2017	0.26			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		81			19		
		VMP-12-11.5-110217	11/2/2017	0.059			<0.023	U		<0.0023	U		<0.0023	U		0.05	J		0.0002	J		79			21		
		VMP-12-11.5-013018	1/30/2018	0.044			<0.021	U		<0.0021	U		<0.0021	U		0.14			0.00017	J		79			21		
		VMP-12-11.5-043018	4/30/2018	0.046			<0.024	U		<0.0024	U		<0.0024	U		2.3			0.00022	J		77			21		
	25 ft	VMP-12-25-072817	7/28/2017	1.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00015	J		81			18		
		VMP-12-25-110217	11/2/2017	0.62			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00014	J		79			20		
		VMP-12-25-013018	1/30/2018	0.42			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00014	J		78			21		
		VMP-12-25-043018	4/30/2018	0.3			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00015	J		79			21		
		VMP-12-25-043018-DUP	4/30/2018	0.3			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00012	J		80			20		
	39 ft	VMP-12-39-072817	7/28/2017	10			<0.024	U		0.00035	J		<0.0024	U		<0.12	U		11			73			5.6		
		VMP-12-39-072817-DUP	7/28/2017	13			<0.046	U		0.00037	J		<0.0046	U		<0.23	U		14			70			2.5		
		VMP-12-39-110217	11/2/2017	14			<0.023	U		0.00048	J		<0.0023	U		<0.12	U		17			67			1.3		
		VMP-12-39-110217-DUP	11/2/2017	15			<0.023	U		0.00056	J		<0.0023	U		<0.12	U		17			66			1.4		
		VMP-12-39-013018	1/30/2018	15			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		4.2			79			1.4		
		VMP-12-39-043018	4/30/2018	10			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0029			83			7.3		

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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-13-5-072717	7/27/2017	0.68			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			19		
		VMP-13-5-103017	10/30/2017	0.35			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-13-5-012918	1/29/2018	0.13			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		79			21		
		VMP-13-5-033018	3/30/2018	0.048			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-13-5-041018	4/10/2018	0.094			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
	10.5 ft	VMP-13-10.5-072717	7/27/2017	0.54			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			20		
		VMP-13-10.5-103017	10/30/2017	0.38			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			20		
		VMP-13-10.5-012918	1/29/2018	0.17			<0.022	U		<0.0022	U		<0.0022	U		0.037	J		<0.00022	U		79			21		
		VMP-13-10.5-033018	3/30/2018	0.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-13-10.5-041018	4/10/2018	0.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
	21.5 ft	VMP-13-21.5-072717	7/27/2017	0.21			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			20		
		VMP-13-21.5-103017	10/30/2017	0.32			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-13-21.5-012918	1/29/2018	0.24			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		80			20		
		VMP-13-21.5-033018	3/30/2018	0.13			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-13-21.5-041018	4/10/2018	0.14			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
	29.5 ft	VMP-13-29.5-072717	7/27/2017	0.52			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-13-29.5-103017	10/30/2017	0.65			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00081			79			20		
		VMP-13-29.5-012918	1/29/2018	0.52			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.001			79			20		
		VMP-13-29.5-012918-DUP	1/29/2018	0.59			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.0012			78			21		
		VMP-13-29.5-033018	3/30/2018	0.24			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00016	J		79			21		
		VMP-13-29.5-033018-DUP	3/30/2018	0.23			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00016	J		79			21		
		VMP-13-29.5-041018	4/10/2018	0.33			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			21		
VMP-14	5 ft	VMP-14-5-071917	7/19/2017	0.53			<0.025	U		<0.0025	U		<0.0025	U		0.065	J		<0.00025	U		79			20		
		VMP-14-5-103017	10/30/2017	0.12			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-14-5-012518	1/25/2018	0.081			<0.024	U		<0.0024	U		<0.0024	U		0.027	J		0.00014	J		79			21		
		VMP-14-5-041718	4/17/2018	0.11			<0.026	U		<0.0026	U		<0.0026	U		0.0083	J		<0.00026	U		80			20		
	11.5 ft	VMP-14-11.5-071917	7/19/2017	0.55			<0.025	U		<0.0025	U		<0.0025	U		0.38			<0.00025	U		80			19		
		VMP-14-11.5-103017	10/30/2017	0.12			<0.023	U		<0.0023	U		<0.0023	U		0.028	J		<0.00023	U		79			21		
		VMP-14-11.5-012518	1/25/2018	0.078			<0.023	U		<0.0023	U		<0.0023	U		0.43			0.00014	J		78			21		
		VMP-14-11.5-041718	4/17/2018	0.12			<0.026	U		<0.0026	U		<0.0026	U		0.64			<0.00026	U		79			20		
	20 ft	VMP-14-20-071917	7/19/2017	15			<0.026	U		<0.0026	U		<0.0026	U		0.11	J		0.00052			83			1.8		
		VMP-14-20-103017	10/30/2017	14			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00035			84			1.7		
		VMP-14-20-012518	1/25/2018	13			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00012	J		84			2.7		
		VMP-14-20-041718	4/17/2018	14			<0.025	U		<0.0025	U		<0.0025	U		0.018	J		0.00034			84			2.4		
	29 ft	VMP-14-29-103017	10/30/2017	3.6			<0.022	U		<0.0022	U		<0.0022	U		0.041	J		0.00036			80			16		
		VMP-14-29-012518	1/25/2018	4.2			<0.024	U		<0.0024	U		<0.0024	U		1.1			0.00046			80			15		
		VMP-14-29-042718	4/27/2018	3.8			<0.026	U		<0.0026	U		<0.0026	U		1.8			0.00029			78			16		
VMP-15	5 ft	VMP-15-5-072617	7/26/2017	6			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		81			13		
		VMP-15-5-110217	11/2/2017	3.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			16		
		VMP-15-5-013018	1/30/2018	1.8			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			19		
		VMP-15-5-043018	4/30/2018	2.9			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			17		
	21.5 ft	VMP-15-21.5-072617	7/26/2017	15			<0.026	U		0.00052	J		<0.0026	U		<0.13	U		7.2			76			1.3		
		VMP-15-21.5-110217	11/2/2017	4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		83			13		
		VMP-15-21.5-013018	1/30/2018	13			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		81			5.8		
		VMP-15-21.5-043018	4/30/2018	12			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		86			2.1		
	25.5 ft	VMP-15-25.5-072617	7/26/2017	16			<0.025	U		0.0025	J		<0.0025	U		<0.13	U		6.7			76			1.5		
		VMP-15-25.5-110217	11/2/2017	15			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		82			2.8		
		VMP-15-25.5-013018	1/30/2018	12			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			7.6		
		VMP-15-25.5-043018	4/30/2018	14			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		83			3.4		
	29 ft	VMP-15-29-013018	1/30/2018	11			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00035			81			8.2		
		VMP-15-29-043018	4/30/2018	13			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		83			3.9		

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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-16-5-072817	7/28/2017	4.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		81			15		
		VMP-16-5-110217	11/2/2017	3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		81			16		
		VMP-16-5-013018	1/30/2018	0.83			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			21		
		VMP-16-5-043018	4/30/2018	3.6			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		82			14		
	13.5 ft	VMP-16-13.5-072817	7/28/2017	16			<0.024	U		<0.0024	U		<0.0024	U		0.065	J		0.32			82			1.5		
		VMP-16-13.5-110217	11/2/2017	15			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.93			83			1.4		
		VMP-16-13.5-013018	1/30/2018	13			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.11			85			1.5		
		VMP-16-13.5-013018-DUP	1/30/2018	13			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.11			85			1.5		
		VMP-16-13.5-043018	4/30/2018	11			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.42			84			4.9		
	19 ft	VMP-16-19-072817	7/28/2017	15			<0.026	U		0.00019	J		<0.0026	U		<0.13	U		4			78			2.1		
		VMP-16-19-110217	11/2/2017	15			<0.024	U		0.00014	J		<0.0024	U		<0.12	U		4.1			78			2.3		
		VMP-16-19-013018	1/30/2018	15			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		4.1			79			1.6		
		VMP-16-19-043018	4/30/2018	13			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		1			84			1.5		
	31 ft	VMP-16-31-072817	7/28/2017	16			<0.025	U		0.00024	J		<0.0025	U		<0.13	U		6.9			75			1.4		
		VMP-16-31-110217	11/2/2017	17			<0.023	U		0.00023	J		<0.0023	U		<0.12	U		7.9			73			1.3		
		VMP-16-31-013018	1/30/2018	16			<0.022	U		0.00016	J		<0.0022	U		<0.11	U		8			74			1.3		
		VMP-16-31-043018	4/30/2018	13			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		3.1			82			1.5		
VMP-17	5 ft	VMP-17-5-071917	7/19/2017	1.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-17-5-110217	11/2/2017	0.16			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
		VMP-17-5-012418	1/24/2018	0.085			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			22		
		VMP-17-5-042418	4/24/2018	0.24			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-17-5-042418-DUP	4/24/2018	0.23			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
VMP-18	8.5 ft	VMP-18-8.5-072717	7/27/2017	2.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			18		
		VMP-18-8.5-110317	11/3/2017	1.2			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			21		
		VMP-18-8.5-110317-DUP	11/3/2017	1.2			<0.021	U		<0.0021	U		<0.0023	U		<0.1	U		<0.00021	U		78			21		
		VMP-18-8.5-012418	1/24/2018	0.39			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00022	J		79			21		
		VMP-18-8.5-033018	3/30/2018	0.53			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
		VMP-18-8.5-041018	4/10/2018	0.55			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
VMP-19	5 ft	VMP-19-5-072717	7/27/2017	0.39			<0.024	U		<0.0024	U		<0.0024	U		1.6			0.00027			79			19		
		VMP-19-5-102517	10/25/2017	0.14			<0.023	U		<0.0023	U		<0.0023	U		1.7			0.00012	J		78			20		
		VMP-19-5-012518	1/25/2018	0.06			<0.023	U		<0.0023	U		<0.0023	U		1.4			0.00098			78			21		
		VMP-19-5-042618	4/26/2018	0.24			<0.025	U		<0.0025	U		<0.0025	U		0.16			0.0004			80			20		
VMP-20	5 ft	VMP-20-5-072417	7/24/2017	11			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		77			12		
		VMP-20-5-103117	10/31/2017	4.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		77			18		
		VMP-20-5-012218	1/22/2018	4.5			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			17		
		VMP-20-5-041218	4/12/2018	3.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			17		
	10 ft	VMP-20-10-072417	7/24/2017	13			<0.023	U		<0.0023	U		<0.0023	U		0.014	J		<0.00023	U		77			9.6		
		VMP-20-10-103117	10/31/2017	7.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			15		
		VMP-20-10-012218	1/22/2018	5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			17		
		VMP-20-10-041218	4/12/2018	3.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			18		
	25 ft	VMP-20-25-072417	7/24/2017	4.8			<0.024	U		<0.0024	U		<0.0024	U		0.021	J		<0.00024	U		79			16		
		VMP-20-25-103117	10/31/2017	6.2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			15		
		VMP-20-25-012218	1/22/2018	5.3			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			17		
		VMP-20-25-041218	4/12/2018	3.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			18		
	39.5 ft	VMP-20-39.5-041218	4/12/2018	8.2			<0.023	U		<0.0023	U		<0.0023	U		0.01	J		<0.00023	U		88			4.2		

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-21-5-072017	7/20/2017	0.73			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-21-5-103117	10/31/2017	1.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-21-5-012318	1/23/2018	0.54			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			21		
		VMP-21-5-041318	4/13/2018	0.71			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
	10 ft	VMP-21-10-072017	7/20/2017	4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			17		
		VMP-21-10-103117	10/31/2017	3.1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			18		
		VMP-21-10-012318	1/23/2018	1.8			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			20		
		VMP-21-10-041318	4/13/2018	1.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
	25 ft	VMP-21-25-072017	7/20/2017	2.8			<0.024	U		<0.0024	U		<0.0024	U		0.011	J		<0.00024	U		80			17		
		VMP-21-25-103117	10/31/2017	3.4			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			18		
		VMP-21-25-012318	1/23/2018	2.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			20		
		VMP-21-25-041318	4/13/2018	1.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			20		
	33 ft	VMP-21-33-072017	7/20/2017	2.7			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			17		
		VMP-21-33-072017-DUP	7/20/2017	2.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			17		
		VMP-21-33-103117	10/31/2017	3.7			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			18		
		VMP-21-33-012318	1/23/2018	2.8			<0.022	U		<0.0022	U		<0.0022	U		0.0087	J		<0.00022	U		78			19		
		VMP-21-33-012318-DUP	1/23/2018	2.7			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			19		
		VMP-21-33-041318	4/13/2018	2.1			<0.026	U		<0.0026	U		<0.0026	U		0.11	J		<0.00026	U		78			20		
VMP-22	5 ft	VMP-22-5-072617	7/26/2017	1.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-22-5-102617	10/26/2017	0.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			21		
		VMP-22-5-013018	1/30/2018	0.16			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-22-5-041318	4/13/2018	0.18			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
	10 ft	VMP-22-10-072617	7/26/2017	1.2			<0.024	U		<0.0024	U		<0.0024	U		0.37			0.00018	J		79			19		
		VMP-22-10-102617	10/26/2017	0.47			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
		VMP-22-10-013018	1/30/2018	0.12			<0.021	U		<0.0021	U		<0.0021	U		0.009	J		0.00019	J		79			21		
		VMP-22-10-050118	5/1/2018	0.34			<0.025	U		<0.0025	U		<0.0025	U		0.014	J		0.00017	J		79			21		
	18 ft	VMP-22-18-072617	7/26/2017	1.2			<0.027	U		<0.0027	U		<0.0027	U		0.18			<0.00027	U		80			19		
		VMP-22-18-102617	10/26/2017	0.45			<0.023	U		<0.0023	U		<0.0023	U		0.021	J		<0.00023	U		78			21		
		VMP-22-18-013018	1/30/2018	0.18			<0.021	U		<0.0021	U		<0.0021	U		0.019	J		0.00019	J		79			21		
		VMP-22-18-041318	4/13/2018	0.33			<0.026	U		<0.0026	U		<0.0026	U		0.1	J		<0.00026	U		79			21		
		VMP-22-18-041318-DUP	4/13/2018	0.32			<0.024	U		<0.0024	U		<0.0024	U		0.1	J		<0.00024	U		80			20		
	38 ft	VMP-22-38-072617	7/26/2017	1.4			<0.024	U		<0.0024	U		<0.0024	U		0.32			0.00012	J		79			19		
		VMP-22-38-072617-DUP	7/26/2017	1.4			<0.024	U		<0.0024	U		<0.0024	U		0.31			0.00013	J		79			19		
		VMP-22-38-102617	10/26/2017	0.41			<0.024	U		<0.0024	U		<0.0024	U		0.039	J		<0.00024	U		78			21		
		VMP-22-38-013018	1/30/2018	0.22			<0.023	U		<0.0023	U		<0.0023	U		0.045	J		0.00019	J		79			21		
		VMP-22-38-050118	5/1/2018	0.35			<0.025	U		<0.0025	U		<0.0025	U		0.18			0.00014	J		78			21		
VMP-23	5 ft	VMP-23-5-072017	7/20/2017	1.7			<0.024	U		<0.0024	U		<0.0024	U		0.54			<0.00024	U		79			19		
		VMP-23-5-102517	10/25/2017	0.51			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
		VMP-23-5-012318	1/23/2018	0.13			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0002	J		79			21		
		VMP-23-5-041618	4/16/2018	0.46			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			21		
	10 ft	VMP-23-10-072017	7/20/2017	0.86			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-23-10-102517	10/25/2017	0.4			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-23-10-012318	1/23/2018	0.17			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-23-10-041618	4/16/2018	0.32			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
	25 ft	VMP-23-25-072017	7/20/2017	1.6			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			19		
		VMP-23-25-102517	10/25/2017	1.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			20		
		VMP-23-25-012318	1/23/2018	1.2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-23-25-041618	4/16/2018	0.76			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			20		
	40 ft	VMP-23-40-012318	1/23/2018	2			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			20		
		VMP-23-40-041618	4/16/2018	1.8			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			20		

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-24-5-072117	7/21/2017	0.46			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00018	J		80			20		
		VMP-24-5-102517	10/25/2017	1.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-24-5-012418	1/24/2018	0.28			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00033			79			21		
		VMP-24-5-042518	4/25/2018	0.51			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00012	J		79			20		
	10 ft	VMP-24-10-072117	7/21/2017	1.7			<0.024	U		<0.0024	U		<0.0024	U		0.075	J		<0.00024	U		79			19		
		VMP-24-10-102517	10/25/2017	3			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			18		
		VMP-24-10-012418	1/24/2018	0.93			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00033			79			20		
		VMP-24-10-042518	4/25/2018	1.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
	22 ft	VMP-24-22-072117	7/21/2017	0.092			<0.024	U		<0.0024	U		<0.0024	U		0.88			0.00021	J		80			20		
		VMP-24-22-102517	10/25/2017	1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-24-22-013118	1/31/2018	0.48			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.0002	J		78			21		
		VMP-24-22-042518	4/25/2018	0.57			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00012	J		79			20		
	34 ft	VMP-24-34-072117	7/21/2017	1.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-24-34-072117-DUP	7/21/2017	1.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-24-34-102517	10/25/2017	3.2			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			18		
		VMP-24-34-012418	1/24/2018	1.3			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		0.00034			79			20		
		VMP-24-34-042518	4/25/2018	1.4			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-24-34-042518-DUP	4/25/2018	1.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
VMP-25	5 ft	VMP-25-5-080117	8/1/2017	12			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00057			85			2.8		
		VMP-25-5-110217	11/2/2017	7.7			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		84			8.4		
		VMP-25-5-013018	1/30/2018	3.7			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		85			11		
		VMP-25-5-042618	4/26/2018	4.7			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0002	J		90			5.4		
	21 ft	VMP-25-21-080117	8/1/2017	0.33			<0.024	U		<0.0024	U		<0.0024	U		3.8			0.00021	J		77			19		
		VMP-25-21-110217	11/2/2017	0.86			<0.022	U		<0.0022	U		<0.0022	U		2			0.0002	J		78			19		
		VMP-25-21-013018	1/30/2018	0.063			<0.022	U		<0.0022	U		<0.0022	U		0.23			0.00026			79			21		
		VMP-25-21-013018-DUP	1/30/2018	0.061			<0.021	U		<0.0021	U		<0.0021	U		0.23			0.00024			79			21		
		VMP-25-21-042618	4/26/2018	0.55			<0.024	U		<0.0024	U		<0.0024	U		0.067	J		0.00013	J		81			18		
	31 ft	VMP-25-31-080117	8/1/2017	12			<0.023	U		0.08			<0.0023	U		0.091	J		7.5			76			4		
		VMP-25-31-080117-DUP	8/1/2017	13			<0.026	U		0.086			<0.0026	U		0.091	J		8.2			77			1.9		
		VMP-25-31-110217	11/2/2017	14			<0.024	U		0.089			<0.0024	U		<0.12	U		9.9			74			1.4		
		VMP-25-31-110217-DUP	11/2/2017	14			<0.023	U		0.086			<0.0023	U		<0.11	U		9.7			74			1.4		
		VMP-25-31-013018	1/30/2018	14			<0.02	U		0.093			<0.002	U		<0.1	U		11			73			1.4		
		VMP-25-31-013018-DUP	1/30/2018	14			<0.021	U		0.09			<0.0021	U		<0.11	U		10			74			1.4		
VMP-29	10 ft	VMP-29-10-072717	7/27/2017	0.71			<0.047	U		<0.0047	U		<0.0047	U		<0.24	U		<0.00047	U		79			20		
		VMP-29-10-102717	10/27/2017	0.12			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00016	J		79			21		
		VMP-29-10-012518	1/25/2018	0.16			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
		VMP-29-10-041718	4/17/2018	0.11			<0.023	U		<0.0023	U		<0.0023	U		0.0082	J		<0.00023	U		79			21		
	18 ft	VMP-29-18-072717	7/27/2017	0.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00017	J		80			20		
		VMP-29-18-102717	10/27/2017	0.1			<0.023	U		<0.0023	U		<0.0023	U		0.7			0.0002	J		79			20		
		VMP-29-18-012518	1/25/2018	0.23			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-29-18-041718	4/17/2018	0.081			<0.022	U		<0.0022	U		<0.0022	U		0.021	J		0.00019	J		80			20		
	26 ft	VMP-29-26-072717	7/27/2017	0.37			<0.023	U		<0.0023	U		<0.0023	U		0.015	J		0.00021	J		80			20		
		VMP-29-26-072717-DUP	7/27/2017	0.39			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00022	J		80			20		
		VMP-29-26-102717	10/27/2017	0.1			<0.022	U		<0.0022	U		<0.0022	U		2.3			0.00017	J		78			20		
		VMP-29-26-102717-DUP	10/27/2017	0.1			<0.022	U		<0.0022	U		<0.0022	U		2.3			0.00016	J		78			20		
		VMP-29-26-012518	1/25/2018	0.4			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-29-26-041718	4/17/2018	0.12			<0.024	U		<0.0024	U		<0.0024	U		0.023	J		0.00024	J		79			21		
		VMP-29-26-041718-DUP	4/17/2018	0.11			<0.022	U		<0.0022	U		<0.0022	U		0.021	J		0.0002	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-30	10 ft	VMP-30-10-072717	7/27/2017	0.086			<0.024	U		<0.0024	U		<0.0024	U		0.08	J		<0.00024	U		80			20		
		VMP-30-10-102717	10/27/2017	0.057			<0.023	U		<0.0023	U		<0.0023	U		0.043	J		0.00015	J		79			21		
		VMP-30-10-012518	1/25/2018	0.056			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-30-10-041718	4/17/2018	0.054			<0.024	U		<0.0024	U		<0.0024	U		0.018	J		0.00016	J		79			21		
	18 ft	VMP-30-18-072717	7/27/2017	0.23			<0.024	U		<0.0024	U		<0.0024	U		0.28			<0.00024	U		79			20		
		VMP-30-18-102717	10/27/2017	0.12			<0.024	U		<0.0024	U		<0.0024	U		0.079	J		0.00014	J		79			21		
		VMP-30-18-012518	1/25/2018	0.14			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-30-18-012518-DUP	1/25/2018	0.15			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-30-18-041718	4/17/2018	0.074			<0.025	U		<0.0025	U		<0.0025	U		0.1	J		0.00017	J		79			21		
	26 ft	VMP-30-26-072717	7/27/2017	0.28			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-30-26-102717	10/27/2017	0.064			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00016	J		79			21		
		VMP-30-26-012518	1/25/2018	0.19			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00014	J		79			21		
		VMP-30-26-041718	4/17/2018	0.057			<0.025	U		<0.0025	U		<0.0025	U		0.013	J		0.00022	J		79			21		
VMP-32	5 ft	VMP-32-5-072417	7/24/2017	1.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-32-5-103117	10/31/2017	1.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-32-5-012918	1/29/2018	0.64			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-32-5-032818	3/28/2018	0.42			<0.024	U		<0.0024	U		<0.0024	U		0.044	J		0.000086	J		78			21		
		VMP-32-5-041018	4/10/2018	1.2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
	10 ft	VMP-32-10-072417	7/24/2017	2.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		
		VMP-32-10-103117	10/31/2017	2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-32-10-012918	1/29/2018	1.1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-32-10-032818	3/28/2018	1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00011	J		79			20		
		VMP-32-10-041018	4/10/2018	1.2			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
	20 ft	VMP-32-20-072417	7/24/2017	0.12			<0.025	U		<0.0025	U		<0.0025	U		0.67			0.00015	J		79			20		
		VMP-32-20-103117	10/31/2017	0.076			<0.023	U		<0.0023	U		<0.0023	U		0.12			<0.00023	J	U	79			21		
		VMP-32-20-012918	1/29/2018	0.053			<0.02	U		<0.002	U		<0.002	U		0.22			0.00018	J		79			21		
		VMP-32-20-032818	3/28/2018	0.043			<0.023	U		<0.0023	U		<0.0023	U		0.6			0.00022	J		78			21		
		VMP-32-20-041018	4/10/2018	0.15			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00017	J		79			21		
	30 ft	VMP-32-30-072417	7/24/2017	0.58			<0.025	U		<0.0025	U		<0.0025	U		2.3			0.00018	J		78			19		
		VMP-32-30-072417-DUP	7/24/2017	0.63			<0.024	U		<0.0024	U		<0.0024	U		2.5			0.00016	J		78			19		
		VMP-32-30-103117	10/31/2017	0.05			<0.045	U		<0.0045	U		<0.0045	U		1.6			<0.00045	U		77			21		
		VMP-32-30-012918	1/29/2018	0.24			<0.022	U		<0.0022	U		<0.0022	U		0.35			0.0002	J		78			21		
		VMP-32-30-032818	3/28/2018	0.26			<0.023	U		<0.0023	U		<0.0023	U		1.2			0.00017	J		78			20		
		VMP-32-30-041018	4/10/2018	0.28			<0.022	U		<0.0022	U		<0.0022	U		1.9			0.0002	J		77			21		
		VMP-32-30-041018-DUP	4/10/2018	0.27			<0.021	U		<0.0021	U		<0.0021	U		1.8			0.00015	J		78			20		
VMP-41	10 ft	VMP-41-10-072717	7/27/2017	1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
		VMP-41-10-102717	10/27/2017	0.43			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			21		
		VMP-41-10-012418	1/24/2018	0.21			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-41-10-042018	4/20/2018	0.26			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			21		
	20 ft	VMP-41-20-072717	7/27/2017	1.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-41-20-102717	10/27/2017	0.74			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			20		
		VMP-41-20-012418	1/24/2018	0.44			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			21		
		VMP-41-20-050118	5/1/2018	0.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
	26 ft	VMP-41-26-072717	7/27/2017	1.1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			19		
		VMP-41-26-072717-DUP	7/27/2017	1.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-41-26-102717	10/27/2017	1.1			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			20		
		VMP-41-26-102717-DUP	10/27/2017	1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-41-26-012418	1/24/2018	0.74			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		79			20		
		VMP-41-26-042018	4/20/2018	0.43			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-41-26-042018-DUP	4/20/2018	0.44			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			21		

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-42	10 ft	VMP-42-10-072017	7/20/2017	1.6			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-42-10-110117	11/1/2017	0.99			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			20		
		VMP-42-10-012318	1/23/2018	0.42			<0.022	U		<0.0022	U		<0.0022	U		0.055	J		<0.00022	U		78			21		
		VMP-42-10-041918	4/19/2018	0.31			<0.022	U		<0.0022	U		<0.0022	U		0.012	J		<0.00022	U		79			21		
	20 ft	VMP-42-20-072017	7/20/2017	2.1			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			18		
		VMP-42-20-110117	11/1/2017	2.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			19		
		VMP-42-20-012318	1/23/2018	1.4			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			20		
		VMP-42-20-041918	4/19/2018	0.76			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
	30 ft	VMP-42-30-072017	7/20/2017	1.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
		VMP-42-30-110117	11/1/2017	2.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			19		
		VMP-42-30-110117-DUP	11/1/2017	2.2			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		79			19		
		VMP-42-30-012318	1/23/2018	1.9			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		78			20		
		VMP-42-30-041918	4/19/2018	0.93			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			20		
VMP-43	10 ft	VMP-43-10-072417	7/24/2017	0.25			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00015	J		80			20		
		VMP-43-10-102717	10/27/2017	0.2			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00016	J		79			21		
		VMP-43-10-012618	1/26/2018	0.096			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		0.00015	J		78			22		
		VMP-43-10-041218	4/12/2018	0.11			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0002	J		79			21		
	20 ft	VMP-43-20-072417	7/24/2017	0.32			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0002	J		80			20		
		VMP-43-20-102717	10/27/2017	0.17			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00017	J		79			21		
		VMP-43-20-012618	1/26/2018	0.11			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00014	J		79			21		
		VMP-43-20-041218	4/12/2018	0.21			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00012	J		79			21		
	30 ft	VMP-43-30-072417	7/24/2017	0.44			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00012	J		80			20		
		VMP-43-30-102717	10/27/2017	0.24			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			21		
		VMP-43-30-012618	1/26/2018	0.22			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.000095	J		79			21		
		VMP-43-30-041218	4/12/2018	0.27			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-43-30-041218-DUP	4/12/2018	0.27			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
VMP-44	10 ft	VMP-44-10-072517	7/25/2017	2.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00082			80			17		
		VMP-44-10-102517	10/25/2017	1.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-44-10-012518	1/25/2018	0.2			<0.023	U		<0.0023	U		<0.0023	U		0.033	J		0.00036			79			21		
		VMP-44-10-042318	4/23/2018	0.13			<0.024	U		<0.0024	U		<0.0024	U		0.53			0.00016	J		78			21		
	20 ft	VMP-44-20-072517	7/25/2017	2.3			<0.026	U		<0.0026	U		<0.0026	U		0.092	J		0.00067			80			18		
		VMP-44-20-102517	10/25/2017	1.1			<0.024	U		<0.0024	U		<0.0024	U		0.1	J		0.00015	J		79			20		
		VMP-44-20-012518	1/25/2018	0.055			<0.023	U		<0.0023	U		<0.0023	U		0.2			0.00027			79			21		
		VMP-44-20-042718	4/27/2018	0.067			<0.024	U		<0.0024	U		<0.0024	U		1.9			0.00023	J		78			20		
	30 ft	VMP-44-30-072517	7/25/2017	2.4			<0.025	U		<0.0025	U		<0.0025	U		0.055	J		0.0009			80			18		
		VMP-44-30-102517	10/25/2017	1.1			<0.024	U		<0.0024	U		<0.0024	U		0.047	J		0.00015	J		79			20		
		VMP-44-30-102517-DUP	10/25/2017	1.1			<0.023	U		<0.0023	U		<0.0023	U		0.05	J		0.00012	J		79			20		
		VMP-44-30-012518	1/25/2018	0.051			<0.023	U		<0.0023	U		<0.0023	U		0.071	J		0.00024			79			21		
		VMP-44-30-012518-DUP	1/25/2018	0.052			<0.023	U		<0.0023	U		<0.0023	U		0.072	J		0.00023			79			21		
		VMP-44-30-052118	5/21/2018	0.13			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0002	J		80			20		
VMP-45	10 ft	VMP-45-10-072517	7/25/2017	0.12			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00015	J		80			20		
		VMP-45-10-103117	10/31/2017	0.058			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	J	U	79			21		
		VMP-45-10-012418	1/24/2018	0.055			<0.022	U		<0.0022	U		<0.0022	U		0.01	J		0.00014	J		79			21		
		VMP-45-10-041818	4/18/2018	0.13			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.000091	J		79			21		
	20 ft	VMP-45-20-072517	7/25/2017	0.21			<0.025	U		<0.0025	U		<0.0025	U		0.015	J		0.00016	J		80			20		
		VMP-45-20-103117	10/31/2017	0.084			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	J	U	79			21		
		VMP-45-20-012418	1/24/2018	0.06			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00011	J		79			21		
		VMP-45-20-041818	4/18/2018	0.19			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			20		
	30 ft	VMP-45-30-072517	7/25/2017	0.57			<0.025	U		<0.0025	U		<0.0025	U		0.78			<0.00025	U		79			20		
		VMP-45-30-103117	10/31/2017	0.39			<0.022	U		<0.0022	U		<0.0022	U		0.22			<0.00022	J	U	79			20		
		VMP-45-30-012418	1/24/2018	0.56			<0.023	U		<0.0023	U		<0.0023	U		0.088	J		0.00017	J		77			22		
		VMP-45-30-041818	4/18/2018	0.53			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0001	J		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-47	5 ft	VMP-47-5-072417	7/24/2017	0.89			<0.024	U		<0.0024	U		<0.0024	U		0.009	J		0.00023	J		80			19		
		VMP-47-5-102617	10/26/2017	0.23			<0.024	U		<0.0024	U		<0.0024	U		0.0096	J		0.00018	J		79			21		
		VMP-47-5-012618	1/26/2018	0.14			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.0002	J		79			21		
		VMP-47-5-042718	4/27/2018	0.37			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
	10 ft	VMP-47-10-072417	7/24/2017	1			<0.024	U		<0.0024	U		<0.0024	U		0.038	J		<0.00024	U		80			19		
		VMP-47-10-102617	10/26/2017	0.63			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
		VMP-47-10-012618	1/26/2018	0.34			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-47-10-042718	4/27/2018	0.32			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
	20 ft	VMP-47-20-072417	7/24/2017	0.59			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-47-20-102617	10/26/2017	0.61			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
		VMP-47-20-012618	1/26/2018	0.28			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			22		
		VMP-47-20-012618-DUP	1/26/2018	0.27			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			21		
		VMP-47-20-042718	4/27/2018	0.33			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
	30 ft	VMP-47-30-072417	7/24/2017	1.3			<0.025	U		<0.0025	U		<0.0025	U		0.18			<0.00025	U		80			19		
		VMP-47-30-102617	10/26/2017	1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-47-30-012618	1/26/2018	0.73			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			21		
		VMP-47-30-042718	4/27/2018	0.47			<0.024	U		<0.0024	U		<0.0024	U		0.011	J		<0.00024	U		80			20		
		VMP-47-30-042718-DUP	4/27/2018	0.47			<0.024	U		<0.0024	U		<0.0024	U		0.01	J		<0.00024	U		80			20		
VMP-48	5 ft	VMP-48-5-072117	7/21/2017	6			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			15		
		VMP-48-5-103117	10/31/2017	1.7			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			19		
		VMP-48-5-012618	1/26/2018	0.53			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-48-5-042718	4/27/2018	1.2			<0.026	U		<0.0026	U		<0.0026	U		0.11	J		<0.00026	U		80			19		
	10 ft	VMP-48-10-072117	7/21/2017	4.3			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			16		
		VMP-48-10-103117	10/31/2017	4.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		77			18		
		VMP-48-10-012618	1/26/2018	3.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		77			19		
		VMP-48-10-042718	4/27/2018	1.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
	20 ft	VMP-48-20-072117	7/21/2017	3.4			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			17		
		VMP-48-20-103117	10/31/2017	4.7			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		78			17		
		VMP-48-20-012618	1/26/2018	3.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			19		
		VMP-48-20-042718	4/27/2018	2.2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			19		
	30 ft	VMP-48-30-072117	7/21/2017	7			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		77			16		
		VMP-48-30-103117	10/31/2017	7.4			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			15		
		VMP-48-30-103117-DUP	10/31/2017	7.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			15		
		VMP-48-30-012618	1/26/2018	7.9			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		77			15		
		VMP-48-30-042718	4/27/2018	7.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		76			16		
		VMP-48-30-042718-DUP	4/27/2018	7.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		76			16		
VMP-49	5 ft	VMP-49-5-072617	7/26/2017	0.72			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-49-5-102717	10/27/2017	0.35			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			21		
		VMP-49-5-012618	1/26/2018	0.18			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			21		
		VMP-49-5-041918	4/19/2018	0.26			<0.024	U		<0.0024	U		<0.0024	U		0.0096	J		<0.00024	U		79			21		
	10 ft	VMP-49-10-072617	7/26/2017	1.5			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00016	J		80			19		
		VMP-49-10-102717	10/27/2017	0.36			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00016	J		80			20		
		VMP-49-10-012618	1/26/2018	0.11			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			21		
		VMP-49-10-041918	4/19/2018	0.35			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00013	J		79			21		
	20 ft	VMP-49-20-072617	7/26/2017	1.4			<0.024	U		<0.0024	U		<0.0024	U		2.4			0.0002	J		78			18		
		VMP-49-20-102717	10/27/2017	0.21			<0.022	U		<0.0022	U		<0.0022	U		0.2			0.00018	J		78			21		
		VMP-49-20-012618	1/26/2018	0.066			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00016	J		79			21		
		VMP-49-20-041918	4/19/2018	0.3			<0.022	U		<0.0022	U		<0.0022	U		0.4			0.00013	J		79			20		
	30 ft	VMP-49-30-072617	7/26/2017	9.7			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			12		
		VMP-49-30-072617-DUP	7/26/2017	9.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			12		
		VMP-49-30-102717	10/27/2017	9.8			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			10		
		VMP-49-30-012618	1/26/2018	9.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		77			13		
		VMP-49-30-042718	4/27/2018	8.6			<0.025	U		<0.0025	U		<0.0025	U		0.07	J		<0.00025	U		76			15		

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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-50	5 ft	VMP-50-5-072617	7/26/2017	7.5			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			12		
		VMP-50-5-110117	11/1/2017	4.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			16		
		VMP-50-5-013118	1/31/2018	1			<0.024	U		0.00017	J		<0.0024	U		<0.12	U		0.011			79			20		
		VMP-50-5-032918	3/29/2018	0.75			<0.023	U		0.00045	J		<0.0023	U		<0.12	U		0.088			79			20		
		VMP-50-5-041018	4/10/2018	2.5			<0.022	U		0.084			<0.0022	U		<0.11	U		4.4			83			9.6		
	10 ft	VMP-50-10-072617	7/26/2017	5.4			<0.025	U		<0.0025	U		<0.0025	U		0.0092	J		<0.00025	U		81			14		
		VMP-50-10-110117	11/1/2017	6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			14		
		VMP-50-10-013118	1/31/2018	2.6			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00052			78			19		
		VMP-50-10-032918	3/29/2018	2.1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.0062			78			20		
		VMP-50-10-041018	4/10/2018	2.2			<0.023	U		0.0025			<0.0023	U		<0.11	U		0.19			81			17		
	20 ft	VMP-50-20-072617	7/26/2017	4.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			16		
		VMP-50-20-110117	11/1/2017	4.6			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		79			16		
		VMP-50-20-013118	1/31/2018	5			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00016	J		79			16		
		VMP-50-20-013118-DUP	1/31/2018	5.6			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00016	J		78			16		
		VMP-50-20-032918	3/29/2018	3.3			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00077			78			19		
		VMP-50-20-041018	4/10/2018	4.9			<0.023	U		0.00032	J		<0.0023	U		<0.11	U		0.011			79			16		
		VMP-50-20-041018-DUP	4/10/2018	4.8			<0.023	U		0.00028	J		<0.0023	U		0.011	J		0.011			79			16		
	30 ft	VMP-50-30-072617	7/26/2017	2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0018			79			19		
		VMP-50-30-110117	11/1/2017	1.9			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.0016			78			20		
		VMP-50-30-110117-DUP	11/1/2017	2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.0017			79			19		
		VMP-50-30-013118	1/31/2018	2			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.0007			79			19		
		VMP-50-30-032918	3/29/2018	1.5			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.0004			78			20		
		VMP-50-30-032918-DUP	3/29/2018	1.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00031			78			20		
		VMP-50-30-041018	4/10/2018	1.5			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00037			79			19		
VMP-51	5 ft	VMP-51-5-072017	7/20/2017	3			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			18		
		VMP-51-5-103017	10/30/2017	0.24			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00019	J		79			21		
		VMP-51-5-012318	1/23/2018	0.14			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00018	J		79			21		
		VMP-51-5-041618	4/16/2018	0.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			21		
	10 ft	VMP-51-10-072017	7/20/2017	1			<0.023	U		<0.0023	U		<0.0023	U		0.011	J		<0.00023	U		79			20		
		VMP-51-10-103017	10/30/2017	0.48			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			21		
		VMP-51-10-012318	1/23/2018	0.19			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			21		
		VMP-51-10-041618	4/16/2018	0.56			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			20		
	20 ft	VMP-51-20-072017	7/20/2017	1.6			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-51-20-103017	10/30/2017	0.89			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-51-20-012318	1/23/2018	0.71			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			21		
		VMP-51-20-012318-DUP	1/23/2018	0.66			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		78			21		
		VMP-51-20-041618	4/16/2018	0.49			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		78			21		
	30 ft	VMP-51-30-072017	7/20/2017	1.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-51-30-103017	10/30/2017	1.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			20		
		VMP-51-30-012318	1/23/2018	1.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-51-30-041618	4/16/2018	0.97			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			20		

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-52-5-072117	7/21/2017	4.7			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			17		
		VMP-52-5-102517	10/25/2017	1.3			<0.023	U		<0.0023	U		<0.0023	U		0.0084	J		<0.00023	U		79			20		
		VMP-52-5-012418	1/24/2018	0.27			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00015	J		79			21		
		VMP-52-5-042618	4/26/2018	0.83			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
	10 ft	VMP-52-10-072117	7/21/2017	4.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			16		
		VMP-52-10-102517	10/25/2017	2.9			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			19		
		VMP-52-10-012418	1/24/2018	0.76			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			21		
		VMP-52-10-042618	4/26/2018	1.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		81			18		
	20 ft	VMP-52-20-072117	7/21/2017	1.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
		VMP-52-20-102517	10/25/2017	1.8			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			20		
		VMP-52-20-012418	1/24/2018	1.2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-52-20-012418-DUP	1/24/2018	1.2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-52-20-042618	4/26/2018	1.6			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
	30 ft	VMP-52-30-072117	7/21/2017	1.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-52-30-102517	10/25/2017	2.2			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			19		
		VMP-52-30-102517-DUP	10/25/2017	2.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			20		
		VMP-52-30-012418	1/24/2018	1.5			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		78			20		
		VMP-52-30-042618	4/26/2018	2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			19		
VMP-53	5 ft	VMP-53-5-071917	7/19/2017	1.7			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			18		
		VMP-53-5-110117	11/1/2017	0.49			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		80			20		
		VMP-53-5-012218	1/22/2018	0.18			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00012	J		79			21		
		VMP-53-5-032918	3/29/2018	0.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-53-5-041018	4/10/2018	0.3			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
	10 ft	VMP-53-10-071917	7/19/2017	1.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-53-10-110117	11/1/2017	0.52			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-53-10-012218	1/22/2018	0.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-53-10-032918	3/29/2018	0.21			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
		VMP-53-10-041018	4/10/2018	0.26			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			21		
	20 ft	VMP-53-20-071917	7/19/2017	1.5			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-53-20-110117	11/1/2017	1.1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-53-20-012218	1/22/2018	0.83			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
		VMP-53-20-012218-DUP	1/22/2018	0.81			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
		VMP-53-20-032918	3/29/2018	0.31			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-53-20-041018	4/10/2018	0.44			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			21		
	30 ft	VMP-53-30-071917	7/19/2017	2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			18		
		VMP-53-30-071917-DUP	7/19/2017	2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		
		VMP-53-30-110117	11/1/2017	2.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			19		
		VMP-53-30-012218	1/22/2018	1.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			20		
		VMP-53-30-032918	3/29/2018	1.2			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
		VMP-53-30-041018	4/10/2018	1.2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
VMP-54	5 ft	VMP-54-5-071917	7/19/2017	4.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			16		
		VMP-54-5-102617	10/26/2017	2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			19		
		VMP-54-5-012218	1/22/2018	1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
		VMP-54-5-041818	4/18/2018	1.4			<0.024	U		<0.0024	U		<0.0024	U		0.047	J		<0.00024	U		80			19		
	10 ft	VMP-54-10-071917	7/19/2017	3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			17		
		VMP-54-10-102617	10/26/2017	2.8			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			18		
		VMP-54-10-012218	1/22/2018	1.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-54-10-041818	4/18/2018	1.6			<0.024	U		<0.0024	U		<0.0024	U		0.014	J		<0.00024	U		80			18		
	20 ft	VMP-54-20-071917	7/19/2017	2.4			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		81			17		
		VMP-54-20-102617	10/26/2017	2.6			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		79			18		
		VMP-54-20-012218	1/22/2018	3			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			18		
		VMP-54-20-041818	4/18/2018	2			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			18		
	30 ft	VMP-54-30-071917	7/19/2017	3.3			<0.026	U		<0.0026	U		<0.0026	U		0.33			<0.00026	U		79			17		
		VMP-54-30-102617	10/26/2017	1.3			<0.022	U		<0.0022	U		<0.0022	U		1.1			0.00011	J		78			20		
		VMP-54-30-102617-DUP	10/26/2017	1.3			<0.022	U		<0.0022	U		<0.0022	U		1.1			0.00011	J		78			20		
		VMP-54-30-012218	1/22/2018	0.86			<0.024	U		<0.0024	U		<0.0024	U		0.41			0.00037			79			20		
		VMP-54-30-041818	4/18/2018	0.8			<0.025	U		<0.0025	U		<0.0025	U		1.5			0.00013	J		78			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-55	5 ft	VMP-55-5-072617	7/26/2017	16			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00025			80			4.1		
		VMP-55-5-110217	11/2/2017	15			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00047			80			4.8		
		VMP-55-5-013018	1/30/2018	14			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00011	J		82			4.1		
		VMP-55-5-043018	4/30/2018	13			<0.025	U		<0.0025	U		<0.0025	U		0.018	J		<0.00025	U		82			5.1		
	20 ft	VMP-55-20-072617	7/26/2017	18			<0.025	U		0.0009	J		<0.0025	U		0.012	J		4.1			76			2		
		VMP-55-20-110217	11/2/2017	19			<0.024	U		0.0015	J		<0.0024	U		<0.12	U		5.4			74			1.8		
		VMP-55-20-013018	1/30/2018	18			<0.025	U		0.00079	J		<0.0025	U		<0.12	U		3.1			77			1.4		
		VMP-55-20-043018	4/30/2018	18			<0.024	U		0.004			<0.0024	U		<0.12	U		11			69			1.3		
VMP-56	10 ft	VMP-56-10-072117	7/21/2017	0.45			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-56-10-102717	10/27/2017	0.31			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-56-10-012918	1/29/2018	0.081			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-56-10-050118	5/1/2018	0.29			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
	25 ft	VMP-56-25-072117	7/21/2017	0.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-56-25-102717	10/27/2017	0.37			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			20		
		VMP-56-25-012918	1/29/2018	0.12			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			22		
		VMP-56-25-050118	5/1/2018	0.49			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
	38.5 ft	VMP-56-38.5-050118	5/1/2018	3.7			<0.024	U		0.002	J		<0.0024	U		<0.12	U		0.002			80			16		
VMP-62	5 ft	VMP-62-5-072517	7/25/2017	4.7			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		79			16		
		VMP-62-5-083017	8/30/2017	3.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			17		
		VMP-62-5-110317	11/3/2017	1.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-62-5-012918	1/29/2018	0.68			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.0001	J		79			20		
		VMP-62-5-032818	3/28/2018	0.69			<0.022	U		<0.0022	U		<0.0022	U		0.067	J		0.00021	J		79			20		
		VMP-62-5-041018	4/10/2018	0.75			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00031			80			19		
	10 ft	VMP-62-10-072517	7/25/2017	4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			17		
		VMP-62-10-110317	11/3/2017	2			<0.022	U		<0.0022	U		<0.0022	U		0.069	J		<0.00022	U		78			20		
		VMP-62-10-012918	1/29/2018	0.91			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		0.000077	J		79			20		
		VMP-62-10-032818	3/28/2018	0.93			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.0002	J		79			20		
		VMP-62-10-041018	4/10/2018	1.3			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.006			80			19		
	20 ft	VMP-62-20-072517	7/25/2017	3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00014	J		79			18		
		VMP-62-20-110317	11/3/2017	1.8			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			20		
		VMP-62-20-012918	1/29/2018	0.95			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.00056			79			20		
		VMP-62-20-032818	3/28/2018	1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0058			79			20		
	30 ft	VMP-62-30-072517	7/25/2017	1.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-62-30-072517-DUP	7/25/2017	1.6			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-62-30-110317	11/3/2017	1.3			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			20		
		VMP-62-30-110317-DUP	11/3/2017	1.2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-62-30-012918	1/29/2018	0.046			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.00022			79			21		
		VMP-62-30-012918-DUP	1/29/2018	0.046			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00027			79			21		
		VMP-62-30-032818	3/28/2018	0.53			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00041			78			21		
		VMP-62-30-032818-DUP	3/28/2018	0.53			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		0.0004			78			21		
		VMP-62-30-041018	4/10/2018	1.2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		

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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-63	5 ft	VMP-63-5-072517	7/25/2017	0.34			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00012	J		80			20		
		VMP-63-5-110117	11/1/2017	0.12			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-63-5-012618	1/26/2018	0.093			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00019	J		78			22		
		VMP-63-5-041918	4/19/2018	0.16			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		0.00015	J		79			21		
	10 ft	VMP-63-10-072517	7/25/2017	0.57			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-63-10-110117	11/1/2017	0.18			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-63-10-012618	1/26/2018	0.1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.0001	J		78			22		
		VMP-63-10-041918	4/19/2018	0.17			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00011	J		79			21		
	20 ft	VMP-63-20-072517	7/25/2017	0.88			<0.025	U		<0.0025	U		<0.0025	U		0.055	J		<0.00025	U		80			19		
		VMP-63-20-110117	11/1/2017	0.38			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-63-20-012618	1/26/2018	0.044			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00021	J		78			22		
		VMP-63-20-041918	4/19/2018	0.15			<0.022	U		<0.0022	U		<0.0022	U		0.011	J		<0.00022	U		79			21		
	30 ft	VMP-63-30-072517	7/25/2017	1.1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			19		
		VMP-63-30-110117	11/1/2017	0.65			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			21		
		VMP-63-30-012618	1/26/2018	0.045			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00024			78			22		
		VMP-63-30-012618-DUP	1/26/2018	0.045			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00018	J		78			22		
		VMP-63-30-041918	4/19/2018	0.19			<0.023	U		<0.0023	U		<0.0023	U		1			<0.00023	U		79			20		
		VMP-63-30-041918-DUP	4/19/2018	0.19			<0.022	U		<0.0022	U		<0.0022	U		1			<0.00022	U		79			20		
VMP-64	5 ft	VMP-64-5-072517	7/25/2017	1.6			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
		VMP-64-5-110317	11/3/2017	0.32			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00014	J		79			21		
		VMP-64-5-012218	1/22/2018	0.14			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00011	J		79			21		
		VMP-64-5-041218	4/12/2018	0.1			<0.025	U		<0.0025	U		<0.0025	U		0.01	J		<0.00025	U		79			21		
	10 ft	VMP-64-10-072517	7/25/2017	3.9			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			16		
		VMP-64-10-110317	11/3/2017	1.5			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		0.00016	J		78			20		
		VMP-64-10-012218	1/22/2018	1.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			20		
		VMP-64-10-041218	4/12/2018	1.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
	20 ft	VMP-64-20-072517	7/25/2017	3.6			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			16		
		VMP-64-20-110317	11/3/2017	3.7			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		77			19		
		VMP-64-20-012218	1/22/2018	3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			19		
		VMP-64-20-041218	4/12/2018	2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		

Notes:
VMP-25-31 was no longer sampled after 1Q18 due to potential concerns with port integrity.

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
UJ = Estimated non-detect
U = Non-detect due to blank contamination
ND, UJ = Non-detected compound associated with low bias in the continuing calibration verification

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	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	7/18/2017	1130	-18.40	33.86	0.0	1	1.4	19 5	19.7	79.6	0.0	79.6	
SVE-03R	8/16/2017	1533	-17.34	33.79	0.0	0	1 5	19.4	13.2	29.1	0.0	29.1	
SVE-03R	9/14/2017	1252	-16.56	33.65	0.0	0	1 3	19 5	1 6	2 2	0.0	2 2	
SVE-03R	10/24/2017	1410	-16.81	34.93	0.0	0	1 6	19 3	2 9	11.7	1.6	10.1	
SVE-03R	11/28/2017	1601	-18.11	35.93	0.0	0	1 3	19.4	2.7	28.5	0.0	28.5	
SVE-03R	12/19/2017	1337	-11.28	36.94	0.0	0	1 3	19.7	4 8	27.8	0.0	27.8	
SVE-03R	1/18/2018	1416	-11.26	37.33	0.0	1	1 6	18.7	7 9	144	69.7	74.3	
SVE-03R	2/22/2018	1150	-16.10	37.43	0.0	0	1 2	19 5	0.7	41.2	28 3	12.9	
SVE-03R	3/14/2018	1425	-17.00	36.97	0.0	1	1 3	19.4	1 8	63.5	31.7	31.8	
SVE-03R	4/25/2018	1508	-16.07	37.90	0.0	1	1.4	19.4	1 8	35.9	18.1	17.8	
SVE-03R	5/29/2018	1113	-18.10	38.34	0.0	1	1.4	19 2	4 3	68.6	30 6	38.0	
SVE-03R	6/19/2018	1534	-16.80	38.53	0.0	1	1 5	19 0	6.4	102	51 2	50.8	
SVE-04	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	8/17/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	10/23/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	11/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	1/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	6/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05	8/17/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05	10/23/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05	11/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05	1/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05	6/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	8/17/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	10/23/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	11/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	1/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	6/19/2018	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	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	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07	8/17/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07	10/23/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07	11/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07	1/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07	6/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08	8/17/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08	10/23/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08	11/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08	1/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08	6/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09	8/17/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09	10/23/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09	11/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09	1/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09	6/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10	8/17/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10	10/23/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10	11/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10	1/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10	6/19/2018	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	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	7/17/2017	1255	-29.29	19.61	1.5	30	4.4	15 6	261	1841	249	1592	
SVE-11	8/16/2017	1209	-30.01	18.89	1.3	26	4 5	15 3	227	1557	232	1325	
SVE-11	9/13/2017	1429	-31.14	20.29	0.3	7	3 9	15 9	43.6	529	166	363	
SVE-11	10/23/2017	1236	-32.50	18.33	0.3	7	3 3	16 6	48.7	419	115	304	
SVE-11	11/28/2017	1149	-30.02	18.91	0.6	13	3 6	15 9	103	862	169	693	
SVE-11	12/18/2017	1456	-33.92	19.21	0.6	13	3 6	15 6	110	848	172	676	
SVE-11	1/17/2018	1358	-21.00	21.62	1.3	26	4.7	13 5	149	1569	547	1022	
SVE-11	2/21/2018	1428	-41.80	17.61	0.3	5	2 8	16 8	28.7	438	153	285	
SVE-11	3/14/2018	1105	-31.90	17.68	0.4	8	3 0	16 6	33.6	742	286	456	
SVE-11	4/24/2018	1058	-38.10	18.74	0.9	18	3 3	16 2	164	1228	314	914	
SVE-11	5/29/2018	1330	-38.30	17.65	0.8	16	3.4	15 9	134	1098	175	923	
SVE-11	6/19/2018	1132	-37.40	17.52	1.4	29	4 0	15 0	191	1783	220	1563	
SVE-12	7/17/2017	1225	-30.16	20.85	78 9	OVR	10.7	6.0	686	22110	462	22064	
SVE-12	8/16/2017	1142	-30.90	21.00	83.1	OVR	11.4	5.2	697	25720	737	24983	
SVE-12	9/14/2017	1125	-31.27	21.03	43 2	OVR	11.1	5.5	664	18480	832	17648	
SVE-12	10/23/2017	1258	-33.00	22.66	31.7	OVR	10.2	5.7	626	11630	714	10916	
SVE-12	11/27/2017	1503	-30.88	22.36	47.7	OVR	9.1	6.0	846	16530	565	15965	
SVE-12	12/18/2017	1434	-34.09	22.16	38.7	OVR	8 2	6.6	784	13820	454	13366	
SVE-12	1/17/2018	1334	-21.71	22.67	32.4	OVR	8 6	5.6	777	13290	1030	12260	
SVE-12	2/21/2018	1408	-44.20	17.25	2.0	41	9 3	4.8	297	2490	509	1981	
SVE-12	3/15/2018	1003	-40.40	21.20	36 0	OVR	9 3	7.2	779	14560	615	13945	
SVE-12	4/24/2018	1134	-38.70	20.32	46.4	OVR	9 0	8.0	741	16970	571	16399	
SVE-12	5/29/2018	1320	-39.70	19.34	31.1	OVR	9.1	8.2	555	12670	483	12187	
SVE-12	6/19/2018	1150	-38.28	20.76	48 3	OVR	9.7	8.0	567	17370	544	16826	
SVE-13	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13	8/17/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13	10/23/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13	11/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13	1/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13	6/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14	8/17/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14	10/23/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14	11/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14	1/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14	6/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	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	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15	8/17/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15	10/23/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15	11/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15	1/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15	6/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16	7/17/2017	1149	-24.19	22.67	0.0	0	2 5	18.4	2 6	9 5	1.4	8.1	
SVE-16	8/16/2017	1115	-24.21	22.62	0.0	0	2 6	18.1	4 2	10.2	1.8	8.4	
SVE-16	9/13/2017	1359	-24.35	22.68	0.0	0	2 6	18.1	0 2	4.1	0.0	4.1	
SVE-16	10/23/2017	1320	-25.90	22.72	0.0	0	2 5	18 3	0 9	2.4	0.0	2.4	
SVE-16	11/27/2017	1442	-23.83	22.72	0.0	0	1 8	19.1	0 9	1 8	1.1	0.7	
SVE-16	12/18/2017	1405	-24.16	22.71	0.0	0	1 9	18 8	0 5	2.1	1.8	0 3	
SVE-16	1/17/2018	1255	-16.19	22.92	0.0	0	2 6	17 5	1 0	2 2	0.6	1 6	
SVE-16	2/21/2018	1347	-6 50	22.94	0.0	0	1 8	19.1	0 2	0 0	0.0	0 0	
SVE-16	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16	6/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17	7/17/2017	1137	-24.53	22.44	0.2	4	2.7	17.7	49.4	423	165	258	
SVE-17	8/16/2017	1104	-24.43	22.48	0.1	2	2 5	17 8	31.2	148	35 9	112	
SVE-17	9/13/2017	1351	-24.33	22.57	0.0	1	2 5	17 9	7.1	49.1	10.1	39.0	
SVE-17	10/23/2017	1330	-25.10	22.48	0.0	0	2 3	18 2	6.4	31.2	8.8	22.4	
SVE-17	11/27/2017	1431	-23.83	22.51	0.0	0	2 2	18 5	8 0	27.7	4.9	22.8	
SVE-17	12/18/2017	1354	-24.21	22.54	0.0	0	2 0	18 0	6 8	25.9	3.4	22.5	
SVE-17	1/17/2018	1244	-16.16	22.61	0.1	2	3 5	16 5	17.1	165	105	60.0	
SVE-17	2/21/2018	1338	-6.10	22.56	0.0	0	1 8	19.1	5 9	23.9	3.0	20.9	
SVE-17	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17	6/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18	7/17/2017	1120	-26.54	19.84	3.3	67	3 8	16.1	108	14800	12892	1908	
SVE-18	8/16/2017	1052	-26.45	19.57	2.5	51	3.4	16.4	92.1	10700	9024	1676	
SVE-18	9/13/2017	1340	-27.24	19.57	1.1	23	3 0	16 9	46.2	5285	4448	837	
SVE-18	10/23/2017	1339	-27.60	19.42	0.4	1	2 6	17 5	32.5	1217	975	242	
SVE-18	11/27/2017	1422	-26.37	20.05	0.2	4	2 2	18.4	30.0	678	494	184	
SVE-18	12/18/2017	1345	-27.53	19.76	0.1	2	2 0	18 3	19.6	271	145	126	
SVE-18	1/17/2018	1232	-17.74	20.82	0.0	1	3 3	16 5	7 6	62.9	36 2	26.7	
SVE-18	2/21/2018	1329	-5 90	16.81	0.0	0	1.1	19 8	0 5	1.7	0.0	1.7	
SVE-18	3/14/2018	1043	-46.20	17.89	0.9	19	2.7	17.1	23.9	7034	6457	577	
SVE-18	4/24/2018	1030	-45.90	18.62	0.0	1	2 6	17 6	11.8	46.8	16 8	30.0	
SVE-18	5/29/2018	1337	-45.10	16.74	0.0	0	2 6	17 6	6.1	30.1	7.6	22.5	
SVE-18	6/20/2018	1156	-48.62	15.88	0.0	1	3 5	16 3	5 2	258	213	45.0	

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	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	7/17/2017	1108	-29.46	22.86	0.7	14	3 8	16 2	80.7	3002	2491	511	
SVE-19	8/16/2017	1043	-29.93	22.31	0.6	12	3 5	16 5	46.1	2025	1573	452	
SVE-19	9/13/2017	1331	-30.74	21.68	0.6	12	3 2	16 6	26.5	2389	1077	1312	
SVE-19	10/23/2017	1353	-30.70	21.50	1.5	31	3 5	16 0	45.6	6432	4442	1990	
SVE-19	11/27/2017	1411	-30.30	21.91	1.2	25	3 0	16.7	54.2	5447	4635	812	
SVE-19	12/18/2017	1333	-31.09	21.71	0.6	13	2.7	17.1	41.2	2805	2479	326	
SVE-19	1/17/2018	1221	-20.01	23.77	0.3	7	3 2	16.4	44.6	952	699	253	
SVE-19	2/21/2018	1320	-6 30	23.52	0.0	1	2.1	18 3	8.4	177	114	63.0	
SVE-19	3/14/2018	1035	-47.70	22.43	3.4	68	3 2	16 2	43.4	21500	19398	2102	
SVE-19	4/24/2018	1020	-48.10	22.26	2.0	40	3.4	16 0	107	7687	6692	995	
SVE-19	5/29/2018	1347	-45.70	23.78	0.4	9	2 9	16 5	28.2	1851	1465	386	
SVE-19	6/20/2018	1202	-50.50	20.80	3.4	69	4 2	14 6	68.8	12600	10016	2584	
SVE-20	7/17/2017	1053	-45.20	37.74	5.0	OVR	6 0	12 9	155	19100	18267	833	
SVE-20	8/16/2017	1025	-40.70	NE	10 2	OVR	5 9	12 8	118	33600	30279	3321	
SVE-20	9/13/2017	1316	-35.49	NE	11 5	OVR	6.1	13 0	55.7	51160	41750	9410	
SVE-20	10/23/2017	1406	-36.70	NE	12.4	OVR	5 8	13 2	61.4	46270	37580	8690	
SVE-20	11/27/2017	1351	-37.26	NE	11 5	OVR	5 5	13 8	91.2	37230	29790	7440	
SVE-20	12/18/2017	1319	-43.10	NE	11.1	OVR	5 2	14.1	93.7	36760	29840	6920	
SVE-20	1/17/2018	1206	-19.99	NE	10 3	OVR	6 3	12 5	83.5	36470	29730	6740	
SVE-20	2/21/2018	1244	-48.20	37.35	12 6	OVR	5 0	14 5	50.7	45480	38510	6970	
SVE-20	3/14/2018	1019	-49.40	NE	17 0	OVR	5.4	13.7	67.6	51560	43620	7940	
SVE-20	4/24/2018	1002	-49.70	37.56	23.1	OVR	5 6	13 5	130	66720	53380	13340	
SVE-20	5/29/2018	1357	-43.50	NE	18.7	OVR	5.1	13 6	102	57440	45860	11580	
SVE-20	6/20/2018	1211	-54.30	37.20	20 0	OVR	6.4	12 0	90.3	48270	38120	10150	
SVE-21	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21	8/17/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21	10/23/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21	11/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21	1/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21	6/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22	8/17/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22	10/23/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22	11/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22	1/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22	6/19/2018	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	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	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23	8/17/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23	10/23/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23	11/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23	1/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23	6/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-24	7/18/2017	1250	-36.86	20.18	0.3	6	3 5	16 8	89.4	1177	896	281	
SVE-24	8/16/2017	0804	-35.91	24.99	0.3	6	3 8	16.4	79.5	1266	1009	257	
SVE-24	9/14/2017	1344	-34.54	19.09	0.2	4	3 2	17 0	30.7	1128	997	131	
SVE-24	10/24/2017	1310	-31.17	19.97	0.3	6	3.4	16 8	25.5	1664	1628	36.0	
SVE-24	11/28/2017	1427	-24.94	20.33	0.3	7	3 0	17.1	32.5	1672	1602	70.0	
SVE-24	12/19/2017	1451	-29.56	21.04	0.4	8	3.1	17 0	42.6	1886	1701	185	
SVE-24	1/18/2018	1102	-17.33	22.34	0.4	9	3 9	15 3	66.2	2271	2103	168	
SVE-24	2/22/2018	1230	-30.20	19.63	0.4	9	3.1	16 6	35.6	2587	2391	196	
SVE-24	3/15/2018	1239	-37.50	21.12	1.1	23	3 5	16 0	58.2	8567	8276	291	
SVE-24	4/24/2018	1547	-34.05	20.03	1.0	20	3 2	16 9	107	5959	5443	516	
SVE-24	5/29/2018	1141	-38.90	19.08	0.5	11	3 0	16.7	48.9	3257	2943	314	
SVE-24	6/19/2018	1550	-43.24	19.33	0.6	13	3 5	16 3	70.2	4025	3784	241	
SVE-25	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25	8/17/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25	10/23/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25	11/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25	1/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25	6/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26	8/17/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26	10/23/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26	11/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26	1/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26	6/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	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	7/18/2017	1335	-36.65	26.92	0.5	11	2 8	17.4	45.1	3097	2917	180	
SVE-27	8/16/2017	0828	-36.04	27.03	0.4	8	3 0	17.4	28.7	2347	2279	68.0	
SVE-27	9/14/2017	1454	-34.37	27.08	0.2	4	2 6	17 8	19.7	1258	1225	33.0	
SVE-27	10/24/2017	1317	-31.11	27.21	0.2	3	2 9	17 6	8.1	1091	1091	0 0	
SVE-27	11/28/2017	1441	-25.30	28.05	0.1	3	2 5	18 0	6 5	1031	1031	0 0	
SVE-27	12/19/2017	1504	-27.99	27.96	0.2	4	2 6	17 9	10.8	1217	1214	3 0	
SVE-27	1/18/2018	1116	-17.00	30.06	0.4	8	3.1	16 9	13.9	3132	3104	28.0	
SVE-27	2/22/2018	1243	-28.80	27.91	0.1	3	2 3	18.1	7 2	1121	1087	34.0	
SVE-27	3/15/2018	1225	-35.50	27.27	0.2	5	2 2	18 0	11.8	1542	1487	55.0	
SVE-27	4/24/2018	1613	-33.82	27.03	0.2	4	1 9	18 6	16.4	886	826	60.0	
SVE-27	5/29/2018	1149	-38.70	30.40	0.0	0	2 6	17.4	0 2	7 3	6.8	0 5	Re-sampled due to low THC.
SVE-27	5/30/2018	1415	-38.82	NM	0.0	0	1 9	18 5	0 9	277	148	129	Re-sample.
SVE-27	6/19/2018	1603	-42.91	26.81	0.4	8	2.4	17 6	19.8	2655	2569	86.0	
SVE-28	7/18/2017	1359	NM	40.60	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28	8/16/2017	1303	NM	40.39	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28	9/14/2017	1117	NM	40.26	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28	10/23/2017	1421	NM	40.55	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28	11/28/2017	1244	-1 82	41.42	NM	NM	NM	NM	NM	NM	NM	NM	Well valve open 25% at well head. Sample not collected because well screen was occluded.
SVE-28	12/19/2017	1217	-23.44	40.54	1.5	30	0.1	20 8	44.7	3983	2778	1205	Well valve open 25% at well head. Well screen was occluded. Sample inadvertently screened; however results are not representative of formation in vicinity of well screen.
SVE-28	1/18/2018	1015	NM	42.24	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28	2/22/2018	1509	NM	42.92	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28	3/15/2018	1142	NM	43.23	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28	4/25/2018	NM	NM	43.63	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28	5/30/2018	NM	NM	43.87	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28	6/19/2018	NM	NM	44.03	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29	8/17/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29	10/23/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29	11/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29	1/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29	6/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	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-30	7/17/2017	1247	-22.26	36.32	0.7	15	6.1	13.1	139	888	125	763	
SVE-30	8/16/2017	1254	-22.45	36.59	2.0	41	6 5	12 3	208	2002	412	1590	
SVE-30	9/13/2017	1455	-23.34	37.18	1.8	36	6 9	12 0	124	2113	825	1288	
SVE-30	10/23/2017	1445	-22.20	NE	3.1	62	7.7	11 3	144	4850	2310	2540	
SVE-30	11/28/2017	1228	-23.42	NE	4.8	96	8 5	10 5	202	5830	2980	2850	
SVE-30	12/19/2017	1200	-23.93	NE	2.9	58	7 5	12.4	179	3013	1759	1254	
SVE-30	1/17/2018	1438	-13.24	NE	8.9	OVR	10.8	5.1	199	11120	5990	5130	
SVE-30	2/21/2018	1502	-13.70	NE	8.4	OVR	8 8	9.8	137	13610	8810	4800	
SVE-30	3/14/2018	1133	-26.10	NE	11.4	OVR	8 5	10 9	174	16540	9380	7160	
SVE-30	4/24/2018	1325	-24.60	NE	17.1	OVR	7 9	11 5	299	19140	9780	9360	
SVE-30	5/29/2018	1247	-26.30	36.16	13.1	OVR	7.1	11.7	274	14790	7610	7180	
SVE-30	6/19/2018	1106	-25.47	35.98	10 6	OVR	6.7	11 8	265	11360	5610	5750	
SVE-31	7/17/2017	1332	-22.29	35.58	8.7	OVR	4 5	14 8	381	8039	1931	6108	
SVE-31	8/16/2017	1239	-22.48	36.97	10 6	OVR	4.4	14 9	341	9561	2522	7039	
SVE-31	9/13/2017	1445	-23.17	36.27	9.3	OVR	4 6	14 5	255	9742	3252	6490	
SVE-31	10/23/2017	1211	-23.40	35.27	8.0	OVR	4 5	14 8	274	8321	3451	4870	
SVE-31	11/28/2017	1504	-22.80	34.10	30 5	OVR	8 5	9.1	386	16350	3590	12760	
SVE-31	12/18/2017	1519	-23.12	34.61	9.4	OVR	3 9	15 5	359	8210	2860	5350	
SVE-31	1/17/2018	1427	-12.77	34.87	9.1	OVR	6 2	11 3	322	8670	3970	4700	
SVE-31	2/21/2018	1451	-13.40	35.43	0.9	19	2 6	17 6	94.9	1662	699	963	
SVE-31	3/14/2018	1125	-26.10	34.85	2.5	50	2.7	17.1	117	4668	2104	2564	
SVE-31	4/24/2018	1314	-24.40	34.97	5.5	OVR	2 5	17 3	283	7271	3181	4090	
SVE-31	5/29/2018	1255	-26.10	35.34	2.6	53	2 6	17 2	194	4186	1578	2608	
SVE-31	6/19/2018	1114	-25.45	35 3	3.0	60	2 5	17.1	207	4171	1379	2792	
SVE-32	7/17/2017	1314	-22.37	34.72	71 0	OVR	5 5	12 8	289	48270	24820	23450	
SVE-32	8/16/2017	1224	-22.90	34.58	81.7	OVR	5 6	12.7	267	61910	32350	29560	
SVE-32	9/13/2017	1437	-23.30	36.04	61.7	OVR	5 5	12 8	135	62360	36240	26120	
SVE-32	10/23/2017	1225	-23.50	35.55	OVR	OVR	5 9	11 9	142	82780	47110	35670	
SVE-32	11/28/2017	1208	-24.76	35.27	81.7	OVR	5.7	12 5	228	58740	31740	27000	
SVE-32	12/18/2017	1506	-23.17	35.74	OVR	OVR	5.7	12 3	226	73420	40470	32950	
SVE-32	1/17/2018	1410	-12.77	37.19	OVR	OVR	7 6	6.4	189	79680	46880	32800	
SVE-32	2/21/2018	1439	-13.00	37.19	61.4	OVR	5 9	11.7	134	60180	38850	21330	
SVE-32	3/14/2018	1113	-26.00	36.08	OVR	OVR	6 0	11 6	127	116000	67250	48750	
SVE-32	4/24/2018	1304	-25.20	37.26	OVR	OVR	6 2	11 3	183	154000	80260	73740	
SVE-32	5/29/2018	1304	-26.00	36.20	OVR	OVR	6.4	10.4	101	157000	85120	71880	
SVE-32	6/19/2018	1122	-25.58	35.87	OVR	OVR	6 6	10.4	114	136000	73930	62070	
SVE-33	7/17/2017	1238	-23.17	37.18	82 6	OVR	7 8	9.5	246	64240	35460	28780	
SVE-33	8/16/2017	1158	-23.57	37.03	73 8	OVR	7 8	9.5	189	61980	35010	26970	
SVE-33	9/13/2017	1419	-23.60	36.88	34 3	OVR	7.1	10.7	161	40410	23570	16840	
SVE-33	10/23/2017	1249	-22.80	36.81	36.7	OVR	8 0	9.4	182	38810	23450	15360	
SVE-33	11/27/2017	1513	-25.73	36.64	45 3	OVR	7 6	10 0	262	36350	20200	16150	
SVE-33	12/18/2017	1417	-27.41	36.73	37 9	OVR	7 8	9.8	259	32610	18990	13620	
SVE-33	1/17/2018	1348	-12.82	37.61	5.3	OVR	7 8	9.7	180	10140	6360	3780	
SVE-33	2/21/2018	1418	-12.60	36.19	1.9	39	3 0	17.4	88.1	4318	2634	1684	
SVE-33	3/14/2018	1056	-27.30	36.63	13.7	OVR	5.4	13 6	109	26870	18540	8330	
SVE-33	4/24/2018	1046	-25.50	36.93	23 6	OVR	5.4	13.4	232	34930	22180	12750	
SVE-33	5/29/2018	1311	-26.60	36.75	16 3	OVR	5.4	13 3	193	24860	16220	8640	
SVE-33	6/19/2018	1141	-26.17	36.81	22 3	OVR	5.7	12.7	184	29590	18710	10880	

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Sample ID	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-34	7/17/2017	1205	-27.96	40.81	0.4	8	2.4	18 3	96.6	579	50 9	528	
SVE-34	8/16/2017	1130	-28.77	40.62	0.4	8	2.7	17 9	89.5	576	60 3	516	
SVE-34	9/13/2017	1408	-27.53	40.57	0.3	6	2.7	18 0	37.1	442	89.1	353	
SVE-34	10/23/2017	1309	-27.90	41.91	0.3	6	2 8	17 9	48.7	383	68 2	315	
SVE-34	11/27/2017	1450	-26.70	42.38	0.4	8	2 6	18.1	80.0	532	58.1	474	
SVE-34	12/18/2017	1417	-27.41	42.93	0.3	7	2 5	18 0	68.1	542	80 9	461	
SVE-34	1/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34	6/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35	8/17/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35	10/23/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35	11/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35	1/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35	6/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36	8/17/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36	10/23/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36	11/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36	1/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36	6/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37	8/17/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37	10/23/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37	11/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37	1/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37	6/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	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-38	7/17/2017	1412	-20.30	29.27	0.0	0	1 5	19 3	3 6	128	84.4	43.6	
SVE-38	8/16/2017	1318	-20.50	28.73	0.7	15	1 8	18 8	48.5	2221	1567	654	
SVE-38	9/14/2017	1110	-21.27	29.07	0.0	0	1 8	18.7	0 0	0 0	0.0	0 0	
SVE-38	10/23/2017	1432	-21.10	29.11	0.0	0	2 0	18.7	0 2	0 0	0.0	0 0	
SVE-38	11/28/2017	1255	-19.29	29.44	0.2	5	2.1	18 8	15.2	761	507	254	
SVE-38	12/19/2017	1232	-20.46	29.31	0.0	0	1 9	19.1	0 3	0 0	0.0	0 0	
SVE-38	1/18/2018	1024	-16.78	29.48	0.0	0	2 2	18 8	0.1	0 0	0.0	0 0	
SVE-38	2/21/2018	1303	-29.20	28.63	1.4	27	20.0	19 2	84.5	3837	2603	1234	
SVE-38	3/14/2018	1149	-24.60	29.03	0.2	4	1 8	19 5	10.8	548	364	184	
SVE-38	4/24/2018	1333	-23.42	29.08	0.0	1	1 8	19 3	5.1	24.2	1.2	23.0	
SVE-38	5/29/2018	1003	-26.70	29.24	0.2	4	1 6	19 3	17.8	173	18 8	154	
SVE-38	6/20/2018	1146	-28.80	29.19	0.2	5	1 9	18 8	19.1	326	31 8	294	
SVE-39	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP in construction area.
SVE-39	8/16/2017	1433	-19.43	31.68	2.7	55	3 2	17 0	128	5860	3519	2341	
SVE-39	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
SVE-39	10/25/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
SVE-39	11/28/2017	1424	-19.19	31.68	2.2	45	3 2	17 2	94.9	5052	3392	1660	
SVE-39	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
SVE-39	1/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
SVE-39	2/22/2018	1120	-20.40	31.78	1.8	35	3.1	17 0	55.5	4864	3612	1252	
SVE-39	3/14/2018	1326	-22.30	31.69	2.7	54	3.1	16 8	70.4	7773	5152	2621	
SVE-39	4/24/2018	1453	-22.34	31.58	4.5	90	3.1	16 8	181	9517	5870	3647	
SVE-39	5/29/2018	1036	-25.40	31.65	4.1	83	3.1	16.7	159	8354	4978	3376	
SVE-39	6/19/2018	1350	-22.40	31.52	4.0	80	3 2	16 3	124	8025	4651	3374	
SVE-40	7/18/2017	1107	-19.84	33.43	3.6	72	2.1	18 0	257	4237	1389	2848	
SVE-40	8/16/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
SVE-40	9/14/2017	1235	-19.62	33.42	3.0	60	2 2	18 0	220	3762	1170	2592	
SVE-40	10/25/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
SVE-40	11/28/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
SVE-40	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
SVE-40	1/18/2018	1150	-14.68	33.41	2.0	41	2 0	18.1	174	2917	1091	1826	
SVE-40	2/21/2018	1607	-23.70	33.18	1.8	37	1 5	18 9	168	2936	1097	1839	
SVE-40	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
SVE-40	4/24/2018	1511	-21.77	33.14	4.4	88	1.7	18 5	268	5847	2196	3651	
SVE-40	5/31/2018	1257	-21.97	33.26	4.4	89	1 8	18.1	237	5916	2382	3534	
SVE-40	6/19/2018	1400	-21.89	33.23	4.1	83	1 9	17 9	178	6026	2305	3721	
SVE-41	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41	8/17/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41	10/23/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41	11/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41	1/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41	6/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	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-42	7/18/2017	1204	-28.34	31.96	0.1	2	2 9	17 5	11.2	328	199	129	
SVE-42	8/16/2017	1450	-27.29	31.92	0.2	4	2 9	17 5	12.4	606	421	185	
SVE-42	9/14/2017	1325	-27.82	31.30	0.1	3	2 6	17 8	6.1	389	283	106	
SVE-42	10/24/2017	1433	-30.05	34.18	0.2	5	2 9	17 5	16.7	786	632	154	
SVE-42	11/28/2017	1433	-26.74	34.40	0.1	3	2 9	17 5	8 6	292	143	149	
SVE-42	12/19/2017	1414	-16.73	NE	0.0	1	3.1	17 6	6.1	102	26 2	75.8	
SVE-42	1/18/2018	1252	-19.11	34.38	1.5	30	4.7	14 2	36.2	2996	1905	1091	
SVE-42	2/21/2018	1624	-36.20	NE	0.2	4	3.4	17 2	12.3	405	193	212	
SVE-42	3/14/2018	1343	-35.00	33.69	0.2	5	3 2	17 0	14.4	424	114	310	
SVE-42	4/24/2018	1633	-34.16	33.57	0.2	4	2 6	18 0	19.5	259	51 6	207	
SVE-42	5/29/2018	1418	-35.70	33.59	0.0	0	2.7	17 5	1.4	1 2	0.0	1 2	
SVE-42	6/19/2018	1411	-33.93	32.83	0.0	0	2 8	17.4	2 2	3 8	0.0	3 8	
SVE-43	7/18/2017	1223	-28.13	30.94	0.0	0	1 3	19.7	0.1	3 3	3.3	0 0	
SVE-43	8/16/2017	1509	-26.84	31.38	0.0	0	1 3	19.7	1 9	21.6	11 3	10.3	
SVE-43	9/14/2017	1314	-27.99	31.58	0.0	0	1.1	19 8	0.7	21.3	13.7	7 6	
SVE-43	10/24/2017	1425	-28.79	32.11	0.0	0	1.1	19 9	0.4	56.5	46 2	10.3	
SVE-43	11/28/2017	1444	-26.53	32.50	0.0	0	0 8	20 3	3.7	109	76 9	32.1	
SVE-43	12/19/2017	1428	-16.16	32.83	0.0	1	0 8	20 2	3 5	246	172	74.0	
SVE-43	1/18/2018	1302	-18.90	33.34	0.2	5	1.1	19.7	15.7	792	589	203	
SVE-43	2/21/2018	1631	-36.00	31.95	0.1	2	0.7	20 6	2 8	277	204	73.0	
SVE-43	3/14/2018	1355	-34.50	32.26	0.1	2	0 8	20 0	3.7	384	278	106	
SVE-43	4/24/2018	1526	-32.54	32.77	0.0	1	0 8	20 2	3 6	141	93 5	47.5	
SVE-43	5/29/2018	1427	-35.00	32.44	0.0	1	1 2	19 5	4.1	154	93 2	60.8	
SVE-43	6/19/2018	1419	-34.45	31.87	0.0	0	0 0	20 9	0 0	0 0	0.0	0 0	Ambient air inadvertently introduced into sample.
SVE-43	6/20/2018	1159	-36.43	NM	0.0	1	1 3	19 2	3.4	63.9	31 3	32.6	Re-sample.
SVE-44	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44	8/17/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44	10/23/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44	11/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44	1/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44	6/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45	7/18/2017	1142	NM	37.00	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45	8/16/2017	1542	NM	37.04	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45	9/14/2017	1331	NM	36.81	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45	10/23/2017	NM	NM	38.08	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45	11/28/2017	1423	-10.95	38.13	1.9	39	0 3	20 5	161	2715	632	2083	
SVE-45	12/19/2017	1357	-7.43	38.58	1.2	24	0 3	20 6	174	1945	584	1361	
SVE-45	1/18/2018	1437	-7 85	38.93	0.6	12	0 5	20 2	96.7	1323	591	732	
SVE-45	2/21/2018	1642	-15.00	39.23	0.5	11	0 2	20.7	37.8	1212	299	913	
SVE-45	3/14/2018	1407	-28.70	38.46	0.2	4	0 2	20 6	13.2	447	186	261	
SVE-45	4/25/2018	1446	-13.37	39.82	0.7	15	0.4	20.4	30.7	1135	590	545	
SVE-45	5/29/2018	1057	-12.20	40.35	0.8	17	0 8	20 0	57.3	1873	857	1016	
SVE-45	6/19/2018	1428	-14.90	40.21	2.1	43	0 8	19 8	76.2	4038	1756	2282	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	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-46	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46	8/17/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46	10/23/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46	11/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46	1/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46	6/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47	8/17/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47	9/14/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47	10/23/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47	11/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47	12/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47	1/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47	2/22/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47	3/15/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47	4/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47	5/30/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47	6/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

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.

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	7/18/2017	0853	-0 84	-0.79	0.0	0	0.8	20.2	0 3	0 0	0 0	0.0	
VMP-1-5	8/17/2017	0955	-0 85	-0.44	0.0	0	1.5	19.4	0 8	0 0	0 0	0.0	
VMP-1-5	9/14/2017	0939	-0 67	-0 35	0.0	0	1.1	19.9	0 2	0 0	0 0	0.0	
VMP-1-5	10/24/2017	1032	-0 68	-0.44	0.0	0	0.7	20.1	0 2	0 0	0 0	0.0	
VMP-1-5	11/28/2017	840	-0 80	-0 61	0.0	0	0.2	20.6	0 3	0 0	0 0	0.0	
VMP-1-5	12/19/2017	0913	-0 57	-0 34	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-1-5	1/19/2018	1042	-0 30	0 00	0.0	0	0.0	20.8	0 2	4.4	4.4	0.0	
VMP-1-5	2/22/2018	1539	-1 29	-0.16	0.0	0	0.0	20.5	0 3	0 0	0 0	0.0	
VMP-1-5	3/15/2018	1245	-0.44	-0 67	0.0	0	0.1	20.7	0 2	0 0	0 0	0.0	
VMP-1-5	4/25/2018	1001	-1 06	-0 96	0.0	0	0.1	20.7	0 2	0 0	0 0	0.0	
VMP-1-5	5/30/2018	0929	-1 28	-0 92	0.0	0	0.4	20.0	0.4	4.1	4.1	0.0	
VMP-1-5	6/20/2018	0802	-0 90	-1 07	0.0	0	0.6	19.5	0 6	0 0	0 0	0.0	
VMP-1-8.5	7/18/2017	0855	-0 84	-0.79	0.0	0	1.3	19.4	0.7	0 8	0 0	0.8	
VMP-1-8.5	8/17/2017	0956	-0.76	-0 59	0.0	0	0.8	20.2	0 5	0 0	0 0	0.0	
VMP-1-8.5	9/14/2017	0941	-0 68	-0 61	0.0	0	0.6	20.3	0 2	0 0	0 0	0.0	
VMP-1-8.5	10/24/2017	1034	-0 68	-0.72	0.0	0	0.4	20.5	0.4	0 0	0 0	0.0	
VMP-1-8.5	11/28/2017	841	0 00	-0 24	0.0	0	0.2	20.6	0 2	0 0	0 0	0.0	
VMP-1-8.5	12/19/2017	0914	-0 55	0 00	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-1-8.5	1/19/2018	1043	-0.46	-0 27	0.0	0	0.1	20.6	0.7	1 2	1 2	0.0	
VMP-1-8.5	2/22/2018	1540	-0 51	-0 58	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-1-8.5	3/15/2018	1246	-0.71	-0 69	0.0	0	0.1	20.7	0 5	0 0	0 0	0.0	
VMP-1-8.5	4/25/2018	1003	-1 05	-0 97	0.0	0	0.1	20.7	0 3	0 0	0 0	0.0	
VMP-1-8.5	5/30/2018	0930	-7 32	-0 94	0.0	0	0.5	20.2	0.4	2 3	2 3	0.0	
VMP-1-8.5	6/20/2018	0803	-37.05	-2 23	0.0	0	0.7	20.0	0 0	0 0	0 0	0.0	
VMP-1-23 5	7/18/2017	0857	-1.16	-1 01	0.0	0	1.0	19.9	1 2	0 3	0 0	0.3	
VMP-1-23 5	8/17/2017	0957	-0 81	-0 66	0.0	0	0.7	20.2	1.4	0 0	0 0	0.0	
VMP-1-23 5-Dup	8/17/2017	0957	NM	NM	0.0	0	0.7	20.2	1.4	0 0	0 0	0.0	Duplicate sample.
VMP-1-23 5	9/14/2017	0943	-0 67	-0 61	0.0	0	0.4	20.4	0.1	0 0	0 0	0.0	
VMP-1-23 5	10/24/2017	1036	-0 64	-0.71	0.0	0	0.3	20.6	0 2	0 0	0 0	0.0	
VMP-1-23 5	11/28/2017	842	-0 36	-0 93	0.0	0	0.2	20.6	0.1	1 5	1 5	0.0	
VMP-1-23 5	12/19/2017	0915	-0 32	-0 59	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-1-23 5	1/19/2018	1044	0 00	0 00	0.0	0	0.0	20.9	0 3	2 5	0.7	1.8	
VMP-1-23 5	2/22/2018	1541	-1.16	-0.45	0.0	0	0.1	20.8	0 3	0 0	0 0	0.0	
VMP-1-23 5	3/15/2018	1247	-2.76	-0 84	0.0	0	0.1	20.6	0 5	0 0	0 0	0.0	
VMP-1-23 5	4/25/2018	1005	-1.19	-1.15	0.0	0	0.1	20.8	0 3	0 0	0 0	0.0	
VMP-1-23 5-Dup	4/25/2018	1005	NM	NM	0.0	0	0.1	20.8	0 3	0 0	0 0	0.0	Duplicate sample.
VMP-1-23 5	5/30/2018	0931	-6 67	-1 20	0.0	0	0.2	20.7	0.4	2 3	1.7	0.6	
VMP-1-23 5	6/20/2018	0804	-1 05	-1.15	0.0	0	0.3	20.4	0 6	0 0	0 0	0.0	
VMP-1-38 5	7/18/2017	0859	-11.94	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38 5	8/17/2017	0958	-0 51	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38 5	9/14/2017	0944	-0 87	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38 5	10/24/2017	1038	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38 5	11/28/2017	843	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38 5	12/19/2017	0916	0 52	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38 5	1/19/2018	1045	0.40	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38 5	2/22/2018	1342	-2 27	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38 5	3/15/2018	1249	-6 38	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38 5	4/25/2018	1007	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38 5	5/30/2018	0932	-14.64	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38 5	6/20/2018	0805	-22.20	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-2-5	7/18/2017	0910	0 00	0 00	0.0	0	7.4	13.5	0 6	0 0	0 0	0.0	
VMP-2-5	8/17/2017	1018	0 00	0 00	0.0	0	7.6	13.4	0 3	0 0	0 0	0.0	
VMP-2-5	9/14/2017	1028	0 00	0 00	0.0	0	6.8	14.6	0 3	0 0	0 0	0.0	
VMP-2-5	10/24/2017	1107	0 00	0 00	0.0	0	4.3	17.1	0.1	0 0	0 0	0.0	
VMP-2-5	11/28/2017	929	0 00	0 34	0.0	0	2.0	19.2	0.4	0 0	0 0	0.0	
VMP-2-5	12/19/2017	0949	0 00	0 00	0.0	0	1.9	19.5	0 2	0 0	0 0	0.0	
VMP-2-5	1/19/2018	1026	0 00	0 00	0.0	0	1.3	19.9	0.4	0 0	0 0	0.0	
VMP-2-5	2/22/2018	1500	0 00	0 00	0.0	0	1.3	19.9	0 2	0 0	0 0	0.0	
VMP-2-5	3/15/2018	1303	0 00	0 00	0.0	0	1.3	19.6	0 3	0 0	0 0	0.0	
VMP-2-5	4/25/2018	1022	0 00	0 00	0.0	0	1.4	19.4	0 3	0 0	0 0	0.0	
VMP-2-5	5/30/2018	1002	0 00	0 00	0.0	0	3.3	16.7	0 3	0 0	0 0	0.0	
VMP-2-5	6/20/2018	0838	0 00	0 00	0.0	0	5.1	15.2	0.4	0 0	0 0	0.0	
VMP-2-8.5	7/18/2017	0912	0 00	0 00	0.0	0	4.0	16.4	0 6	0 0	0 0	0.0	
VMP-2-8.5	8/17/2017	1019	0 00	0 00	0.0	0	4.9	15.6	0.7	0 0	0 0	0.0	
VMP-2-8.5	9/14/2017	1030	0 00	0 00	0.0	0	5.1	15.9	0 3	0 0	0 0	0.0	
VMP-2-8.5	10/24/2017	1109	-0.13	0 00	0.0	0	4.7	16.7	0 2	0 0	0 0	0.0	
VMP-2-8.5	11/28/2017	930	-0.10	-0.15	0.0	0	3.3	18.3	0.1	0 0	0 0	0.0	
VMP-2-8.5	12/19/2017	0950	0 00	0 00	0.0	0	2.9	19.0	0 2	0 0	0 0	0.0	
VMP-2-8.5	1/19/2018	1027	0 00	0 00	0.0	0	2.7	19.0	0.1	0 0	0 0	0.0	
VMP-2-8.5	2/22/2018	1501	-0.15	-0.11	0.0	0	2.0	19.6	0.4	0 0	0 0	0.0	
VMP-2-8.5	3/15/2018	1305	0 00	0 00	0.0	0	1.7	19.4	0 5	0 0	0 0	0.0	
VMP-2-8.5	4/25/2018	1024	-0 09	-0 09	0.0	0	1.5	19.5	0.4	0 0	0 0	0.0	
VMP-2-8.5	5/30/2018	1003	0 00	0 00	0.0	0	1.9	18.8	0.4	0 0	0 0	0.0	
VMP-2-8.5	6/20/2018	0839	-0.10	-0.17	0.0	0	2.9	17.3	0.4	0 0	0 0	0.0	
VMP-2-22	7/18/2017	0914	-0 26	-0 30	0.0	0	2.2	18.2	0.4	0 0	0 0	0.0	
VMP-2-22	8/17/2017	1020	-0 25	0 00	0.0	0	3.2	17.2	0 6	0 0	0 0	0.0	
VMP-2-22	9/14/2017	1032	-0.15	0 00	0.0	0	3.2	17.7	0 0	0 0	0 0	0.0	
VMP-2-22	10/24/2017	1111	-0.40	-0.43	0.0	0	3.5	17.8	0.1	0 0	0 0	0.0	
VMP-2-22	11/28/2017	931	0 00	-0.12	0.0	0	2.7	18.2	0.1	0 0	0 0	0.0	
VMP-2-22	12/19/2017	0951	-0 26	-0 25	0.0	0	2.1	19.4	0.4	0 0	0 0	0.0	
VMP-2-22-Dup	12/19/2017	0951	NM	NM	0.0	0	2.2	19.4	0.4	0 0	0 0	0.0	Duplicate sample.
VMP-2-22	1/19/2018	1028	-0.11	0.13	0.0	0	2.3	19.3	0 2	0 0	0 0	0.0	
VMP-2-22	2/22/2018	1502	-0.40	-0 35	0.0	0	1.9	19.6	0 3	0 0	0 0	0.0	
VMP-2-22	3/15/2018	1306	-0.11	0 00	0.0	0	1.7	19.3	0 6	0 0	0 0	0.0	
VMP-2-22	4/25/2018	1026	-0 37	-0 33	0.0	0	1.4	19.6	0 3	0 0	0 0	0.0	
VMP-2-22	5/30/2018	1004	-0 26	-0 24	0.0	0	1.9	18.8	0 5	0 0	0 0	0.0	
VMP-2-22	6/20/2018	0840	-0 33	-0.48	0.0	0	1.9	18.4	0 5	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-2-42	7/18/2017	0916	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	8/17/2017	1021	-0.18	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	9/14/2017	1034	0 35	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	10/24/2017	1113	13.11	-0 21	OVR	OVR	7.4	0 6	15.6	1000000	1000000	0.0	Flame-out occurred on FID and methane scrubber.
VMP-2-42	11/28/2017	932	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	12/19/2017	0952	1 39	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	1/19/2018	1029	4 22	-0 22	OVR	OVR	7.1	1.4	13.4	1000000	1000000	0.0	Flame-out occurred on FID and methane scrubber. 10:1 dilution probe was used.
VMP-2-42	2/22/2018	1503	10.43	1 02	OVR	OVR	8.0	0 6	16.2	1000000	1000000	0.0	Flame-out occurred on FID and methane scrubber. 10:1 dilution probe was used.
VMP-2-42	3/15/2018	1307	6 07	8.19	0.2	4	0.0	20.6	23.6	14.7	14.7	0.0	Water encountered during attempted re-sample; re-sample tedlar not screened.
VMP-2-42	4/25/2018	1028	0 55	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	5/30/2018	1005	9.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	6/20/2018	0841	-5 66	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-5	7/18/2017	1052	-0.10	0 00	0.0	0	1.0	19.8	0.4	0 0	0 0	0.0	
VMP-3-5	8/17/2017	1151	0.47	-0.42	0.0	0	1.1	19.7	0 6	0 0	0 0	0.0	
VMP-3-5	9/14/2017	1203	0 00	0 00	0.0	0	0.5	20.4	1 3	0 6	0 0	0.6	
VMP-3-5	10/24/2017	1239	-0.12	-0.15	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-3-5	11/28/2017	1225	0 00	0 00	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-3-5	12/19/2017	1148	0 00	0 00	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-3-5	1/19/2018	0837	-0.12	-0.15	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-3-5	2/22/2018	1106	-0.19	-0.17	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-3-5	3/15/2018	1028	-0.10	-0.15	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-3-5	3/30/2018	1217	-0 21	NM	0.0	0	0.0	20.7	0 2	0 0	0 0	0.0	
VMP-3-5	4/11/2018	1045	0 00	NM	0.0	0	0.0	20.0	0 2	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-3-5	4/25/2018	1247	0 00	-0.10	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-3-5	5/30/2018	1101	-0.11	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-5	6/20/2018	0943	0 00	0 00	0.0	0	0.1	20.4	0 5	0 0	0 0	0.0	
VMP-3-10	7/18/2017	1054	-0.76	-0.78	0.0	0	0.8	20.0	0 5	0 0	0 0	0.0	
VMP-3-10	8/17/2017	1152	0.77	-0.79	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-3-10	9/14/2017	1205	-0 66	-0 61	0.0	0	0.5	20.3	0 8	0 0	0 0	0.0	
VMP-3-10	10/24/2017	1241	-0 96	-0 98	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-3-10	11/28/2017	1226	-0 69	-0 67	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-3-10	12/19/2017	1149	-0.49	-0.49	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-3-10	1/19/2018	0838	-0.47	-0 58	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-3-10	2/22/2018	1107	-1 29	-1 24	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-3-10	3/15/2018	1029	-1 04	-0 98	0.0	0	0.0	20.8	0 3	0 0	0 0	0.0	
VMP-3-10	3/30/2018	1218	-2 27	NM	0.0	0	0.3	20.6	0.4	0 0	0 0	0.0	
VMP-3-10	4/11/2018	1046	0.11	NM	0.0	0	0.3	20.2	0 2	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-3-10	4/25/2018	1249	-1 61	-1 60	0.0	0	0.1	20.7	0 8	0 0	0 0	0.0	
VMP-3-10	5/30/2018	1102	-1.76	-1.13	0.0	0	0.5	20.3	0 2	0 0	0 0	0.0	
VMP-3-10	6/20/2018	0944	-1 24	-2.11	0.0	0	0.6	20.0	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-3-22	7/18/2017	1056	-1.40	-1 39	0.0	0	1.2	19.9	0.4	0 0	0 0	0.0	
VMP-3-22	8/17/2017	1153	1 34	-1 37	0.0	0	0.0	20.9	0 6	0 0	0 0	0.0	
VMP-3-22	9/14/2017	1207	-1.17	-1.19	0.0	0	1.2	19.9	0 3	0 0	0 0	0.0	
VMP-3-22	10/24/2017	1243	-1.44	-1 59	0.0	0	0.8	20.2	0.1	0 0	0 0	0.0	
VMP-3-22	11/28/2017	1227	-1 06	-1 02	0.0	0	0.4	20.5	0 8	0 0	0 0	0.0	
VMP-3-22	12/19/2017	1150	-0 80	-0.78	0.0	0	0.5	20.3	0.1	0 0	0 0	0.0	
VMP-3-22	1/19/2018	0839	-0.71	-0 87	0.0	0	0.7	20.1	0 2	0 0	0 0	0.0	
VMP-3-22	2/22/2018	1108	-1 52	-1.47	0.0	0	0.4	20.7	0 0	0 0	0 0	0.0	
VMP-3-22	3/15/2018	1030	-1.73	-1.79	0.0	0	0.4	20.5	0 8	0 0	0 0	0.0	
VMP-3-22	3/30/2018	1219	-2.74	NM	0.0	0	0.4	20.6	0 2	0 0	0 0	0.0	
VMP-3-22	4/11/2018	1047	0.15	NM	0.0	0	1.5	15.4	0 6	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-3-22	4/25/2018	1251	-2 05	-2 06	0.0	0	0.3	20.5	0 2	0 0	0 0	0.0	
VMP-3-22	5/30/2018	1103	-2 09	-1 90	0.0	0	0.8	19.8	0 2	0 0	0 0	0.0	
VMP-3-22	6/20/2018	0945	-1 37	-2 05	0.0	0	1.3	19.4	0.4	0 0	0 0	0.0	
VMP-3-31 5	7/18/2017	1058	-8 24	-8 34	0.0	0	2.2	18.8	0 3	3 9	3 9	0.0	
VMP-3-31 5	8/17/2017	1154	-8 25	-6.70	0.0	0	4.1	16.5	0 5	18.9	18.9	0.0	
VMP-3-31 5	9/14/2017	1209	-8 22	-8.18	0.0	0	4.1	16.4	0.4	23.9	23.9	0.0	
VMP-3-31 5	10/24/2017	1245	-9 99	-9 82	0.0	0	4.5	17.1	0 6	161	161	0.0	
VMP-3-31 5-Dup	10/24/2017	1245	NM	NM	0.0	0	4.5	17.2	0 6	145	145	0.0	Duplicate sample.
VMP-3-31 5	11/28/2017	1228	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-31 5	12/19/2017	1332	-5 83	-4 94	0.0	0	4.8	17.0	0.1	4 8	4 8	0.0	
VMP-3-31 5	1/19/2018	0840	-5.73	-6 32	0.0	0	5.5	16.2	0 0	4 3	4 3	0.0	
VMP-3-31 5	2/22/2018	1109	-8 65	-8.49	0.0	0	3.1	18.9	0.1	0 0	0 0	0.0	
VMP-3-31 5	3/15/2018	1031	-9 26	-9 24	0.0	0	4.3	18.0	0 5	0 0	0 0	0.0	
VMP-3-31 5	3/30/2018	1220	-10.70	NM	0.0	0	4.3	18.0	0 2	0 0	0 0	0.0	
VMP-3-31 5	4/11/2018	1048	0 28	NM	0.0	0	7.4	9 6	0 2	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-3-31 5	4/25/2018	1253	-9 69	-9 66	0.0	0	3.2	18.5	0 3	0 0	0 0	0.0	
VMP-3-31 5	5/30/2018	1104	-8 97	-8.74	0.0	0	2.9	18.3	0 3	0 0	0 0	0.0	
VMP-3-31 5	6/20/2018	0946	-8.78	-8.77	0.0	0	3.1	17.4	0 3	0 0	0 0	0.0	
VMP-3-39	7/18/2017	1059	-0.19	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	8/17/2017	1155	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	9/14/2017	1210	0 87	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	10/24/2017	1247	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	11/28/2017	1229	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	12/19/2017	1152	0.47	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	1/19/2018	0841	-0.16	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	2/22/2018	1110	-3 29	-3 04	0.5	11	4.9	13.2	47.8	2590	1810	780	
VMP-3-39	3/15/2018	1032	-3 36	-3 37	4.0	80	9.2	8 0	189	4330	778	3552	
VMP-3-39	3/30/2018	1221	-4.49	NM	1.7	34	10.1	7 0	125	2270	347	1923	
VMP-3-39	4/11/2018	1049	0 39	NM	43 0	OVR	10.7	1 2	223	51510	28420	23090	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-3-39-Dup	4/11/2018	1049	NM	NM	48 6	OVR	10.7	1.1	223	59330	31950	27380	Duplicate sample. SVE system was shutdown from 12:40 pm 4/4/18 to 14 07 pm 4/11/18.
VMP-3-39	4/25/2018	1255	-3.47	-3 37	0.1	2	4.1	16.9	6.7	106	40.0	66.0	
VMP-3-39	5/30/2018	1105	-2 54	-2 95	0.0	0	4.0	17.4	0 2	2 3	2 3	0.0	
VMP-3-39	6/20/2018	0947	-2 99	-2 30	0.0	0	3.7	17.2	0.4	7.4	7.4	0.0	

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SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-4-5	7/18/2017	1050	-0 36	0 00	0.0	0	0.2	20.7	0.1	0 0	0 0	0.0	
VMP-4-5	8/17/2017	1324	-0 34	-0 32	0.0	0	0.2	20.7	0 6	0 0	0 0	0.0	
VMP-4-5	9/14/2017	1016	-0.10	-0.16	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-4-5	10/24/2017	1303	-0.15	-0.16	0.0	0	0.2	20.7	0.1	0 0	0 0	0.0	
VMP-4-5	11/28/2017	1227	0 00	0 00	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-4-5	12/19/2017	1105	-0.12	-0.10	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-4-5	1/18/2018	1527	0 00	0 00	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-4-5	2/22/2018	0959	-0.13	-0 26	0.0	0	0.1	20.8	0.4	0 0	0 0	0.0	
VMP-4-5	3/15/2018	0846	-0.14	-0.17	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-4-5	4/11/2018	1220	0 00	NM	0.0	0	0.2	20.6	0 3	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-4-5	4/25/2018	1450	-0 38	-0.17	0.0	0	0.2	20.7	0 2	0 0	0 0	0.0	
VMP-4-5	5/30/2018	1016	-0 37	-0.48	0.0	0	0.2	20.8	0 2	0 0	0 0	0.0	
VMP-4-5	6/20/2018	1011	-0.42	-0 50	0.0	0	0.4	20.4	0 6	0 0	0 0	0.0	
VMP-4-12	7/18/2017	1051	-0.40	-0 39	0.0	0	1.5	19.6	0 2	0 0	0 0	0.0	
VMP-4-12	8/17/2017	1325	-0 38	-0 36	0.0	0	1.7	19.7	1 3	0 0	0 0	0.0	
VMP-4-12	9/14/2017	1017	-0.15	-0 21	0.0	0	1.3	19.7	0 3	0 0	0 0	0.0	
VMP-4-12	10/24/2017	1304	-0 30	-0 34	0.0	0	1.1	19.8	0.1	0 0	0 0	0.0	
VMP-4-12	11/28/2017	1228	-0.10	-0.16	0.0	0	0.7	20.5	0 3	0 0	0 0	0.0	
VMP-4-12	12/19/2017	1106	-0 22	-0 21	0.0	0	0.5	20.6	0.1	0 0	0 0	0.0	
VMP-4-12	1/18/2018	1528	-0.16	-0.14	0.0	0	0.6	20.3	0.1	0 0	0 0	0.0	
VMP-4-12	2/22/2018	1000	-0 31	-0 34	0.0	0	0.3	20.7	0.1	0 0	0 0	0.0	
VMP-4-12	3/15/2018	0847	-0 66	-0.40	0.0	0	0.3	20.6	0 0	0 0	0 0	0.0	
VMP-4-12	4/11/2018	1201	0 00	NM	0.0	0	0.4	20.2	0.1	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-4-12	4/25/2018	1452	-0.42	-0.44	0.0	0	0.5	20.2	0 2	0 0	0 0	0.0	
VMP-4-12	5/30/2018	1017	-0.41	-0 53	0.0	0	1.3	19.6	0 2	0 0	0 0	0.0	
VMP-4-12	6/20/2018	1012	-0.45	-0 82	0.0	0	1.5	19.5	0 3	0 0	0 0	0.0	
VMP-4-23 5	7/18/2017	1052	-6 39	-6 30	0.0	0	1.8	19.1	1 2	50.1	48.4	1.7	
VMP-4-23 5	8/17/2017	1326	-5 90	-5 88	0.0	0	2.3	18.6	1 3	46.2	46.2	0.0	
VMP-4-23 5	9/14/2017	1018	-5 88	-5 81	0.0	0	2.0	18.8	0.4	22.3	22.3	0.0	
VMP-4-23 5	10/24/2017	1305	-6.44	-6 52	0.0	0	0.9	20.0	0 3	9 2	9 2	0.0	
VMP-4-23 5	11/28/2017	1229	-4 80	-4 97	0.0	0	1.5	19.8	0 6	3.7	2 0	1.7	
VMP-4-23 5	12/19/2017	1107	-5.42	-5 24	0.0	0	1.8	19.5	1 2	1.1	0.4	0.7	
VMP-4-23 5	1/18/2018	1529	-2 00	-2 02	0.0	0	3.1	16.9	0.1	0 0	0 0	0.0	
VMP-4-23 5	2/22/2018	1001	-4.46	-4 61	0.0	0	1.3	19.7	0 2	0 0	0 0	0.0	
VMP-4-23 5	3/15/2018	0848	-5.15	-5 32	0.0	0	1.9	18.9	1 2	17.4	0 0	17.4	
VMP-4-23 5	4/11/2018	1202	-0 32	NM	0.0	0	2.0	18.4	1 6	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-4-23 5	4/25/2018	1454	-4.79	-4 84	0.2	4	1.5	19.0	22.8	264	3 5	261	
VMP-4-23 5	5/30/2018	1018	-4 68	-4 88	0.2	4	1.7	18.8	9.7	115	0 0	115	
VMP-4-23 5	6/20/2018	1013	-5 32	-5.13	0.1	3	1.9	18.3	12.5	149	0 0	149	

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-4-39	7/18/2017	1053	-0.43	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	8/17/2017	1327	3 99	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	9/14/2017	1019	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	10/24/2017	1306	1 21	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	11/28/2017	1230	1.40	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	12/19/2017	1108	1.13	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	1/18/2018	1530	0.42	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	2/22/2018	1002	1.47	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	3/15/2018	0849	1 67	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	4/11/2018	1203	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged. SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-4-39	4/25/2018	1456	1.14	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	5/30/2018	1019	0.11	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	6/20/2018	1014	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-5	7/18/2017	0932	0 00	0 00	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-5-5	8/17/2017	1129	0 00	0 00	0.0	0	0.0	20.9	1 2	0 2	0 0	0.2	
VMP-5-5	9/14/2017	0834	0 00	0 00	0.0	0	0.1	20.7	0 6	0 0	0 0	0.0	
VMP-5-5	10/24/2017	1033	-0.10	-0.10	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-5-5	11/28/2017	925	0 00	0 00	0.0	0	0.0	20.9	0.1	0 9	0 9	0.0	
VMP-5-5	12/19/2017	0911	-0.14	-0.11	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-5-5	1/18/2018	1415	0 00	0 00	0.0	0	0.1	20.7	0.1	0 0	0 0	0.0	
VMP-5-5	2/21/2018	1613	-0 09	0 00	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-5-5	3/15/2018	0752	0 00	0 00	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-5-5	3/30/2018	1137	0 00	NM	0.0	0	0.0	20.9	0 2	1 3	1 3	0.0	
VMP-5-5	4/11/2018	0955	0 00	NM	0.0	0	0.2	20.4	0 5	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-5-5	4/25/2018	1049	0 00	0 00	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-5-5	5/30/2018	0901	0 00	0 00	0.0	0	0.2	20.6	0 2	0 0	0 0	0.0	
VMP-5-5	6/20/2018	0819	-0 09	0 00	0.0	0	0.2	20.5	0.4	0 0	0 0	0.0	
VMP-5-12 5	7/18/2017	0933	-0 60	-0 57	0.0	0	0.4	20.4	0 2	0 0	0 0	0.0	
VMP-5-12 5	8/17/2017	1130	-0 53	-0.49	0.0	0	0.5	20.5	0.4	0 0	0 0	0.0	
VMP-5-12 5	9/14/2017	0835	-0 56	-0.47	0.0	0	0.4	20.4	0 3	0 0	0 0	0.0	
VMP-5-12 5	10/24/2017	1034	-0 57	-0 58	0.0	0	0.3	20.6	0 3	0 0	0 0	0.0	
VMP-5-12 5	11/28/2017	926	-0 39	-0.41	0.0	0	0.2	20.6	0.1	0 0	0 0	0.0	
VMP-5-12 5	12/19/2017	0912	-0 59	-0 59	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-5-12 5	1/18/2018	1416	0 00	0 00	0.0	0	0.3	20.5	0 0	0 0	0 0	0.0	
VMP-5-12 5	2/21/2018	1614	-0.16	0 00	0.0	0	0.3	20.6	0.4	0 0	0 0	0.0	
VMP-5-12 5	3/15/2018	0753	-0.19	-0.14	0.0	0	0.2	20.6	0 2	0 0	0 0	0.0	
VMP-5-12 5	3/30/2018	1138	-0 26	NM	0.0	0	0.2	20.7	0 2	0 0	0 0	0.0	
VMP-5-12 5	4/11/2018	0956	0 00	NM	0.0	0	0.4	19.9	0 3	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-5-12 5	4/25/2018	1050	-0.18	-0.15	0.0	0	0.4	20.5	0.4	0 0	0 0	0.0	
VMP-5-12 5	5/30/2018	0902	-0 21	-0.16	0.0	0	0.7	20.2	0.1	0 0	0 0	0.0	
VMP-5-12 5	6/20/2018	0820	-0 28	-0 25	0.0	0	1.0	19.8	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-5-31	7/18/2017	0934	-2 90	-2 84	0.0	0	0.7	20.2	0 2	0 0	0 0	0.0	
VMP-5-31	8/17/2017	1131	-2 68	-2 59	0.0	0	0.7	20.3	0 3	0 0	0 0	0.0	
VMP-5-31	9/14/2017	0836	-2 69	-2.46	0.0	0	0.6	20.3	0 5	0 0	0 0	0.0	
VMP-5-31-Dup	9/14/2017	0836	NM	NM	0.0	0	0.6	20.3	0 5	0 0	0 0	0.0	Duplicate sample.
VMP-5-31	10/24/2017	1035	-2.71	-2.79	0.0	0	0.5	20.4	0 2	0 0	0 0	0.0	
VMP-5-31	11/28/2017	927	-2 31	-2 39	0.0	0	0.4	20.5	0.1	0 0	0 0	0.0	
VMP-5-31	12/19/2017	0913	-2 62	-2 65	0.0	0	0.3	20.7	0 2	0 0	0 0	0.0	
VMP-5-31	1/18/2018	1417	0 00	-0.12	0.0	0	0.6	20.3	0.1	2 5	2 5	0.0	
VMP-5-31	2/21/2018	1615	-0.70	-0 34	0.0	0	0.7	20.3	0 3	0 0	0 0	0.0	
VMP-5-31	3/15/2018	0754	-1 05	-0 96	0.0	0	0.6	20.4	0 2	0 0	0 0	0.0	
VMP-5-31	3/30/2018	1139	-1.43	NM	0.0	0	0.5	20.4	0.7	0 0	0 0	0.0	
VMP-5-31	4/11/2018	0957	0 20	NM	0.0	0	0.6	20.2	0 5	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-5-31	4/25/2018	1051	-1 05	-1 04	0.0	0	0.6	20.2	0 6	0 0	0 0	0.0	
VMP-5-31	5/30/2018	0903	-1 00	-0 90	0.0	0	0.8	19.9	0.1	0 0	0 0	0.0	
VMP-5-31	6/20/2018	0821	-1 04	-1.15	0.0	0	1.1	19.5	0 3	0 0	0 0	0.0	
VMP-5-40	7/18/2017	0935	-0 22	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	8/17/2017	1132	0.46	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	9/14/2017	0837	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	10/24/2017	1036	-4.44	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	11/28/2017	928	-2 37	-2.41	0.0	0	1.0	19.9	0 3	0 0	0 0	0.0	
VMP-5-40	12/19/2017	0914	-2 66	-2 68	0.0	0	0.9	20.3	0.1	0 0	0 0	0.0	
VMP-5-40	1/18/2018	1418	0 00	-0.11	0.0	0	0.8	20.1	0.1	6 8	6 8	0.0	
VMP-5-40-Dup	1/18/2018	1418	NM	NM	0.0	0	0.8	20.2	0.1	7 9	7 9	0.0	Duplicate sample.
VMP-5-40	2/21/2018	1616	-0.71	-0.40	0.0	0	1.0	19.9	0 2	6 8	6 8	0.0	
VMP-5-40	3/15/2018	0755	-1 05	-0 97	0.0	0	0.8	20.2	0.1	12.8	11.4	1.4	
VMP-5-40-Dup	3/15/2018	0755	NM	NM	0.0	0	0.8	20.2	0.1	15.0	11.8	3.2	Duplicate sample.
VMP-5-40	3/30/2018	1140	-1.44	NM	0.0	0	0.8	20.1	0 5	0 6	0 6	0.0	
VMP-5-40-Dup	3/30/2018	1140	NM	NM	0.0	0	0.8	20.1	0 5	1 5	1 5	0.0	Duplicate sample.
VMP-5-40	4/11/2018	0958	0 21	NM	0.0	0	0.7	20.1	0 6	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-5-40	4/25/2018	1052	-1 08	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	5/30/2018	0904	-1 00	-0 90	0.0	0	1.1	19.7	0 2	0 0	0 0	0.0	
VMP-5-40	6/20/2018	0822	-1 05	-1.15	0.0	0	1.2	19.2	0.4	0 0	0 0	0.0	
VMP-6-5	7/18/2017	0831	-0.17	-0 22	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-6-5	8/17/2017	0941	-0 24	-0 22	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-6-5	9/13/2017	1434	-0.14	-0.12	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-6-5	10/24/2017	0905	-0 27	-0 25	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-6-5	11/28/2017	805	0 00	0 00	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-6-5	12/19/2017	0808	-0 23	-0 25	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-6-5	1/18/2018	1032	0 00	0 00	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-6-5	2/21/2018	1446	-0.13	-0.16	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-6-5	3/14/2018	1358	0 00	0 00	0.0	0	0.0	20.8	0 0	0 0	0 0	0.0	
VMP-6-5	3/30/2018	1115	0 00	NM	0.0	0	0.2	19.9	0 2	0 0	0 0	0.0	
VMP-6-5	4/11/2018	0930	0 00	NM	0.0	0	0.1	20.3	0.1	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-6-5	4/25/2018	0950	0 00	0 00	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-6-5	5/30/2018	0813	0 00	0 00	0.0	0	0.7	18.4	0 2	0 0	0 0	0.0	
VMP-6-5	6/19/2018	1509	0 00	0 00	0.0	0	1.6	18.5	0 5	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-6-10	7/18/2017	0832	-0 22	-0.71	0.0	0	0.5	20.5	0 2	0 0	0 0	0.0	
VMP-6-10	8/17/2017	0942	-0.75	-0 68	0.0	0	0.4	20.4	0.4	0 0	0 0	0.0	
VMP-6-10	9/13/2017	1435	0 00	-0 27	0.0	0	0.1	20.9	0 5	0 0	0 0	0.0	
VMP-6-10	10/24/2017	0906	-0.12	-0.73	0.0	0	0.1	20.7	0 0	0 0	0 0	0.0	
VMP-6-10	11/28/2017	806	-0 66	-0 54	0.0	0	0.1	20.8	0 0	0 0	0 0	0.0	
VMP-6-10	12/19/2017	0809	-0.71	-0.74	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-6-10	1/18/2018	1033	-0 37	-0 32	0.0	0	0.1	20.8	0 0	0 0	0 0	0.0	
VMP-6-10	2/21/2018	1447	-0 33	-0 33	0.0	0	0.1	20.7	0.1	0 0	0 0	0.0	
VMP-6-10	3/14/2018	1359	0 09	0 00	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-6-10	3/30/2018	1116	-0.18	NM	0.0	0	0.1	20.7	0 3	0 0	0 0	0.0	
VMP-6-10	4/11/2018	0931	0.12	NM	0.0	0	0.1	20.3	0 0	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-6-10	4/25/2018	0951	-0.15	0 00	0.0	0	0.2	20.6	0.1	0 0	0 0	0.0	
VMP-6-10	5/30/2018	0814	-0.10	0 00	0.0	0	1.0	19.0	0.4	0 0	0 0	0.0	
VMP-6-10	6/19/2018	1510	0 00	0 00	0.0	0	1.8	18.5	0 8	0 0	0 0	0.0	
VMP-6-31 5	7/18/2017	0833	-1 60	-0 65	0.0	0	1.2	19.8	0.1	0 0	0 0	0.0	
VMP-6-31 5	8/17/2017	0943	-1 65	-1 60	0.0	0	1.4	19.5	0 2	0 0	0 0	0.0	
VMP-6-31 5-Dup	8/17/2017	0943	NM	NM	0.0	0	1.4	19.5	0 2	0 0	0 0	0.0	Duplicate sample.
VMP-6-31 5	9/13/2017	1436	-1.11	-1 33	0.0	0	1.3	20.2	0.1	0 0	0 0	0.0	
VMP-6-31 5	10/24/2017	0907	-1.46	-1 54	0.0	0	1.3	19.9	0 0	0 0	0 0	0.0	
VMP-6-31 5	11/28/2017	807	-1.15	-1 23	0.0	0	1.0	19.9	0.1	0 0	0 0	0.0	
VMP-6-31 5	12/19/2017	0810	-1 53	-1 58	0.0	0	0.9	20.2	0.1	0 0	0 0	0.0	
VMP-6-31 5	1/18/2018	1034	-0 84	-0 66	0.0	0	1.2	19.8	0.1	0 0	0 0	0.0	
VMP-6-31 5	2/21/2018	1448	-0 66	-0.70	0.0	0	1.2	19.9	0 2	0 0	0 0	0.0	
VMP-6-31 5	3/14/2018	1400	-0 27	0.11	0.0	0	1.0	19.8	0 0	0 0	0 0	0.0	
VMP-6-31 5	3/30/2018	1117	-0 20	NM	0.0	0	0.6	20.3	0 2	0 0	0 0	0.0	
VMP-6-31 5	4/11/2018	0932	0.17	NM	0.0	0	0.8	19.8	0.1	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-6-31 5	4/25/2018	0952	-0.40	-0.16	0.0	0	0.5	20.3	0 2	0 0	0 0	0.0	
VMP-6-31 5	5/30/2018	0815	-0 24	-0 20	0.0	0	0.9	19.9	0 2	0 0	0 0	0.0	
VMP-6-31 5	6/19/2018	1511	0 00	0 00	0.0	0	1.7	18.2	0.1	0 0	0 0	0.0	
VMP-6-39	7/18/2017	0834	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	8/17/2017	0944	0.43	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	9/13/2017	1437	1 26	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	10/24/2017	0908	-1 61	-1 60	0.0	0	1.7	19.8	0.1	0 0	0 0	0.0	
VMP-6-39	11/28/2017	808	-1.44	-1 27	0.0	0	1.4	19.7	0 0	0 0	0 0	0.0	
VMP-6-39	12/19/2017	0811	-1 55	-1 59	0.0	0	1.4	19.9	0 0	0 0	0 0	0.0	
VMP-6-39	1/18/2018	1035	-0 83	-0 66	0.0	0	1.8	19.2	0 2	0 0	0 0	0.0	
VMP-6-39	2/21/2018	1449	-0.70	-0.70	0.0	0	1.6	19.3	0.1	0 0	0 0	0.0	
VMP-6-39	3/14/2018	1401	0.18	0.19	0.0	0	1.7	19.2	0.1	0 0	0 0	0.0	
VMP-6-39	3/30/2018	1118	-0 51	NM	0.0	0	1.5	19.6	0 5	0 0	0 0	0.0	
VMP-6-39	4/11/2018	0933	0 22	NM	0.0	0	1.5	19.1	0.1	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-6-39	4/25/2018	0953	-0.41	-0 21	0.0	0	1.5	19.2	0 2	0 0	0 0	0.0	
VMP-6-39	5/30/2018	0816	-0 25	-0 20	0.0	0	1.7	18.9	0 0	0 0	0 0	0.0	
VMP-6-39	6/19/2018	1512	0 00	0 00	0.0	0	2.2	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-7-5	7/17/2017	1500	-0 53	-1 57	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-7-5	8/17/2017	0905	-1 04	-0 89	0.0	0	0.1	20.7	4 5	4 8	0 0	4.8	
VMP-7-5	9/13/2017	1348	-1 24	-0 81	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-7-5	10/24/2017	0813	-1 99	-3.74	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-7-5	11/27/2017	1411	-0 85	-0.44	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-7-5	12/18/2017	1401	-0 57	-0.49	0.0	0	0.0	20.9	0.7	1 3	1 3	0.0	
VMP-7-5	1/18/2018	1011	4 37	-0 23	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-7-5	2/21/2018	1426	-0.75	0 00	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-7-5	3/14/2018	1340	-0 33	-0.13	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-7-5	4/25/2018	0850	-0.70	0.17	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-7-5	5/30/2018	1427	-0 50	-0 53	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-7-5	6/19/2018	1409	-0.12	0 00	0.0	0	0.3	20.4	0 8	32.9	32.9	0.0	
VMP-7-13 5	7/17/2017	1501	-1 20	-1.18	0.0	0	0.3	20.7	0.1	0 0	0 0	0.0	
VMP-7-13 5	8/17/2017	0906	-1 56	-1 28	0.0	0	0.2	20.5	0.4	0 0	0 0	0.0	
VMP-7-13 5	9/13/2017	1349	-0.75	-1 07	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-7-13 5	10/24/2017	0814	-1 32	-1 24	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-7-13 5	11/27/2017	1412	-0.78	-0 91	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-7-13 5	12/18/2017	1402	-1 03	-1.10	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-7-13 5	1/18/2018	1012	-0.70	-0 56	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-7-13 5	2/21/2018	1427	-0.42	-0 68	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-7-13 5	3/14/2018	1341	-0.43	-0 23	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-7-13 5	4/25/2018	0851	-0 52	-0 80	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-7-13 5	5/30/2018	1429	-0.13	0 00	0.0	0	0.4	20.6	0 2	0 0	0 0	0.0	
VMP-7-13 5	6/19/2018	1410	-0.14	-0.10	0.0	0	0.5	20.3	0 2	0 0	0 0	0.0	
VMP-7-29 5	7/17/2017	1502	-1 85	-0 28	0.0	0	1.7	19.4	0 2	0 0	0 0	0.0	
VMP-7-29 5-Dup	7/17/2017	1502	NM	NM	0.0	0	1.7	19.3	0 2	0 0	0 0	0.0	Duplicate sample.
VMP-7-29 5	8/17/2017	0907	-1 85	-1 57	0.0	0	1.7	19.3	0 2	0 0	0 0	0.0	
VMP-7-29 5	9/13/2017	1350	-0 99	-1 36	0.0	0	1.3	19.7	0 0	8 5	8 5	0.0	
VMP-7-29 5-Dup	9/13/2017	1350	NM	NM	0.0	0	1.4	19.7	0 0	0 8	0 8	0.0	Duplicate sample.
VMP-7-29 5	9/14/2017	1450	-1 30	NM	0.0	0	1.4	19.8	0 3	0 0	0 0	0.0	Re-sample.
VMP-7-29 5	10/24/2017	0815	-1 68	-1 52	0.0	0	1.1	19.9	0.1	0 0	0 0	0.0	
VMP-7-29 5	11/27/2017	1413	-1 61	-1 23	0.0	0	0.7	20.4	0.4	0 0	0 0	0.0	
VMP-7-29 5	12/18/2017	1403	-1 08	-1.40	0.0	0	0.7	20.3	0 3	0 0	0 0	0.0	
VMP-7-29 5	1/18/2018	1013	-0 88	-0.74	0.0	0	0.9	20.1	0 3	0 0	0 0	0.0	
VMP-7-29 5	2/21/2018	1428	-0 54	-0.78	0.0	0	0.6	20.5	0 2	0 0	0 0	0.0	
VMP-7-29 5	3/14/2018	1342	-0 64	0 00	0.0	0	0.5	20.3	0 2	0 0	0 0	0.0	
VMP-7-29 5	4/25/2018	0852	-1 50	-0 64	0.0	0	0.5	20.4	0.1	0 0	0 0	0.0	
VMP-7-29 5	5/30/2018	1430	-1.47	-0.41	0.0	0	0.7	20.0	0.4	0 0	0 0	0.0	
VMP-7-29 5	6/19/2018	1411	-0.43	-0 35	0.0	0	1.1	19.3	0 2	38.4	38.4	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-7-38	7/17/2017	1503	-24.38	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	8/17/2017	0908	-27.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	9/13/2017	1351	-21.70	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	10/24/2017	0816	-2 04	-1 51	0.0	0	2.4	19.2	0.1	0 0	0 0	0.0	
VMP-7-38-Dup	10/24/2017	0816	NM	NM	0.0	0	2.5	19.2	0.1	0 0	0 0	0.0	Duplicate sample.
VMP-7-38	11/27/2017	1414	-1 27	-1.16	0.0	0	1.9	19.9	0 2	0 0	0 0	0.0	
VMP-7-38	12/18/2017	1404	-1 29	-1 39	0.0	0	1.8	19.4	0 2	0 0	0 0	0.0	
VMP-7-38	1/18/2018	1014	-0 87	-0.11	0.0	0	1.6	19.6	0 2	0 0	0 0	0.0	
VMP-7-38	2/21/2018	1429	-1 21	-0 81	0.0	0	1.7	19.7	0.1	0 0	0 0	0.0	
VMP-7-38-Dup	2/21/2018	1429	NM	NM	0.0	0	1.7	19.7	0.1	0 0	0 0	0.0	Duplicate sample.
VMP-7-38	3/14/2018	1343	-0 82	0 09	0.0	0	1.4	19.5	0.1	0 0	0 0	0.0	
VMP-7-38-Dup	3/14/2018	1343	NM	NM	0.0	0	1.4	19.5	0.1	0 0	0 0	0.0	Duplicate sample.
VMP-7-38	4/25/2018	0853	-1 35	-0 60	0.0	0	1.0	20.0	0 3	0 0	0 0	0.0	
VMP-7-38	5/30/2018	1431	-0 26	-0.40	0.0	0	1.1	19.4	0.4	87.0	68.7	18.3	Re-sampled due to elevated concentrations.
VMP-7-38	5/30/2018	1528	-0 62	NM	0.0	0	1.2	19.3	0 8	0 0	0 0	0.0	Re-sample.
VMP-7-38	6/19/2018	1412	-0.15	-0.10	0.0	0	1.4	18.9	0 2	0 0	0 0	0.0	
VMP-7-38-Dup	6/19/2018	1412	NM	NM	0.0	0	1.4	18.9	0 2	0 0	0 0	0.0	Duplicate sample.
VMP-9-5	7/17/2017	1335	-0 26	0 00	0.0	0	0.3	20.6	0 3	0 0	0 0	0.0	
VMP-9-5	8/16/2017	1447	-0.10	-0.12	0.0	0	0.3	20.6	0.4	0 0	0 0	0.0	
VMP-9-5	9/13/2017	1331	-0.11	-0 09	0.0	0	0.2	20.8	0 0	0 0	0 0	0.0	
VMP-9-5	10/23/2017	1358	0 00	0 00	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-9-5	11/27/2017	1315	0 00	-0.11	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-9-5	12/18/2017	1334	-0.11	-0.13	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-9-5	1/18/2018	0832	-0.12	-0.10	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-9-5	2/21/2018	1318	-0.17	-0.10	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-9-5	3/14/2018	1235	-0 20	-0 20	0.0	0	0.0	20.9	0 8	0 0	0 0	0.0	
VMP-9-5	4/24/2018	1358	-0 20	-0 20	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-9-5	5/30/2018	1240	0 00	0 00	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-9-5	6/19/2018	1244	0 00	0 00	0.0	0	0.1	20.8	0 0	0 0	0 0	0.0	
VMP-9-11 5	7/17/2017	1336	-0 32	-0 29	0.0	0	0.6	20.3	0 2	0 0	0 0	0.0	
VMP-9-11 5	8/16/2017	1448	-0 26	-0 36	0.0	0	0.5	20.4	0 3	0 0	0 0	0.0	
VMP-9-11 5	9/13/2017	1332	-0 34	-0 30	0.0	0	0.3	20.7	0 0	0 0	0 0	0.0	
VMP-9-11 5	10/23/2017	1359	-0 24	-0 27	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-9-11 5	11/27/2017	1316	-0 25	-0 32	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-9-11 5	12/18/2017	1335	-0 31	-0 33	0.0	0	0.0	20.9	0.7	0 0	0 0	0.0	
VMP-9-11 5	1/18/2018	0833	-0 31	-0 32	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-9-11 5	2/21/2018	1319	-0 33	-0 25	0.0	0	0.0	20.9	0 6	0 0	0 0	0.0	
VMP-9-11 5	3/14/2018	1236	-0.42	-0 33	0.0	0	0.1	20.8	0.4	0 0	0 0	0.0	
VMP-9-11 5	4/24/2018	1359	-0.44	-0.43	0.0	0	0.2	20.8	0 3	0 0	0 0	0.0	
VMP-9-11 5	5/30/2018	1241	-0 36	-0 36	0.0	0	0.4	20.7	0 3	0 0	0 0	0.0	
VMP-9-11 5	6/19/2018	1245	-0 26	-0 26	0.0	0	0.5	20.5	0 2	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-9-25 5	7/17/2017	1337	-0.41	-0.70	0.0	0	1.2	19.8	0 2	0 0	0 0	0.0	
VMP-9-25 5-Dup	7/17/2017	1337	NM	NM	0.0	0	1.2	19.8	0 2	0 0	0 0	0.0	Duplicate sample.
VMP-9-25 5	8/16/2017	1449	-0 61	-0.78	0.0	0	1.2	19.9	0.7	0 0	0 0	0.0	
VMP-9-25 5	9/13/2017	1333	-0.73	-0 69	0.0	0	0.7	20.3	0 2	0 0	0 0	0.0	
VMP-9-25 5	10/23/2017	1400	-0 57	-0 61	0.0	0	0.5	20.6	0 3	0 0	0 0	0.0	
VMP-9-25 5	11/27/2017	1317	-0 56	-0 65	0.0	0	0.3	20.8	0 6	0 0	0 0	0.0	
VMP-9-25 5	12/18/2017	1336	-0 65	-0 66	0.0	0	0.3	20.7	0 6	0 0	0 0	0.0	
VMP-9-25 5	1/18/2018	0834	-2 29	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-25 5	2/21/2018	1320	-0.72	-0 53	0.0	0	0.2	20.7	0 6	0 0	0 0	0.0	
VMP-9-25 5	3/14/2018	1237	-0.77	-0 61	0.0	0	0.1	20.8	0 5	0 0	0 0	0.0	
VMP-9-25 5	4/24/2018	1400	-0 93	-0 88	0.0	0	0.2	20.7	0 2	0 0	0 0	0.0	
VMP-9-25 5	5/30/2018	1242	-0 95	-0.75	0.0	0	0.3	20.3	0 3	0 0	0 0	0.0	
VMP-9-25 5	6/19/2018	1246	-0 52	-0.43	0.0	0	0.7	19.8	0.1	0 0	0 0	0.0	
VMP-9-38 5	7/17/2017	1338	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38 5	8/16/2017	1450	-0 54	-0 69	0.0	0	2.2	19.1	0.7	0 0	0 0	0.0	
VMP-9-38 5	9/13/2017	1334	-0 65	-0 63	0.0	0	1.2	19.9	0 2	0 0	0 0	0.0	
VMP-9-38 5	10/23/2017	1401	-0.48	-0 55	0.0	0	1.9	19.7	0 3	0 0	0 0	0.0	
VMP-9-38 5	11/27/2017	1318	-0.48	-0 59	0.0	0	1.1	20.0	0 5	0 0	0 0	0.0	
VMP-9-38 5	12/18/2017	1337	-0 59	-0 58	0.0	0	1.4	19.7	0.4	0 0	0 0	0.0	
VMP-9-38 5	1/18/2018	0835	-0 65	-0 64	0.0	0	1.4	19.9	0.1	0 0	0 0	0.0	
VMP-9-38 5-Dup	1/18/2018	0835	NM	NM	0.0	0	1.4	19.9	0.1	0 0	0 0	0.0	Duplicate sample.
VMP-9-38 5	2/21/2018	1321	-1 22	-0 50	0.0	0	1.5	19.8	0 5	0 0	0 0	0.0	
VMP-9-38 5	3/14/2018	1238	-0.73	-0 53	0.0	0	1.4	19.9	0.1	0 0	0 0	0.0	
VMP-9-38 5	4/24/2018	1401	-0 88	-0.79	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	Re-sampled due to elevated oxygen.
VMP-9-38 5	4/25/2018	1520	-0 87	NM	0.0	0	1.4	19.6	0 8	0 0	0 0	0.0	Re-sample.
VMP-9-38 5	5/30/2018	1243	-0 65	-0 67	0.0	0	1.4	19.9	0.1	0 0	0 0	0.0	
VMP-9-38 5	6/19/2018	1247	-0.44	-0 35	0.0	0	0.5	19.1	0 6	0 0	0 0	0.0	
VMP-10-5	7/17/2017	1018	0 00	0 00	0.0	0	0.8	20.2	0 8	0 0	0 0	0.0	
VMP-10-5	8/16/2017	1146	0 00	0 00	0.0	0	0.7	20.4	0 5	0 0	0 0	0.0	
VMP-10-5	9/13/2017	0919	0 00	0 00	0.0	0	0.4	20.5	0.4	0 0	0 0	0.0	
VMP-10-5	10/23/2017	1113	0 00	0 00	0.0	0	0.5	20.4	0 2	0 0	0 0	0.0	
VMP-10-5	11/27/2017	956	0 00	0 00	0.0	0	0.2	20.8	0.7	0 0	0 0	0.0	
VMP-10-5	12/18/2017	1018	0 00	0 00	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-10-5	1/17/2018	1247	0 00	0 00	0.0	0	0.1	20.8	0 0	0 0	0 0	0.0	
VMP-10-5	2/21/2018	1244	0 00	0 00	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-10-5	3/14/2018	1009	0 00	0 00	0.0	0	0.0	20.9	0.7	0 0	0 0	0.0	
VMP-10-5	3/30/2018	1048	0 00	NM	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-10-5	4/11/2018	0850	0 00	NM	0.0	0	0.1	20.6	0.1	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-10-5	4/24/2018	1008	0 00	0 00	0.0	0	0.2	20.7	0.4	0 0	0 0	0.0	
VMP-10-5	5/29/2018	1017	0 00	0 00	0.0	0	1.0	19.9	0 2	0 0	0 0	0.0	
VMP-10-5	6/19/2018	0838	0 00	0 00	0.0	0	0.6	20.3	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-10-10	7/17/2017	1019	0 00	0 00	0.0	0	0.9	20.1	0 2	0 0	0 0	0.0	
VMP-10-10	8/16/2017	1147	0 00	0 00	0.0	0	1.0	20.0	0 5	0 0	0 0	0.0	
VMP-10-10	9/13/2017	0920	-0.10	0 00	0.0	0	0.7	20.2	0.1	0 0	0 0	0.0	
VMP-10-10	10/23/2017	1114	0 00	0 00	0.0	0	0.5	20.3	0 2	0 0	0 0	0.0	
VMP-10-10	11/27/2017	957	0 00	0 00	0.0	0	0.3	20.7	0 2	0 0	0 0	0.0	
VMP-10-10	12/18/2017	1019	0 00	0 00	0.0	0	0.2	20.8	0.1	0 0	0 0	0.0	
VMP-10-10	1/17/2018	1248	0 00	0 00	0.0	0	0.2	20.7	0 0	0 0	0 0	0.0	
VMP-10-10	2/21/2018	1245	0 00	0 00	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-10-10	3/14/2018	1010	0 00	0 00	0.0	0	0.0	20.9	0 8	0 0	0 0	0.0	
VMP-10-10	3/30/2018	1049	0 00	NM	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-10-10	4/11/2018	0851	0 00	NM	0.0	0	0.1	20.6	0 5	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-10-10	4/24/2018	1009	0 00	0 00	0.0	0	0.2	20.7	0 3	0 0	0 0	0.0	
VMP-10-10	5/29/2018	1018	0 00	0 00	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-10-10	6/19/2018	0839	0 00	0 00	0.0	0	0.8	20.1	0 2	0 0	0 0	0.0	
VMP-10-20	7/17/2017	1020	0 00	0 00	0.0	0	1.0	20.0	0.1	0 0	0 0	0.0	
VMP-10-20	8/16/2017	1148	0 00	0 00	0.0	0	1.3	19.7	0 6	0 0	0 0	0.0	
VMP-10-20	9/13/2017	0921	-0.12	0 00	0.0	0	1.1	20.0	0.1	0 0	0 0	0.0	
VMP-10-20	10/23/2017	1115	0 00	0 00	0.0	0	0.9	19.9	0 2	0 0	0 0	0.0	
VMP-10-20	11/27/2017	958	0 00	0 00	0.0	0	0.6	20.5	0 3	0 0	0 0	0.0	
VMP-10-20	12/18/2017	1020	0 00	0 00	0.0	0	0.6	20.4	0 2	0 0	0 0	0.0	
VMP-10-20	1/17/2018	1249	0 00	0 00	0.0	0	0.5	20.4	0.1	0 0	0 0	0.0	
VMP-10-20	2/21/2018	1246	-0.18	-0.18	0.0	0	0.2	20.8	0 2	0 0	0 0	0.0	
VMP-10-20	3/14/2018	1011	0 00	0 00	0.0	0	0.2	20.7	0.4	0 0	0 0	0.0	
VMP-10-20	3/30/2018	1050	-0.11	NM	0.0	0	0.1	20.8	0 5	0 0	0 0	0.0	
VMP-10-20	4/11/2018	0852	0 00	NM	0.0	0	0.1	20.5	0 6	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-10-20	4/24/2018	1010	-0.10	0 00	0.0	0	0.2	20.7	0 3	0 0	0 0	0.0	
VMP-10-20	5/29/2018	1019	0 00	0 00	0.0	0	0.4	20.3	0.1	0 0	0 0	0.0	
VMP-10-20	6/19/2018	0840	0 00	0 00	0.0	0	0.8	20.1	0 2	0 0	0 0	0.0	
VMP-10-30	7/17/2017	1021	-0 23	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	8/16/2017	1149	-0.43	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	9/13/2017	0922	-0 25	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	10/23/2017	1116	-0 34	0 00	0.0	0	1.4	19.4	0 6	0 0	0 0	0.0	
VMP-10-30	11/27/2017	959	0 00	0 00	0.0	0	1.0	20.0	0.4	0 0	0 0	0.0	
VMP-10-30-Dup	11/27/2017	959	NM	NM	0.0	0	1.1	20.0	0.4	0 0	0 0	0.0	Duplicate sample.
VMP-10-30	12/18/2017	1021	0 00	-0.11	0.0	0	1.1	19.9	0 2	0 0	0 0	0.0	
VMP-10-30	1/17/2018	1250	0 00	0 00	0.0	0	0.8	20.0	0 2	0 0	0 0	0.0	
VMP-10-30	2/21/2018	1247	0 00	0 00	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	Re-sampled due to elevated oxygen.
VMP-10-30	2/22/2018	1359	0 00	-0.11	0.0	0	0.2	20.2	0 2	0 0	0 0	0.0	Re-sample.
VMP-10-30	3/14/2018	1012	0 00	0 00	0.0	0	0.2	20.1	0 6	0 0	0 0	0.0	
VMP-10-30	3/30/2018	1051	-0.13	NM	0.0	0	0.2	20.3	0 3	0 0	0 0	0.0	
VMP-10-30	4/11/2018	0853	0 00	NM	0.0	0	0.2	20.3	0 2	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-10-30	4/24/2018	1011	-0.10	0 00	0.0	0	0.3	20.4	0 2	0 0	0 0	0.0	
VMP-10-30	5/29/2018	1020	0 00	0 00	0.0	0	0.4	20.2	0.1	0 0	0 0	0.0	
VMP-10-30	6/19/2018	0841	0 00	0 00	0.0	0	0.5	20.1	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-11-5	7/17/2017	1131	-0.18	-0.11	0.0	0	1.1	19.8	0 0	0 0	0 0	0.0	
VMP-11-5	8/16/2017	1330	0 00	0 00	0.0	0	0.9	20.0	1.4	0 0	0 0	0.0	
VMP-11-5	9/13/2017	1102	0 00	0 00	0.0	0	0.7	20.3	0 2	0 0	0 0	0.0	
VMP-11-5	10/23/2017	1305	0.45	0 00	0.0	0	0.5	20.5	0 6	0 0	0 0	0.0	
VMP-11-5	11/27/2017	1231	0 00	0 00	0.0	0	0.2	20.8	0.1	0 0	0 0	0.0	
VMP-11-5	12/18/2017	1158	0 00	0 00	0.0	0	0.1	20.8	0.4	0 0	0 0	0.0	
VMP-11-5	1/17/2018	1432	0 00	0 00	0.0	0	0.3	20.5	0.7	0 0	0 0	0.0	
VMP-11-5	2/21/2018	1136	-0.17	0 00	0.0	0	0.1	20.8	0.4	0 0	0 0	0.0	
VMP-11-5	3/14/2018	1108	0 00	0 00	0.0	0	0.1	20.8	0 5	0 0	0 0	0.0	
VMP-11-5	4/24/2018	1303	0 00	0 00	0.0	0	0.2	20.7	0 2	0 0	0 0	0.0	
VMP-11-5	5/30/2018	1209	0 00	-0.11	0.0	0	0.1	20.2	0.1	0 0	0 0	0.0	
VMP-11-5	6/19/2018	1115	0 00	0 00	0.0	0	1.3	19.5	0 2	0 0	0 0	0.0	
VMP-11-8	7/17/2017	1132	0 00	0 00	0.0	0	1.7	19.2	0 5	0 0	0 0	0.0	
VMP-11-8	8/16/2017	1331	0 00	0 00	0.0	0	1.5	19.5	0.4	0 0	0 0	0.0	
VMP-11-8	9/13/2017	1103	-0 09	0 00	0.0	0	1.2	19.8	0 3	0 0	0 0	0.0	
VMP-11-8	10/23/2017	1306	0 00	0 00	0.0	0	1.0	20.0	0 0	0 0	0 0	0.0	
VMP-11-8	11/27/2017	1232	0 00	0 00	0.0	0	0.6	20.3	0 5	0 0	0 0	0.0	
VMP-11-8	12/18/2017	1159	-0 09	0 00	0.0	0	0.5	20.3	0 0	0 0	0 0	0.0	
VMP-11-8	1/17/2018	1433	0 00	0 00	0.0	0	0.4	20.4	0.1	0 0	0 0	0.0	
VMP-11-8	2/21/2018	1137	-0 09	0 00	0.0	0	0.4	20.5	0 2	0 0	0 0	0.0	
VMP-11-8	3/14/2018	1109	0 00	0 00	0.0	0	0.4	20.6	0.7	0 0	0 0	0.0	
VMP-11-8	4/24/2018	1304	0 00	0 00	0.0	0	0.3	20.7	0 3	0 0	0 0	0.0	
VMP-11-8	5/30/2018	1210	0 00	-0.16	0.0	0	1.4	19.6	0 5	0 0	0 0	0.0	
VMP-11-8	6/19/2018	1116	0 00	0 00	0.0	0	1.6	18.9	0.1	0 0	0 0	0.0	
VMP-11-29	7/17/2017	1133	-0 38	-0 36	0.0	0	2.1	18.5	0 3	0 0	0 0	0.0	
VMP-11-29	8/16/2017	1332	-0 34	-0 26	0.0	0	2.1	18.7	0.4	0 0	0 0	0.0	
VMP-11-29	9/13/2017	1104	-0.44	-0 37	0.0	0	2.1	19.1	0.7	0 0	0 0	0.0	
VMP-11-29	10/23/2017	1307	-0.18	-0 23	0.0	0	1.0	20.2	0.4	0 0	0 0	0.0	
VMP-11-29	11/27/2017	1233	-0 27	-0 26	0.0	0	1.8	19.4	0.7	0 0	0 0	0.0	
VMP-11-29	12/18/2017	1200	-0 30	-0 27	0.0	0	1.5	19.6	0 0	0 0	0 0	0.0	
VMP-11-29	1/17/2018	1434	-0.17	-0.13	0.0	0	1.1	19.8	0.7	0 0	0 0	0.0	
VMP-11-29	2/21/2018	1138	-0 66	-0 56	0.0	0	1.2	19.8	0 5	0 0	0 0	0.0	
VMP-11-29	3/14/2018	1110	-0.48	-0 50	0.0	0	1.1	20.1	0 6	0 0	0 0	0.0	
VMP-11-29	4/24/2018	1305	-0 61	-0 65	0.0	0	0.8	20.2	0 6	0 0	0 0	0.0	
VMP-11-29	5/30/2018	1211	-0.49	-0 69	0.0	0	0.7	20.0	0.4	0 0	0 0	0.0	
VMP-11-29	6/19/2018	1117	-0 36	-0 37	0.0	0	1.5	18.9	0.1	0 0	0 0	0.0	
VMP-11-38	7/17/2017	1134	0 00	0 00	0.0	0	1.3	19.6	0 5	0 0	0 0	0.0	
VMP-11-38	8/16/2017	1333	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-11-38	9/13/2017	1105	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-11-38	10/23/2017	1308	0 00	0 00	0.0	0	1.3	19.8	0 5	0 0	0 0	0.0	
VMP-11-38	11/27/2017	1234	0 00	0 00	0.0	0	1.2	19.8	0 3	0 0	0 0	0.0	
VMP-11-38-Dup	11/27/2017	1234	NM	NM	0.0	0	1.2	19.8	0 3	0 0	0 0	0.0	Duplicate sample.
VMP-11-38	12/18/2017	1201	-0.10	0 00	0.0	0	1.2	19.6	0 2	0 0	0 0	0.0	
VMP-11-38-Dup	12/18/2017	1201	NM	NM	0.0	0	1.3	19.6	0 2	0 0	0 0	0.0	Duplicate sample.
VMP-11-38	1/17/2018	1435	0 00	0 00	0.0	0	1.2	19.5	0 2	0 0	0 0	0.0	
VMP-11-38	2/21/2018	1139	-0.17	-0.13	0.0	0	0.9	20.0	0.1	0 0	0 0	0.0	
VMP-11-38	3/14/2018	1111	0 00	0 00	0.0	0	0.8	20.3	0 5	0 0	0 0	0.0	
VMP-11-38	4/24/2018	1306	-0.14	-0.15	0.0	0	0.8	20.2	0 2	0 0	0 0	0.0	
VMP-11-38	5/30/2018	1212	0 00	-0 23	0.0	0	0.8	20.2	0.1	0 0	0 0	0.0	
VMP-11-38	6/19/2018	1118	0 00	0 00	0.0	0	1.3	19.1	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-12-5	7/17/2017	0905	-1.13	-1 02	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-12-5	8/16/2017	0849	-0 91	-0 86	0.0	0	0.0	20.0	0 3	0 0	0 0	0.0	
VMP-12-5	9/13/2017	0838	-1 05	-0 86	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-12-5	10/23/2017	0836	-1 60	-2 05	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-12-5	11/27/2017	0842	-1.40	-1 05	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-12-5	12/18/2017	09325	-0 69	-0 80	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-12-5	1/19/2018	0828	-0.43	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-5	2/22/2018	1150	-2 01	-3.49	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-12-5	3/14/2018	0837	-3 38	-0 34	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-12-5	4/24/2018	0910	-2 29	-2 25	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-12-5	5/29/2018	0823	-1.76	-1 62	0.0	0	0.0	20.9	0 6	0 0	0 0	0.0	
VMP-12-5	6/19/2018	0810	-0.73	-0.72	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-12-11.5	7/17/2017	0907	-1.14	-1 04	0.0	0	0.2	20.5	0.4	0 0	0 0	0.0	
VMP-12-11.5	8/16/2017	0850	-1 35	-1 29	0.0	0	0.8	19.9	0 3	0 0	0 0	0.0	
VMP-12-11.5	9/13/2017	0840	-1.41	-1 22	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-12-11.5	10/23/2017	0838	-1 67	-0.72	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-12-11.5	11/27/2017	0843	-0 30	-3 53	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-12-11.5	12/18/2017	0936	0 00	-1 07	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-12-11.5	1/19/2018	0829	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-11.5	2/22/2018	1151	-15.58	-1.19	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-12-11.5	3/14/2018	0839	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-11.5	4/24/2018	0912	-4.12	-2 69	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-12-11.5	5/29/2018	0824	-2.18	-2 03	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-12-11.5	6/19/2018	0841	-0 98	-0 95	0.0	0	0.1	20.7	0 3	0 0	0 0	0.0	
VMP-12-25	7/17/2017	0909	-1.45	-1.47	0.0	0	1.1	19.6	0 5	0 0	0 0	0.0	
VMP-12-25	8/16/2017	0851	-1.73	-1 87	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	Re-sampled due to elevated oxygen.
VMP-12-25	8/17/2017	1259	-1.78	NM	0.0	0	1.0	19.7	1.1	0 0	0 0	0.0	Re-sample.
VMP-12-25	9/13/2017	0842	-2 01	-1.79	0.0	0	0.8	19.9	0 2	0 0	0 0	0.0	
VMP-12-25	10/23/2017	0840	-2.19	-3.40	0.0	0	0.7	20.2	0 3	0 0	0 0	0.0	
VMP-12-25	11/27/2017	0844	-2.40	-1 93	0.0	0	0.5	20.5	0 2	0 0	0 0	0.0	
VMP-12-25	12/18/2017	0937	-1 21	-1 66	0.0	0	0.4	20.5	0 2	5 6	4.1	1.5	
VMP-12-25	1/19/2018	0830	-1 23	-1.40	0.0	0	0.8	19.9	0.1	0 0	0 0	0.0	
VMP-12-25	2/22/2018	1152	-2.70	-2 92	0.0	0	0.3	20.6	0 2	0 0	0 0	0.0	
VMP-12-25	3/14/2018	0840	-2 55	-0 63	0.0	0	0.3	20.5	0 2	0 0	0 0	0.0	
VMP-12-25	4/24/2018	0914	-3 33	-3 57	0.0	0	0.3	20.6	0 2	0 0	0 0	0.0	
VMP-12-25	5/29/2018	0825	-2 89	-2.79	0.0	0	0.4	20.3	0 2	0 0	0 0	0.0	
VMP-12-25	6/19/2018	0842	-1 31	-1 31	0.0	0	0.9	19.2	0 2	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-12-39	7/17/2017	0911	-1 53	-1.43	68 3	OVR	14 2	0 6	108	289000	193000	96000	
VMP-12-39-Dup	7/17/2017	0911	NM	NM	72 8	OVR	14 9	0.1	108	259000	191000	68000	Duplicate sample.
VMP-12-39	8/16/2017	0852	-2 08	-2 02	OVR	OVR	14.7	0.4	101	655000	456000	199000	
VMP-12-39-Dup	8/16/2017	0852	NM	NM	OVR	OVR	14.7	0 6	101	518000	345000	173000	Duplicate sample.
VMP-12-39	9/13/2017	0844	-2.17	-1 97	OVR	OVR	14 6	0.4	49.1	881000	577000	304000	
VMP-12-39	10/23/2017	0842	-2 36	-2.73	OVR	OVR	14 2	0 6	57.1	687000	479000	208000	
VMP-12-39-Dup	10/23/2017	0842	NM	NM	OVR	OVR	14 2	0.7	57.1	573000	379000	194000	Duplicate sample.
VMP-12-39	11/27/2017	845	-3.72	-2.12	50.7	OVR	15.1	0 8	124	176000	142000	34000	
VMP-12-39-Dup	11/27/2017	845	NM	NM	59 9	OVR	15 0	0 8	124	171000	127000	44000	Duplicate sample.
VMP-12-39	12/18/2017	0938	-1 95	-1 83	40 3	OVR	14 2	1 6	123	139000	110000	29000	
VMP-12-39-Dup	12/18/2017	0938	NM	NM	53.1	OVR	14 6	1.7	123	140000	110000	30000	Duplicate sample.
VMP-12-39	1/19/2018	0831	-1.43	-1 56	24.1	OVR	14.4	1.4	99.3	113000	95000	18000	
VMP-12-39-Dup	1/19/2018	0831	NM	NM	33.7	OVR	15 3	0 6	99.3	128000	102000	26000	Duplicate sample.
VMP-12-39	2/22/2018	1153	-2 62	-2.77	3.5	71	14 2	1 5	31.4	29060	27510	1550	
VMP-12-39-Dup	2/22/2018	1153	NM	NM	3.8	77	14 5	1.1	31.4	30370	27850	2520	Duplicate sample.
VMP-12-39	3/14/2018	0842	0.43	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	4/24/2018	0916	-2.46	-2.11	15.7	OVR	14 9	0 8	69.6	101000	86810	14190	
VMP-12-39	5/29/2018	0826	-3.14	-3 02	0.0	0	8.4	8 8	0 3	0 0	0 0	0.0	Re-sampled due to low concentrations.
VMP-12-39	5/31/2018	1210	-2 84	NM	0.0	0	8.8	7 9	1 6	22.3	12.8	9.5	Re-sample.
VMP-12-39	6/19/2018	0843	-1 39	-1 35	61.4	OVR	14.7	1.4	118	179000	139000	40000	
VMP-12-39-Dup	6/19/2018	0843	NM	NM	73 3	OVR	14 8	1 0	149	192000	143000	49000	Duplicate sample.
VMP-13-5	7/17/2017	0844	-0.11	0 00	0.0	0	0.7	20.2	0 2	0 0	0 0	0.0	
VMP-13-5	8/16/2017	1045	0 00	0 00	0.0	0	0.3	20.6	0 8	0 0	0 0	0.0	
VMP-13-5	9/13/2017	0831	-0.19	-0.13	0.0	0	0.5	20.3	0 0	0 0	0 0	0.0	
VMP-13-5	10/23/2017	0927	0 00	0 00	0.0	0	0.5	20.4	0 0	0 0	0 0	0.0	
VMP-13-5	11/27/2017	0901	-0.43	-0 50	0.0	0	0.2	20.7	0.4	0 0	0 0	0.0	
VMP-13-5	12/18/2017	0929	0 00	0 00	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-13-5	1/17/2018	1135	0 00	0 00	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-13-5	2/21/2018	0856	-0 24	-0.16	0.0	0	0.0	20.8	0 2	0 0	0 0	0.0	
VMP-13-5	3/14/2018	0859	-0.13	-0.12	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-13-5	4/25/2018	0825	-0.13	0 00	0.0	0	0.1	20.8	0 0	0 0	0 0	0.0	
VMP-13-5	5/29/2018	0911	0 00	0 00	0.0	0	0.3	20.0	0.1	0 0	0 0	0.0	
VMP-13-5	6/19/2018	0931	0 00	0 00	0.0	0	0.4	20.3	0 5	0 0	0 0	0.0	
VMP-13-10.5	7/17/2017	0845	-0 59	-0 52	0.0	0	0.4	20.4	0.1	0 0	0 0	0.0	
VMP-13-10.5	8/16/2017	1046	-0 50	-0 52	0.0	0	0.5	20.4	0 9	0 0	0 0	0.0	
VMP-13-10.5	9/13/2017	0832	-0 68	-0 53	0.0	0	0.4	20.4	0.1	0 0	0 0	0.0	
VMP-13-10.5	10/23/2017	0928	-0.45	-0 26	0.0	0	0.4	20.4	0 2	0 0	0 0	0.0	
VMP-13-10.5	11/27/2017	902	-0.47	-0 36	0.0	0	0.2	20.8	0 5	0 0	0 0	0.0	
VMP-13-10.5	12/18/2017	0930	-0.49	-0.42	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-13-10.5	1/17/2018	1136	-0 20	-0 27	0.0	0	0.2	20.7	0 3	0 0	0 0	0.0	
VMP-13-10.5	2/21/2018	0857	-0 68	-0 56	0.0	0	0.1	20.8	0.4	0 0	0 0	0.0	
VMP-13-10.5	3/14/2018	0900	-0 59	-0 56	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-13-10.5	4/25/2018	0826	-0 31	-0 25	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-13-10.5	5/29/2018	0912	0 00	0 00	0.0	0	0.1	20.4	0.1	0 0	0 0	0.0	
VMP-13-10.5	6/19/2018	0932	-0.40	-0.43	0.0	0	0.2	20.7	0 2	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-13-21.5	7/17/2017	0846	-0.74	-0 65	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-13-21.5	8/16/2017	1047	-0 60	-0 66	0.0	0	0.2	20.7	0 5	0 0	0 0	0.0	
VMP-13-21.5	9/13/2017	0833	-0.76	-0 68	0.0	0	0.3	20.6	0 0	0 0	0 0	0.0	
VMP-13-21.5	10/23/2017	0929	-0 59	-0 37	0.0	0	0.3	20.6	0.1	0 0	0 0	0.0	
VMP-13-21.5	11/27/2017	903	-0 52	-0.44	0.0	0	0.2	20.8	0.4	0 0	0 0	0.0	
VMP-13-21.5	12/18/2017	0931	-0 62	-0 52	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-13-21.5	1/17/2018	1137	-0 29	-0 35	0.0	0	0.3	20.4	0 2	0 0	0 0	0.0	
VMP-13-21.5	2/21/2018	0858	-0 91	-0 69	0.0	0	0.2	20.7	0.4	0 0	0 0	0.0	
VMP-13-21.5	3/14/2018	0901	-0.72	-0 69	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-13-21.5	4/25/2018	0827	0 00	0 00	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-13-21.5	5/29/2018	0913	-0.18	0 00	0.0	0	0.1	20.6	0.4	0 0	0 0	0.0	
VMP-13-21.5	6/19/2018	0933	-0 51	-0 57	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-13-29.5	7/17/2017	0847	-0 53	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-13-29.5	8/16/2017	1048	-0 34	-0 39	0.0	0	0.5	20.3	0 6	0 0	0 0	0.0	
VMP-13-29.5	9/13/2017	0834	-0 50	-0.43	0.0	0	0.7	20.0	46.0	101	0 0	101	Re-sampled due to elevated THC.
VMP-13-29.5	9/14/2017	0809	-0.48	NM	0.0	0	0.7	20.1	26.2	76.9	0 0	76.9	Re-sample.
VMP-13-29.5	10/23/2017	0930	-0 35	-0.17	0.0	0	1.0	19.9	11.1	11.5	2.7	8.8	
VMP-13-29.5-Dup	10/23/2017	0930	NM	NM	0.0	0	1.0	19.9	11.1	17.9	4 0	13.9	Duplicate sample.
VMP-13-29.5	11/27/2017	904	-0 24	-0 23	0.0	0	0.9	20.1	0 3	12.6	11.4	1.2	
VMP-13-29.5	12/18/2017	0932	-0.41	-0 35	0.0	0	0.8	20.2	0 2	20.8	20.3	0.5	
VMP-13-29.5-Dup	12/18/2017	0932	NM	NM	0.0	0	0.8	20.1	0 2	22.7	21.6	1.1	Duplicate sample.
VMP-13-29.5	1/17/2018	1138	-0.15	-0 21	0.0	0	1.1	19.3	0 5	16.8	16.3	0.5	
VMP-13-29.5-Dup	1/17/2018	1138	NM	NM	0.0	0	1.3	19.2	0 5	20.3	19.8	0.5	Duplicate sample.
VMP-13-29.5	2/21/2018	0859	-0 54	-0.45	0.0	0	0.4	20.6	0.4	18.6	18.6	0.0	
VMP-13-29.5	3/14/2018	0902	-0 31	-0.43	0.0	0	0.2	20.7	0.4	0 0	0 0	0.0	
VMP-13-29.5	4/25/2018	0829	-0.17	-0.18	0.0	0	0.2	20.7	0.1	0 0	0 0	0.0	
VMP-13-29.5-Dup	4/25/2018	0829	NM	NM	0.0	0	0.2	20.7	0.1	0 0	0 0	0.0	Duplicate sample.
VMP-13-29.5	5/29/2018	0914	-0.10	0 00	0.0	0	0.4	20.2	0 2	0 0	0 0	0.0	
VMP-13-29.5-Dup	5/29/2018	0914	NM	NM	0.0	0	0.3	20.3	0 2	0 0	0 0	0.0	Duplicate sample.
VMP-13-29.5	6/19/2018	0934	-0 29	-0 32	0.0	0	0.3	20.6	0 2	0 0	0 0	0.0	
VMP-14-5	7/17/2017	0818	0 00	0 00	0.0	0	0.6	20.3	0.4	0 0	0 0	0.0	
VMP-14-5	8/16/2017	1020	0 00	0 00	0.0	0	0.3	20.6	0 8	0.4	0 0	0.4	
VMP-14-5	9/13/2017	0813	0 00	0 00	0.0	0	0.2	20.7	0 5	0 0	0 0	0.0	
VMP-14-5	10/23/2017	0907	0 00	0 00	0.0	0	0.3	20.6	0 5	0 0	0 0	0.0	
VMP-14-5	11/27/2017	840	0 00	-0 23	0.0	0	0.1	20.7	0 3	0 0	0 0	0.0	
VMP-14-5	12/18/2017	0912	-0.41	0 34	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-14-5	1/19/2018	1403	-0 20	-0 24	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-14-5	2/21/2018	0834	0 00	0 00	0.0	0	0.4	20.6	0 2	0 0	0 0	0.0	
VMP-14-5	3/14/2018	0842	0 00	0 00	0.0	0	0.0	20.9	0.7	0 0	0 0	0.0	
VMP-14-5	3/30/2018	0950	-0.19	NM	0.0	0	0.5	20.5	0 3	0 0	0 0	0.0	
VMP-14-5	4/11/2018	0910	-0.18	NM	0.0	0	0.4	15.9	0 0	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-14-5	4/24/2018	1116	-0 54	-0 23	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-14-5	5/29/2018	0842	0 00	0 00	0.0	0	0.8	20.1	0.1	0 0	0 0	0.0	
VMP-14-5	6/19/2018	0953	0 00	0 00	0.0	0	0.5	20.5	0 2	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-14-11.5	7/17/2017	0819	-0 29	0 00	0.0	0	0.6	20.3	0.1	0 0	0 0	0.0	
VMP-14-11.5	8/16/2017	1021	0 00	0 00	0.0	0	0.3	20.6	0 6	0 0	0 0	0.0	
VMP-14-11.5	9/13/2017	0814	0 00	0 00	0.0	0	0.2	20.6	0.4	0 0	0 0	0.0	
VMP-14-11.5	10/23/2017	0908	0 00	0 00	0.0	0	0.2	20.6	0 6	0 0	0 0	0.0	
VMP-14-11.5	11/27/2017	0841	0 20	0 00	0.0	0	0.1	20.9	0.1	0 0	0 0	0.0	
VMP-14-11.5	12/18/2017	0913	0 00	0.11	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-14-11.5	1/19/2018	1404	0.19	0 00	0.0	0	0.0	20.9	0 6	0 0	0 0	0.0	
VMP-14-11.5	2/21/2018	0835	-0.44	0 00	0.0	0	0.4	20.6	0 6	0 0	0 0	0.0	
VMP-14-11.5	3/14/2018	0843	-0.75	-0 27	0.0	0	0.0	20.9	0 8	0 0	0 0	0.0	
VMP-14-11.5	3/30/2018	0951	0 00	NM	0.0	0	0.5	20.5	0 2	0 0	0 0	0.0	
VMP-14-11.5	4/11/2018	0911	0 00	NM	0.0	0	0.4	18.0	0 2	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-14-11.5	4/24/2018	1117	-0.11	0 00	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-14-11.5	5/29/2018	0842	0 00	0 00	0.0	0	0.8	20.1	0 2	0 0	0 0	0.0	
VMP-14-11.5	6/19/2018	0954	0 00	0 00	0.0	0	0.5	20.5	0 8	0 0	0 0	0.0	
VMP-14-20	7/17/2017	0820	-0 67	-0 54	0.0	0	15 2	2 0	16.8	21.2	5.1	16.1	
VMP-14-20	8/16/2017	1022	-0 62	-0 59	0.0	1	15 5	1.1	32.4	42.8	17.1	25.7	
VMP-14-20-Dup	8/16/2017	1022	NM	NM	0.0	1	16 2	0 6	32.4	73.9	23.4	50.5	Duplicate sample.
VMP-14-20	9/13/2017	0815	-0 52	-0 61	0.0	0	15 8	0 5	12.6	27.8	4 5	23.3	
VMP-14-20	10/23/2017	0909	-0 60	-0.47	0.0	0	13 2	1 9	3 8	2 5	0 0	2.5	
VMP-14-20	11/27/2017	842	-0.42	-0 35	0.0	0	14 3	0 5	4 0	0 0	0 0	0.0	
VMP-14-20	12/18/2017	0914	-1 32	-1 07	0.0	0	13.4	1 2	4.4	0 0	0 0	0.0	
VMP-14-20	1/17/2018	1118	-1.78	-0 31	0.0	0	14 2	0 5	2.4	0 0	0 0	0.0	
VMP-14-20	2/21/2018	0836	-0 91	-0 83	0.0	0	9.4	5.1	0.7	0 0	0 0	0.0	
VMP-14-20	3/14/2018	0844	-0 67	-0 56	0.0	0	13 6	2 6	2 5	2 0	0 0	2.0	
VMP-14-20	3/30/2018	0952	-1 59	NM	0.0	0	14 5	1 2	0.4	2.4	0 0	2.4	
VMP-14-20	4/11/2018	0912	-0 25	NM	0.0	0	14 6	1 3	1.4	116	108	8.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-14-20	4/24/2018	1118	-0 60	-0 53	0.0	0	13 3	3.7	0 6	0 0	0 0	0.0	
VMP-14-20	5/29/2018	0843	-0 50	-0 25	0.0	0	14.7	1 0	0 8	4 5	3 5	1.0	
VMP-14-20	6/19/2018	0955	-0 36	-0 66	0.0	0	14 0	2.4	2 5	0 0	0 0	0.0	
VMP-14-29	7/17/2017	0821	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	8/16/2017	1023	-0 53	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	9/13/2017	0816	-0 64	-0 58	0.0	0	5.0	14.6	0 0	0 9	0 9	0.0	
VMP-14-29	10/23/2017	0910	-0 59	-0.44	0.0	0	4.4	15.6	0 8	0 0	0 0	0.0	
VMP-14-29	11/27/2017	843	-0.40	-0 34	0.0	0	4.5	14.9	0.1	0 0	0 0	0.0	
VMP-14-29	12/18/2017	0915	0 00	-0.44	0.0	0	4.0	15.9	0.1	2.1	2.1	0.0	
VMP-14-29	1/17/2018	1119	-0.43	-0 36	0.0	0	7.1	9.4	0 5	0 0	0 0	0.0	
VMP-14-29	2/21/2018	0837	-0.12	-0.75	0.0	0	3.3	16.8	0.1	0 0	0 0	0.0	
VMP-14-29	3/14/2018	0845	-3.44	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	3/30/2018	0953	-0 35	NM	0.0	0	5.1	14.0	0.4	0 0	0 0	0.0	
VMP-14-29	4/11/2018	0913	-5.18	NM	0.0	0	8.0	7 9	0.4	2.7	2.7	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-14-29	4/24/2018	1119	-0 52	-0.47	0.0	0	4.7	14.8	0 2	0 0	0 0	0.0	
VMP-14-29-Dup	4/24/2018	1119	NM	NM	0.0	0	4.9	14.4	0 2	0 0	0 0	0.0	Dulicate sample.
VMP-14-29	5/29/2018	0844	-0 35	-0 22	0.0	0	3.5	16.0	0.1	0 0	0 0	0.0	
VMP-14-29	6/19/2018	0956	-0 33	-0 35	0.0	0	4.8	13.9	0 9	0 0	0 0	0.0	
VMP-14-29-Dup	6/19/2018	0956	NM	NM	0.0	0	4.9	13.8	1 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-17-5	7/17/2017	1144	0 00	0 00	0.0	0	1.3	19.6	0 2	0 0	0 0	0.0	
VMP-17-5	8/16/2017	1341	0 00	0 00	0.0	0	0.6	20.4	0 3	0 0	0 0	0.0	
VMP-17-5	9/13/2017	1113	0 00	0 00	0.0	0	0.4	20.6	0 2	0 0	0 0	0.0	
VMP-17-5	10/23/2017	1254	0 00	0 00	0.0	0	0.4	20.6	0 3	0 0	0 0	0.0	
VMP-17-5-Dup	10/23/2017	1254	NM	NM	0.0	0	0.4	20.5	0 3	0 0	0 0	0.0	Duplicate sample.
VMP-17-5	11/27/2017	1247	0 00	0 00	0.0	0	0.1	20.7	0.1	0 0	0 0	0.0	
VMP-17-5	12/18/2017	1211	0 00	0 00	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-17-5	1/17/2018	1422	0 00	0 00	0.0	0	0.1	20.9	0.1	0 0	0 0	0.0	
VMP-17-5	2/21/2018	1128	0 00	0 00	0.0	0	0.1	20.8	0 3	0 0	0 0	0.0	
VMP-17-5	3/14/2018	1100	0 00	0 00	0.0	0	0.0	20.8	0.4	0 0	0 0	0.0	
VMP-17-5	4/24/2018	842	0 00	0 00	0.0	0	0.2	20.7	0.1	0 0	0 0	0.0	
VMP-17-5	5/30/2018	1220	0 00	0 00	0.0	0	0.8	20.6	0 3	0 0	0 0	0.0	
VMP-17-5-Dup	5/30/2018	1220	0 00	0 00	0.0	0	0.8	20.6	0 3	0 0	0 0	0.0	Duplicate sample.
VMP-17-5	6/19/2018	1108	0 00	0 00	0.0	0	1.0	20.0	0.1	0 0	0 0	0.0	
VMP-18-8 5	7/17/2017	1311	0 00	0 00	0.0	0	3.1	18.7	0 2	0 0	0 0	0.0	
VMP-18-8 5	8/16/2017	1402	0 00	0 00	0.0	0	2.2	19.2	0 5	0 0	0 0	0.0	
VMP-18-8 5	9/13/2017	1119	0 00	0 00	0.0	0	2.1	19.5	0 2	0 0	0 0	0.0	
VMP-18-8 5	10/23/2017	1325	0 00	0 00	0.0	0	1.6	19.8	0 2	0 0	0 0	0.0	
VMP-18-8 5	11/27/2017	1222	0 00	0 00	0.0	0	0.9	20.2	0 6	0 0	0 0	0.0	
VMP-18-8 5	12/18/2017	1227	0 00	0 00	0.0	0	0.6	20.4	0 5	0 0	0 0	0.0	
VMP-18-8 5	1/17/2018	1451	0 00	0 00	0.0	0	0.5	20.5	0.1	0 0	0 0	0.0	
VMP-18-8 5	2/21/2018	1113	0 00	0 00	0.0	0	0.3	20.7	0.4	0 0	0 0	0.0	
VMP-18-8 5	3/14/2018	1046	-0 83	0 00	0.0	0	0.4	20.5	0 6	0 0	0 0	0.0	
VMP-18-8 5	4/24/2018	1245	0 00	0 00	0.0	0	0.8	20.1	0.4	0 0	0 0	0.0	
VMP-18-8 5	5/30/2018	1231	0 00	0 00	0.0	0	2.3	19.0	0 5	0 0	0 0	0.0	
VMP-18-8 5	6/19/2018	1054	0 00	0 00	0.0	0	2.8	18.2	0 2	0 0	0 0	0.0	
VMP-19-5	7/17/2017	1322	0 00	0 00	0.0	0	0.6	19.8	0 5	19.6	19.6	0.0	
VMP-19-5	8/16/2017	1411	0 00	0 00	0.0	0	0.3	20.5	0.7	0 0	0 0	0.0	
VMP-19-5	9/13/2017	1123	0 00	0 00	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-19-5	10/23/2017	1320	0 00	0 00	0.0	0	0.3	20.5	0.7	2 5	2 5	0.0	
VMP-19-5	11/27/2017	1219	0 00	0 00	0.0	0	0.1	20.8	0.4	0 0	0 0	0.0	
VMP-19-5	12/18/2017	1220	0 00	0 00	0.0	0	0.1	20.8	0 3	0 0	0 0	0.0	
VMP-19-5	1/17/2018	1447	0 00	0 00	0.0	0	0.0	20.9	0 8	11.2	11.2	0.0	
VMP-19-5	2/21/2018	1119	-0.14	0 55	NM	NM	NM	NM	NM	NM	NM	NM	Water in Tedlar. Sample not screened.
VMP-19-5	3/14/2018	1053	0 00	0 00	0.0	0	0.0	20.9	0 8	0 3	0 3	0.0	
VMP-19-5	4/24/2018	1255	-0 26	-0.12	0.0	0	0.1	20.8	0 5	0 0	0 0	0.0	
VMP-19-5	5/30/2018	1227	-0.18	0 00	0.0	0	0.6	20.5	0 3	0 0	0 0	0.0	
VMP-19-5	6/19/2018	1100	-0.16	0 00	0.0	0	0.9	19.6	0 3	2 2	2 2	0.0	
VMP-29-10	7/17/2017	0941	0 00	-0 09	0.0	0	0.7	20.4	0 8	0 0	0 0	0.0	
VMP-29-10	8/16/2017	1122	-0.10	-0.11	0.0	0	0.7	20.4	0 8	0 0	0 0	0.0	
VMP-29-10	9/13/2017	0904	-0 22	-0 20	0.0	0	0.2	20.7	0.1	0 0	0 0	0.0	
VMP-29-10	10/23/2017	1054	-0.15	0 00	0.0	0	0.4	20.5	0 2	0 0	0 0	0.0	
VMP-29-10	11/27/2017	936	0 00	0 00	0.0	0	0.2	20.8	0.1	0 0	0 0	0.0	
VMP-29-10	12/18/2017	1005	-0 25	0 00	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-29-10	1/19/2018	1411	-0 23	-0.42	0.0	0	0.1	20.8	0 6	0 0	0 0	0.0	
VMP-29-10	2/21/2018	0943	-0.77	-0 32	0.0	0	0.1	20.8	0 3	0 0	0 0	0.0	
VMP-29-10	3/14/2018	0950	-0.15	-0 09	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-29-10	4/24/2018	1020	-0.43	-0.14	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-29-10	5/29/2018	0954	-0 27	-0 25	0.0	0	0.4	20.2	0.1	0 0	0 0	0.0	
VMP-29-10	6/19/2018	0850	0 00	0 00	0.0	0	0.7	20.2	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-29-18	7/17/2017	0942	0 00	-0.10	0.0	0	0.7	20.3	1.1	0 0	0 0	0.0	
VMP-29-18	8/16/2017	1123	-0.11	-0.12	0.0	0	0.8	20.2	2 8	0.7	0 0	0.7	
VMP-29-18	9/13/2017	0905	-0 23	-0 20	0.0	0	0.4	20.5	3.1	3 3	0 0	3.3	
VMP-29-18	10/23/2017	1055	0 00	0 00	0.0	0	0.2	20.7	0 6	0.4	0 0	0.4	
VMP-29-18	11/27/2017	937	0 00	0 00	0.0	0	0.3	20.6	0 9	0 0	0 0	0.0	
VMP-29-18	12/18/2017	1006	-0.17	-0.15	0.0	0	0.2	20.8	0 5	0 0	0 0	0.0	
VMP-29-18	1/19/2018	1412	0 52	0 00	0.0	0	0.3	20.6	0 6	0 0	0 0	0.0	
VMP-29-18	2/21/2018	0944	-0.15	-0 34	0.0	0	0.2	20.8	0 5	0 0	0 0	0.0	
VMP-29-18	3/14/2018	0951	-0.15	-0.10	0.0	0	0.1	20.8	0 5	0 0	0 0	0.0	
VMP-29-18	4/24/2018	1021	-0 23	-0.16	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-29-18	5/29/2018	0955	0 00	0 00	0.0	0	0.3	20.5	1.7	2 5	0 0	2.5	
VMP-29-18	6/19/2018	0852	-0.14	0 00	0.0	0	0.6	20.3	1 3	4 0	0 0	4.0	
VMP-29-26	7/17/2017	0943	0 00	-0.11	0.0	0	0.8	20.2	1 6	1 3	0 0	1.3	
VMP-29-26	8/16/2017	1124	-0.12	-0.11	0.0	0	1.0	19.9	3 8	4.1	0 0	4.1	
VMP-29-26	9/13/2017	0906	-0 24	-0 20	0.0	0	0.5	20.3	1.1	1 0	0 0	1.0	
VMP-29-26	10/23/2017	1056	-0.15	0 00	0.0	0	0.3	20.6	0.4	0 5	0 0	0.5	
VMP-29-26	11/27/2017	938	0 00	0 00	0.0	0	0.4	20.5	0 8	0 0	0 0	0.0	
VMP-29-26	12/18/2017	1007	-0.19	-0.14	0.0	0	0.4	20.5	0 3	0 0	0 0	0.0	
VMP-29-26	1/19/2018	1413	0 00	0 00	0.0	0	0.4	20.5	0 5	0 0	0 0	0.0	
VMP-29-26	2/21/2018	0945	-0.48	-0 35	0.0	0	0.3	20.7	0 5	0 0	0 0	0.0	
VMP-29-26	3/14/2018	0952	-0.15	-0.11	0.0	0	0.3	20.7	0 6	0 0	0 0	0.0	
VMP-29-26	4/24/2018	1022	-0 24	-0.17	0.0	0	0.0	20.9	0 2	1 8	1 8	0.0	
VMP-29-26	5/29/2018	0956	0 00	0 00	0.0	0	0.2	20.5	3.4	7 6	0 0	7.6	
VMP-29-26	6/19/2018	0858	-0.15	-0 09	0.0	0	0.5	20.3	1 8	5 6	0 0	5.6	
VMP-29-40	7/17/2017	0944	-0 32	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	8/16/2017	1125	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	9/13/2017	0907	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	10/23/2017	1057	-11.62	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	11/27/2017	939	-0.75	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	12/18/2017	1008	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	1/19/2018	1414	-0.43	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	2/21/2018	0946	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	3/14/2018	0953	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	4/24/2018	1023	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	5/29/2018	0957	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	6/19/2018	1000	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-10	7/17/2017	0903	-0.19	-0.14	0.0	0	0.0	20.9	0 8	0 0	0 0	0.0	
VMP-30-10	8/16/2017	1102	-0.10	-0.16	0.0	0	0.1	20.8	5.7	7.7	0 0	7.7	
VMP-30-10	9/13/2017	0843	-0 26	-0 22	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-30-10	10/23/2017	1016	-0.13	0 00	0.0	0	0.1	20.8	0.4	0 0	0 0	0.0	
VMP-30-10	11/27/2017	916	-0.13	0 00	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-30-10	12/18/2017	0943	-0 22	-0.19	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-30-10	1/17/2018	1207	0 00	-0.12	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-30-10	2/21/2018	0918	-0 29	-0 62	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-30-10	3/14/2018	0917	-0.42	0 00	0.0	0	0.0	20.9	0 8	0 0	0 0	0.0	
VMP-30-10	4/24/2018	1045	-0 26	-0.18	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-30-10	5/29/2018	0929	0 00	0 00	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-30-10	6/19/2018	0910	-0.18	-0.11	0.0	0	0.0	20.9	0 5	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-30-18	7/17/2017	0904	-0.40	-0 34	0.0	0	0.3	20.6	6 5	9.7	0 0	9.7	
VMP-30-18	8/16/2017	1103	-0 27	-0 32	0.0	0	0.2	20.7	6 6	6 9	0 0	6.9	
VMP-30-18	9/13/2017	0844	-0.47	-0 39	0.0	0	0.2	20.7	1.7	0 5	0 0	0.5	
VMP-30-18	10/23/2017	1017	-0 26	-0.15	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-30-18	11/27/2017	917	-0 26	-0.19	0.0	0	0.1	20.9	0 2	0 8	0 0	0.8	
VMP-30-18	12/18/2017	0944	-0 36	-0 32	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-30-18	1/17/2018	1208	-0.14	-0 23	0.0	0	0.1	20.7	0 0	0 0	0 0	0.0	
VMP-30-18	2/21/2018	0919	-0 58	-0.47	0.0	0	0.1	20.9	0 6	0 0	0 0	0.0	
VMP-30-18	3/14/2018	0918	-0.45	-0.42	0.0	0	0.0	20.9	0 8	0 0	0 0	0.0	
VMP-30-18	4/24/2018	1046	-0.48	-0 36	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-30-18	5/29/2018	0930	0 00	0 00	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-30-18	6/19/2018	0916	-0 34	-0 30	0.0	0	0.1	20.8	0 8	1.1	0 0	1.1	
VMP-30-26	7/17/2017	0905	0.41	-0 35	0.0	0	0.2	20.7	1 3	1 5	0 0	1.5	
VMP-30-26	8/16/2017	1104	-0 28	-0 34	0.0	0	0.2	20.7	18.7	24.1	0 0	24.1	
VMP-30-26	9/13/2017	0845	-0 30	-0.40	0.0	0	0.0	20.9	0 9	0 0	0 0	0.0	
VMP-30-26-Dup	9/13/2017	0845	NM	NM	0.0	0	0.0	20.9	0 9	0 0	0 0	0.0	Duplicate sample.
VMP-30-26	10/23/2017	1018	0 00	-0.16	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-30-26-Dup	10/23/2017	1018	NM	NM	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	Duplicate sample.
VMP-30-26	11/27/2017	918	-0 28	-0 20	0.0	0	0.1	20.8	0 5	0 0	0 0	0.0	
VMP-30-26-Dup	11/27/2017	918	NM	NM	0.0	0	0.2	20.8	0 5	0 0	0 0	0.0	Duplicate sample.
VMP-30-26	12/18/2017	0945	-0 38	-0 34	0.0	0	0.1	20.8	0 3	0 0	0 0	0.0	
VMP-30-26	1/17/2018	1209	-0.15	-0 23	0.0	0	0.2	20.6	0 0	0 0	0 0	0.0	
VMP-30-26	2/21/2018	0920	-0 51	-0.49	0.0	0	0.1	20.8	0.4	0 0	0 0	0.0	
VMP-30-26-Dup	2/21/2018	0920	NM	NM	0.0	0	0.1	20.8	0.4	0 0	0 0	0.0	Duplicate sample.
VMP-30-26	3/14/2018	0919	-0.47	-0.45	0.0	0	0.1	20.8	0 8	0 0	0 0	0.0	
VMP-30-26	4/24/2018	1047	-0 50	-0 38	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-30-26	5/29/2018	0931	0 00	0 00	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-30-26	6/19/2018	0922	-0 35	-0 32	0.0	0	0.1	20.7	1 5	0 0	0 0	0.0	
VMP-30-40	7/17/2017	0906	-2 52	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	8/16/2017	1105	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	9/13/2017	0846	-1 04	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	10/23/2017	1019	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	11/27/2017	919	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	12/18/2017	0946	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	1/19/2018	1210	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	2/21/2018	0921	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	3/14/2018	0920	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	4/25/2018	1048	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	5/29/2018	0932	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	6/19/2018	0924	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-32-5	7/18/2017	1126	-0.16	0 00	0.0	0	1.9	18.9	0 8	0 0	0 0	0.0	
VMP-32-5	8/17/2017	1358	-0.71	-0.15	0.0	0	2.2	18.7	0 9	0 0	0 0	0.0	
VMP-32-5	9/14/2017	1058	-0 22	0 00	0.0	0	1.5	19.6	1.1	0 0	0 0	0.0	
VMP-32-5	10/24/2017	1340	0.48	0 00	0.0	0	1.6	19.2	0 2	0 0	0 0	0.0	
VMP-32-5	11/28/2017	1305	0 00	0 00	0.0	0	1.1	19.9	0.4	1 2	1 2	0.0	
VMP-32-5	12/19/2017	1137	0 00	0 00	0.0	0	0.9	20.1	0 3	0 0	0 0	0.0	
VMP-32-5	1/19/2018	0912	-0 25	0 00	0.0	0	0.8	19.9	0 6	1 6	0 8	0.8	
VMP-32-5	2/22/2018	0850	-0.10	0 00	0.0	0	0.5	20.3	0 0	0 0	0 0	0.0	
VMP-32-5	3/15/2018	0929	-1 32	-0.18	0.0	0	0.5	20.5	0 2	0 0	0 0	0.0	
VMP-32-5	4/25/2018	1342	0.19	0 00	0.0	0	0.7	19.9	0 6	0 0	0 0	0.0	
VMP-32-5	5/30/2018	1259	-0 80	-0.11	0.0	0	1.9	18.5	0 8	0 0	0 0	0.0	
VMP-32-5	6/20/2018	1015	0 00	-0.11	0.0	0	2.4	18.0	0.4	0 0	0 0	0.0	
VMP-32-10	7/18/2017	1127	-0.10	0 00	0.0	0	2.1	18.9	0.4	0 0	0 0	0.0	
VMP-32-10	8/17/2017	1359	-0.15	-0.10	0.0	0	2.5	18.6	0.7	0 0	0 0	0.0	
VMP-32-10	9/14/2017	1059	0 00	0 00	0.0	0	2.4	18.8	0.1	0 0	0 0	0.0	
VMP-32-10	10/24/2017	1341	-0.17	-0.14	0.0	0	2.2	18.6	0 2	0 0	0 0	0.0	
VMP-32-10	11/28/2017	1306	0 00	-0.40	0.0	0	1.6	19.3	0 2	0 0	0 0	0.0	
VMP-32-10	12/19/2017	1138	0 00	-0 24	0.0	0	1.4	19.6	0 2	0 0	0 0	0.0	
VMP-32-10	1/19/2018	0913	0 00	0 00	0.0	0	1.4	19.5	2 3	0 0	0 0	0.0	
VMP-32-10	2/22/2018	0851	-0.16	-0.14	0.0	0	0.9	20.0	0 2	0 0	0 0	0.0	
VMP-32-10	3/15/2018	0930	-0.17	-0.13	0.0	0	0.9	20.0	0.1	0 0	0 0	0.0	
VMP-32-10	4/25/2018	1344	-0.12	-0.11	0.0	0	0.9	19.6	0 5	0 0	0 0	0.0	
VMP-32-10	5/30/2018	1300	-0.15	-0 66	0.0	0	1.7	18.8	0.1	0 0	0 0	0.0	
VMP-32-10	6/20/2018	1016	-0 27	-0.12	0.0	0	2.3	18.2	0 5	0 0	0 0	0.0	
VMP-32-20	7/18/2017	1128	-0 80	-0.48	0.0	0	0.3	20.6	0 5	0 0	0 0	0.0	
VMP-32-20	8/17/2017	1400	-0 56	-0 57	0.0	0	0.2	20.7	0 5	0 0	0 0	0.0	
VMP-32-20	9/14/2017	1100	-0.42	-0.44	0.0	0	0.3	20.6	0 6	0 0	0 0	0.0	
VMP-32-20	10/24/2017	1342	-0 82	-0.76	0.0	0	0.8	20.1	0.1	0 0	0 0	0.0	
VMP-32-20	11/28/2017	1307	-0 27	-0 30	0.0	0	0.4	20.5	0 3	0 5	0 5	0.0	
VMP-32-20	12/19/2017	1139	-0 25	-0 29	0.0	0	0.2	20.7	0.1	0 0	0 0	0.0	
VMP-32-20	1/19/2018	0914	-0.14	-0.14	0.0	0	0.2	20.6	1 2	4 2	0.7	3.5	
VMP-32-20	2/22/2018	0852	-0 33	-0 30	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-32-20	3/15/2018	0931	-0.41	-0 32	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-32-20	4/25/2018	1346	-0.44	-0.48	0.0	0	0.0	20.9	0 6	0 0	0 0	0.0	
VMP-32-20	5/30/2018	1301	-0 55	-0 37	0.0	0	0.1	20.8	0.4	0 0	0 0	0.0	
VMP-32-20	6/20/2018	1017	-0 56	-0 35	0.0	0	0.6	19.3	0.4	0 0	0 0	0.0	
VMP-32-30	7/18/2017	1129	0 00	0 00	0.0	0	0.8	20.0	0 6	0 0	0 0	0.0	
VMP-32-30	8/17/2017	1401	0 00	0 00	0.0	0	0.9	20.0	0 5	0 0	0 0	0.0	
VMP-32-30	9/14/2017	1101	0 00	0 00	0.0	0	0.3	20.6	0.4	0 0	0 0	0.0	
VMP-32-30	10/24/2017	1343	3.44	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-32-30	11/28/2017	1308	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-32-30	11/29/2017	1255	-0.10	NM	0.0	0	0.8	20.5	0 0	0 0	0 0	0.0	
VMP-32-30	12/19/2017	1140	0 00	0 00	0.0	0	0.7	20.2	0 2	0 0	0 0	0.0	
VMP-32-30	1/19/2018	0915	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-32-30	2/22/2018	0853	0 00	0 00	0.0	0	0.4	20.4	0 2	0 0	0 0	0.0	
VMP-32-30	3/15/2018	0932	-0.14	0 00	0.0	0	0.4	20.5	0.1	0 0	0 0	0.0	
VMP-32-30-Dup	3/15/2018	0932	NM	NM	0.0	0	0.4	20.5	0.1	0 0	0 0	0.0	Duplicate sample.
VMP-32-30	4/25/2018	1348	0 00	0 00	0.0	0	0.4	20.2	0 5	0 0	0 0	0.0	
VMP-32-30	5/30/2018	1301	0 00	0 00	0.0	0	0.6	20.1	0 6	0 0	0 0	0.0	
VMP-32-30	6/20/2018	1018	-0.17	-0.14	0.0	0	1.2	18.9	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-33-10	7/17/2017	1201	0 00	0 00	0.0	0	0.4	20.3	0 3	0 0	0 0	0.0	
VMP-33-10	8/16/2017	1151	0 00	0 00	0.0	0	0.6	20.0	0 3	0 0	0 0	0.0	
VMP-33-10	9/13/2017	0857	-0.10	-0.11	0.0	0	0.7	19.9	0.4	0 0	0 0	0.0	
VMP-33-10	10/23/2017	0926	-0.11	0 00	0.0	0	0.6	20.3	0.1	0 0	0 0	0.0	
VMP-33-10	11/27/2017	0921	0 00	0 00	0.0	0	0.4	20.6	0.1	0 0	0 0	0.0	
VMP-33-10	12/18/2017	1007	0 00	0 00	0.0	0	0.3	20.6	0 3	0 0	0 0	0.0	
VMP-33-10	1/19/2018	0908	0 00	0 00	0.0	0	0.4	20.4	0.1	0 0	0 0	0.0	
VMP-33-10	2/22/2018	0855	-0 09	-0.12	0.0	0	0.1	20.8	0 0	0 0	0 0	0.0	
VMP-33-10	3/14/2018	0941	0 00	0 00	0.0	0	0.1	20.8	0 6	0 0	0 0	0.0	
VMP-33-10	4/24/2018	1257	0 00	0 00	0.0	0	0.4	20.6	0.4	0 0	0 0	0.0	
VMP-33-10	5/29/2018	0858	0 00	0 00	0.0	0	0.1	20.7	0 0	0 0	0 0	0.0	
VMP-33-10	6/19/2018	0915	0 00	0 00	0.0	0	0.3	20.3	0.4	0 0	0 0	0.0	
VMP-33-20	7/17/2017	1203	-0.10	-0.15	0.0	0	0.6	19.7	0 2	0 0	0 0	0.0	
VMP-33-20	8/16/2017	1152	0 00	0 00	0.0	0	0.5	19.6	0 5	0 0	0 0	0.0	
VMP-33-20	9/13/2017	0859	-0.15	0 00	0.0	0	0.7	19.7	0.4	0 0	0 0	0.0	
VMP-33-20	10/23/2017	0928	-0.15	0 00	0.0	0	0.7	19.6	0 0	0 0	0 0	0.0	
VMP-33-20	11/27/2017	0922	-0.10	0 00	0.0	0	0.8	20.0	0 2	0 0	0 0	0.0	
VMP-33-20	12/18/2017	1008	0 00	0 00	0.0	0	0.7	20.1	0 6	0 0	0 0	0.0	
VMP-33-20	1/19/2018	0909	0 00	0 00	0.0	0	0.8	19.9	0 2	0 0	0 0	0.0	
VMP-33-20	2/22/2018	0856	-0.10	-0.14	0.0	0	0.5	20.5	0 3	0 0	0 0	0.0	
VMP-33-20-Dup	2/22/2018	0856	NM	NM	0.0	0	0.5	20.4	0 3	0 0	0 0	0.0	Duplicate sample.
VMP-33-20	3/14/2018	0942	-0 09	0 00	0.0	0	0.4	20.6	0 5	0 0	0 0	0.0	
VMP-33-20	4/24/2018	1259	0 00	0 00	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-33-20	5/29/2018	0859	0 00	0 00	0.0	0	0.3	20.6	0 2	0 0	0 0	0.0	
VMP-33-20	6/19/2018	0916	0 00	0 00	0.0	0	0.4	20.2	0 3	0 0	0 0	0.0	
VMP-33-30	7/17/2017	1205	0 00	0 00	0.0	0	0.7	20.1	0 3	0 0	0 0	0.0	
VMP-33-30	8/16/2017	1153	0 00	0 00	0.0	0	0.7	20.1	0 6	0 0	0 0	0.0	
VMP-33-30	9/13/2017	0901	-0.12	0 00	0.0	0	0.5	20.4	0 2	0 0	0 0	0.0	
VMP-33-30	10/23/2017	0930	-0.10	0 00	0.0	0	0.7	20.3	0 0	0 0	0 0	0.0	
VMP-33-30	11/27/2017	0923	0 00	0 00	0.0	0	0.6	20.3	0.4	0 0	0 0	0.0	
VMP-33-30	12/18/2017	1009	0 00	0 00	0.0	0	0.6	20.3	0 3	0 0	0 0	0.0	
VMP-33-30	1/19/2018	0910	0 00	0 00	0.0	0	1.0	20.0	0 2	0 0	0 0	0.0	
VMP-33-30	2/22/2018	0857	0 00	-0.11	0.0	0	0.4	20.6	0.1	0 0	0 0	0.0	
VMP-33-30	3/14/2018	0943	0 00	0 00	0.0	0	0.3	20.6	0.7	0 0	0 0	0.0	
VMP-33-30	4/24/2018	1301	0 00	0 00	0.0	0	0.3	20.7	0 8	0 0	0 0	0.0	
VMP-33-30	5/29/2018	0900	0 00	0 00	0.0	0	0.4	20.5	0 2	0 0	0 0	0.0	
VMP-33-30	6/19/2018	0917	0 00	0 00	0.0	0	0.4	20.3	0 3	0 0	0 0	0.0	
VMP-34-10	7/17/2017	1132	-0.47	-0 33	0.0	0	0.5	20.2	0 6	0 0	0 0	0.0	
VMP-34-10	8/16/2017	1118	-0 36	-0 31	0.0	0	0.7	20.0	0.4	0 0	0 0	0.0	
VMP-34-10	9/13/2017	0934	-0 56	-0.44	0.0	0	1.0	19.2	1.1	0 0	0 0	0.0	
VMP-34-10	10/23/2017	0955	-0 66	0 00	0.0	0	0.7	19.9	0 2	0 0	0 0	0.0	
VMP-34-10	11/27/2017	0946	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-34-10	12/18/2017	1031	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-34-10	1/19/2018	0946	-0 23	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-34-10	2/22/2018	0924	-0 20	-0 29	0.0	0	0.2	20.6	0.1	0 0	0 0	0.0	
VMP-34-10	3/14/2018	1026	-0 21	-0.11	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-34-10	4/24/2018	1209	-0.40	-0 36	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-34-10	5/29/2018	0932	-0.48	-0.45	0.0	0	0.3	20.5	0 2	0 0	0 0	0.0	
VMP-34-10	6/19/2018	0943	-0 22	-0 26	0.0	0	0.6	19.8	0 2	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	7/17/2017	1134	-0.15	-0 37	0.0	0	1.6	19.2	0 3	0 0	0 0	0.0	
VMP-34-20	8/16/2017	1119	-0.44	0 00	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-34-20	9/13/2017	0936	-0 53	-0 83	0.0	0	4.1	16.6	0 8	0 0	0 0	0.0	
VMP-34-20	10/23/2017	0957	-1.15	-0 83	0.0	0	4.5	16.6	0 5	0 0	0 0	0.0	
VMP-34-20	11/27/2017	0947	-0.72	-0.75	0.0	0	3.6	18.0	0 2	0 0	0 0	0.0	
VMP-34-20	12/18/2017	1032	-0 86	-0.72	0.0	0	3.2	18.4	0 9	0 0	0 0	0.0	
VMP-34-20	1/19/2018	0947	-0.42	-0.42	0.0	0	3.6	17.6	0 2	0 0	0 0	0.0	
VMP-34-20	2/22/2018	0925	-1 01	-0 84	0.0	0	2.6	18.4	0 0	0 0	0 0	0.0	
VMP-34-20	3/14/2018	1027	-0 81	-0.16	0.0	0	1.4	19.8	1.1	0 0	0 0	0.0	
VMP-34-20	4/24/2018	1209	-0.40	-0 36	0.0	0	1.5	19.7	0.1	0 0	0 0	0.0	
VMP-34-20	5/29/2018	0933	0.49	-0 87	0.0	0	1.5	19.3	0 2	0 0	0 0	0.0	
VMP-34-20	6/19/2018	0944	-0 82	-0 60	0.0	0	1.8	18.5	0.4	0 0	0 0	0.0	
VMP-34-30	7/17/2017	1136	-0 99	-1 05	0.0	0	2.9	18.5	0 9	0 0	0 0	0.3	
VMP-34-30	8/16/2017	1120	-0 86	-0.76	0.0	0	3.3	17.8	0 6	1 3	1 3	0.0	
VMP-34-30-Dup	8/16/2017	1120	NM	NM	0.0	0	3.3	17.9	0 6	1 8	1 8	0.0	Duplicate sample.
VMP-34-30	9/13/2017	0938	-1.13	-0 98	0.0	0	3.7	17.2	0.1	0 0	0 0	0.0	
VMP-34-30	10/23/2017	0959	-1.11	-0 94	0.0	0	4.5	16.6	0 2	0 0	0 0	0.0	
VMP-34-30	11/27/2017	0948	-0 88	-0 86	0.0	0	4.5	17.2	0.4	0 6	0 6	0.0	
VMP-34-30	12/18/2017	1033	-0 93	-0 84	0.0	0	4.6	17.2	0 2	0 0	0 0	0.0	
VMP-34-30	1/19/2018	0947	-0.48	-0.47	0.0	0	4.8	17.2	0 3	0 0	0 0	0.0	
VMP-34-30-Dup	1/19/2018	0947	NM	NM	0.0	0	5.1	16.3	0 3	0 0	0 0	0.0	Duplicate sample.
VMP-34-30	2/22/2018	0926	-1 07	-0 97	0.0	0	4.0	17.5	0.1	0 0	0 0	0.0	
VMP-34-30	3/14/2018	1028	-0 90	-0.18	0.0	0	4.1	17.9	0 5	0 0	0 0	0.0	
VMP-34-30-Dup	3/14/2018	1028	NM	NM	0.0	0	4.4	17.7	0 5	0 0	0 0	0.0	Duplicate sample.
VMP-34-30	4/24/2018	1213	-1.14	-1 03	0.0	0	3.8	18.5	0 0	0 0	0 0	0.0	
VMP-34-30	5/29/2018	0934	-1 04	-0 95	0.0	0	3.2	18.9	0 2	0 0	0 0	0.0	
VMP-34-30	6/19/2018	0945	-0 59	-0 68	0.0	0	3.2	18.5	0 2	0 0	0 0	0.0	
VMP-34-30-Dup	6/19/2018	0945	NM	NM	0.0	0	3.2	18.5	0 2	0 0	0 0	0.0	Duplicate sample.
VMP-35-10	7/17/2017	1106	-1 29	-1 34	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-35-10	8/16/2017	1036	-1 08	-1 07	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-35-10	9/13/2017	0949	-1.14	-1 02	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-35-10	10/23/2017	1040	-1 38	-1 20	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-35-10	11/27/2017	1010	-0 83	-0.76	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-35-10	12/18/2017	1045	-0 81	-0.78	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-35-10	1/19/2018	1015	-0 53	-0.41	0.0	0	0.0	20.9	1 3	5 6	0 8	4.8	
VMP-35-10	2/22/2018	0952	-1.17	-1.17	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-35-10	3/14/2018	1139	-0 29	-0 29	0.0	0	0.0	20.9	0 6	0 0	0 0	0.0	
VMP-35-10	4/24/2018	1037	-1 60	-0 62	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-35-10	5/29/2018	1001	-1.43	-1.41	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-35-10	6/19/2018	1014	-1.16	-1 62	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	7/17/2017	1108	-0.47	-0 54	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-35-20	8/16/2017	1037	-0 30	-0 33	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-35-20	9/13/2017	0951	-0 35	-0 27	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-35-20	10/23/2017	1042	-0 60	-0 56	0.0	0	0.0	20.9	0 6	0 0	0 0	0.0	
VMP-35-20	11/27/2017	1011	-0 35	-0 31	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-35-20	12/18/2017	1046	-0 25	-0 23	0.0	0	0.0	20.4	0.4	0 0	0 0	0.0	
VMP-35-20	1/19/2018	1016	-0.16	-0.11	0.0	0	0.0	20.9	1 5	4 5	0 5	4.0	
VMP-35-20	2/22/2018	0953	-0 56	-0 58	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-35-20	3/14/2018	1141	-0.13	-0.12	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-35-20	4/24/2018	1020	-0.74	-1 51	0.0	0	0.0	20.9	0 2	0.4	0 0	0.4	
VMP-35-20	5/29/2018	1002	-0 55	-0 56	0.0	0	0.0	20.9	0.1	0 5	0 5	0.0	
VMP-35-20	6/19/2018	1015	-0 38	-0.41	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-35-30	7/17/2017	1110	-0.14	-0 24	0.0	0	0.0	20.9	0 8	0 0	0 0	0.0	
VMP-35-30	8/16/2017	1038	0 00	0 00	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-35-30	9/13/2017	0953	-0.13	0 00	0.0	0	0.0	20.9	0 8	0.7	0 0	0.7	
VMP-35-30	10/23/2017	1044	-0 26	-0 22	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-35-30	11/27/2017	1012	-0.19	-0.17	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-35-30	12/18/2017	1047	-0 09	0 00	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-35-30	1/19/2018	1017	0 00	0 00	0.0	0	0.0	20.9	0 0	3 8	0.4	3.4	
VMP-35-30	2/22/2018	0954	-0 22	-0 26	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-35-30	3/14/2018	1143	-0 06	-0 06	0.0	0	0.0	20.9	0.7	0 0	0 0	0.0	
VMP-35-30	4/24/2018	1041	-0 35	-0 33	0.0	0	0.0	20.9	0 5	4.1	3 9	0.2	
VMP-35-30-Dup	4/24/2018	1041	NM	NM	0.0	0	0.0	20.9	0 5	3 5	3 0	0.5	Duplicate sample.
VMP-35-30	5/29/2018	1003	-0 31	-0 30	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-35-30	6/19/2018	1016	-0.17	-0 24	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-36-10	7/17/2017	1052	0 00	0 00	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-36-10	8/16/2017	1022	0 00	0 00	0.0	0	0.0	20.9	0 6	0 0	0 0	0.0	
VMP-36-10	9/13/2017	1006	-1.14	0 00	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-36-10	10/23/2017	1056	-1 56	-0.76	0.0	0	0.0	20.9	0 6	0 0	0 0	0.0	
VMP-36-10	11/27/2017	1021	0 00	-0 27	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-36-10	12/18/2017	1111	0.19	0 00	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-36-10	1/19/2018	1026	0 00	0 00	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-36-10	2/22/2018	1018	-0 09	0 00	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-36-10	3/14/2018	1123	0 04	0 00	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-36-10	4/24/2018	1120	-0.10	-0 09	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-36-10	5/29/2018	1012	-0.11	0 00	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-36-10	6/19/2018	1026	0 00	0 00	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-36-20	7/17/2017	1054	-0.17	-0 24	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-36-20	8/16/2017	1023	-0.15	-0.15	0.0	0	0.0	20.9	0 8	0 0	0 0	0.0	
VMP-36-20	9/13/2017	1008	-0 20	-0.13	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-36-20	10/23/2017	1058	-0.41	-0 23	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-36-20	11/27/2017	1022	-0.18	-0.15	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-36-20	12/18/2017	1112	-0.10	0 00	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-36-20	1/19/2018	1027	-0.10	0 00	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-36-20	2/22/2018	1019	-5.72	-0 36	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-36-20	3/14/2018	1125	-0 07	-0 07	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-36-20	4/24/2018	1122	-0.44	-0 34	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-36-20	5/29/2018	1013	-0.41	-0.40	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-36-20	6/19/2018	1026	-0 24	-0 27	0.0	0	0.0	20.9	0 5	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-36-30	7/17/2017	1056	-0 21	-0 28	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-36-30	8/16/2017	1024	-0.16	-0.14	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-36-30	9/13/2017	1010	-0 22	-0.12	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-36-30	10/23/2017	1100	-0.40	-0 09	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-36-30	11/27/2017	1023	0 00	0 00	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-36-30	12/18/2017	1113	0 00	0 00	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-36-30	1/19/2018	1028	0 00	0 00	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-36-30	2/22/2018	1020	-0.41	-0.12	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-36-30	3/14/2018	1127	0 00	-0 03	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-36-30	4/24/2018	1124	-0.48	-0.18	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-36-30	5/29/2018	1014	-0.45	-0.42	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-36-30	6/19/2018	1027	0 00	-0 23	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-37-10	7/17/2017	1035	-0 66	-0 58	0.0	0	0.0	20.9	0 6	0 0	0 0	0.0	
VMP-37-10	8/16/2017	1007	-0 55	-0 52	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-37-10	9/13/2017	1023	-0 55	-0 52	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-37-10	10/23/2017	1107	-0 97	-0 68	0.0	0	7.6	5 0	0 5	0 0	0 0	0.0	
VMP-37-10	11/27/2017	1035	-0 54	-0.46	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-37-10	12/18/2017	1128	-0 35	-0 35	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-37-10	1/19/2018	1050	0 00	0 00	0.0	0	4.3	13.3	0.1	0 0	0 0	0.0	
VMP-37-10	2/22/2018	1031	-0 58	-0.44	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-37-10	3/14/2018	1151	0 00	-0 05	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-37-10	4/24/2018	1016	-0.46	-0.44	0.0	0	0.0	20.9	0.1	7 2	7 2	0.0	
VMP-37-10	5/29/2018	1029	-0 32	-0 31	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-37-10	6/19/2018	1037	-0.19	-0 21	0.0	0	0.1	20.6	0.4	0 0	0 0	0.0	
VMP-37-20	7/18/2017	1220	-3.19	-3.18	0.6	13	6.7	12.3	138	696	25.7	670	
VMP-37-20	8/16/2017	1008	-2 85	-2.77	0.2	5	8.6	10.5	46.2	377	35.2	342	
VMP-37-20	9/13/2017	1025	-2 80	-2.78	0.2	5	7.9	11.2	35.1	355	72.5	283	
VMP-37-20	10/23/2017	1109	-2 99	-2 60	1.1	23	10.1	5 6	159	1260	112	1148	
VMP-37-20	11/27/2017	1036	-2 53	-2 39	0.2	4	5.5	13.6	39.0	250	25.0	225	
VMP-37-20	12/18/2017	1129	-2 28	-2 24	0.1	2	5.0	14.7	27.7	153	16.4	137	
VMP-37-20	1/19/2018	1051	-0 33	-0 23	0.0	0	0.0	20.9	0 2	2 5	0 0	2.5	Re-sampled due to elevated oxygen.
VMP-37-20	1/19/2018	1439	-0 09	NM	0.0	0	12 8	2 3	8 3	42.5	0 0	42.5	Re-sample.
VMP-37-20	2/22/2018	1032	-1 01	-1.14	0.0	0	7.9	10.5	2 5	0 0	0 0	0.0	
VMP-37-20	3/14/2018	1152	-0 23	-0 20	0.0	0	5.1	14.4	1 0	6 5	2 0	4.5	
VMP-37-20	4/24/2018	1018	-1 24	-1 31	0.0	0	4.6	14.8	4 6	20.5	0 8	19.7	
VMP-37-20	5/29/2018	1030	-1.11	-1 09	0.0	0	6.0	12.3	13.5	45.8	0 5	45.3	
VMP-37-20	6/19/2018	1038	-0 90	-0 94	0.1	1	8.5	8 5	13.9	103	1 5	102	
VMP-37-30	7/17/2017	1039	-4.40	-4.16	0.0	0	1.5	19.1	0 5	0 0	0 0	0.0	
VMP-37-30	8/16/2017	1009	-3 97	-4 20	0.0	0	1.7	18.9	0 6	0 0	0 0	0.0	
VMP-37-30	9/13/2017	1027	-4 21	-4.19	0.0	0	2.0	18.6	0.1	0 0	0 0	0.0	
VMP-37-30	10/23/2017	1111	-4 28	-3 82	0.0	0	2.3	19.1	0 9	0 0	0 0	0.0	
VMP-37-30	11/27/2017	1037	-3.42	-3 26	0.0	0	1.3	19.5	0 2	0 0	0 0	0.0	
VMP-37-30	12/18/2017	1130	-3 25	-3.17	0.0	0	1.2	19.7	0 3	0 0	0 0	0.0	
VMP-37-30	1/19/2018	1052	-0 50	-0 34	0.0	0	4.2	14.4	0.1	0 0	0 0	0.0	
VMP-37-30	2/22/2018	1033	-1 60	-1 37	0.0	0	2.8	17.3	0.1	0 0	0 0	0.0	
VMP-37-30-Dup	2/22/2018	1033	NM	NM	0.0	0	2.9	17.2	0.1	0 0	0 0	0.0	Duplicate sample.
VMP-37-30	3/14/2018	1153	-0 34	0 00	0.0	0	1.9	19.1	0 5	0 0	0 0	0.0	
VMP-37-30	4/24/2018	1020	-1 90	-1 69	0.0	0	2.1	17.8	0 5	0 0	0 0	0.0	
VMP-37-30	5/29/2018	1031	-3 29	-1.44	0.0	0	2.4	17.0	0 3	0 0	0 0	0.0	
VMP-37-30	6/19/2018	1039	-1 33	-1 23	0.0	0	3.1	15.3	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-38-10	7/17/2017	0954	-0 58	-0 63	0.0	0	2.5	17.6	0.7	1 0	0 8	0.2	
VMP-38-10	8/16/2017	0952	-0.48	-0 59	0.0	0	1.8	18.6	0 5	0 0	0 0	0.0	
VMP-38-10	9/13/2017	1112	-0 50	-0 62	0.0	0	1.7	18.6	0 2	0 0	0 0	0.0	
VMP-38-10	10/23/2017	1123	-2 55	-2 53	0.0	0	1.8	18.0	0 6	0 0	0 0	0.0	
VMP-38-10	11/27/2017	1101	-0 52	-0.44	0.0	0	1.1	19.7	0 3	0 0	0 0	0.0	
VMP-38-10	12/18/2017	1142	-0.45	-0.41	0.0	0	0.5	20.4	0 3	0 0	0 0	0.0	
VMP-38-10	1/19/2018	1129	-0.15	-0.11	0.0	0	0.4	20.5	0.1	0 0	0 0	0.0	
VMP-38-10	2/22/2018	1047	-1 09	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-38-10	3/14/2018	1212	0 09	0 00	0.0	0	0.6	20.0	0.1	0 0	0 0	0.0	
VMP-38-10	4/24/2018	1000	-0.17	-0.18	0.0	0	0.8	19.2	0.1	1 2	1 2	0.0	
VMP-38-10	5/29/2018	1057	-18.75	-0 09	0.0	0	2.3	16.6	0 2	0 0	0 0	0.0	
VMP-38-10	6/19/2018	1056	0 25	0 00	0.0	0	3.4	16.1	0 6	0 0	0 0	0.0	
VMP-38-20	7/17/2017	0956	-2 00	-0 86	0.0	0	0.5	20.4	0 5	0 0	0 0	0.0	
VMP-38-20	8/16/2017	0953	-0 81	-1 32	0.0	0	0.6	20.2	0 2	0 0	0 0	0.0	
VMP-38-20	9/13/2017	1114	-1 94	-1 81	0.0	0	0.7	20.1	0 3	0 0	0 0	0.0	
VMP-38-20	10/23/2017	1125	-5 50	-4 23	0.0	0	0.7	20.0	0.4	0 0	0 0	0.0	
VMP-38-20	11/27/2017	1102	-1.73	-1 60	0.0	0	0.7	20.2	4 8	26.2	0 0	26.2	
VMP-38-20	12/18/2017	1143	-1.73	-1 56	0.0	0	0.2	20.7	0 9	2 5	0 0	2.5	
VMP-38-20	1/19/2018	1130	1 25	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-38-20	2/22/2018	1048	-1 84	-2 02	0.0	0	0.4	20.5	2 3	25.9	0 0	25.9	
VMP-38-20	3/14/2018	1214	-0 03	0 00	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-38-20	4/24/2018	1002	0 25	-0.10	0.0	0	0.7	19.7	0 6	0.7	0.7	0.0	
VMP-38-20	5/29/2018	1058	-0 98	-0.18	0.0	0	0.8	19.0	0.1	0 0	0 0	0.0	
VMP-38-20	6/19/2018	1057	-0 51	-0 22	0.0	0	1.6	17.2	0 2	0 0	0 0	0.0	
VMP-38-27	7/17/2017	0958	-1 98	-1 97	0.0	0	0.6	20.3	0 5	0 0	0 0	0.0	
VMP-38-27	8/16/2017	0954	-2 02	-1 98	0.0	0	0.8	20.0	0.4	0 0	0 0	0.0	
VMP-38-27	9/13/2017	1116	-2 01	-1 97	0.0	0	0.9	19.8	0 2	0 0	0 0	0.0	
VMP-38-27	10/23/2017	1127	-2 07	-1 83	0.0	0	1.3	19.5	0 3	0 0	0 0	0.0	
VMP-38-27	11/27/2017	1103	-1.71	-1 52	0.0	0	1.1	19.7	11.1	49.7	0 0	49.7	
VMP-38-27	12/18/2017	1144	-1 66	-1.75	0.0	0	0.2	20.7	1.1	2 3	0 0	2.3	
VMP-38-27	1/19/2018	1131	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well port encased in ice.
VMP-38-27	2/22/2018	1049	-2 32	-2 04	0.0	0	0.0	20.9	0 2	1 6	1 6	0.0	
VMP-38-27	3/14/2018	1216	0 00	-0 07	0.0	0	1.2	18.9	0 3	0 6	0 0	0.6	
VMP-38-27	4/24/2018	1004	0 23	0 00	0.0	0	0.0	20.9	0 2	1.7	1.7	0.0	
VMP-38-27	5/29/2018	1059	-0 20	-0 22	0.0	0	0.8	18.9	0 0	0 0	0 0	0.0	
VMP-38-27	6/19/2018	1058	-0 09	-0.16	0.0	0	1.4	17.5	0 3	0 0	0 0	0.0	
VMP-39-10	7/17/2017	0940	-1 31	-1 27	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-39-10	8/16/2017	0923	-1 25	-1 25	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-39-10	9/13/2017	1126	-1 22	-1.18	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-39-10	10/23/2017	1138	-1 29	-1 25	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-39-10	11/27/2017	1117	-1.11	-1 08	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-39-10	12/18/2017	1152	-1 05	-1 04	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-39-10	1/19/2018	1142	-0.79	-0.73	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-39-10	2/22/2018	1112	-1.75	-1 56	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-39-10	3/14/2018	1227	-0 99	-0 30	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-39-10	4/24/2018	0946	-1.15	-1 30	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-39-10	5/29/2018	1111	-1 32	-1 30	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-39-10	6/19/2018	1110	-0 89	-0 97	0.0	0	0.0	20.9	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-39-20	7/17/2017	0942	-0 65	-0 61	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-39-20	8/16/2017	0924	-0.49	-0.48	0.0	0	0.0	20.9	0.7	0 0	0 0	0.0	
VMP-39-20	9/13/2017	1128	-0.45	-0 50	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-39-20	10/23/2017	1140	-0 62	-0 55	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-39-20	11/27/2017	1118	-0.43	-0 39	0.0	0	0.1	20.8	0 0	0 0	0 0	0.0	
VMP-39-20	12/18/2017	1153	-0 34	-0 37	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-39-20	1/19/2018	1143	-0 31	-0 27	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-39-20	2/22/2018	1113	-0 97	-0 83	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-39-20	3/14/2018	1228	-0.11	-0.11	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-39-20	4/24/2018	0948	-0 51	-0 53	0.0	0	0.1	20.8	0.4	0 0	0 0	0.0	
VMP-39-20	5/29/2018	1112	-0.49	-0.46	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-39-20	6/19/2018	1111	-0 27	-0 30	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-39-30	7/17/2017	0944	-0 52	-0.49	0.0	0	0.0	20.9	0 6	0 0	0 0	0.0	
VMP-39-30	8/16/2017	0925	-0.43	-0.40	0.0	0	0.0	20.9	0.7	0 0	0 0	0.0	
VMP-39-30	9/13/2017	1130	-0 34	-0 32	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-39-30	10/23/2017	1142	-0 52	-0.48	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-39-30	11/27/2017	1119	-0 37	-0 35	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-39-30	12/18/2017	1154	-0 30	-0 28	0.0	0	0.0	20.9	0.7	0 6	0 0	0.6	
VMP-39-30	1/19/2018	1144	-0 30	-0 26	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-39-30	2/22/2018	1114	-0 94	-0.73	0.1	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-39-30	3/14/2018	1229	-0.10	-0.10	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-39-30	4/24/2018	0950	-0.47	-0.16	0.0	0	0.1	20.8	0.4	0 0	0 0	0.0	
VMP-39-30-Dup	4/24/2018	0950	NM	NM	0.0	0	0.1	20.8	0.4	0 0	0 0	0.0	Duplicate sample.
VMP-39-30	5/29/2018	1113	-0.44	-0.43	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-39-30	6/19/2018	1112	-0 25	-0 32	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-40-10	7/17/2017	0928	0 00	0 00	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-40-10	8/16/2017	0908	0 00	0 00	0.0	0	0.0	20.9	1 3	0 0	0 0	0.0	
VMP-40-10	9/13/2017	1136	0 00	0 00	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-40-10	10/23/2017	1152	0 00	0 00	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-40-10	11/27/2017	1125	0 00	0 00	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-40-10	12/18/2017	1204	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-40-10	1/19/2018	1156	0 00	0 00	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-40-10	2/22/2018	1127	-0.17	0 00	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-40-10	3/14/2018	1240	0 00	0 00	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-40-10	4/24/2018	0931	0 00	0 00	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-40-10	5/29/2018	1122	0 00	0 00	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-40-10	6/19/2018	1123	0 00	0 00	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-40-20	7/17/2017	0930	-1 64	-1.15	0.0	0	4.4	15.3	0 3	0 0	0 0	0.0	
VMP-40-20	8/16/2017	0909	-1.72	-1 28	0.0	0	5.4	14.0	2 3	0 0	0 0	0.0	
VMP-40-20	9/13/2017	1138	-1 20	-1.19	0.0	0	5.0	13.8	0.1	0 0	0 0	0.0	
VMP-40-20	10/23/2017	1154	-1.19	-1.10	0.1	3	8.3	6.7	6 5	862	717	145	Re-sampled due to elevated THC.
VMP-40-20	10/24/2017	1230	-1 52	NM	0.1	2	7.3	10.1	5 6	591	489	102	Re-sample.
VMP-40-20	11/27/2017	1126	-0 88	-0 82	0.1	3	7.2	10.4	11.6	409	249	160	
VMP-40-20	12/18/2017	1205	-0 83	-0.77	0.0	0	4.5	14.8	0 2	0 0	0 0	0.0	
VMP-40-20	1/19/2018	1157	-0 62	-0.73	0.0	0	8.4	5.1	0.4	31.5	31.5	0.0	
VMP-40-20	2/22/2018	1128	-2.14	-1.76	0.0	0	6.1	11.6	0 2	0 0	0 0	0.0	
VMP-40-20	3/14/2018	1242	-0 51	-0.48	5.0	OVR	10 0	6 5	37.9	25680	21470	4210	
VMP-40-20	4/24/2018	0933	-2.46	-2.11	11.4	OVR	9.0	8 0	121	31580	25230	6350	
VMP-40-20	5/29/2018	1123	-1 81	-1 91	0.2	5	10 3	5 5	25.9	1450	1190	260	
VMP-40-20	6/19/2018	1124	-0 94	-0 96	3.0	60	10.4	5 6	74.6	10790	7630	3160	

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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-40-30	7/17/2017	0932	0 00	0 00	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-40-30	8/16/2017	0910	-0.12	-0.10	0.0	0	0.0	20.9	0.7	0 0	0 0	0.0	
VMP-40-30	9/13/2017	1140	0 00	0 00	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-40-30	10/23/2017	1156	-0.11	-0 23	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-40-30	11/27/2017	1127	0 00	0 00	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-40-30	12/18/2017	1206	0 00	0 00	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-40-30	1/19/2018	1158	0 00	0 00	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-40-30	2/22/2018	1129	-0 20	-0.12	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-40-30	3/14/2018	1244	-0 03	-0 03	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-40-30	4/24/2018	0935	-0 20	-0.19	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-40-30	5/29/2018	1124	-0.11	-0.11	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-40-30-Dup	5/29/2018	1124	NM	NM	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	Duplicate sample.
VMP-40-30	6/19/2018	1125	0 00	-0.14	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-41-10	7/17/2017	1036	0 00	0 00	0.0	0	1.1	20.2	0 3	0 0	0 0	0.0	
VMP-41-10	8/16/2017	0955	0 00	0 00	0.0	0	0.9	20.1	0 9	0 0	0 0	0.0	
VMP-41-10	9/13/2017	0934	0 00	0 00	0.0	0	0.7	20.4	0.4	0 0	0 0	0.0	
VMP-41-10	10/23/2017	1125	0 00	0 00	0.0	0	0.5	20.3	0 3	0 0	0 0	0.0	
VMP-41-10	11/27/2017	1013	0 00	0 00	0.0	0	0.3	20.7	0 3	0 0	0 0	0.0	
VMP-41-10	12/18/2017	1033	0 00	0 00	0.0	0	0.3	20.6	0.1	0 0	0 0	0.0	
VMP-41-10	1/17/2018	1232	0 00	0 00	0.0	0	0.2	20.5	0.1	0 0	0 0	0.0	
VMP-41-10	2/21/2018	1016	0 00	-0.16	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-41-10	3/14/2018	1022	0 00	0 00	0.0	0	0.2	20.7	0.1	0 0	0 0	0.0	
VMP-41-10	4/24/2018	0952	-0.10	0 00	0.0	0	0.3	20.7	0.4	0 0	0 0	0.0	
VMP-41-10	5/29/2018	1033	0 00	0 00	0.0	0	0.8	19.9	0.1	0 0	0 0	0.0	
VMP-41-10	6/19/2018	0826	0 00	0 00	0.0	0	1.1	20.0	0 3	0 0	0 0	0.0	
VMP-41-20	7/17/2017	1037	0 00	0 00	0.0	0	1.1	20.0	0 3	0 0	0 0	0.0	
VMP-41-20	8/16/2017	0956	-0.45	0 00	0.0	0	1.1	19.9	0 5	0 0	0 0	0.0	
VMP-41-20	9/13/2017	0935	-0 09	0 00	0.0	0	1.0	20.1	0 2	0 0	0 0	0.0	
VMP-41-20	10/23/2017	1126	0 00	0 00	0.0	0	0.8	20.0	0 6	0 0	0 0	0.0	
VMP-41-20	11/27/2017	1014	0 00	0 00	0.0	0	0.6	20.4	0.1	0 0	0 0	0.0	
VMP-41-20	12/18/2017	1034	0 00	0 00	0.0	0	0.6	20.5	0.1	0 0	0 0	0.0	
VMP-41-20	1/17/2018	1233	0 00	0 00	0.0	0	0.5	20.3	0 0	0 0	0 0	0.0	
VMP-41-20	2/21/2018	1017	-0 09	-0 25	0.0	0	0.2	20.8	0 2	0 0	0 0	0.0	
VMP-41-20	3/14/2018	1023	0 00	0 00	0.0	0	0.3	20.6	0 5	0 0	0 0	0.0	
VMP-41-20	4/24/2018	0953	-0.10	0 00	0.0	0	0.3	20.6	0.4	0 0	0 0	0.0	
VMP-41-20	5/29/2018	1034	0 00	0 00	0.0	0	0.5	20.1	0.1	0 0	0 0	0.0	
VMP-41-20	6/19/2018	0827	0 00	0 00	0.0	0	0.9	19.9	0 2	0 0	0 0	0.0	

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SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-41-26	7/17/2017	1038	0 00	0 00	0.0	0	1.1	19.8	0 0	0 0	0 0	0.0	
VMP-41-26	8/16/2017	0957	0 00	0 00	0.0	0	1.2	19.7	0 8	0 0	0 0	0.0	
VMP-41-26	9/13/2017	0936	-0.10	0 00	0.0	0	1.3	19.8	0 2	0 0	0 0	0.0	
VMP-41-26	10/23/2017	1127	0 00	0 00	0.0	0	1.1	19.7	0 2	0 0	0 0	0.0	
VMP-41-26	11/27/2017	1015	0 00	0 00	0.0	0	0.9	20.0	0 3	0 0	0 0	0.0	
VMP-41-26	12/18/2017	1035	0 00	0 00	0.0	0	0.9	20.1	0 2	0 0	0 0	0.0	
VMP-41-26-Dup	12/18/2017	1035	NM	NM	0.0	0	0.9	20.1	0 2	0 0	0 0	0.0	Duplicate sample.
VMP-41-26	1/17/2018	1234	0 00	-0 21	0.0	0	0.8	19.8	0 0	0 0	0 0	0.0	
VMP-41-26-Dup	1/17/2018	1234	NM	NM	0.0	0	0.9	19.8	0 0	0 0	0 0	0.0	Duplicate sample.
VMP-41-26	2/21/2018	1018	-0.11	-0.17	0.0	0	0.5	20.5	0 2	0 0	0 0	0.0	
VMP-41-26-Dup	2/21/2018	1018	NM	NM	0.0	0	0.5	20.5	0 2	0 0	0 0	0.0	Duplicate sample.
VMP-41-26	3/14/2018	1024	0 00	-0 09	0.0	0	0.5	20.3	1 0	0 0	0 0	0.0	
VMP-41-26-Dup	3/14/2018	1024	NM	NM	0.0	0	0.5	20.3	1 0	0 0	0 0	0.0	Duplicate sample.
VMP-41-26	4/24/2018	0954	-0.11	0 00	0.0	0	0.4	20.4	0 2	0 0	0 0	0.0	
VMP-41-26-Dup	4/24/2018	0954	NM	NM	0.0	0	0.4	20.4	0 2	0 0	0 0	0.0	Duplicate sample.
VMP-41-26	5/29/2018	1035	0 00	0 00	0.0	0	0.5	20.1	0.1	0 0	0 0	0.0	
VMP-41-26-Dup	5/29/2018	1035	NM	NM	0.0	0	0.5	20.1	0.1	0 0	0 0	0.0	Duplicate sample.
VMP-41-26	6/19/2018	0828	0 00	0 00	0.0	0	0.7	19.8	0.1	0 0	0 0	0.0	
VMP-41-26-Dup	6/19/2018	0828	NM	NM	0.0	0	0.7	19.8	0 2	0 0	0 0	0.0	Duplicate sample.
VMP-42-10	7/18/2017	1023	-0 21	-0.15	0.0	0	1.5	19.6	0.1	0 0	0 0	0.0	
VMP-42-10	8/17/2017	1058	0 00	0 00	0.0	0	1.7	19.4	0 3	0 0	0 0	0.0	
VMP-42-10	9/14/2017	1115	0 00	0 00	0.0	0	1.6	19.6	0 2	0 0	0 0	0.0	
VMP-42-10	10/24/2017	1125	0 00	-0 09	0.0	0	1.3	19.8	0.1	0 0	0 0	0.0	
VMP-42-10	11/28/2017	951	0 00	0 00	0.0	0	0.7	20.4	0 5	0 0	0 0	0.0	
VMP-42-10	12/19/2017	1102	0 00	0 00	0.0	0	0.5	20.5	0 2	0 0	0 0	0.0	
VMP-42-10	1/19/2018	0950	0 00	0 00	0.0	0	0.3	20.5	0 2	0 0	0 0	0.0	
VMP-42-10	2/22/2018	1130	0 00	0 00	0.0	0	0.3	20.8	0.1	0 0	0 0	0.0	
VMP-42-10	3/15/2018	1236	0 00	0 00	0.0	0	0.3	20.5	0.1	0 0	0 0	0.0	
VMP-42-10	3/30/2018	1231	0 00	NM	0.0	0	0.2	20.7	0 2	0 0	0 0	0.0	
VMP-42-10	4/10/2018	1114	0 00	0 00	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-42-10	4/11/2018	1120	0 00	NM	0.0	0	0.3	20.5	0.4	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-42-10	5/30/2018	1033	0 00	0 00	0.0	0	0.9	19.8	0 3	0 0	0 0	0.0	
VMP-42-10	6/20/2018	0852	-0.10	-0.18	0.0	0	1.4	19.5	0.4	0 0	0 0	0.0	
VMP-42-20	7/18/2017	1025	-0 21	-0.15	0.0	0	2.3	18.7	0 2	0 0	0 0	0.0	
VMP-42-20	8/17/2017	1059	-0.18	-0.15	0.0	0	3.0	18.1	0.7	0 0	0 0	0.0	
VMP-42-20	9/14/2017	1117	-0.12	-0.12	0.0	0	3.1	18.3	0 2	0 0	0 0	0.0	
VMP-42-20	10/24/2017	1127	-0 32	-0 33	0.0	0	2.9	18.8	0 3	0 0	0 0	0.0	
VMP-42-20	11/28/2017	952	-0.14	-0 22	0.0	0	2.0	19.6	0 6	0 0	0 0	0.0	
VMP-42-20	12/19/2017	1103	-0 21	-0 09	0.0	0	1.7	19.9	0 2	0 0	0 0	0.0	
VMP-42-20	1/19/2018	0951	-0.14	0 00	0.0	0	1.4	20.0	0 2	0 0	0 0	0.0	
VMP-42-20	2/22/2018	1131	-0.10	-0.15	0.0	0	1.0	20.5	0 6	0 0	0 0	0.0	
VMP-42-20	3/15/2018	1237	-0.12	-0.17	0.0	0	0.8	20.1	0 3	0 0	0 0	0.0	
VMP-42-20	3/30/2018	1232	-0 35	NM	0.0	0	0.7	20.2	0.4	0 0	0 0	0.0	
VMP-42-20	4/11/2018	1121	0 00	NM	0.0	0	0.8	20.2	0.4	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-42-20	4/25/2018	1116	-0 27	-0 31	0.0	0	0.7	19.9	0 3	0 0	0 0	0.0	
VMP-42-20	5/30/2018	1034	-0 24	-0 31	0.0	0	1.1	19.3	0.1	0 0	0 0	0.0	
VMP-42-20	6/20/2018	0853	-0 34	-0.44	0.0	0	2.0	18.6	0.4	0 0	0 0	0.0	

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SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-42-30	7/18/2017	1027	-0 55	-0.46	0.0	0	1.7	19.0	0 5	0 0	0 0	0.0	
VMP-42-30-Dup	7/18/2017	1027	NM	NM	0.0	0	1.8	18.9	0 5	0 0	0 0	0.0	Duplicate sample.
VMP-42-30	8/17/2017	1100	-0 50	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-42-30	9/14/2017	1119	-0.43	-0.40	0.0	0	2.8	18.6	0 3	0 0	0 0	0.0	
VMP-42-30	10/24/2017	1129	-0 81	-0 80	0.0	0	3.1	18.6	0.1	0 0	0 0	0.0	
VMP-42-30	11/28/2017	953	-0 60	-0 59	0.0	0	2.5	19.4	0 3	0 0	0 0	0.0	
VMP-42-30-Dup	11/28/2017	953	NM	NM	0.0	0	2.4	19.5	0 3	0 0	0 0	0.0	Duplicate sample.
VMP-42-30	12/19/2017	1104	-0 55	-0.45	0.0	0	2.0	19.7	0.1	0 0	0 0	0.0	
VMP-42-30	1/19/2018	0952	-0 37	0 00	0.0	0	2.1	19.8	0 2	0 0	0 0	0.0	
VMP-42-30	2/22/2018	1132	-0.48	-0 36	0.0	0	1.4	20.2	0.1	0 0	0 0	0.0	
VMP-42-30	3/15/2018	1238	-0 51	-0 61	0.0	0	1.2	19.9	0 2	0 0	0 0	0.0	
VMP-42-30	3/30/2018	1233	-0 93	NM	0.0	0	0.9	20.3	0.4	0 0	0 0	0.0	
VMP-42-30	4/11/2018	1122	-0.16	NM	0.0	0	1.1	20.0	0 0	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-42-30	4/25/2018	1118	-0.74	-0 81	0.0	0	0.8	20.1	0 2	0 0	0 0	0.0	
VMP-42-30-Dup	4/25/2018	1118	NM	NM	0.0	0	0.9	20.1	0 2	0 0	0 0	0.0	Duplicate sample.
VMP-42-30	5/30/2018	1035	-0 61	-0 62	0.0	0	0.7	20.0	0 2	0 0	0 0	0.0	
VMP-42-30-Dup	5/30/2018	1035	NM	NM	0.0	0	0.8	20.0	0 2	0 0	0 0	0.0	Duplicate sample.
VMP-42-30	6/20/2018	0854	-0.77	-0 91	0.0	0	1.0	19.2	0.4	0 0	0 0	0.0	
VMP-42-30-Dup	6/20/2018	0854	NM	NM	0.0	0	1.0	19.2	0.4	0 0	0 0	0.0	Duplicate sample.
VMP-43-10	7/18/2017	1202	-3.19	-1 63	0.0	0	0.3	20.7	0 2	0 0	0 0	0.0	
VMP-43-10	8/17/2017	1350	-3 20	-3 08	0.0	0	0.4	20.6	0 6	0 0	0 0	0.0	
VMP-43-10	9/14/2017	1129	-2 81	-2.77	0.0	0	0.2	20.6	0 3	0 0	0 0	0.0	
VMP-43-10	10/24/2017	1337	-3 24	-3 26	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-43-10	11/28/2017	1312	-2 29	-2.42	0.0	0	0.1	20.8	0 3	1 3	1 3	0.0	
VMP-43-10	12/19/2017	1120	-2.15	-2.10	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-43-10	1/19/2018	0904	-1 54	-0 65	0.0	0	0.1	20.8	1 2	7 5	1 2	6.3	
VMP-43-10	2/22/2018	0929	-2 50	-2.77	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-43-10	3/15/2018	1003	-3 04	-2 96	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-43-10	4/25/2018	1423	-3.15	-3.13	0.0	0	0.1	20.8	0 3	0 0	0 0	0.0	
VMP-43-10	5/30/2018	1239	-3 25	-3 20	0.0	0	0.4	20.4	0 5	0 0	0 0	0.0	
VMP-43-10	6/20/2018	1024	-3.78	-3 89	0.0	0	0.3	20.3	0 3	0 0	0 0	0.0	
VMP-43-20	7/18/2017	1203	-5 29	-5.16	0.0	0	0.2	20.7	0 3	0 0	0 0	0.0	
VMP-43-20	8/17/2017	1351	-5 02	-5 08	0.0	0	0.2	20.7	0.7	0 0	0 0	0.0	
VMP-43-20	9/14/2017	1130	-4.71	-4 69	0.0	0	0.2	20.7	0.7	0 0	0 0	0.0	
VMP-43-20	10/24/2017	1339	-5.17	-5.18	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-43-20	11/28/2017	1313	-3 94	-4.10	0.0	0	0.1	20.8	0 3	1 8	1 8	0.0	
VMP-43-20	12/19/2017	1121	-3.73	-3 66	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-43-20	1/19/2018	0905	-2.77	-2 97	0.0	0	0.1	20.8	0 9	4 8	1 0	3.8	
VMP-43-20	2/22/2018	0930	-4 38	-4 28	0.0	0	0.0	20.9	0 6	0 0	0 0	0.0	
VMP-43-20	3/15/2018	1004	-4 81	-4.72	0.0	0	0.1	20.9	0 2	0 0	0 0	0.0	
VMP-43-20	4/25/2018	1423	-4 93	-4 91	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-43-20	5/30/2018	1240	-4 84	-4 80	0.0	0	0.4	20.5	0.4	0 0	0 0	0.0	
VMP-43-20	6/20/2018	1025	-5.43	-5 82	0.0	0	0.4	20.3	0 3	0 0	0 0	0.0	

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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-43-30	7/18/2017	1204	-7.70	-6.13	0.0	0	0.4	20.5	0.7	0 0	0 0	0.0	
VMP-43-30	8/17/2017	1352	-7.44	-7.45	0.0	0	0.4	20.6	0 8	0 0	0 0	0.0	
VMP-43-30	9/14/2017	1131	-6.70	-6 94	0.0	0	0.3	20.6	0 8	0 0	0 0	0.0	
VMP-43-30	10/24/2017	1341	-7.44	-7.46	0.0	0	0.1	20.7	0 3	0 0	0 0	0.0	
VMP-43-30	11/28/2017	1314	-6.15	-6 31	0.0	0	0.2	20.7	0 6	2 8	2 8	2.8	
VMP-43-30	12/19/2017	1122	-5 24	-5.14	0.0	0	0.0	20.8	0 2	0 0	0 0	0.0	
VMP-43-30	1/19/2018	1327	-3 94	-3 94	0.0	0	0.2	20.5	0 2	0 0	0 0	0.0	
VMP-43-30	2/22/2018	0931	-6 66	-6 54	0.0	0	0.1	20.7	0 5	0 0	0 0	0.0	
VMP-43-30	3/15/2018	1005	-6 93	-7.13	0.0	0	0.2	20.7	0 3	0 0	0 0	0.0	
VMP-43-30	4/25/2018	1427	-7 35	-7.15	0.0	0	0.2	20.5	0.4	0 0	0 0	0.0	
VMP-43-30	5/30/2018	1241	-6.14	-6 80	0.0	0	0.5	20.4	1.1	0 0	0 0	0.0	
VMP-43-30	6/20/2018	1026	-8 25	-7 93	0.0	0	0.6	20.1	0.4	0 0	0 0	0.0	
VMP-44-10	7/18/2017	0947	0 00	0 00	0.0	0	2.3	18.1	0 6	0 0	0 0	0.0	
VMP-44-10	8/17/2017	1249	0 00	-0.12	0.0	0	2.0	18.6	0 8	0 0	0 0	0.0	
VMP-44-10	9/14/2017	0913	0 00	0 00	0.0	0	1.4	19.2	0 5	0 0	0 0	0.0	
VMP-44-10	10/24/2017	1245	-0.14	-0.14	0.0	0	1.2	19.5	0 2	0 0	0 0	0.0	
VMP-44-10	11/28/2017	1012	0 00	0 00	0.0	0	0.6	20.3	0.1	0 0	0 0	0.0	
VMP-44-10	12/19/2017	1026	-0.12	0 00	0.0	0	0.2	20.6	0.1	0 0	0 0	0.0	
VMP-44-10	1/18/2018	1450	0 00	0 00	0.0	0	0.7	17.6	0.1	32.7	32.7	0.0	Re-sampled due to elevated methane.
VMP-44-10	1/19/2018	1447	0 00	NM	0.0	0	0.5	18.7	0 3	36.7	36.7	0.0	Re-sample.
VMP-44-10	2/22/2018	0813	0 00	0 00	0.0	0	0.2	20.5	0.1	0 0	0 0	0.0	
VMP-44-10	3/15/2018	0829	0 00	0 00	0.0	0	0.2	20.7	0.1	0 0	0 0	0.0	
VMP-44-10	4/11/2018	1235	0 00	NM	0.0	0	1.4	16.6	0 3	1.4	1.4	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-44-10	4/25/2018	1503	1 24	0 00	0.0	0	0.2	20.7	0.7	0 0	0 0	0.0	
VMP-44-10	5/30/2018	1002	0 00	0 00	0.0	0	0.5	20.3	0 2	0 0	0 0	0.0	
VMP-44-10	6/20/2018	0850	-0.13	0 00	0.0	0	0.6	19.9	0 2	0 0	0 0	0.0	
VMP-44-20	7/18/2017	0948	-0.17	-0.13	0.0	0	2.2	18.2	0 6	0 0	0 0	0.0	
VMP-44-20	8/17/2017	1250	-0 21	-0 29	0.0	0	2.1	18.3	0 5	0 0	0 0	0.0	
VMP-44-20	9/14/2017	0914	-0.10	-0.12	0.0	0	1.1	19.6	0.4	0 0	0 0	0.0	
VMP-44-20	10/24/2017	1246	-2 88	-0 21	0.0	0	1.4	19.3	0.1	0 0	0 0	0.0	
VMP-44-20	11/28/2017	1013	0 00	0 00	0.0	0	0.4	20.4	0 0	0 0	0 0	0.0	
VMP-44-20	12/19/2017	1027	-0.16	-0.11	0.0	0	0.1	20.7	0.1	0 0	0 0	0.0	
VMP-44-20	1/18/2018	1451	0 00	0 00	0.0	0	0.4	18.4	0 2	29.7	29.7	0.0	Re-sampled due to elevated methane.
VMP-44-20	1/19/2018	1448	0 00	NM	0.0	0	0.2	19.4	0 2	47.0	47.0	0.0	Re-sample.
VMP-44-20	2/22/2018	0814	-0 37	0 00	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-44-20	3/15/2018	0830	0 00	0 00	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-44-20	4/11/2018	1236	0 00	NM	0.0	0	1.1	16.2	2 5	2 3	1 8	0.5	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-44-20	4/25/2018	1504	0 00	0 00	0.0	0	0.0	20.9	0 8	0 0	0 0	0.0	
VMP-44-20	5/30/2018	1003	0 00	-0 32	0.0	0	0.5	20.3	0 2	0 0	0 0	0.0	
VMP-44-20	6/20/2018	0851	-0.19	-0 37	0.0	0	0.9	19.6	0 3	0 0	0 0	0.0	

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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-44-30	7/18/2017	0949	0 00	0 00	0.0	0	2.0	18.5	0 3	0 0	0 0	0.0	
VMP-44-30-Dup	7/18/2017	0949	NM	NM	0.0	0	2.1	18.4	0 3	0 0	0 0	0.0	Duplicate sample.
VMP-44-30	8/17/2017	1251	0 00	-0.14	0.0	0	1.8	18.8	0.7	1.7	1.7	0.0	
VMP-44-30	9/14/2017	0915	-0 27	0 00	0.0	0	1.3	19.4	0 3	0 0	0 0	0.0	
VMP-44-30	10/24/2017	1247	-0.13	-0.16	0.0	0	1.1	19.5	0.1	0 0	0 0	0.0	
VMP-44-30	11/28/2017	1014	0 00	0 00	0.0	0	0.5	20.3	0 0	0 0	0 0	0.0	
VMP-44-30-Dup	11/28/2017	1014	NM	NM	0.0	0	0.5	20.3	0 0	0 0	0 0	0.0	Duplicate sample.
VMP-44-30	12/19/2017	1028	-0.15	-0.10	0.0	0	0.3	20.6	0 2	0 0	0 0	0.0	
VMP-44-30-Dup	12/19/2017	1028	NM	NM	0.0	0	0.3	20.6	0 2	0 0	0 0	0.0	Duplicate sample.
VMP-44-30	1/18/2018	1452	0 00	0 00	0.0	0	0.6	17.2	0 2	36.5	36.5	0.0	Re-sampled due to elevated methane.
VMP-44-30	1/19/2018	1449	0 00	NM	0.0	0	0.3	18.9	0 2	48.3	48.3	0.0	Resample.
VMP-44-30	2/22/2018	0815	0 00	0 00	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-44-30	3/15/2018	0831	0 00	0 00	0.0	0	0.3	20.6	0 2	0 0	0 0	0.0	
VMP-44-30	4/11/2018	1237	0 00	NM	0.0	0	1.3	15.3	0 9	2 3	2 3	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-44-30-Dup	4/11/2018	1237	0 00	NM	0.0	0	1.3	15.3	0 9	2 5	2 5	0.0	Duplicate sample. SVE system was shutdown from 12:40 pm 4/4/18 to 14 07 pm 4/11/18.
VMP-44-30	4/25/2018	1505	0 00	0 00	0.0	0	0.0	20.9	0 8	0 0	0 0	0.0	
VMP-44-30	5/30/2018	1004	0 00	-0 37	0.0	0	0.3	20.6	0 2	0 0	0 0	0.0	
VMP-44-30-Dup	5/30/2018	1004	NM	NM	0.0	0	0.3	20.6	0 2	0 0	0 0	0.0	Duplicate sample.
VMP-44-30	6/20/2018	0852	-0.11	0 00	0.0	0	0.4	20.3	0.1	0 0	0 0	0.0	
VMP-44-30-Dup	6/20/2018	0852	NM	NM	0.0	0	0.4	20.2	0.1	0 0	0 0	0.0	Duplicate sample.
VMP-45-10	7/18/2017	0848	0 00	0 00	0.0	0	0.3	20.7	0 2	0 0	0 0	0.0	
VMP-45-10	8/17/2017	1041	-0.13	-0 09	0.0	0	0.2	20.7	0.4	0 0	0 0	0.0	
VMP-45-10	9/14/2017	0819	-0.18	-0.10	0.0	0	0.2	20.6	0 3	0 0	0 0	0.0	
VMP-45-10	10/24/2017	0921	-0 21	-0.17	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-45-10	11/28/2017	836	-0.11	0 00	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-45-10	12/19/2017	0827	-0 20	-0.18	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-45-10	1/18/2018	1103	0 00	0 00	0.0	0	0.1	20.7	0 2	0 0	0 0	0.0	
VMP-45-10	2/21/2018	1539	0 00	0 00	0.0	0	0.0	20.9	0.7	0 0	0 0	0.0	
VMP-45-10	3/14/2018	1434	0 00	0 00	0.0	0	0.1	20.7	0.1	0 0	0 0	0.0	
VMP-45-10	4/25/2018	1013	0 00	0 00	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-45-10	5/30/2018	0848	0 00	0 00	0.0	0	0.4	20.3	0.1	0 0	0 0	0.0	
VMP-45-10	6/20/2018	0808	-0.14	-0 09	0.0	0	0.6	19.9	0.4	0 0	0 0	0.0	
VMP-45-20	7/18/2017	0849	0 00	0 00	0.0	0	0.2	20.7	0.1	0 0	0 0	0.0	
VMP-45-20	8/17/2017	1042	-0.14	0 00	0.0	0	0.2	20.7	0.4	0 0	0 0	0.0	
VMP-45-20	9/14/2017	0820	-0.18	0 00	0.0	0	0.2	20.6	0 2	0 0	0 0	0.0	
VMP-45-20	10/24/2017	0922	-0 21	-0.18	0.0	0	0.2	20.7	0.1	0 0	0 0	0.0	
VMP-45-20	11/28/2017	837	-0.10	0 00	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-45-20	12/19/2017	0828	-0 21	-0 20	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-45-20	1/18/2018	1104	0 00	0 00	0.0	0	0.4	20.4	0.1	0 0	0 0	0.0	
VMP-45-20	2/21/2018	1540	0 00	0 00	0.0	0	0.1	20.8	0 3	0 0	0 0	0.0	
VMP-45-20	3/14/2018	1435	0 00	0 00	0.0	0	0.3	20.5	0.1	0 0	0 0	0.0	
VMP-45-20	4/25/2018	1014	0 00	0 00	0.0	0	0.2	20.7	0.1	0 0	0 0	0.0	
VMP-45-20	5/30/2018	0849	0 00	0 00	0.0	0	0.5	20.4	0.1	0 0	0 0	0.0	
VMP-45-20	6/20/2018	0809	-0.15	0 00	0.0	0	0.7	19.7	0 5	0 0	0 0	0.0	

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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-45-30	7/18/2017	0850	-0 50	0 00	0.0	0	0.7	20.1	0 2	0 0	0 0	0.0	
VMP-45-30	8/17/2017	1043	-0 53	-0.44	0.0	0	0.8	20.2	0 5	0 0	0 0	0.0	
VMP-45-30-Dup	8/17/2017	1043	NM	NM	0.0	0	0.8	20.2	0 5	0 0	0 0	0.0	Duplicate sample.
VMP-45-30	9/14/2017	0821	-0 53	-0.43	0.0	0	0.8	20.1	0.4	0 0	0 0	0.0	
VMP-45-30	10/24/2017	0923	-0 59	-0 53	0.0	0	0.7	20.2	0 0	0 0	0 0	0.0	
VMP-45-30	11/28/2017	838	-0.44	-0 31	0.0	0	0.5	20.4	0 0	0 0	0 0	0.0	
VMP-45-30	12/19/2017	0829	-0 56	-0 51	0.0	0	0.4	20.6	0.1	0 0	0 0	0.0	
VMP-45-30-Dup	12/19/2017	0829	NM	NM	0.0	0	0.4	20.6	0.1	0 0	0 0	0.0	Duplicate sample.
VMP-45-30	1/18/2018	1105	0 00	0.11	0.0	0	1.0	19.5	0.1	0 0	0 0	0.0	
VMP-45-30	2/21/2018	1541	0 00	-0.15	0.0	0	0.6	20.4	0 3	0 0	0 0	0.0	
VMP-45-30	3/14/2018	1436	0 00	0 00	0.0	0	0.5	20.3	0 0	0 0	0 0	0.0	
VMP-45-30	4/25/2018	1015	-0 23	-0.13	0.0	0	0.5	20.3	0 2	0 0	0 0	0.0	
VMP-45-30	5/30/2018	0850	0 00	-0 22	0.0	0	0.8	19.7	0.1	0 0	0 0	0.0	
VMP-45-30	6/20/2018	0810	-0.14	0 00	0.0	0	1.3	19.0	0.4	0 0	0 0	0.0	
VMP-45-30-Dup	6/20/2018	0810	NM	NM	0.0	0	1.3	19.0	0 5	0 0	0 0	0.0	Duplicate sample.
VMP-46-10	7/17/2017	1144	0 00	-0.15	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-46-10	8/16/2017	1139	0 00	0 00	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-46-10	9/13/2017	0920	0 00	0 00	0.0	0	0.0	20.9	0 6	0 0	0 0	0.0	
VMP-46-10	10/23/2017	0940	-0.19	0 00	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-46-10	11/27/2017	0935	-0.12	-0 09	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-46-10	12/18/2017	1020	0 21	0 00	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-46-10	1/19/2018	0925	0 00	0 00	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-46-10	2/22/2018	0910	-0 25	-0.11	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-46-10	3/14/2018	1003	-0.11	0 00	0.0	0	0.0	20.9	0 9	0 0	0 0	0.0	
VMP-46-10	4/24/2018	1241	-0.12	0 00	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-46-10	5/29/2018	0917	0 00	-0 09	0.0	0	0.0	20.9	0.1	0.7	0.7	0.0	
VMP-46-10	6/19/2018	0930	0 00	0 00	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-46-20	7/17/2017	1146	0 00	-0.15	0.0	0	0.0	20.9	0.4	0 2	0 0	0.2	
VMP-46-20	8/16/2017	1140	0 00	0 00	0.0	0	0.0	20.9	0 6	0 0	0 0	0.0	
VMP-46-20	9/13/2017	0922	-0.11	0 00	0.0	0	0.0	20.9	0.7	0 0	0 0	0.0	
VMP-46-20	10/23/2017	0942	-0.14	0 00	0.0	0	0.2	20.6	0.1	0 0	0 0	0.0	
VMP-46-20	11/27/2017	0936	-0.13	-0.17	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-46-20	12/18/2017	1021	0 00	0 00	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-46-20	1/19/2018	0926	0 00	0 00	0.0	0	0.1	20.8	0 5	2 2	0 0	2.2	
VMP-46-20	2/22/2018	0911	-0 30	0.16	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-46-20	3/14/2018	1005	-0.10	0 00	0.0	0	0.0	20.9	0 9	0 0	0 0	0.0	
VMP-46-20	4/24/2018	1243	-0.10	-0 09	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-46-20	5/29/2018	0918	-0.17	-0.17	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-46-20	6/19/2018	0931	0 00	0 00	0.0	0	0.0	20.9	0 6	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-46-30	7/17/2017	1148	-0.17	-0 23	0.0	0	0.4	20.5	0.7	0 0	0 0	0.0	
VMP-46-30-Dup	7/17/2017	1148	NM	NM	0.0	0	0.5	20.4	0.7	0 0	0 0	0.0	Duplicate sample.
VMP-46-30	8/16/2017	1141	-0.15	0 00	0.0	0	0.3	20.6	0.4	0 0	0 0	0.0	
VMP-46-30	9/13/2017	0924	-0 31	-0.17	0.0	0	0.5	20.3	0.7	0 0	0 0	0.0	
VMP-46-30	10/23/2017	0944	-0 34	-0.17	0.0	0	1.0	19.9	0.4	0 0	0 0	0.0	
VMP-46-30	11/27/2017	0937	-0.17	-0.14	0.0	0	0.5	20.5	0 6	0 0	0 0	0.0	
VMP-46-30-Dup	11/27/2017	0937	NM	NM	0.0	0	0.5	20.5	0 6	0 0	0 0	0.0	Duplicate sample.
VMP-46-30	12/18/2017	1022	0 00	0 00	0.0	0	0.3	20.6	0 5	0 0	0 0	0.0	
VMP-46-30	1/19/2018	0927	0 00	0 00	0.0	0	0.6	20.3	0 3	2 6	0 0	2.6	
VMP-46-30	2/22/2018	0912	-0.17	-0 24	0.0	0	0.3	20.6	0 3	0 0	0 0	0.0	
VMP-46-30	3/14/2018	1007	-0.17	0 00	0.0	0	0.1	20.8	0.7	0 0	0 0	0.0	
VMP-46-30	4/24/2018	1245	-0 24	-0.18	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-46-30	5/29/2018	0919	-0 20	-0 20	0.0	0	0.3	20.6	0.1	0 0	0 0	0.0	
VMP-46-30	6/19/2018	0932	0 00	0 00	0.0	0	0.2	20.4	0 3	0 0	0 0	0.0	
VMP-47-5	7/17/2017	1545	0 00	-0.12	0.0	0	1.1	19.9	0 2	0 0	0 0	0.0	
VMP-47-5	8/17/2017	0837	0 00	0 00	0.0	0	0.5	20.3	0 3	0 0	0 0	0.0	
VMP-47-5	9/14/2017	0901	0 00	0 00	0.0	0	0.2	20.6	0 6	0 0	0 0	0.0	
VMP-47-5	10/24/2017	0950	0 00	0 00	0.0	0	0.3	20.6	0 2	0 0	0 0	0.0	
VMP-47-5	11/28/2017	804	-0.12	-0 38	0.0	0	0.1	20.7	0 3	0 0	0 0	0.0	
VMP-47-5	12/19/2017	0836	0 00	-0 24	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-47-5	1/19/2018	1108	0 00	0 00	0.0	0	0.2	20.7	0 2	0 0	0 0	0.0	
VMP-47-5	2/22/2018	1556	-0.18	-0.12	0.0	0	0.4	20.4	0 0	0 0	0 0	0.0	
VMP-47-5	3/15/2018	1017	0 00	0 00	0.0	0	0.0	20.9	0 9	0 0	0 0	0.0	
VMP-47-5	4/25/2018	0906	-0.12	-0 09	0.0	0	0.3	20.6	0 3	0 0	0 0	0.0	
VMP-47-5	5/30/2018	0847	-0 09	0 00	0.0	0	1.4	19.8	0 2	0 0	0 0	0.0	
VMP-47-5	6/19/2018	1521	-0.12	-0.17	0.0	0	1.1	20.0	0 2	0 0	0 0	0.0	
VMP-47-10	7/17/2017	1547	-0 23	-0 29	0.0	0	0.9	20.0	0 5	0 0	0 0	0.0	
VMP-47-10	8/17/2017	0838	-0 21	-0 22	0.0	0	0.9	20.1	0.4	0 0	0 0	0.0	
VMP-47-10	9/14/2017	0903	-0.18	-0.17	0.0	0	0.7	20.1	0 6	0 0	0 0	0.0	
VMP-47-10	10/24/2017	0952	-0.19	-0.18	0.0	0	0.8	20.2	0 2	0 0	0 0	0.0	
VMP-47-10	11/28/2017	805	-0 26	-0.11	0.0	0	0.4	20.5	0 3	0 0	0 0	0.0	
VMP-47-10	12/19/2017	0837	-0.16	-0.14	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-47-10	1/19/2018	1109	0 00	-0 09	0.0	0	0.4	20.6	0.1	0 0	0 0	0.0	
VMP-47-10	2/22/2018	1557	-0 24	-0.15	0.0	0	0.3	20.5	0 0	0 0	0 0	0.0	
VMP-47-10	3/15/2018	1018	-0.17	-0.17	0.0	0	0.4	20.5	0 5	0 0	0 0	0.0	
VMP-47-10	4/25/2018	0908	-0 32	-0 32	0.0	0	0.3	20.6	0 2	0 0	0 0	0.0	
VMP-47-10	5/30/2018	0848	-0 30	-0 30	0.0	0	0.9	20.1	0.1	0 0	0 0	0.0	
VMP-47-10	6/19/2018	1522	-0 29	-0 32	0.0	0	1.1	20.0	0 3	0 0	0 0	0.0	
VMP-47-20	7/17/2017	1549	-2.73	-2.78	0.0	0	1.1	19.9	0 6	0 0	0 0	0.0	
VMP-47-20	8/17/2017	0839	-2 99	-2 98	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-47-20	9/14/2017	0905	-3 01	-2 92	0.0	0	0.6	20.2	0 8	0 0	0 0	0.0	
VMP-47-20	10/24/2017	0954	-2 95	-2 88	0.0	0	0.7	20.3	0 2	0 0	0 0	0.0	
VMP-47-20	11/28/2017	806	-2 62	-2 50	0.0	0	0.3	20.6	0 2	0 0	0 0	0.0	
VMP-47-20-Dup	11/28/2017	806	NM	NM	0.0	0	0.3	20.5	0 2	0 0	0 0	0.0	Duplicate sample.
VMP-47-20	12/19/2017	1406	-2 34	-2 29	0.0	0	0.3	20.6	0.1	0 0	0 0	0.0	
VMP-47-20	1/19/2018	1110	-1 57	-1.49	0.0	0	0.3	20.6	0.1	0 0	0 0	0.0	
VMP-47-20	2/22/2018	1558	-2 59	-2 23	0.0	0	0.2	20.6	0 0	0 0	0 0	0.0	
VMP-47-20	3/15/2018	1019	-2 67	-2 59	0.0	0	0.3	20.7	0 0	0 0	0 0	0.0	
VMP-47-20	4/25/2018	0910	-3.14	-3 28	0.0	0	0.3	20.7	0 2	0 0	0 0	0.0	
VMP-47-20	5/30/2018	0849	-3 09	-3.11	0.0	0	0.8	20.2	0.4	0 0	0 0	0.0	
VMP-47-20	6/19/2018	1523	-2 66	-2 69	0.0	0	0.9	20.1	0 2	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-47-30	7/17/2017	1551	-3.71	-3.73	0.0	0	1.2	19.7	0.1	0 0	0 0	0.0	
VMP-47-30	8/17/2017	0840	-4.16	-4 08	0.0	0	1.2	19.8	0.1	0 0	0 0	0.0	
VMP-47-30	9/14/2017	0907	-4 20	-4.11	0.0	0	1.3	19.6	1 0	0 0	0 0	0.0	
VMP-47-30-Dup	9/14/2017	0907	NM	NM	0.0	0	1.3	19.6	1 0	0 0	0 0	0.0	Duplicate sample.
VMP-47-30	10/24/2017	0956	-4 05	-4 01	0.0	0	1.3	19.7	0.1	0 0	0 0	0.0	
VMP-47-30	11/28/2017	807	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-47-30	12/19/2017	1407	-3 39	-3.16	0.0	0	0.7	20.3	0 0	0 0	0 0	0.0	
VMP-47-30	1/19/2018	1111	-2 23	-2.10	0.0	0	0.8	20.2	0 5	0 0	0 0	0.0	
VMP-47-30	2/22/2018	1559	-3 68	-3.13	0.0	0	0.6	20.2	0.1	0 0	0 0	0.0	
VMP-47-30	3/15/2018	1020	-3 38	-3 50	0.0	0	0.5	20.4	0 2	0 0	0 0	0.0	
VMP-47-30	4/25/2018	0912	-4.19	-4 35	0.0	0	0.4	20.5	0 2	0 0	0 0	0.0	
VMP-47-30	5/30/2018	0850	-4.11	-4.16	0.0	0	0.7	20.2	0 3	0 0	0 0	0.0	
VMP-47-30	6/19/2018	1524	-2 95	-3 58	0.0	0	1.2	19.6	0 3	0 0	0 0	0.0	
VMP-48-5	7/18/2017	0945	0 00	0 00	0.0	0	5.6	15.2	0.1	0 0	0 0	0.0	
VMP-48-5	8/17/2017	1037	0 00	0 00	0.0	0	3.1	17.6	0 5	0 0	0 0	0.0	
VMP-48-5	9/14/2017	1006	0 00	0 00	0.0	0	4.1	17.7	0 2	0 0	0 0	0.0	
VMP-48-5	10/24/2017	1046	0 00	0 00	0.0	0	2.2	18.1	0 2	0 0	0 0	0.0	
VMP-48-5	11/28/2017	915	0 00	0 00	0.0	0	1.2	20.0	0 0	0 0	0 0	0.0	
VMP-48-5	12/19/2017	0934	0 00	0 00	0.0	0	0.9	20.2	0 3	0 0	0 0	0.0	
VMP-48-5	1/19/2018	1011	0 00	0 00	0.0	0	1.1	19.9	0 3	0 0	0 0	0.0	
VMP-48-5	2/22/2018	1431	0 00	0 00	0.0	0	0.5	19.5	0 3	0 0	0 0	0.0	
VMP-48-5	3/15/2018	1252	0 00	0 00	0.0	0	0.6	19.5	0 3	0 0	0 0	0.0	
VMP-48-5	4/25/2018	1039	0 00	0 00	0.0	0	1.1	19.0	0 2	0 0	0 0	0.0	
VMP-48-5	5/30/2018	0948	-0.15	0 00	0.0	0	3.5	14.4	0 6	0 0	0 0	0.0	
VMP-48-5	6/20/2018	0823	0 00	0 00	0.0	0	5.1	14.0	0 5	0 0	0 0	0.0	
VMP-48-10	7/18/2017	0947	0 00	0 00	0.0	0	4.1	16.1	0 0	0 0	0 0	0.0	
VMP-48-10	8/17/2017	1038	0 00	0 00	0.0	0	5.2	15.2	0 2	0 0	0 0	0.0	
VMP-48-10	9/14/2017	1008	0 00	0 00	0.0	0	5.6	15.8	0.4	0 0	0 0	0.0	
VMP-48-10	10/24/2017	1048	0 00	0 00	0.0	0	5.5	16.1	0 3	0 0	0 0	0.0	
VMP-48-10	11/28/2017	916	-0 34	-0.15	0.0	0	4.5	17.3	0.1	0 0	0 0	0.0	
VMP-48-10	12/19/2017	0935	0 00	0 00	0.0	0	4.0	18.0	0 2	0 0	0 0	0.0	
VMP-48-10	1/19/2018	1012	0 00	0 00	0.0	0	4.0	18.1	0 2	0 0	0 0	0.0	
VMP-48-10	2/22/2018	1432	0 00	0 00	0.0	0	2.9	18.7	0 0	0 0	0 0	0.0	
VMP-48-10	3/15/2018	1253	0 00	0 00	0.0	0	2.4	18.8	0.4	0 0	0 0	0.0	
VMP-48-10	4/25/2018	1041	0 00	0 00	0.0	0	1.8	18.9	0 2	0 0	0 0	0.0	
VMP-48-10	5/30/2018	0949	0 00	0 00	0.0	0	2.5	18.1	0 5	0 0	0 0	0.0	
VMP-48-10	6/20/2018	0824	0 00	-0.46	0.0	0	3.4	16.6	0 5	0 0	0 0	0.0	
VMP-48-20	7/18/2017	0948	-0 69	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	8/17/2017	1039	0 00	0 00	0.0	0	4.2	15.9	0 3	0 0	0 0	0.0	
VMP-48-20	9/14/2017	1010	0 00	0 00	0.0	0	4.9	15.8	0 3	0 0	0 0	0.0	
VMP-48-20	10/24/2017	1050	0 00	0 00	0.0	0	5.5	16.0	0.1	0 0	0 0	0.0	
VMP-48-20	11/28/2017	917	0 00	-0 20	0.0	0	5.0	16.8	0 5	0 0	0 0	0.0	
VMP-48-20	12/19/2017	1346	-0 26	-0.15	0.0	0	4.9	17.0	0 2	0 0	0 0	0.0	
VMP-48-20	1/19/2018	1013	-0 21	-0 20	0.0	0	4.4	17.9	0 2	0 0	0 0	0.0	
VMP-48-20	2/22/2018	1433	0 00	0 00	0.0	0	3.7	18.3	0.1	0 0	0 0	0.0	
VMP-48-20	3/15/2018	1254	-0.12	0 00	0.0	0	3.2	18.4	0 8	0 0	0 0	0.0	
VMP-48-20	4/25/2018	1043	0 00	0 00	0.0	0	2.4	18.9	0 3	0 0	0 0	0.0	
VMP-48-20	5/30/2018	0950	0 00	0 00	0.0	0	2.4	18.8	0 5	0 0	0 0	0.0	
VMP-48-20	6/20/2018	0825	0 00	-0 20	0.0	0	2.5	17.7	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-48-30	7/18/2017	0949	-0 31	-0.15	0.0	0	6.8	15.5	0 0	0 0	0 0	0.0	
VMP-48-30	8/17/2017	1040	-0 27	-0.12	0.0	0	7.0	15.2	0 6	0 0	0 0	0.0	
VMP-48-30	9/14/2017	1012	-0 25	-0.14	0.0	0	7.0	15.3	0.1	0 0	0 0	0.0	
VMP-48-30-Dup	9/14/2017	1012	NM	NM	0.0	0	7.2	15.2	0.1	0 0	0 0	0.0	Duplicate sample.
VMP-48-30	10/24/2017	1052	-0 32	-0.43	0.0	0	7.2	14.9	0 2	0 0	0 0	0.0	
VMP-48-30	11/28/2017	918	-0 20	-0 22	0.0	0	7.2	14.9	0 0	0 0	0 0	0.0	
VMP-48-30	12/19/2017	1347	0 00	0 00	0.0	0	7.4	14.8	0.1	0 0	0 0	0.0	
VMP-48-30	1/19/2018	1014	-0.12	0.16	0.0	0	7.6	14.8	0.1	0 0	0 0	0.0	
VMP-48-30	2/22/2018	1434	-0 24	-0 38	0.0	0	7.5	14.7	0 0	0 0	0 0	0.0	
VMP-48-30-Dup	2/22/2018	1434	NM	NM	0.0	0	7.6	14.6	0 0	0 0	0 0	0.0	Duplicate sample.
VMP-48-30	3/15/2018	1255	-0.11	0 00	0.0	0	7.9	14.5	0.4	0 0	0 0	0.0	
VMP-48-30	4/25/2018	1045	-0 31	-0 28	0.0	0	7.5	15.3	0 0	0 0	0 0	0.0	
VMP-48-30	5/30/2018	0951	-0 21	-0.18	0.0	0	7.5	16.1	0 6	0 0	0 0	0.0	
VMP-48-30	6/20/2018	0826	-0 22	-0 52	0.0	0	7.3	15.8	0 5	0 0	0 0	0.0	
VMP-48-30-Dup	6/20/2018	0826	NM	NM	0.0	0	7.2	15.9	0.4	0 0	0 0	0.0	Duplicate sample.
VMP-49-5	7/18/2017	1108	-1.42	-1.40	0.0	0	0.7	20.3	0.1	0 0	0 0	0.0	
VMP-49-5	8/17/2017	1217	-1 25	-1 27	0.0	0	0.5	20.4	0.4	0 0	0 0	0.0	
VMP-49-5	9/14/2017	1142	-1 09	-1 07	0.0	0	0.4	20.5	0 3	0 0	0 0	0.0	
VMP-49-5	10/24/2017	1259	-1 05	-0 53	0.0	0	0.3	20.5	0 3	0 0	0 0	0.0	
VMP-49-5	11/28/2017	1241	-0.74	-0 86	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-49-5	12/19/2017	1124	-0 58	-0 51	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-49-5	1/19/2018	0823	-0 36	-0 63	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-49-5	2/22/2018	1412	-0 87	-1 04	0.0	0	0.1	20.8	0 3	0 0	0 0	0.0	
VMP-49-5	3/15/2018	1052	-1.10	-1.16	0.0	0	0.1	20.8	0.4	0 0	0 0	0.0	
VMP-49-5	4/25/2018	1320	-1.49	-1.49	0.0	0	0.2	20.7	0 3	0 0	0 0	0.0	
VMP-49-5	5/30/2018	1116	-1 50	-1.44	0.0	0	0.6	20.4	0 2	0 0	0 0	0.0	
VMP-49-5	6/20/2018	0926	-1 67	-1 64	0.0	0	0.6	20.3	0 3	0 0	0 0	0.0	
VMP-49-10	7/18/2017	1110	-0 67	-0 22	0.0	0	0.9	20.1	0.1	0 0	0 0	0.0	
VMP-49-10	8/17/2017	1218	-0 61	0 00	0.0	0	1.3	19.6	0 5	0 0	0 0	0.0	
VMP-49-10	9/14/2017	1144	-0 60	-0.79	0.0	0	0.7	20.2	0.1	0 0	0 0	0.0	
VMP-49-10	10/24/2017	1301	-0 61	-0 60	0.0	0	0.3	20.5	0 3	0 0	0 0	0.0	
VMP-49-10	11/28/2017	1242	-0 39	-0.44	0.0	0	0.1	2.1	0 2	0 0	0 0	0.0	
VMP-49-10	12/19/2017	1125	-0 28	-0 29	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-49-10	1/19/2018	0824	-0 21	-0.19	0.0	0	0.2	20.8	0.1	0 0	0 0	0.0	
VMP-49-10	2/22/2018	1413	-0 63	-0.70	0.0	0	0.1	20.7	0 3	0 0	0 0	0.0	
VMP-49-10	3/15/2018	1053	-0.79	-0 82	0.0	0	0.1	20.8	0.7	0 0	0 0	0.0	
VMP-49-10	4/25/2018	1322	-1 03	-1 05	0.0	0	0.5	20.3	0 2	0 0	0 0	0.0	
VMP-49-10	5/30/2018	1117	-1 02	-1 05	0.0	0	1.2	19.7	0.4	0 0	0 0	0.0	
VMP-49-10	6/20/2018	0927	-0.47	-1.13	0.0	0	1.1	19.8	0 6	0 0	0 0	0.0	
VMP-49-20	7/18/2017	1112	0 00	0 00	0.0	0	1.6	19.4	0 0	0 0	0 0	0.0	
VMP-49-20	8/17/2017	1219	0 00	0 00	0.0	0	1.2	19.6	0.4	0 0	0 0	0.0	
VMP-49-20	9/14/2017	1146	0 00	0 00	0.0	0	0.6	20.3	0 2	0 0	0 0	0.0	
VMP-49-20	10/24/2017	1303	0 00	-0.10	0.0	0	0.1	20.7	0 2	0 0	0 0	0.0	
VMP-49-20	11/28/2017	1243	0 00	0 00	0.0	0	0.1	20.8	0 3	1.1	1.1	0.0	
VMP-49-20	12/19/2017	1126	0 00	0 00	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-49-20	1/19/2018	0825	0 00	0 00	0.0	0	0.1	20.9	0 0	0 0	0 0	0.0	
VMP-49-20	2/22/2018	1414	0 00	0 00	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-49-20	3/15/2018	1054	0 00	0 00	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-49-20	4/25/2018	1324	0 00	0 00	0.0	0	0.3	20.5	0 3	0 0	0 0	0.0	
VMP-49-20	5/30/2018	1118	0 00	0 00	0.0	0	1.1	19.8	0 2	0 0	0 0	0.0	
VMP-49-20	6/20/2018	0928	0 00	0 00	0.0	0	1.4	19.5	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-49-30	7/18/2017	1114	-8 52	-8.45	0.0	0	9.5	11.9	0 2	0 0	0 0	0.0	
VMP-49-30	8/17/2017	1220	-8.40	-8.18	0.0	0	5.5	15.6	0 2	0 0	0 0	0.0	
VMP-49-30	9/14/2017	1148	-8.47	-8 36	0.0	0	9.0	11.7	0.7	0 0	0 0	0.0	
VMP-49-30	10/24/2017	1305	-9 26	-9.16	0.0	0	10.1	9 8	0.1	0 0	0 0	0.0	
VMP-49-30	11/28/2017	1244	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-49-30	12/19/2017	1339	-5.47	-4.76	0.0	0	8.8	12.0	0.7	0 0	0 0	0.0	
VMP-49-30	1/19/2018	0826	-5.14	-6 55	0.0	0	8.5	13.6	0 2	0 0	0 0	0.0	
VMP-49-30-Dup	1/19/2018	0826	NM	NM	0.0	0	8.8	13.3	0 2	0 0	0 0	0.0	Duplicate sample.
VMP-49-30	2/22/2018	1415	-8 37	-8 94	0.0	0	9.9	11.6	0.1	0 0	0 0	0.0	
VMP-49-30	3/15/2018	1055	-9 91	-9 93	0.0	0	9.8	12.5	0 5	0 0	0 0	0.0	
VMP-49-30	4/25/2018	1326	-10.70	-10.69	0.0	0	8.5	14.7	0 2	0 0	0 0	0.0	
VMP-49-30	5/30/2018	1119	-10.25	-10.15	0.0	0	8.6	18.3	0 2	0 0	0 0	0.0	
VMP-49-30	6/20/2018	0929	-11.30	-10.85	0.0	0	8.9	12.7	0.4	0 0	0 0	0.0	
VMP-50-5	7/18/2017	1026	0 00	0 00	0.0	0	6.9	12.2	0 0	0 0	0 0	0.0	
VMP-50-5	8/17/2017	1306	0 00	0 00	0.0	0	7.4	11.8	0.4	0 0	0 0	0.0	
VMP-50-5	9/14/2017	1032	0 00	0 00	0.0	0	6.9	11.8	0.4	0 0	0 0	0.0	
VMP-50-5	10/24/2017	1318	0 00	0 00	0.0	0	5.6	13.7	0.1	0 0	0 0	0.0	
VMP-50-5	11/28/2017	1241	0 00	0 00	0.0	0	2.7	17.9	0.1	0 0	0 0	0.0	
VMP-50-5	12/19/2017	1047	0 00	0 00	0.0	0	1.8	19.1	0.1	0 0	0 0	0.0	
VMP-50-5	1/18/2018	1513	0 00	0 00	0.0	0	1.3	19.5	0 0	379	368	11.0	Re-sampled due to elevated methane.
VMP-50-5	1/19/2018	1457	0 00	NM	0.0	0	1.2	19.6	0 2	363	363	0.0	Re-sample.
VMP-50-5	2/22/2018	1017	0 00	0 00	0.0	0	0.1	20.8	0 3	46.7	42.1	4.6	Re-sampled due to elevated oxygen.
VMP-50-5	2/22/2018	1616	0 00	NM	0.0	0	1.0	19.1	0 2	39.5	39.5	0.0	Re-sample.
VMP-50-5	3/15/2018	0859	0 00	0 00	0.0	0	0.8	19.9	0.4	0 0	0 0	0.0	
VMP-50-5	4/11/2018	1220	0 00	NM	4.4	89	3.0	8 0	0 3	57230	52390	4840	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-50-5	4/24/2018	0925	0 00	0 00	14 9	OVR	5.6	4 8	0 0	196000	183000	13000	
VMP-50-5	4/30/2018	1612	0 00	NM	11.4	OVR	7.6	1.4	0 0	181000	169000	12000	
VMP-50-5	5/30/2018	1040	0 00	0 00	29 0	OVR	10 5	0.7	0 5	267000	267000	0.0	
VMP-50-5	6/8/2018	1135	0 00	NM	0.2	5	11 9	1 8	6.7	2130	2130	0.0	
VMP-50-5	6/20/2018	0957	0 00	0 00	0.0	0	12 8	4 0	0 5	0 0	0 0	0.0	
VMP-50-10	7/18/2017	1027	0 00	0 00	0.0	0	5.1	13.8	0.4	0 0	0 0	0.0	
VMP-50-10	8/17/2017	1307	0 00	0 00	0.0	0	5.7	13.3	1.1	0 0	0 0	0.0	
VMP-50-10	9/14/2017	1033	0 00	0 00	0.0	0	6.4	12.6	0 2	0 0	0 0	0.0	
VMP-50-10	10/24/2017	1319	0 00	0 00	0.0	0	6.5	13.2	0.1	0 0	0 0	0.0	
VMP-50-10	11/28/2017	1242	0 00	0 00	0.0	0	4.8	15.8	0 0	0 0	0 0	0.0	
VMP-50-10	12/19/2017	1048	0 00	0 00	0.0	0	4.0	17.0	0 2	0 0	0 0	0.0	
VMP-50-10	1/18/2018	1514	0 00	0 00	0.0	0	3.3	18.1	0.1	7 6	7 6	0.0	Re-sampled due to elevated methane.
VMP-50-10	1/19/2018	1458	0 00	NM	0.0	0	3.1	18.0	0 3	11.1	11.1	0.0	Re-sample.
VMP-50-10	2/22/2018	1018	0 00	0 00	0.0	0	2.2	19.1	0.1	0 0	0 0	0.0	
VMP-50-10	3/15/2018	0900	0 00	0 00	0.0	0	2.2	18.7	0.1	0 0	0 0	0.0	
VMP-50-10	4/11/2018	1221	0 00	NM	0.1	2	2.2	18.2	2 8	834	834	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-50-10	4/24/2018	0926	0 00	0 00	2.7	54	61 0	5 0	0.1	36560	34510	2050	
VMP-50-10	4/30/2018	1613	0 00	NM	0.6	13	5.7	6 3	0 3	7170	6780	390	
VMP-50-10	5/30/2018	1041	0 00	0 00	6.0	OVR	9.6	1 8	0 5	55220	55220	0.0	
VMP-50-10	6/8/2018	1127	0 00	NM	0.0	1	10 0	3 0	4.1	1010	1010	0.0	
VMP-50-10	6/20/2018	0958	0 00	0 00	0.0	0	10 0	6.1	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-50-20	7/18/2017	1028	-0 32	-4 90	0.0	0	4.0	16.2	0 2	0 0	0 0	0.0	
VMP-50-20	8/17/2017	1308	0 00	-0 90	0.0	0	4.6	15.3	0 6	0 0	0 0	0.0	
VMP-50-20	9/14/2017	1034	0 00	0 00	0.0	0	5.1	14.7	0 2	0 0	0 0	0.0	
VMP-50-20	10/24/2017	1320	-0.14	-0.18	0.0	0	5.9	14.6	0 2	0 0	0 0	0.0	
VMP-50-20	11/28/2017	1243	0 00	0 00	0.0	0	5.9	15.2	0.1	0 0	0 0	0.0	
VMP-50-20	12/19/2017	1049	0 00	0 00	0.0	0	5.7	15.8	0 2	0 0	0 0	0.0	
VMP-50-20	1/18/2018	1515	0 00	0 00	0.0	0	6.1	15.2	0.1	0 0	0 0	0.0	Re-sampled due to elevated methane at other depths.
VMP-50-20	1/19/2018	1459	0 00	NM	0.0	0	5.8	14.9	0.1	0 0	0 0	0.0	Re-sample.
VMP-50-20	2/22/2018	1019	-0 21	-0.10	0.0	0	4.5	17.2	0 3	0 0	0 0	0.0	
VMP-50-20	3/15/2018	0901	-0.13	-0.12	0.0	0	4.3	17.5	0.4	0 0	0 0	0.0	
VMP-50-20	4/11/2018	1222	0.18	NM	29 2	OVR	7.5	11.3	711	13970	292	13678	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-50-20	4/24/2018	0927	-0 32	-0 23	0.3	7	3.8	14.8	0.4	2776	2776	0.0	
VMP-50-20	4/30/2018	1614	-0.10	NM	0.0	1	3.7	15.5	0 2	574	574	0.0	
VMP-50-20	5/30/2018	1042	-0 25	-0 30	0.0	2	4.7	12.7	0.1	1704	1704	0.0	
VMP-50-20	6/8/2018	1132	0 00	NM	0.0	0	5.3	11.7	4 2	61.2	61.2	0.0	
VMP-50-20	6/20/2018	0959	-0.17	-0 26	0.0	0	5.2	11.7	0.4	0 0	0 0	0.0	
VMP-50-30	7/18/2017	1029	-4 64	-4 54	0.1	2	1.7	19.3	23.2	106	12.8	93.2	
VMP-50-30	8/17/2017	1309	-4.13	-4.13	0.1	2	2.1	18.8	24.5	136	16.3	120	
VMP-50-30	9/14/2017	1035	-4 06	-4 02	0.1	1	2.0	19.2	44.0	99.3	15.9	83.4	
VMP-50-30-Dup	9/14/2017	1035	NM	NM	0.1	2	2.2	19.0	44.0	152	17.7	134	Duplicate sample.
VMP-50-30	10/24/2017	1321	-4 60	-4 69	0.0	1	1.8	19.2	10.5	68.3	13.8	54.5	
VMP-50-30	11/28/2017	1244	-3.42	-3.45	0.0	1	1.6	19.6	14.3	88.0	2 8	85.2	
VMP-50-30	12/19/2017	1050	-3.70	-3 56	0.0	0	1.5	19.6	13.5	76.9	6.1	70.8	
VMP-50-30	1/18/2018	1516	-1 29	-1 38	0.1	3	3.1	16.6	29.9	302	52.4	250	Re-sampled due to elevated methane at other depths.
VMP-50-30	1/19/2018	1500	-1 28	NM	0.2	4	3.2	16.9	40.1	295	19.1	276	Re-sample.
VMP-50-30	2/22/2018	1020	-3 21	-3.18	0.0	1	1.3	19.9	10.3	91.2	7.1	84.1	
VMP-50-30	3/15/2018	0902	-3 57	-3 53	0.1	2	1.7	19.3	12.5	124	2 3	122	
VMP-50-30	4/11/2018	1223	-0 09	NM	0.3	6	1.5	18.5	49.6	338	8.1	330	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-50-30	4/24/2018	0929	-3 82	-3 63	0.0	1	1.1	19.8	10.1	61.4	35.4	26.0	
VMP-50-30	4/30/2018	1615	-2 63	NM	0.0	1	1.2	19.1	11.5	106	42.6	63.4	
VMP-50-30	5/30/2018	1043	-3.42	-3 52	0.0	1	1.6	18.7	8 3	65.3	30.3	35.0	
VMP-50-30	6/8/2018	1122	-3 31	NM	0.1	2	1.7	18.6	18.7	113	7.1	106	
VMP-50-30	6/20/2018	1000	-3 57	-3 65	0.1	2	2.0	18.4	15.3	114	3.4	111	
VMP-51-5	7/18/2017	0913	0 00	0 00	0.0	0	0.7	20.2	0 0	0 0	0 0	0.0	
VMP-51-5	8/17/2017	1100	0 00	0 00	0.0	0	0.6	20.2	0.4	0 0	0 0	0.0	
VMP-51-5	9/14/2017	0851	0 00	0 00	0.0	0	0.5	20.4	0.7	0 0	0 0	0.0	
VMP-51-5	10/24/2017	1015	-0 09	-0 09	0.0	0	0.3	20.4	0.4	0 0	0 0	0.0	
VMP-51-5	11/28/2017	909	0 00	0 00	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-51-5	12/19/2017	0858	-0.13	-0.12	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-51-5	1/18/2018	1428	0 00	0 00	0.0	0	0.1	20.7	0.1	0 0	0 0	0.0	
VMP-51-5	2/21/2018	1601	-0.16	0 00	0.0	0	0.2	20.4	0.4	0 0	0 0	0.0	
VMP-51-5	3/15/2018	0813	0 00	0 00	0.0	0	0.2	20.7	0 2	0 0	0 0	0.0	
VMP-51-5	4/25/2018	1106	0 00	0.15	0.0	0	0.4	20.5	0 2	0 0	0 0	0.0	
VMP-51-5	5/30/2018	0916	0 00	0 00	0.0	0	1.5	18.9	0 2	0 0	0 0	0.0	
VMP-51-5	6/20/2018	0831	-0.13	0 00	0.0	0	1.6	18.3	0 2	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-51-10	7/18/2017	0914	-0.17	-0.14	0.0	0	0.9	19.9	0 0	0 0	0 0	0.0	
VMP-51-10	8/17/2017	1101	-0.14	-0.10	0.0	0	1.0	19.9	0 3	0 0	0 0	0.0	
VMP-51-10	9/14/2017	0852	-0.16	-0.12	0.0	0	0.8	20.1	0 9	0 0	0 0	0.0	
VMP-51-10	10/24/2017	1016	-0.18	-0 23	0.0	0	0.5	20.2	0.1	0 0	0 0	0.0	
VMP-51-10-Dup	10/24/2017	1016	NM	NM	0.0	0	0.6	20.2	0.1	0 0	0 0	0.0	Duplicate sample.
VMP-51-10	11/28/2017	910	-0.10	-0.10	0.0	0	0.2	20.6	0 0	0 0	0 0	0.0	
VMP-51-10	12/19/2017	0859	-0 23	-0 24	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-51-10	1/18/2018	1429	0 00	0 00	0.0	0	0.2	20.6	0.1	0 0	0 0	0.0	
VMP-51-10	2/21/2018	1602	-0 20	-0 29	0.0	0	0.2	20.6	0 6	0 0	0 0	0.0	
VMP-51-10	3/15/2018	0814	0 00	0 00	0.0	0	0.3	20.7	0 3	0 0	0 0	0.0	
VMP-51-10	4/25/2018	1107	0 00	0 00	0.0	0	1.0	20.0	0 0	0 0	0 0	0.0	
VMP-51-10	5/30/2018	0917	-0.10	0 00	0.0	0	1.7	19.2	0.1	0 0	0 0	0.0	
VMP-51-10	6/20/2018	0832	-0 20	-0.10	0.0	0	1.9	18.9	0 3	0 0	0 0	0.0	
VMP-51-20	7/18/2017	0915	-0 50	-0.41	0.0	0	1.5	19.6	0 0	0 0	0 0	0.0	
VMP-51-20	8/17/2017	1102	-0 38	-0 34	0.0	0	1.7	19.6	0 2	0 0	0 0	0.0	
VMP-51-20	9/14/2017	0853	-0 39	-0 26	0.0	0	1.3	19.7	0 9	0 0	0 0	0.0	
VMP-51-20	10/24/2017	1017	-0 20	-0 28	0.0	0	0.8	20.2	0.1	0 0	0 0	0.0	
VMP-51-20	11/28/2017	911	-0 30	-0 32	0.0	0	0.6	20.3	0 0	0 0	0 0	0.0	
VMP-51-20	12/19/2017	0900	-0.43	-0.45	0.0	0	0.4	20.6	0.1	0 0	0 0	0.0	
VMP-51-20	1/18/2018	1430	0 00	0 00	0.0	0	0.7	20.0	0 0	0 0	0 0	0.0	
VMP-51-20	2/21/2018	1603	-0 34	-0 31	0.0	0	1.2	20.0	1 2	0 0	0 0	0.0	
VMP-51-20	3/15/2018	0815	0 00	-0.15	0.0	0	0.5	20.5	0.1	0 0	0 0	0.0	
VMP-51-20	4/25/2018	1108	-0.17	-0 22	0.0	0	0.5	20.1	1.4	0 0	0 0	0.0	
VMP-51-20	5/30/2018	0918	-0 36	-0 27	0.0	0	0.8	19.7	0.1	0 0	0 0	0.0	
VMP-51-20	6/20/2018	0832	-0.47	-0 24	0.0	0	1.3	18.9	0 3	0 0	0 0	0.0	
VMP-51-30	7/18/2017	0916	-0 60	-0.45	0.0	0	1.8	19.3	0 0	0 0	0 0	0.0	
VMP-51-30	8/17/2017	1103	-0.40	-0 35	0.0	0	1.8	19.4	0 3	0 0	0 0	0.0	
VMP-51-30-Dup	8/17/2017	1103	NM	NM	0.0	0	1.9	19.4	0 3	0 0	0 0	0.0	Duplicate sample.
VMP-51-30	9/14/2017	0854	-0.45	-0 38	0.0	0	1.9	19.2	0 3	0 0	0 0	0.0	
VMP-51-30	10/24/2017	1018	-0.40	-0.48	0.0	0	1.8	19.6	0.1	0 0	0 0	0.0	
VMP-51-30	11/28/2017	912	-0 30	-0 32	0.0	0	1.4	19.8	0.1	0 0	0 0	0.0	
VMP-51-30	12/19/2017	0901	-0.45	-0.47	0.0	0	1.1	20.0	0 2	0 0	0 0	0.0	
VMP-51-30	1/18/2018	1431	0 00	0 00	0.0	0	1.2	19.9	0 0	0 0	0 0	0.0	
VMP-51-30	2/21/2018	1604	-0 37	-0.15	0.0	0	0.6	20.4	1 2	0 0	0 0	0.0	
VMP-51-30	3/15/2018	0816	-0 21	-0 21	0.0	0	1.0	20.0	0.1	0 0	0 0	0.0	
VMP-51-30	4/25/2018	1109	-0.16	0.17	0.0	0	1.0	19.8	0 3	0 0	0 0	0.0	
VMP-51-30	5/30/2018	0919	-0 30	-0.19	0.0	0	1.1	19.7	0 2	0 0	0 0	0.0	
VMP-51-30	6/20/2018	0834	-0.41	-0 24	0.0	0	1.3	19.0	0 2	0 0	0 0	0.0	
VMP-52-5	7/18/2017	0813	0 00	0 00	0.0	0	4.2	17.2	0 0	0 0	0 0	0.0	
VMP-52-5	8/17/2017	0925	0 00	0 00	0.0	0	3.8	17.5	0 5	0 0	0 0	0.0	
VMP-52-5	9/13/2017	1446	0 00	0 00	0.0	0	1.8	19.8	0 2	0 0	0 0	0.0	
VMP-52-5	10/24/2017	0838	0 00	0 00	0.0	0	1.5	19.4	0 3	0 0	0 0	0.0	
VMP-52-5	11/28/2017	819	-0 34	-0 21	0.0	0	0.5	20.4	0 2	0 0	0 0	0.0	
VMP-52-5	12/18/2017	1430	-0.43	-0.40	0.0	0	0.4	20.5	0 2	0 0	0 0	0.0	
VMP-52-5	1/18/2018	1047	-0 35	-0 36	0.0	0	0.2	20.8	0.1	0 0	0 0	0.0	
VMP-52-5	2/21/2018	1506	-0 80	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-52-5	3/14/2018	1416	-1 04	-0 69	0.0	0	0.4	19.9	0.1	0 0	0 0	0.0	
VMP-52-5	4/25/2018	0930	-0.15	0 00	0.0	0	0.8	19.8	0 3	0 0	0 0	0.0	
VMP-52-5	5/30/2018	0829	0 00	0 00	0.0	0	2.1	17.2	0.1	0 0	0 0	0.0	
VMP-52-5	6/19/2018	1521	0 00	0 00	0.0	0	3.1	16.3	0 8	0 0	0 0	0.0	

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SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-52-10	7/18/2017	0814	0 00	0 00	0.0	0	4.3	16.6	0 0	0 0	0 0	0.0	
VMP-52-10	8/17/2017	0926	0 00	0 00	0.0	0	4.9	16.8	0.4	0 0	0 0	0.0	
VMP-52-10	9/13/2017	1447	0 00	0 00	0.0	0	5.0	17.8	0.1	0 0	0 0	0.0	
VMP-52-10	10/24/2017	0839	-0.14	-0.11	0.0	0	3.5	18.5	0 2	0 0	0 0	0.0	
VMP-52-10	11/28/2017	820	-0.40	0 00	0.0	0	1.2	19.8	0.1	0 0	0 0	0.0	
VMP-52-10	12/18/2017	1431	0 00	0 00	0.0	0	0.9	20.1	0 6	0 0	0 0	0.0	
VMP-52-10	1/18/2018	1048	0 25	-0.17	0.0	0	0.9	20.2	0.1	0 0	0 0	0.0	
VMP-52-10	2/21/2018	1507	-0.10	0 00	0.0	0	0.6	20.2	0.1	0 0	0 0	0.0	
VMP-52-10	3/14/2018	1417	0 00	0 00	0.0	0	0.8	18.7	0 2	0 0	0 0	0.0	
VMP-52-10	4/25/2018	0931	0 00	0 00	0.0	0	1.0	18.6	0.4	0 0	0 0	0.0	
VMP-52-10	5/30/2018	0830	0 00	0 00	0.0	0	1.5	17.5	0.1	0 0	0 0	0.0	
VMP-52-10	6/19/2018	1522	0 00	0 00	0.0	0	2.1	16.1	0 6	0 0	0 0	0.0	
VMP-52-20	7/18/2017	0815	-0 56	-0 63	0.0	0	1.7	19.4	0 0	0 0	0 0	0.0	
VMP-52-20	8/17/2017	0927	-0 63	-0 56	0.0	0	2.1	19.0	0 2	0 0	0 0	0.0	
VMP-52-20	9/13/2017	1448	-0.42	-0.40	0.0	0	2.1	19.4	0 3	0 0	0 0	0.0	
VMP-52-20	10/24/2017	0840	-0 58	-0 56	0.0	0	1.8	19.6	0.1	0 0	0 0	0.0	
VMP-52-20	11/28/2017	821	-0 58	-0 35	0.0	0	1.3	19.7	0.1	0 0	0 0	0.0	
VMP-52-20	12/18/2017	1432	-0.44	-0.46	0.0	0	1.1	19.8	0 8	0 0	0 0	0.0	
VMP-52-20	1/18/2018	1049	0 00	0 00	0.0	0	1.3	19.7	0.1	0 0	0 0	0.0	
VMP-52-20	2/21/2018	1508	0 00	-0 26	0.0	0	0.8	20.1	0 0	0 0	0 0	0.0	
VMP-52-20	3/14/2018	1418	0 00	0.17	0.0	0	0.8	20.0	0.1	0 0	0 0	0.0	
VMP-52-20	4/25/2018	0932	-0 25	-0 50	0.0	0	1.6	19.1	0.1	0 0	0 0	0.0	
VMP-52-20	5/30/2018	0831	-0 20	-0 32	0.0	0	1.7	18.8	0 0	0 0	0 0	0.0	
VMP-52-20	6/19/2018	1523	0 00	0 00	0.0	0	1.8	18.4	0 2	0 0	0 0	0.0	
VMP-52-30	7/18/2017	0816	-0.45	-0 63	0.0	0	1.8	19.3	0 2	0 0	0 0	0.0	
VMP-52-30-Dup	7/18/2017	0816	NM	NM	0.0	0	1.9	19.0	0 2	0 0	0 0	0.0	Duplicate sample.
VMP-52-30	8/17/2017	0928	-0 64	-0 57	0.0	0	2.0	18.9	0.1	0 0	0 0	0.0	
VMP-52-30	9/13/2017	1449	-0.43	-0.41	0.0	0	2.2	19.4	0.1	0 0	0 0	0.0	
VMP-52-30	10/24/2017	0841	-0 61	-0 58	0.0	0	2.1	19.5	0.1	0 0	0 0	0.0	
VMP-52-30	11/28/2017	822	-0 58	-0 37	0.0	0	1.8	19.5	0 0	0 0	0 0	0.0	
VMP-52-30-Dup	11/28/2017	822	NM	NM	0.0	0	1.9	19.3	0 0	0 0	0 0	0.0	Duplicate sample.
VMP-52-30	12/18/2017	1433	-0.45	-0.46	0.0	0	1.7	19.3	0.1	0 0	0 0	0.0	
VMP-52-30	1/18/2018	1050	0 00	0 00	0.0	0	1.8	19.5	0.1	0 0	0 0	0.0	
VMP-52-30	2/21/2018	1509	0 00	-0 26	0.0	0	1.4	19.8	1.1	0 0	0 0	0.0	
VMP-52-30	3/14/2018	1419	0 20	0.18	0.0	0	1.4	19.4	0 2	0 0	0 0	0.0	
VMP-52-30	4/25/2018	0933	-0 28	0 00	0.0	0	2.0	18.9	0 2	0 0	0 0	0.0	
VMP-52-30-Dup	4/25/2018	0933	NM	NM	0.0	0	2.0	18.9	0 2	0 0	0 0	0.0	Duplicate sample.
VMP-52-30	5/30/2018	0832	0 00	0 00	0.0	0	1.9	18.8	0 0	0 0	0 0	0.0	
VMP-52-30-Dup	5/30/2018	0832	NM	NM	0.0	0	1.9	18.8	0 0	0 0	0 0	0.0	Duplicate sample.
VMP-52-30	6/19/2018	1524	0 00	0 00	0.0	0	2.1	18.1	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-53-5	7/17/2017	1358	0 00	0 00	0.0	0	1.8	19.3	0 6	0 0	0 0	0.0	
VMP-53-5	8/16/2017	1530	0 00	0 00	0.0	0	1.5	19.9	0 8	0 0	0 0	0.0	
VMP-53-5	9/13/2017	1316	0 00	0 00	0.0	0	1.1	20.0	0.1	0 0	0 0	0.0	
VMP-53-5	10/23/2017	1421	0 00	0 00	0.0	0	0.6	20.4	0 5	0 0	0 0	0.0	
VMP-53-5	11/27/2017	1331	0 00	0 00	0.0	0	0.3	20.7	0 5	0 0	0 0	0.0	
VMP-53-5	12/18/2017	1320	0 00	0 00	0.0	0	0.2	20.7	0 6	0 0	0 0	0.0	
VMP-53-5	1/18/2018	0857	0 00	0 00	0.0	0	0.2	20.8	0 0	0 0	0 0	0.0	
VMP-53-5	2/21/2018	1332	0 00	0 00	0.0	0	0.2	20.7	0 3	0 0	0 0	0.0	
VMP-53-5	3/14/2018	1255	0 00	0 00	0.0	0	0.2	20.6	0 2	0 0	0 0	0.0	
VMP-53-5	4/24/2018	1425	0 00	0 00	0.0	0	0.3	20.7	0.1	0 0	0 0	0.0	
VMP-53-5	5/30/2018	1254	0 00	0 00	0.0	0	1.3	19.7	0.1	0 0	0 0	0.0	
VMP-53-5	6/19/2018	1306	0 00	0 00	0.0	0	1.8	19.3	0 0	0 0	0 0	0.0	
VMP-53-10	7/17/2017	1359	0 00	0 00	0.0	0	1.4	19.4	0 2	0 0	0 0	0.0	
VMP-53-10	8/16/2017	1531	0 00	0 00	0.0	0	1.2	20.1	0 9	0 0	0 0	0.0	
VMP-53-10	9/13/2017	1317	0 00	0 00	0.0	0	1.0	20.0	0 3	0 0	0 0	0.0	
VMP-53-10	10/23/2017	1422	0 00	0 00	0.0	0	0.6	20.4	0 3	0 0	0 0	0.0	
VMP-53-10	11/27/2017	1332	0 00	0 00	0.0	0	0.3	20.8	0.1	0 0	0 0	0.0	
VMP-53-10	12/18/2017	1321	0 00	0 00	0.0	0	0.2	20.7	0 0	0 0	0 0	0.0	
VMP-53-10	1/18/2018	0858	0 00	0 00	0.0	0	0.2	20.8	0.1	0 0	0 0	0.0	
VMP-53-10	2/21/2018	1333	-0.13	0 00	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-53-10	3/14/2018	1256	0 21	0 00	0.0	0	0.2	20.7	0 2	0 0	0 0	0.0	
VMP-53-10	4/24/2018	1426	0 00	0 00	0.0	0	0.2	20.8	0 5	0 0	0 0	0.0	
VMP-53-10	5/30/2018	1255	0 00	0 00	0.0	0	0.8	20.2	0.1	0 0	0 0	0.0	
VMP-53-10	6/19/2018	1307	0 00	0 00	0.0	0	1.3	19.6	0 3	0 0	0 0	0.0	
VMP-53-20	7/17/2017	1400	-0.12	0 00	0.0	0	1.2	19.8	0.7	0 0	0 0	0.0	
VMP-53-20	8/16/2017	1532	-0 21	-0 20	0.0	0	1.6	19.6	0 5	0 0	0 0	0.0	
VMP-53-20	9/13/2017	1318	-0.19	-0.15	0.0	0	1.4	19.8	0 5	0 0	0 0	0.0	
VMP-53-20	10/23/2017	1423	0 00	-0.11	0.0	0	1.2	19.9	0 2	0 0	0 0	0.0	
VMP-53-20	11/27/2017	1333	0 00	0 00	0.0	0	0.7	20.4	0 3	0 0	0 0	0.0	
VMP-53-20	12/18/2017	1322	-0 25	-0.18	0.0	0	0.6	20.3	0.1	0 0	0 0	0.0	
VMP-53-20	1/18/2018	0859	-0.16	-0 20	0.0	0	0.8	20.3	0.1	0 0	0 0	0.0	
VMP-53-20	2/21/2018	1334	-0.18	-0.10	0.0	0	0.6	20.2	0 2	0 0	0 0	0.0	
VMP-53-20	3/14/2018	1257	-0 21	0 00	0.0	0	0.3	20.6	0.1	0 0	0 0	0.0	
VMP-53-20	4/24/2018	1428	-0 21	-0 25	0.0	0	0.3	20.7	0 2	0 0	0 0	0.0	
VMP-53-20	5/30/2018	1256	0 00	-0 20	0.0	0	0.6	20.1	0 0	0 0	0 0	0.0	
VMP-53-20	6/19/2018	1308	0 00	0 00	0.0	0	1.2	19.4	0 0	0 0	0 0	0.0	
VMP-53-30	7/17/2017	1401	-0 25	0 00	0.0	0	2.0	18.5	0.4	0 0	0 0	0.0	
VMP-53-30	8/16/2017	1533	-0 23	-0 22	0.0	0	2.3	18.6	0 5	0 0	0 0	0.0	
VMP-53-30	9/13/2017	1319	-0.11	-0 09	0.0	0	2.5	18.7	0 0	0 0	0 0	0.0	
VMP-53-30	10/23/2017	1424	0 00	-0.12	0.0	0	2.7	19.0	0 8	0 0	0 0	0.0	
VMP-53-30	11/27/2017	1334	-0 09	-0.17	0.0	0	2.3	19.3	0 2	0 0	0 0	0.0	
VMP-53-30	12/18/2017	1323	-0 26	-0 20	0.0	0	2.1	19.5	0 3	0 0	0 0	0.0	
VMP-53-30	1/18/2018	0900	-0.18	-0 23	0.0	0	1.8	19.7	0 3	0 0	0 0	0.0	
VMP-53-30-Dup	1/18/2018	0900	NM	NM	0.0	0	1.8	19.7	0 3	0 0	0 0	0.0	Duplicate sample.
VMP-53-30	2/21/2018	1335	-0 21	-0.12	0.0	0	1.4	19.9	0.1	0 0	0 0	0.0	
VMP-53-30	3/14/2018	1258	-0 24	-0 09	0.0	0	1.2	20.1	0 2	0 0	0 0	0.0	
VMP-53-30	4/24/2018	1428	-0 24	-0 27	0.0	0	1.1	20.0	0 6	0 0	0 0	0.0	
VMP-53-30	5/30/2018	1257	-0 24	-0 21	0.0	0	1.0	19.8	0 0	0 0	0 0	0.0	
VMP-53-30	6/19/2018	1309	0 00	0 00	0.0	0	1.3	19.0	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	7/17/2017	1436	0 00	0 00	0.0	0	4.2	16.6	0.1	0 0	0 0	0.0	
VMP-54-5	8/17/2017	0837	0 00	0 00	0.0	0	4.0	16.8	0 5	0 0	0 0	0.0	
VMP-54-5	9/13/2017	1252	0 00	0 00	0.0	0	3.9	17.1	0 0	0 0	0 0	0.0	
VMP-54-5	10/23/2017	1453	0 00	0 00	0.0	0	2.7	18.3	0.1	0 0	0 0	0.0	
VMP-54-5	11/27/2017	1350	0 00	0 00	0.0	0	1.9	19.2	0 3	0 0	0 0	0.0	
VMP-54-5	12/18/2017	1258	0 00	0 00	0.0	0	1.6	19.3	0 2	0 0	0 0	0.0	
VMP-54-5	1/18/2018	0919	0 00	0 00	0.0	0	1.1	19.7	0.1	0 0	0 0	0.0	
VMP-54-5	2/21/2018	1351	0 00	0 00	0.0	0	1.2	19.7	0 2	0 0	0 0	0.0	
VMP-54-5	3/14/2018	1314	0 00	0 00	0.0	0	1.2	19.3	0.1	0 0	0 0	0.0	
VMP-54-5	4/24/2018	1500	0 00	0 00	0.0	0	1.5	19.2	0.1	0 0	0 0	0.0	
VMP-54-5	5/30/2018	1326	0 00	0 00	0.0	0	2.6	18.2	0 3	0 0	0 0	0.0	
VMP-54-5	6/19/2018	1335	0 00	0 00	0.0	0	3.3	17.5	0 2	0 0	0 0	0.0	
VMP-54-10	7/17/2017	1437	0 00	0 00	0.0	0	3.1	17.4	0.1	0 0	0 0	0.0	
VMP-54-10	8/17/2017	0838	0 00	0 00	0.0	0	3.3	17.2	0 3	0 0	0 0	0.0	
VMP-54-10	9/13/2017	1253	0 00	0 00	0.0	0	2.9	17.9	0 0	0 0	0 0	0.0	
VMP-54-10	10/23/2017	1454	0 00	0 00	0.0	0	3.2	17.7	0 2	0 0	0 0	0.0	
VMP-54-10	11/27/2017	1351	0 00	0 00	0.0	0	1.8	19.2	0 0	0 0	0 0	0.0	
VMP-54-10	12/18/2017	1259	0 00	0 00	0.0	0	2.3	18.4	0 3	0 0	0 0	0.0	
VMP-54-10	1/18/2018	0920	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-54-10	2/21/2018	1352	0 00	0 00	0.0	0	1.6	19.4	0.1	0 0	0 0	0.0	
VMP-54-10	3/14/2018	1315	-0.13	0 00	0.0	0	1.7	18.7	0.1	0 0	0 0	0.0	
VMP-54-10	4/24/2018	1501	0 00	0 00	0.0	0	0.8	20.0	0 2	0 0	0 0	0.0	
VMP-54-10	5/30/2018	1327	0 00	0 00	0.0	0	0.9	20.0	0 2	0 0	0 0	0.0	
VMP-54-10	6/19/2018	1336	0 00	0 00	0.0	0	2.2	18.0	0.1	0 0	0 0	0.0	
VMP-54-20	7/17/2017	1438	0 00	0 00	0.0	0	2.5	17.4	0.1	0 0	0 0	0.0	
VMP-54-20	8/17/2017	0839	0 00	0 00	0.0	0	2.8	17.1	0 3	0 0	0 0	0.0	
VMP-54-20	9/13/2017	1254	0 00	0 00	0.0	0	3.1	16.9	0 2	0 0	0 0	0.0	
VMP-54-20	10/23/2017	1455	0 00	0 00	0.0	0	3.5	16.8	0 3	0 0	0 0	0.0	
VMP-54-20	11/27/2017	1352	0 00	0 00	0.0	0	3.4	17.0	0.7	0 0	0 0	0.0	
VMP-54-20	12/18/2017	1300	0 00	0 00	0.0	0	3.1	17.1	0.4	0 0	0 0	0.0	
VMP-54-20	1/18/2018	0921	0 00	0 00	0.0	0	3.0	17.4	0 2	0 0	0 0	0.0	
VMP-54-20	2/21/2018	1353	-0.43	0 00	0.0	0	2.7	18.0	0.4	0 0	0 0	0.0	
VMP-54-20	3/14/2018	1316	0 00	0 00	0.0	0	2.4	17.7	0 0	0 0	0 0	0.0	
VMP-54-20	4/24/2018	1502	-0.15	-0.41	0.0	0	2.1	18.1	0 3	0 0	0 0	0.0	
VMP-54-20	5/30/2018	1328	0 00	0 00	0.0	0	2.0	18.3	0 3	0 0	0 0	0.0	
VMP-54-20	6/19/2018	1337	0 00	0 00	0.0	0	2.1	17.8	0 5	0 0	0 0	0.0	
VMP-54-30	7/17/2017	1439	0 00	0 00	0.0	0	2.8	17.6	0.1	0 0	0 0	0.0	
VMP-54-30-Dup	7/17/2017	1439	NM	NM	0.0	0	2.9	17.5	0.1	0 0	0 0	0.0	Duplicate sample.
VMP-54-30	8/17/2017	0840	0 00	0 00	0.0	0	1.6	17.6	0 6	0 0	0 0	0.0	
VMP-54-30-Dup	8/17/2017	0840	NM	NM	0.0	0	2.1	17.4	0 6	0 0	0 0	0.0	Duplicate sample.
VMP-54-30	9/13/2017	1255	0 00	0 00	0.0	0	2.8	18.7	0.4	0 0	0 0	0.0	
VMP-54-30	10/23/2017	1456	0 00	0 00	0.0	0	1.0	19.1	0 2	0 0	0 0	0.0	
VMP-54-30	11/27/2017	1353	0 00	0 00	0.0	0	1.1	19.7	0 2	0 0	0 0	0.0	
VMP-54-30	12/18/2017	1301	0 00	0 00	0.0	0	0.6	20.2	0 3	0 0	0 0	0.0	
VMP-54-30	1/18/2018	0922	0 00	0 00	0.0	0	0.5	20.3	0.1	0 0	0 0	0.0	
VMP-54-30	2/21/2018	1354	0 00	0 00	0.0	0	0.7	19.8	0.1	0 0	0 0	0.0	
VMP-54-30	3/14/2018	1317	0 00	0 00	0.0	0	0.4	19.7	0.1	0 0	0 0	0.0	
VMP-54-30	4/24/2018	1503	0 00	0 00	0.0	0	1.1	19.4	0 0	0 0	0 0	0.0	
VMP-54-30	5/30/2018	1329	0 00	0 00	0.0	0	2.0	17.9	0 2	0 0	0 0	0.0	
VMP-54-30	6/19/2018	1338	0 00	0 00	0.0	0	3.3	17.7	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-55-5	7/18/2017	1215	-0 95	0 00	0.0	0	18 5	2 5	8 9	8.1	7.1	1.0	
VMP-55-5	8/17/2017	0813	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	9/13/2017	1045	-0.13	-0.76	0.0	0	18 0	2.7	3.1	1 2	0 0	1.2	
VMP-55-5	10/24/2017	1206	-0 53	-0 28	0.0	0	16.4	2 9	0 6	0 0	0 0	0.0	
VMP-55-5	11/27/2017	823	0 00	0 00	0.0	0	14 8	3 0	0.1	0 0	0 0	0.0	
VMP-55-5	12/18/2017	0836	0 00	0 00	0.0	0	9.0	10.0	0 5	5.4	2 8	2.6	
VMP-55-5	1/17/2018	1101	0 00	0 00	0.0	0	13.4	2 8	0.4	0 0	0 0	0.0	
VMP-55-5	2/21/2018	1058	2 02	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	3/14/2018	0820	-2 04	-0.12	0.0	0	14.4	4 8	4 8	8 9	3 0	5.9	
VMP-55-5	4/24/2018	1320	-2.10	-0 23	NM	NM	NM	NM	NM	NM	NM	NM	Water in Tedlar. Sample not screened.
VMP-55-5	5/29/2018	1049	0 00	0 00	0.0	0	16 6	3 8	0.4	3.4	3.4	0.0	
VMP-55-5	6/19/2018	1044	0 00	0 00	0.0	0	17 6	3 8	0.4	1 6	1 6	0.0	
VMP-55-10	7/18/2017	1216	-0.70	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	8/17/2017	0814	-0 20	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	9/13/2017	1046	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	10/24/2017	1206	1 04	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	11/27/2017	824	-0.16	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	12/18/2017	0837	0 95	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	1/17/2018	1102	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	2/21/2018	1059	0 24	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	3/14/2018	0821	-8 60	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	4/24/2018	1321	-9.77	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	5/29/2018	1050	0 57	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	6/19/2018	1045	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-20	7/18/2017	1217	-0.41	-0 28	10.1	OVR	19 2	1 5	76.2	53380	45370	8010	
VMP-55-20	8/17/2017	0815	-0.43	-0.43	16 8	OVR	20 3	0 6	78.1	85260	70420	14840	
VMP-55-20	9/13/2017	1047	-0 58	-0.18	19 8	OVR	20 6	0 6	133	104000	87260	16740	
VMP-55-20-Dup	9/13/2017	1047	NM	NM	54 9	OVR	18 9	0 3	133	134000	98000	36000	Duplicate sample.
VMP-55-20	10/24/2017	1207	-0 83	-0 80	13 3	OVR	18 3	2 2	54.6	79790	67500	12290	
VMP-55-20	11/27/2017	825	-0.16	0 00	13 3	OVR	18 0	2 5	71.0	40430	31240	9190	
VMP-55-20	12/18/2017	0838	-0.43	-0.46	12.4	OVR	18.1	2 5	72.6	56130	47250	8880	
VMP-55-20	1/17/2018	1103	-0 30	-0 24	4.1	83	19 5	0.4	58.9	29980	26570	3410	
VMP-55-20	2/21/2018	1100	-0 84	-0 88	9.0	OVR	19.4	0.4	31.3	56970	51150	5820	
VMP-55-20	3/14/2018	0822	-0 25	-0.19	37 2	OVR	18 9	0 8	58.6	123000	107000	16000	
VMP-55-20-Dup	3/14/2018	0822	NM	NM	46.7	OVR	16 9	1 0	58.6	166000	134000	32000	Duplicate sample.
VMP-55-20	4/24/2018	1322	-0.12	-0 55	42 3	OVR	19 2	0.7	65.5	227000	181000	46000	
VMP-55-20	5/29/2018	1051	0 25	0 00	31 2	OVR	19 0	0 9	48.7	181000	152000	29000	
VMP-55-20	6/19/2018	1047	0 00	-0.19	31 9	OVR	18 9	0 8	47.7	182000	151000	31000	
VMP-55-30	7/18/2017	1220	-0.19	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	8/17/2017	0816	-1 05	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	9/13/2017	1048	0 59	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	10/24/2017	1208	0 58	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	11/27/2017	826	-0.76	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	12/18/2017	0839	0.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	1/17/2018	1104	-0 09	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	2/21/2018	1101	-6 55	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	3/14/2018	0823	-2 56	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	4/24/2018	1323	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	5/29/2018	1052	0 53	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	6/19/2018	1049	0 00	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-56-10	7/18/2017	1205	-1 55	-2.13	0.0	0	0.4	20.6	0.7	0 0	0 0	0.0	
VMP-56-10	8/17/2017	1342	-2 20	-2 24	0.0	0	0.4	20.6	0 8	0 0	0 0	0.0	
VMP-56-10	9/14/2017	1118	-2 02	-1 95	0.0	0	0.4	20.6	0.7	0 0	0 0	0.0	
VMP-56-10	10/24/2017	1354	-2 35	-2 30	0.0	0	0.3	20.5	0.1	0 0	0 0	0.0	
VMP-56-10	11/28/2017	1302	-1 61	-1.70	0.0	0	0.1	20.8	0 3	0 0	0 0	0.0	
VMP-56-10	12/19/2017	1127	-1.49	-1.44	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-56-10	1/19/2018	0852	-1 05	-1 21	0.0	0	0.1	20.8	0 0	0 0	0 0	0.0	
VMP-56-10	2/22/2018	0916	0 00	-2.17	0.0	0	0.1	20.7	0 2	0 0	0 0	0.0	
VMP-56-10	3/15/2018	0947	-2.40	-2 33	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-56-10	3/30/2018	1200	-3 68	NM	0.0	0	0.3	20.6	0.1	0 0	0 0	0.0	
VMP-56-10	4/11/2018	1020	0.11	NM	0.0	0	0.3	20.5	0 5	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-56-10	4/25/2018	1405	-2 30	-2 38	0.0	0	0.2	20.7	0 2	0 0	0 0	0.0	
VMP-56-10	5/30/2018	1249	-2.40	-2 39	0.0	0	0.9	20.0	0 5	0 0	0 0	0.0	
VMP-56-10	6/20/2018	1030	-3 01	-3 02	0.0	0	0.7	19.7	0 3	0 0	0 0	0.0	
VMP-56-25	7/18/2017	1206	-4 97	-4 80	0.0	0	0.9	20.1	0 2	0 0	0 0	0.0	
VMP-56-25	8/17/2017	1343	-4.71	-4.75	0.0	0	0.6	20.4	4.1	7 5	0 0	7.5	
VMP-56-25	9/14/2017	1119	-4.49	-4 36	0.0	0	0.4	20.6	5 0	14.2	0 0	14.2	
VMP-56-25	10/24/2017	1355	-4 87	-4.73	0.0	0	0.4	20.5	0 3	0 0	0 0	0.0	
VMP-56-25	11/28/2017	1303	-3 68	-3 86	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-56-25	12/19/2017	1128	-3 36	-3 28	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-56-25	1/19/2018	0853	-2.46	-2.78	0.0	0	0.1	20.8	0 0	0 0	0 0	0.0	
VMP-56-25	2/22/2018	0917	0 00	-4 01	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-56-25-Dup	2/22/2018	0917	NM	NM	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	Duplicate sample.
VMP-56-25	3/15/2018	0948	-4 36	-4 61	0.0	0	0.2	20.7	0 0	0 0	0 0	0.0	
VMP-56-25	3/30/2018	1201	-5 51	NM	0.0	0	0.5	20.4	0 3	0 0	0 0	0.0	
VMP-56-25	4/11/2018	1021	0 30	NM	0.0	0	0.6	19.8	0.7	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-56-25	4/25/2018	1407	-4 68	-4 68	0.0	0	0.3	20.5	0.4	0 0	0 0	0.0	
VMP-56-25	5/30/2018	1250	-4 59	-4 58	0.0	1	0.9	19.8	0 3	0 0	0 0	0.0	
VMP-56-25	6/20/2018	1031	-5 25	-4.49	0.0	0	0.7	20.0	0.4	0 0	0 0	0.0	
VMP-56-38.5	7/18/2017	1207	-3.44	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	8/17/2017	1344	36.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	9/14/2017	1120	-0.19	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	10/24/2017	1356	0 20	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	11/28/2017	1304	-0 36	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	12/19/2017	1129	-2 99	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	1/19/2018	0854	-3 58	-3 83	OVR	OVR	4.8	12.8	319	804000	2570	801430	
VMP-56-38.5-Dup	1/19/2018	0854	NM	NM	OVR	OVR	3.9	14.9	319	887000	1480	885520	Duplicate sample.
VMP-56-38.5	2/22/2018	0918	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	3/15/2018	0949	-6 02	-5 86	OVR	OVR	0.4	19.4	639	131000	557	130443	Re-sampled due to elevated oxygen.
VMP-56-38.5	3/15/2018	1450	-5 64	NM	OVR	OVR	1.2	17.6	477	467000	736	466264	Re-sample.
VMP-56-38.5	3/30/2018	1202	-6 83	NM	OVR	OVR	3.6	16.2	239	1000000	323	999677	
VMP-56-38.5	4/11/2018	1022	0 00	NM	OVR	OVR	3.9	15.2	387	1000000	655	999345	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-56-38.5	4/25/2018	1409	-6 03	-6 00	OVR	OVR	2.7	17.5	315	306000	213	305787	
VMP-56-38.5	5/30/2018	1251	-5 86	-5.79	OVR	OVR	5.3	14.6	414	320000	345	319655	
VMP-56-38.5	6/20/2018	1032	-6.71	-5 90	OVR	OVR	6.5	9.4	241	468000	1550	466450	

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-57-5A	7/17/2017	1415	-0 20	0 00	0.0	0	0.6	20.4	0 2	0 0	0 0	0.0	
VMP-57-5A	8/16/2017	1433	0 00	-0 32	0.0	0	0.6	20.4	0 8	0 0	0 0	0.0	
VMP-57-5A	9/13/2017	1335	-0 34	-0 86	0.0	0	0.4	20.5	0.1	0 0	0 0	0.0	
VMP-57-5A	10/23/2017	1335	-0 89	-0 30	0.0	0	0.2	20.7	0 3	0 0	0 0	0.0	
VMP-57-5A	11/27/2017	1300	-0.17	-0 04	0.0	0	0.1	20.8	3 5	6 8	0 0	6.8	
VMP-57-5A	12/18/2017	1342	-0 25	-0.13	0.0	0	0.1	20.8	0.4	0 0	0 0	0.0	
VMP-57-5A	1/19/2018	1329	28.57	0 00	0.0	0	0.0	20.9	0 2	2 3	2 3	0.0	
VMP-57-5A	2/21/2018	0905	-0.77	-0 60	0.0	0	0.1	20.8	0 3	0 0	0 0	0.0	
VMP-57-5A	3/14/2018	1443	-0 64	-0.14	0.0	0	0.1	20.8	0 3	0 0	0 0	0.0	
VMP-57-5A	4/24/2018	1453	-0 24	-0 09	0.0	0	0.2	20.6	0 3	0 0	0 0	0.0	
VMP-57-5A	5/29/2018	1310	-0.13	-0.18	0.0	0	0.4	20.4	0 2	0 0	0 0	0.0	
VMP-57-5A	6/19/2018	1302	-0 81	-0.18	0.0	0	0.7	20.2	0 2	0 0	0 0	0.0	
VMP-57-10	7/17/2017	1417	-1.75	-1 04	0.0	0	1.1	19.8	0 2	0 0	0 0	0.0	
VMP-57-10	8/16/2017	1439	-0 88	0 00	0.0	0	1.1	19.8	0 6	0 0	0 0	0.0	
VMP-57-10	9/13/2017	1337	-1 09	-0.78	0.0	0	0.4	20.5	0 3	0 0	0 0	0.0	
VMP-57-10	10/23/2017	1337	-0 34	-0 54	0.0	0	0.2	20.8	0 5	0 0	0 0	0.0	
VMP-57-10	11/27/2017	1301	-0.45	-0.10	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-57-10	12/18/2017	1343	-0.47	-0.45	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-57-10	1/19/2018	1330	-4 30	0.17	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-57-10	2/21/2018	0857	-0.41	-1 04	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-57-10	3/14/2018	1445	0 00	0 00	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-57-10	4/24/2018	1455	0 00	0 00	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-57-10	5/29/2018	1311	-1 34	-1 20	0.0	0	0.4	20.4	0.1	0 0	0 0	0.0	
VMP-57-10	6/19/2018	1303	-1 23	-1 03	0.0	0	0.7	20.2	0 0	0 0	0 0	0.0	
VMP-57-20	7/17/2017	1419	-1 25	-1 23	0.0	0	1.4	19.5	0.1	0 0	0 0	0.0	
VMP-57-20	8/16/2017	1434	-0.10	-0 81	0.0	0	1.9	19.0	0 6	0 0	0 0	0.0	
VMP-57-20	9/13/2017	1339	-0 69	-1.12	0.0	0	1.9	19.5	0.4	0 0	0 0	0.0	
VMP-57-20-Dup	9/13/2017	1339	NM	NM	0.0	0	1.7	19.5	0.4	0 0	0 0	0.0	Duplicate sample.
VMP-57-20	10/23/2017	1339	-0.76	-0.74	0.0	0	1.7	19.5	0 2	0 0	0 0	0.0	
VMP-57-20	11/27/2017	1302	-0 58	-0.14	0.0	0	1.3	19.8	0 8	0 0	0 0	0.0	
VMP-57-20	12/19/2017	1332	-0.46	-0 34	0.0	0	1.2	19.8	0 2	0 0	0 0	0.0	
VMP-57-20	1/19/2018	1331	0 52	0 00	0.0	0	1.3	19.8	0.1	0 0	0 0	0.0	
VMP-57-20	2/21/2018	0900	-1 06	-1.47	0.0	0	0.6	20.4	0 2	0 0	0 0	0.0	
VMP-57-20	3/14/2018	1447	-0 66	0 22	0.0	0	0.6	20.4	0.1	0 0	0 0	0.0	
VMP-57-20	4/24/2018	1457	-1 68	-0.70	0.0	0	0.9	20.0	0 6	0 0	0 0	0.0	
VMP-57-20	5/29/2018	1312	-1 54	-1.42	0.0	0	0.9	19.7	0 2	0 0	0 0	0.0	
VMP-57-20	6/19/2018	1304	-0.11	-0.12	0.0	0	0.6	20.2	0.1	0 0	0 0	0.0	
VMP-58-5	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP in construction area.
VMP-58-5	8/16/2017	1406	-1 65	-1 67	0.0	0	0.1	20.8	0 0	0 0	0 0	0.0	
VMP-58-5	9/13/2017	1357	-1 93	-1 93	0.0	0	0.0	20.9	0 6	0 0	0 0	0.0	
VMP-58-5	10/24/2017	0759	-2 25	-2.13	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-58-5	11/27/2017	1312	-1.40	-0 34	0.0	0	0.0	20.9	0.1	0 3	0 3	0.0	
VMP-58-5	12/18/2017	1356	-1.42	-1 39	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-58-5	1/19/2018	1319	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port encased in ice.
VMP-58-5	2/21/2018	0917	-2.76	-2 58	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-58-5	3/15/2018	0835	-2.49	-2 37	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-58-5	4/24/2018	1430	-2.49	-2 37	0.0	0	0.1	20.8	0 3	0 0	0 0	0.0	
VMP-58-5	5/29/2018	1329	-2.48	-2 37	0.0	0	0.2	20.6	0.1	0 0	0 0	0.0	
VMP-58-5	6/19/2018	1322	-2 21	-2 20	0.0	0	0.1	20.7	0 2	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	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP in construction area.
VMP-58-10	8/16/2017	1407	-2 39	-2.19	0.0	0	0.0	20.9	0 8	0 0	0 0	0.0	
VMP-58-10	9/13/2017	1359	-2 81	-2 55	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-58-10	10/24/2017	0801	-2.76	-2.75	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-58-10	11/27/2017	1313	-1 86	-0.46	0.0	0	0.0	20.9	0.1	0 3	0 3	0.0	
VMP-58-10	12/18/2017	1357	-1 92	-1 90	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-58-10	1/19/2018	1320	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port encased in ice.
VMP-58-10	2/21/2018	0918	-3.41	-3 21	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-58-10	3/15/2018	0837	-3 09	-2 95	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-58-10	4/24/2018	1432	-3 09	-2 96	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-58-10	5/29/2018	1330	-3.11	-2 97	0.0	0	0.1	20.6	0 2	0 0	0 0	0.0	
VMP-58-10	6/19/2018	1323	-3.11	-2 94	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-58-20	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP in construction area.
VMP-58-20	8/16/2017	1408	-3 99	-3 38	0.0	0	0.3	20.7	1.7	2 9	0 0	2.9	
VMP-58-20-Dup	8/16/2017	1408	NM	NM	0.0	0	0.3	20.7	1.7	3.4	0 0	3.4	Duplicate sample.
VMP-58-20	9/13/2017	1401	-4 24	-4 60	0.0	0	0.2	20.7	0 6	3 3	0 0	3.3	
VMP-58-20	10/24/2017	0803	-4.40	-4.71	0.0	0	0.1	20.8	0 3	0 0	0 0	0.0	
VMP-58-20	11/27/2017	1314	-3 38	-0 82	0.0	0	0.0	20.8	0.1	0 0	0 0	0.0	
VMP-58-20	12/19/2017	1340	-5.71	-3.49	0.0	0	0.1	20.7	0 2	0 0	0 0	0.0	
VMP-58-20	1/19/2018	1321	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port encased in ice.
VMP-58-20	2/21/2018	0919	-5 69	-5 01	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-58-20	3/15/2018	0839	-5 50	-2 66	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-58-20	4/24/2018	1434	-5 99	-2 22	0.0	0	0.0	20.9	0.7	0 0	0 0	0.0	
VMP-58-20	5/29/2018	1331	-5.76	-4.49	0.0	0	0.2	20.5	0 2	0 0	0 0	0.0	
VMP-58-20	6/19/2018	1324	-7 85	-2 03	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-58-30	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP in construction area.
VMP-58-30	8/16/2017	1409	-6.10	-5.41	83 3	OVR	7.6	8 9	381	36630	10920	25710	
VMP-58-30	9/13/2017	1403	-6.74	-5 30	5.1	OVR	1.8	16.9	211	6119	2218	3901	
VMP-58-30	10/24/2017	0805	-12.37	-7.46	16 3	OVR	12 9	0 6	513	9910	2360	7550	
VMP-58-30-Dup	10/24/2017	0805	NM	NM	18 6	OVR	12 9	0 6	513	10870	2390	8480	Duplicate sample.
VMP-58-30	11/27/2017	1315	-5 90	-1.46	1.5	31	8.1	9 8	255	860	50.2	810	
VMP-58-30-Dup	11/27/2017	1315	NM	NM	2.4	48	11 5	3.1	255	1920	66.4	1854	Duplicate sample.
VMP-58-30	12/19/2017	1341	-6.42	-6 32	3.9	79	13.4	0 8	269	3220	125	3095	
VMP-58-30	1/19/2018	1322	-4 32	5.46	0.0	0	10 2	3.7	6.4	10.5	0 0	10.5	
VMP-58-30	2/21/2018	0920	-0 24	-7 97	0.0	1	11 2	2.4	13.1	126	0 0	126	
VMP-58-30	3/15/2018	0840	-7.79	-7 58	0.0	0	3.4	15.1	1.4	8.7	8.7	0.0	
VMP-58-30-Dup	3/15/2018	0840	NM	NM	0.0	0	7.0	9 0	1.4	32.4	32.4	0.0	Duplicate sample.
VMP-58-30	4/24/2018	1436	-7.42	-7 30	6.8	OVR	2.6	14.7	462	7593	2442	5151	
VMP-58-30-Dup	4/24/2018	1436	NM	NM	36 6	OVR	7.8	7 9	462	20550	5680	14870	Duplicate sample.
VMP-58-30	5/29/2018	1332	-7 58	-7.13	OVR	OVR	13 3	0 5	369	48150	15260	32890	
VMP-58-30	6/19/2018	1325	-8 30	-7 02	OVR	OVR	12.4	1 6	406	47890	15380	32510	

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	7/17/2017	1432	-0 93	-0 92	0.0	0	0.3	20.6	0 2	0 0	0 0	0.0	
VMP-59-5	8/17/2017	0813	-1.18	-1 07	0.0	0	0.4	20.5	0 6	0 0	0 0	0.0	
VMP-59-5	9/14/2017	1420	-0.78	-0.79	0.0	0	0.2	20.7	0 2	0 0	0 0	0.0	
VMP-59-5	10/24/2017	0818	-1 04	-1 01	0.0	0	0.1	20.8	0 3	0 0	0 0	0.0	
VMP-59-5	11/27/2017	1330	-0 23	-0.13	0.0	0	0.1	20.8	0 3	3.4	2.7	0.7	
VMP-59-5	12/18/2017	1407	-0 51	-0 53	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-59-5	1/19/2018	1304	-0 31	-0 27	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-59-5	2/21/2018	0943	-1 37	-1 32	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-59-5	3/15/2018	0855	-1.15	-1 08	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-59-5	4/24/2018	1409	-1.12	-1 82	0.0	0	0.0	20.9	0 9	0 0	0 0	0.0	
VMP-59-5	5/29/2018	1352	-1 26	-0 96	0.0	0	0.2	20.5	0 2	0.4	0.4	0.0	
VMP-59-5	6/19/2018	1338	-0 92	-0 99	0.0	0	0.3	20.7	0 0	0 0	0 0	0.0	
VMP-59-10	7/17/2017	1434	-1 04	-1 02	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-59-10	8/17/2017	0814	-0 84	-1 21	0.0	0	0.1	20.7	0 5	0 0	0 0	0.0	
VMP-59-10	9/13/2017	1422	-0.42	-0 92	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-59-10	10/24/2017	0820	-4 51	-4.42	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-59-10	11/27/2017	1331	-0 62	-0.15	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-59-10	12/18/2017	1408	-0 60	-0 61	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-59-10	1/19/2018	1305	-0 36	-0.40	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	
VMP-59-10	2/21/2018	0944	-1.49	-1.43	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-59-10	3/15/2018	0857	-1 28	-1 20	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-59-10	4/24/2018	1411	-1 39	-1.14	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-59-10	5/29/2018	1353	-1 22	-1 23	0.0	0	0.1	20.7	0.1	0 0	0 0	0.0	
VMP-59-10	6/19/2018	1339	-1 02	-1.12	0.0	0	0.1	20.8	0 3	0 0	0 0	0.0	
VMP-59-20	7/17/2017	1436	-3 97	-4 03	0.0	0	0.3	20.6	0 5	0 0	0 0	0.0	
VMP-59-20	8/17/2017	0815	-0 60	-4.47	0.0	0	0.4	20.6	0.7	0 0	0 0	0.0	
VMP-59-20	9/13/2017	1424	-4 05	-4.13	0.0	0	0.4	20.6	0.1	0 0	0 0	0.0	
VMP-59-20	10/24/2017	0822	-4 51	-4.42	0.0	0	0.4	20.5	0.4	0 0	0 0	0.0	
VMP-59-20	11/27/2017	1332	-3.16	-0 80	0.0	0	0.2	20.7	0.4	0 0	0 0	0.0	
VMP-59-20	12/18/2017	1409	-3 25	-3 25	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-59-20-Dup	12/18/2017	1409	NM	NM	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	Duplicate sample.
VMP-59-20	1/19/2018	1306	-2.17	-2.11	0.0	0	0.2	20.7	0.1	0 0	0 0	0.0	
VMP-59-20	2/21/2018	0945	-4 85	-1.75	0.0	0	0.2	20.8	0 3	0 0	0 0	0.0	
VMP-59-20	3/15/2018	0858	-4 53	-4.40	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-59-20	4/24/2018	1413	-4.16	-4 26	0.0	0	0.2	20.7	0 3	0 0	0 0	0.0	
VMP-59-20	5/29/2018	1354	-4 30	-4 25	0.0	0	0.2	20.5	0 2	0 0	0 0	0.0	
VMP-59-20	6/19/2018	1340	-4 08	-4.13	0.0	0	0.3	20.6	0.1	0 0	0 0	0.0	
VMP-59-30	7/17/2017	1438	-4.77	-4 83	0.0	0	1.9	18.5	0 3	0 0	0 0	0.0	
VMP-59-30-Dup	7/17/2017	1438	NM	NM	0.0	0	1.9	18.4	0 3	0 0	0 0	0.0	Duplicate sample.
VMP-59-30	8/17/2017	0816	-6.45	-5 60	0.0	0	1.9	18.5	0.7	0 0	0 0	0.0	
VMP-59-30-Dup	8/17/2017	0816	NM	NM	0.0	0	1.9	18.5	0.7	0 0	0 0	0.0	Duplicate sample.
VMP-59-30	9/13/2017	1426	-4 95	-4.78	0.0	0	1.8	19.1	0 3	0 0	0 0	0.0	
VMP-59-30	10/24/2017	0824	-5.44	-5 33	0.0	0	2.4	18.0	0.7	0 0	0 0	0.0	
VMP-59-30	11/27/2017	1333	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-59-30	12/19/2017	1358	-4 31	-4 26	0.0	0	3.5	16.4	0.1	0 0	0 0	0.0	
VMP-59-30	1/19/2018	1307	-2 63	-2 57	0.0	0	2.9	16.6	0.1	0 0	0 0	0.0	
VMP-59-30	2/21/2018	0946	-5 65	-5 55	0.0	0	3.0	17.7	0 3	0 0	0 0	0.0	
VMP-59-30	3/15/2018	0859	-5 32	-5.18	0.0	0	3.1	17.1	0 2	0 0	0 0	0.0	
VMP-59-30	4/24/2018	1415	-5.15	-4.47	0.0	0	2.4	17.6	0 2	0 0	0 0	0.0	
VMP-59-30	5/29/2018	1355	-5 20	-4 95	0.0	0	2.5	17.4	0 3	0 0	0 0	0.0	
VMP-59-30	6/19/2018	1341	-5.10	-4.73	0.0	0	2.7	17.4	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-60-5	7/17/2017	1216	-0 28	-0 38	0.0	0	0.9	19.6	0 9	0 0	0 0	0.0	
VMP-60-5	8/16/2017	1214	-0 27	-0 29	0.0	0	1.1	19.6	0 6	0 0	0 0	0.0	
VMP-60-5	9/13/2017	1037	-0.41	-0 22	0.0	0	0.8	19.9	0 2	0 0	0 0	0.0	
VMP-60-5	10/23/2017	0902	-0.44	-0 36	0.0	0	0.7	20.2	0 3	0 0	0 0	0.0	
VMP-60-5	11/27/2017	0903	-0 31	-0 30	0.0	0	0.3	20.7	0 2	0 0	0 0	0.0	
VMP-60-5	12/18/2017	0953	-0.42	-0 22	0.0	0	0.2	20.7	0.4	0 0	0 0	0.0	
VMP-60-5	1/19/2018	0852	-0 09	-0.18	0.0	0	0.3	20.5	0 3	0 0	0 0	0.0	
VMP-60-5	2/22/2018	0838	-0.45	-0 54	0.0	0	0.1	20.7	0 0	0 0	0 0	0.0	
VMP-60-5	3/14/2018	0916	-0 62	-0.47	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-60-5	4/24/2018	1312	-0 65	-0 65	0.0	0	0.3	20.7	0.4	0 0	0 0	0.0	
VMP-60-5	5/29/2018	0842	-0.73	-0 66	0.0	0	0.6	20.2	0 2	0 0	0 0	0.0	
VMP-60-5	6/19/2018	0900	-0.48	-0.42	0.0	0	0.8	19.7	0.7	0 0	0 0	0.0	
VMP-60-10	7/17/2017	1218	0 00	-0.17	0.0	0	1.0	19.7	0 5	0 0	0 0	0.0	
VMP-60-10	8/16/2017	1215	-0 37	-0 37	0.0	0	1.1	19.6	0 8	0 0	0 0	0.0	
VMP-60-10	9/13/2017	1039	-0 34	-1 27	0.0	0	1.2	19.5	0.7	0 0	0 0	0.0	
VMP-60-10	10/23/2017	0904	-0 39	-0 37	0.0	0	1.0	20.0	0.4	0 0	0 0	0.0	
VMP-60-10	11/27/2017	0904	-0 28	-0 27	0.0	0	0.6	20.3	0 2	0 0	0 0	0.0	
VMP-60-10	12/18/2017	0954	-0 58	-0 30	0.0	0	0.5	20.5	0 3	0 0	0 0	0.0	
VMP-60-10	1/19/2018	0853	-0 09	-0.15	0.0	0	0.6	20.2	0 6	0 8	0.7	0.1	
VMP-60-10	2/22/2018	0839	-0.45	-0 53	0.0	0	0.3	20.6	0 2	0 0	0 0	0.0	
VMP-60-10	3/14/2018	0917	-0 69	-0 57	0.0	0	0.3	20.7	0 2	0 0	0 0	0.0	
VMP-60-10	4/24/2018	1314	-0 51	-0 66	0.0	0	0.3	20.7	0 2	0 0	0 0	0.0	
VMP-60-10	5/29/2018	0843	-0.46	-0.40	0.0	0	0.5	20.3	0 2	0 0	0 0	0.0	
VMP-60-10	6/19/2018	0901	-0 30	-0.44	0.0	0	0.8	19.8	0.4	0 0	0 0	0.0	
VMP-60-20	7/17/2017	1220	-2 00	-2 03	0.0	0	1.0	19.9	0.7	0 0	0 0	0.0	
VMP-60-20	8/16/2017	1216	-1 96	-1 92	0.0	0	1.3	19.5	0 5	0 0	0 0	0.0	
VMP-60-20	9/13/2017	1041	-2.19	-2.15	0.0	0	1.4	19.7	0 5	0 0	0 0	0.0	
VMP-60-20	10/23/2017	0906	-2.19	-2 06	0.0	0	1.3	20.1	0 3	0 0	0 0	0.0	
VMP-60-20	11/27/2017	0905	-1 87	-1 83	0.0	0	1.1	20.0	0.1	0 0	0 0	0.0	
VMP-60-20	12/18/2017	0955	-1 97	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-60-20	1/19/2018	0854	-0 58	-1 39	0.0	0	0.9	19.9	0 2	0 0	0 0	0.0	
VMP-60-20	2/22/2018	0840	-2 02	-2.12	0.0	0	0.6	20.5	0 0	0 0.	0 0	0.0	
VMP-60-20	3/14/2018	0919	-2 36	-2.13	0.0	0	0.4	20.5	0 5	0 0	0 0	0.0	
VMP-60-20	4/24/2018	1316	-2 39	-2.41	0.0	0	0.4	20.6	0.4	0 0	0 0	0.0	
VMP-60-20	5/29/2018	0844	-2 68	-2 66	0.0	0	0.4	20.4	0.4	0 0	0 0	0.0	
VMP-60-20	6/19/2018	0902	-2.40	-1 87	0.0	0	0.7	19.9	0 5	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-60-33.5	7/17/2017	1222	-1 58	-1 22	80 9	OVR	3.8	15.3	176	80240	49220	31020	
VMP-60-33.5	8/16/2017	1217	-1 24	-0 81	0.0	0	1.0	19.7	0 8	0 0	0 0	0.0	
VMP-60-33.5	9/13/2017	1043	-0.77	-6 03	0.0	0	0.9	19.8	0 3	0 0	0 0	0.0	
VMP-60-33.5	10/23/2017	0908	-3 89	-5.12	0.0	0	0.7	20.3	0.7	4.7	0 0	4.7	
VMP-60-33.5-Dup	10/23/2017	0908	NM	NM	0.0	0	0.7	20.3	0.7	3 2	0 0	3.2	Duplicate sample.
VMP-60-33.5	11/27/2017	0906	-0.73	-0.73	5.8	OVR	1.3	19.4	172	13100	8538	4562	
VMP-60-33.5	12/18/2017	0956	-0 50	-0 63	0.7	14	0.4	20.4	118	2677	1999	678	
VMP-60-33.5-Dup	12/18/2017	0956	NM	NM	2.0	40	0.7	20.1	118	5919	4224	1695	Duplicate sample.
VMP-60-33.5	1/19/2018	0855	-0 29	-0 32	0.0	0	0.3	20.6	1 6	18.2	8 8	9.4	
VMP-60-33.5-Dup	1/19/2018	0855	NM	NM	0.0	0	0.3	20.6	1 6	18.8	9 5	9.3	Duplicate sample.
VMP-60-33.5	2/22/2018	0841	-0 53	-0.78	0.0	0	0.1	20.7	4.4	27.2	2.7	24.5	
VMP-60-33.5	3/14/2018	0922	-0 94	-0 83	0.0	0	0.1	20.8	0.7	0 0	0 0	0.0	
VMP-60-33.5-Dup	3/14/2018	0922	NM	NM	0.0	0	0.1	20.8	0.7	0 0	0 0	0.0	Duplicate sample.
VMP-60-33.5	4/24/2018	1318	-1 22	-0 86	0.0	0	0.2	20.7	0.4	0 0	0 0	0.0	
VMP-60-33.5	5/29/2018	0845	-0.72	-0 91	0.0	0	0.5	20.3	0 3	0 0	0 0	0.0	
VMP-60-33.5-Dup	5/29/2018	0845	NM	NM	0.0	0	0.5	20.3	0 3	0 0	0 0	0.0	Duplicate sample.
VMP-60-33.5	6/19/2018	0903	-0 58	-0 51	0.0	0	0.9	19.7	0.4	0 0	0 0	0.0	
VMP-61-5	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP in construction area.
VMP-61-5	8/16/2017	1450	0 00	0 00	0.0	0	1.9	19.1	0 8	0 0	0 0	0.0	
VMP-61-5	9/13/2017	1253	-0.72	0 00	0.0	0	1.7	19.2	0 3	0 0	0 0	0.0	
VMP-61-5	10/23/2017	1318	0 09	0 00	0.0	0	1.7	19.4	0 3	0 0	0 0	0.0	
VMP-61-5	11/27/2017	1240	0 00	0 00	0.0	0	0.9	20.2	0 2	0 0	0 0	0.0	
VMP-61-5	12/18/2017	1331	0 00	0 00	0.0	0	0.7	20.3	0.1	0 0	0 0	0.0	
VMP-61-5	1/19/2018	1343	0.13	0.15	0.0	0	0.5	20.3	0.1	0 0	0 0	0.0	
VMP-61-5	2/21/2018	0837	-0.45	-0 30	0.0	0	0.4	20.6	0 3	0 0	0 0	0.0	
VMP-61-5	3/14/2018	1426	0.13	0 00	0.0	0	0.4	20.6	0.4	0 0	0 0	0.0	
VMP-61-5	4/24/2018	1511	-0 21	-0.18	0.0	0	0.4	20.6	0 3	0 0	0 0	0.0	
VMP-61-5	5/29/2018	1248	-0.17	-0.17	0.0	0	0.8	20.0	0 2	0 0	0 0	0.0	
VMP-61-5	6/19/2018	1244	-0.10	-0.17	0.0	0	0.8	20.1	0.1	0 0	0 0	0.0	
VMP-61-10	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP in construction area.
VMP-61-10	8/16/2017	1451	0 00	0 00	0.0	0	1.0	19.7	0 9	0 0	0 0	0.0	
VMP-61-10	9/13/2017	1255	-0 25	-0.19	0.0	0	0.9	19.7	0.1	0 0	0 0	0.0	
VMP-61-10	10/23/2017	1320	0 00	0 00	0.0	0	1.1	19.6	0.4	0 0	0 0	0.0	
VMP-61-10	11/27/2017	1241	0 00	0 00	0.0	0	0.7	20.0	0.4	0 0	0 0	0.0	
VMP-61-10	12/19/2017	1321	-0 09	-0.10	0.0	0	0.7	20.1	0.1	0 0	0 0	0.0	
VMP-61-10	1/19/2018	1344	0.17	0.17	0.0	0	0.6	19.7	0 2	0 0	0 0	0.0	
VMP-61-10	2/21/2018	0838	-0 68	-0.49	0.0	0	0.4	20.5	0 0	0 0	0 0	0.0	
VMP-61-10	3/14/2018	1428	0.13	0 00	0.0	0	0.4	20.5	0 8	0 0	0 0	0.0	
VMP-61-10	4/24/2018	1513	-0 37	-0 36	0.0	0	0.3	20.7	0 2	0 0	0 0	0.0	
VMP-61-10	5/29/2018	1249	-0 33	-0 34	0.0	0	0.5	20.4	0.1	0 0	0 0	0.0	
VMP-61-10	6/19/2018	1245	-0 26	-0 26	0.0	0	0.7	20.3	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-61-20	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP in construction area.
VMP-61-20	8/16/2017	1452	0 00	0 00	0.0	0	1.7	19.2	1.4	0 0	0 0	0.0	
VMP-61-20	9/13/2017	1257	-0.12	-0 09	0.0	0	1.5	19.4	0.1	0 0	0 0	0.0	
VMP-61-20	10/23/2017	1322	0 09	0 00	0.0	0	1.7	19.3	0.4	0 0	0 0	0.0	
VMP-61-20-Dup	10/23/2017	1322	NM	NM	0.0	0	1.6	19.4	0.4	0 0	0 0	0.0	Duplicate sample.
VMP-61-20	11/27/2017	1242	0 00	0 00	0.0	0	0.8	20.1	0 3	0 0	0 0	0.0	
VMP-61-20	12/18/2017	1333	0 00	0 00	0.0	0	0.6	20.4	0 2	0 0	0 0	0.0	
VMP-61-20	1/19/2018	1345	0.14	0.13	0.0	0	0.5	20.2	0.1	0 0	0 0	0.0	
VMP-61-20	2/21/2018	0839	-0.48	-0 33	0.0	0	0.4	20.6	0 0	0 0	0 0	0.0	
VMP-61-20	3/14/2018	1430	0.13	0 00	0.0	0	0.6	20.4	0 9	0 0	0 0	0.0	
VMP-61-20	4/24/2018	1515	-0 21	-0.18	0.0	0	0.0	20.9	0 3	0 0	0 0	0.0	
VMP-61-20	5/29/2018	1250	-0.17	-0.17	0.0	0	0.8	20.0	0 0	0 0	0 0	0.0	
VMP-61-20-Dup	5/29/2018	1250	NM	NM	0.0	0	0.7	20.0	0 0	0 0	0 0	0.0	Duplicate sample.
VMP-61-20	6/19/2018	1246	-0.10	-0.17	0.0	0	1.2	19.6	0.4	0 0	0 0	0.0	
VMP-61-20-Dup	6/19/2018	1246	NM	NM	0.0	0	1.2	19.6	0 3	0 0	0 0	0.0	Duplicate sample.
VMP-61-30	7/18/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP in construction area.
VMP-61-30	8/16/2017	NM	-1.19	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	9/13/2017	1258	-18.61	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	10/23/2017	1324	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	11/27/2017	1243	-0 24	NM	0.0	0	3.4	17.3	0.1	0 0	0 0	0.0	Water encountered while collecting duplicate sample. Did not measure stabilized vacuum.
VMP-61-30	12/19/2017	1322	0 00	-0.76	0.0	0	3.6	17.6	0 2	0 0	0 0	0.0	
VMP-61-30	1/19/2018	1346	0 35	0 20	0.0	0	3.4	17.7	0.1	0 0	0 0	0.0	
VMP-61-30	2/21/2018	0840	-0 89	-0 60	0.0	0	3.0	18.4	0 2	0 0	0 0	0.0	
VMP-61-30	3/14/2018	1443	0.13	0 00	0.0	0	2.3	19.2	0 2	0 0	0 0	0.0	
VMP-61-30-Dup	3/14/2018	1443	NM	NM	0.0	0	2.8	18.9	0 2	0 0	0 0	0.0	Duplicate sample.
VMP-61-30	4/24/2018	1517	0.74	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	5/29/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	6/19/2018	1247	-0 28	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-62-5	7/18/2017	0826	-0 55	0 36	0.0	0	3.1	18.4	0 5	0 0	0 0	0.0	
VMP-62-5	8/17/2017	0901	0 00	0 00	0.0	0	4.0	17.4	1 0	0 0	0 0	0.0	
VMP-62-5	9/14/2017	0842	-0 36	0 00	0.0	0	3.0	18.2	0.4	0 0	0 0	0.0	
VMP-62-5	10/24/2017	0932	-0 32	-0.11	0.0	0	0.8	20.2	0 2	0 0	0 0	0.0	
VMP-62-5	11/28/2017	824	0 00	0 00	0.0	0	1.0	19.9	0 5	0 0	0 0	0.0	
VMP-62-5	12/19/2017	0822	0 00	0 00	0.0	0	0.5	20.4	0 2	0.7	0.7	0.0	
VMP-62-5	1/19/2018	1054	0 00	0 00	0.0	0	0.6	20.3	0 2	0 0	0 0	0.0	
VMP-62-5	2/21/2018	1115	0 00	0 00	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-62-5	3/15/2018	1036	0 00	0 00	0.0	0	0.7	20.4	0.1	0 0	0 0	0.0	
VMP-62-5	4/25/2018	0923	0 00	0 00	0.0	0	0.9	19.9	0.1	0 0	0 0	0.0	
VMP-62-5	5/30/2018	0833	0 00	0 00	0.0	0	3.4	17.2	0.4	1 0	0 0	1.0	
VMP-62-5	6/19/2018	1539	0 00	-0.15	0.0	0	3.0	18.1	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-62-10	7/18/2017	0828	0 00	0 00	0.0	0	4.0	17.7	0 5	0 0	0 0	0.0	
VMP-62-10	8/17/2017	0902	-0.19	-0.11	0.0	0	3.2	18.2	0.4	0 0	0 0	0.0	
VMP-62-10	9/14/2017	0844	-0 59	0 00	0.0	0	3.0	18.3	0 3	0 0	0 0	0.0	
VMP-62-10	10/24/2017	0934	-0 39	-0.15	0.0	0	0.8	20.2	0 3	0 0	0 0	0.0	
VMP-62-10	11/28/2017	825	-0.14	0 00	0.0	0	1.3	19.6	0 2	0 0	0 0	0.0	
VMP-62-10	12/19/2017	0823	0 00	0 00	0.0	0	0.9	20.1	0 0	0 0	0 0	0.0	
VMP-62-10	1/19/2018	1055	0 00	0 00	0.0	0	1.0	19.9	0 2	0 0	0 0	0.0	
VMP-62-10	2/21/2018	1116	-0.13	-0.13	0.0	0	0.8	20.3	0.1	0 0	0 0	0.0	
VMP-62-10	3/15/2018	1037	0 00	0 00	0.0	0	0.8	20.2	0 3	0 0	0 0	0.0	
VMP-62-10	4/25/2018	0925	-0.10	-0.13	0.0	0	1.0	19.0	0 2	0 0	0 0	0.0	
VMP-62-10	5/30/2018	0834	-0.19	-0.18	0.0	0	2.8	18.4	0 5	2.1	0 0	2.1	
VMP-62-10	6/19/2018	1540	-0.17	-0.10	0.0	0	3.3	17.9	0.4	0 0	0 0	0.0	
VMP-62-20	7/18/2017	0830	-1 31	-1 39	0.0	0	3.2	18.1	0 3	0 0	0 0	0.0	
VMP-62-20	8/17/2017	0903	-1 01	-1 29	0.0	0	3.0	18.3	0.4	0 0	0 0	0.0	
VMP-62-20	9/14/2017	0846	-1 37	-1 24	0.0	0	2.4	18.7	0.4	0 0	0 0	0.0	
VMP-62-20	10/24/2017	0936	-1.78	-1 22	0.0	0	2.2	19.1	0 2	0 0	0 0	0.0	
VMP-62-20	11/28/2017	826	-0.14	0 00	0.0	0	1.4	19.5	0.1	0 0	0 0	0.0	
VMP-62-20	12/19/2017	0824	-1.16	-1 09	0.0	0	1.1	19.9	0.1	4.7	4 6	0.1	
VMP-62-20	1/19/2018	1056	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-62-20	2/21/2018	1117	-1 35	-1 35	0.0	0	0.8	20.3	0 6	12.5	0 0	12.5	
VMP-62-20	3/15/2018	1038	-0 80	-1.11	0.0	0	0.1	20.0	0.1	0 6	0 6	0.0	
VMP-62-20	4/25/2018	0927	-1 55	-1 57	0.0	0	1.2	19.5	0 3	6 5	6 5	0.0	
VMP-62-20	5/30/2018	0835	-2.15	-1 35	0.0	0	2.1	18.7	0.4	14.6	8 8	5.8	
VMP-62-20	6/19/2018	1541	-2 55	-1.12	0.0	0	2.8	18.1	0 5	24.5	24.5	0.0	
VMP-62-30	7/18/2017	0832	-2 69	-2 58	0.0	0	1.7	19.4	0 3	0 0	0 0	0.0	
VMP-62-30-Dup	7/18/2017	0832	NM	NM	0.0	0	1.7	19.4	0 3	0 0	0 0	0.0	Duplicate sample.
VMP-62-30	8/17/2017	0904	-2.47	-2 54	0.0	0	1.7	19.4	0 6	0 0	0 0	0.0	
VMP-62-30	9/14/2017	0848	-2 61	-2 54	0.0	0	1.6	19.4	0 8	0 0	0 0	0.0	
VMP-62-30	10/24/2017	0938	-3 06	-2.44	0.0	0	1.5	19.6	0.1	0 0	0 0	0.0	
VMP-62-30-Dup	10/24/2017	0938	NM	NM	0.0	0	1.5	19.6	0.1	0 0	0 0	0.0	Duplicate sample.
VMP-62-30	11/28/2017	827	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-62-30	12/19/2017	1358	-1 94	-1 82	0.0	0	0.9	20.1	0 2	0 0	0 0	0.0	
VMP-62-30	1/19/2018	1057	-1 29	0 00	0.0	0	1.0	19.9	0 3	0 0	0 0	0.0	
VMP-62-30	2/21/2018	1118	-2 23	-2 59	0.0	0	0.8	20.1	0 6	0 0	0 0	0.0	
VMP-62-30-Dup	2/21/2018	1118	NM	NM	0.0	0	0.8	20.1	0 6	0 0	0 0	0.0	Duplicate sample.
VMP-62-30	3/15/2018	1039	-1 04	-0 66	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	Re-sampled due to elevated oxygen.
VMP-62-30	3/15/2018	1357	-1 83	NM	0.0	0	0.5	19.7	0 8	0 0	0 0	0.0	Re-sample.
VMP-62-30-Dup	3/15/2018	1039	NM	NM	0.0	0	0.1	2.1	0 2	0 0	0 0	0.0	Duplicate sample.
VMP-62-30-Dup	3/15/2018	1357	NM	NM	0.0	0	0.5	19.7	0 8	0 0	0 0	0.0	Duplicate sample. Re-sample.
VMP-62-30	4/25/2018	0929	-2.75	-2 80	0.0	0	0.5	20.4	0 2	0 0	0 0	0.0	
VMP-62-30	5/30/2018	0836	-3 52	-2 58	0.0	0	0.8	19.9	0.4	0 6	0 6	0.0	
VMP-62-30	6/19/2018	1542	-2 81	-2 05	0.0	0	1.3	19.5	0 2	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-63-5	7/17/2017	1527	-0 25	-0 24	0.0	0	0.3	20.6	0.1	0 0	0 0	0.0	
VMP-63-5	8/16/2017	0845	-0 28	0 00	0.0	0	0.3	20.7	0.4	0 0	0 0	0.0	
VMP-63-5	9/14/2017	0809	-0 25	-0.16	0.0	0	0.2	20.6	0 2	0 0	0 0	0.0	
VMP-63-5	10/24/2017	0911	-0 28	-0 20	0.0	0	0.2	20.8	0 3	0 0	0 0	0.0	
VMP-63-5	11/27/2017	1427	0 00	-0 24	0.0	0	0.1	20.7	0 2	0 0	0 0	0.0	
VMP-63-5	12/19/2017	0804	-0.18	-0.16	0.0	0	0.0	20.8	0 2	0 0	0 0	0.0	
VMP-63-5	1/19/2018	1304	0 00	0 00	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-63-5	2/21/2018	1050	-0 28	-0 31	0.0	0	0.0	20.9	0 6	0 0	0 0	0.0	
VMP-63-5	3/15/2018	0954	0 00	-0 25	0.0	0	0.0	20.9	0 0	0 0	0 0	0.0	
VMP-63-5	3/30/2018	1214	-0 63	NM	0.0	0	0.1	20.9	0.1	0 0	0 0	0.0	
VMP-63-5-Dup	3/30/2018	1214	NM	NM	0.0	0	0.0	20.9	0.1	0 0	0 0	0.0	Duplicate sample.
VMP-63-5	4/11/2018	1140	0.15	NM	0.0	0	0.0	20.8	0 3	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-63-5	4/25/2018	0845	-0 39	-0 39	0.0	0	0.1	20.7	0 3	0 0	0 0	0.0	
VMP-63-5	5/30/2018	0816	-0 33	-0 30	0.0	0	0.3	20.7	0 2	0 0	0 0	0.0	
VMP-63-5	6/19/2018	1434	-0 26	-0 27	0.0	0	0.2	20.7	0.1	0 0	0 0	0.0	
VMP-63-10	7/17/2017	1529	-0.49	-0.47	0.0	0	0.6	20.4	0.4	0 0	0 0	0.0	
VMP-63-10	8/16/2017	0846	-0 53	-0 50	0.0	0	0.5	20.5	0.4	0 0	0 0	0.0	
VMP-63-10	9/14/2017	0811	-0.48	-0 37	0.0	0	0.3	20.5	0.1	0 0	0 0	0.0	
VMP-63-10	10/24/2017	0913	-0.46	-0 37	0.0	0	0.3	20.7	0 2	0 0	0 0	0.0	
VMP-63-10	11/27/2017	1428	-0 33	-0.18	0.0	0	0.1	20.7	0.1	0 0	0 0	0.0	
VMP-63-10	12/19/2017	0805	0 00	-0 32	0.0	0	0.0	20.8	0 2	0 0	0 0	0.0	
VMP-63-10	1/19/2018	1305	-0 22	0 00	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-63-10	2/21/2018	1051	-0.10	-0 35	0.0	0	0.1	20.8	0 5	0 0	0 0	0.0	
VMP-63-10	3/15/2018	0955	-0.42	-0 35	0.0	0	0.1	20.9	0 2	0 0	0 0	0.0	
VMP-63-10	3/30/2018	1215	-0.43	NM	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-63-10	4/11/2018	1141	0 00	NM	0.0	0	0.1	20.7	0 2	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-63-10	4/25/2018	0847	-0 59	-1.16	0.0	0	0.1	20.7	0 2	0 0	0 0	0.0	
VMP-63-10	5/30/2018	0817	-0 86	-0 87	0.0	0	0.4	20.6	0 0	0 0	0 0	0.0	
VMP-63-10	6/19/2018	1435	-0 69	-0 61	0.0	0	0.5	20.5	0 2	0 0	0 0	0.0	
VMP-63-20	7/17/2017	1531	-1 62	-1 59	0.0	0	0.8	20.2	0 5	0 0	0 0	0.0	
VMP-63-20	8/16/2017	0847	-1 84	-1.71	0.0	0	0.8	20.2	0.4	0 0	0 0	0.0	
VMP-63-20	9/14/2017	0813	-1.78	-1 64	0.0	0	0.6	20.3	0 2	0 0	0 0	0.0	
VMP-63-20	10/24/2017	0915	-1 68	-1 59	0.0	0	0.5	20.5	0 3	0 0	0 0	0.0	
VMP-63-20	11/27/2017	1429	-1 00	-1 04	0.0	0	0.2	20.7	0.1	0 0	0 0	0.0	
VMP-63-20	12/19/2017	0806	-1 31	-1 38	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-63-20-Dup	12/19/2017	0806	NM	NM	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	Duplicate sample.
VMP-63-20	1/19/2018	1306	-0 55	-0 55	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-63-20	2/21/2018	1052	-1 69	-1.72	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-63-20	3/15/2018	0957	-1.47	-1 37	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-63-20	3/30/2018	1216	-2 03	NM	0.0	0	0.1	20.8	0 3	0 0	0 0	0.0	
VMP-63-20	4/11/2018	1142	0 33	NM	0.0	0	0.1	20.6	0 3	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-63-20	4/25/2018	0849	-2 06	-2.15	0.0	0	0.1	20.7	0 0	0 0	0 0	0.0	
VMP-63-20	5/30/2018	0818	-1 90	-1 99	0.0	0	0.5	20.5	0 0	0 0	0 0	0.0	
VMP-63-20	6/19/2018	1436	-1.41	-1.48	0.0	0	0.2	20.7	0 3	0 0	0 0	0.0	

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SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-63-30	7/17/2017	1533	-1 89	-1 88	0.0	0	1.1	20.0	0.4	0 0	0 0	0.0	
VMP-63-30	8/16/2017	0848	-2.16	-2 02	0.0	0	1.1	20.0	0 8	0 0	0 0	0.0	
VMP-63-30	9/14/2017	0815	-1 90	-1 96	0.0	0	0.9	20.1	0 3	0 0	0 0	0.0	
VMP-63-30-Dup	9/14/2017	0815	NM	NM	0.0	0	0.9	20.1	0 3	0 0	0 0	0.0	Duplicate sample.
VMP-63-30	10/24/2017	0917	-1 99	-2 07	0.0	0	0.7	20.3	0 2	0 0	0 0	0.0	
VMP-63-30	11/27/2017	1430	-1 23	-1 27	0.0	0	0.4	20.5	0 3	0 0	0 0	0.0	
VMP-63-30	12/19/2017	1418	-1 36	-1 36	0.0	0	0.4	20.5	0 0	0 0	0 0	0.0	
VMP-63-30	1/19/2018	1307	-0.73	-0.72	0.0	0	0.4	20.6	0.4	0 0	0 0	0.0	
VMP-63-30	2/21/2018	1053	-1.74	-1.73	0.0	0	0.1	20.8	0 3	0 0	0 0	0.0	
VMP-63-30	3/15/2018	0958	-6 84	-0.41	0.0	0	0.1	20.9	0.4	0 0	0 0	0.0	
VMP-63-30	3/30/2018	1217	-1 92	NM	0.0	0	0.0	20.9	0.4	0 0	0 0	0.0	
VMP-63-30	4/11/2018	1143	0 00	NM	0.0	0	0.1	20.6	0.4	0 0	0 0	0.0	SVE system was shutdown from 12:40 pm 4/4/18 to 14:07 pm 4/11/18.
VMP-63-30-Dup	4/11/2018	1143	0.13	NM	0.0	0	0.1	20.6	0.4	0 0	0 0	0.0	Duplicate sample. SVE system was shutdown from 12:40 pm 4/4/18 to 14 07 pm 4/11/18.
VMP-63-30	4/25/2018	0851	-2 32	-2.12	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	
VMP-63-30-Dup	4/25/2018	0851	NM	NM	0.0	0	0.0	20.9	0 5	0 0	0 0	0.0	Duplicate sample.
VMP-63-30	5/30/2018	0819	-2 26	-2 24	0.0	0	0.2	20.7	0 0	0 0	0 0	0.0	
VMP-63-30-Dup	5/30/2018	0819	NM	NM	0.0	0	0.2	20.6	0 0	0 0	0 0	0.0	Duplicate sample.
VMP-63-30	6/19/2018	1437	-1 33	-1 67	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-64-5	7/17/2017	1507	0 00	0 00	0.0	0	2.1	19.3	0 2	0 0	0 0	0.0	
VMP-64-5	8/16/2017	0918	0 00	0 00	0.0	0	0.7	20.2	0 0	0 0	0 0	0.0	
VMP-64-5	9/13/2017	1448	0 00	0 00	0.0	0	0.6	20.3	0.7	0 0	0 0	0.0	
VMP-64-5	10/24/2017	0838	0 00	0 00	0.0	0	0.5	20.4	0.4	0 0	0 0	0.0	
VMP-64-5	11/27/2017	1412	0 00	-0 36	0.0	0	0.1	20.6	0.1	0 0	0 0	0.0	
VMP-64-5	12/18/2017	1435	0 00	0 00	0.0	0	0.1	20.8	0 2	0 0	0 0	0.0	
VMP-64-5	1/19/2018	1316	0 00	0 00	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-64-5	2/21/2018	1026	0 00	0 00	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	
VMP-64-5-Dup	2/21/2018	1026	NM	NM	0.0	0	0.1	20.8	0.1	0 0	0 0	0.0	Duplicate sample.
VMP-64-5	3/15/2018	0934	0 00	0 00	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-64-5	4/25/2018	0829	0 00	0 00	0.0	0	0.0	20.9	0 2	0 0	0 0	0.0	
VMP-64-5	5/29/2018	1420	0 00	0 00	0.0	0	0.2	20.6	0 2	0 0	0 0	0.0	
VMP-64-5	6/19/2018	1420	0 00	0 00	0.0	0	0.3	20.0	0.1	0 0	0 0	0.0	
VMP-64-10	7/17/2017	1509	-0.15	-0.15	0.0	0	3.7	17.3	0 5	0 0	0 0	0.0	
VMP-64-10	8/16/2017	0919	-0 20	-0.15	0.0	0	3.9	17.3	0.7	0 0	0 0	0.0	
VMP-64-10	9/13/2017	1450	0 00	0 00	0.0	0	3.5	18.0	0 2	0 0	0 0	0.0	
VMP-64-10	10/24/2017	0840	-0.16	-0.14	0.0	0	3.4	17.9	0 3	0 0	0 0	0.0	
VMP-64-10	11/27/2017	1413	0 00	-0.13	0.0	0	2.5	18.7	0 2	0 0	0 0	0.0	
VMP-64-10	12/18/2017	1436	-0 36	0 00	0.0	0	1.9	19.3	0 2	0 0	0 0	0.0	
VMP-64-10	1/19/2018	1317	0 22	0 00	0.0	0	1.9	19.3	0 2	0 0	0 0	0.0	
VMP-64-10	2/21/2018	1027	-0.13	-0 55	0.0	0	1.0	20.1	0 9	0 0	0 0	0.0	
VMP-64-10	3/15/2018	0935	0 32	-0.13	0.0	0	0.1	20.0	0 5	0 0	0 0	0.0	
VMP-64-10	4/25/2018	0831	-0 28	-0 33	0.0	0	1.0	20.0	0 2	0 0	0 0	0.0	
VMP-64-10	5/29/2018	1421	-0.11	-0.14	0.0	0	1.8	18.5	0 5	0 0	0 0	0.0	
VMP-64-10	6/19/2018	1421	-0.12	-0.15	0.0	0	2.6	17.8	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-64-20	7/17/2017	1511	-0 26	-0 31	0.0	0	3.3	17.7	0.7	0 0	0 0	0.0	
VMP-64-20	8/16/2017	0920	-0 34	-0 26	0.0	0	4.4	16.5	0 3	0 0	0 0	0.0	
VMP-64-20-Dup	8/16/2017	0920	NM	NM	0.0	0	4.4	16.5	0 3	0 0	0 0	0.0	Duplicate sample.
VMP-64-20	9/13/2017	1452	-0.10	-0 09	0.0	0	4.1	17.4	0 3	0 0	0 0	0.0	
VMP-64-20-Dup	9/13/2017	1452	NM	NM	0.0	0	4.2	17.4	0 3	0 0	0 0	0.0	Duplicate sample.
VMP-64-20	10/24/2017	0842	-0 33	-0 29	0.0	0	4.0	17.6	0 5	0 0	0 0	0.0	
VMP-64-20	11/27/2017	1414	0 00	0 00	0.0	0	3.3	17.8	0.4	0 0	0 0	0.0	
VMP-64-20	12/18/2017	1437	0 00	0 00	0.0	0	3.0	18.4	0 2	0 0	0 0	0.0	
VMP-64-20	1/19/2018	1318	0.14	0.14	0.0	0	3.0	18.0	0.4	0 0	0 0	0.0	
VMP-64-20	2/21/2018	1028	-0 25	-0 32	0.0	0	1.8	19.6	0 2	0 0	0 0	0.0	
VMP-64-20	3/15/2018	0936	-0 84	-0 28	0.0	0	1.6	19.6	0 3	0 0	0 0	0.0	
VMP-64-20	4/25/2018	0833	-0.47	-0 59	0.0	0	1.4	19.5	0 9	0 0	0 0	0.0	
VMP-64-20	5/29/2018	1422	-0.17	-0 25	0.0	0	1.6	18.7	0.1	0 0	0 0	0.0	
VMP-64-20	6/19/2018	1422	-0.18	-0 20	0.0	0	2.0	18.3	0 3	0 0	0 0	0.0	
VMP-64-28	7/17/2017	1513	-0 30	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	8/16/2017	0921	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	9/13/2017	1453	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	10/24/2017	0844	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	11/27/2017	1429	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	12/18/2017	1438	1 31	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	1/19/2018	1319	0 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	2/21/2018	1029	-1 36	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	3/15/2018	0938	0 27	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	4/25/2018	0834	0 58	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	5/29/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	6/19/2018	1423	-0.13	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.

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Acetone			Allyl chloride (3-Chloropropene)			Benzene			Bromodichloromethane			Bromoform			Bromomethane		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-070517	7/5/2017	0.13	J		0.32	U		14			0.17	U		0.27	U		0.4	U	
SVE Public Works Header	Pw Header-SVE-080917	8/9/2017	0.4	U		0.52	U		17			0.28	U		0.43	U		0.65	U	
SVE Public Works Header	PW-Header-SVE-090117	9/1/2017	0.61	U		0.8	U		22			0.43	U		0.66	U		0.99	U	
SVE Public Works Header	PW-Header-SVE-100317	10/3/2017	3.2			1.1	U		30			0.6	U		0.93	U		1.4	U	
SVE Public Works Header	PW-Header-SVE-110117	11/1/2017	0.8	U		1	U		20			0.56	U		0.87	U		1.3	U	
SVE Public Works Header	PW-Header-SVE-120617	12/6/2017	0.72	U		0.95	U		13			0.51	U		0.78	U		1.2	U	
SVE Public Works Header	PW-Header-SVE-011118	1/11/2018	5.8			1.5	U		50			0.83	U		1.3	U		1.9	U	
SVE Public Works Header	PW-Header-SVE-020118	2/1/2018	1.9	U		2.5	U		73			1.4	U		2.1	U		3.2	U	
SVE Public Works Header	PW-Header-SVE-030118	3/1/2018	0.38	J		2	U		58			1.1	U		1.7	U		2.5	U	
SVE Public Works Header	PW-Header-SVE-040318	4/3/2018	0.36	J		2.6	U		54			1.4	U		2.2	U		3.3	U	
SVE Public Works Header	PW-Header-SVE-050418	5/4/2018	20			4.1	U		110			2.2	U		3.4	U		5.1	U	
SVE Public Works Header	PW-Header-SVE-060118	6/1/2018	2.4	U		3.2	U		39			1.7	U		2.6	U		4	U	
SVE Refinery Header	WFL-Header-SVE-070517	7/5/2017	2.4	U		3.1	U		19			1.7	U		2.6	U		3.9	U	
SVE Refinery Header	WFL Header-SVE-080917	8/9/2017	1.2	U		1.5	U		18			0.82	U		1.3	U		1.9	U	
SVE Refinery Header	WFL-Header-SVE-090117	9/1/2017	1.2	U		1.6	U		19			0.84	U		1.3	U		2	U	
SVE Refinery Header	WFL-Header-SVE-100317	10/3/2017	2	U		2.6	U		22			1.4	U		2.2	U		3.3	U	
SVE Refinery Header	WFL-Header-SVE-110117	11/1/2017	2	U		2.6	U		16			1.4	U		2.2	U		3.3	U	
SVE Refinery Header	WFL-Header-SVE-120617	12/6/2017	1.4	U		1.8	U		17			0.98	U		1.5	U		2.3	U	
SVE Refinery Header	WFL-Header-SVE-011118	1/11/2018	7.6			2.6	U		28			1.4	U		2.2	U		3.3	U	
SVE Refinery Header	WFL-Header-SVE-020118	2/1/2018	1.9	U		2.6	U		23			1.4	U		2.1	U		3.2	U	
SVE Refinery Header	WFL-Header-SVE-030118	3/1/2018	2.1	U		2.7	U		21			1.5	U		2.2	U		3.4	U	
SVE Refinery Header	WFL-Header-SVE-040318	4/3/2018	3.1	U		4	U		33			2.2	U		3.3	U		5	U	
SVE Refinery Header	WFL-Header-SVE-050418	5/4/2018	3	U		4	U		45			2.1	U		3.3	U		4.9	U	
SVE Refinery Header	WFL-Header-SVE-060118	6/1/2018	3	U		3.9	U		28			2.1	U		3.2	U		4.8	U	
SVE RTO Exhaust	Exh-SVE-070517	7/5/2017	1.7			0.063	U		0.94			0.034	U		0.052	U		0.2	U	
SVE RTO Exhaust	Exh-SVE-080917	8/9/2017	0.047	J		0.064	U		0.13			0.034	U		0.053	U		0.2	U	
SVE RTO Exhaust	Exh-SVE-090117	9/1/2017	0.017	J		0.032	U		0.041			0.017	U		0.026	U		0.098	U	
SVE RTO Exhaust	Exh-SVE-100317	10/3/2017	0.059	J		0.034	U		0.076			0.018	U		0.028	U		0.1	U	
SVE RTO Exhaust	Exh-SVE-110117	11/1/2017	0.14			0.064	U		0.14			0.034	U		0.053	U		0.2	U	
SVE RTO Exhaust	Exh-SVE-120617	12/6/2017	0.75			0.064	U		0.16			0.034	U		0.053	U		0.2	U	
SVE RTO Exhaust	Exh-SVE-011118	1/11/2018	3	E	J	0.036	U		0.18			0.019	U		0.03	U		0.11	ND,UJ	UJ
SVE RTO Exhaust	Exh-SVE-020118	2/1/2018	1.5			0.074	U		0.23			0.04	U		0.062	U		0.23	U	
SVE RTO Exhaust	Exh-SVE-030118	3/1/2018	2.6			0.12	U		0.23			0.063	U		0.097	U		0.36	U	
SVE RTO Exhaust	Exh-SVE-040318	4/3/2018	3.8			0.1	U		0.21			0.056	U		0.087	U		0.33	U	
SVE RTO Exhaust	Exh-SVE-050418	5/4/2018	0.36			0.12	U		0.41			0.062	U		0.095	U		0.36	U	
SVE RTO Exhaust	Exh-SVE-060118	6/1/2018	3			0.12	U		0.31			0.063	U		0.098	U		0.37	U	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	1,3-Butadiene			Butane			2-Butanone			Carbon disulfide			Carbon tetrachloride			Chlorobenzene		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-070517	7/5/2017	0.057	U		23			0.3	U		0.32	U		0.16	U		0.12	U	
SVE Public Works Header	Pw Header-SVE-080917	8/9/2017	0.092	U		96			0.49	U		0.52	U		0.26	U		0.19	U	
SVE Public Works Header	PW-Header-SVE-090117	9/1/2017	0.14	U		150			0.75	U		0.8	U		0.4	U		0.29	U	
SVE Public Works Header	PW-Header-SVE-100317	10/3/2017	0.2	U		140			1.1	U		1.1	U		0.57	U		0.41	U	
SVE Public Works Header	PW-Header-SVE-110117	11/1/2017	0.18	U		140			0.99	U		1	U		0.53	U		0.39	U	
SVE Public Works Header	PW-Header-SVE-120617	12/6/2017	0.17	U		120			0.9	U		0.95	U		0.48	U		0.35	U	
SVE Public Works Header	PW-Header-SVE-011118	1/11/2018	0.27	U		300			1.4	U		1.5	U		0.78	U		0.57	U	
SVE Public Works Header	PW-Header-SVE-020118	2/1/2018	0.45	U		430			2.4	U		2.5	U		1.3	U		0.93	U	
SVE Public Works Header	PW-Header-SVE-030118	3/1/2018	0.36	U		290			1.9	U		2	U		0.5	J		0.75	U	
SVE Public Works Header	PW-Header-SVE-040318	4/3/2018	0.46	U		390			2.5	U		2.6	U		1.3	U		0.97	U	
SVE Public Works Header	PW-Header-SVE-050418	5/4/2018	0.73	U		670			3.9	U		4.1	U		2.1	U		1.5	U	
SVE Public Works Header	PW-Header-SVE-060118	6/1/2018	0.57	U		300			3	U		3.2	U		1.6	U		1.2	U	
SVE Refinery Header	WFL-Header-SVE-070517	7/5/2017	0.55	U		440			2.9	U		3.1	U		1.6	U		1.1	U	
SVE Refinery Header	WFL Header-SVE-080917	8/9/2017	0.27	U		350			1.4	U		1.5	U		0.77	U		0.56	U	
SVE Refinery Header	WFL-Header-SVE-090117	9/1/2017	0.28	U		420			1.5	U		1.6	U		0.79	U		0.58	U	
SVE Refinery Header	WFL-Header-SVE-100317	10/3/2017	0.46	U		480			2.5	U		2.6	U		1.3	U		0.97	U	
SVE Refinery Header	WFL-Header-SVE-110117	11/1/2017	0.47	U		390			2.5	U		2.6	U		1.3	U		0.97	U	
SVE Refinery Header	WFL-Header-SVE-120617	12/6/2017	0.32	U		330			1.7	U		1.8	U		0.92	U		0.67	U	
SVE Refinery Header	WFL-Header-SVE-011118	1/11/2018	0.47	U		760			2.5	U		2.6	U		1.3	U		0.97	U	
SVE Refinery Header	WFL-Header-SVE-020118	2/1/2018	0.45	U		580			2.4	U		2.6	U		1.3	U		0.94	U	
SVE Refinery Header	WFL-Header-SVE-030118	3/1/2018	0.48	U		450			2.6	U		2.7	U		1.4	U		1	U	
SVE Refinery Header	WFL-Header-SVE-040318	4/3/2018	0.72	U		880			3.8	U		4	U		2	U		1.5	U	
SVE Refinery Header	WFL-Header-SVE-050418	5/4/2018	0.7	U		1200			3.7	U		3.9	U		2	U		1.4	U	
SVE Refinery Header	WFL-Header-SVE-060118	6/1/2018	0.69	U		940			3.7	U		3.9	U		2	U		1.4	U	
SVE RTO Exhaust	Exh-SVE-070517	7/5/2017	0.0058	J		2.5			0.19			0.063	U		0.032	U		0.023	U	
SVE RTO Exhaust	Exh-SVE-080917	8/9/2017	0.011	U		2.3			0.066			0.064	U		0.032	U		0.024	U	
SVE RTO Exhaust	Exh-SVE-090117	9/1/2017	0.0056	U		0.48			0.02	J		0.0054	J		0.016	U		0.012	U	
SVE RTO Exhaust	Exh-SVE-100317	10/3/2017	0.006	U		1.3			0.08			0.034	J	U	0.017	U		0.012	U	
SVE RTO Exhaust	Exh-SVE-110117	11/1/2017	0.011	U		2.9			0.018	J		0.064	U		0.032	U		0.023	U	
SVE RTO Exhaust	Exh-SVE-120617	12/6/2017	0.011	U		2.3			0.12		J	0.064	U		0.032	U		0.023	U	
SVE RTO Exhaust	Exh-SVE-011118	1/11/2018	0.0063	U		2			0.42			0.036	U		0.018	U		0.013	U	
SVE RTO Exhaust	Exh-SVE-020118	2/1/2018	0.013	U		3.4			0.15			0.074	U		0.037	U		0.027	U	
SVE RTO Exhaust	Exh-SVE-030118	3/1/2018	0.021	U		4.1			0.3			0.12	U		0.059	U		0.043	U	
SVE RTO Exhaust	Exh-SVE-040318	4/3/2018	0.018	U		3.5			0.44			0.1	U		0.053	U		0.039	U	
SVE RTO Exhaust	Exh-SVE-050418	5/4/2018	0.02	U		4.9			0.11	U		0.11	U		0.058	U		0.042	U	
SVE RTO Exhaust	Exh-SVE-060118	6/1/2018	0.021	U		3.5			0.6			0.12	U		0.059	U		0.044	U	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-070517	7/5/2017	0.22	U		0.27	U		0.13	U		0.21	U		0.13	U		5.3		
SVE Public Works Header	Pw Header-SVE-080917	8/9/2017	0.35	U		0.44	U		0.2	U		0.34	U		0.22	U		9.5		
SVE Public Works Header	PW-Header-SVE-090117	9/1/2017	0.54	U		0.68	U		0.31	U		0.53	U		0.33	U		12		
SVE Public Works Header	PW-Header-SVE-100317	10/3/2017	0.77	U		0.95	U		0.44	U		0.74	U		0.46	U		18		
SVE Public Works Header	PW-Header-SVE-110117	11/1/2017	0.72	U		0.89	U		0.41	U		0.69	U		0.43	U		13		
SVE Public Works Header	PW-Header-SVE-120617	12/6/2017	0.65	U		0.8	U		0.37	U		0.63	U		0.39	U		9.7		
SVE Public Works Header	PW-Header-SVE-011118	1/11/2018	1	U		1.3	U		0.6	U		1	U		0.64	U		29		
SVE Public Works Header	PW-Header-SVE-020118	2/1/2018	1.7	U		2.1	U		0.99	U		1.7	U		1	U		33		
SVE Public Works Header	PW-Header-SVE-030118	3/1/2018	1.4	U		1.7	U		0.79	U		1.3	U		0.84	U		21		
SVE Public Works Header	PW-Header-SVE-040318	4/3/2018	1.8	U		2.2	U		1	U		1.7	U		1.1	U		32		
SVE Public Works Header	PW-Header-SVE-050418	5/4/2018	2.8	U		3.5	U		1.6	U		2.7	U		1.7	U		66		
SVE Public Works Header	PW-Header-SVE-060118	6/1/2018	2.2	U		2.7	U		1.2	U		2.1	U		1.3	U		30		
SVE Refinery Header	WFL-Header-SVE-070517	7/5/2017	2.1	U		2.6	U		1.2	U		2	U		1.3	U		34		
SVE Refinery Header	WFL Header-SVE-080917	8/9/2017	1	U		1.3	U		0.6	U		1	U		0.63	U		31		
SVE Refinery Header	WFL-Header-SVE-090117	9/1/2017	1.1	U		1.3	U		0.62	U		1	U		0.65	U		33		
SVE Refinery Header	WFL-Header-SVE-100317	10/3/2017	1.8	U		2.2	U		1	U		1.7	U		1.1	U		49		
SVE Refinery Header	WFL-Header-SVE-110117	11/1/2017	1.8	U		2.2	U		1	U		1.7	U		1.1	U		30		
SVE Refinery Header	WFL-Header-SVE-120617	12/6/2017	1.2	U		1.5	U		0.71	U		1.2	U		0.76	U		28		
SVE Refinery Header	WFL-Header-SVE-011118	1/11/2018	1.8	U		2.2	U		1	U		1.7	U		1.1	U		58		
SVE Refinery Header	WFL-Header-SVE-020118	2/1/2018	1.7	U		2.2	U		1	U		1.7	U		1.1	U		42		
SVE Refinery Header	WFL-Header-SVE-030118	3/1/2018	1.9	U		2.3	U		1.1	U		1.8	U		1.1	U		32		
SVE Refinery Header	WFL-Header-SVE-040318	4/3/2018	2.8	U		3.4	U		1.6	U		2.7	U		1.7	U		59		
SVE Refinery Header	WFL-Header-SVE-050418	5/4/2018	2.7	U		3.3	U		1.5	U		2.6	U		1.6	U		71		
SVE Refinery Header	WFL-Header-SVE-060118	6/1/2018	2.6	U		3.3	U		1.5	U		2.6	U		1.6	U		51		
SVE RTO Exhaust	Exh-SVE-070517	7/5/2017	0.043	U		0.053	U		0.025	U		0.1	U		0.026	U		0.2		
SVE RTO Exhaust	Exh-SVE-080917	8/9/2017	0.044	U		0.054	U		0.025	U		0.11	U		0.027	U		0.18		
SVE RTO Exhaust	Exh-SVE-090117	9/1/2017	0.021	U		0.026	U		0.012	U		0.052	U		0.013	U		0.037		
SVE RTO Exhaust	Exh-SVE-100317	10/3/2017	0.023	U		0.029	U		0.013	U		0.056	U		0.014	U		0.093		
SVE RTO Exhaust	Exh-SVE-110117	11/1/2017	0.043	U		0.054	U		0.025	U		0.1	U		0.026	U		0.19		
SVE RTO Exhaust	Exh-SVE-120617	12/6/2017	0.043	U		0.054	U		0.025	U		0.1	U		0.026	U		0.16		
SVE RTO Exhaust	Exh-SVE-011118	1/11/2018	0.024	U		0.03	U		0.014	U		0.059	U		0.015	U		0.16		
SVE RTO Exhaust	Exh-SVE-020118	2/1/2018	0.051	U		0.063	U		0.029	U		0.12	U		0.031	U		0.21		
SVE RTO Exhaust	Exh-SVE-030118	3/1/2018	0.08	U		0.099	U		0.046	U		0.19	U		0.048	U		0.25		
SVE RTO Exhaust	Exh-SVE-040318	4/3/2018	0.072	U		0.089	U		0.041	U		0.17	U		0.043	U		0.22		
SVE RTO Exhaust	Exh-SVE-050418	5/4/2018	0.078	U		0.097	U		0.045	U		0.19	U		0.048	U		0.3		
SVE RTO Exhaust	Exh-SVE-060118	6/1/2018	0.08	U		0.1	U		0.046	U		0.2	U		0.049	U		0.19		

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-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	Result (mg/m^3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070517	7/5/2017	0.2	U		0.16	U		0.16	U		0.16	U		0.13	U		0.1	U	
SVE Public Works Header	Pw Header-SVE-080917	8/9/2017	0.32	U		0.25	U		0.25	U		0.25	U		0.2	U		0.17	U	
SVE Public Works Header	PW-Header-SVE-090117	9/1/2017	0.49	U		0.38	U		0.081	J		0.38	U		0.32	U		0.26	U	
SVE Public Works Header	PW-Header-SVE-100317	10/3/2017	0.69	U		0.54	U		0.54	U		0.54	U		0.44	U		0.11	J	
SVE Public Works Header	PW-Header-SVE-110117	11/1/2017	0.64	U		0.5	U		0.5	U		0.5	U		0.42	U		0.34	U	
SVE Public Works Header	PW-Header-SVE-120617	12/6/2017	0.58	U		0.46	U		0.46	U		0.46	U		0.38	U		0.31	U	
SVE Public Works Header	PW-Header-SVE-011118	1/11/2018	0.95	U		0.74	U		0.74	U		0.74	U		0.61	U		0.5	U	
SVE Public Works Header	PW-Header-SVE-020118	2/1/2018	1.6	U		1.2	U		1.2	U		1.2	U		1	U		0.82	U	
SVE Public Works Header	PW-Header-SVE-030118	3/1/2018	1.2	U		0.98	U		0.98	U		0.98	U		0.8	U		0.66	U	
SVE Public Works Header	PW-Header-SVE-040318	4/3/2018	1.6	U		1.3	U		1.3	U		1.3	U		1	U		0.85	U	
SVE Public Works Header	PW-Header-SVE-050418	5/4/2018	2.5	U		2	U		2	U		2	U		1.6	U		1.3	U	
SVE Public Works Header	PW-Header-SVE-060118	6/1/2018	2	U		1.5	U		1.5	U		1.5	U		1.3	U		1	U	
SVE Refinery Header	WFL-Header-SVE-070517	7/5/2017	1.9	U		1.5	U		1.5	U		1.5	U		1.2	U		1	U	
SVE Refinery Header	WFL Header-SVE-080917	8/9/2017	0.94	U		0.74	U		0.74	U		0.74	U		0.6	U		0.5	U	
SVE Refinery Header	WFL-Header-SVE-090117	9/1/2017	0.97	U		0.76	U		0.76	U		0.76	U		0.62	U		0.51	U	
SVE Refinery Header	WFL-Header-SVE-100317	10/3/2017	1.6	U		1.3	U		1.3	U		1.3	U		1	U		0.85	U	
SVE Refinery Header	WFL-Header-SVE-110117	11/1/2017	1.6	U		1.3	U		1.3	U		1.3	U		1	U		0.86	U	
SVE Refinery Header	WFL-Header-SVE-120617	12/6/2017	1.1	U		0.88	U		0.88	U		0.88	U		0.72	U		0.59	U	
SVE Refinery Header	WFL-Header-SVE-011118	1/11/2018	1.6	U		1.3	U		1.3	U		1.3	U		1	U		0.86	U	
SVE Refinery Header	WFL-Header-SVE-020118	2/1/2018	1.6	U		1.2	U		1.2	U		1.2	U		1	U		0.83	U	
SVE Refinery Header	WFL-Header-SVE-030118	3/1/2018	1.7	U		1.3	U		1.3	U		1.3	U		1.1	U		0.88	U	
SVE Refinery Header	WFL-Header-SVE-040318	4/3/2018	2.5	U		1.9	U		1.9	U		1.9	U		1.6	U		1.3	U	
SVE Refinery Header	WFL-Header-SVE-050418	5/4/2018	2.4	U		1.9	U		1.9	U		1.9	U		1.6	U		1.3	U	
SVE Refinery Header	WFL-Header-SVE-060118	6/1/2018	2.4	U		1.9	U		1.9	U		1.9	U		1.5	U		1.3	U	
SVE RTO Exhaust	Exh-SVE-070517	7/5/2017	0.039	U		0.03	U		0.03	U		0.03	U		0.025	U		0.02	U	
SVE RTO Exhaust	Exh-SVE-080917	8/9/2017	0.04	U		0.031	U		0.031	U		0.031	U		0.025	U		0.021	U	
SVE RTO Exhaust	Exh-SVE-090117	9/1/2017	0.019	U		0.015	U		0.015	U		0.015	U		0.012	U		0.01	U	
SVE RTO Exhaust	Exh-SVE-100317	10/3/2017	0.021	U		0.016	U		0.016	U		0.016	U		0.013	U		0.011	U	
SVE RTO Exhaust	Exh-SVE-110117	11/1/2017	0.039	U		0.031	U		0.031	U		0.031	U		0.025	U		0.021	U	
SVE RTO Exhaust	Exh-SVE-120617	12/6/2017	0.039	U		0.031	U		0.031	U		0.031	U		0.025	U		0.021	U	
SVE RTO Exhaust	Exh-SVE-011118	1/11/2018	0.022	U		0.017	U		0.017	U		0.017	U		0.014	U		0.012	U	
SVE RTO Exhaust	Exh-SVE-020118	2/1/2018	0.046	U		0.036	U		0.036	U		0.036	U		0.029	U		0.024	U	
SVE RTO Exhaust	Exh-SVE-030118	3/1/2018	0.072	U		0.056	U		0.056	U		0.056	U		0.046	U		0.038	U	
SVE RTO Exhaust	Exh-SVE-040318	4/3/2018	0.064	U		0.05	U		0.05	U		0.05	U		0.042	U		0.034	U	
SVE RTO Exhaust	Exh-SVE-050418	5/4/2018	0.071	U		0.055	U		0.055	U		0.055	U		0.045	U		0.037	U	
SVE RTO Exhaust	Exh-SVE-060118	6/1/2018	0.073	U		0.057	U		0.057	U		0.057	U		0.047	U		0.038	U	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	1,2-Dichloroethane			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	Result (mg/m^3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070517	7/5/2017	0.1	U		0.1	U		0.1	U		0.1	U		0.36	U		0.12	U	
SVE Public Works Header	Pw Header-SVE-080917	8/9/2017	0.17	U		0.16	U		0.16	U		0.16	U		0.58	U		0.19	U	
SVE Public Works Header	PW-Header-SVE-090117	9/1/2017	0.26	U		0.25	U		0.25	U		0.25	U		0.89	U		0.3	U	
SVE Public Works Header	PW-Header-SVE-100317	10/3/2017	0.36	U		0.36	U		0.36	U		0.36	U		1.2	U		0.42	U	
SVE Public Works Header	PW-Header-SVE-110117	11/1/2017	0.34	U		0.33	U		0.33	U		0.33	U		1.2	U		0.39	U	
SVE Public Works Header	PW-Header-SVE-120617	12/6/2017	0.31	U		0.3	U		0.3	U		0.3	U		1	U		0.35	U	
SVE Public Works Header	PW-Header-SVE-011118	1/11/2018	0.5	U		0.49	U		0.49	U		0.49	U		1.7	U		0.57	U	
SVE Public Works Header	PW-Header-SVE-020118	2/1/2018	0.82	U		0.8	U		0.8	U		0.8	U		2.8	U		0.94	U	
SVE Public Works Header	PW-Header-SVE-030118	3/1/2018	0.66	U		0.64	U		0.64	U		0.64	U		2.2	U		0.75	U	
SVE Public Works Header	PW-Header-SVE-040318	4/3/2018	0.85	U		0.83	U		0.83	U		0.83	U		2.9	U		0.97	U	
SVE Public Works Header	PW-Header-SVE-050418	5/4/2018	1.3	U		1.3	U		1.3	U		1.3	U		4.6	U		1.5	U	
SVE Public Works Header	PW-Header-SVE-060118	6/1/2018	1	U		1	U		1	U		1	U		3.6	U		1.2	U	
SVE Refinery Header	WFL-Header-SVE-070517	7/5/2017	1	U		0.99	U		0.99	U		0.99	U		3.5	U		1.2	U	
SVE Refinery Header	WFL Header-SVE-080917	8/9/2017	0.5	U		0.48	U		0.48	U		0.48	U		1.7	U		0.57	U	
SVE Refinery Header	WFL-Header-SVE-090117	9/1/2017	0.51	U		0.5	U		0.5	U		0.5	U		1.8	U		0.58	U	
SVE Refinery Header	WFL-Header-SVE-100317	10/3/2017	0.85	U		0.83	U		0.83	U		0.83	U		2.9	U		0.97	U	
SVE Refinery Header	WFL-Header-SVE-110117	11/1/2017	0.86	U		0.84	U		0.84	U		0.84	U		2.9	U		0.98	U	
SVE Refinery Header	WFL-Header-SVE-120617	12/6/2017	0.59	U		0.58	U		0.58	U		0.58	U		2	U		0.67	U	
SVE Refinery Header	WFL-Header-SVE-011118	1/11/2018	0.86	U		0.84	U		0.84	U		0.84	U		2.9	U		0.98	U	
SVE Refinery Header	WFL-Header-SVE-020118	2/1/2018	0.83	U		0.81	U		0.81	U		0.81	U		2.8	U		0.95	U	
SVE Refinery Header	WFL-Header-SVE-030118	3/1/2018	0.88	U		0.87	U		0.87	U		0.87	U		3	U		1	U	
SVE Refinery Header	WFL-Header-SVE-040318	4/3/2018	1.3	U		1.3	U		1.3	U		1.3	U		4.5	U		1.5	U	
SVE Refinery Header	WFL-Header-SVE-050418	5/4/2018	1.3	U		1.2	U		1.2	U		1.2	U		4.4	U		1.4	U	
SVE Refinery Header	WFL-Header-SVE-060118	6/1/2018	1.3	U		1.2	U		1.2	U		1.2	U		4.3	U		1.4	U	
SVE RTO Exhaust	Exh-SVE-070517	7/5/2017	0.02	U		0.02	U		0.02	U		0.02	U		0.18	U		0.023	U	
SVE RTO Exhaust	Exh-SVE-080917	8/9/2017	0.021	U		0.02	U		0.02	U		0.02	U		0.18	U		0.024	U	
SVE RTO Exhaust	Exh-SVE-090117	9/1/2017	0.01	U		0.01	U		0.01	U		0.01	U		0.088	U		0.012	U	
SVE RTO Exhaust	Exh-SVE-100317	10/3/2017	0.011	U		0.011	U		0.011	U		0.011	U		0.095	U		0.012	U	
SVE RTO Exhaust	Exh-SVE-110117	11/1/2017	0.021	U		0.02	U		0.02	U		0.02	U		0.18	U		0.024	U	
SVE RTO Exhaust	Exh-SVE-120617	12/6/2017	0.021	U		0.02	U		0.02	U		0.02	U		0.18	U		0.024	U	
SVE RTO Exhaust	Exh-SVE-011118	1/11/2018	0.012	U		0.011	U		0.011	U		0.011	U		0.099	U		0.013	U	
SVE RTO Exhaust	Exh-SVE-020118	2/1/2018	0.024	U		0.024	U		0.024	U		0.024	U		0.21	U		0.027	U	
SVE RTO Exhaust	Exh-SVE-030118	3/1/2018	0.038	U		0.037	U		0.037	U		0.037	U		0.32	U		0.043	U	
SVE RTO Exhaust	Exh-SVE-040318	4/3/2018	0.034	U		0.033	U		0.033	U		0.033	U		0.29	U		0.039	U	
SVE RTO Exhaust	Exh-SVE-050418	5/4/2018	0.037	U		0.036	U		0.036	U		0.036	U		0.32	U		0.042	U	
SVE RTO Exhaust	Exh-SVE-060118	6/1/2018	0.038	U		0.037	U		0.037	U		0.037	U		0.33	U		0.044	U	

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			4-Ethyltoluene		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-070517	7/5/2017	0.12	U		0.12	U		0.37	U		0.2	U		1.1			0.36		
SVE Public Works Header	Pw Header-SVE-080917	8/9/2017	0.19	U		0.19	U		0.6	U		0.31	U		1.9			0.34		
SVE Public Works Header	PW-Header-SVE-090117	9/1/2017	0.29	U		0.29	U		0.92	U		0.48	U		2.5			0.37		
SVE Public Works Header	PW-Header-SVE-100317	10/3/2017	0.41	U		0.41	U		1.3	U		0.68	U		3.4			0.42	J	
SVE Public Works Header	PW-Header-SVE-110117	11/1/2017	0.38	U		0.38	U		1.2	U		0.63	U		2.1			0.28	J	
SVE Public Works Header	PW-Header-SVE-120617	12/6/2017	0.34	U		0.34	U		1.1	U		0.51	J		1.1			0.1	J	
SVE Public Works Header	PW-Header-SVE-011118	1/11/2018	0.56	U		0.56	U		1.8	U		0.93	U		3.1			0.17	J	
SVE Public Works Header	PW-Header-SVE-020118	2/1/2018	0.92	U		0.92	U		2.9	U		1.5	U		5.1			0.4	J	
SVE Public Works Header	PW-Header-SVE-030118	3/1/2018	0.74	U		0.74	U		2.3	U		1.2	U		7.1			0.82		
SVE Public Works Header	PW-Header-SVE-040318	4/3/2018	0.95	U		0.95	U		3	U		1.6	U		8.6			1	J	
SVE Public Works Header	PW-Header-SVE-050418	5/4/2018	1.5	U		1.5	U		4.7	U		2.5	U		11			1.1	J	
SVE Public Works Header	PW-Header-SVE-060118	6/1/2018	1.2	U		1.2	U		3.7	U		1.9	U		5.3			0.79	J	
SVE Refinery Header	WFL-Header-SVE-070517	7/5/2017	1.1	U		1.1	U		3.6	U		1.9	U		6.8			0.93	J	
SVE Refinery Header	WFL Header-SVE-080917	8/9/2017	0.56	U		0.56	U		1.8	U		0.92	U		8.1			1.7		
SVE Refinery Header	WFL-Header-SVE-090117	9/1/2017	0.57	U		0.57	U		1.8	U		0.95	U		10			1.9		
SVE Refinery Header	WFL-Header-SVE-100317	10/3/2017	0.95	U		0.95	U		3	U		1.6	U		10			1.2		
SVE Refinery Header	WFL-Header-SVE-110117	11/1/2017	0.96	U		0.96	U		3	U		1.6	U		6.4			1.4		
SVE Refinery Header	WFL-Header-SVE-120617	12/6/2017	0.66	U		0.66	U		2.1	U		1.1	U		6.4			1.1		J
SVE Refinery Header	WFL-Header-SVE-011118	1/11/2018	0.96	U		0.96	U		3	U		1.6	U		8.2			0.9	J	
SVE Refinery Header	WFL-Header-SVE-020118	2/1/2018	0.93	U		0.93	U		3	U		1.5	U		7.7			0.71	J	
SVE Refinery Header	WFL-Header-SVE-030118	3/1/2018	0.99	U		0.99	U		3.1	U		1.6	U		5.6			0.98	J	
SVE Refinery Header	WFL-Header-SVE-040318	4/3/2018	1.5	U		1.5	U		4.7	U		2.4	U		9.5			2		
SVE Refinery Header	WFL-Header-SVE-050418	5/4/2018	1.4	U		1.4	U		4.5	U		2.4	U		11			1.1	J	
SVE Refinery Header	WFL-Header-SVE-060118	6/1/2018	1.4	U		1.4	U		4.5	U		2.3	U		7.7			1.4	J	
SVE RTO Exhaust	Exh-SVE-070517	7/5/2017	0.023	U		0.023	U		0.073	U		0.051			0.039			0.011	J	
SVE RTO Exhaust	Exh-SVE-080917	8/9/2017	0.023	U		0.023	U		0.074	U		0.067			0.032			0.025	U	
SVE RTO Exhaust	Exh-SVE-090117	9/1/2017	0.011	U		0.011	U		0.036	U		0.064			0.013			0.012	U	
SVE RTO Exhaust	Exh-SVE-100317	10/3/2017	0.012	U		0.012	U		0.039	U		0.078			0.036			0.016		
SVE RTO Exhaust	Exh-SVE-110117	11/1/2017	0.023	U		0.023	U		0.074	U		0.053			0.037			0.017	J	
SVE RTO Exhaust	Exh-SVE-120617	12/6/2017	0.023	U		0.023	U		0.074	U		0.028	J		0.04			0.018	J	
SVE RTO Exhaust	Exh-SVE-011118	1/11/2018	0.013	U		0.013	U		0.041	U		0.079			0.054			0.019		
SVE RTO Exhaust	Exh-SVE-020118	2/1/2018	0.027	U		0.027	U		0.086	U		0.069			0.041			0.011	J	
SVE RTO Exhaust	Exh-SVE-030118	3/1/2018	0.042	U		0.042	U		0.13	U		0.052	J		0.052			0.014	J	
SVE RTO Exhaust	Exh-SVE-040318	4/3/2018	0.038	U		0.038	U		0.12	U		0.088			0.079			0.021	J	
SVE RTO Exhaust	Exh-SVE-050418	5/4/2018	0.042	U		0.042	U		0.13	U		0.069	U		0.071			0.019	J	
SVE RTO Exhaust	Exh-SVE-060118	6/1/2018	0.043	U		0.043	U		0.14	U		0.096			0.044			0.016	J	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl 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	Result (mg/m^3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070517	7/5/2017	0.2	U		0.18	U		8.7			1.1	U		10			0.42	U	
SVE Public Works Header	Pw Header-SVE-080917	8/9/2017	0.32	U		0.29	U		12			1.8	U		14			0.68	U	
SVE Public Works Header	PW-Header-SVE-090117	9/1/2017	0.49	U		0.45	U		12			2.7	U		22			1	U	
SVE Public Works Header	PW-Header-SVE-100317	10/3/2017	0.69	U		0.63	U		14			3.8	U		32			1.5	U	
SVE Public Works Header	PW-Header-SVE-110117	11/1/2017	0.64	U		0.59	U		13			3.6	U		33			1.4	U	
SVE Public Works Header	PW-Header-SVE-120617	12/6/2017	0.58	U		0.53	U		11			3.2	U		28			1.2	U	
SVE Public Works Header	PW-Header-SVE-011118	1/11/2018	0.95	U		0.86	U		25			5.3	U		79			2	U	
SVE Public Works Header	PW-Header-SVE-020118	2/1/2018	1.6	U		1.4	U		28			8.7	U		95			3.3	U	
SVE Public Works Header	PW-Header-SVE-030118	3/1/2018	1.2	U		1.1	U		26			6.9	U		81			2.7	U	
SVE Public Works Header	PW-Header-SVE-040318	4/3/2018	1.6	U		1.5	U		34			9	U		130			3.4	U	
SVE Public Works Header	PW-Header-SVE-050418	5/4/2018	2.5	U		2.3	U		57			14	U		230			5.4	U	
SVE Public Works Header	PW-Header-SVE-060118	6/1/2018	2	U		1.8	U		24			11	U		100			4.2	U	
SVE Refinery Header	WFL-Header-SVE-070517	7/5/2017	1.9	U		1.7	U		39			11	U		200			4.1	U	
SVE Refinery Header	WFL Header-SVE-080917	8/9/2017	0.94	U		0.86	U		36			5.2	U		160			2	U	
SVE Refinery Header	WFL-Header-SVE-090117	9/1/2017	0.96	U		0.88	U		35			5.4	U		180			2.1	U	
SVE Refinery Header	WFL-Header-SVE-100317	10/3/2017	1.6	U		1.5	U		43			9	U		220			3.4	U	
SVE Refinery Header	WFL-Header-SVE-110117	11/1/2017	1.6	U		1.5	U		31			9	U		170			3.5	U	
SVE Refinery Header	WFL-Header-SVE-120617	12/6/2017	1.1	U		1	U		31			6.2	U		160			2.4	U	
SVE Refinery Header	WFL-Header-SVE-011118	1/11/2018	1.6	U		1.5	U		49			9	U		280			3.5	U	
SVE Refinery Header	WFL-Header-SVE-020118	2/1/2018	1.6	U		1.4	U		37			8.7	U		220			3.4	U	
SVE Refinery Header	WFL-Header-SVE-030118	3/1/2018	1.7	U		1.5	U		33			9.3	U		180			3.6	U	
SVE Refinery Header	WFL-Header-SVE-040318	4/3/2018	2.5	U		2.3	U		51			14	U		370			5.3	U	
SVE Refinery Header	WFL-Header-SVE-050418	5/4/2018	2.4	U		2.2	U		66			13	U		470			5.2	U	
SVE Refinery Header	WFL-Header-SVE-060118	6/1/2018	2.4	U		2.2	U		44			13	U		310			5.1	U	
SVE RTO Exhaust	Exh-SVE-070517	7/5/2017	0.039	U		0.035	U		0.28			0.22	U		1.3			0.042	J	
SVE RTO Exhaust	Exh-SVE-080917	8/9/2017	0.039	U		0.036	U		0.22			0.22	U		0.94			0.084	U	
SVE RTO Exhaust	Exh-SVE-090117	9/1/2017	0.019	U		0.018	U		0.056			0.11	U		0.2			0.041	U	
SVE RTO Exhaust	Exh-SVE-100317	10/3/2017	0.021	U		0.019	U		0.12			0.12	U		0.48			0.045	U	
SVE RTO Exhaust	Exh-SVE-110117	11/1/2017	0.039	U		0.036	U		0.24			0.22	U		1.2			0.084	U	
SVE RTO Exhaust	Exh-SVE-120617	12/6/2017	0.039	U		0.036	U		0.25			0.22	U		1			0.018	J	
SVE RTO Exhaust	Exh-SVE-011118	1/11/2018	0.022	U		0.02	U		0.25			0.12	U		0.96			0.05		
SVE RTO Exhaust	Exh-SVE-020118	2/1/2018	0.046	U		0.042	U		0.31			0.25	U		1.4			0.097	U	
SVE RTO Exhaust	Exh-SVE-030118	3/1/2018	0.072	U		0.065	U		0.36			0.4	U		1.8			0.15	U	
SVE RTO Exhaust	Exh-SVE-040318	4/3/2018	0.064	U		0.059	U		0.36			0.36	U		1.6			0.071	J	
SVE RTO Exhaust	Exh-SVE-050418	5/4/2018	0.07	U		0.064	U		0.44			0.39	U		1.9			0.15	U	
SVE RTO Exhaust	Exh-SVE-060118	6/1/2018	0.072	U		0.066	U		0.32			0.4	U		1.4			0.099	J	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-070517	7/5/2017	85			0.82			0.11	U		0.022	J		0.25	U		1.2		
SVE Public Works Header	Pw Header-SVE-080917	8/9/2017	160			0.99			0.17	U		0.15	U		0.41	U		1.3		
SVE Public Works Header	PW-Header-SVE-090117	9/1/2017	270			0.9			0.26	U		0.23	U		0.63	U		1.3		
SVE Public Works Header	PW-Header-SVE-100317	10/3/2017	360			1.3			0.37	U		0.32	U		0.88	U		2.1		
SVE Public Works Header	PW-Header-SVE-110117	11/1/2017	350			0.76			0.34	U		0.3	U		0.82	U		1.2		
SVE Public Works Header	PW-Header-SVE-120617	12/6/2017	310			0.32	J		0.31	U		0.27	U		0.75	U		0.43		
SVE Public Works Header	PW-Header-SVE-011118	1/11/2018	700			1.4			0.5	U		0.44	U		1.2	U		2		
SVE Public Works Header	PW-Header-SVE-020118	2/1/2018	930			1.3			0.83	U		0.73	U		2	U		1.7		
SVE Public Works Header	PW-Header-SVE-030118	3/1/2018	750			2			0.66	U		0.58	U		1.6	U		3.2		
SVE Public Works Header	PW-Header-SVE-040318	4/3/2018	1200			2.4			0.86	U		0.76	U		2.1	U		3.6		
SVE Public Works Header	PW-Header-SVE-050418	5/4/2018	1800			2.8			1.3	U		1.2	U		3.2	U		4.2		
SVE Public Works Header	PW-Header-SVE-060118	6/1/2018	840			1.8			1	U		0.92	U		2.5	U		3		
SVE Refinery Header	WFL-Header-SVE-070517	7/5/2017	780			0.61	J		1	U		0.9	U		2.4	U		0.7	J	
SVE Refinery Header	WFL Header-SVE-080917	8/9/2017	600			1			0.5	U		0.44	U		1.2	U		1.3		
SVE Refinery Header	WFL-Header-SVE-090117	9/1/2017	670			1.1			0.52	U		0.45	U		1.2	U		1.3		
SVE Refinery Header	WFL-Header-SVE-100317	10/3/2017	860			1.2			0.86	U		0.76	U		2.1	U		1.6		
SVE Refinery Header	WFL-Header-SVE-110117	11/1/2017	680			0.71	J		0.87	U		0.76	U		2.1	U		0.97	J	
SVE Refinery Header	WFL-Header-SVE-120617	12/6/2017	600			0.66	J		0.6	U		0.53	U		1.4	U		0.87		
SVE Refinery Header	WFL-Header-SVE-011118	1/11/2018	1100			1.1			0.87	U		0.76	U		2.1	U		1.3		
SVE Refinery Header	WFL-Header-SVE-020118	2/1/2018	810			0.81	J		0.84	U		0.74	U		2	U		1.2		
SVE Refinery Header	WFL-Header-SVE-030118	3/1/2018	750			0.69	J		0.9	U		0.79	U		2.1	U		1	J	
SVE Refinery Header	WFL-Header-SVE-040318	4/3/2018	1600			1.3	J		1.3	U		1.2	U		3.2	U		1.7		
SVE Refinery Header	WFL-Header-SVE-050418	5/4/2018	1800			1.4	J		1.3	U		1.1	U		3.1	U		2		
SVE Refinery Header	WFL-Header-SVE-060118	6/1/2018	1400			0.94	J		1.3	U		1.1	U		3.1	U		1.4	J	
SVE RTO Exhaust	Exh-SVE-070517	7/5/2017	4.8			0.0082	J		0.023			0.073	U		0.069			0.0087	J	
SVE RTO Exhaust	Exh-SVE-080917	8/9/2017	3.6			0.0063	J		0.021	U		0.074	U		0.051	U		0.0035	J	
SVE RTO Exhaust	Exh-SVE-090117	9/1/2017	0.75			0.0017	J		0.01	U		0.036	U		0.025	J	U	0.0017	J	
SVE RTO Exhaust	Exh-SVE-100317	10/3/2017	1.6			0.0077	J		0.011	U		0.039	U		0.064			0.013	J	
SVE RTO Exhaust	Exh-SVE-110117	11/1/2017	3.9			0.007	J		0.021	U		0.074	U		0.024	J		0.014	J	
SVE RTO Exhaust	Exh-SVE-120617	12/6/2017	3.6			0.0077	J		0.021	U		0.074	U		0.023	J		0.013	J	
SVE RTO Exhaust	Exh-SVE-011118	1/11/2018	2.5			0.0098	J		0.012	U		0.041	U		0.049			0.014		
SVE RTO Exhaust	Exh-SVE-020118	2/1/2018	5.9			0.0075	J		0.024	U		0.086	U		0.075			0.011	J	
SVE RTO Exhaust	Exh-SVE-030118	3/1/2018	7.1			0.01	J		0.038	U		0.13	U		0.056	J		0.015	J	
SVE RTO Exhaust	Exh-SVE-040318	4/3/2018	5.5			0.013	J		0.034	U		0.12	U		0.31			0.023	J	
SVE RTO Exhaust	Exh-SVE-050418	5/4/2018	6.9			0.021	J		0.038	U		0.13	U		0.09	U		0.029	J	
SVE RTO Exhaust	Exh-SVE-060118	6/1/2018	5.7			0.014	J		0.039	U		0.14	U		0.056	J		0.019	J	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-070517	7/5/2017	0.11	U		0.18	U		0.18	U		0.076	U		0.26			0.77	U	
SVE Public Works Header	Pw Header-SVE-080917	8/9/2017	0.18	U		0.28	U		0.28	U		0.12	U		0.085	J		1.2	U	
SVE Public Works Header	PW-Header-SVE-090117	9/1/2017	0.27	U		0.44	U		0.43	U		0.19	U		0.24	U		0.47	J	J
SVE Public Works Header	PW-Header-SVE-100317	10/3/2017	0.38	U		0.62	U		0.61	U		0.26	U		0.14	J		2.7	U	
SVE Public Works Header	PW-Header-SVE-110117	11/1/2017	0.36	U		0.58	U		0.57	U		0.25	U		0.12	J		2.5	U	
SVE Public Works Header	PW-Header-SVE-120617	12/6/2017	0.32	U		0.52	U		0.52	U		0.22	U		0.086	J		2.2	U	
SVE Public Works Header	PW-Header-SVE-011118	1/11/2018	0.53	U		0.85	U		0.84	U		0.36	U		0.13	J		3.7	U	
SVE Public Works Header	PW-Header-SVE-020118	2/1/2018	0.86	U		1.4	U		1.4	U		0.6	U		0.22	J		6	U	
SVE Public Works Header	PW-Header-SVE-030118	3/1/2018	0.69	U		1.1	U		1.1	U		0.48	U		0.33	J		4.8	U	
SVE Public Works Header	PW-Header-SVE-040318	4/3/2018	0.89	U		1.4	U		1.4	U		0.62	U		0.37	J		6.2	U	
SVE Public Works Header	PW-Header-SVE-050418	5/4/2018	1.4	U		2.3	U		2.2	U		0.97	U		0.64	J		9.8	U	
SVE Public Works Header	PW-Header-SVE-060118	6/1/2018	1.1	U		1.8	U		1.7	U		0.75	U		0.38	J		7.6	U	
SVE Refinery Header	WFL-Header-SVE-070517	7/5/2017	1.1	U		1.7	U		1.7	U		0.73	U		8			7.4	U	
SVE Refinery Header	WFL Header-SVE-080917	8/9/2017	0.52	U		0.84	U		0.83	U		0.36	U		8.6			3.6	U	
SVE Refinery Header	WFL-Header-SVE-090117	9/1/2017	0.54	U		0.86	U		0.85	U		0.37	U		9.5			0.9	J	J
SVE Refinery Header	WFL-Header-SVE-100317	10/3/2017	0.89	U		1.4	U		1.4	U		0.62	U		11			6.2	U	
SVE Refinery Header	WFL-Header-SVE-110117	11/1/2017	0.9	U		1.4	U		1.4	U		0.62	U		5.2			6.3	U	
SVE Refinery Header	WFL-Header-SVE-120617	12/6/2017	0.62	U		1	U		0.99	U		0.43	U		5.8			4.3	U	
SVE Refinery Header	WFL-Header-SVE-011118	1/11/2018	0.9	U		1.4	U		1.4	U		0.62	U		9.5			6.3	U	
SVE Refinery Header	WFL-Header-SVE-020118	2/1/2018	0.87	U		1.4	U		1.4	U		0.6	U		8.5			6.1	U	
SVE Refinery Header	WFL-Header-SVE-030118	3/1/2018	0.93	U		1.5	U		1.5	U		0.64	U		5.4			6.5	U	
SVE Refinery Header	WFL-Header-SVE-040318	4/3/2018	1.4	U		2.2	U		2.2	U		0.96	U		3.8			9.6	U	
SVE Refinery Header	WFL-Header-SVE-050418	5/4/2018	1.3	U		2.2	U		2.1	U		0.93	U		8.2			9.4	U	
SVE Refinery Header	WFL-Header-SVE-060118	6/1/2018	1.3	U		2.1	U		2.1	U		0.92	U		5.7			9.2	U	
SVE RTO Exhaust	Exh-SVE-070517	7/5/2017	0.022	U		0.035	U		0.034	U		0.015	U		0.043			0.15	U	
SVE RTO Exhaust	Exh-SVE-080917	8/9/2017	0.022	U		0.035	U		0.035	U		0.015	U		0.065			0.15	U	
SVE RTO Exhaust	Exh-SVE-090117	9/1/2017	0.011	U		0.017	U		0.017	U		0.0074	U		0.028			0.075	U	
SVE RTO Exhaust	Exh-SVE-100317	10/3/2017	0.012	U		0.019	U		0.018	U		0.008	U		0.052			0.081	U	
SVE RTO Exhaust	Exh-SVE-110117	11/1/2017	0.022	U		0.035	U		0.034	U		0.015	U		0.027			0.15	U	
SVE RTO Exhaust	Exh-SVE-120617	12/6/2017	0.022	U		0.035	U		0.034	U		0.015	U		0.031			0.15	U	UJ
SVE RTO Exhaust	Exh-SVE-011118	1/11/2018	0.012	U		0.02	U		0.019	U		0.0084	U		0.052			0.085	U	
SVE RTO Exhaust	Exh-SVE-020118	2/1/2018	0.025	U		0.041	U		0.0082	J		0.018	U		0.05			0.18	U	
SVE RTO Exhaust	Exh-SVE-030118	3/1/2018	0.04	U		0.064	U		0.063	U		0.028	U		0.045			0.28	U	
SVE RTO Exhaust	Exh-SVE-040318	4/3/2018	0.036	U		0.058	U		0.057	U		0.025	U		0.098			0.25	U	
SVE RTO Exhaust	Exh-SVE-050418	5/4/2018	0.039	U		0.063	U		0.062	U		0.027	U		0.05			0.27	U	
SVE RTO Exhaust	Exh-SVE-060118	6/1/2018	0.04	U		0.065	U		0.064	U		0.028	U		0.046			0.28	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl chloroform)			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	Result (mg/m^3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070517	7/5/2017	0.14	U		0.14	U		0.14	U		0.14	U		0.25			0.23		
SVE Public Works Header	Pw Header-SVE-080917	8/9/2017	0.23	U		0.23	U		0.22	U		0.23	U		0.13	J		0.19	J	
SVE Public Works Header	PW-Header-SVE-090117	9/1/2017	0.35	U		0.35	U		0.34	U		0.36	U		0.22	J		0.23	J	
SVE Public Works Header	PW-Header-SVE-100317	10/3/2017	0.49	U		0.49	U		0.48	U		0.5	U		0.56			0.44	U	
SVE Public Works Header	PW-Header-SVE-110117	11/1/2017	0.46	U		0.46	U		0.45	U		0.47	U		0.13	J		0.19	J	
SVE Public Works Header	PW-Header-SVE-120617	12/6/2017	0.41	U		0.41	U		0.41	U		0.43	U		0.37	U		0.08	J	
SVE Public Works Header	PW-Header-SVE-011118	1/11/2018	0.67	U		0.67	U		0.66	U		0.69	U		0.19	J		0.2	J	
SVE Public Works Header	PW-Header-SVE-020118	2/1/2018	1.1	U		1.1	U		1.1	U		1.1	U		0.4	J		0.21	J	
SVE Public Works Header	PW-Header-SVE-030118	3/1/2018	0.89	U		0.89	U		0.87	U		0.91	U		0.97			0.6	J	
SVE Public Works Header	PW-Header-SVE-040318	4/3/2018	1.1	U		1.1	U		1.1	U		1.2	U		1.2			0.68	J	
SVE Public Works Header	PW-Header-SVE-050418	5/4/2018	1.8	U		1.8	U		1.8	U		1.8	U		1.2	J		0.6	J	
SVE Public Works Header	PW-Header-SVE-060118	6/1/2018	1.4	U		1.4	U		1.4	U		1.4	U		0.94	J		0.52	J	
SVE Refinery Header	WFL-Header-SVE-070517	7/5/2017	1.4	U		1.4	U		1.3	U		1.4	U		0.85	J		0.48	J	
SVE Refinery Header	WFL Header-SVE-080917	8/9/2017	0.67	U		0.67	U		0.66	U		0.69	U		1.8			0.93		
SVE Refinery Header	WFL-Header-SVE-090117	9/1/2017	0.69	U		0.69	U		0.68	U		0.71	U		2.1			0.99		
SVE Refinery Header	WFL-Header-SVE-100317	10/3/2017	1.1	U		1.1	U		1.1	U		1.2	U		2.5			1.2		
SVE Refinery Header	WFL-Header-SVE-110117	11/1/2017	1.2	U		1.2	U		1.1	U		1.2	U		1.4			0.77	J	
SVE Refinery Header	WFL-Header-SVE-120617	12/6/2017	0.8	U		0.8	U		0.78	U		0.82	U		1.1			0.66	J	
SVE Refinery Header	WFL-Header-SVE-011118	1/11/2018	1.2	U		1.2	U		1.1	U		1.2	U		1.9			0.99	J	
SVE Refinery Header	WFL-Header-SVE-020118	2/1/2018	1.1	U		1.1	U		1.1	U		1.2	U		1.6			0.79	J	
SVE Refinery Header	WFL-Header-SVE-030118	3/1/2018	1.2	U		1.2	U		1.2	U		1.2	U		1	J		0.61	J	
SVE Refinery Header	WFL-Header-SVE-040318	4/3/2018	1.8	U		1.8	U		1.7	U		1.8	U		2.3			1.2	J	
SVE Refinery Header	WFL-Header-SVE-050418	5/4/2018	1.7	U		1.7	U		1.7	U		1.8	U		2.1			1	J	
SVE Refinery Header	WFL-Header-SVE-060118	6/1/2018	1.7	U		1.7	U		1.7	U		1.8	U		1.6			0.78	J	
SVE RTO Exhaust	Exh-SVE-070517	7/5/2017	0.028	U		0.028	U		0.027	U		0.028	U		0.014	J		0.0066	J	
SVE RTO Exhaust	Exh-SVE-080917	8/9/2017	0.028	U		0.028	U		0.028	U		0.029	U		0.025	J	U	0.025	U	
SVE RTO Exhaust	Exh-SVE-090117	9/1/2017	0.014	U		0.014	U		0.014	U		0.014	U		0.0018	J		0.012	U	
SVE RTO Exhaust	Exh-SVE-100317	10/3/2017	0.015	U		0.015	U		0.015	U		0.015	U		0.025			0.01	J	
SVE RTO Exhaust	Exh-SVE-110117	11/1/2017	0.028	U		0.028	U		0.027	U		0.029	U		0.024	J		0.01	J	
SVE RTO Exhaust	Exh-SVE-120617	12/6/2017	0.028	U		0.028	U		0.027	U		0.029	U		0.023	J		0.011	J	
SVE RTO Exhaust	Exh-SVE-011118	1/11/2018	0.016	U		0.016	U		0.015	U		0.016	U		0.022			0.0099	J	
SVE RTO Exhaust	Exh-SVE-020118	2/1/2018	0.032	U		0.032	U		0.032	U		0.033	U		0.013	J		0.0067	J	
SVE RTO Exhaust	Exh-SVE-030118	3/1/2018	0.051	U		0.051	U		0.05	U		0.052	U		0.017	J		0.007	J	
SVE RTO Exhaust	Exh-SVE-040318	4/3/2018	0.046	U		0.046	U		0.045	U		0.047	U		0.033	J		0.016	J	
SVE RTO Exhaust	Exh-SVE-050418	5/4/2018	0.05	U		0.05	U		0.049	U		0.052	U		0.03	J		0.012	J	
SVE RTO Exhaust	Exh-SVE-060118	6/1/2018	0.052	U		0.052	U		0.051	U		0.053	U		0.021	J		0.0086	J	

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)			Butane		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070517	7/5/2017	220			0.066	U		2.2			0.29			1400			0.00088	J	
SVE Public Works Header	Pw Header-SVE-080917	8/9/2017	190			0.11	U		2.1			0.085	J		3000		J	0.0043		
SVE Public Works Header	PW-Header-SVE-090117	9/1/2017	210			0.16	U		3			0.28	U		3500		J	0.0063		
SVE Public Works Header	PW-Header-SVE-100317	10/3/2017	260			0.23	U		3.6			0.16	J		3200			0.0051		
SVE Public Works Header	PW-Header-SVE-110117	11/1/2017	200			0.21	U		2.8			0.36	U		3700		J	0.0074		
SVE Public Works Header	PW-Header-SVE-120617	12/6/2017	150			0.19	U		1.3			0.33	U		3200			0.0068		
SVE Public Works Header	PW-Header-SVE-011118	1/11/2018	320	E	J	0.32	U		3.1			0.54	U		5000			0.0099		
SVE Public Works Header	PW-Header-SVE-020118	2/1/2018	340			0.52	U		5.4			0.88	U		5900		J	0.014		
SVE Public Works Header	PW-Header-SVE-030118	3/1/2018	250			0.42	U		7.5			0.15	J		6000			0.016		
SVE Public Works Header	PW-Header-SVE-040318	4/3/2018	380			0.54	U		10			0.22	J		8000			0.016		
SVE Public Works Header	PW-Header-SVE-050418	5/4/2018	600			0.84	U		13			1.4	U		10000			0.02		
SVE Public Works Header	PW-Header-SVE-060118	6/1/2018	260			0.65	U		6.1			0.22	J		5500			0.011		
SVE Refinery Header	WFL-Header-SVE-070517	7/5/2017	350			0.64	U		10			1.6			7000			0.02		
SVE Refinery Header	WFL Header-SVE-080917	8/9/2017	310			0.31	U		15			2.4			7300			0.019		
SVE Refinery Header	WFL-Header-SVE-090117	9/1/2017	340			0.32	U		17			2.9			7200			0.017		
SVE Refinery Header	WFL-Header-SVE-100317	10/3/2017	490			0.54	U		18			3.3			6600			0.018		
SVE Refinery Header	WFL-Header-SVE-110117	11/1/2017	340			0.54	U		12			2			6800			0.022		
SVE Refinery Header	WFL-Header-SVE-120617	12/6/2017	320			0.37	U		12			1.7			7100			0.019		
SVE Refinery Header	WFL-Header-SVE-011118	1/11/2018	560	E	J	0.54	U		16			2.2			7600			0.026		
SVE Refinery Header	WFL-Header-SVE-020118	2/1/2018	410			0.52	U		14			1.9			6100			0.02		
SVE Refinery Header	WFL-Header-SVE-030118	3/1/2018	290			0.56	U		9.6			0.99			6700			0.024		
SVE Refinery Header	WFL-Header-SVE-040318	4/3/2018	510			0.83	U		17			1.5			13000			0.04		
SVE Refinery Header	WFL-Header-SVE-050418	5/4/2018	650			0.81	U		20			1.7			10000			0.039		
SVE Refinery Header	WFL-Header-SVE-060118	6/1/2018	400			0.8	U		13			1.2	J		8700			0.038		
SVE RTO Exhaust	Exh-SVE-070517	7/5/2017	2.5			0.013	U		0.069			0.012	J		56			0.003	U	
SVE RTO Exhaust	Exh-SVE-080917	8/9/2017	2.2			0.013	U		0.051			0.0091	J		47			0.0026	U	
SVE RTO Exhaust	Exh-SVE-090117	9/1/2017	0.48			0.0064	U		0.019			0.0038	J		22			0.0049	U	
SVE RTO Exhaust	Exh-SVE-100317	10/3/2017	1.2			0.007	U		0.064			0.014			22			0.0027	U	
SVE RTO Exhaust	Exh-SVE-110117	11/1/2017	2.8			0.013	U		0.079			0.014	J		51			0.0026	U	
SVE RTO Exhaust	Exh-SVE-120617	12/6/2017	2.4			0.013	U		0.083			0.012	J		56			0.0026	U	
SVE RTO Exhaust	Exh-SVE-011118	1/11/2018	2.3			0.0073	U		0.097			0.014			60			0.0029	U	
SVE RTO Exhaust	Exh-SVE-020118	2/1/2018	2.8			0.015	U		0.065			0.0082	J		65			0.00014	J	
SVE RTO Exhaust	Exh-SVE-030118	3/1/2018	3.5			0.024	U		0.092			0.0088	J		84			0.00019	J	
SVE RTO Exhaust	Exh-SVE-040318	4/3/2018	2.9			0.021	U		0.13			0.012	J		71			0.00016	J	
SVE RTO Exhaust	Exh-SVE-050418	5/4/2018	3.2			0.024	U		0.11			0.01	J		98			0.00026	J	
SVE RTO Exhaust	Exh-SVE-060118	6/1/2018	2.2			0.024	U		0.076			0.0089	J		70			0.00016	J	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Isopentane			Acetylene			C6+			Carbon Dioxide			Carbon Monoxide			Ethane		
			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
SVE Public Works Header	PW-Header-SVE-070517	7/5/2017	0.0025	J		0.0026	U		0.019	J		3.5			0.026	U		0.0026	U	
SVE Public Works Header	Pw Header-SVE-080917	8/9/2017	0.0062			0.0025	U		0.032			4			0.025	U		0.0025	U	
SVE Public Works Header	PW-Header-SVE-090117	9/1/2017	0.0097			0.0026	U		0.037			4.1			0.026	U		0.0026	U	
SVE Public Works Header	PW-Header-SVE-100317	10/3/2017	0.0089			0.0025	U		0.032			3.9			0.025	U		0.0025	U	
SVE Public Works Header	PW-Header-SVE-110117	11/1/2017	0.013			0.0025	U		0.038			4.1			0.025	U		0.00012	J	
SVE Public Works Header	PW-Header-SVE-120617	12/6/2017	0.012			0.0024	U		0.028			3.7			0.024	U		0.000087	J	
SVE Public Works Header	PW-Header-SVE-011118	1/11/2018	0.018			0.0025	U		0.049			4.6			0.025	U		0.0025	U	
SVE Public Works Header	PW-Header-SVE-020118	2/1/2018	0.025			0.0024	U		0.056			4.2			0.024	U		0.0024	U	
SVE Public Works Header	PW-Header-SVE-030118	3/1/2018	0.028			0.0026	U		0.065			3.9			0.026	U		0.0026	U	
SVE Public Works Header	PW-Header-SVE-040318	4/3/2018	0.032			0.0025	U		0.077			4.3			0.025	U		0.00017	J	
SVE Public Works Header	PW-Header-SVE-050418	5/4/2018	0.044			0.0026	U		0.11			4.7			0.026	U		0.00021	J	
SVE Public Works Header	PW-Header-SVE-060118	6/1/2018	0.023			0.0025	U		0.059			3.6			0.025	U		0.0025	U	
SVE Refinery Header	WFL-Header-SVE-070517	7/5/2017	0.029			0.0033	U		0.078			3.2			0.033	U		0.0033	U	
SVE Refinery Header	WFL Header-SVE-080917	8/9/2017	0.027			0.0024	U		0.091			3.4			0.024	U		0.000079	J	
SVE Refinery Header	WFL-Header-SVE-090117	9/1/2017	0.023			0.0025	U		0.084			3.3			0.025	U		0.000084	J	
SVE Refinery Header	WFL-Header-SVE-100317	10/3/2017	0.023			0.0025	U		0.067			3.4			0.025	U		0.000078	J	
SVE Refinery Header	WFL-Header-SVE-110117	11/1/2017	0.027			0.0025	U		0.073			3.2			0.025	U		0.00011	J	
SVE Refinery Header	WFL-Header-SVE-120617	12/6/2017	0.024			0.0023	U		0.068			3.1			0.023	U		0.0001	J	
SVE Refinery Header	WFL-Header-SVE-011118	1/11/2018	0.03			0.0025	U		0.093			4			0.025	U		0.0025	U	
SVE Refinery Header	WFL-Header-SVE-020118	2/1/2018	0.022			0.0025	U		0.075			3.2			0.025	U		0.0025	U	
SVE Refinery Header	WFL-Header-SVE-030118	3/1/2018	0.028			0.0026	U		0.072			3.1			0.026	U		0.0026	U	
SVE Refinery Header	WFL-Header-SVE-040318	4/3/2018	0.05			0.0026	U		0.14			3.5			0.026	U		0.00019	J	
SVE Refinery Header	WFL-Header-SVE-050418	5/4/2018	0.046			0.0025	U		0.13			3.3			0.025	U		0.00016	J	
SVE Refinery Header	WFL-Header-SVE-060118	6/1/2018	0.044			0.0025	U		0.1			3.2			0.025	U		0.00018	J	
SVE RTO Exhaust	Exh-SVE-070517	7/5/2017	0.003	U		0.003	U		0.00031	J		1.2			0.03	U		0.003	U	
SVE RTO Exhaust	Exh-SVE-080917	8/9/2017	0.00015	J		0.0026	U		0.00024	J		1.3			0.026	U		0.0026	U	
SVE RTO Exhaust	Exh-SVE-090117	9/1/2017	0.0049	U		0.0049	U		0.049	U		1.3			0.049	U		0.0049	U	
SVE RTO Exhaust	Exh-SVE-100317	10/3/2017	0.0027	U		0.0027	U		0.027	U		1.3			0.027	U		0.0027	U	
SVE RTO Exhaust	Exh-SVE-110117	11/1/2017	0.00015	J		0.0026	U		0.00024	J		1.2			0.026	U		0.0026	U	
SVE RTO Exhaust	Exh-SVE-120617	12/6/2017	0.0026	U		0.0026	U		0.00031	J		1.1			0.026	U		0.0026	U	
SVE RTO Exhaust	Exh-SVE-011118	1/11/2018	0.0029	U		0.0029	U		0.00045	J		1.3			0.029	U		0.0029	U	
SVE RTO Exhaust	Exh-SVE-020118	2/1/2018	0.00019	J		0.0024	U		0.00037	J		1.2			0.024	U		0.0024	U	
SVE RTO Exhaust	Exh-SVE-030118	3/1/2018	0.00024	J		0.0028	U		0.00047	J		1.2			0.028	U		0.0028	U	
SVE RTO Exhaust	Exh-SVE-040318	4/3/2018	0.00021	J		0.0025	U		0.00051	J		1.3			0.025	U		0.0025	U	
SVE RTO Exhaust	Exh-SVE-050418	5/4/2018	0.00033	J		0.0028	U		0.00062	J		1.4			0.028	U		0.0028	U	
SVE RTO Exhaust	Exh-SVE-060118	6/1/2018	0.00019	J		0.0028	U		0.00045	J		1.2			0.028	U		0.0028	U	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Ethene			Hydrogen			Isobutane			Methane			Neopentane			Nitrogen		
			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
SVE Public Works Header	PW-Header-SVE-070517	7/5/2017	0.0026	U		0.026	U		0.00013	J		0.47			0.0026	U		79		
SVE Public Works Header	Pw Header-SVE-080917	8/9/2017	0.0025	U		0.025	U		0.00039	J		0.96			0.0025	U		79		
SVE Public Works Header	PW-Header-SVE-090117	9/1/2017	0.0026	U		0.026	U		0.00055	J		1.1			0.0026	U		79		
SVE Public Works Header	PW-Header-SVE-100317	10/3/2017	0.0025	U		0.025	U		0.00044	J		1			0.0025	U		79		
SVE Public Works Header	PW-Header-SVE-110117	11/1/2017	0.0025	U		0.025	U		0.00076	J		1.5			0.0025	U		77		
SVE Public Works Header	PW-Header-SVE-120617	12/6/2017	0.0024	U		0.024	U		0.00061	J		1.3			0.0024	U		78		
SVE Public Works Header	PW-Header-SVE-011118	1/11/2018	0.0025	U		0.025	U		0.00087	J		1.8			0.0025	U		78		
SVE Public Works Header	PW-Header-SVE-020118	2/1/2018	0.0024	U		0.024	U		0.0012	J		2.2			0.0024	U		77		
SVE Public Works Header	PW-Header-SVE-030118	3/1/2018	0.0026	U		0.026	U		0.0015	J		2.2			0.0026	U		78		
SVE Public Works Header	PW-Header-SVE-040318	4/3/2018	0.0025	U		0.025	U		0.0015	J		2.4			0.0025	U		77		
SVE Public Works Header	PW-Header-SVE-050418	5/4/2018	0.0026	U		0.026	U		0.0019	J		3.4			0.0026	U		77		
SVE Public Works Header	PW-Header-SVE-060118	6/1/2018	0.0025	U		0.025	U		0.001	J		1.8			0.0025	U		78		
SVE Refinery Header	WFL-Header-SVE-070517	7/5/2017	0.0033	U		0.033	U		0.0023	J		0.59			0.0033	U		78		
SVE Refinery Header	WFL Header-SVE-080917	8/9/2017	0.0024	U		0.024	U		0.0021	J		0.51			0.0024	U		80		
SVE Refinery Header	WFL-Header-SVE-090117	9/1/2017	0.0025	U		0.025	U		0.0018	J		0.42			0.0025	U		79		
SVE Refinery Header	WFL-Header-SVE-100317	10/3/2017	0.0025	U		0.025	U		0.0018	J		0.4			0.0025	U		80		
SVE Refinery Header	WFL-Header-SVE-110117	11/1/2017	0.0025	U		0.025	U		0.0023	J		0.52			0.0025	U		78		
SVE Refinery Header	WFL-Header-SVE-120617	12/6/2017	0.0023	U		0.023	U		0.002	J		0.44			0.0023	U		78		
SVE Refinery Header	WFL-Header-SVE-011118	1/11/2018	0.0025	U		0.025	U		0.0028			0.6			0.0025	U		79		
SVE Refinery Header	WFL-Header-SVE-020118	2/1/2018	0.0025	U		0.025	U		0.002	J		0.45			0.0025	U		79		
SVE Refinery Header	WFL-Header-SVE-030118	3/1/2018	0.0026	U		0.026	U		0.0025	J		0.61			0.0026	U		79		
SVE Refinery Header	WFL-Header-SVE-040318	4/3/2018	0.0026	U		0.026	U		0.0042			1.2			0.0026	U		79		
SVE Refinery Header	WFL-Header-SVE-050418	5/4/2018	0.0025	U		0.025	U		0.0042			0.96			0.0025	U		78		
SVE Refinery Header	WFL-Header-SVE-060118	6/1/2018	0.0025	U		0.025	U		0.0041			0.89			0.0025	U		80		
SVE RTO Exhaust	Exh-SVE-070517	7/5/2017	0.003	U		0.03	U		0.003	U		0.0037			0.003	U		80		
SVE RTO Exhaust	Exh-SVE-080917	8/9/2017	0.0026	U		0.026	U		0.0026	U		0.0038			0.0026	U		81		
SVE RTO Exhaust	Exh-SVE-090117	9/1/2017	0.0049	U		0.049	U		0.0049	U		0.002			0.0049	U		80		
SVE RTO Exhaust	Exh-SVE-100317	10/3/2017	0.0027	U		0.027	U		0.0027	U		0.0015			0.0027	U		80		
SVE RTO Exhaust	Exh-SVE-110117	11/1/2017	0.0026	U		0.026	U		0.0026	U		0.0032			0.0026	U		79		
SVE RTO Exhaust	Exh-SVE-120617	12/6/2017	0.0026	U		0.026	U		0.0026	U		0.0032			0.0026	U		79		
SVE RTO Exhaust	Exh-SVE-011118	1/11/2018	0.0029	U		0.029	U		0.0029	U		0.003			0.0029	U		79		
SVE RTO Exhaust	Exh-SVE-020118	2/1/2018	0.0024	U		0.024	U		0.0024	U		0.0054			0.0024	U		79		
SVE RTO Exhaust	Exh-SVE-030118	3/1/2018	0.0028	U		0.028	U		0.0028	U		0.0068			0.0028	U		79		
SVE RTO Exhaust	Exh-SVE-040318	4/3/2018	0.0025	U		0.025	U		0.0025	U		0.0049			0.0025	U		80		
SVE RTO Exhaust	Exh-SVE-050418	5/4/2018	0.0028	U		0.028	U		0.0028	U		0.0089			0.0028	U		80		
SVE RTO Exhaust	Exh-SVE-060118	6/1/2018	0.0028	U		0.028	U		0.0028	U		0.006			0.0028	U		80		

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Oxygen			Pentane			Propane		
			Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070517	7/5/2017	17			0.00071	J		0.0026	U	
SVE Public Works Header	Pw Header-SVE-080917	8/9/2017	16			0.0019	J		0.0025	U	
SVE Public Works Header	PW-Header-SVE-090117	9/1/2017	16			0.0038			0.0026	U	
SVE Public Works Header	PW-Header-SVE-100317	10/3/2017	16			0.0035			0.0025	U	
SVE Public Works Header	PW-Header-SVE-110117	11/1/2017	17			0.0054			0.0025	U	
SVE Public Works Header	PW-Header-SVE-120617	12/6/2017	17			0.0048			0.0024	U	
SVE Public Works Header	PW-Header-SVE-011118	1/11/2018	15			0.0074			0.0025	U	
SVE Public Works Header	PW-Header-SVE-020118	2/1/2018	16			0.01			0.0024	U	
SVE Public Works Header	PW-Header-SVE-030118	3/1/2018	16			0.012			0.0026	U	
SVE Public Works Header	PW-Header-SVE-040318	4/3/2018	16			0.014			0.0025	U	
SVE Public Works Header	PW-Header-SVE-050418	5/4/2018	15			0.019			0.0026	U	
SVE Public Works Header	PW-Header-SVE-060118	6/1/2018	16			0.0097			0.0025	U	
SVE Refinery Header	WFL-Header-SVE-070517	7/5/2017	18			0.013			0.0033	U	
SVE Refinery Header	WFL Header-SVE-080917	8/9/2017	16			0.012			0.00013	J	
SVE Refinery Header	WFL-Header-SVE-090117	9/1/2017	17			0.01			0.0025	U	
SVE Refinery Header	WFL-Header-SVE-100317	10/3/2017	16			0.0097			0.00011	J	
SVE Refinery Header	WFL-Header-SVE-110117	11/1/2017	18			0.012			0.0025	U	
SVE Refinery Header	WFL-Header-SVE-120617	12/6/2017	18			0.011			0.00014	J	
SVE Refinery Header	WFL-Header-SVE-011118	1/11/2018	16			0.014			0.00017	J	
SVE Refinery Header	WFL-Header-SVE-020118	2/1/2018	17			0.01			0.0025	U	
SVE Refinery Header	WFL-Header-SVE-030118	3/1/2018	17			0.013			0.00016	J	
SVE Refinery Header	WFL-Header-SVE-040318	4/3/2018	16			0.024			0.00028	J	
SVE Refinery Header	WFL-Header-SVE-050418	5/4/2018	17			0.023			0.00026	J	
SVE Refinery Header	WFL-Header-SVE-060118	6/1/2018	16			0.022			0.00027	J	
SVE RTO Exhaust	Exh-SVE-070517	7/5/2017	19			0.003	U		0.003	U	
SVE RTO Exhaust	Exh-SVE-080917	8/9/2017	18			0.0026	U		0.0026	U	
SVE RTO Exhaust	Exh-SVE-090117	9/1/2017	19			0.0049	U		0.0049	U	
SVE RTO Exhaust	Exh-SVE-100317	10/3/2017	19			0.0027	U		0.0027	U	
SVE RTO Exhaust	Exh-SVE-110117	11/1/2017	20			0.0026	U		0.0026	U	
SVE RTO Exhaust	Exh-SVE-120617	12/6/2017	20			0.0026	U		0.0026	U	
SVE RTO Exhaust	Exh-SVE-011118	1/11/2018	20			0.0029	U		0.0029	U	
SVE RTO Exhaust	Exh-SVE-020118	2/1/2018	20			0.0024	U		0.0024	U	
SVE RTO Exhaust	Exh-SVE-030118	3/1/2018	20			0.00012	J		0.0028	U	
SVE RTO Exhaust	Exh-SVE-040318	4/3/2018	19			0.0001	J		0.0025	U	
SVE RTO Exhaust	Exh-SVE-050418	5/4/2018	19			0.00016	J		0.0028	U	
SVE RTO Exhaust	Exh-SVE-060118	6/1/2018	19			0.0028	U		0.0028	U	

Notes:

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

UJ = Estimated non-detect

U = Non-detect due to blank contamination

ND, UJ = Non-detected compound associated with low bias in the continuing calibration verification

Figures

The following EVS descriptions and assumptions apply to **Figures 9** through **12**:

Plan View Model Output – The data input for the plan view model was not limited by depth and was modeled in three dimensions (3D). The bottom surface of the resulting model was limited to the potentiometric groundwater surface elevation. The two dimensional (2D) appearance of the figures created from the 3D model was achieved by displaying an aerial view of horizontal slices through the model. The horizontal slices were taken parallel to the ground surface that was created from GPS survey data, rather than at single elevation plane. The result of this is a surface that accurately represents soil vapor concentrations at discreet depths measured from ground surface.

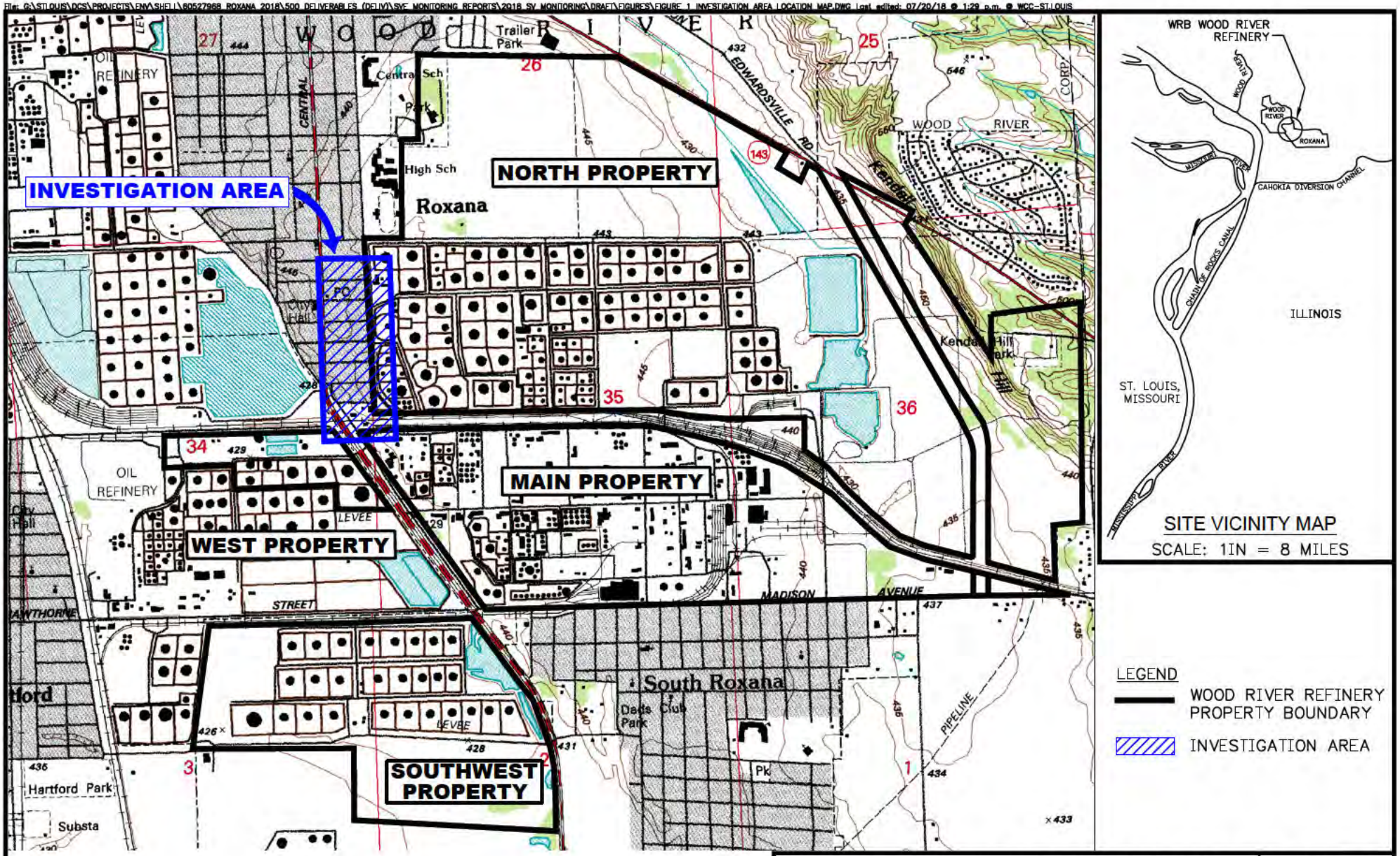
Inward Kriging / Boundary Cut-off – This method of Kriging limits the horizontal extent of data modeling to the extent of the data on the x/y plane in a convex hull. The model is bounded by the VMPs.

Vertical Cut-off – The bottom surface of this model is based on the 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\60527968 ROXANA 2018\500 DELIVERABLES (DELIV)\SVE MONITORING REPORTS\2018 SV MONITORING\DRAFT\FIGURES\FIGURE 1 INVESTIGATION AREA LOCATION MAP.DWG Last edited: 07/20/18 @ 1:29 p.m. @ 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.
60527968

AECOM

DRN. BY: djd July 2018
DSGN. BY: djd
CHKD. BY: smf

Investigation Area Location Map

FIG. NO.
1

File: G:\STLOUIS\DCS\PROJECTS\ENV\SHELL\60527968 ROXANA 2018\500 DELIVERABLES (DELIV)\SVE MONITORING REPORTS\2018 SV MONITORING\DRAFT\FIGURES\FIGURE 2 VAPOR MONITORING SAMPLING POINT LOCATIONS.DWG Last edited: JUL. 20, 18 @ 1:43 p.m. by: david.deguire

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

NORTH PROPERTY

WOOD RIVER REFINERY

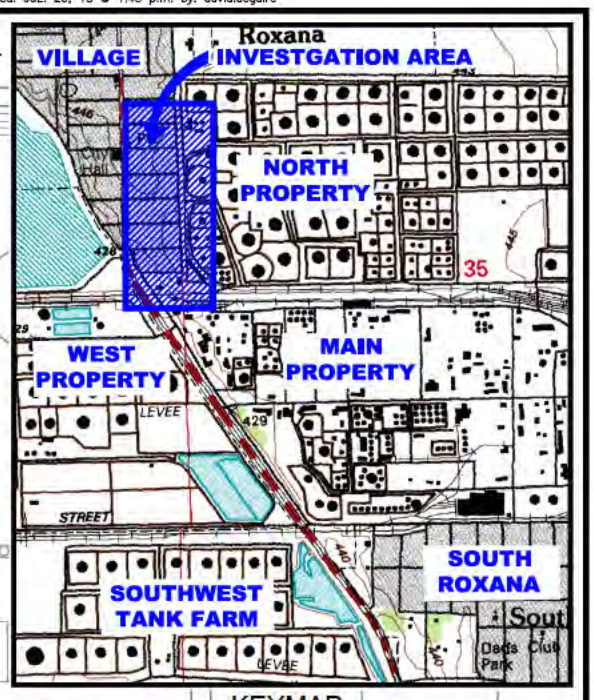
PUBLIC WORKS YARD

1986 APPROXIMATE BENZENE RELEASE SITE

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-17, VMP-11, VMP-29, VMP-30, VMP-13, VMP-55, VMP-14, VMP-25, VMP-15, VMP-16

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, VMP-12

A-28, A-27

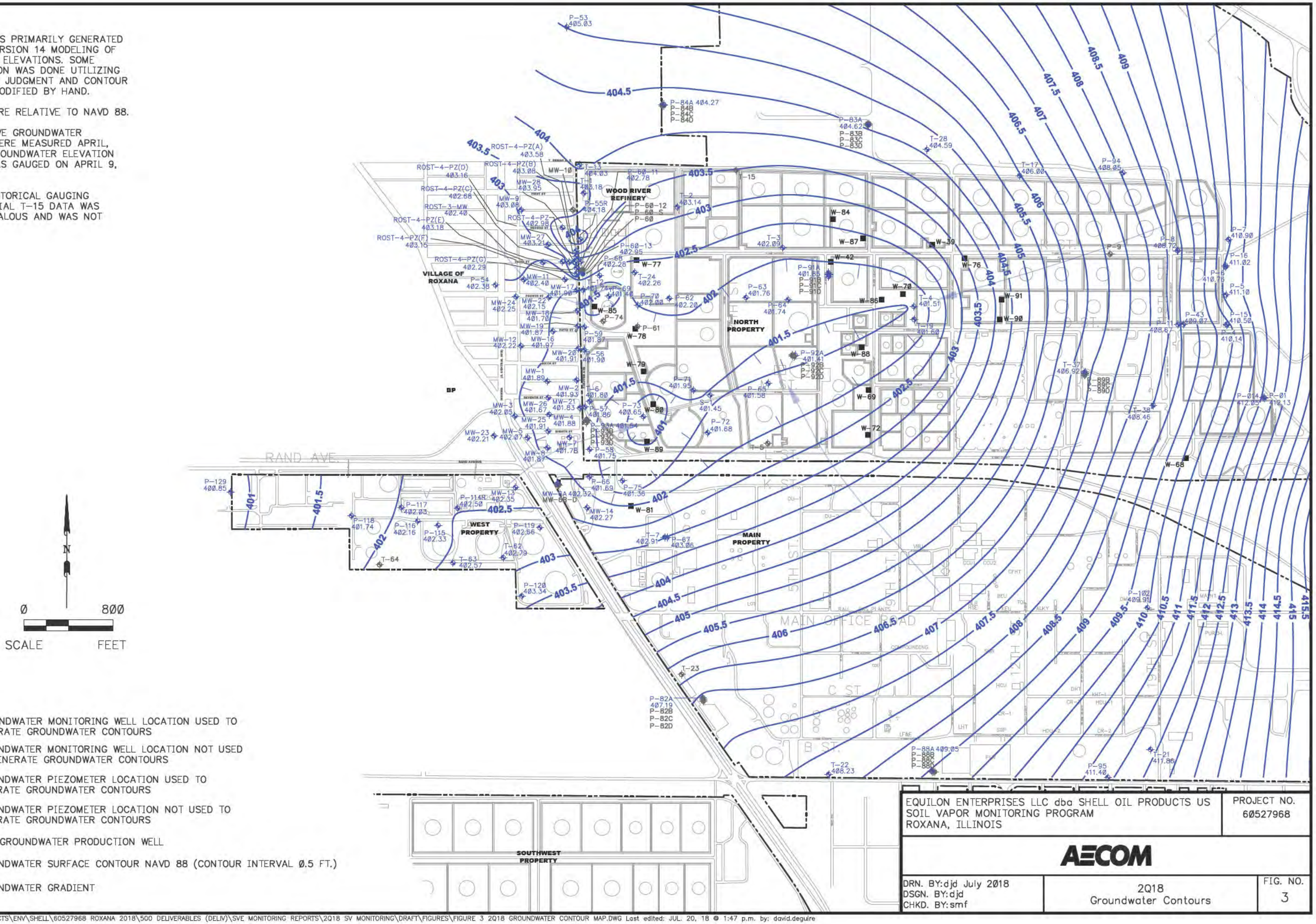


KEYMAP
1" = 2,500'

0 200
SCALE FEET
N

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 60527968
AECOM		
DRN. BY: djd July 2018 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, 2-4, 2018. GROUNDWATER ELEVATION AT P-114R WAS GAUGED ON APRIL 9, 2018.
4. BASED ON HISTORICAL GAUGING RESULTS, INITIAL T-15 DATA WAS DEEMED ANOMALOUS AND WAS NOT USED.



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 0.5 FT.)
- GROUNDWATER GRADIENT

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DRN. BY:djd July 2018
DSGN. BY:djd
CHKD. BY:smf

2Q18
Groundwater Contours

FIG. NO. 3

File: G:\STLOUIS\DCS\PROJECTS\ENV\SHELL\60527968 ROXANA 2018\500 DELIVERABLES (DELIV)\SVE MONITORING REPORTS\2Q18 SV MONITORING\DRAFT\FIGURES\FIGURE 3 2Q18 GROUNDWATER CONTOUR MAP.DWG Last edited: JUL. 20, 18 @ 1:47 p.m. by: david.deguire

File: G:\STLOUIS\DCS\PROJECTS\ENV\SHELL\60527968 ROXANA 2018\500 DELIVERABLES (DELIV)\SVE MONITORING REPORTS\2018 SV MONITORING\DRAFT\FIGURES\FIGURE 4 VAPOR PORT SCREEN COMPARISON TO GW ELEVATIONS (2018).DWG Last edited: JUL. 20, 18 @ 1:49 p.m. by: dgvid.deguire

NOTES:

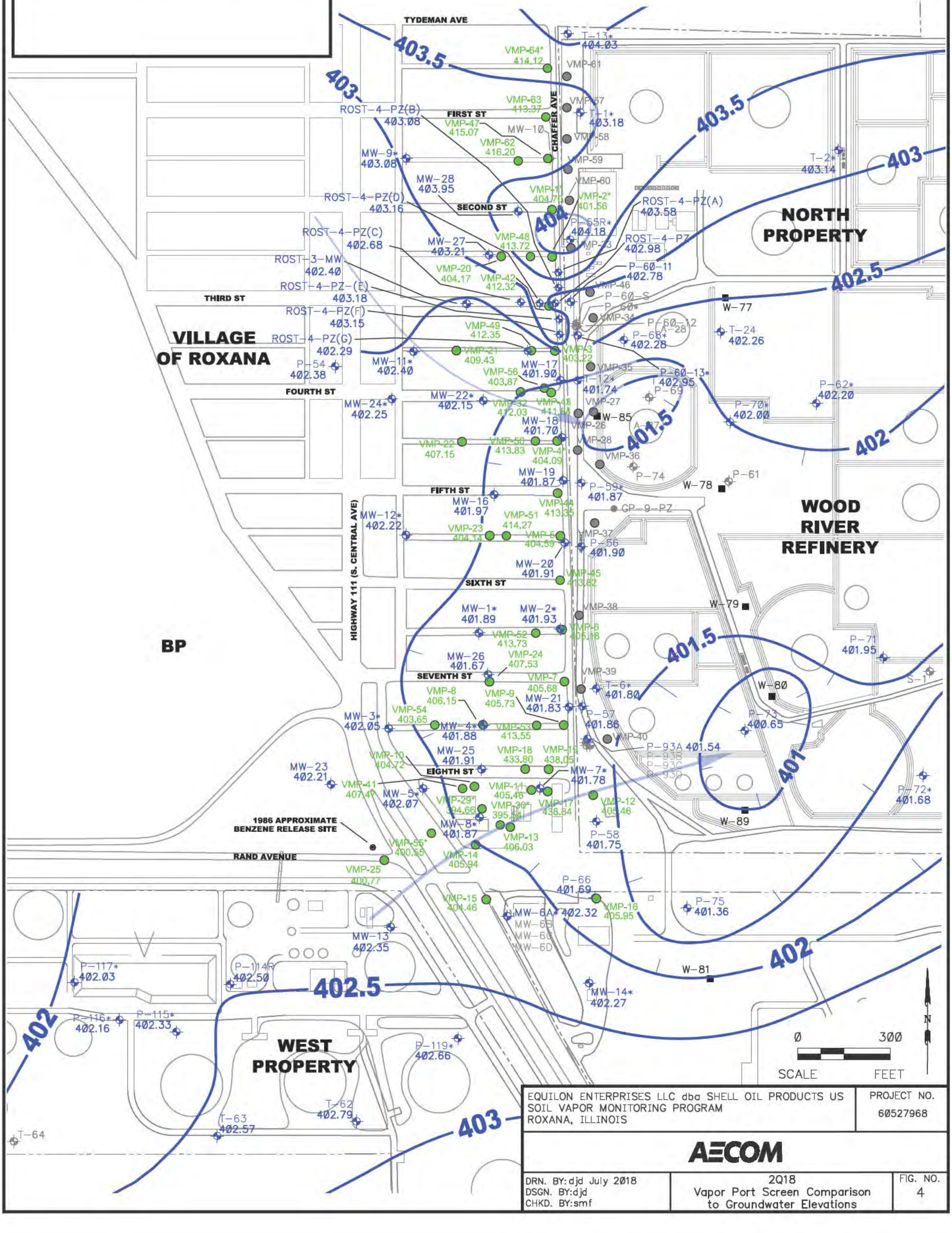
1. COMPREHENSIVE GROUNDWATER ELEVATIONS WERE MEASURED APRIL 2–4, 2018. GROUNDWATER ELEVATION AT P–114R WAS GAUGED ON APRIL 9, 2018.
2. CONTOUR LINES PRIMARILY GENERATED BY SURFER VERSION 8 MODELING OF GROUNDWATER ELEVATIONS. SOME INTERPRETATION WAS DONE UTILIZING PROFESSIONAL JUDGMENT AND CONTOUR LINES 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. 60527968
AECOM		
DRN. BY: djd July 2018 DSGN. BY: djd CHKD. BY: smf	2Q18 Vapor Port Screen Comparison to Groundwater Elevations	FIG. NO. 4

File: G:\STLOUIS\DCS\PROJECTS\ENV\SHELL\60527968 ROXANA 2018\500 DELIVERABLES (DELIV)\SVE MONITORING REPORTS\2Q18 SV MONITORING\DRAFT\FIGURES\FIGURE 5 SUMMARY OF BENZENE SOIL VAPOR ANALYTICAL RESULTS (VILLAGE).DWG Last edited: JUL. 20, 18 @ 2:14 p.m. by: david.deguire

Location	Depth	Benzene (mg/m3) 3Q17 (Initial Sample)	3Q17 (Re-sample[2])	4Q17	1Q18	2Q18
VMP-62	5 ft	<0.0034	<0.0039	<0.0036	<0.0034	<0.0036
	10 ft	<0.0036		<0.0035	<0.0034	<0.0035
	20 ft	<0.0039		**<0.0036 J**	<0.0033	Not Sampled[1]
	30 ft	<0.0039 / <0.0038		<0.0036 / **<0.0036 J**	**0.0012 J / 0.0012 J**	<0.0036

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-63	5 ft	**0.00041 J**	**0.00051 J**	<0.0036	<0.0034
	10 ft	<0.0039	<0.0035	<0.0036	<0.0035
	20 ft	**0.00045 J**	<0.0035	**0.0014 J**	**0.0011 J**
	30 ft	<0.0037	**0.00059 J**	**0.0011 J / 0.0013 J**	<0.0036 / <0.0036

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-48	5 ft	<0.0038	**0.0008 J**	<0.0038	<0.01
	10 ft	<0.0037	**<0.0035 J**	<0.0035	<0.0039
	20 ft	<0.0037	**<0.0034 J**	**0.0017 J**	<0.004
	30 ft	<0.0036	**<0.0036 J / <0.0035 J**	<0.0036	<0.0039 / <0.0041

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-64	5 ft	<0.0074	<0.0036	**<0.0036 J**	<0.004
	10 ft	<0.004	**<0.0034 J**	**<0.0038 J**	<0.0039
	20 ft	<0.004	**<0.0034 J**	**<0.0038 J**	<0.0038
	28 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-20	5 ft	<0.0039	**<0.0036 J**	**<0.0037 J**	<0.0038
	10 ft	<0.0037	**<0.0035 J**	<0.0038	<0.0038
	25 ft	<0.0039	**<0.0036 J**	**<0.0037 J**	<0.0038
	39.5 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	<0.0037

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-47	5 ft	<0.0039	**0.015**	<0.0036	<0.0039
	10 ft	**0.00078 J**	<0.0038	<0.0036	<0.0039
	20 ft	<0.0038	<0.0038	<0.0038 / <0.0036	<0.0039
	30 ft	**0.001 J**	**<0.0039 J**	<0.0037	**0.0015 J / 0.0014 J**

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-1	5 ft	**0.0021 J**	**0.00066 J**	<0.0035	**0.00088 J**
	8.5 ft	<0.004	<0.0036	<0.0036	**0.00072 J**
	23.5 ft	**0.00086 J**	<0.0038	<0.0035	**0.001 J**
	38.5 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-2	5 ft	<0.004	<0.0038	<0.0035	<0.0036
	8.5 ft	<0.0044	**<0.0039 J**	**0.0063**	<0.0036
	22 ft	**0.00085 J** / <0.004	<0.0035	<0.0034	<0.0037
	42 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-49	5 ft	<0.0039	<0.0036	**<0.0036 J**	<0.0038
	10 ft	<0.004	<0.0037	**<0.0036 J**	**0.00062 J**
	20 ft	<0.0039	<0.0035	<0.0037	<0.0035
	30 ft	<0.004 / <0.004	<0.0036	**<0.0038 J**	<0.004

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-42	10 ft	<0.0038	**<0.0033 J**	<0.0035	**0.00086 J**
	20 ft	**0.00036 J**	**<0.0035 J**	**<0.0036 J**	<0.0034
	30 ft	<0.0039	**<0.0036 J / <0.0034 J**	**<0.0032 J**	<0.0036

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-56	10 ft	<0.0041	<0.0037	<0.0035	<0.004
	25 ft	<0.004	<0.0036	**<0.0036 J**	<0.0038
	38.5 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	880

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-3	5 ft	<0.004	<0.004	**0.0014 J**	<0.0039
	10 ft	**0.00053 J**	<0.004	<0.0035	<0.0038
	22 ft	<0.004	<0.0038	<0.0036	<0.0041
	31.5 ft	**0.0011 J**	**0.0044 / 0.0044**	Not Sampled[1]	**0.00063 J**
	39 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	**0.0014 J / 0.0018 J**

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-21	5 ft	<0.0037	**<0.0036 J**	**<0.0034 J**	<0.0038
	10 ft	<0.0039	**<0.0035 J**	<0.0035	<0.0038
	25 ft	<0.0038	**<0.0037 J**	<0.0036	<0.0039
	33 ft	**0.00084 J / 0.00071 J**	**<0.0036 J**	**<0.0034 J / <0.0035 J**	<0.0041

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-43	10 ft	<0.004	<0.0036	<0.0034	<0.0038
	20 ft	<0.0041	<0.0037	<0.0038	<0.0036
	30 ft	<0.0037	<0.0036	**<0.0037 J**	<0.0038 / <0.0038

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-32	5 ft	**0.00078 J**	**<0.0036 J**	<0.0034	**0.00036 J**
	10 ft	**0.0013 J**	<0.0038	<0.0035	<0.0037
	20 ft	<0.004	<0.0037	<0.0032	<0.0036
	30 ft	**0.00087 J** / <0.0039	**0.0055 J**	**0.00044 J**	**0.0014 J / 0.0015 J**

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-50	5 ft	<0.004	**<0.0035 J**	<0.0038	<0.086
	10 ft	<0.004	<0.0035	<0.0036	<0.012
	20 ft	<0.0039	**<0.0034 J**	**0.011 J / 0.014 J**	<0.36 / <0.36
	30 ft	**0.095**	**0.14 / 0.15**	<0.036	<0.74

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-22	5 ft	<0.0039	<0.0035	**<0.0036 J**	<0.0038
	10 ft	<0.0039	<0.0038	**0.0012 J**	<0.004
	18 ft	<0.0044	<0.0037	**0.0052**	<0.0042 / <0.0039
	38 ft	<0.0038 / <0.0038	**0.00047 J**	**0.001 J**	<0.004

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-4	5 ft	<0.004	**0.0007 J**	<0.0037	<0.0039
	12 ft	<0.0038	**0.00069 J**	<0.0036	<0.0041
	23.5 ft	**0.00073 J / 0.00069 J**	**0.00064 J**	**<0.004 J**	<0.074 / <0.083
	39 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-44	10 ft	**0.0004 J**	**<0.0039 J**	**<0.0037 J**	<0.0039
	20 ft	<0.0041	<0.0038	**<0.0036 J**	**0.00094 J**
	30 ft	<0.004	**0.00085 J / <0.0037 J**	**0.00094 J / 0.00087 J**	**0.00061 J**

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-51	5 ft	<0.004	**<0.0036 J**	<0.0036	<0.0035
	10 ft	<0.0036	**<0.0036 J**	<0.0036	<0.0033
	20 ft	**0.0015 J**	**<0.0038 J**	<0.0036 / **0.00052 J**	<0.0034
	30 ft	**0.0015 J**	**<0.0035 J**	**0.00058 J**	<0.0036

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-5	5 ft	**0.00075 J**	**<0.0036 J**	**<0.0034 J**	<0.0034
	12.5 ft	**0.00049 J**	**<0.0034 J**	<0.0036	**0.00062 J**
	31 ft	<0.004 / <0.0038	**<0.0035 J**	<0.0036	<0.0035
	40 ft	Not Sampled[1]	Not Sampled[1]	**<0.0034 J**	**0.00053 J** / <0.0035

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-23	5 ft	<0.0038	<0.0038	**<0.0041 J**	<0.0036
	10 ft	<0.0038	**0.0011 J**	**<0.0036 J**	<0.0037
	25 ft	<0.0036	**<0.0038 J**	**<0.0035 J**	<0.0038
	40 ft	Not Sampled[1]	Not Sampled[1]	<0.0037	<0.0035

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-45	10 ft	<0.004	**<0.0035 J**	<0.0034	<0.0037
	20 ft	<0.004	**<0.0035 J**	**0.00034 J**	<0.0037
	30 ft	<0.004	**<0.0036 J**	**0.00037 J**	<0.0038

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-52	5 ft	<0.004	<0.0036	**0.00038 J**	<0.0041
	10 ft	<0.004	**0.0014 J**	**0.00048 J**	<0.0041
	20 ft	<0.004	<0.0036	**0.00042 J / 0.00049 J**	<0.0039
	30 ft	<0.0041	**<0.0037 J** / <0.0038	**0.00068 J**	<0.0043

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-6	5 ft	<0.0038	<0.0034	<0.0035	<0.0034
	10 ft	<0.0037	**<0.0034 J**	**0.00069 J**	<0.0038
	31.5 ft	<0.0038 / <0.0038	**<0.0034 J**	**0.00041 J**	<0.0038
	39 ft	Not Sampled[1]	**<0.0035 J / <0.0036 J**	**0.0052 / 0.0054**	<0.0038

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-24	5 ft	<0.004	<0.0038	**0.00032 J**	<0.0039
	10 ft	<0.0039	<0.0035	**0.00053 J**	<0.0038
	22 ft	<0.0038	<0.0035	**0.00038 J**	<0.0036
	34 ft	<0.0038 / <0.0039	**<0.0037 J**	**0.00038 J**	**0.0013 J / 0.001 J**

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-7	5 ft	**0.00079 J**	**<0.0036 J**	**<0.0036 J**	<0.0038
	13.5 ft	<0.0038	<0.0037	<0.0037	<0.0036
	29.5 ft	<0.0038	**<0.0038 J**	<0.0037	<0.0037
	38 ft	Not Sampled[1]	**0.0015 J**	<0.0036	<0.0036 / <0.0037

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-54	5 ft	<0.0039	**<0.0035 J**	**<0.0037 J**	<0.0039
	10 ft	<0.004	**<0.0036 J**	**<0.0038 J**	<0.0038
	20 ft	<0.004	**<0.0034 J**	**<0.0036 J**	<0.0037
	30 ft	<0.0042	**0.00056 J** / <0.0036	**<0.0038 J**	**0.00043 J**

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-9	5 ft	**0.00042 J**	**<0.0035 J**	**<0.004 J**	<0.0039
	11.5 ft	<0.0038	**<0.0038 J**	**<0.0038 J**	<0.0039
	25.5 ft	**0.00076 J**	**<0.0036 J**	**<0.0038 J**	**0.0028 J**
	38.5 ft	Not Sampled[1]	**<0.0036 J**	**<0.0038 J**	**0.00096 J**

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-8	5 ft	**0.00058 J**	**<0.0037 J**	**<0.0036 J**	<0.0038
	9.5 ft	<0.0039	<0.0036	**<0.0037 J**	<0.0038
	23.5 ft	<0.0039	**<0.0036 J**	**<0.0037 J** / **<0.0038 J**	<0.0039
	35.5 ft	<0.007 / <0.0078	**<0.0036 J**	Not Sampled[1]	<0.0036

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-18	8.5 ft	**0.00084 J**	**0.0012 J / 0.0011 J**	<0.0037	<0.0036

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-53	5 ft	<0.0039	**<0.0034 J**	**<0.0039 J**	<0.0037
	10 ft	<0.0039	<0.0036	**<0.0039 J**	**0.0014 J**
	20 ft	<0.0039	<0.0036	**<0.0038 / <0.0038 J**	<0.0037
	30 ft	<0.0039 / <0.0039	**<0.0035 J**	**<0.0039 J**	<0.0034

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-19	5 ft	**0.0032 J**	**0.00074 J**	**<0.0036 J**	<0.004

TYDEMAN AVE
CHAFFER AVE
HIGHWAY 111 (S. CENTRAL 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
VMP-1, VMP-2, VMP-3, VMP-4, VMP-5, VMP-6, VMP-7, VMP-8, VMP-9, VMP-10, VMP-11, VMP-12, VMP-13, VMP-14, VMP-15, VMP-16, VMP-17, VMP-18, VMP-19, VMP-20 / VMP-2, VMP-21, VMP-22, VMP-23, VMP-24, VMP-25, VMP-26, VMP-27, VMP-28, VMP-29, VMP-30, VMP-32, VMP-33, VMP-34, VMP-35, VMP-36, VMP-37, VMP-38, VMP-39, VMP-41, VMP-42, VMP-43, VMP-44, VMP-45, VMP-46, VMP-47, VMP-48, VMP-49, VMP-50, VMP-51, VMP-52, VMP-53, VMP-54, VMP-55, VMP-56, VMP-58, VMP-59, VMP-60, VMP-61, VMP-62, VMP-63, VMP-64

LEGEND

- VAPOR MONITORING POINT (VMP) LOCATION
- VMP LOCATION (NOT USED FOR QUARTERLY SAMPLING)
- BENZENE CONCENTRATION > SCREENING CRITERION (0.37mg/m³), FOR RESIDENTIAL.

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. J = RESULT IS ESTIMATED
   < = NOT DETECTED AT INDICATED REPORTING LIMIT.
   DETECTED RESULTS AND ESTIMATED RESULTS ARE BOLD.
4. MULTIPLE RESULTS (e.g., 440/410) INDICATE DUPLICATE SAMPLES.

0 200 SCALE FEET

N

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

PROJECT NO. 60527968

AECOM

DRN. BY: djd July 2018
DSGN. BY: djd
CHKD. BY: smf

2Q18 Summary of Benzene Soil Vapor Analytical Results – Village of Roxana

FIG. NO. 5

File: G:\STLOUIS\DCS\PROJECTS\ENV\SHELL\60527968 ROXANA 2018\500 DELIVERABLES (DELM)\SVE MONITORING REPORTS\2Q18 SV MONITORING\DRAFT\FIGURES\FIGURE 6 SUMMARY OF BENZENE SOIL VAPOR ANALYTICAL RESULTS (PUBLIC WORKS YARD).DWG Last edited: JUL 20, 18 @ 2:18 p.m. by: david.deguire

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 WILL NO LONGER BE COLLECTED AT VMP-25-31 DUE TO PORT INTEGRITY.
3. J = RESULT IS ESTIMATED
   < = NOT DETECTED AT INDICATED REPORTING LIMIT.
   DETECTED RESULTS AND ESTIMATED RESULTS ARE BOLD.
4. MULTIPLE RESULTS (e.g., 440/410) INDICATE DUPLICATE SAMPLES.

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

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-11	5 ft	<0.004	**<0.0038 J**	<0.0035	<0.0039
	8 ft	<0.0039	**<0.0036 J**	<0.0034	<0.0039
	29 ft	<0.0038	**<0.0036 J**	<0.0034	<0.0041
	36 ft	<0.0038	**0.0011 J / <0.0035 J**	**0.00051 J**	<0.004

FIFTH ST VMP-44 CHAFFER AVE VMP-37 VMP-51 VMP-5 1ST STREET HIGHWAY 111 (S. CENTRAL AVE) VMP-45 SIXTH ST WOOD RIVER REFINERY VILLAGE OF ROXANA VMP-38 VMP-6 VMP-52

BP

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-10	5 ft	<0.0037	**<0.0036 J**	**0.00042 J**	<0.0037
	10 ft	<0.0039	<0.0035	<0.0036	<0.0037
	20 ft	<0.0039	**<0.0034 J**	<0.0036	<0.004
	30 ft	Not Sampled[1]	**<0.0034 J / <0.0034 J**	**0.002 J / 0.0021 J**	<0.0041 / <0.0039

SEVENTH ST VMP-7 VMP-39

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-41	10 ft	<0.0037	<0.0035	**0.0004 J**	<0.0036
	20 ft	<0.0038	<0.0036	**0.00045 J**	<0.0038
	26 ft	<0.0036 / <0.004	<0.0036 / <0.0036	**0.00034 J**	<0.0038 / <0.0037

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

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-29	10 ft	<0.0076	**0.00095 J**	**0.0088**	**0.0019 J**
	18 ft	**0.0098**	**0.00091 J**	**0.044**	**0.0016 J**
	26 ft	**0.014 J / 0.011 J**	**0.0024 J / 0.0017 J**	**0.02**	**0.0016 J / 0.0015 J**
	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) 3Q17	4Q17	1Q18	2Q18
VMP-30	10 ft	**0.012**	**0.00088 J**	**0.0046**	<0.0038
	18 ft	**0.09**	**0.0036 J**	**0.034 / 0.036**	**0.0023 J**
	26 ft	**0.058**	**0.005**	**0.1**	**0.0051**
	40 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

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

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-25	5 ft	<0.0035	**<0.0036 J**	**0.0015 J**	<0.0039
	9.5 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]
	21 ft	**0.0051**	**<0.0035 J**	**0.0012 J / 0.0011 J**	<0.0038
	31 ft	**3.9 J / 4.6 J**	**7.4 / 8**	**9.8 / 9.8**	Not Sampled[2]

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-55	5 ft	**0.0022 J**	**0.00095 J**	**<0.0035 J**	<0.004
	10 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]
	20 ft	<0.2	<0.95	<0.39	<4.8
	30 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-17	5 ft	<0.0039	**0.0044**	**0.00073 J**	<0.0038 / <0.0038

WEST PROPERTY

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-13	5 ft	**0.0008 J**	<0.0036	**0.00032 J**	<0.0036
	10.5 ft	**0.0013 J**	<0.0036	<0.0035	<0.0042
	21.5 ft	**0.00097 J**	<0.0036	**0.00063 J**	**0.0006 J**
	29.5 ft	**0.83**	**0.0081**	**0.00032 J / <0.0036**	<0.004

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-14	5 ft	<0.004	**<0.0036 J**	<0.0038	<0.0041
	11.5 ft	<0.004	<0.0037	**0.00096 J**	<0.0041
	20 ft	**0.017 J**	**0.01**	**0.0044**	**0.0055**
	29 ft	Not Sampled[1]	**0.0023 J**	**0.0012 J**	**0.0012 J**

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-15	5 ft	**<0.0039 J**	**<0.0039 J**	<0.0037	<0.0036
	21.5 ft	**0.0076 J**	**<0.0039 J**	**<0.0037 J**	<0.0038
	25.5 ft	**0.049 J**	**<0.0038 J**	**0.0013 J**	**0.00089 J**
	29 ft	Not Sampled[1]	Not Sampled[1]	**0.0022 J**	**0.0011 J**

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

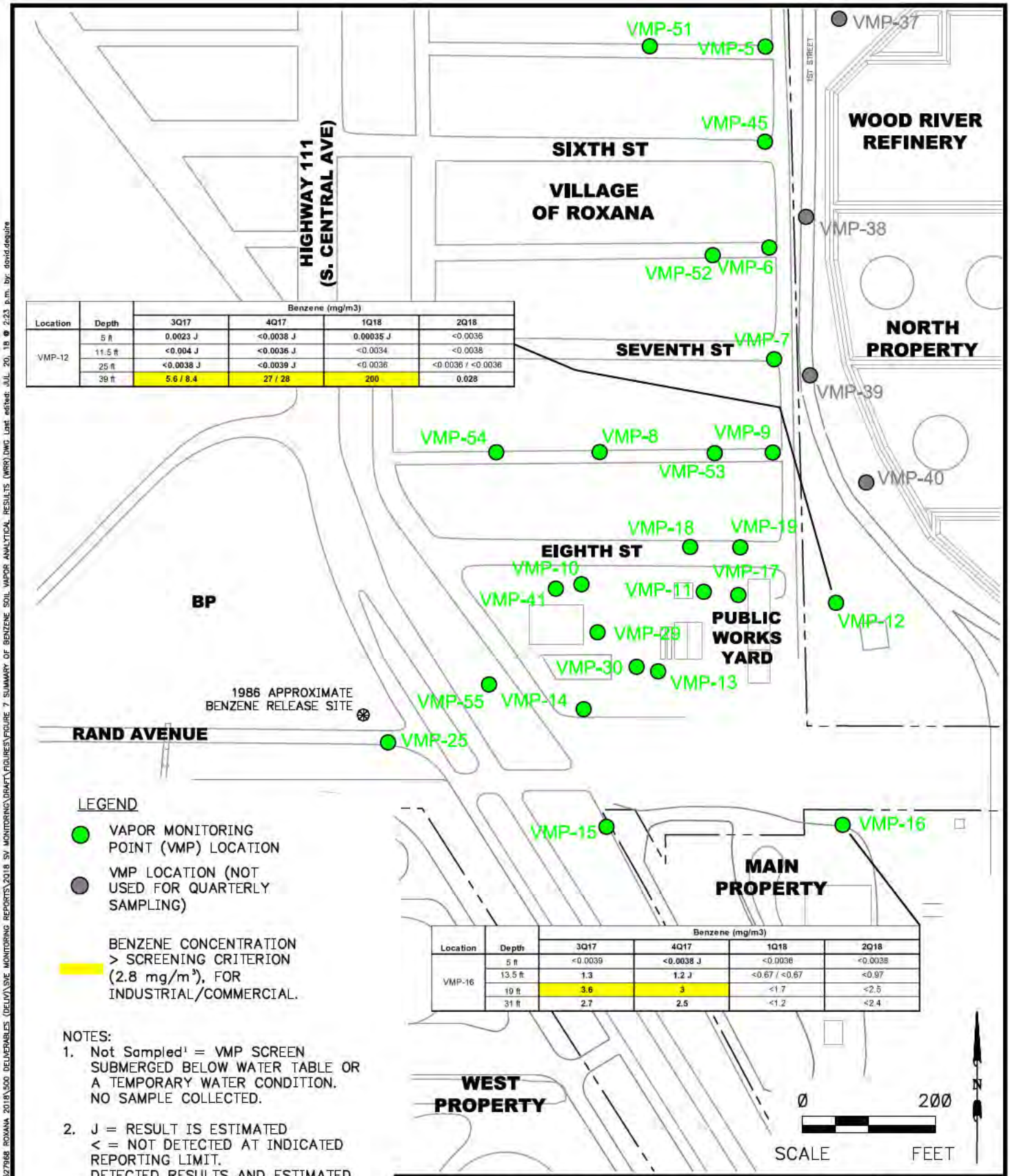
PROJECT NO. 60527968

AECOM

DRN. BY: djd July 2018
DSGN. BY: djd
CHKD. BY: smf

2Q18 Summary of Benzene Soil Vapor Analytical Results– Roxana Public Works Yard Area

FIG. NO. 6



Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-12	5 ft	0.0023 J	<0.0038 J	0.00035 J	<0.0036
	11.5 ft	<0.004 J	<0.0036 J	<0.0034	<0.0038
	25 ft	<0.0038 J	<0.0039 J	<0.0036	<0.0036 / <0.0036
	39 ft	5.6 / 8.4	27 / 28	200	0.028

Location	Depth	Benzene (mg/m3) 3Q17	4Q17	1Q18	2Q18
VMP-16	5 ft	<0.0039	<0.0038 J	<0.0036	<0.0038
	13.5 ft	1.3	1.2 J	<0.67 / <0.67	<0.97
	19 ft	3.6	3	<1.7	<2.5
	31 ft	2.7	2.5	<1.2	<2.4

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. 60527968

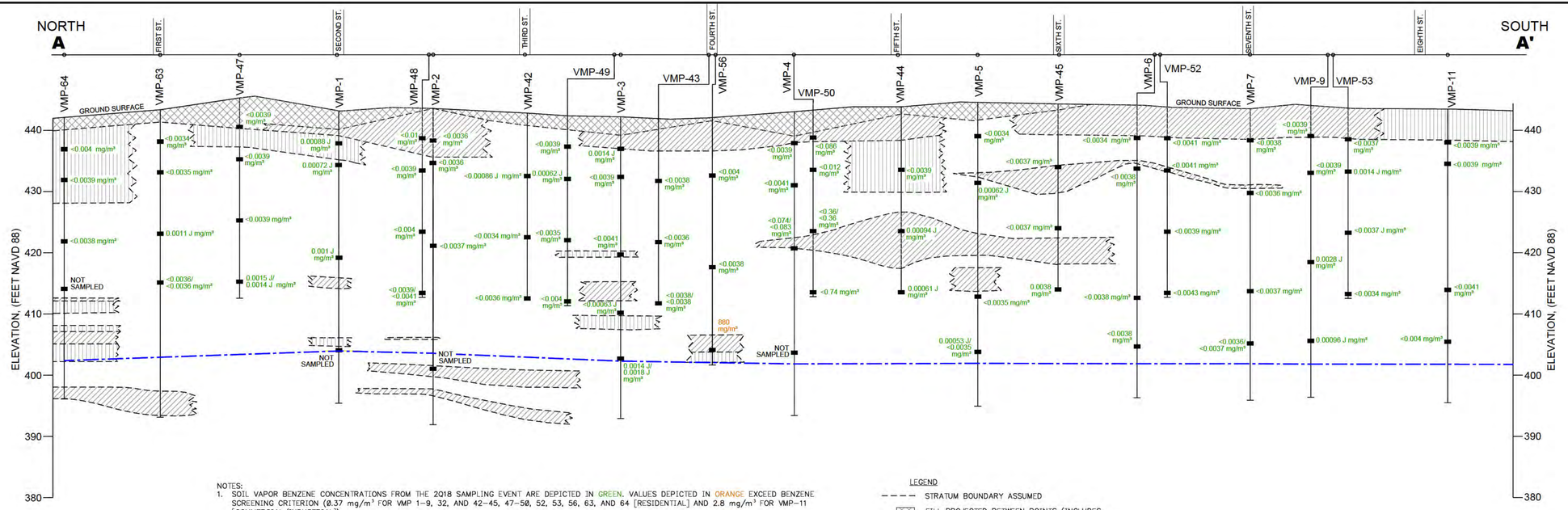
AECOM

DRN. BY: djd July 2018
DSGN. BY: djd
CHKD. BY: smf

2Q18 Summary of Benzene Soil Vapor Analytical Results – WRR

FIG. NO. 7

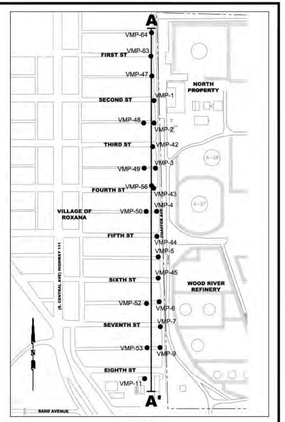
File: G:\STLOUIS\DCS\PROJECTS\ENV\SHELL\60527968 ROXANA 2018\500 DELIVERABLES (DELIV)\SVE MONITORING REPORTS\2018 SV MONITORING\DRAFT\FIGURES\FIGURE 7 SUMMARY OF BENZENE SOIL VAPOR ANALYTICAL RESULTS (WRR).DWG Last edited: JUL 20, 18 @ 2:23 p.m. by: david.deguire



NOTES:
1. SOIL VAPOR BENZENE CONCENTRATIONS FROM THE 2Q18 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 2–4, 2018.
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. 60527968
AECOM		
DRN. BY: djd July 2018 DSGN. BY: djd CHKD. BY: smf	2018 Cross–Section with Benzene Soil Vapor Analytical Results – Chaffer Avenue	FIG. NO. 8

File: \\USSTL1PFILN001.NA.AECOMNET.COM\PREVIOUSVERSIONS\DCS\PROJECTS\ENV\SHELL\60527968 ROXANA 2018\500 DELIVERABLES (DELIV)\SVE MONITORING REPORTS\2018 SV MONITORING\DRAFT\FIGURES\FIGURE 9 SUMMARY OF SOIL VAPOR BENZENE-5FT BGS.DWG Last edited: JUL. 26, 18 @ 11:06 a.m. by: david.deguire

LEGEND

- VAPOR MONITORING POINT (VMP) LOCATION
- VMP LOCATION (NOT USED FOR QUARTERLY SAMPLING)
- EXTENT OF EVS MODEL DATA SET
- MODELED SOIL VAPOR CONCENTRATION BENZENE (mg/m^3)

NOTES:

1. IMAGES GENERATED UTILIZING CTECH ENVIRONMENTAL VISUALIZATION SYSTEM MODELING SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF THE MEASURED DATA.
2. THE LOWEST CONCENTRATION CONTOUR REPRESENTS THE SCREENING CRITERION FOR RESIDENTIAL PROPERTIES (Ø.37 mg/m^3).
3. DATA SHOWN REPRESENT A HORIZONTAL SLICE OF A 3D MODEL.
4. 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.

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

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

SCALE Ø 200 FEET

N

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SOIL VAPOR MONITORING PROGRAM
ROXANA, ILLINOIS

PROJECT NO. 60527968

AECOM

DRN. BY: djd July 2018
DSGN. BY: djd/nm
CHKD. BY: smf

2Q18 Benzene Soil Vapor Distribution – 5 ft bgs

FIG. NO. 9

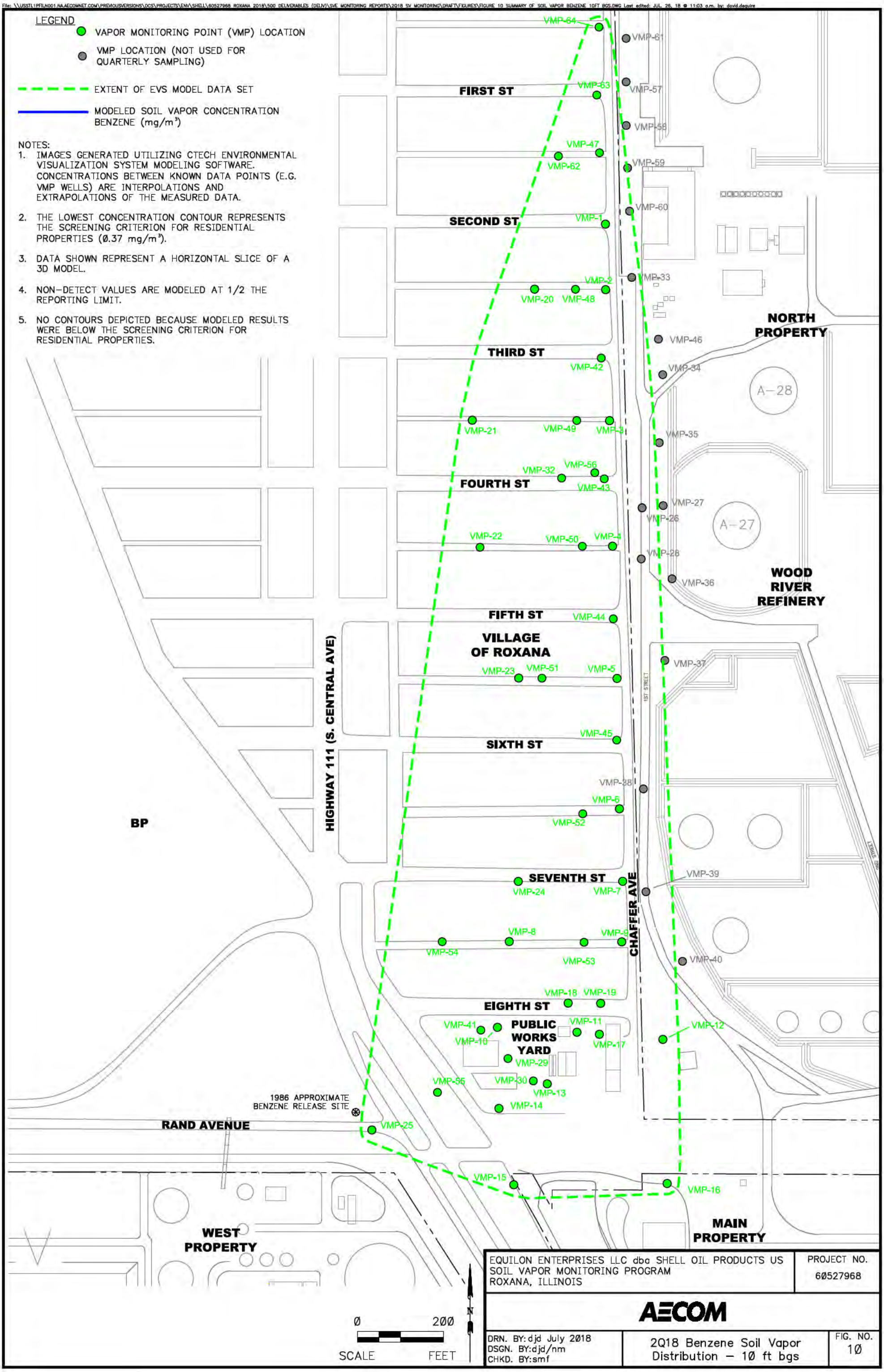
File: \\USSTL1PFILN001.NA.AECOMNET.COM\PREVIOUSVERSIONS\DCS\PROJECTS\ENV\SHELL\60527968 ROXANA 2018\500 DELIVERABLES (DELIV)\SVE MONITORING REPORTS\2018 SV MONITORING\DRAFT\FIGURES\FIGURE 10 SUMMARY OF SOIL VAPOR BENZENE 10FT BGS.DWG Last edited: JUL. 26, 18 @ 11:03 a.m. by: david.deguire

LEGEND

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

NOTES:

1. IMAGES GENERATED UTILIZING CTECH ENVIRONMENTAL VISUALIZATION SYSTEM MODELING SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF THE MEASURED DATA.
2. THE LOWEST CONCENTRATION CONTOUR REPRESENTS THE SCREENING CRITERION FOR RESIDENTIAL PROPERTIES (Ø.37 mg/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. 60527968
AECOM		
DRN. BY: djd July 2018 DSGN. BY: djd/nm CHKD. BY: smf	2Q18 Benzene Soil Vapor Distribution – 10 ft bgs	FIG. NO. 10

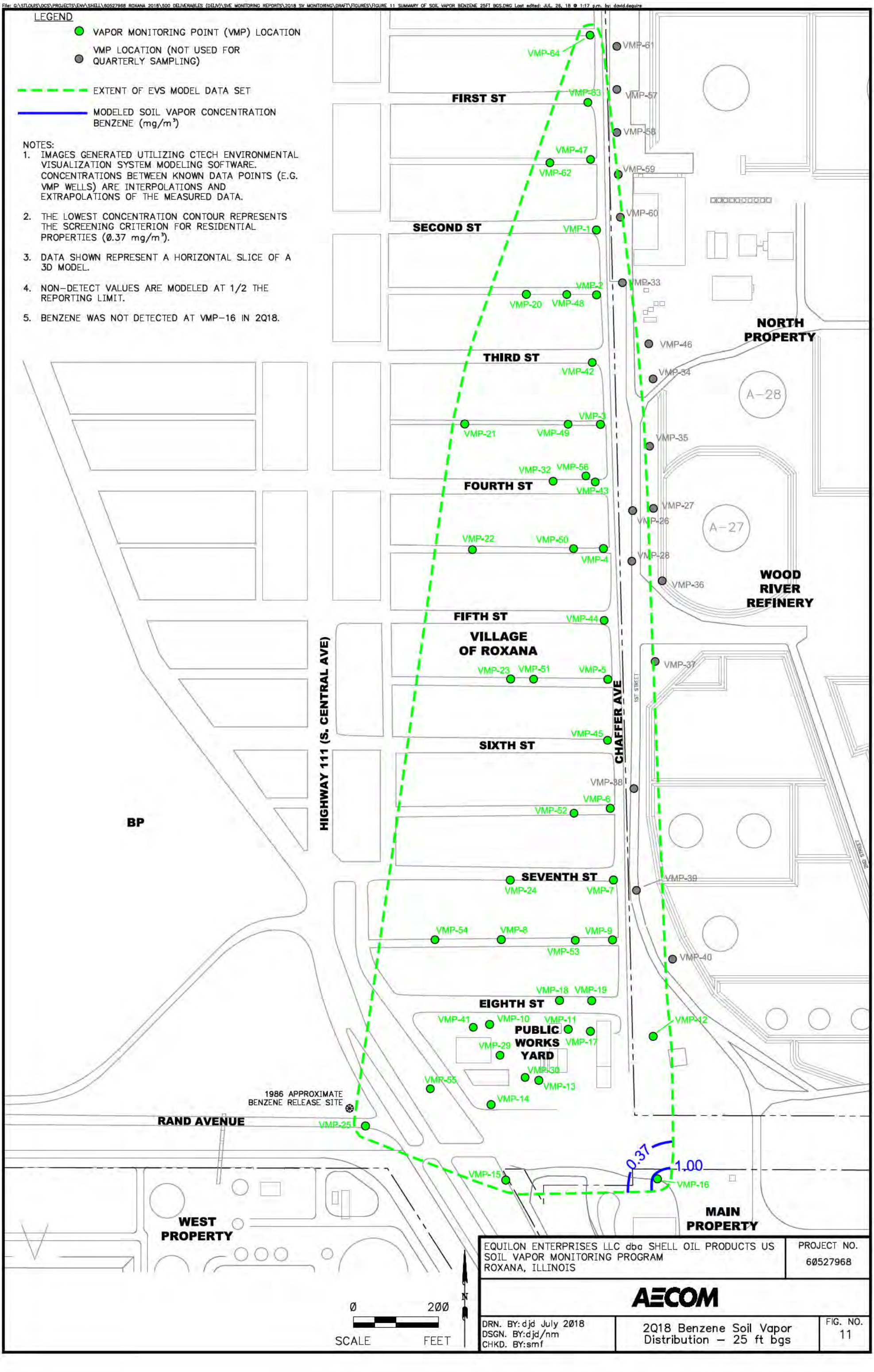
File: G:\STLOUIS\DCS\PROJECTS\ENV\SHELL\60527968 ROXANA 2018\500 DELIVERABLES (DELIV)\SVE MONITORING REPORTS\2018 SV MONITORING\DRAFT\FIGURES\FIGURE 11 SUMMARY OF SOIL VAPOR BENZENE 25FT BGS.DWG Last edited: JUL. 26, 18 @ 1:17 p.m. by: david.deguire

LEGEND

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

NOTES:

1. IMAGES GENERATED UTILIZING CTECH ENVIRONMENTAL VISUALIZATION SYSTEM MODELING SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF THE MEASURED DATA.
2. THE LOWEST CONCENTRATION CONTOUR REPRESENTS THE SCREENING CRITERION FOR RESIDENTIAL PROPERTIES (Ø.37 mg/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 2Q18.



EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 60527968
AECOM	
DRN. BY: djd July 2018 DSGN. BY: djd/nm CHKD. BY: smf	2Q18 Benzene Soil Vapor Distribution – 25 ft bgs FIG. NO. 11

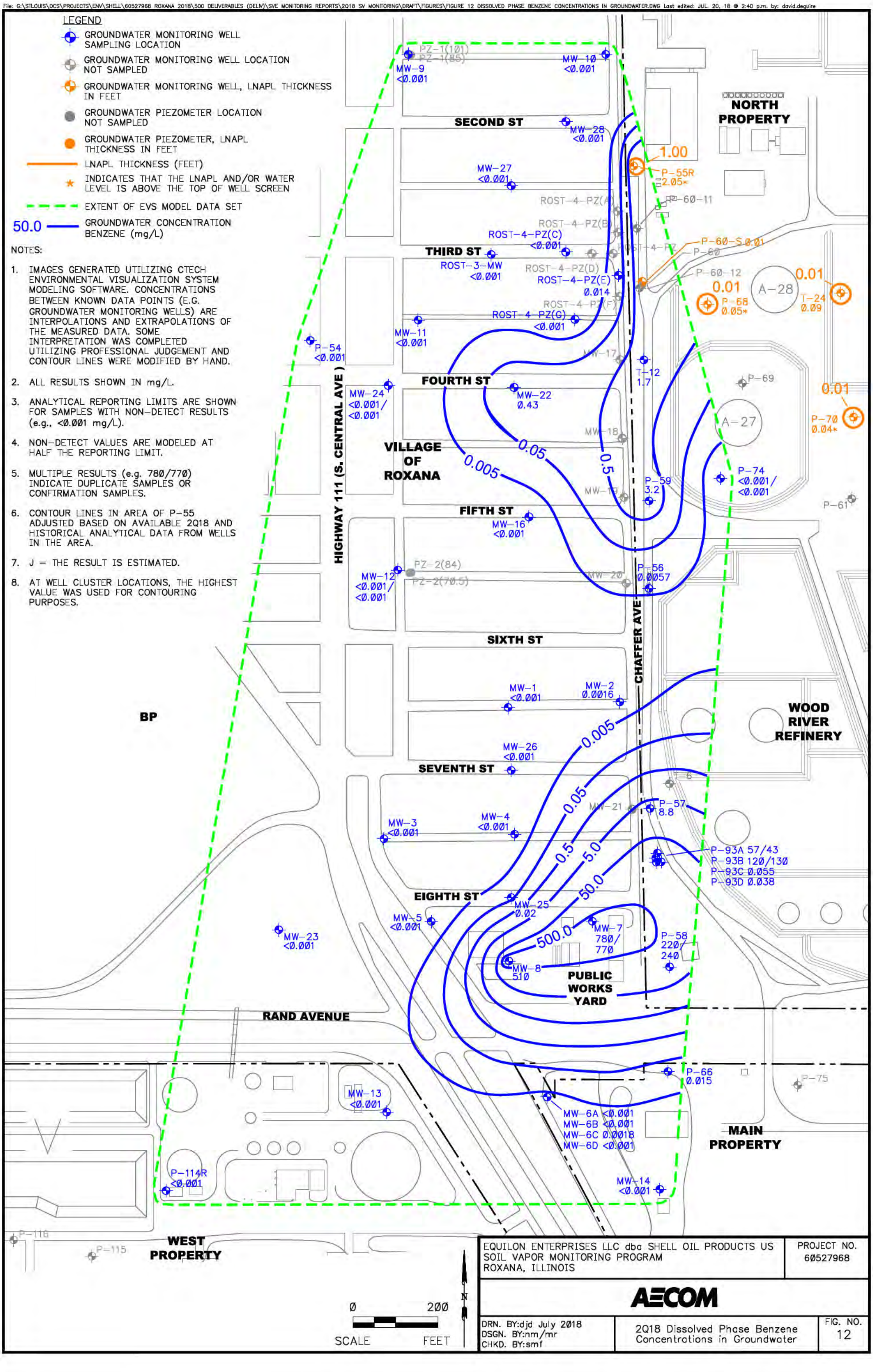
File: G:\STLOUIS\DCS\PROJECTS\ENV\SHELL\60527968 ROXANA 2018\500 DELIVERABLES (DELV)\SVE MONITORING REPORTS\2Q18 SV MONITORING\DRAFT\FIGURES\FIGURE 12 DISSOLVED PHASE BENZENE CONCENTRATIONS IN GROUNDWATER.DWG Last edited: JUL. 20, 18 @ 2:40 p.m. by: david.deguire

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 EVS MODEL DATA SET
- 50.0 GROUNDWATER CONCENTRATION BENZENE (mg/L)

NOTES:

1. IMAGES GENERATED UTILIZING CTECH ENVIRONMENTAL VISUALIZATION SYSTEM MODELING SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. GROUNDWATER MONITORING WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF THE MEASURED DATA. SOME INTERPRETATION WAS COMPLETED UTILIZING PROFESSIONAL JUDGEMENT AND CONTOUR LINES WERE MODIFIED BY HAND.
2. ALL RESULTS SHOWN IN mg/L.
3. ANALYTICAL REPORTING LIMITS ARE SHOWN FOR SAMPLES WITH NON-DETECT RESULTS (e.g., <Ø.ØØ1 mg/L).
4. NON-DETECT VALUES ARE MODELED AT HALF THE REPORTING LIMIT.
5. MULTIPLE RESULTS (e.g. 78Ø/77Ø) INDICATE DUPLICATE SAMPLES OR CONFIRMATION SAMPLES.
6. CONTOUR LINES IN AREA OF P-55 ADJUSTED BASED ON AVAILABLE 2Q18 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.



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ROXANA, ILLINOIS

PROJECT NO. 6Ø527968

AECOM

DRN. BY:djd July 2Ø18
DSGN. BY:nm/mr
CHKD. BY:smf

2Q18 Dissolved Phase Benzene Concentrations in Groundwater

FIG. NO. 12

File: G:\STLOUIS\DCS\PROJECTS\ENV\SHELL\60527968 ROXANA 2018\500 DELIVERABLES (DELIV)\SVE MONITORING REPORTS\2Q18 SV MONITORING\DRAFT\FIGURES\FIGURE 13 THICKNESS OF LNAPL (2Q18).DWG Last edited: JUL. 20, 18 @ 2:52 p.m. by: david.deguire

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 2–4, 2018.

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

P-84A P-84B P-84C P-84D
T-13 T-1 T-2
PZ-1(101) PZ-1(85) 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(E) ROST-4-PZ(F) ROST-4-PZ(G) MW-11 P-54 MW-17 MW-24 MW-22 MW-18 MW-19 MW-16 MW-12 PZ-2(84) PZ-2(70.5) MW-20 MW-2 MW-1 MW-26 MW-21 MW-3 MW-4 MW-25 MW-23 MW-5 MW-8 MW-7 MW-13 P-117 P-114R P-116 P-115 P-119
1.00 P-55R 2.05*
P-60-11 P-60-S 0.01 P-60-12 ROST-4-PZ P-60
0.01 P-68 0.05*
P-60-13 T-12 P-69 W-85 P-74 P-59 P-56 P-57 T-6 P-73 P-93A P-93B P-93C P-93D P-58 P-66 MW-6 P-75 MW-14 T-7 P-67
R-77 W-77 0.01 T-24 0.09 A-33
0.10 P-62 0.98*
P-70 0.04* 0.01
P-61 R-78 W-78
P-71 0.01 S-1 0.06
R-79 W-79
R-80 W-80
P-72
R-89 W-89
R-81 W-81

0 300 SCALE FEET N

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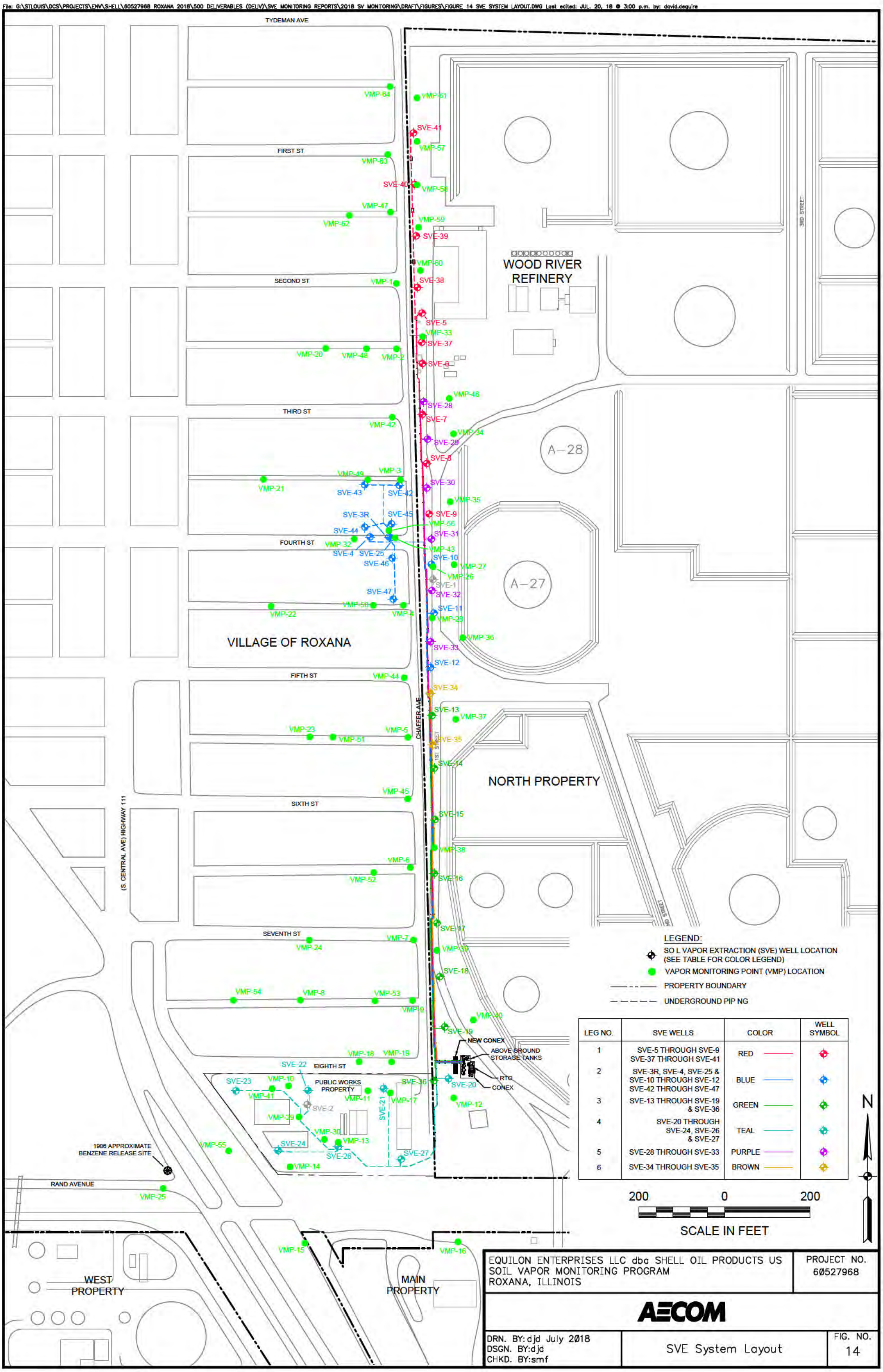
AECOM		
DRN. BY:djd July 2018 DSGN. BY:mr CHKD. BY:smf	2Q18 Thickness of LNAPL – West Fenceline	FIG. NO. 13

File: G:\STLOUIS\DCS\PROJECTS\ENV\SHELL\60527968 ROXANA 2018\500 DELIVERABLES (DELIV)\SVE MONITORING REPORTS\2018 SV MONITORING\DRAFT\FIGURES\FIGURE 14 SVE SYSTEM LAYOUT.DWG Last edited: JUL. 20, 18 @ 3:00 p.m. by: david.deguire



LEGEND:

- SO L VAPOR EXTRACTION (SVE) WELL LOCATION (SEE TABLE FOR COLOR LEGEND)
- VAPOR MONITORING POINT (VMP) LOCATION
- PROPERTY BOUNDARY
- UNDERGROUND PIP NG

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

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ROXANA, ILLINOIS

PROJECT NO. 60527968

AECOM

DRN. BY: djd July 2018
DSGN. BY: djd
CHKD. BY: smf

SVE System Layout

FIG. NO. 14

Appendix A
Ameren Illinois Natural Gas Communications

Billman, Bob

From: Sidwell, Dan W <DSidwell2@ameren.com>
Sent: Thursday, June 21, 2018 2:13 PM
To: Billman, Bob
Cc: Rigg, Stephen E
Subject: 5/1/18 gas leak call in the Alley between 4th & 5th 100 ft off Chaffer in Roxanna IL, report # 181213761, leak #43803

Bob,

I have verified that the leak you reported on May 1st, 2018 has been repaired. The crew that made the repair found a cap on a service tee was leaking and replaced the cap to make the repair.

Thank you,

Dan Sidwell
Ameren Illinois
Supervisor of Gas Operations
Maryville IL 62062
618-407-3240
DSidwell2@ameren.com

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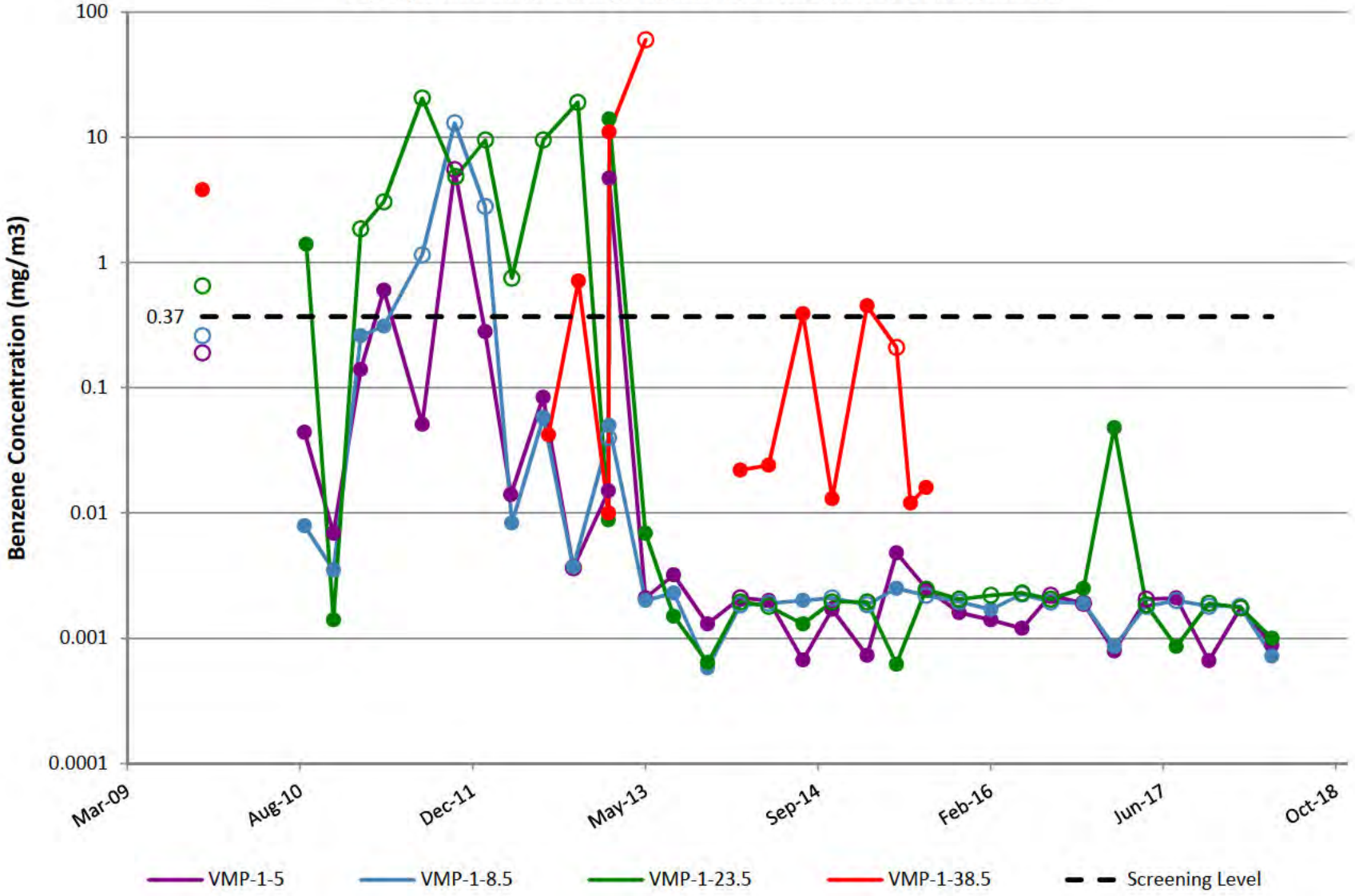
Appendix B
Benzene and Methane Charts

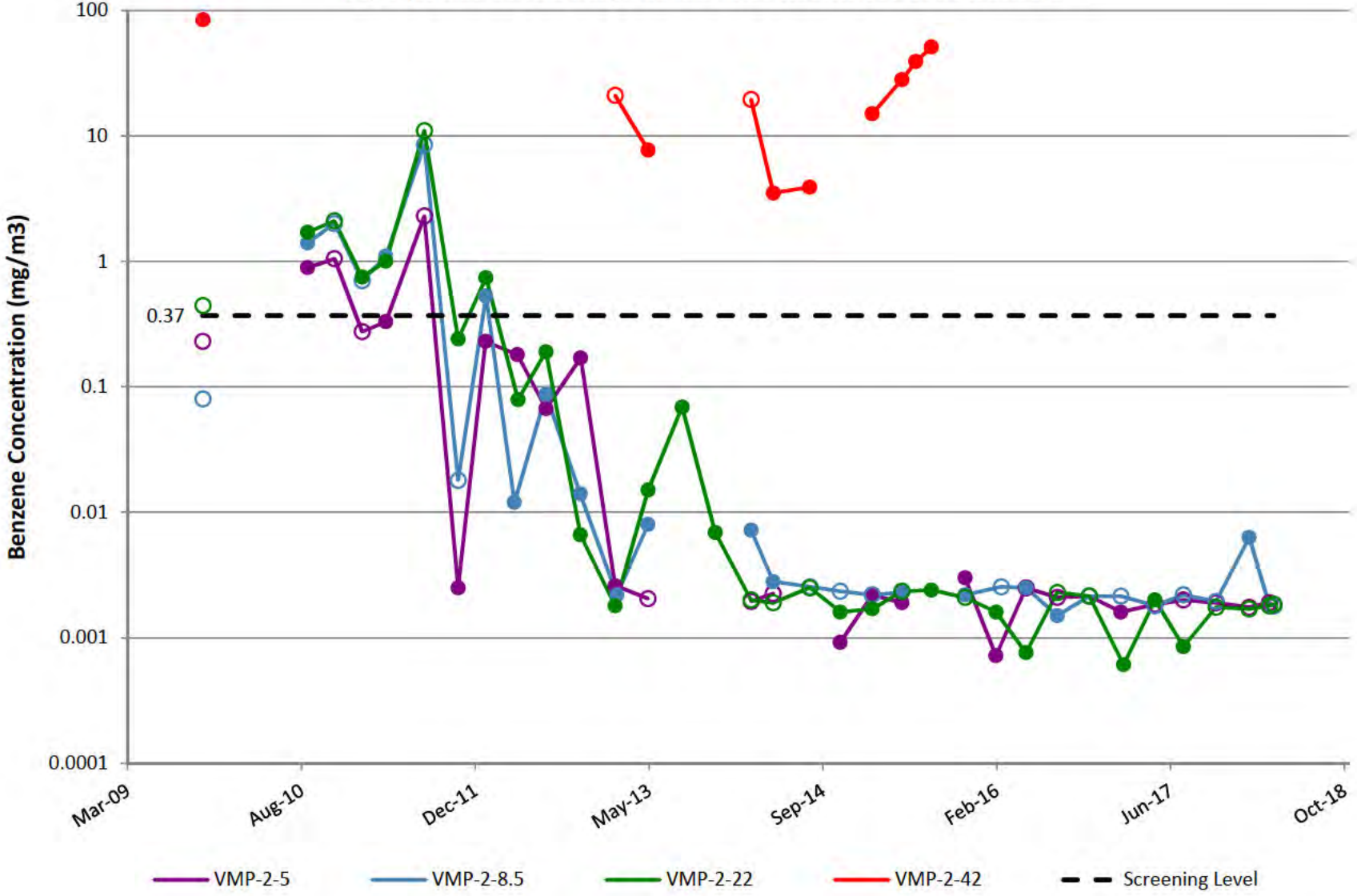
VMP-1

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.



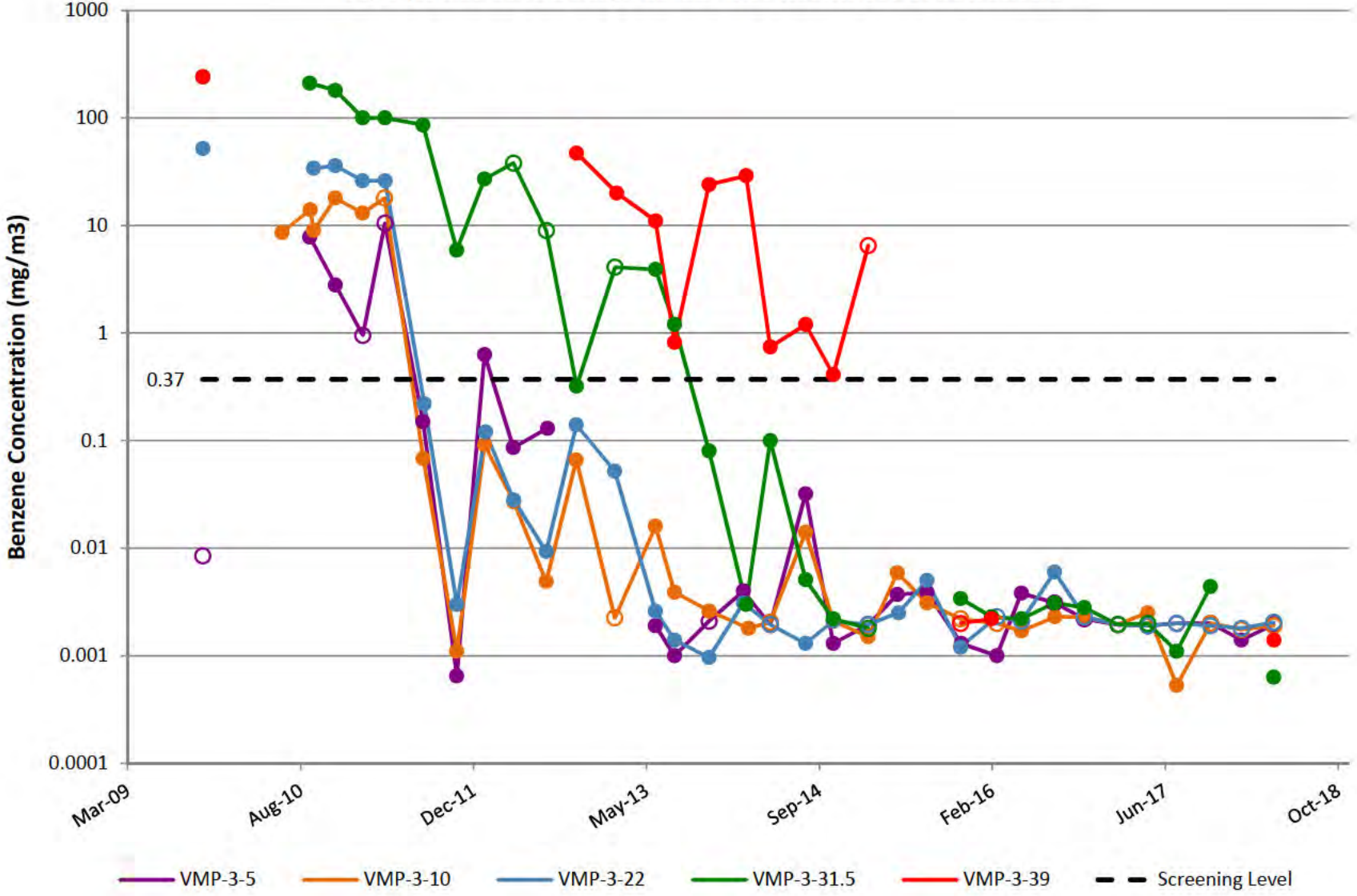
VMP-2

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.



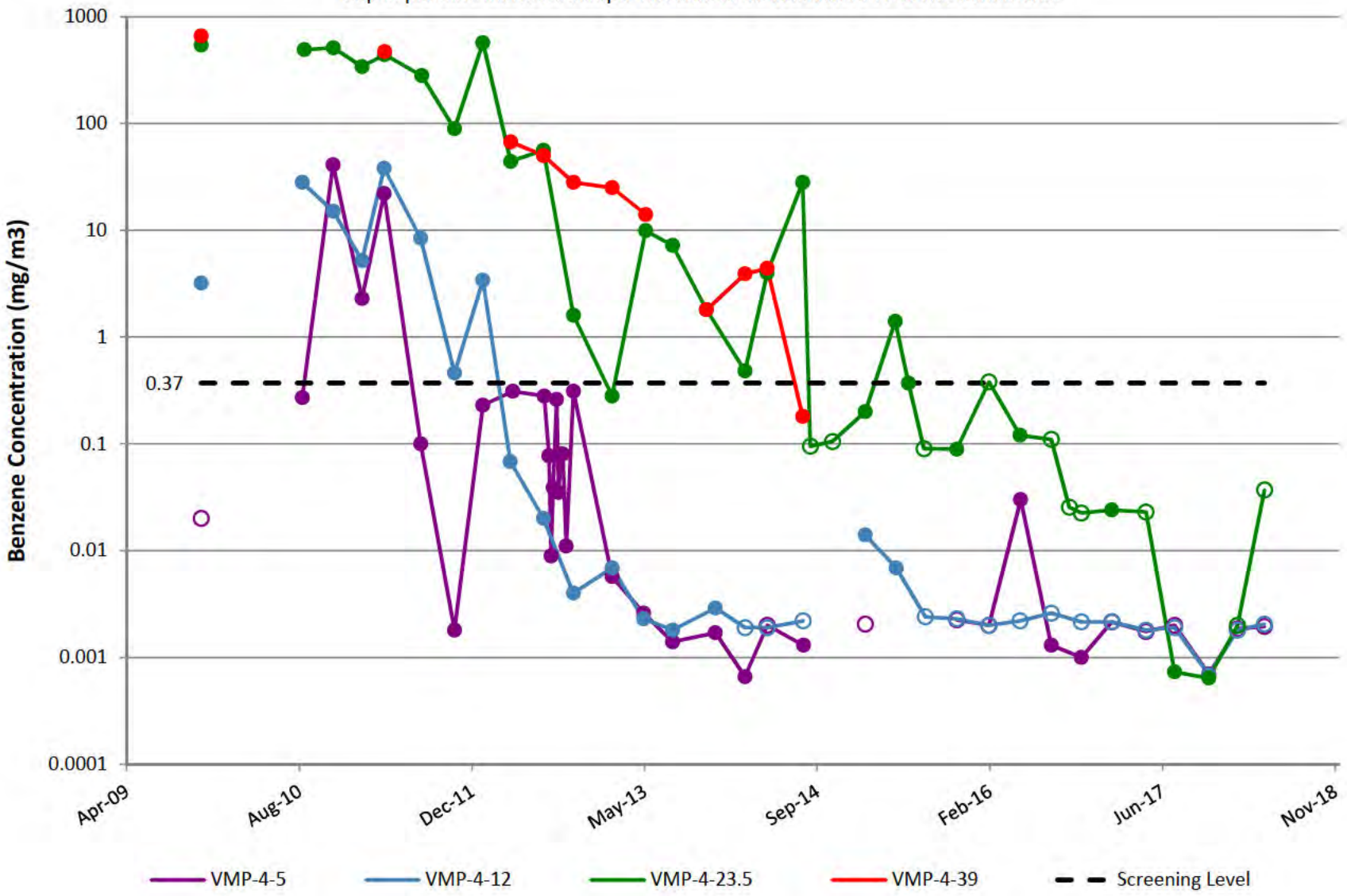
VMP-3

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.



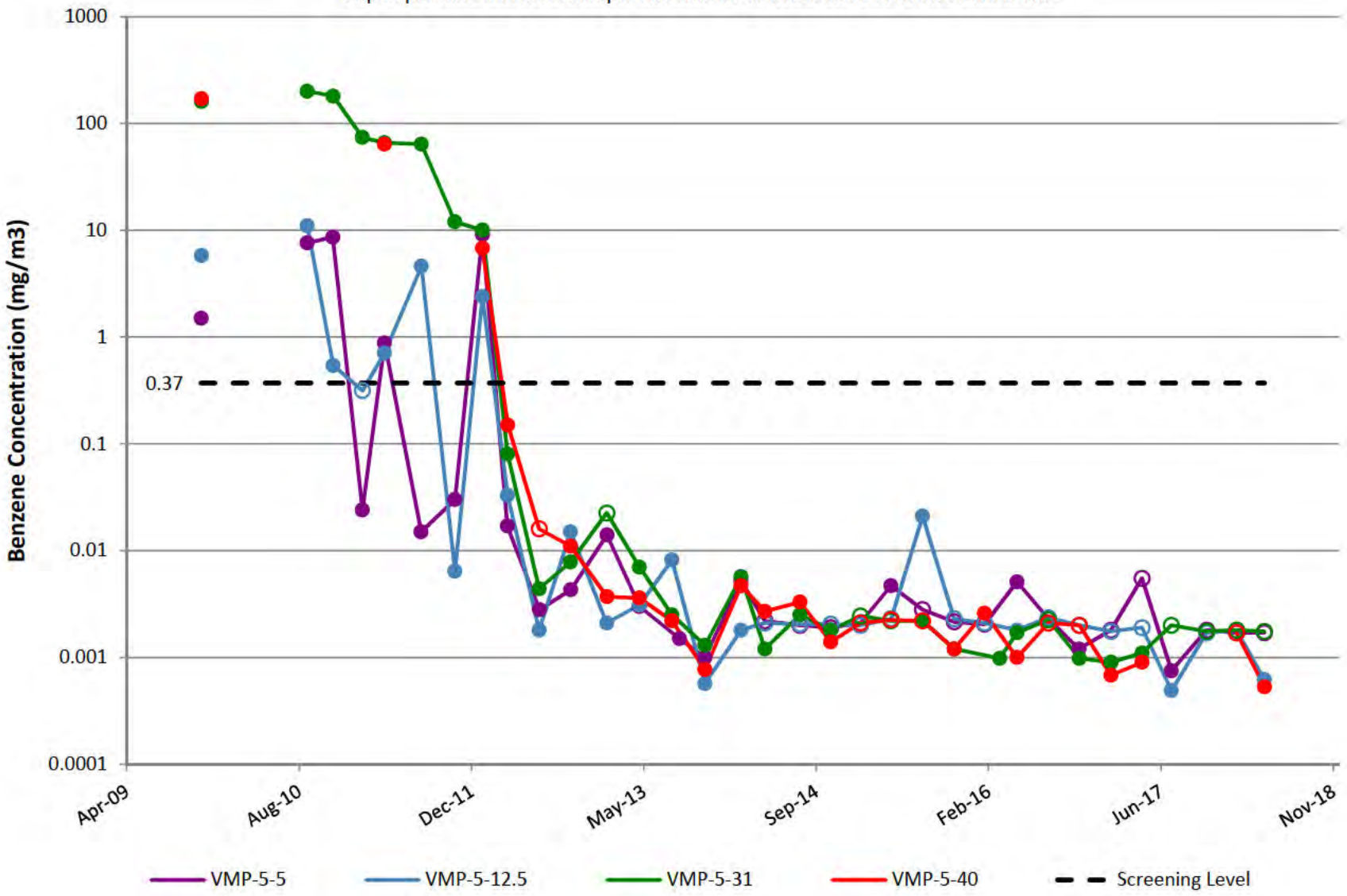
VMP-4

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.



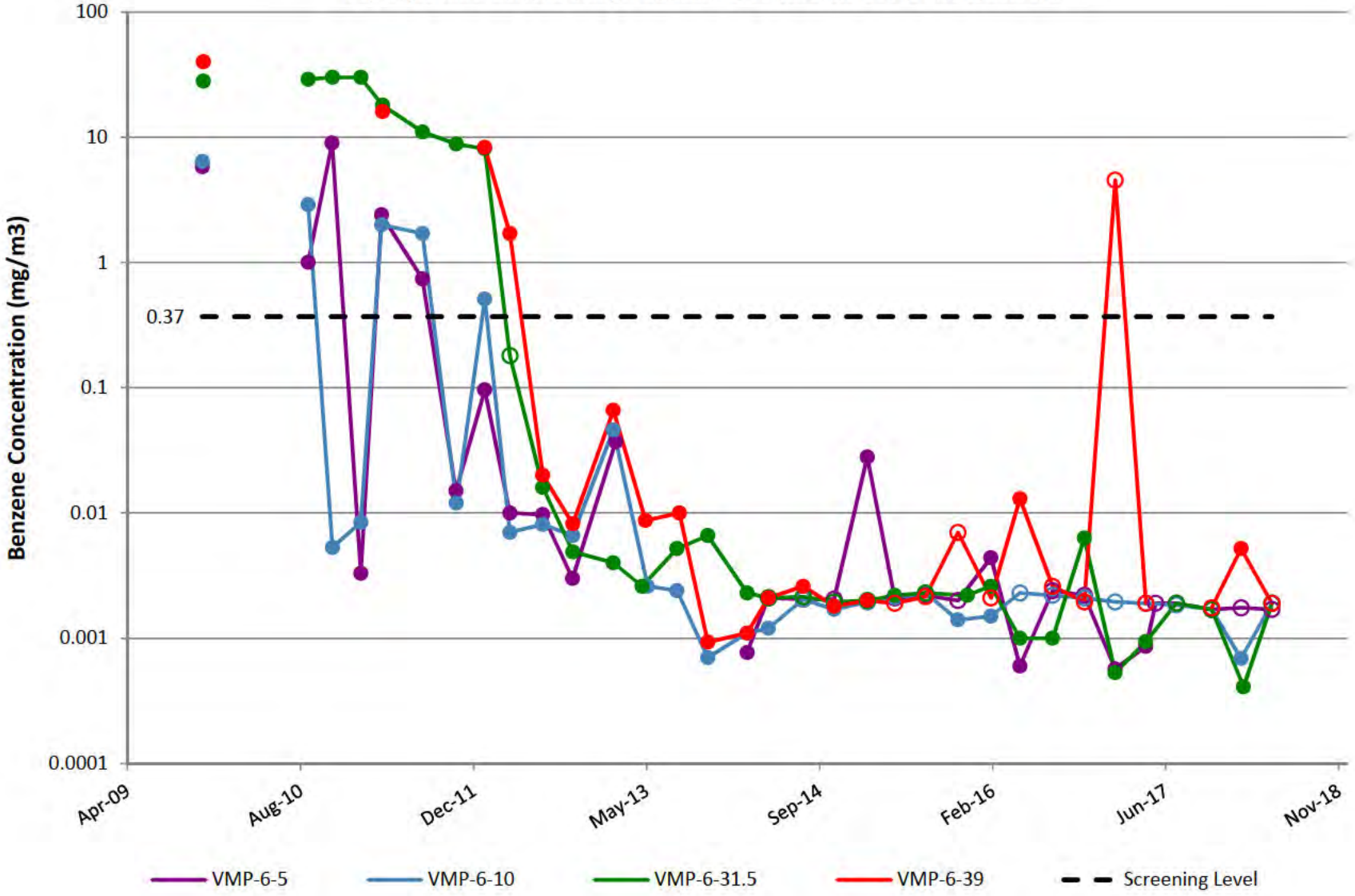
VMP-5

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.



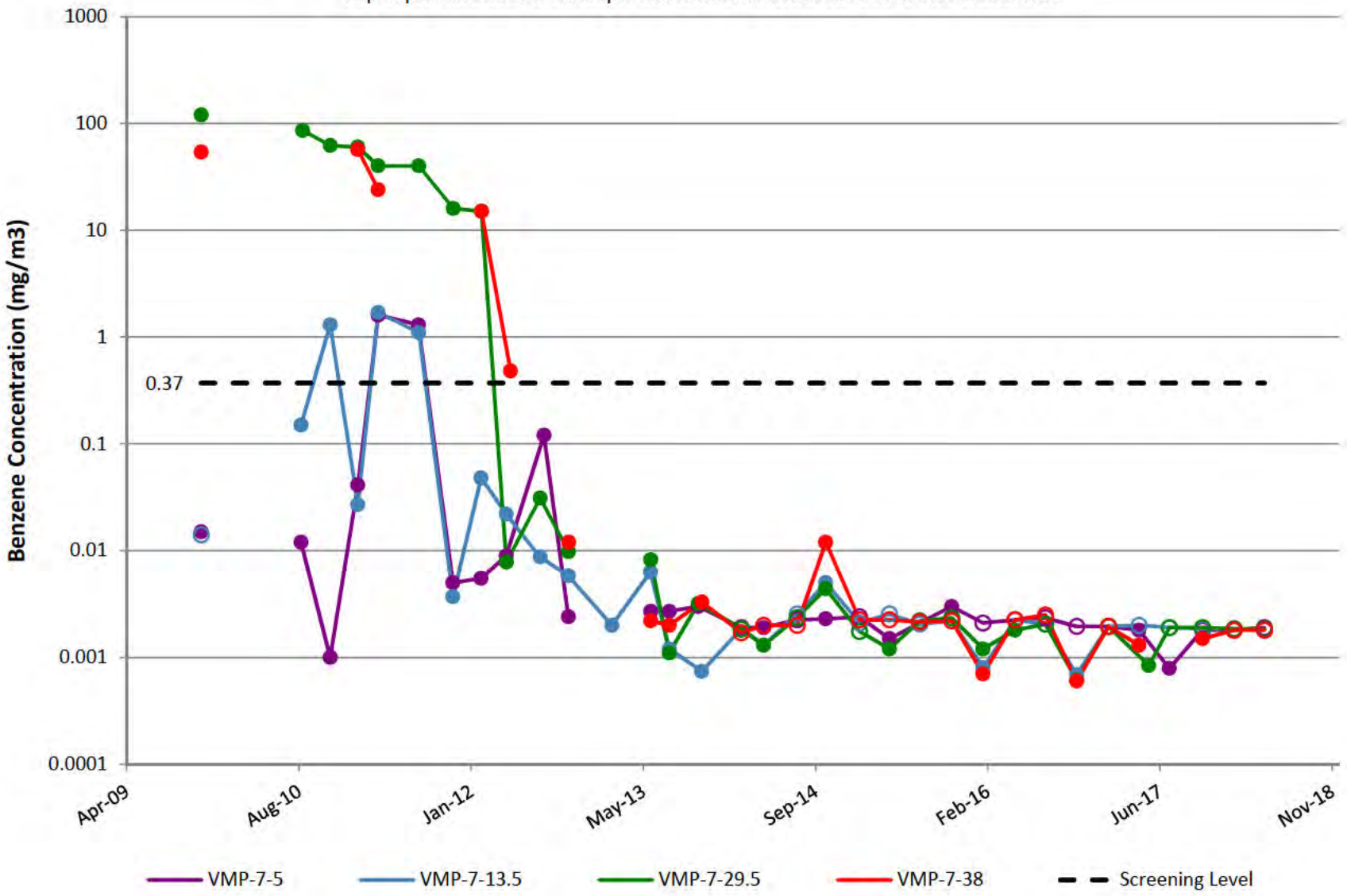
VMP-6

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.



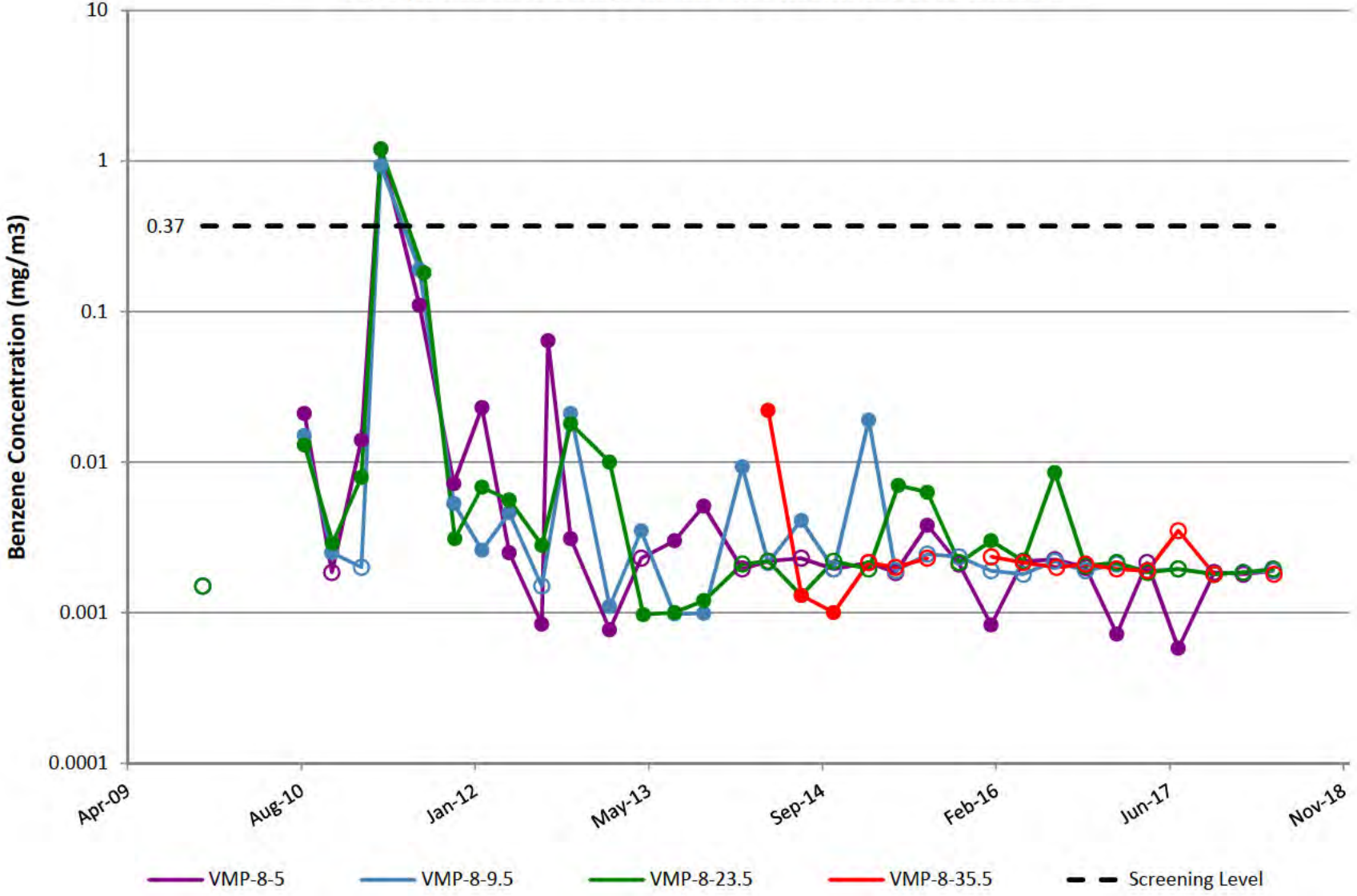
VMP-7

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.



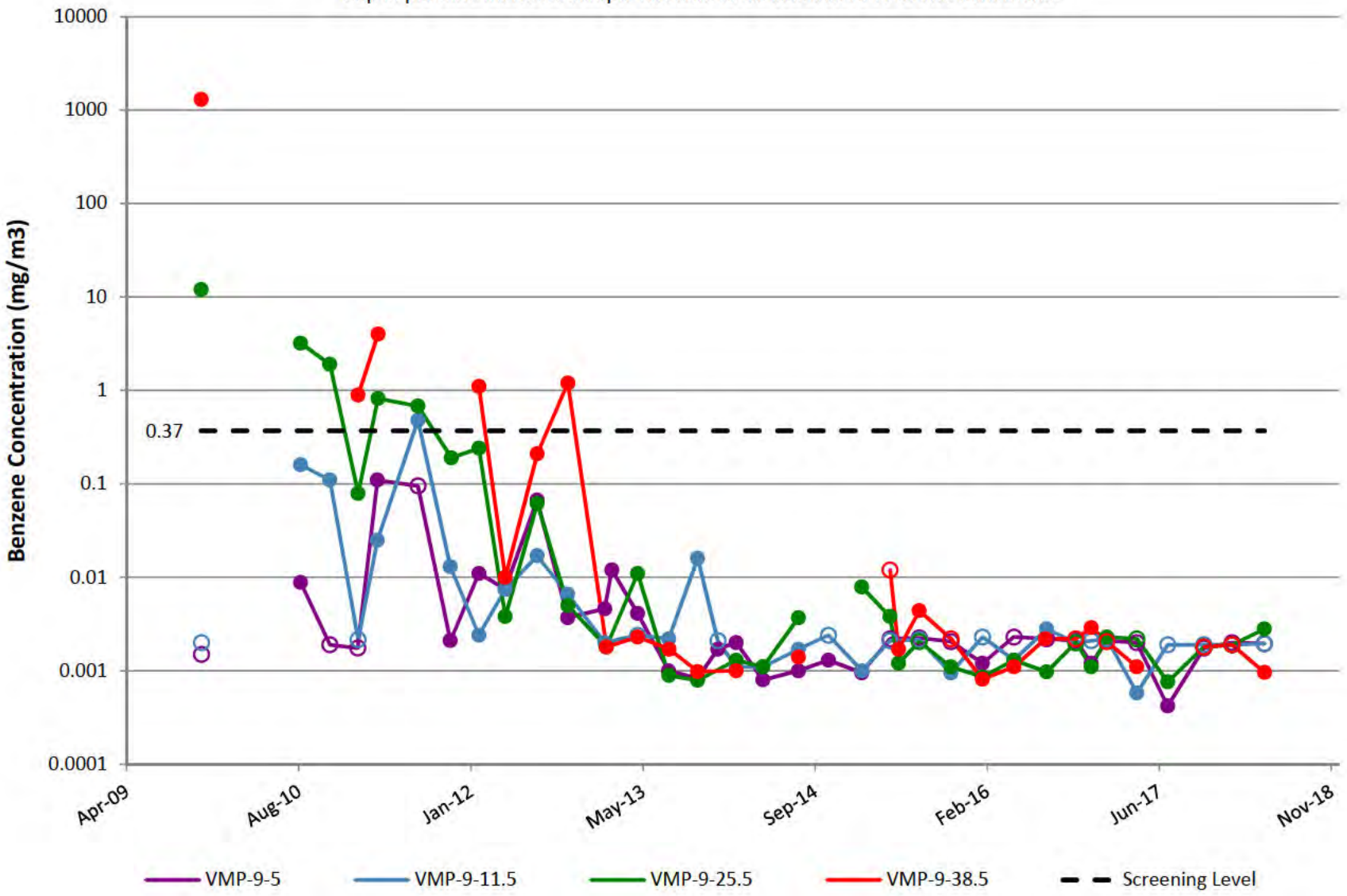
VMP-8

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.



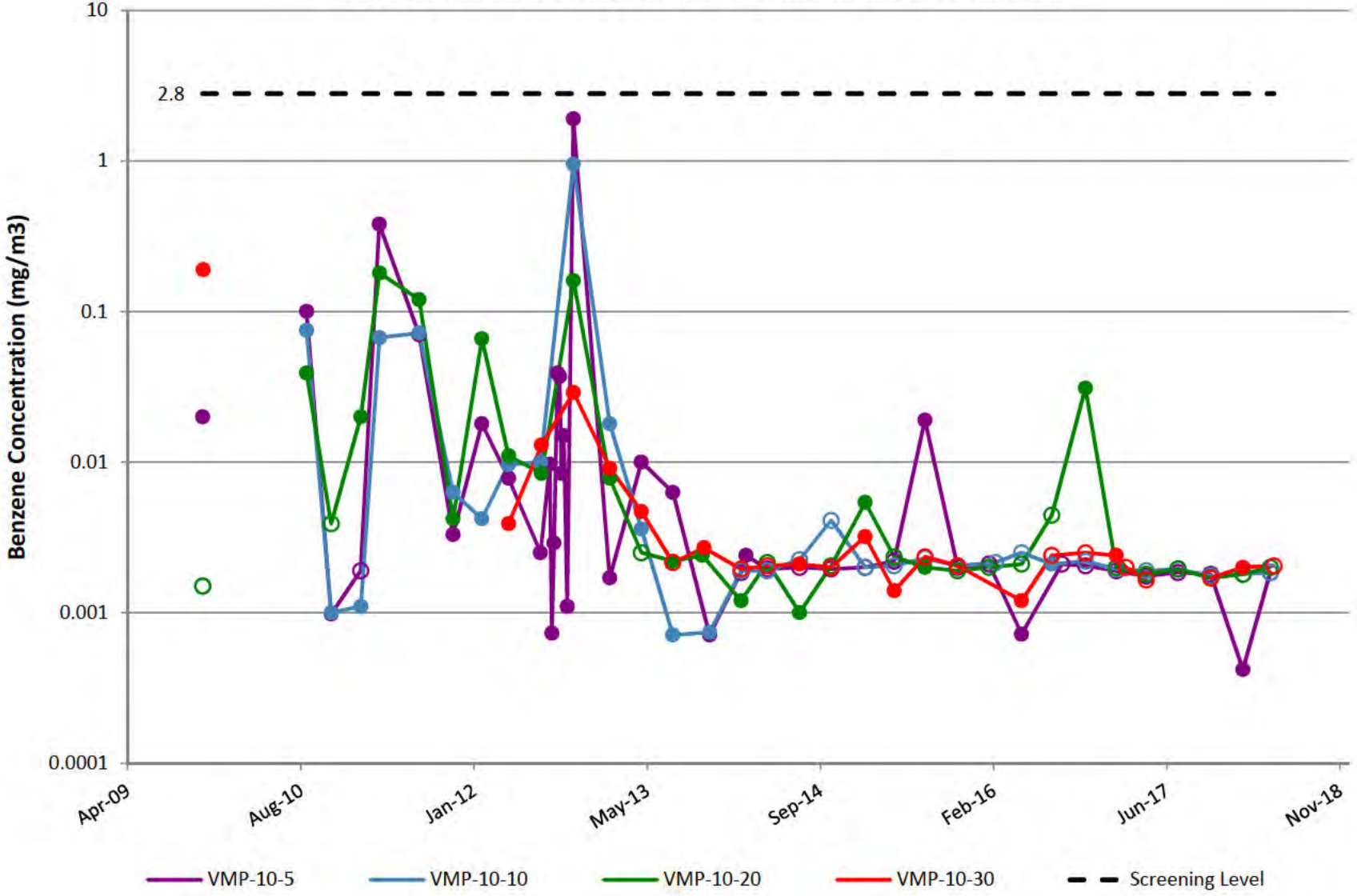
VMP-9

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.



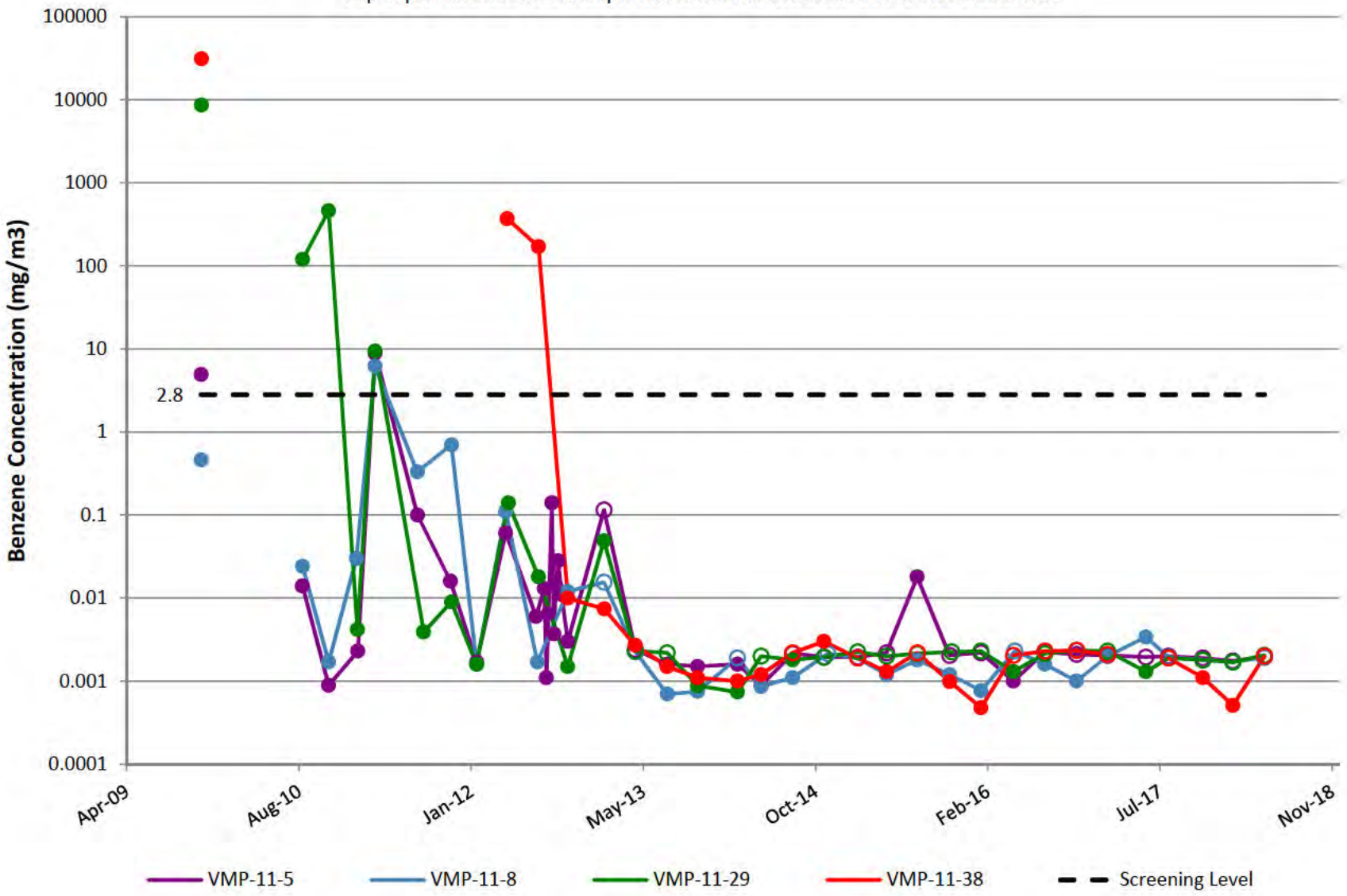
VMP-10

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.



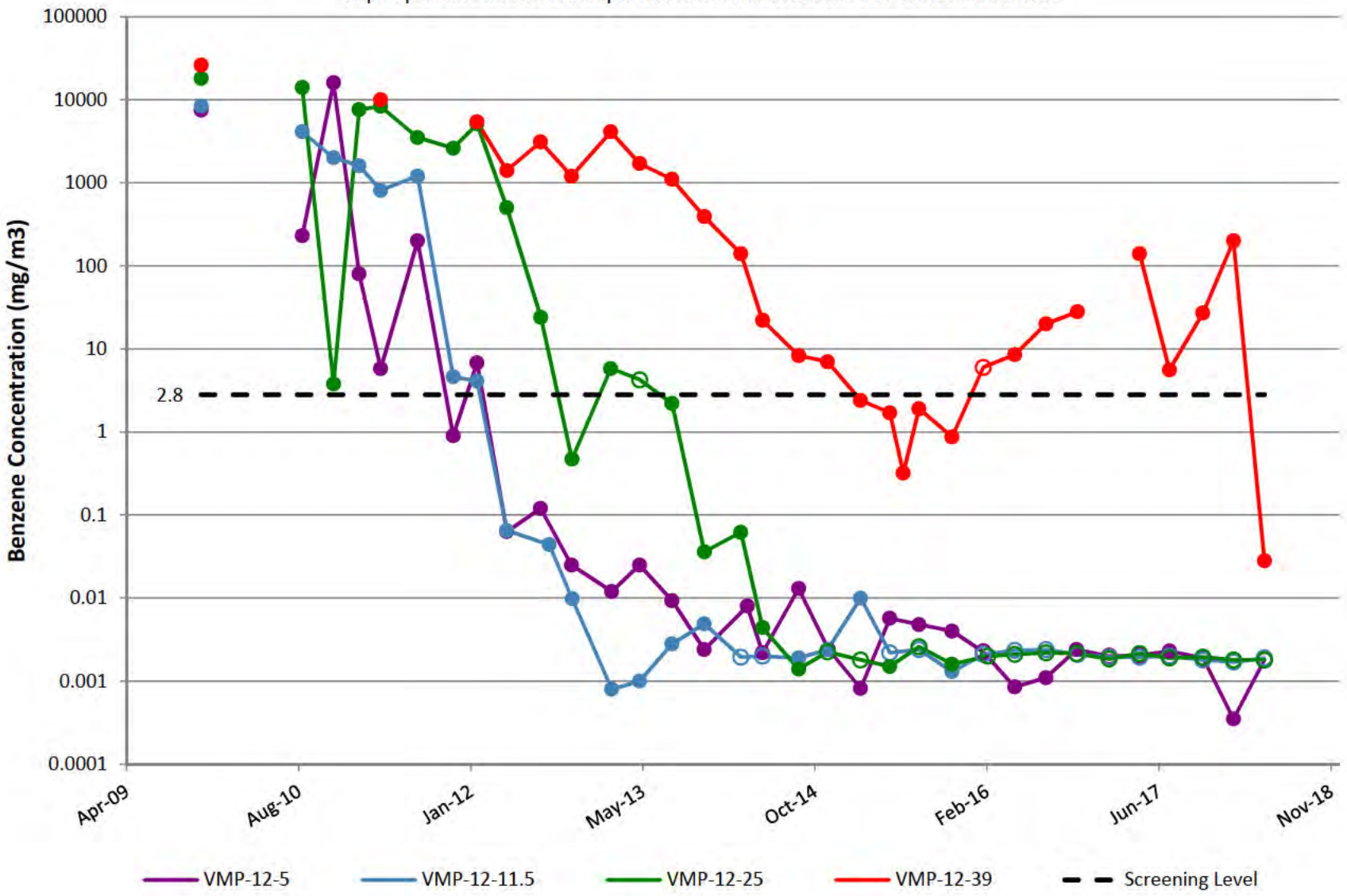
VMP-11

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.



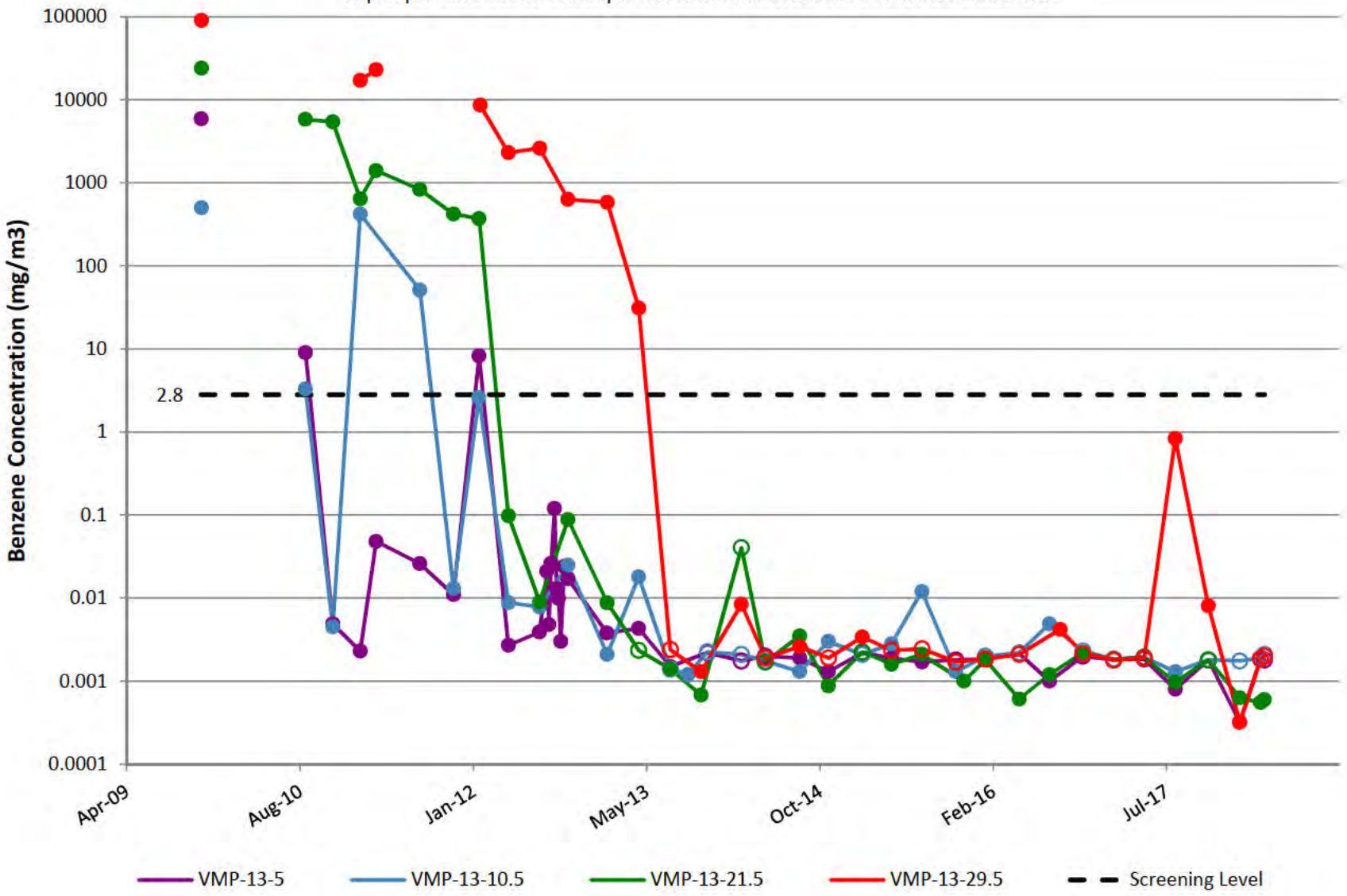
VMP-12

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.



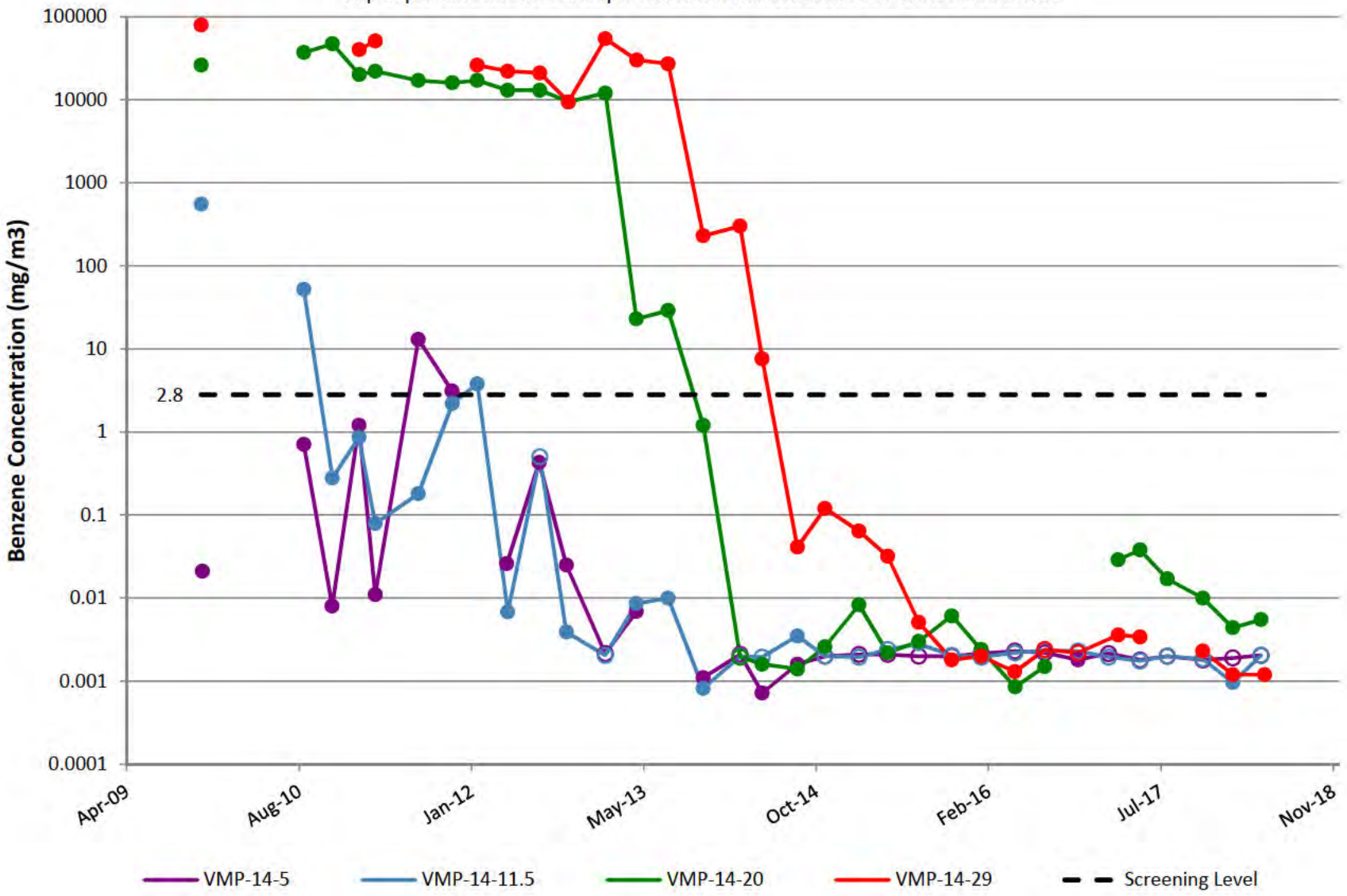
VMP-13

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.



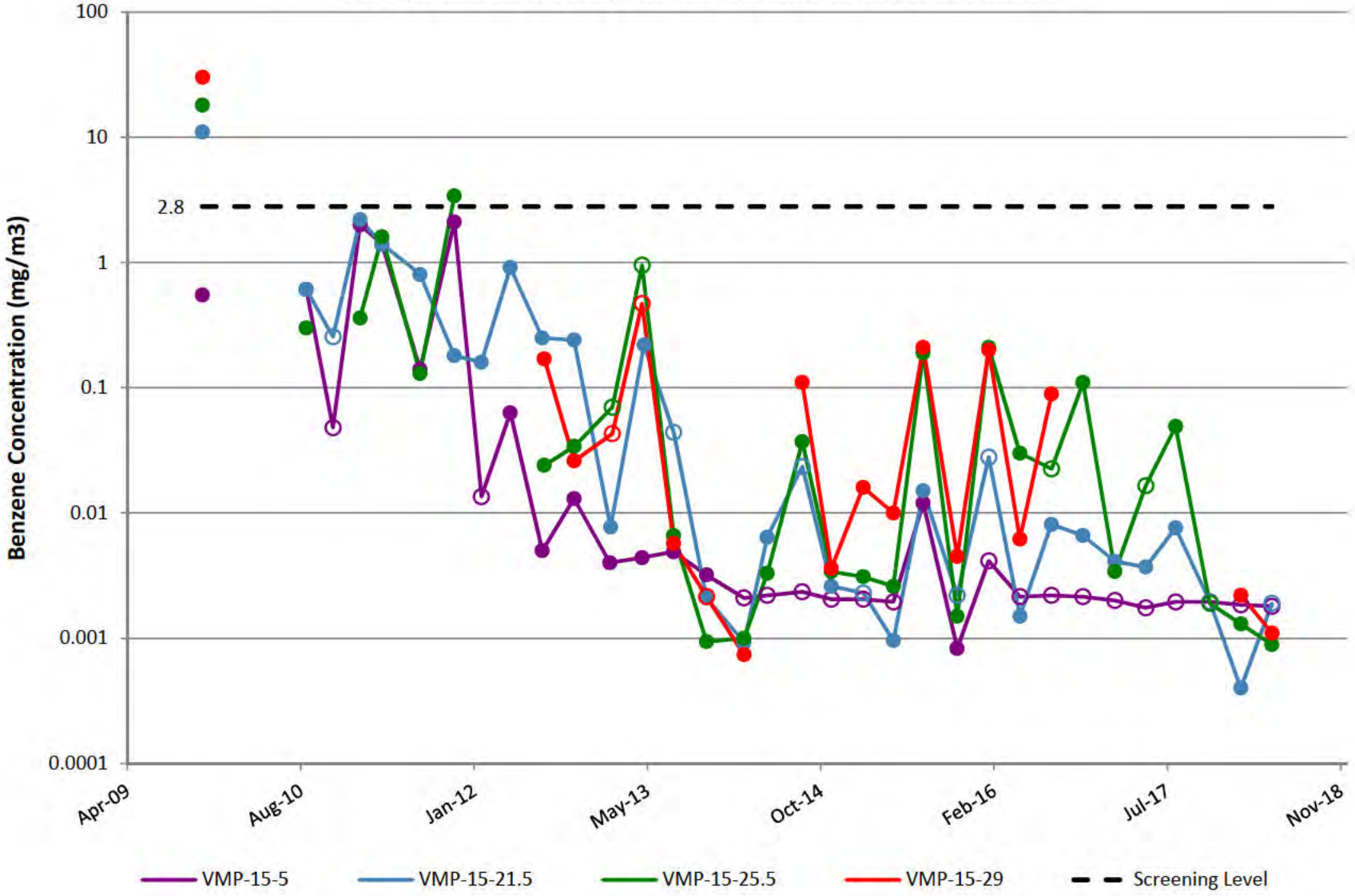
VMP-14

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.



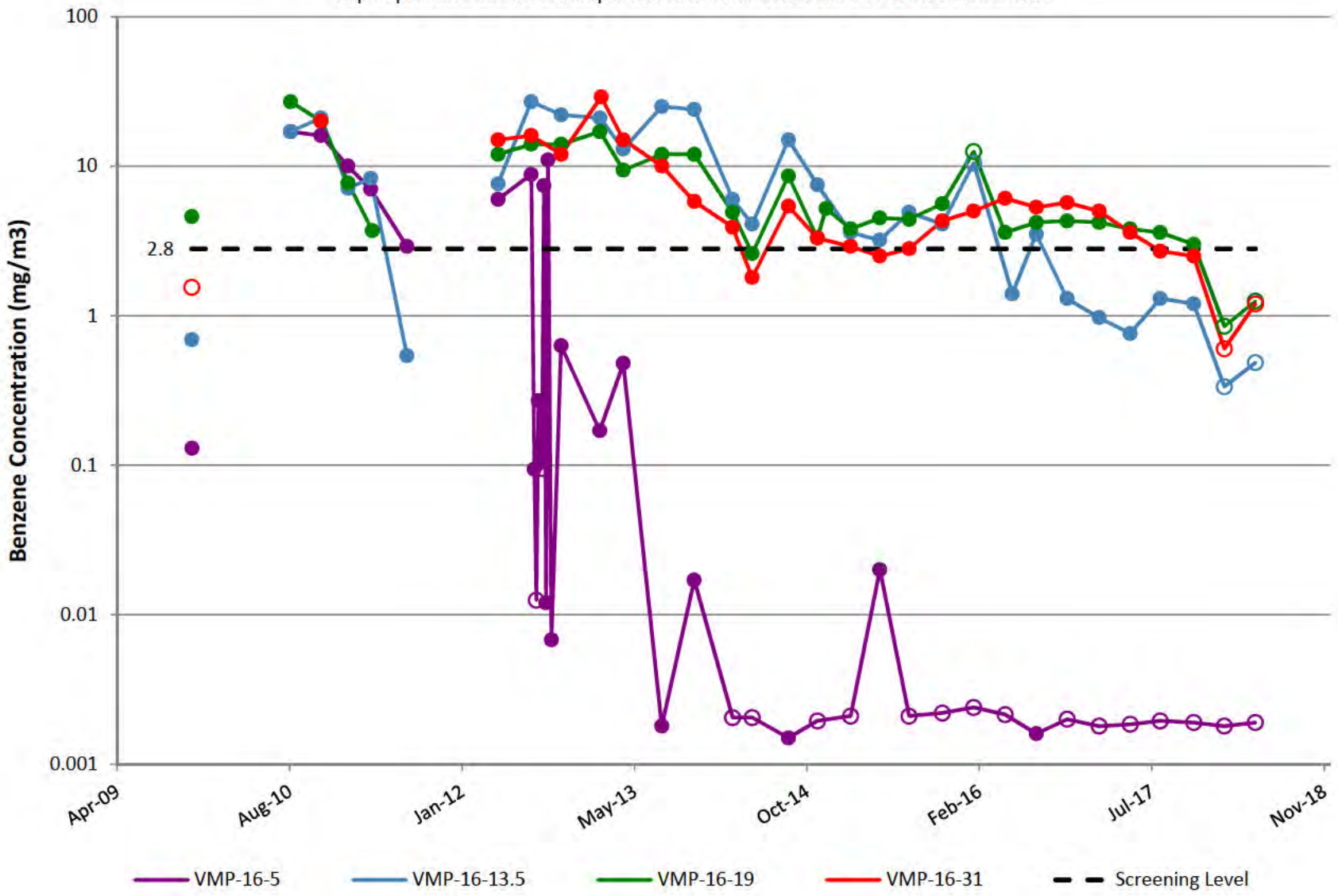
VMP-15

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.



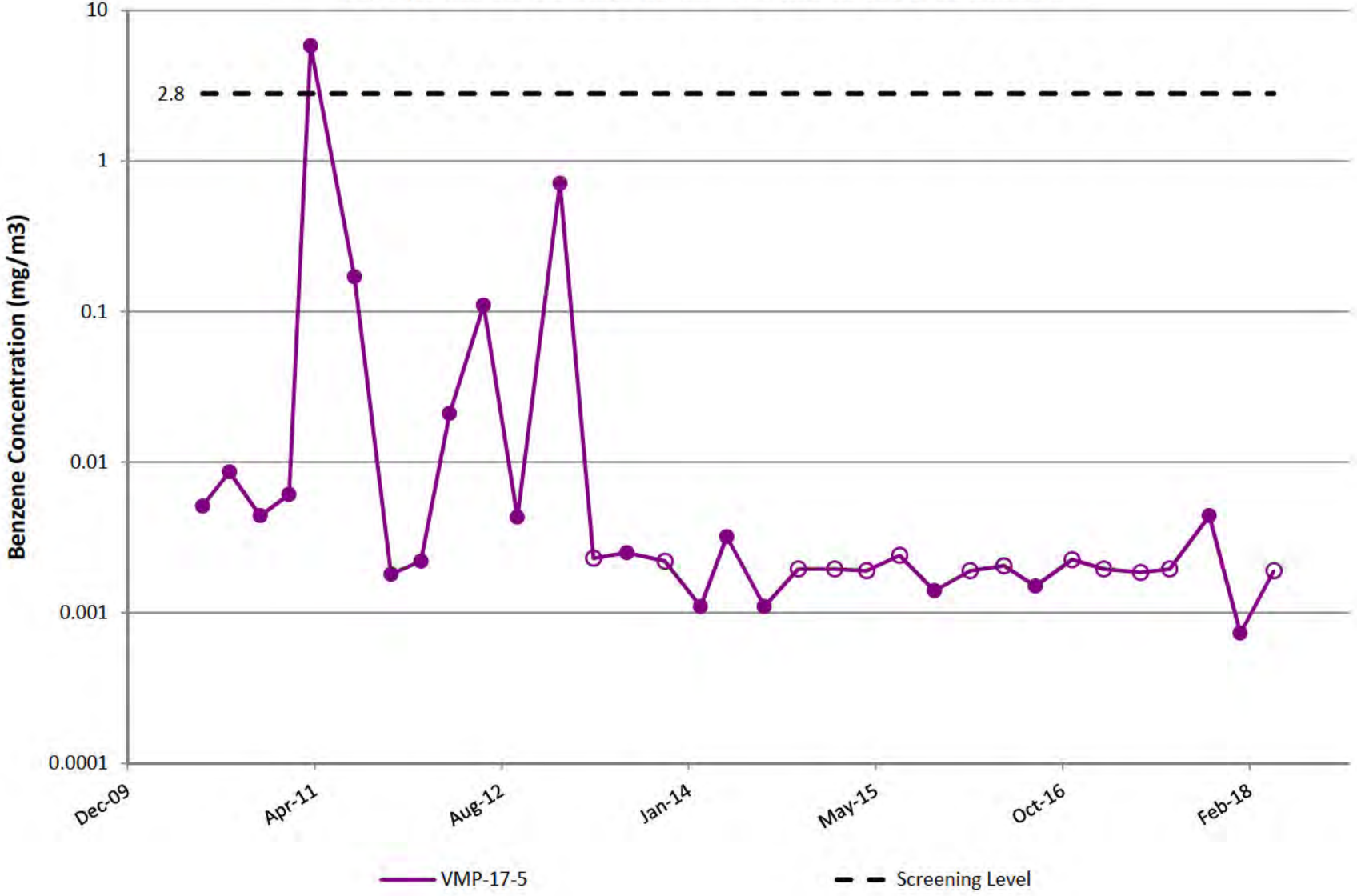
VMP-16

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.



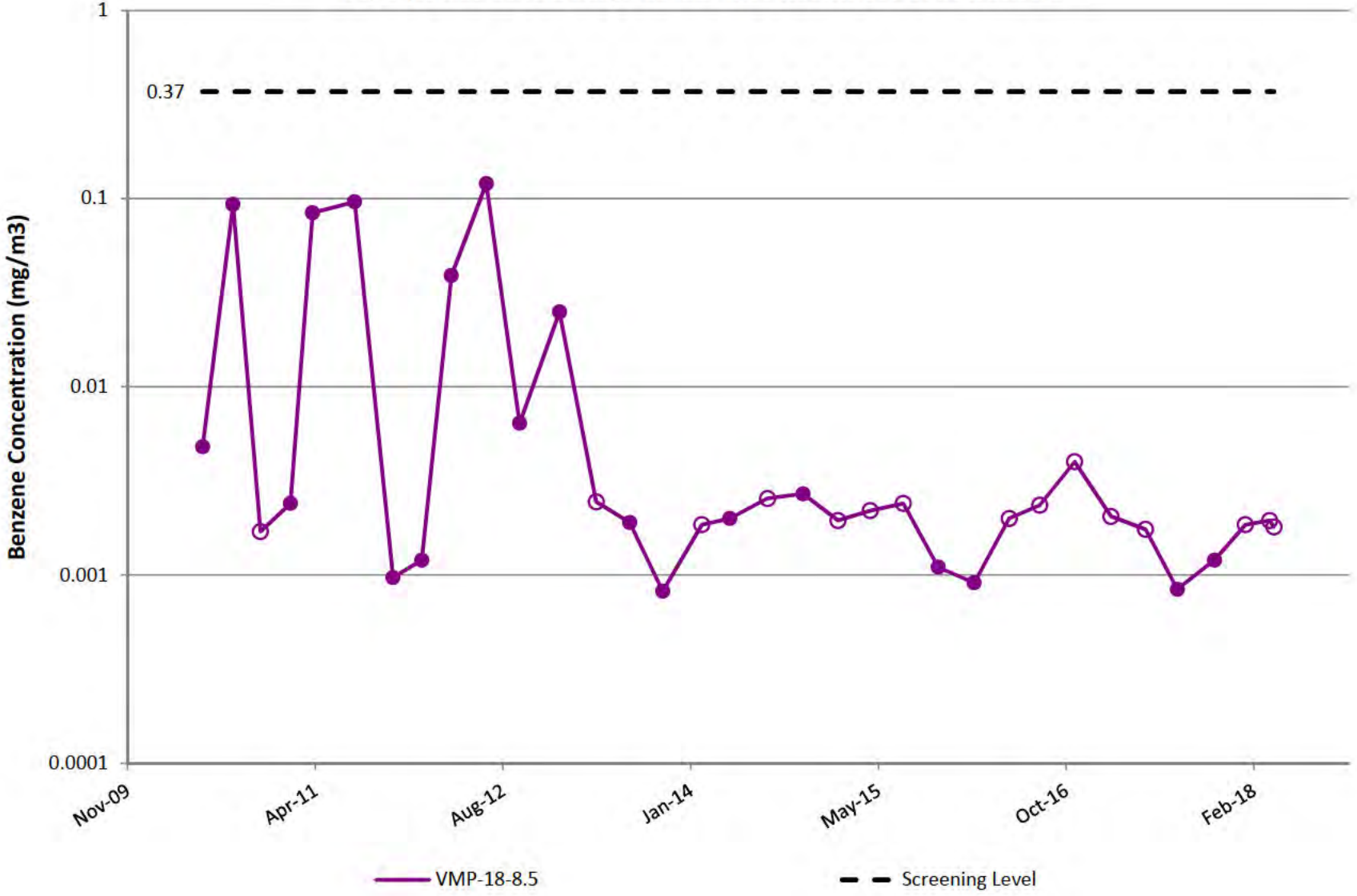
VMP-17

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.



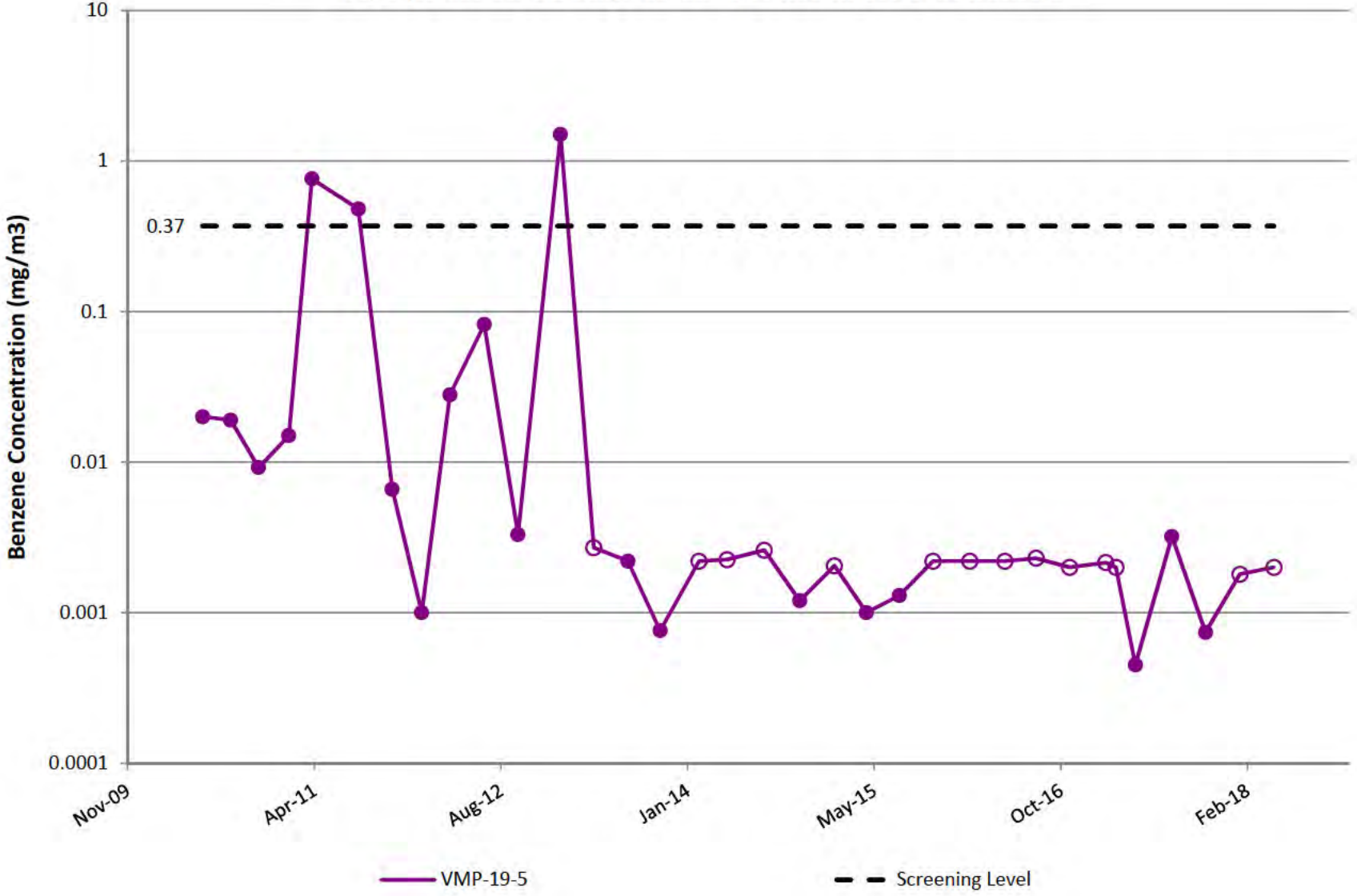
VMP-18

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.



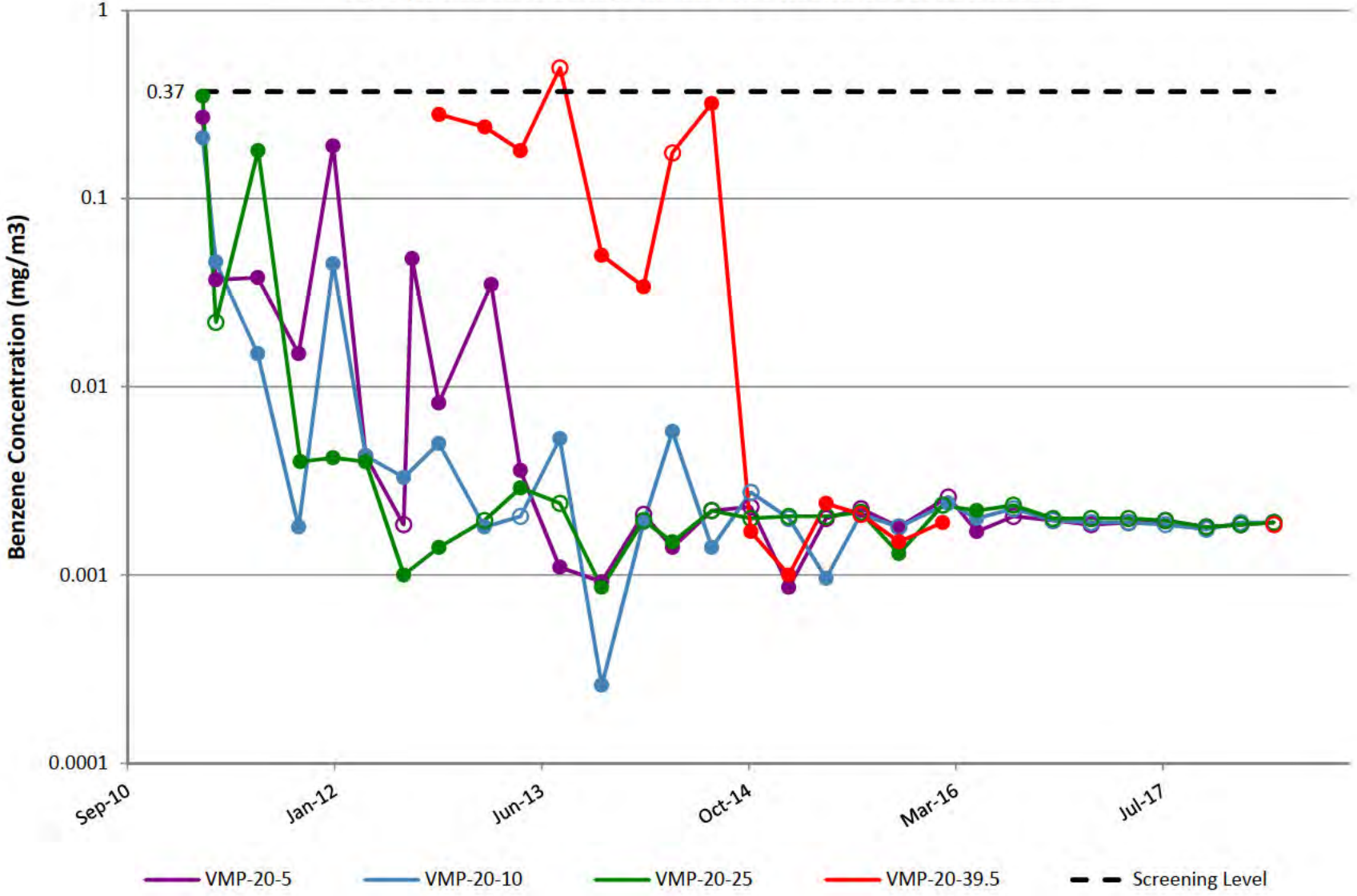
VMP-19

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.



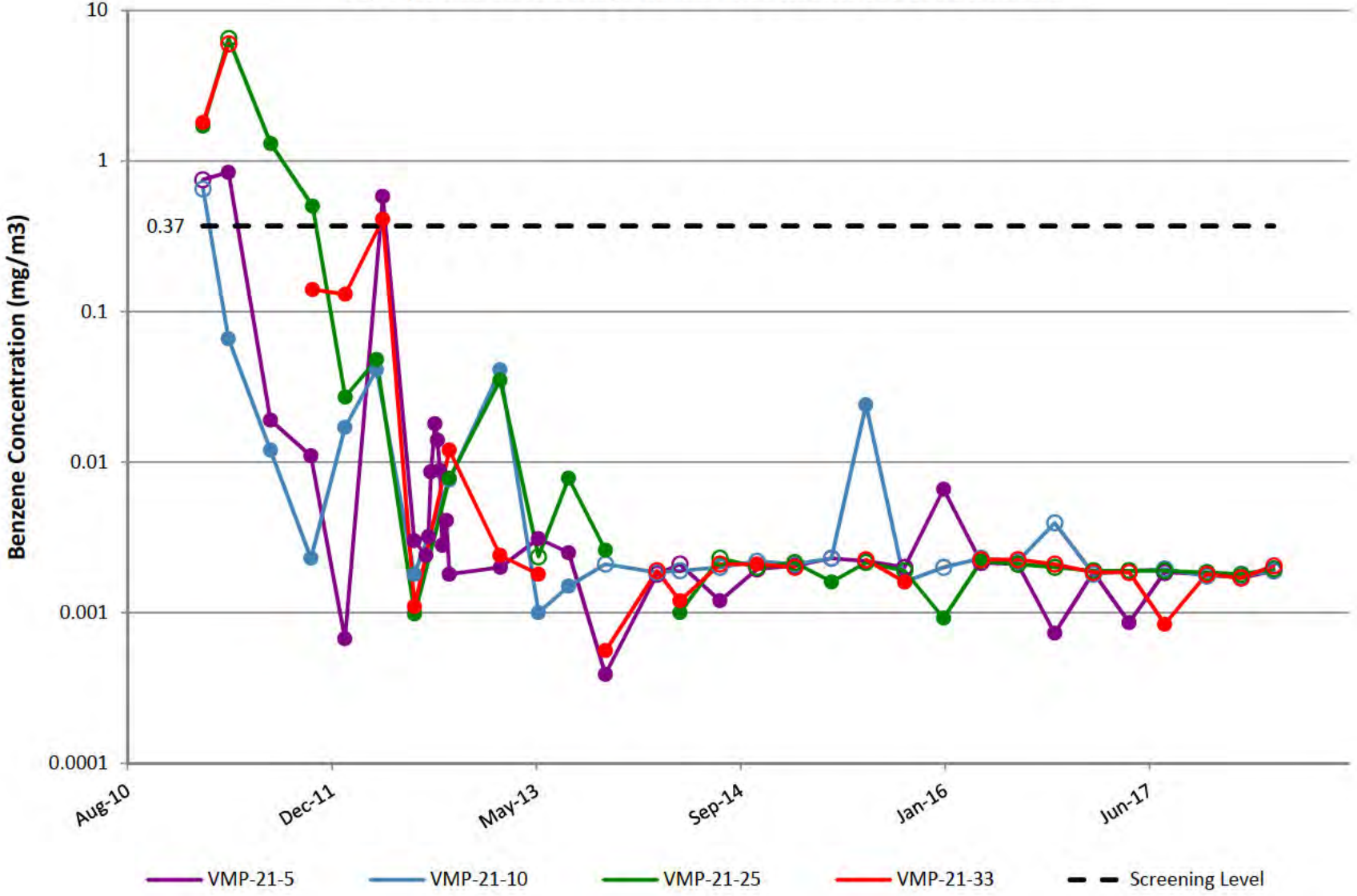
VMP-20

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.



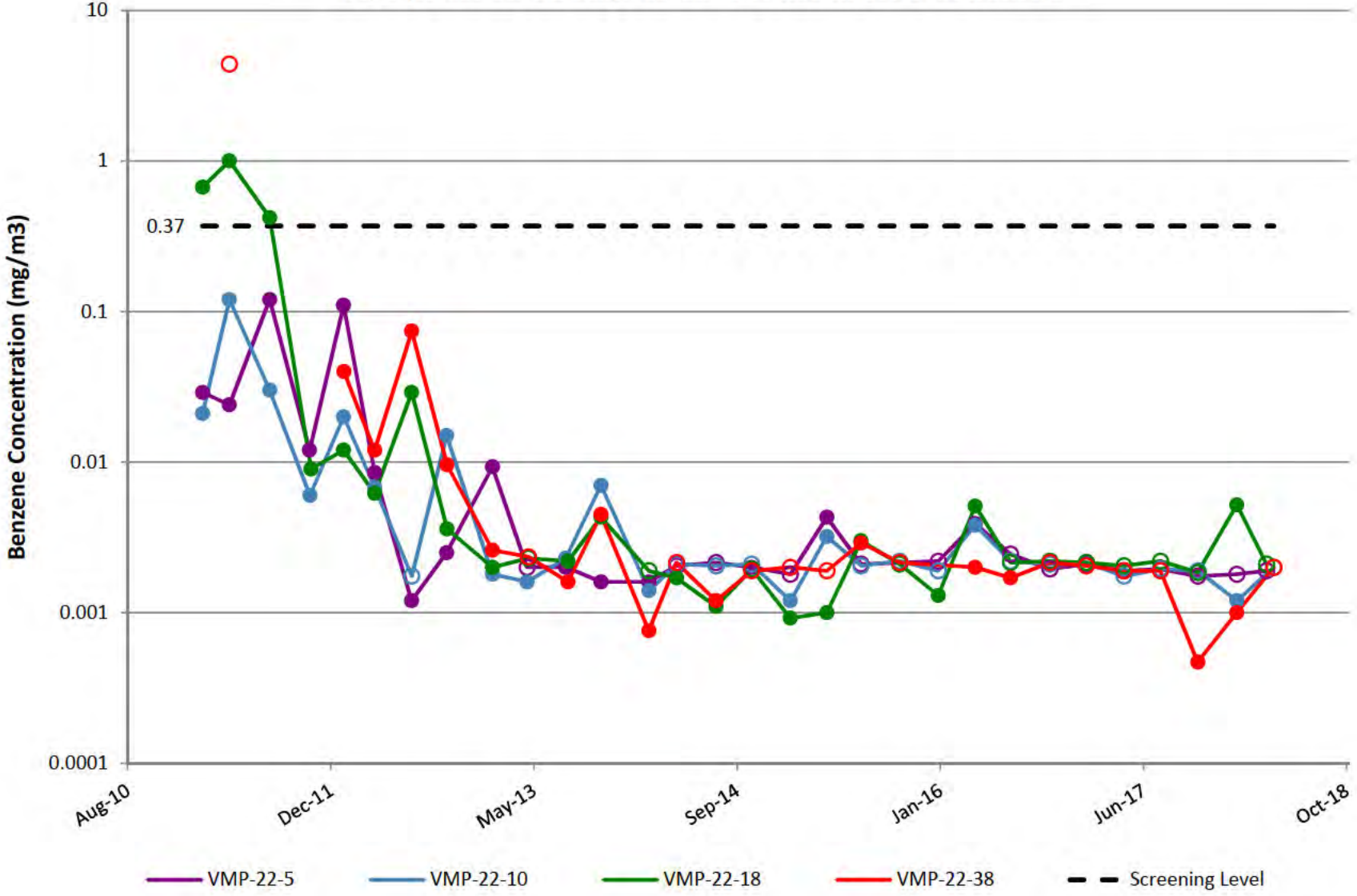
VMP-21

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.



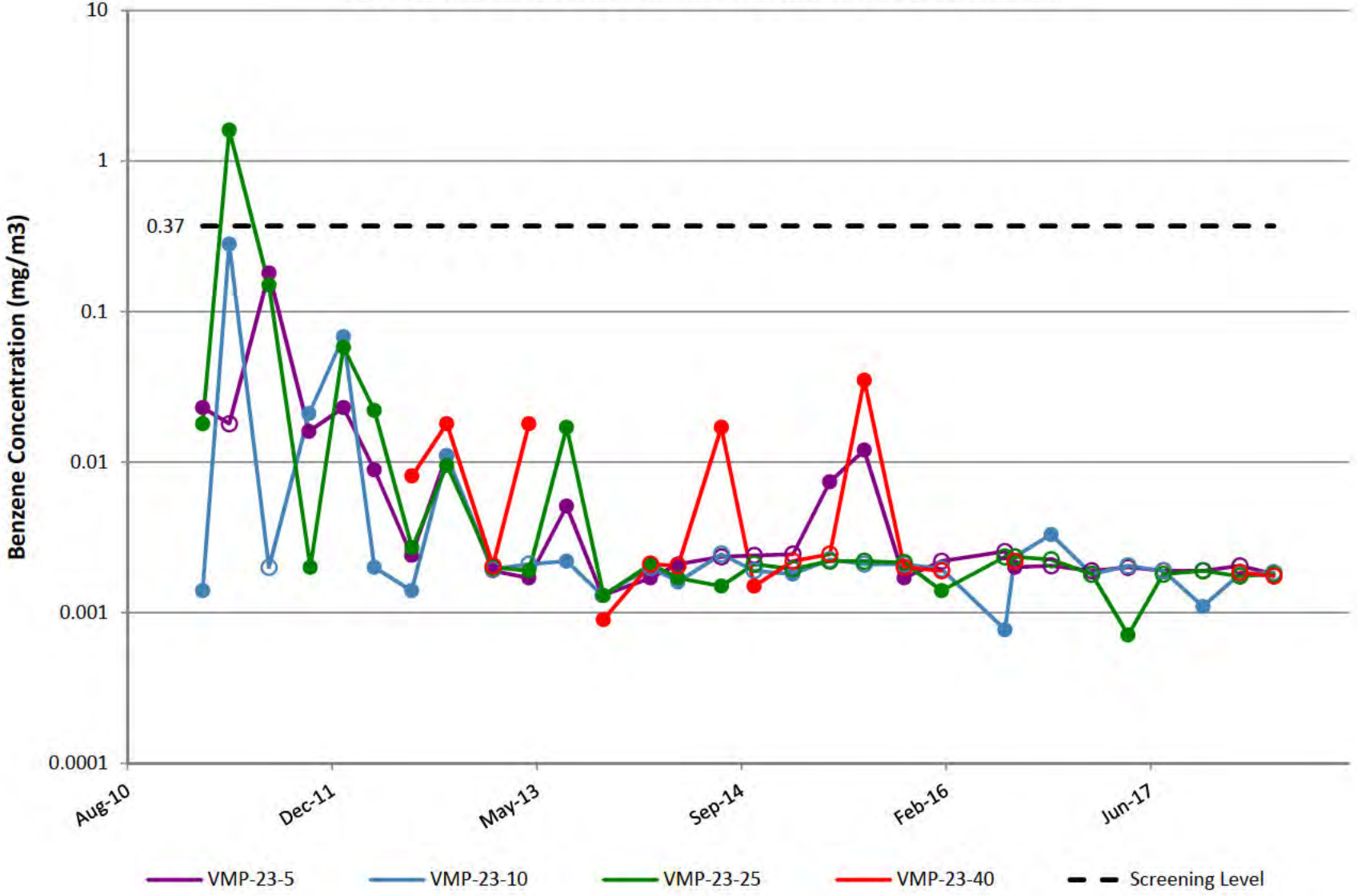
VMP-22

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.



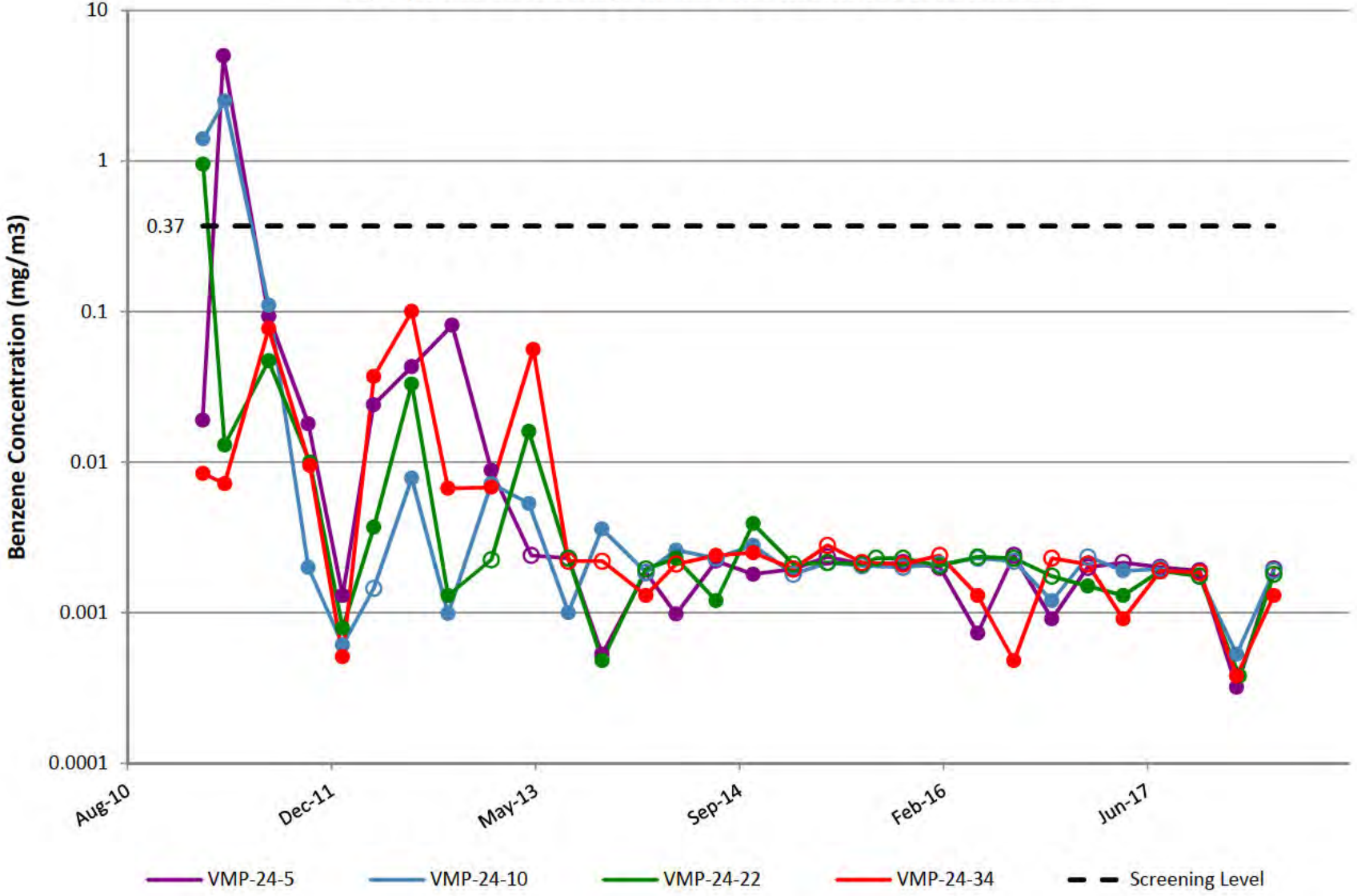
VMP-23

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.



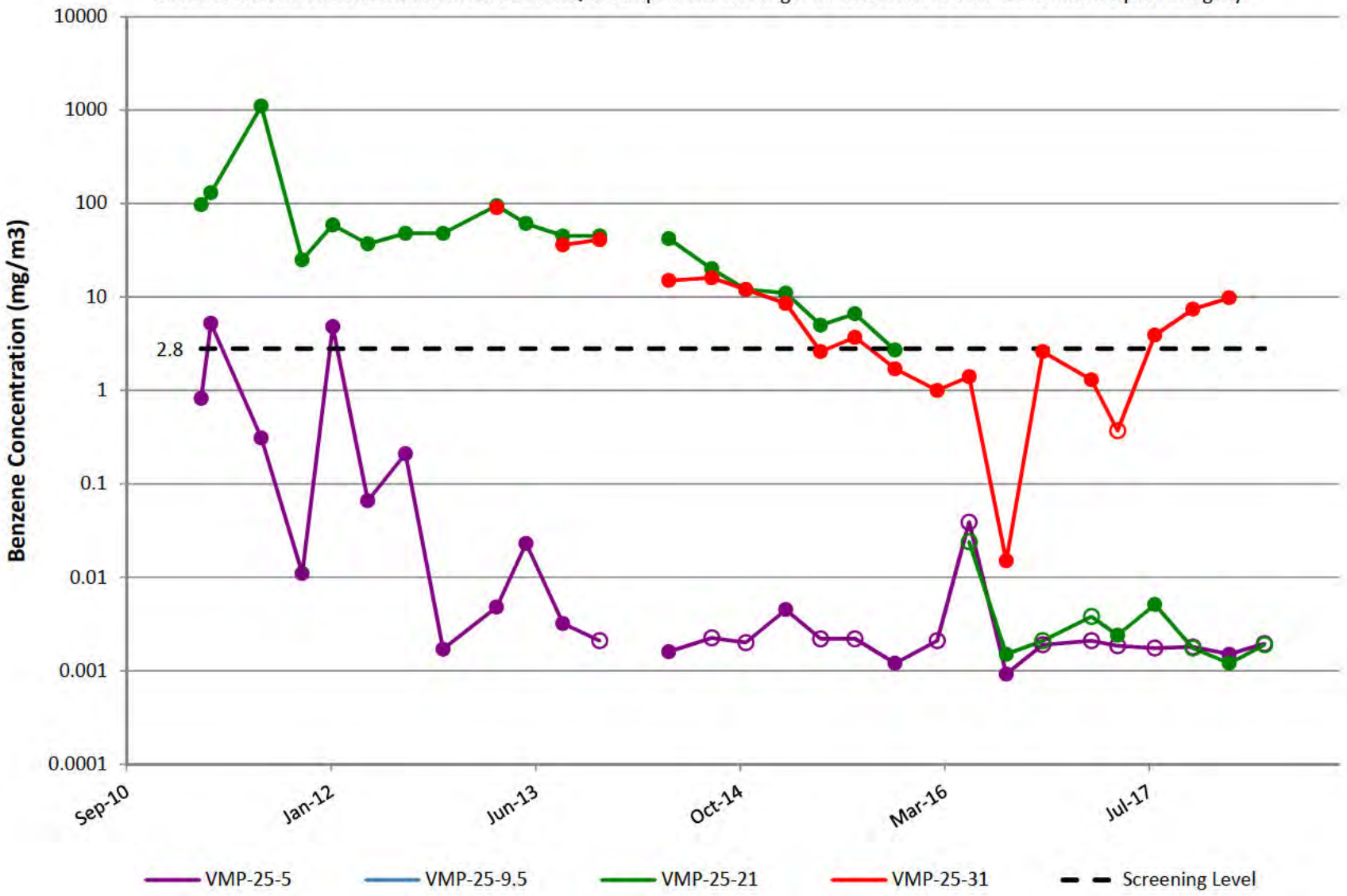
VMP-24

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.



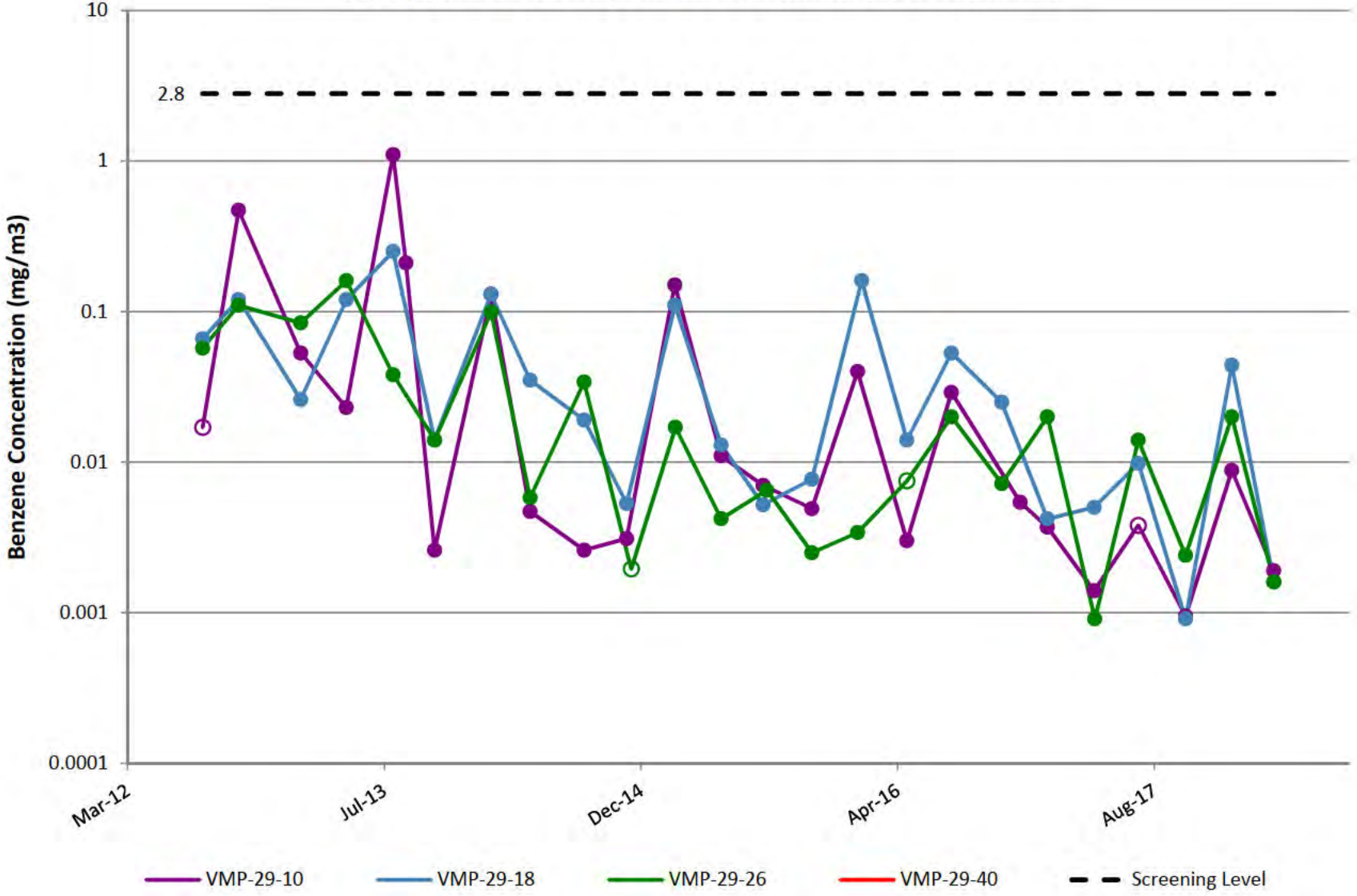
VMP-25

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.



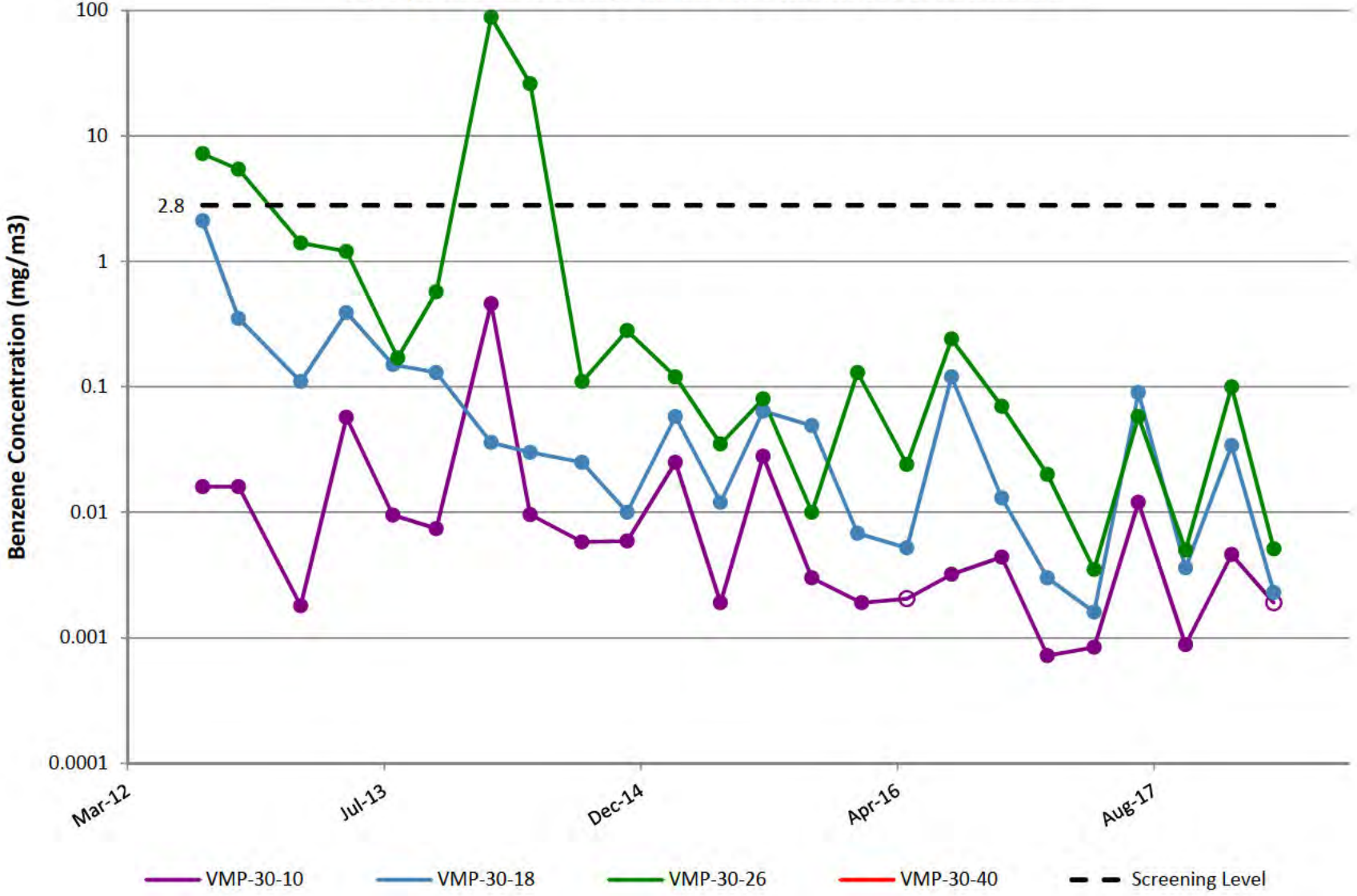
VMP-29

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.



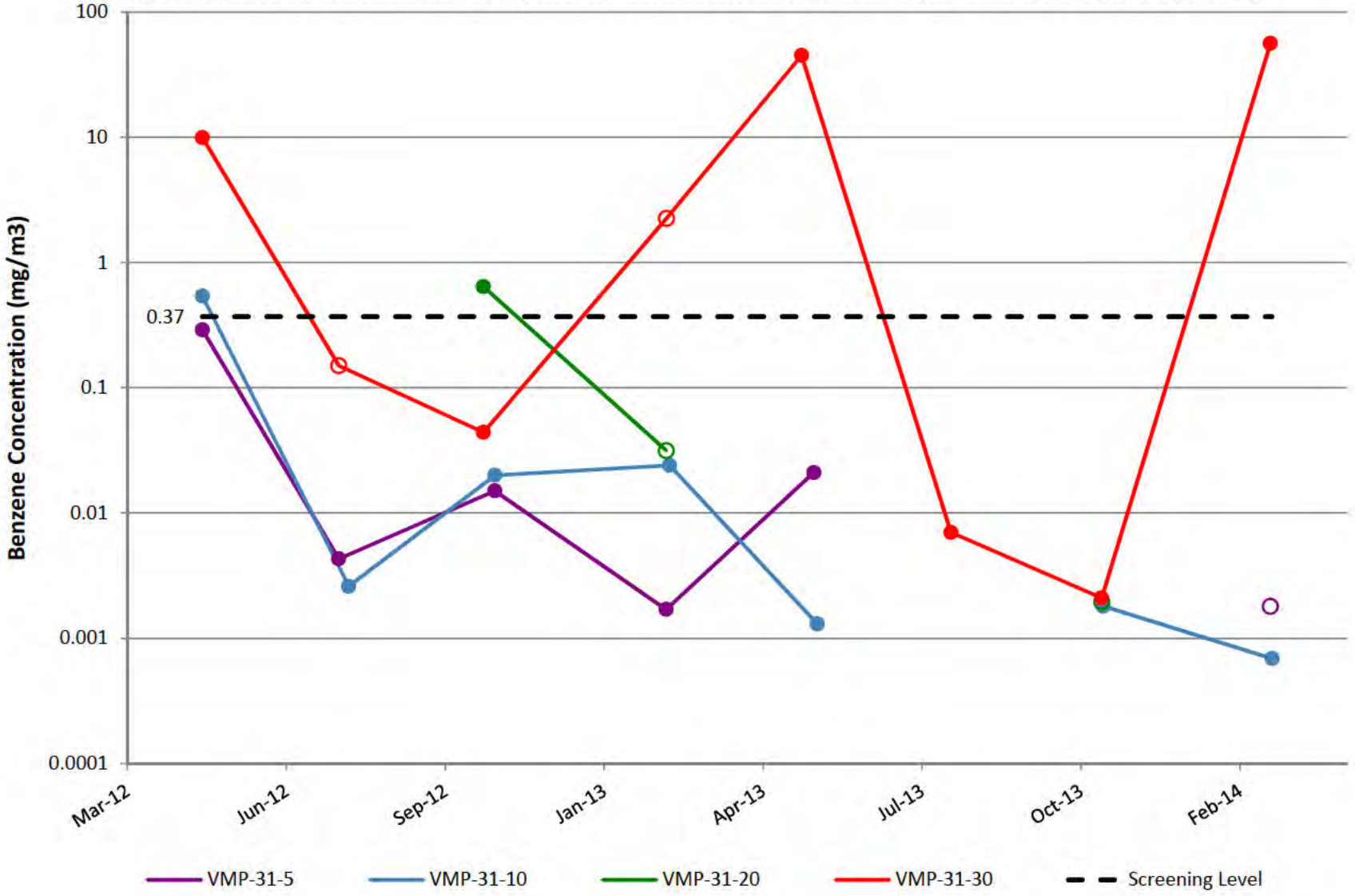
VMP-30

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.



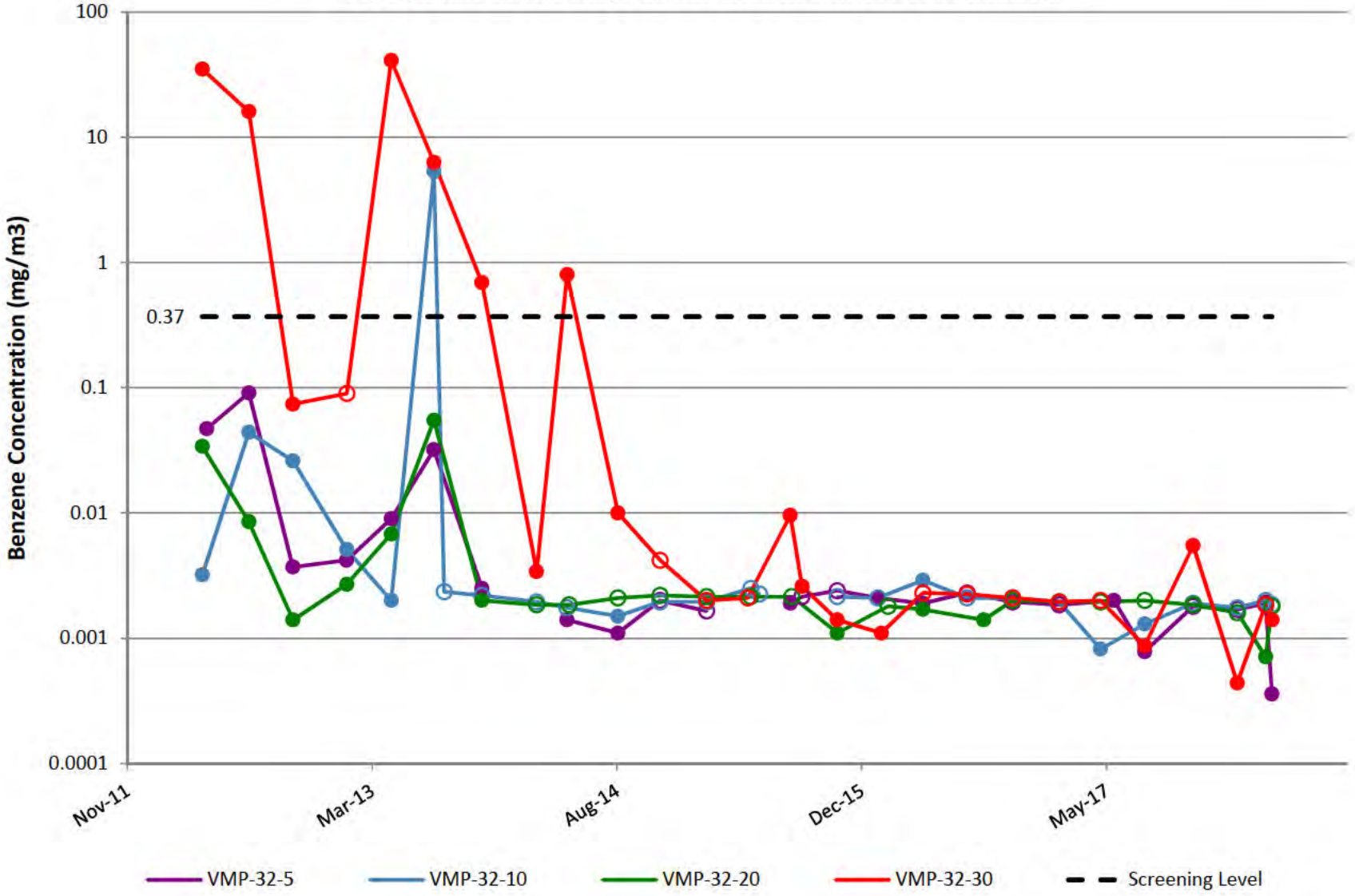
VMP-31

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.



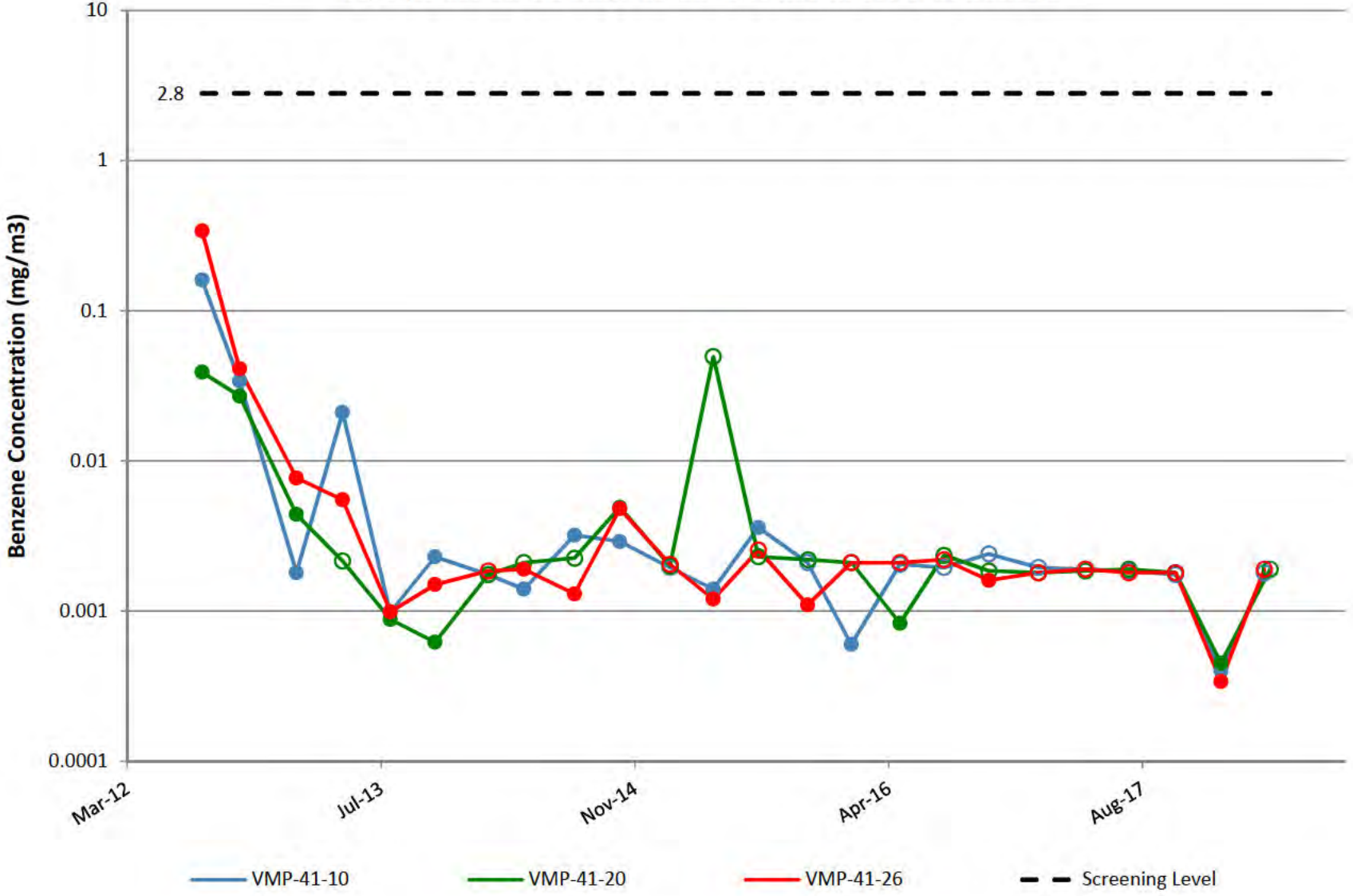
VMP-32

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.



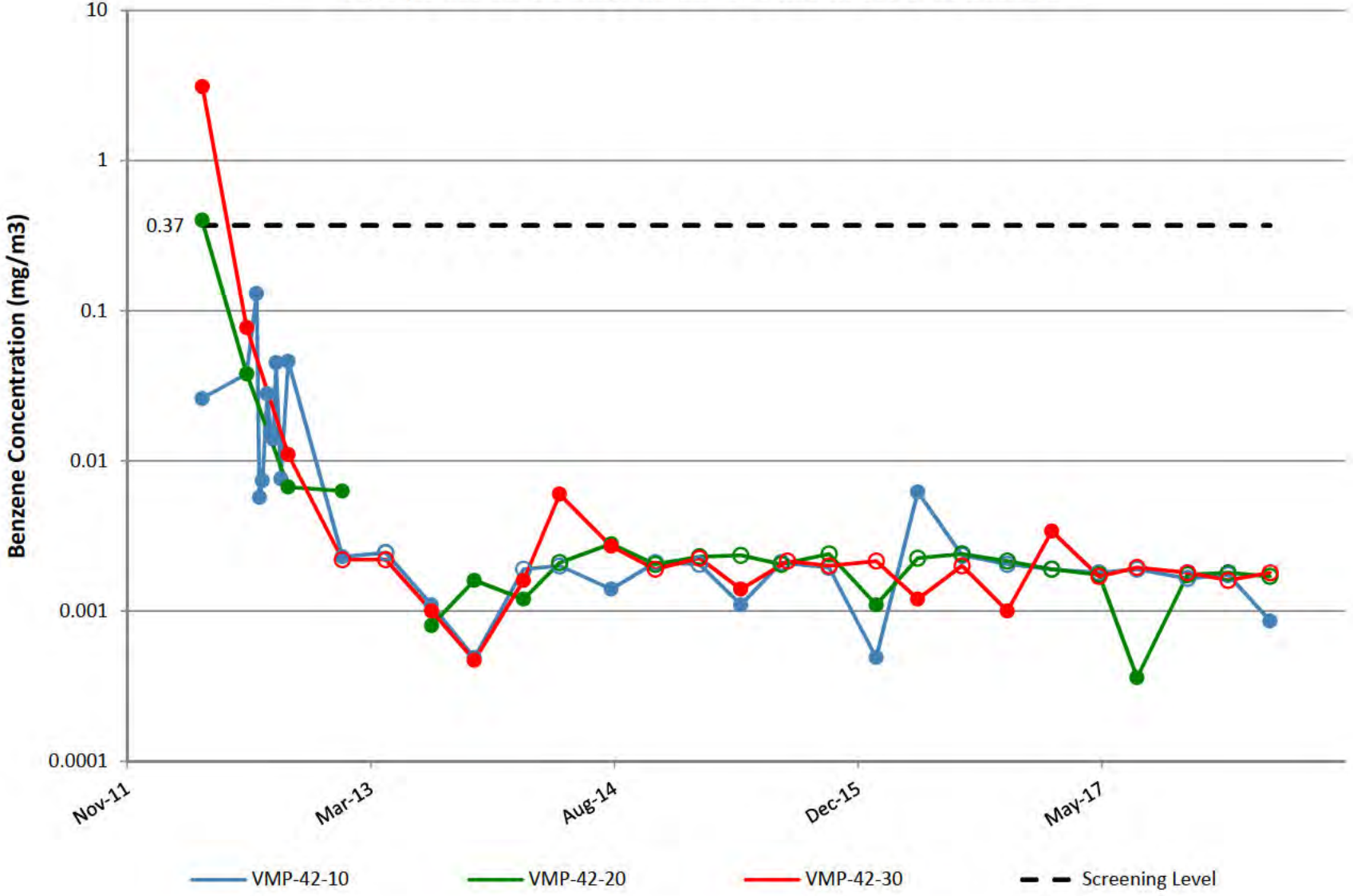
VMP-41

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.



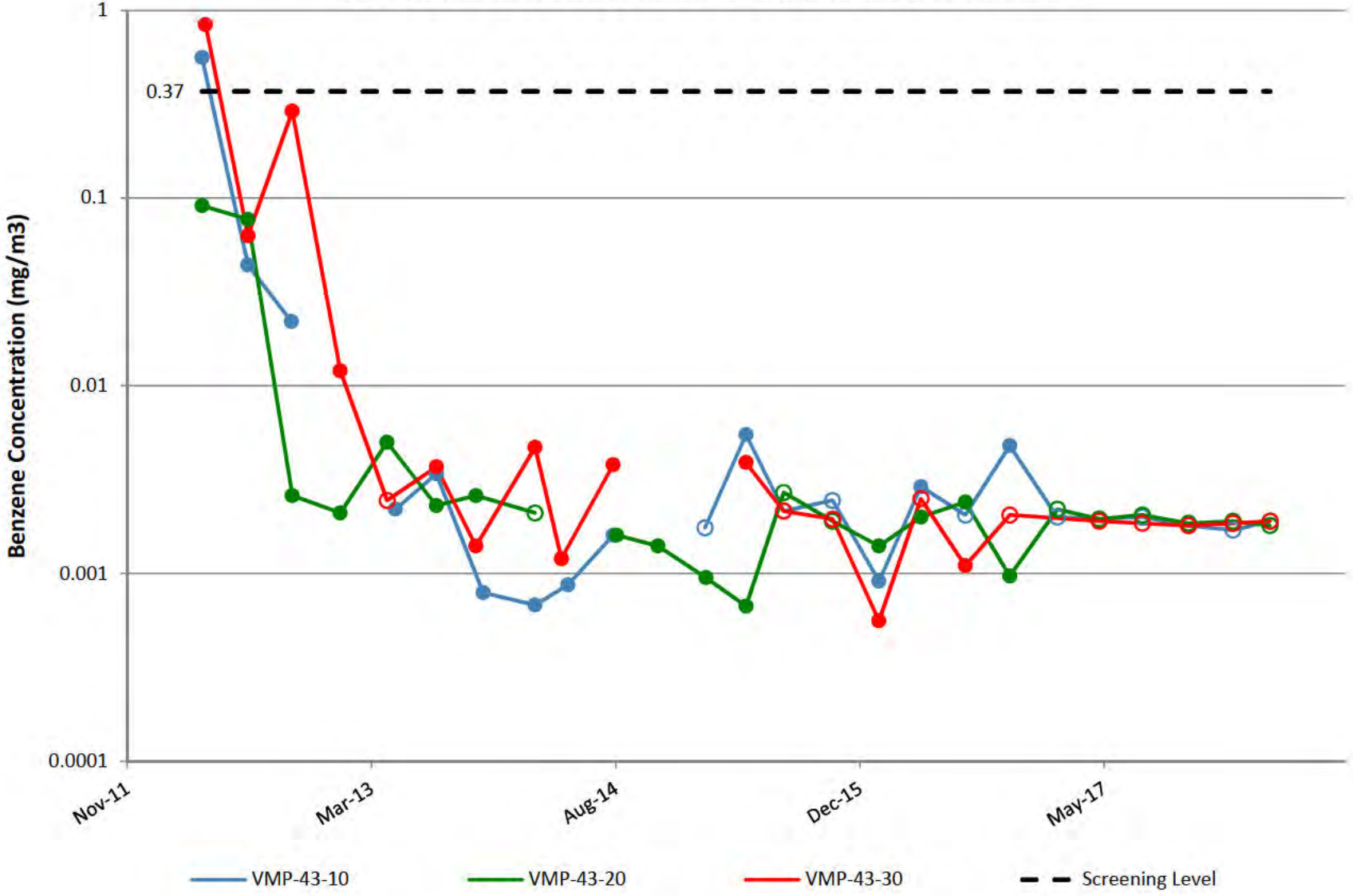
VMP-42

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.



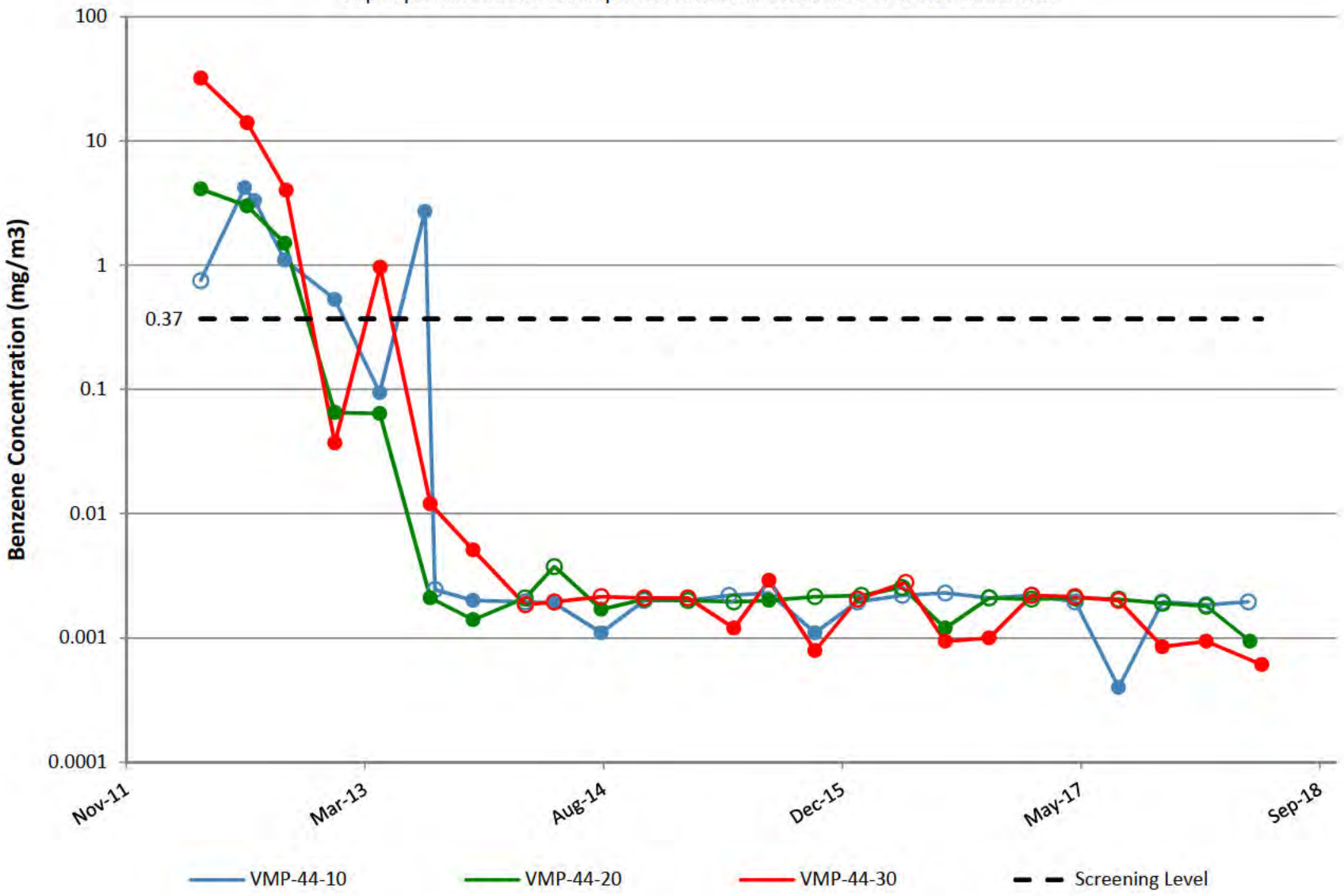
VMP-43

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.



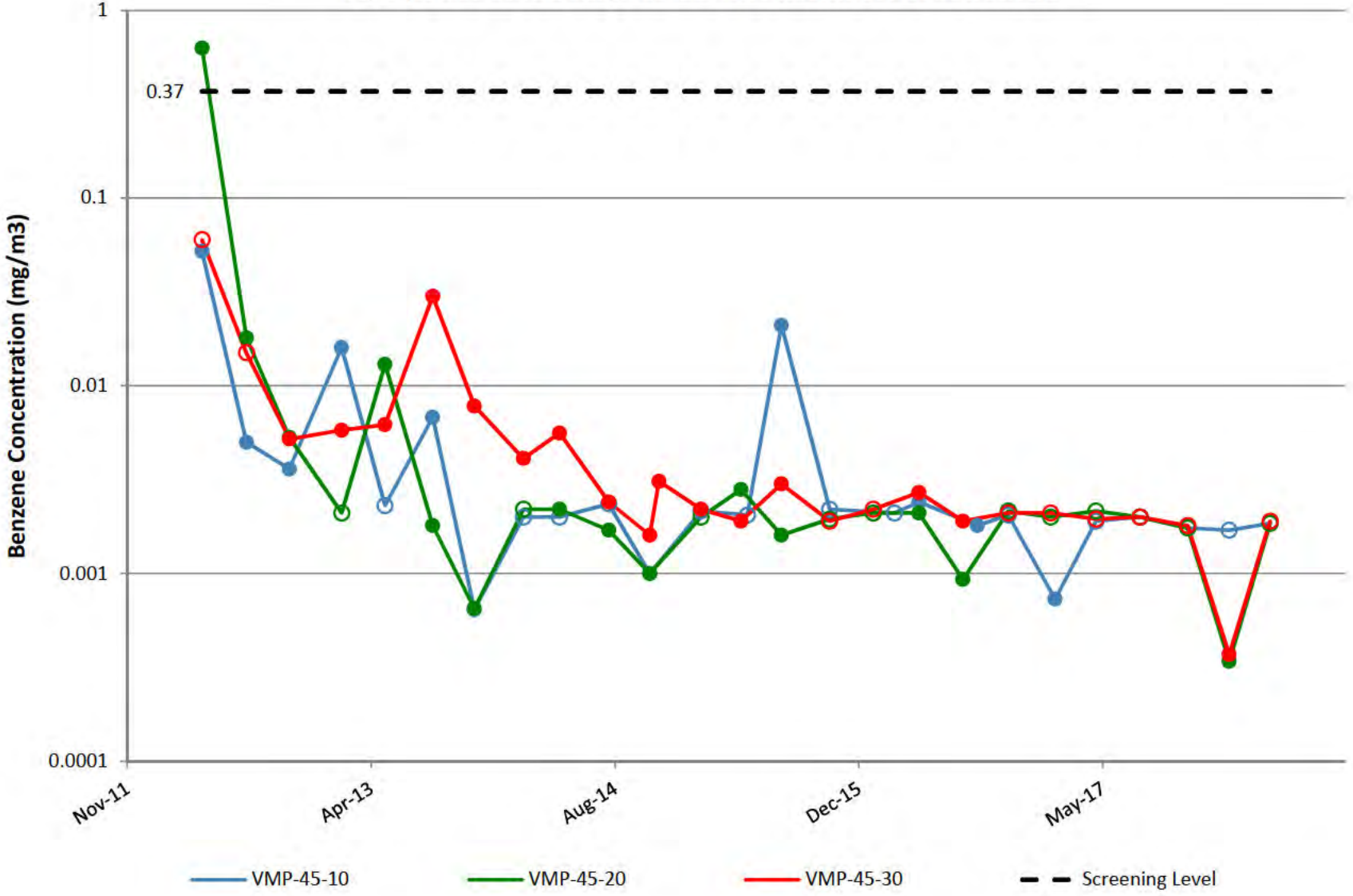
VMP-44

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.



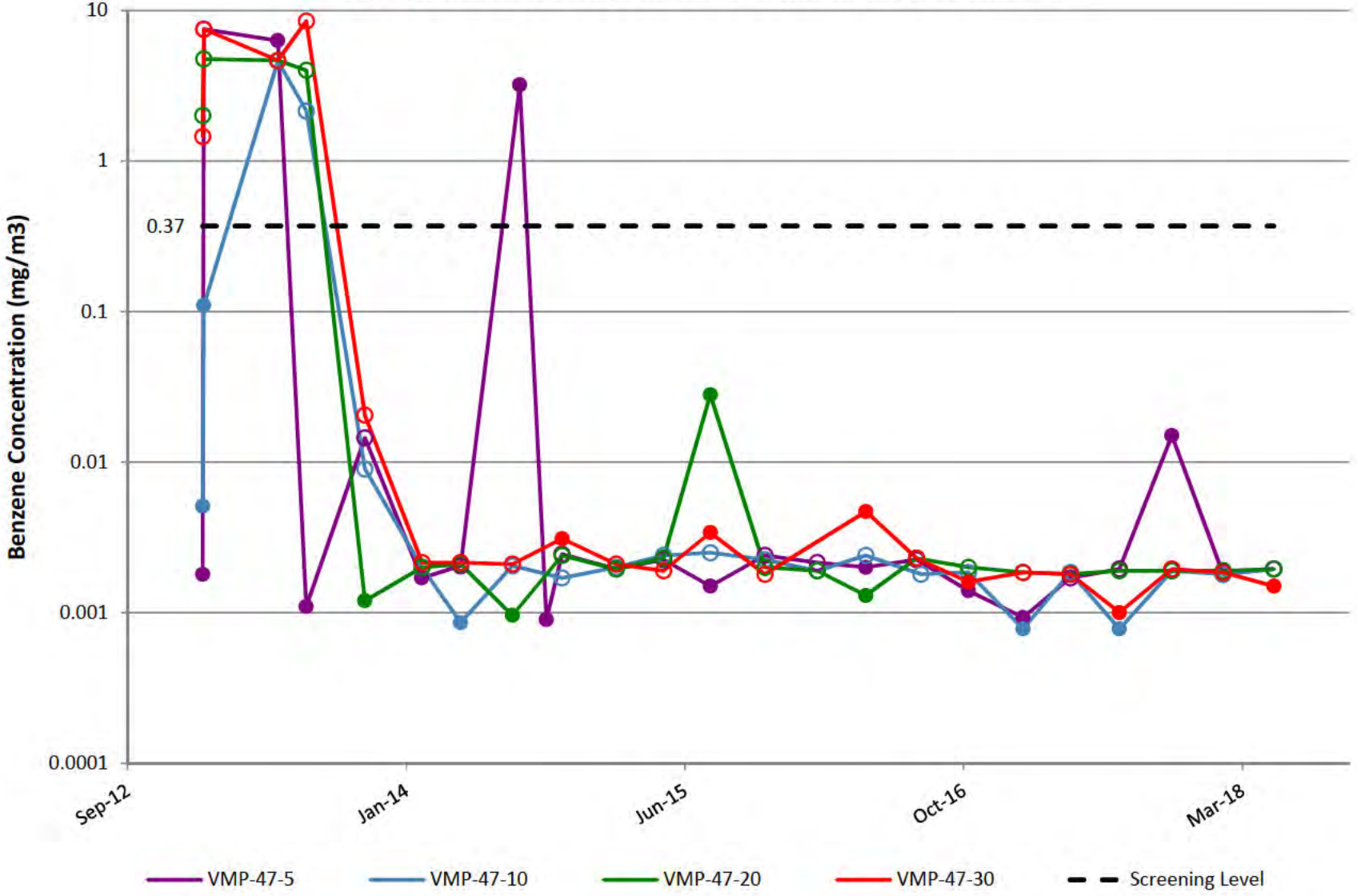
VMP-45

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.



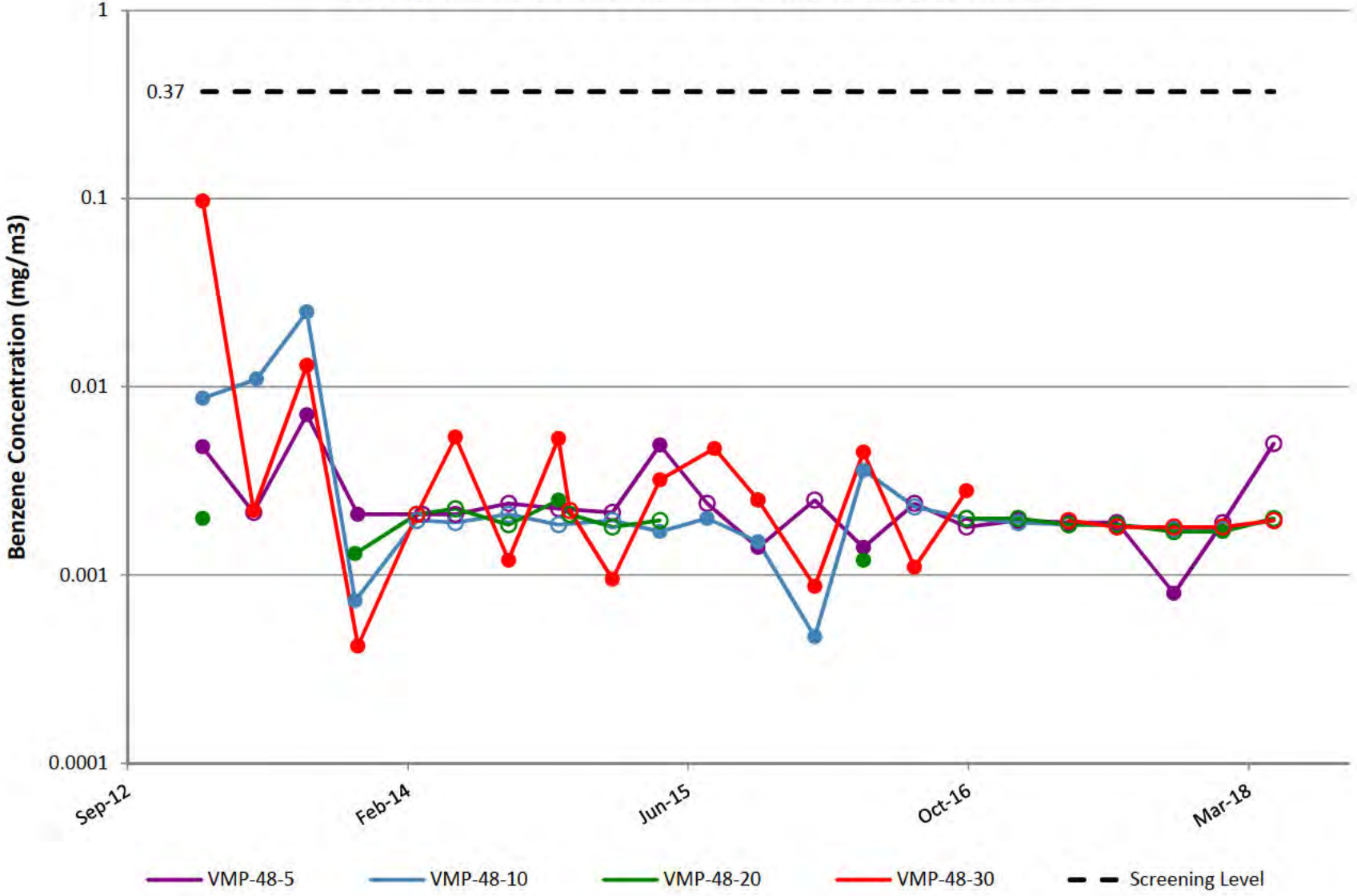
VMP-47

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.



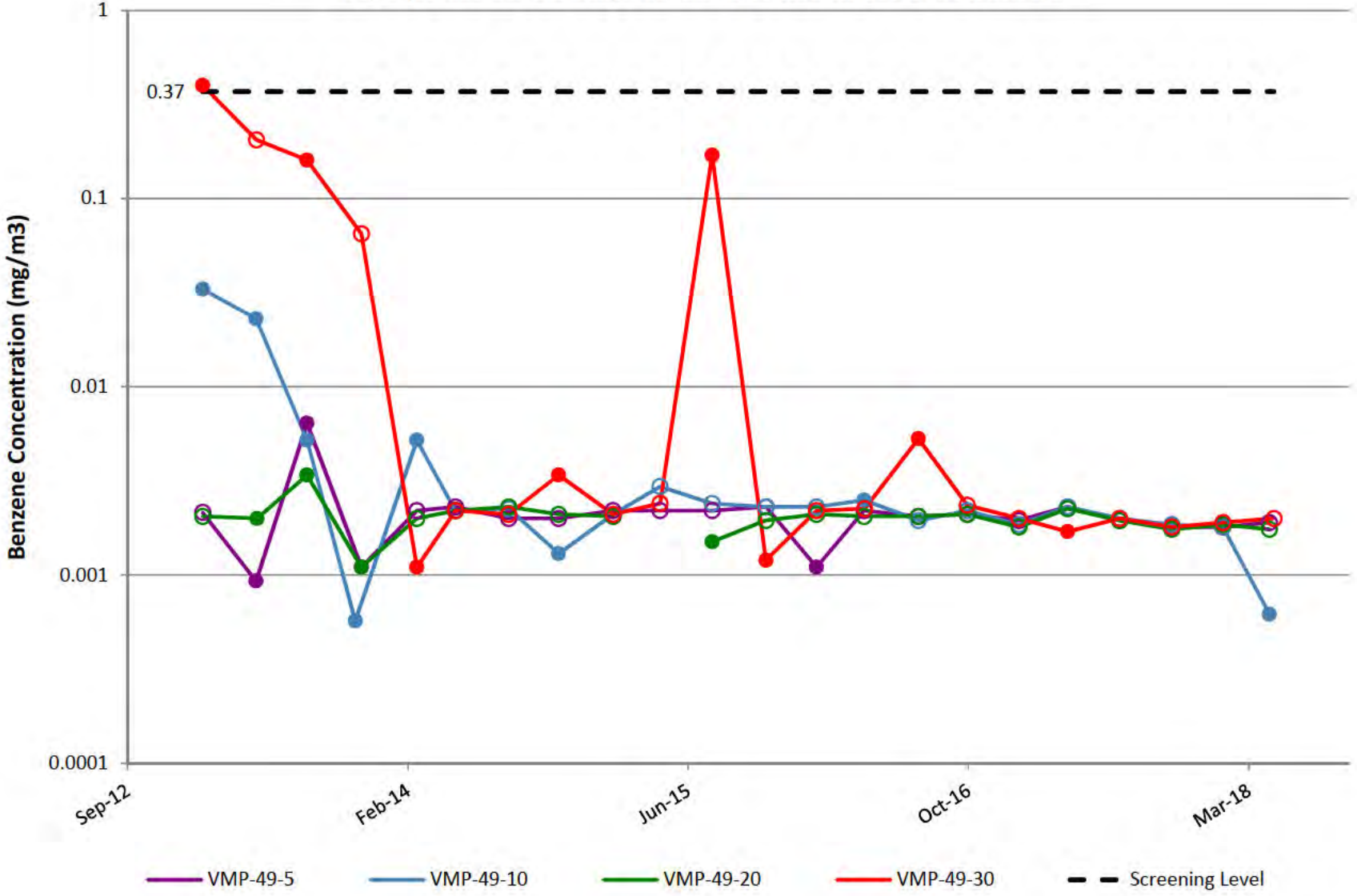
VMP-48

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.



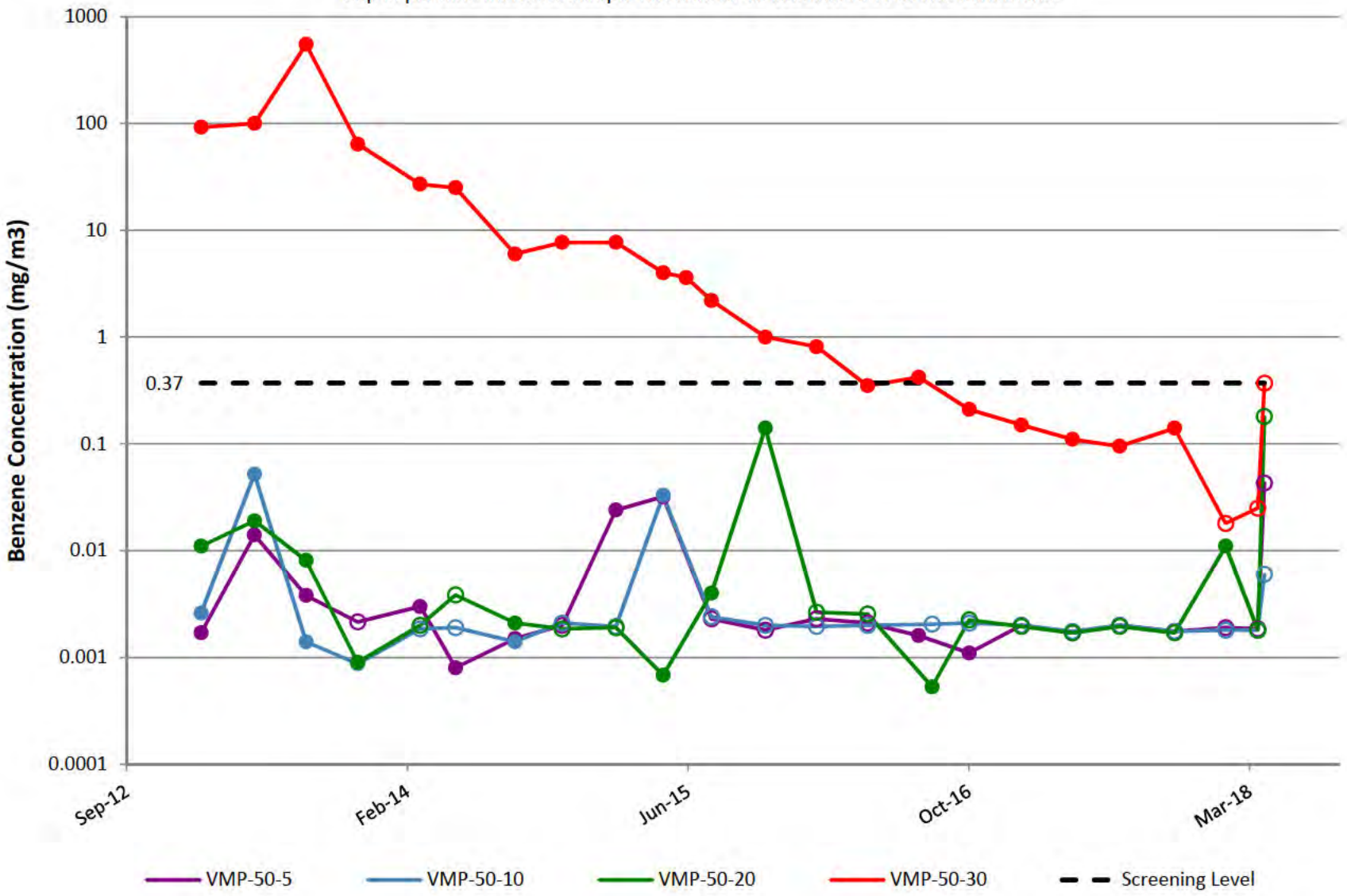
VMP-49

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.



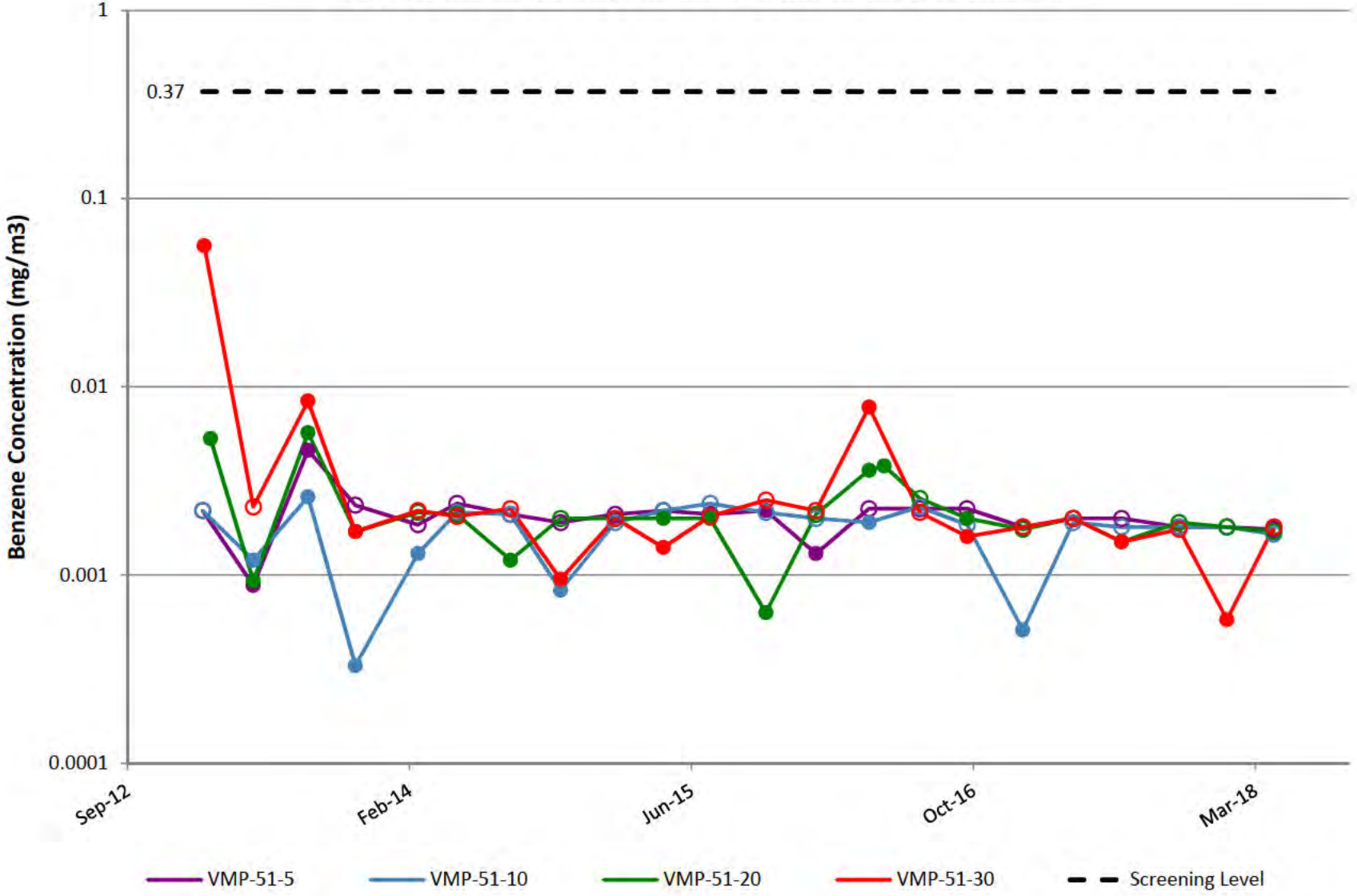
VMP-50

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.



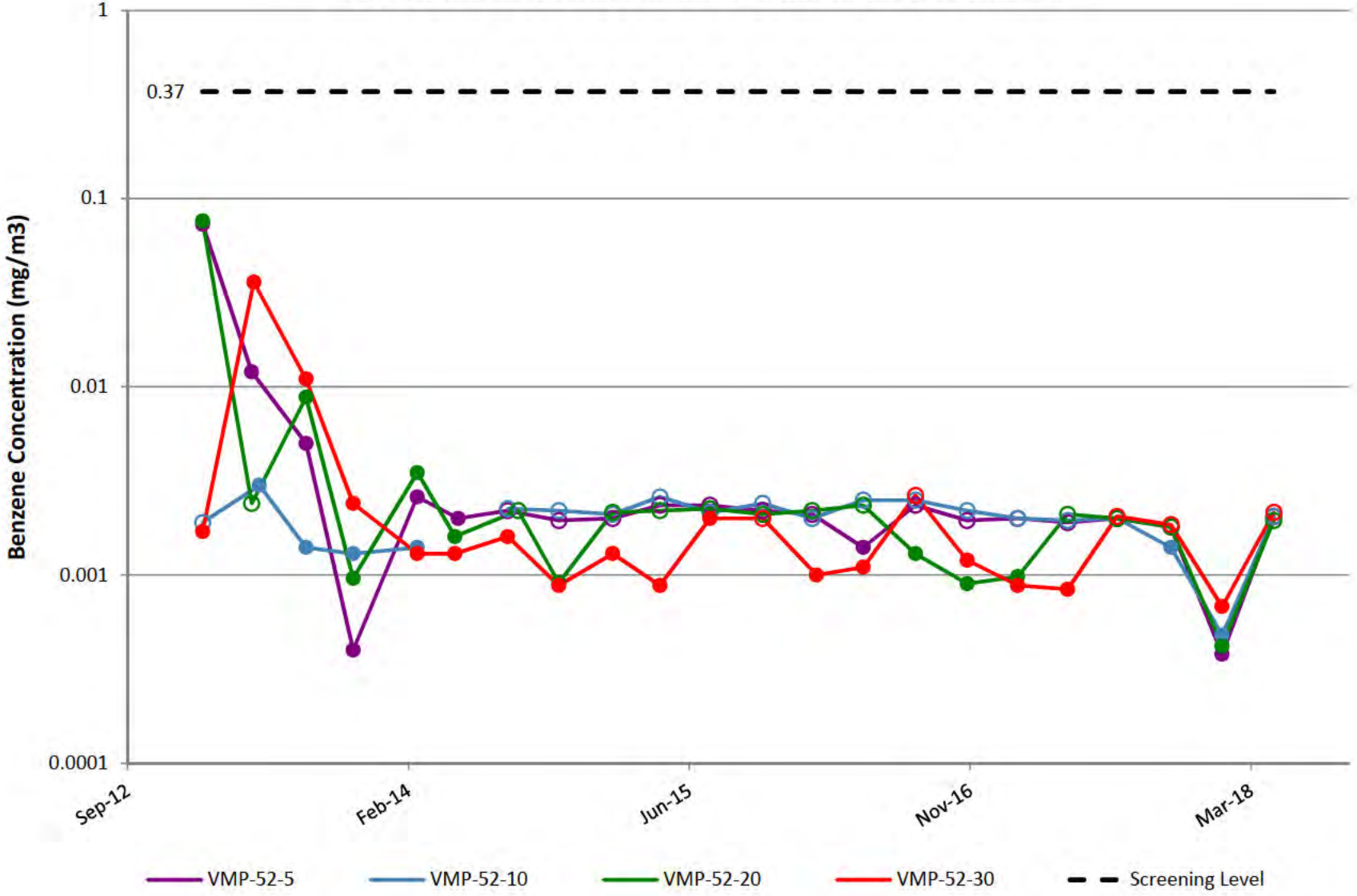
VMP-51

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.



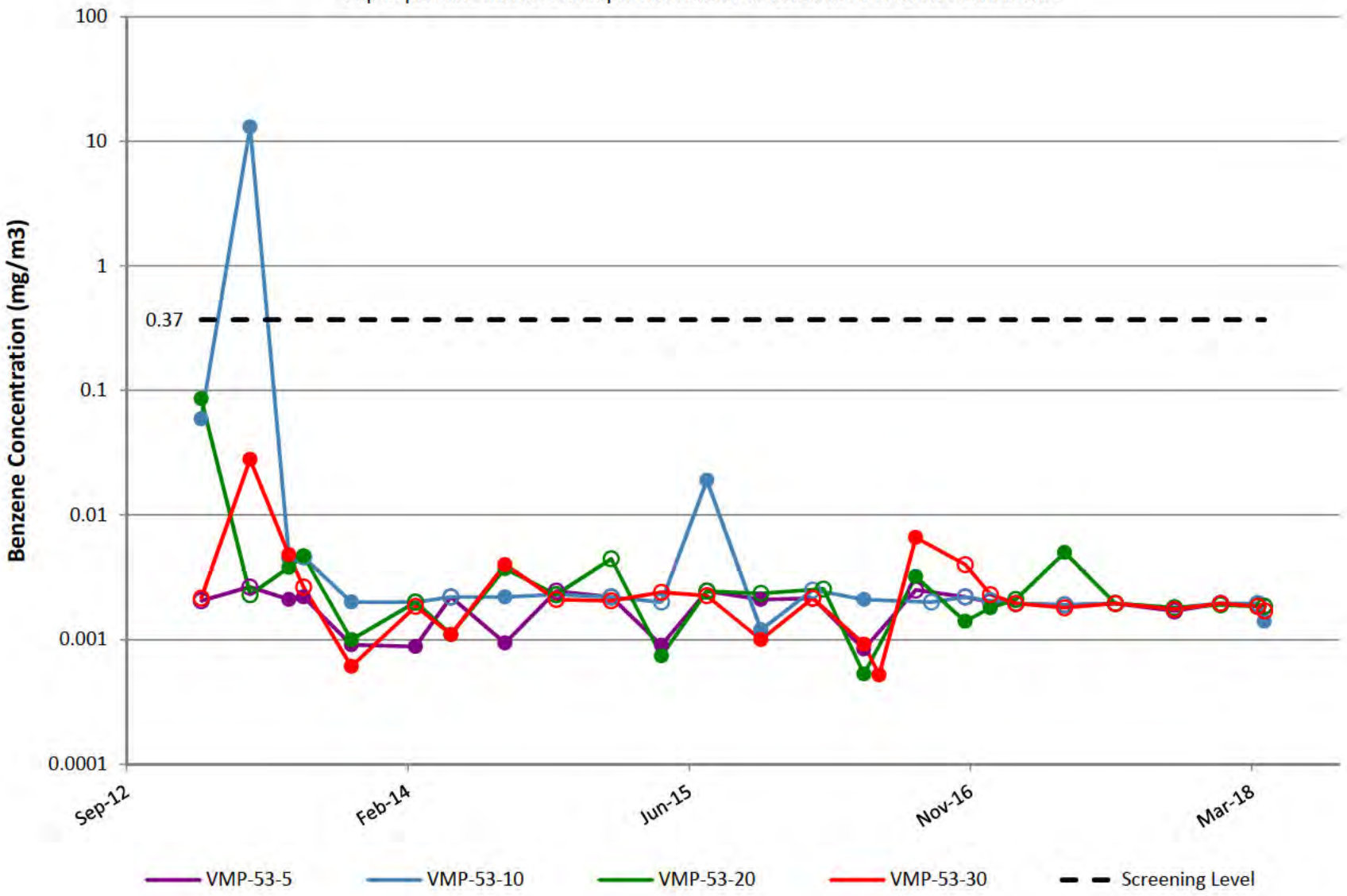
VMP-52

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.



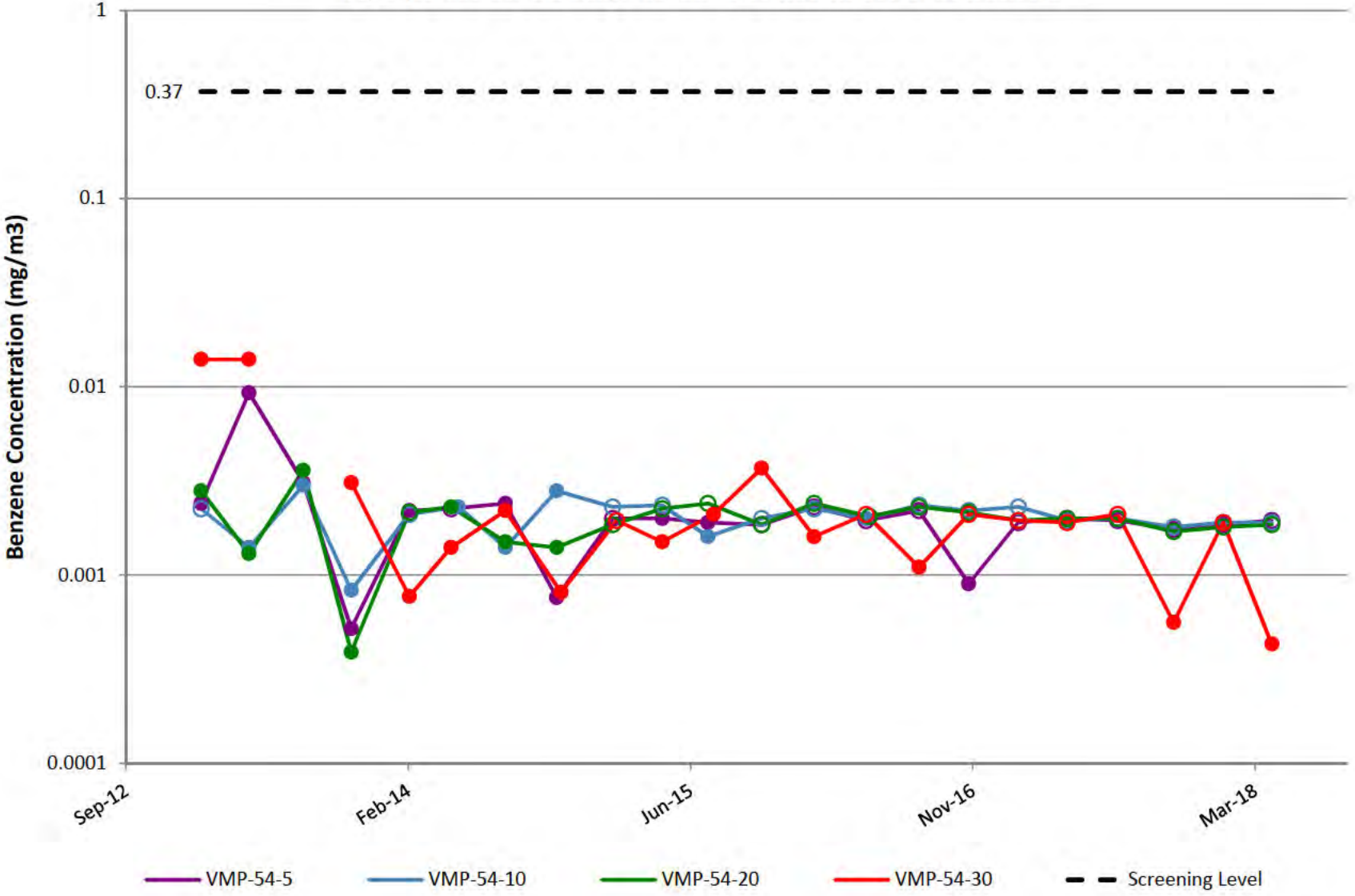
VMP-53

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.



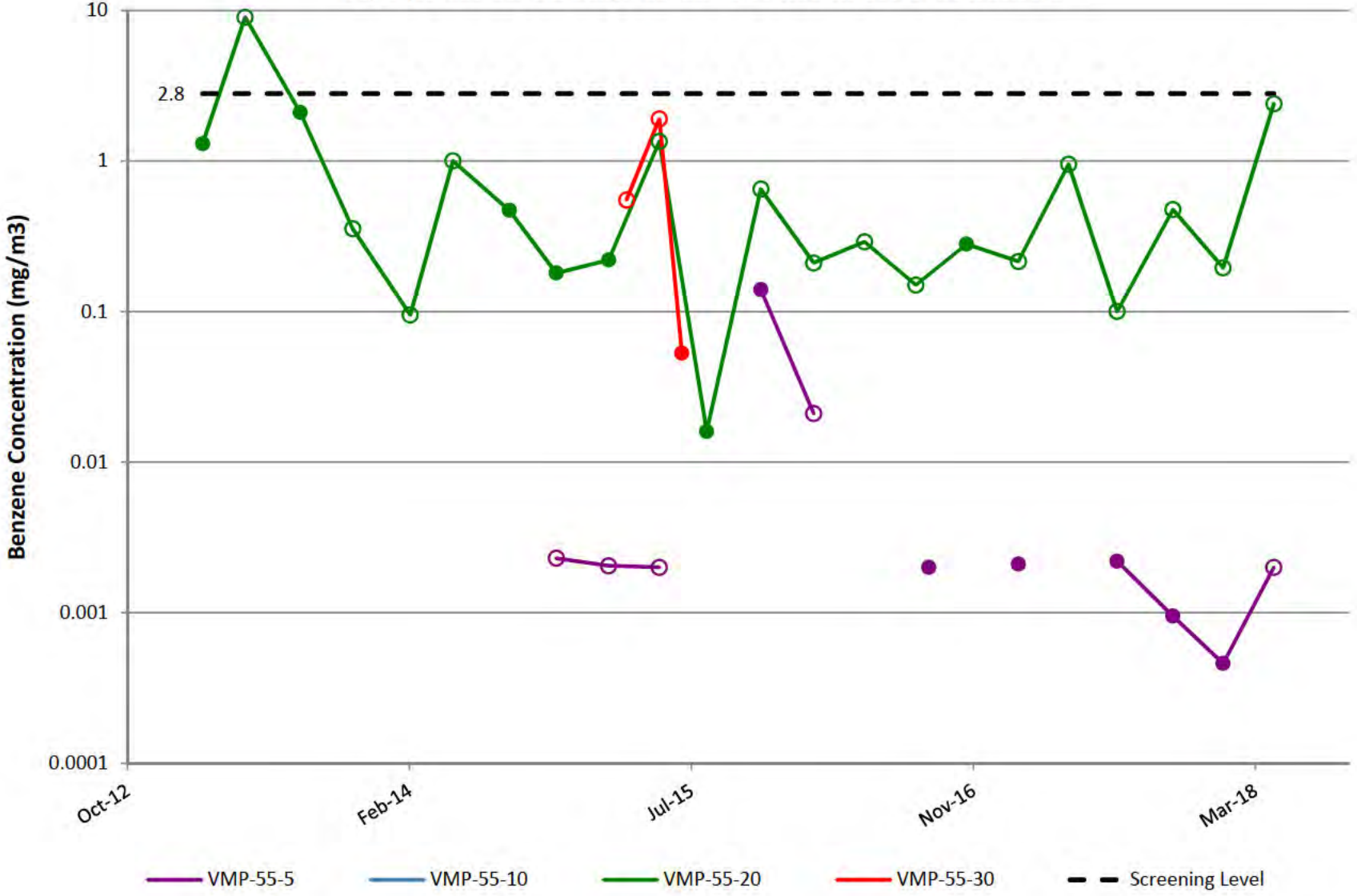
VMP-54

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.



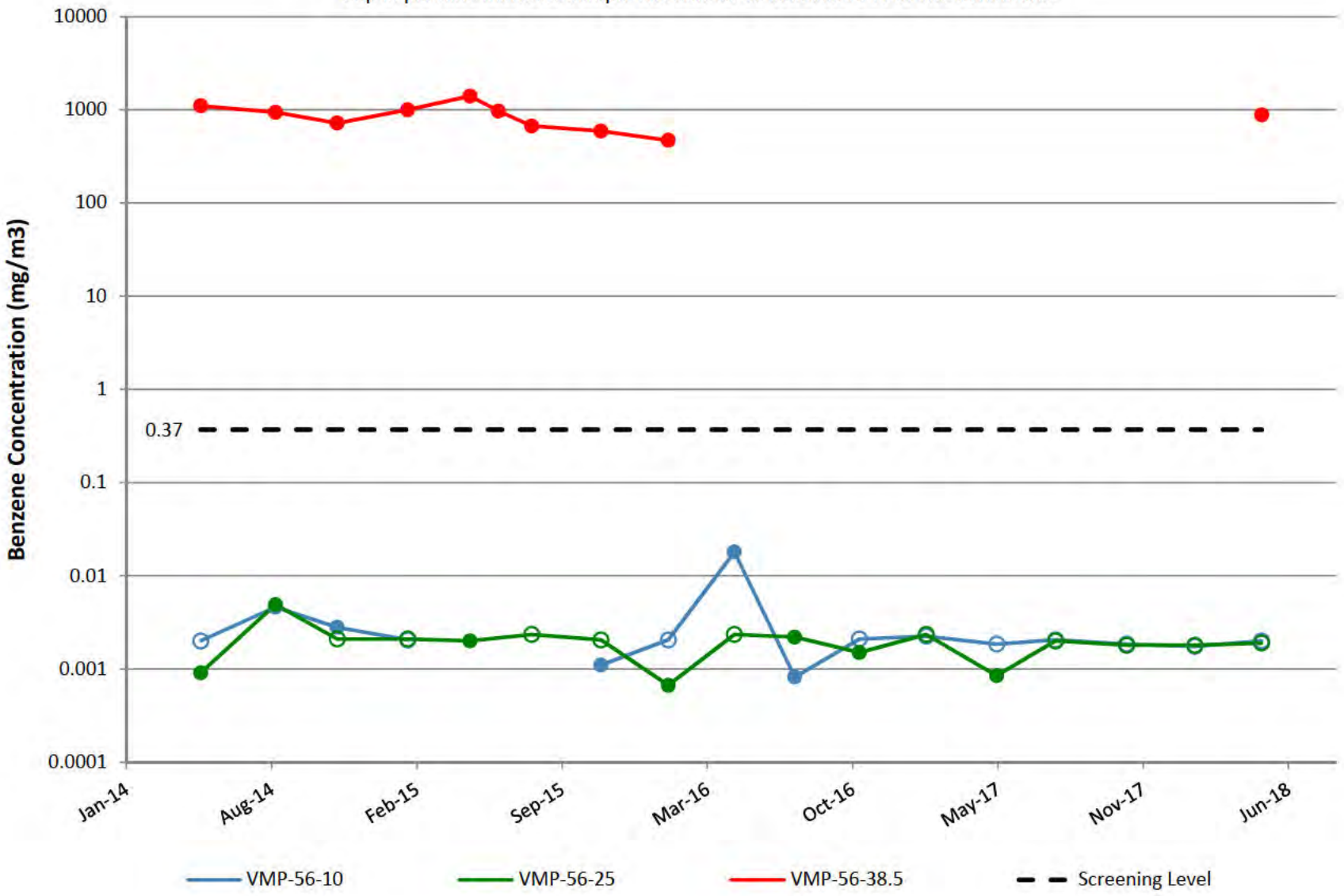
VMP-55

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.



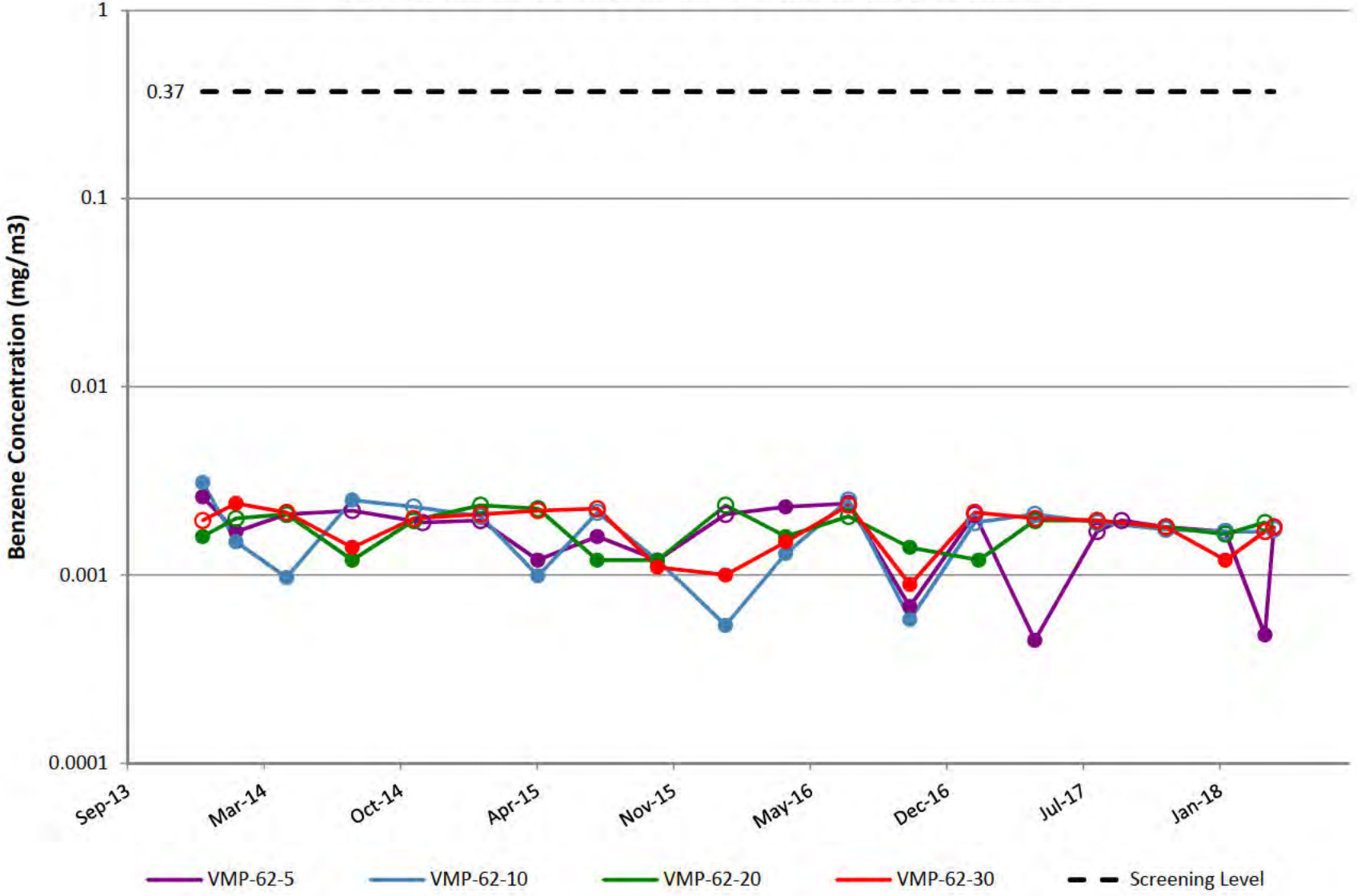
VMP-56

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.



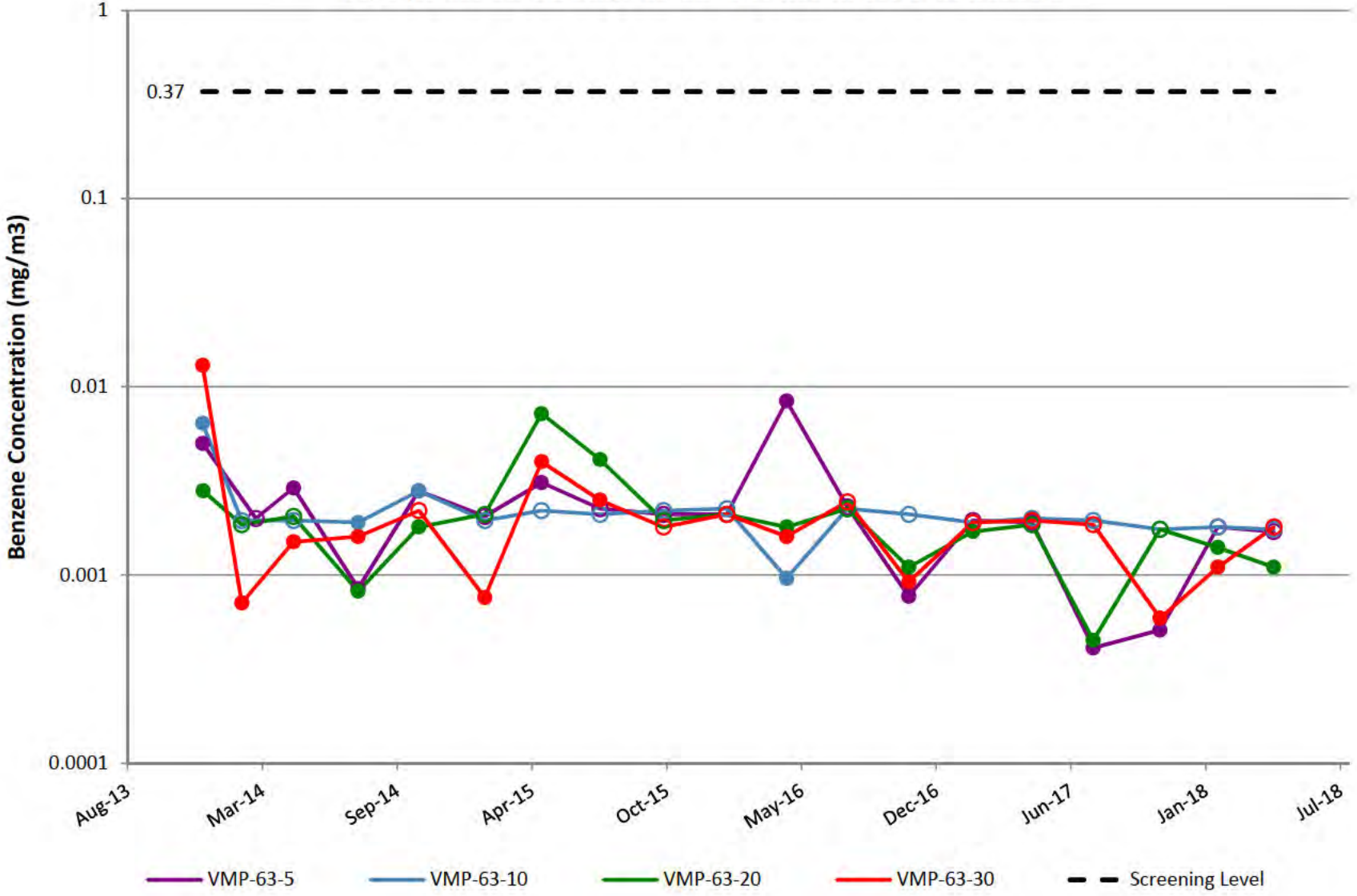
VMP-62

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.



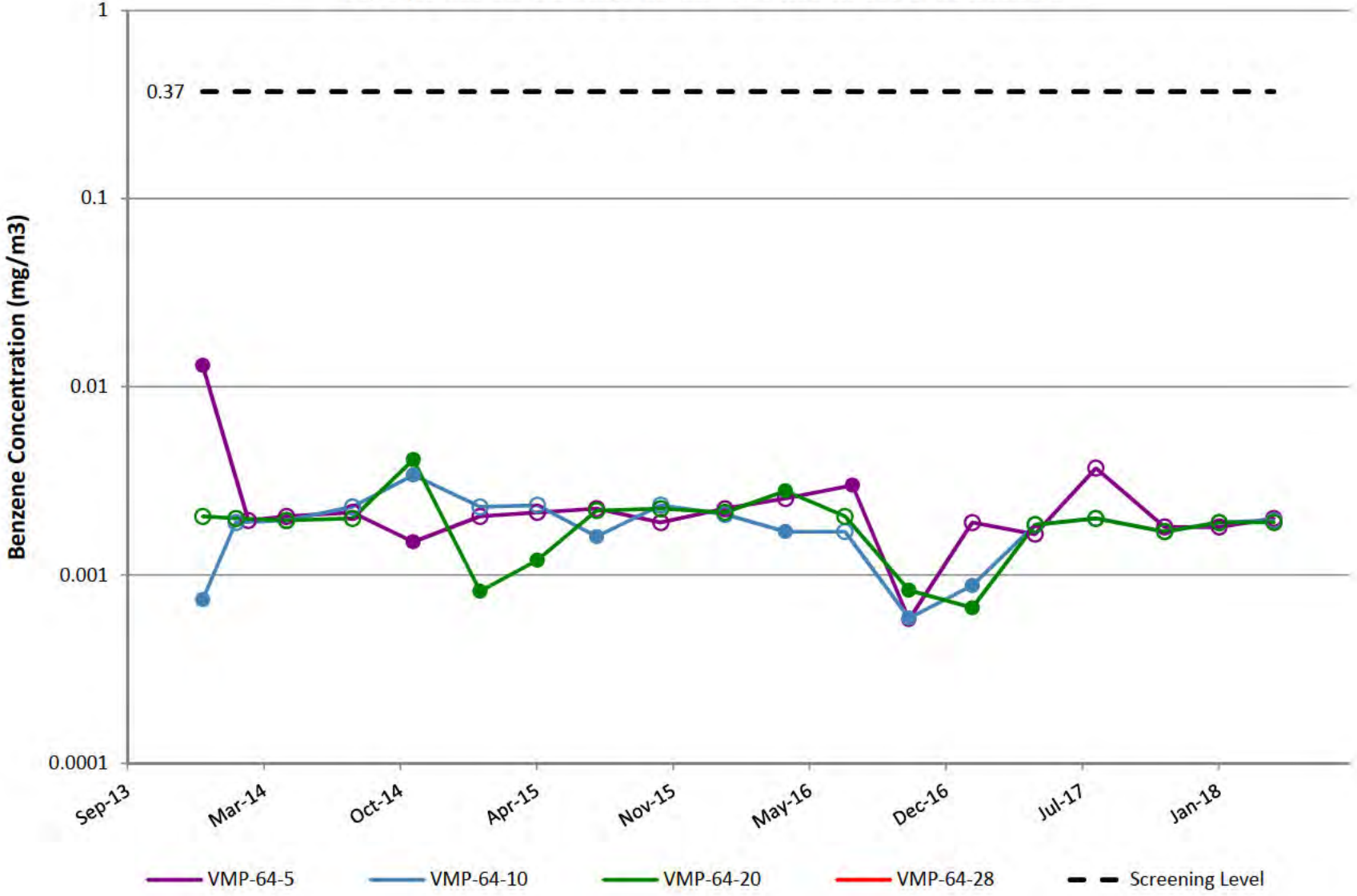
VMP-63

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.



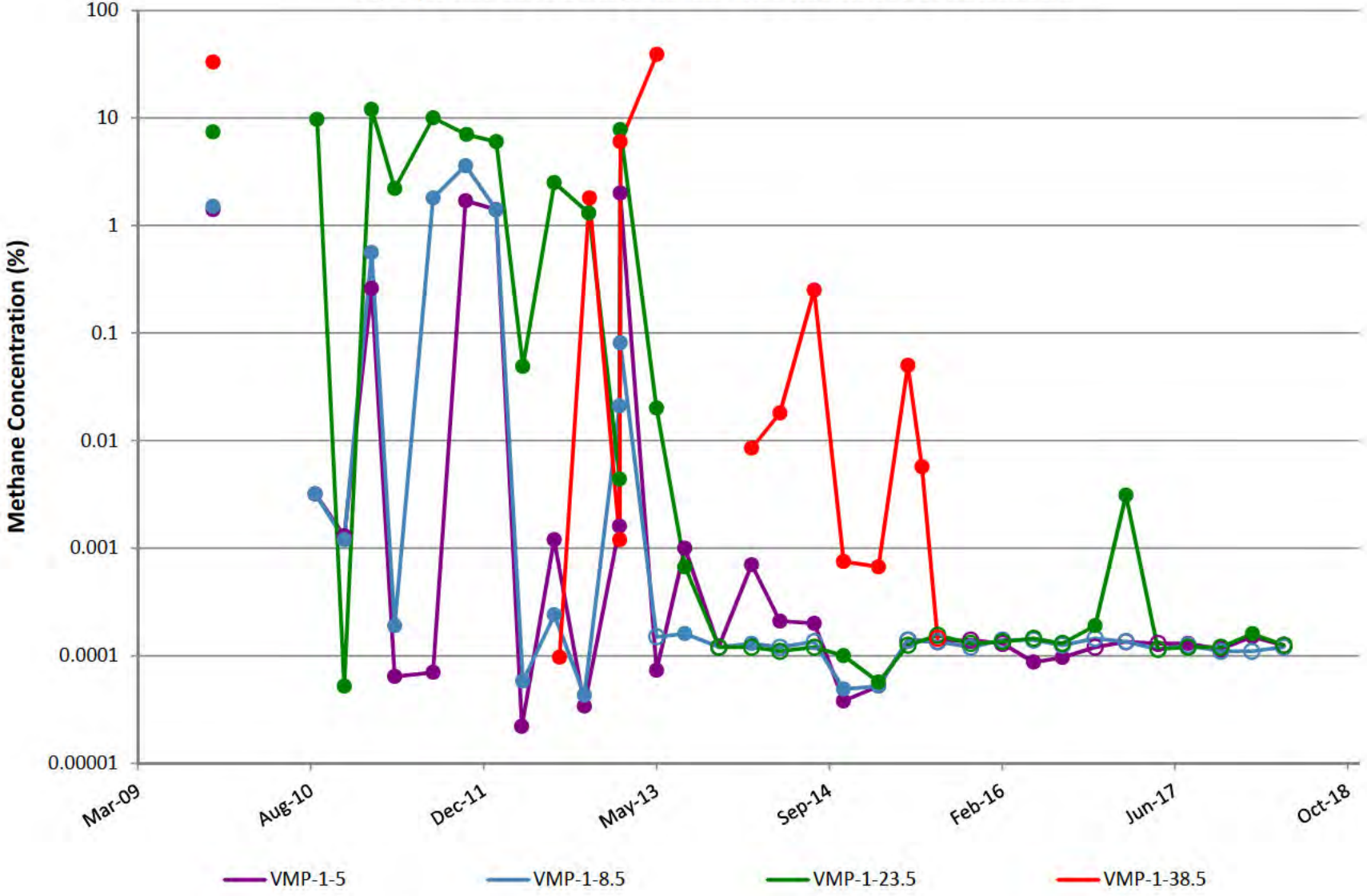
VMP-64

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.



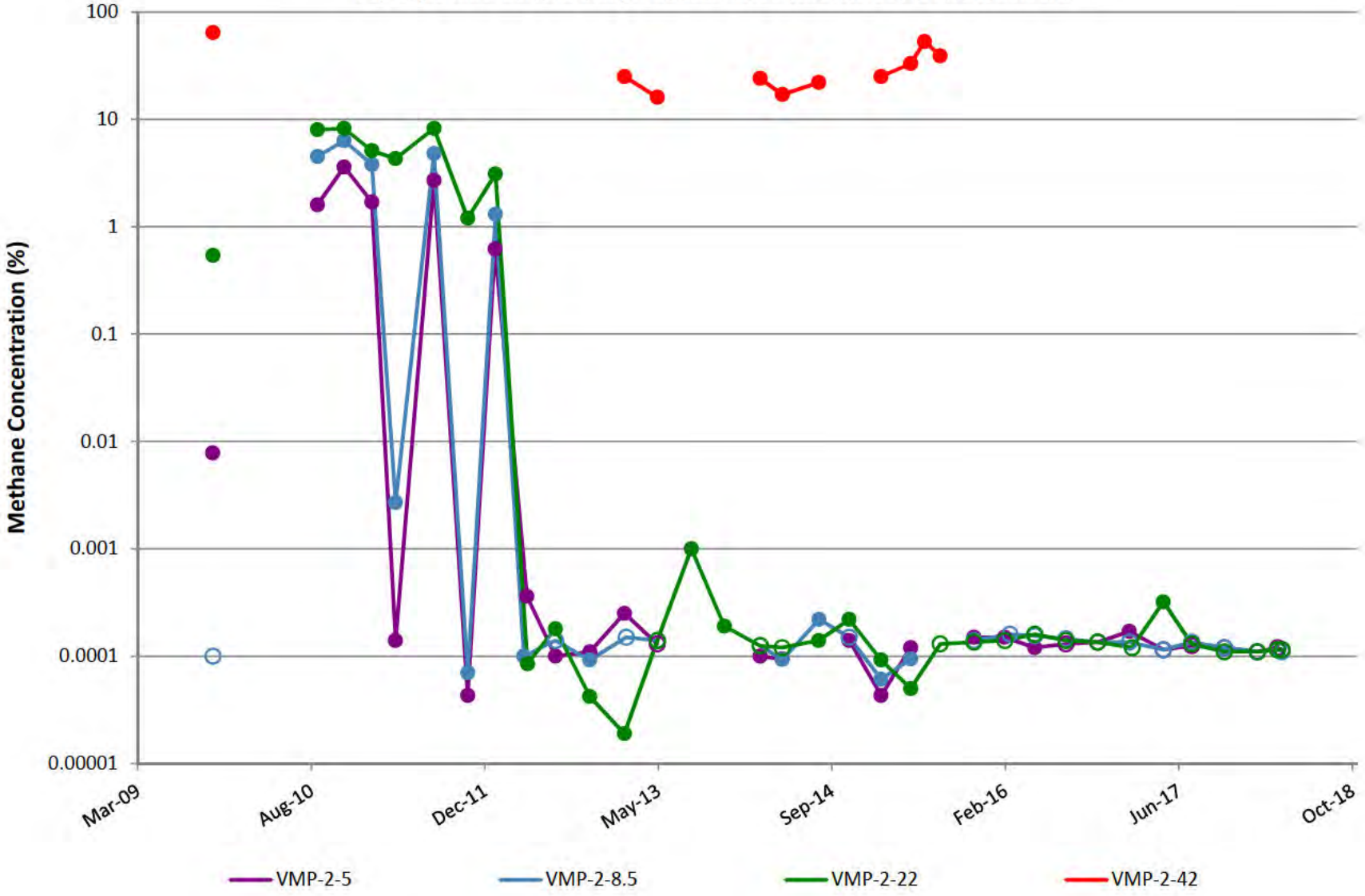
VMP-1

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.



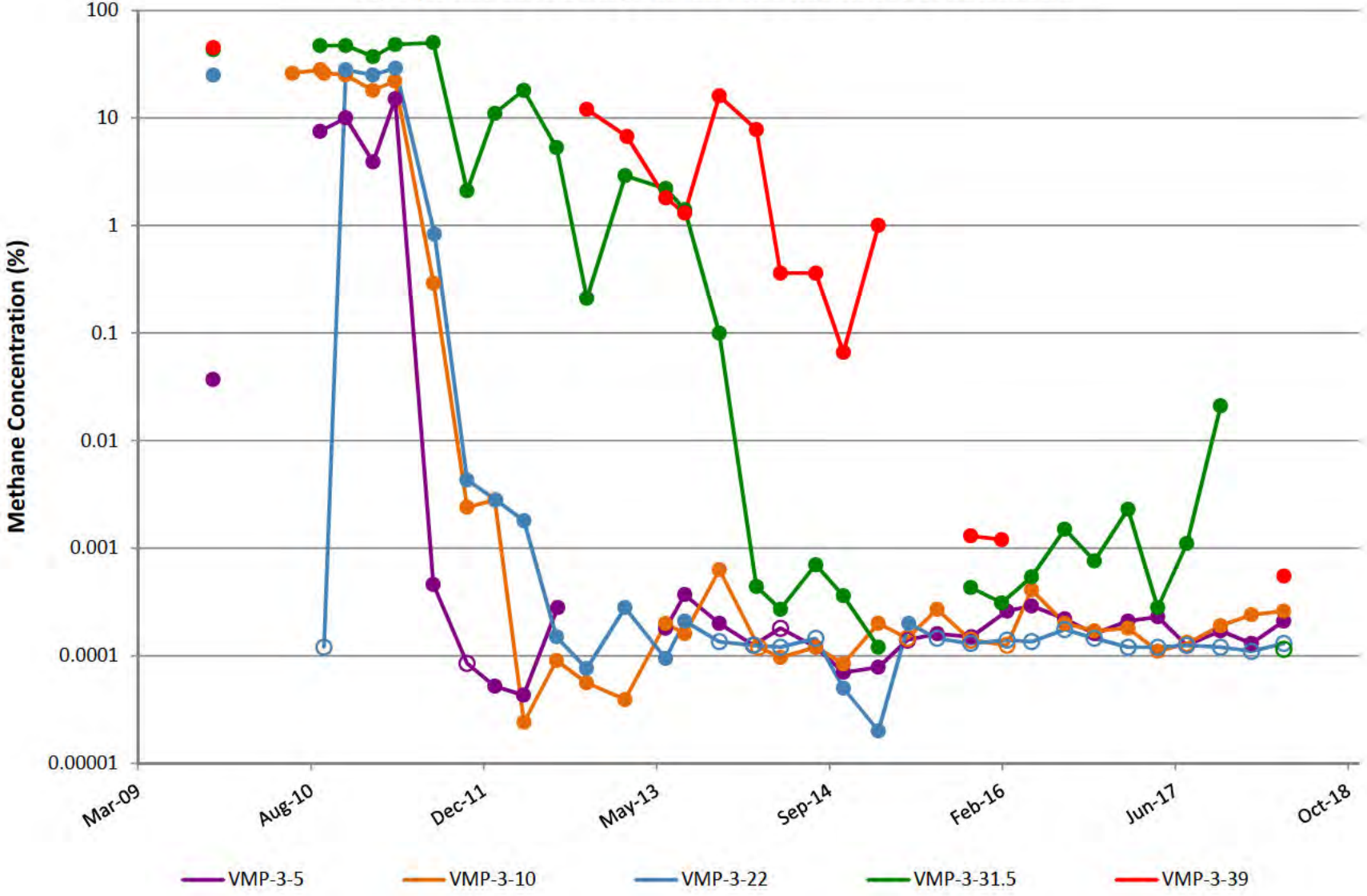
VMP-2

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.



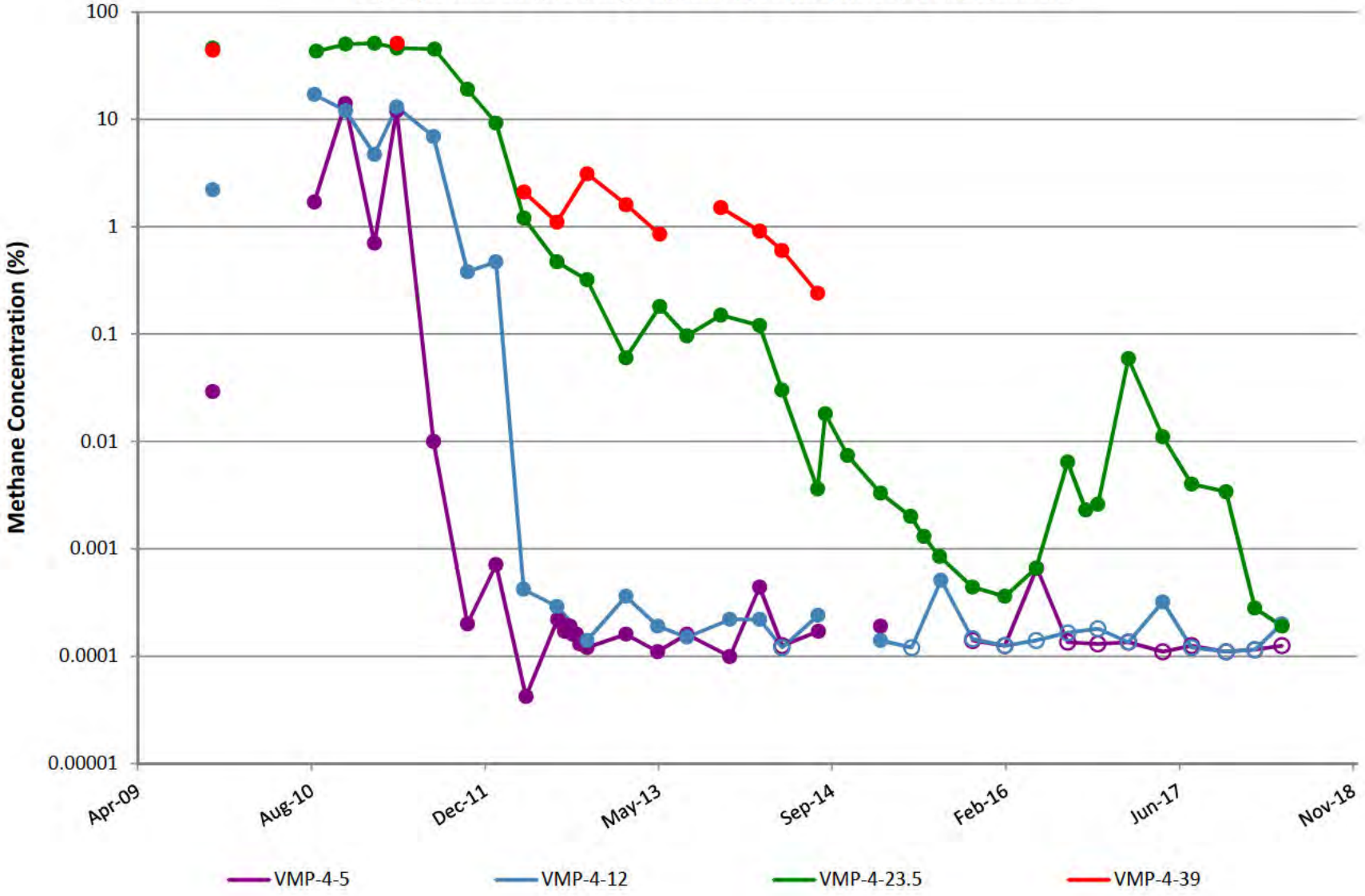
VMP-3

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.



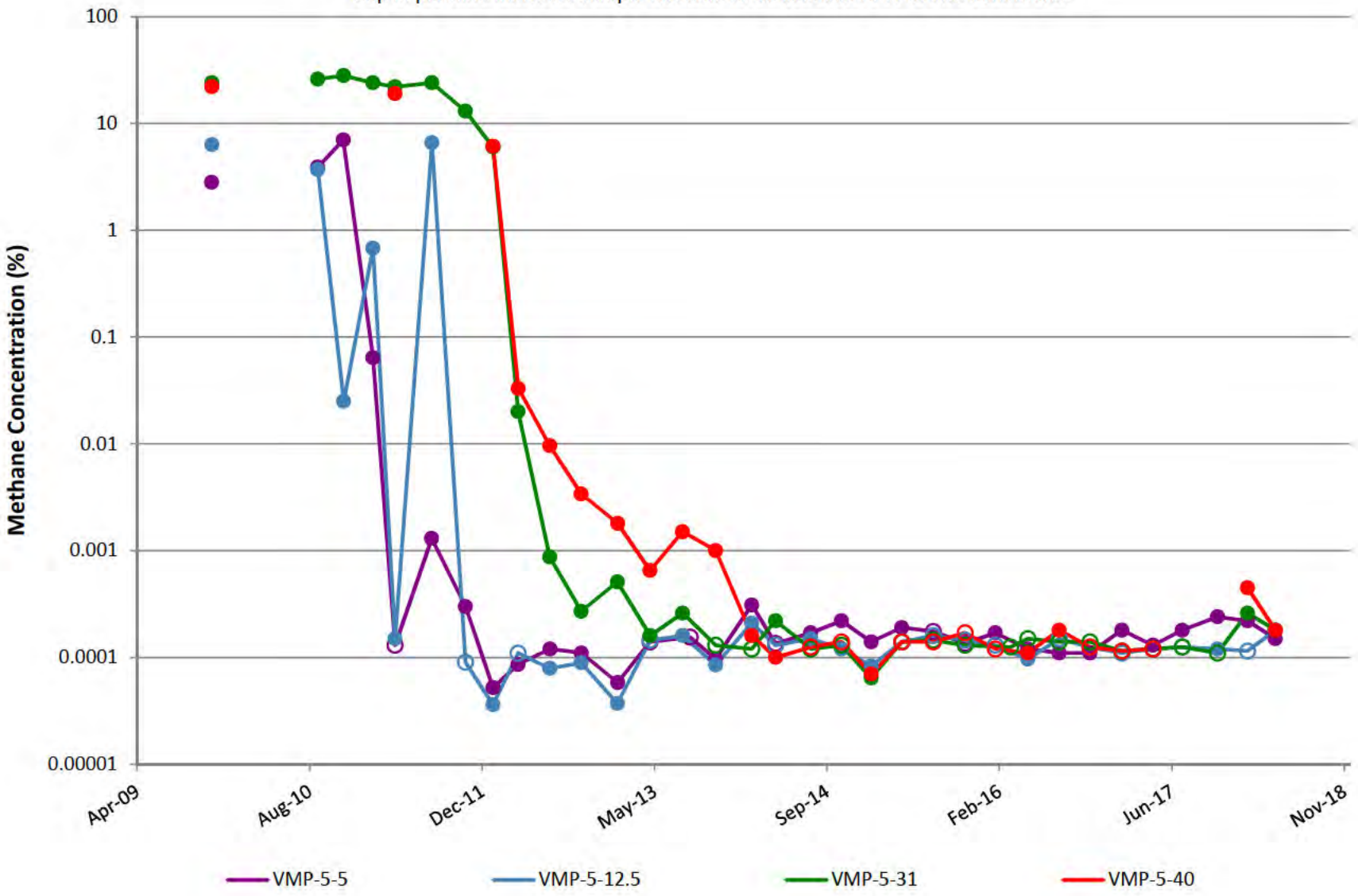
VMP-4

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.



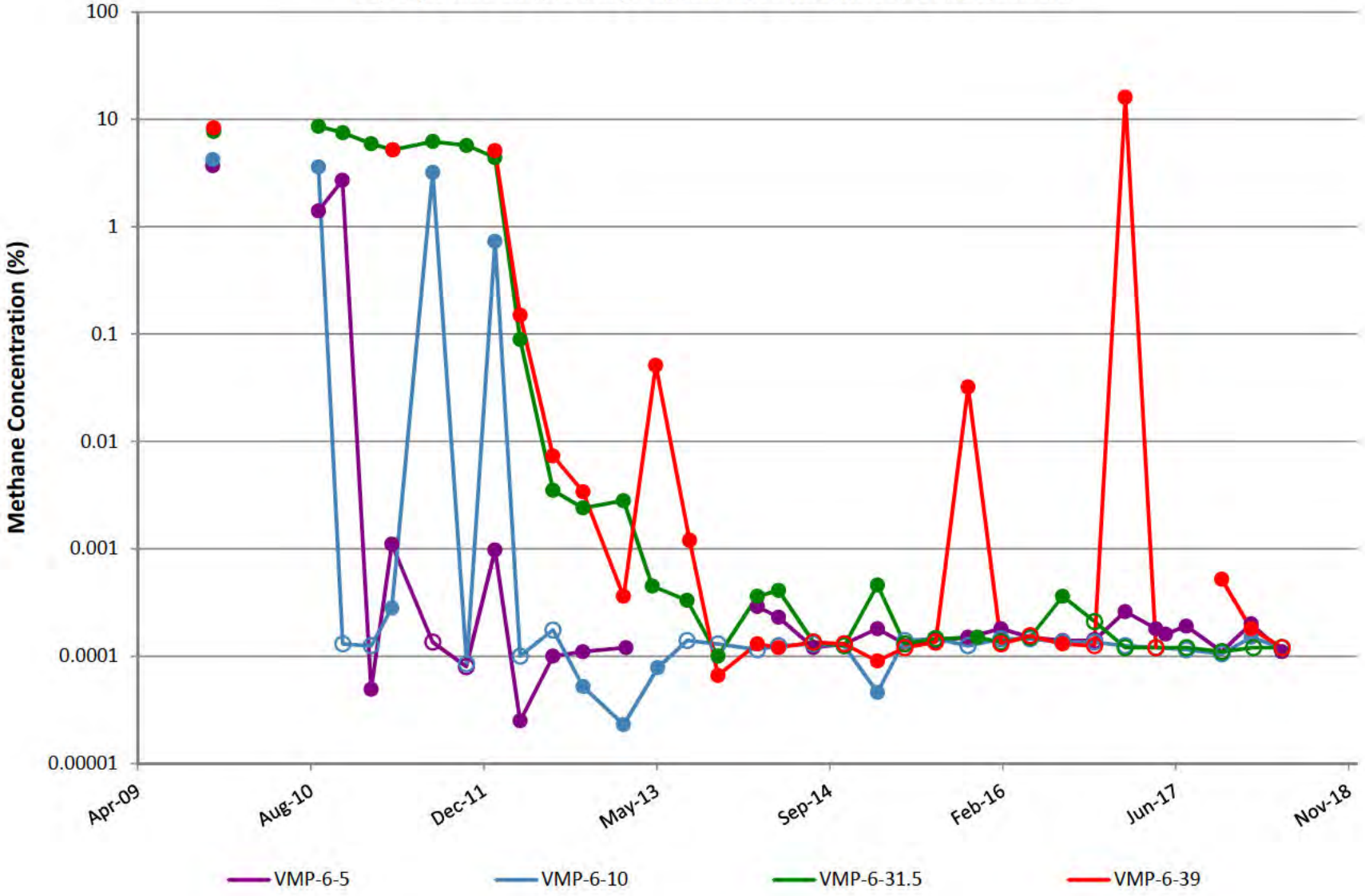
VMP-5

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.



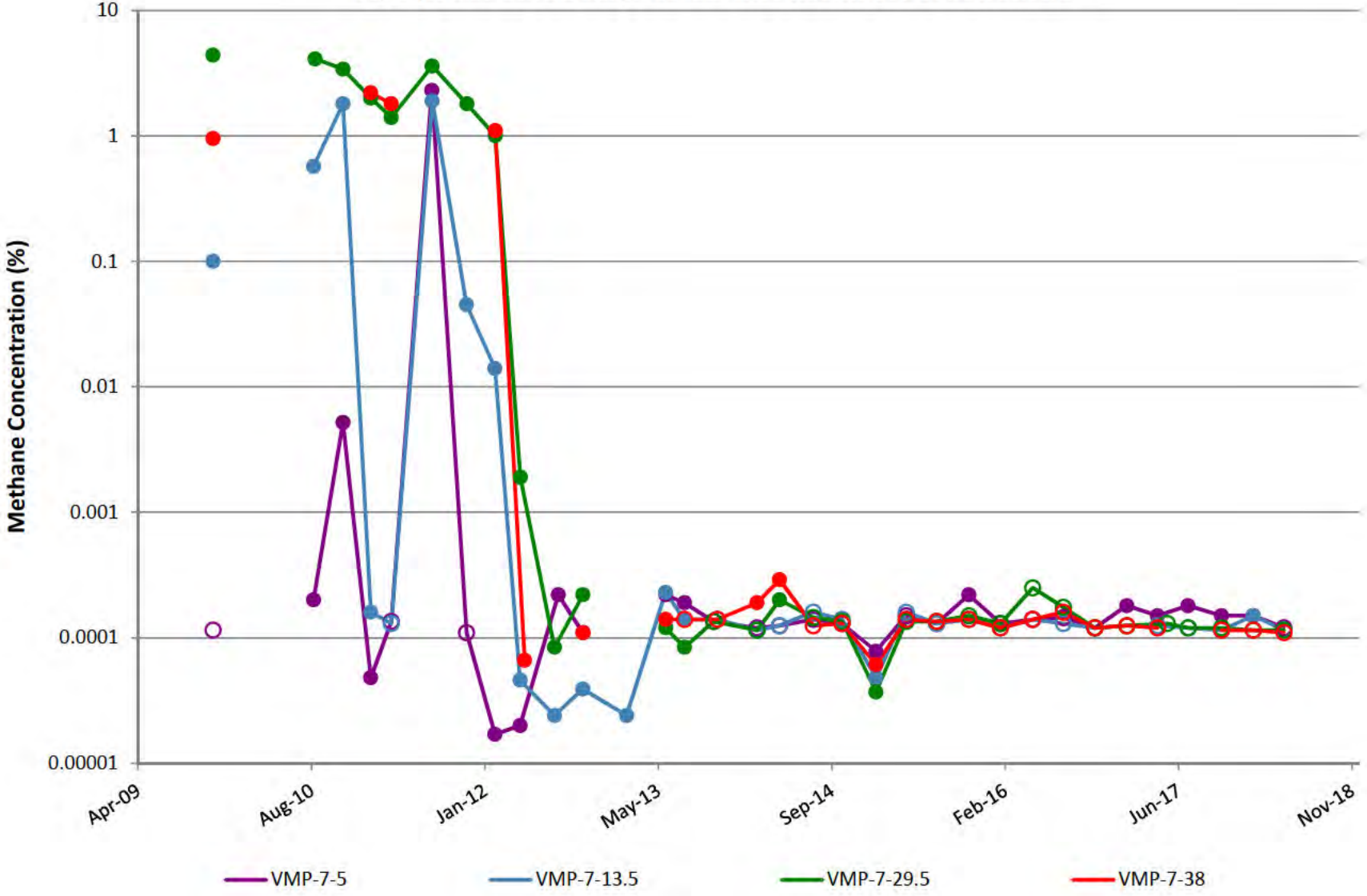
VMP-6

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.



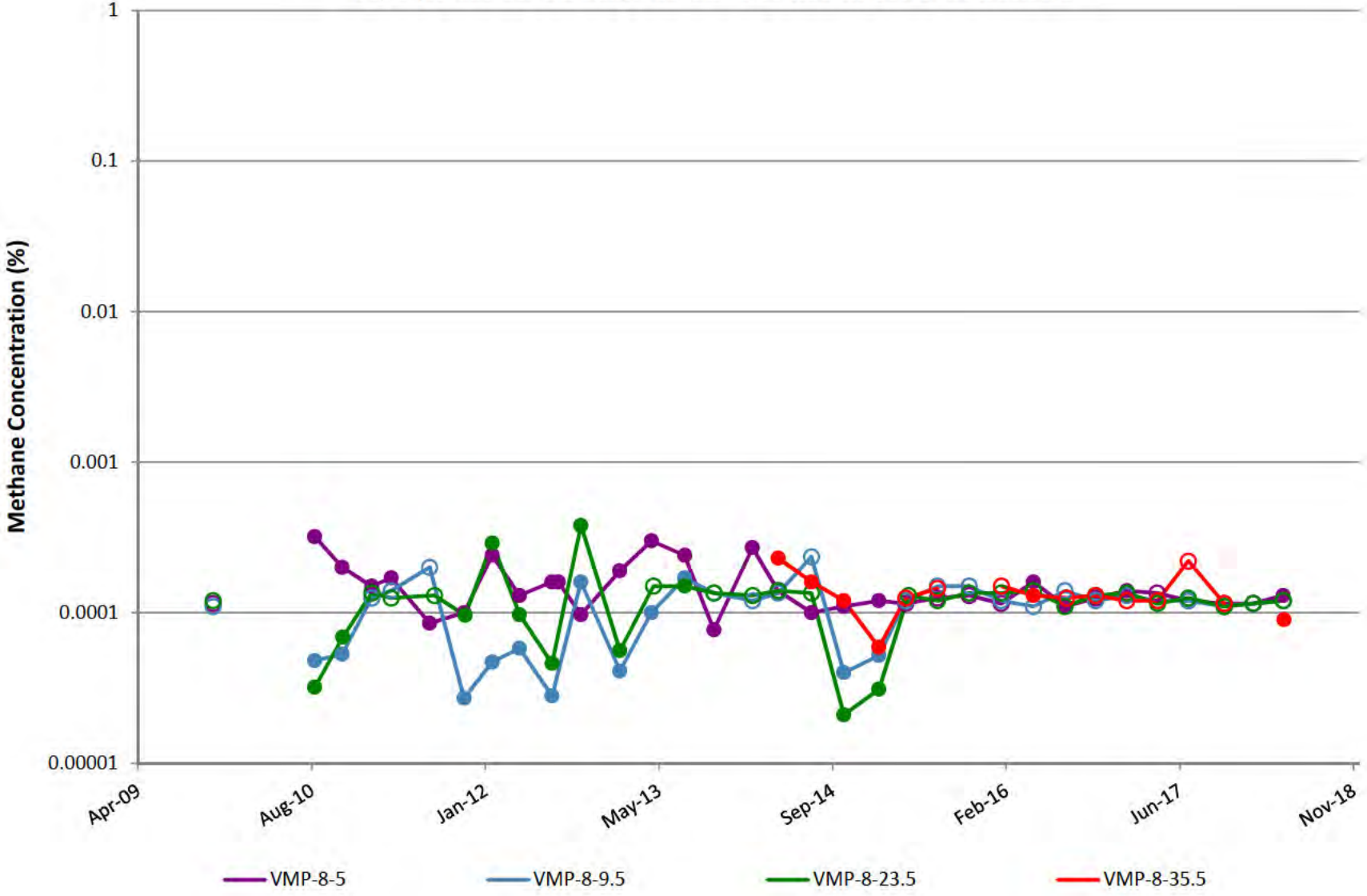
VMP-7

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.



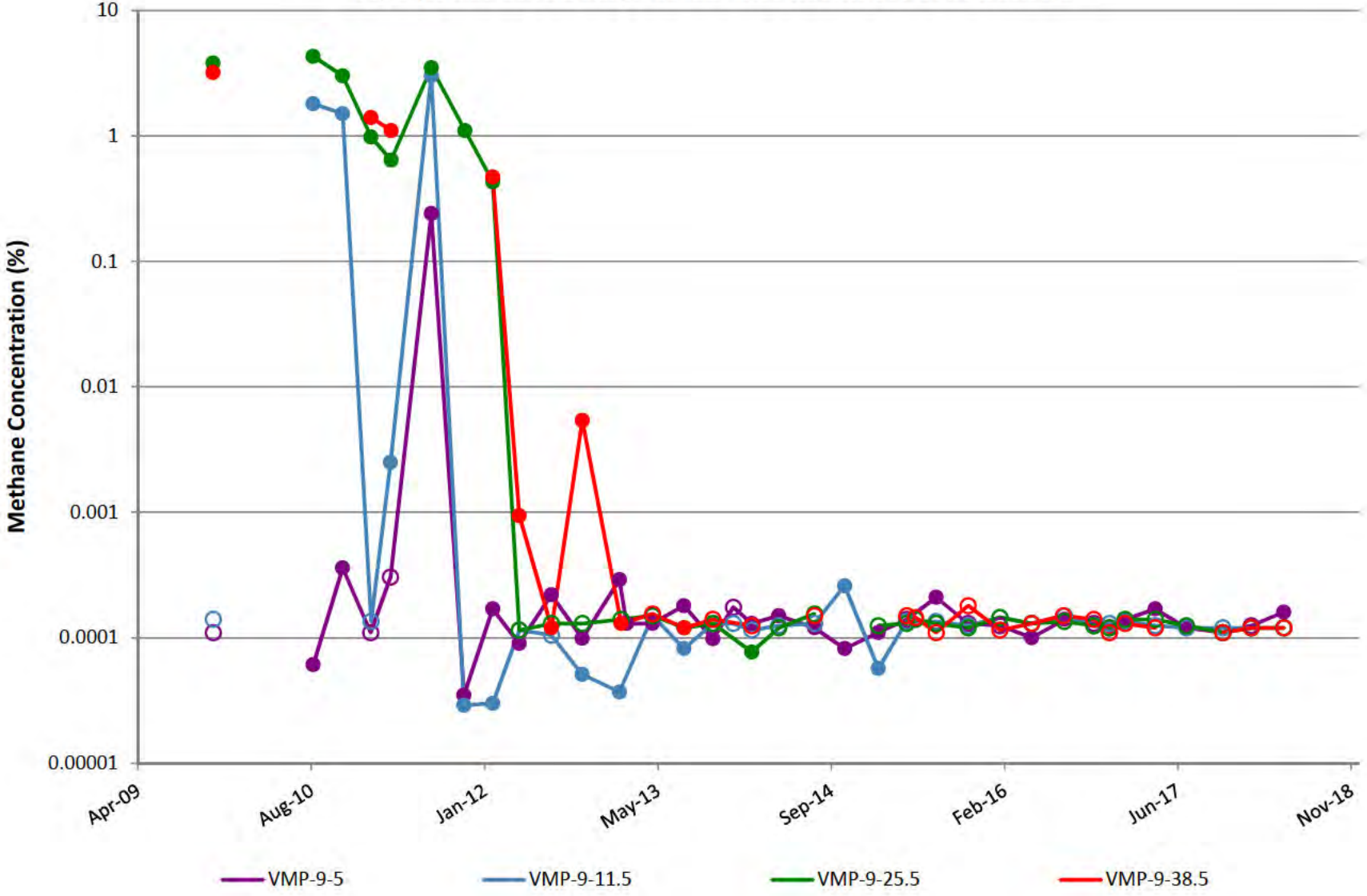
VMP-8

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.



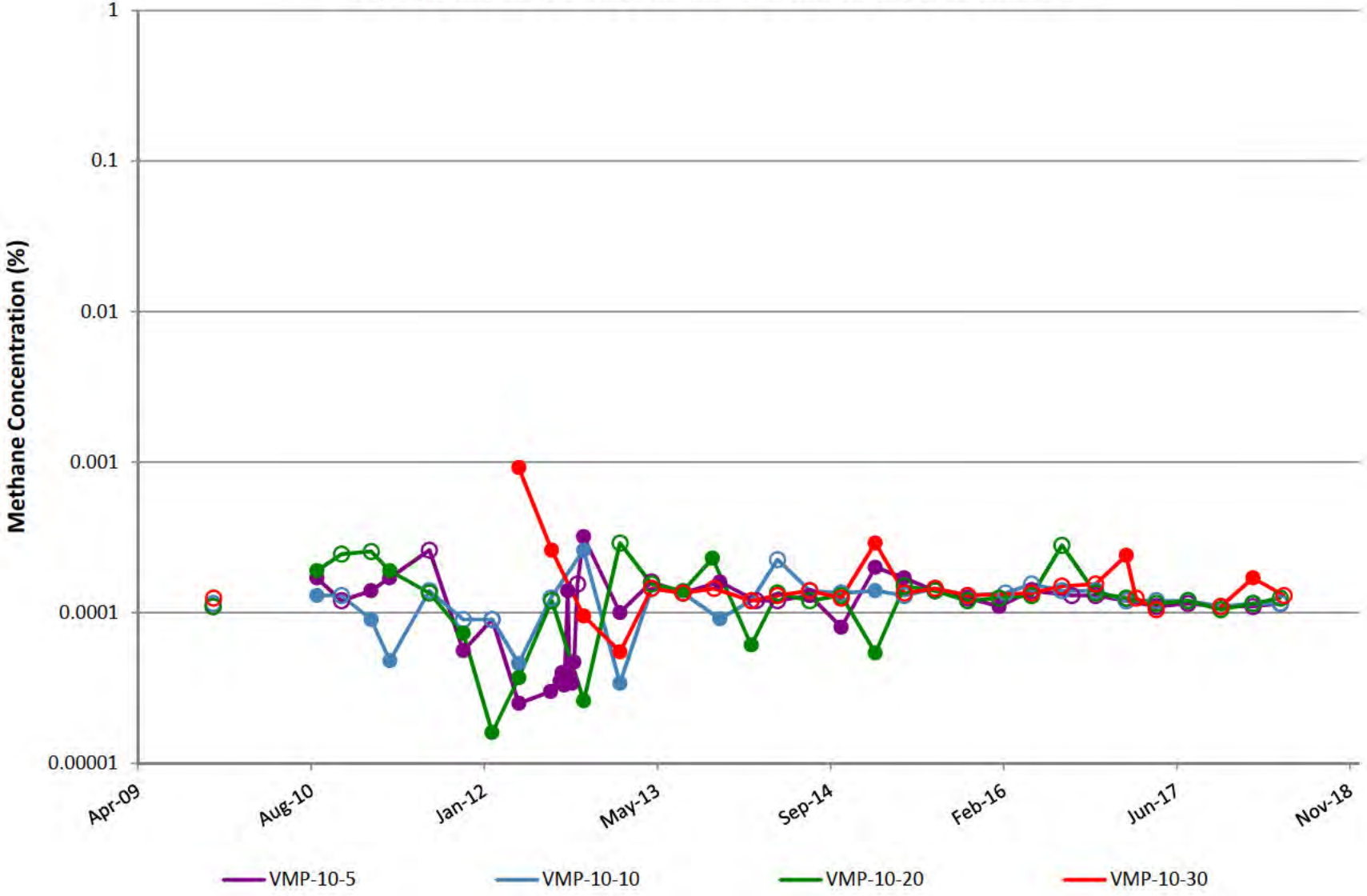
VMP-9

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.



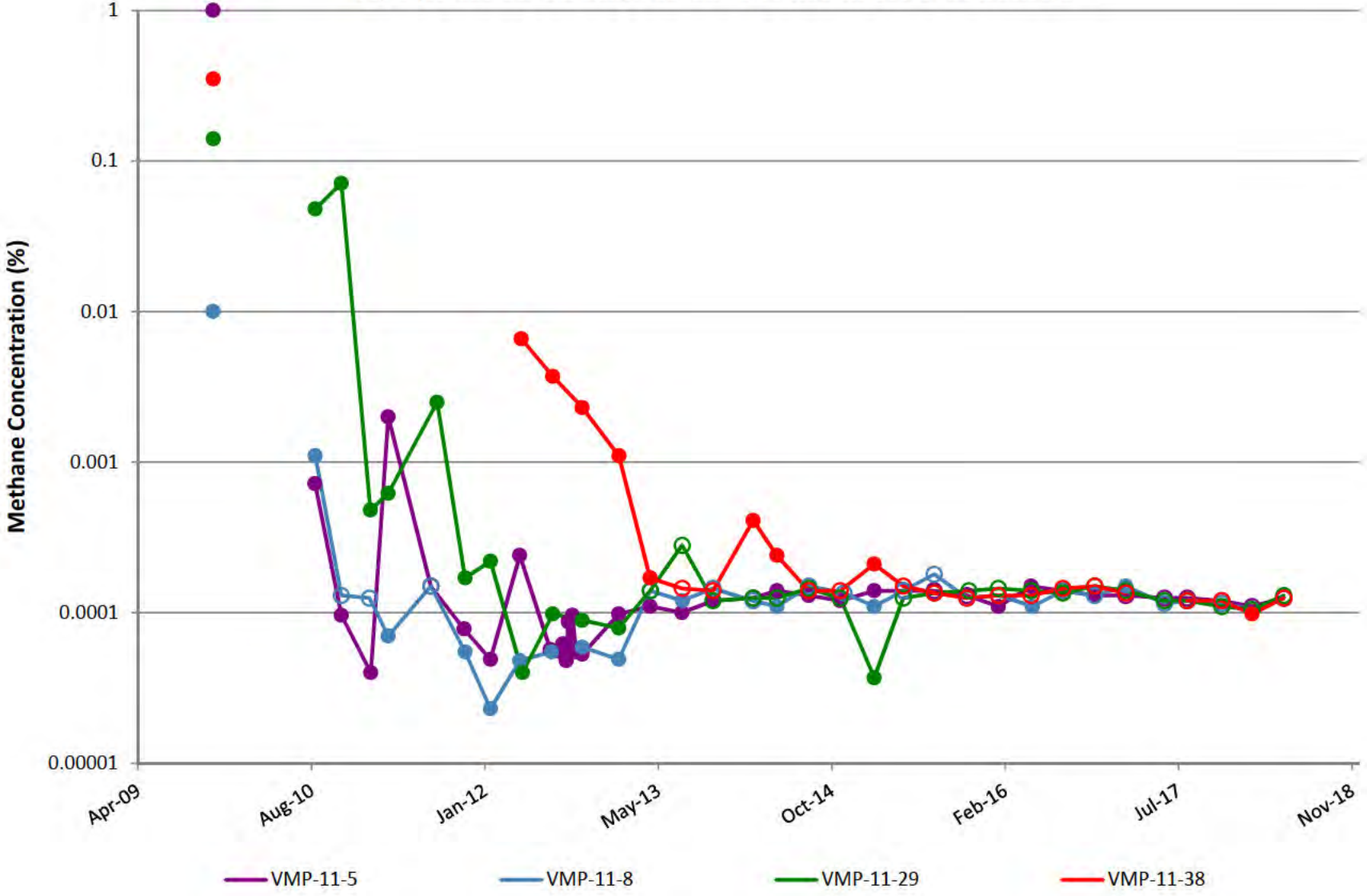
VMP-10

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.



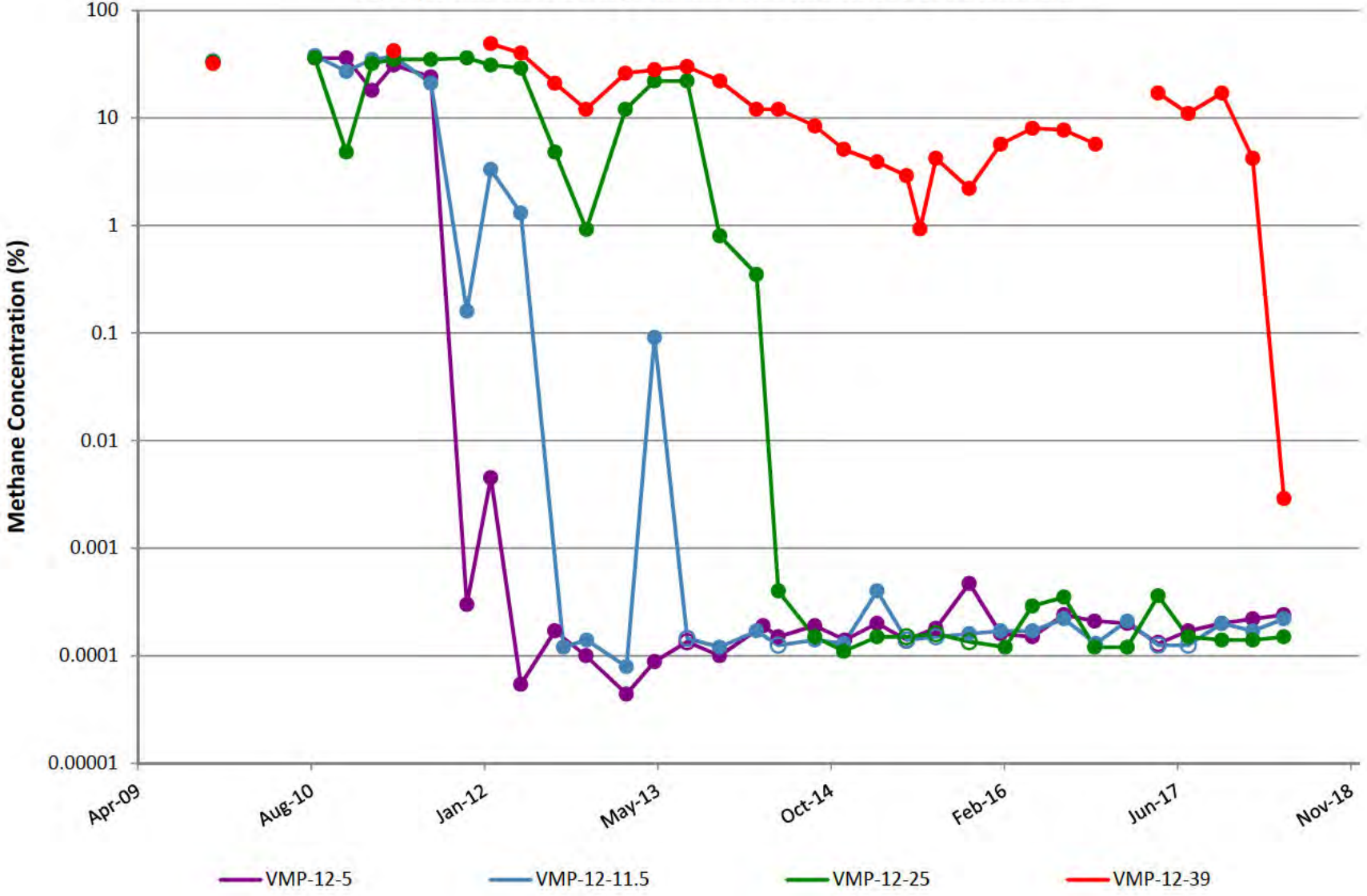
VMP-11

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.



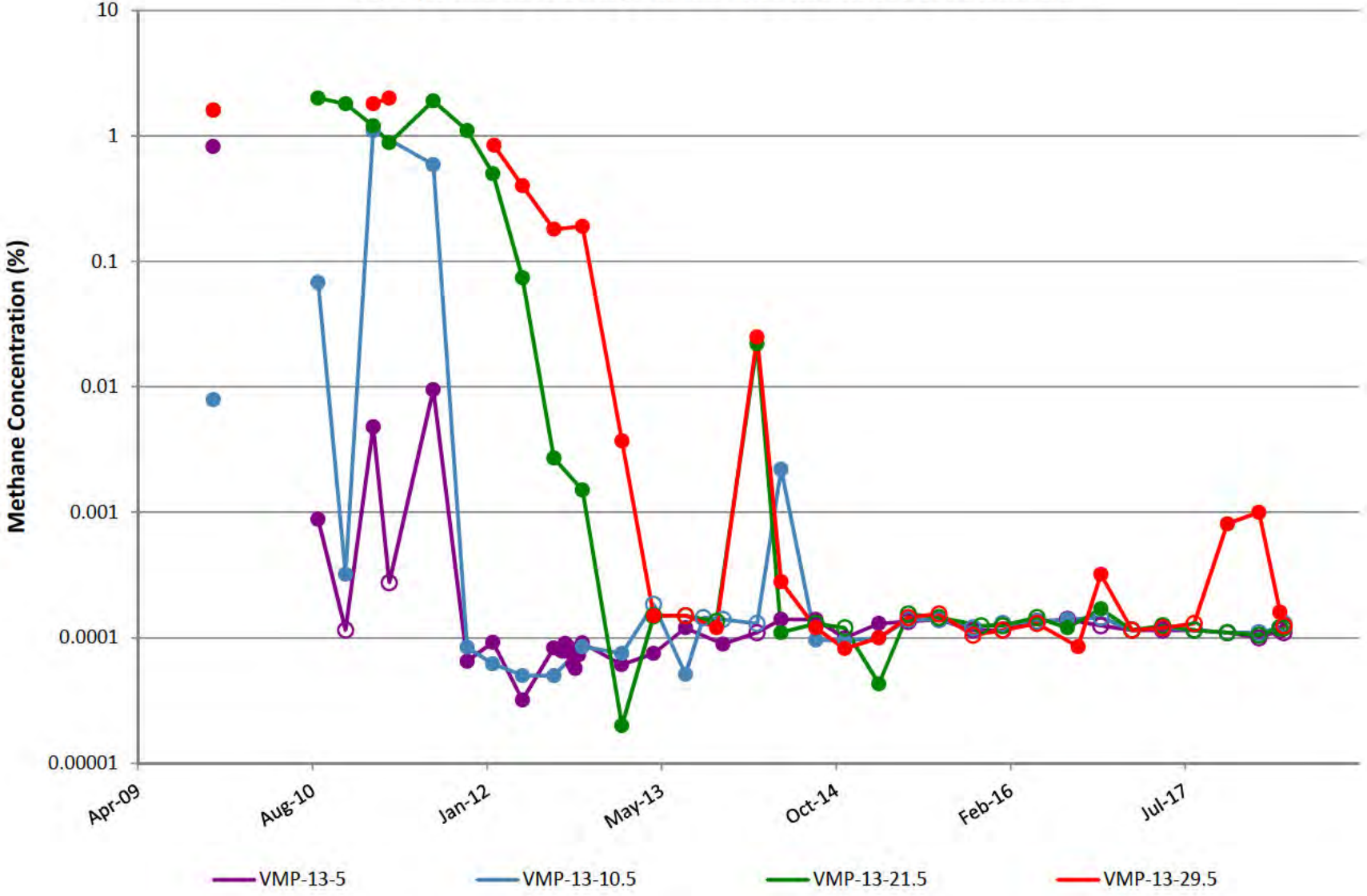
VMP-12

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.



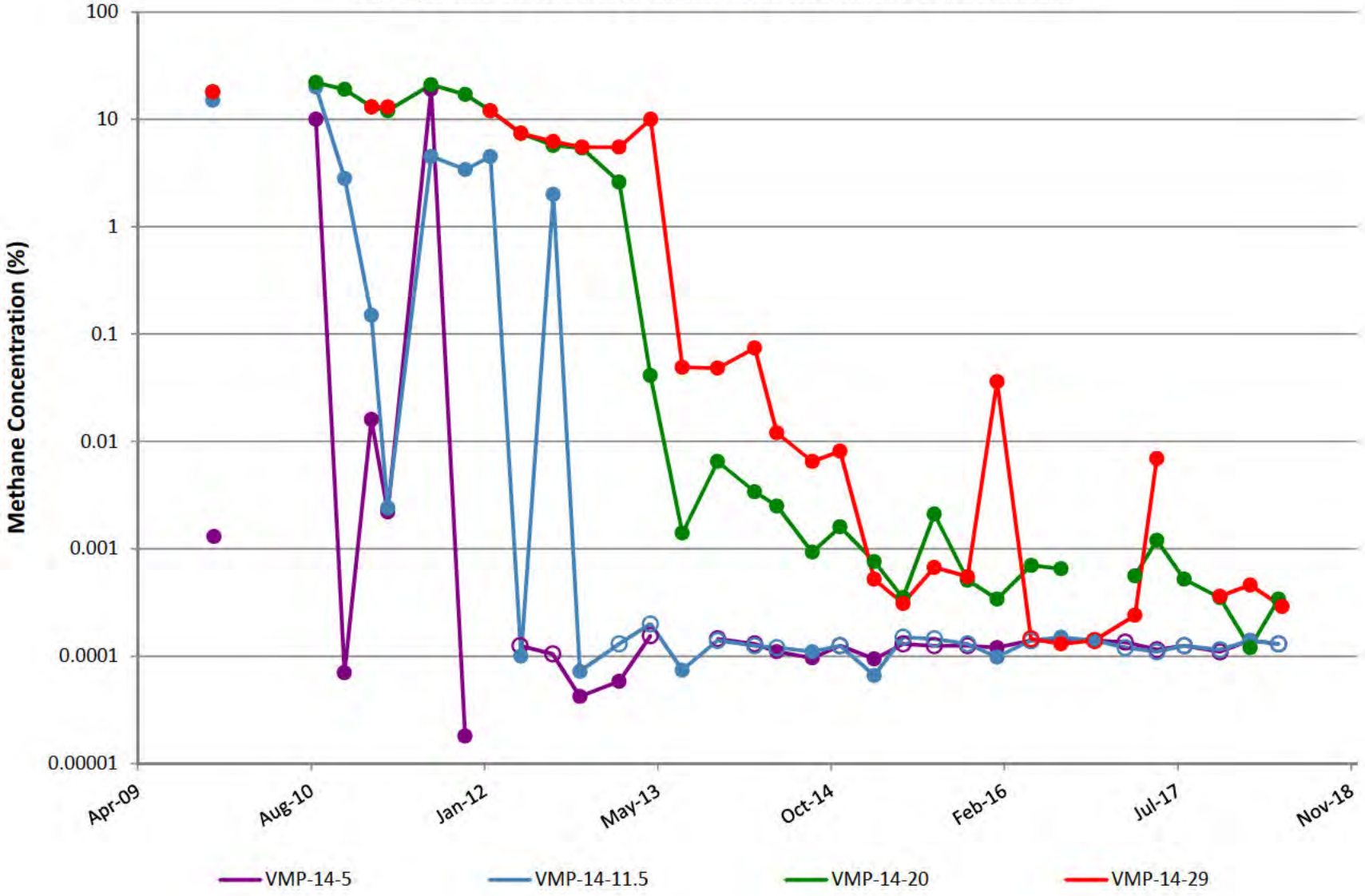
VMP-13

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.



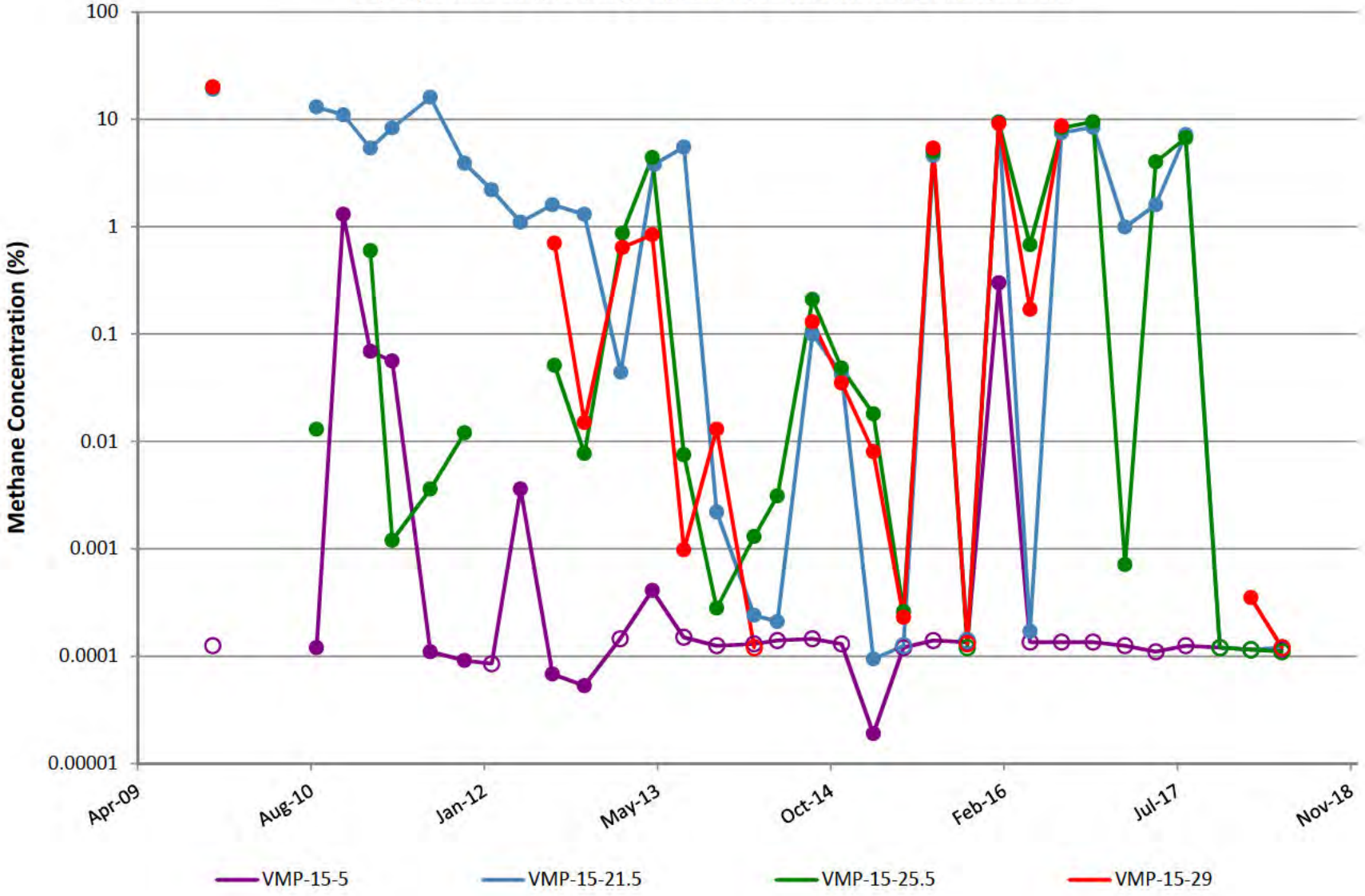
VMP-14

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.



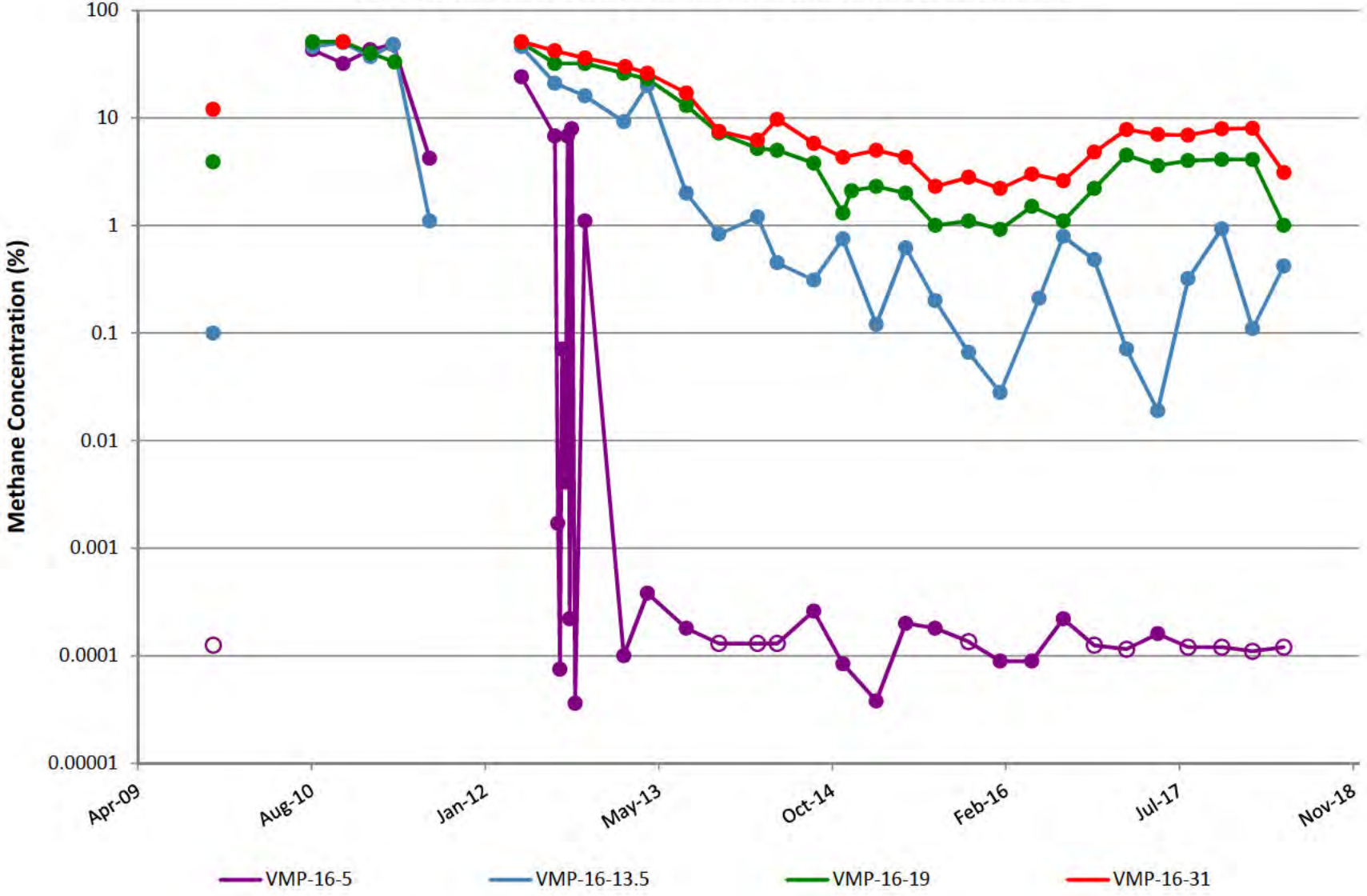
VMP-15

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.



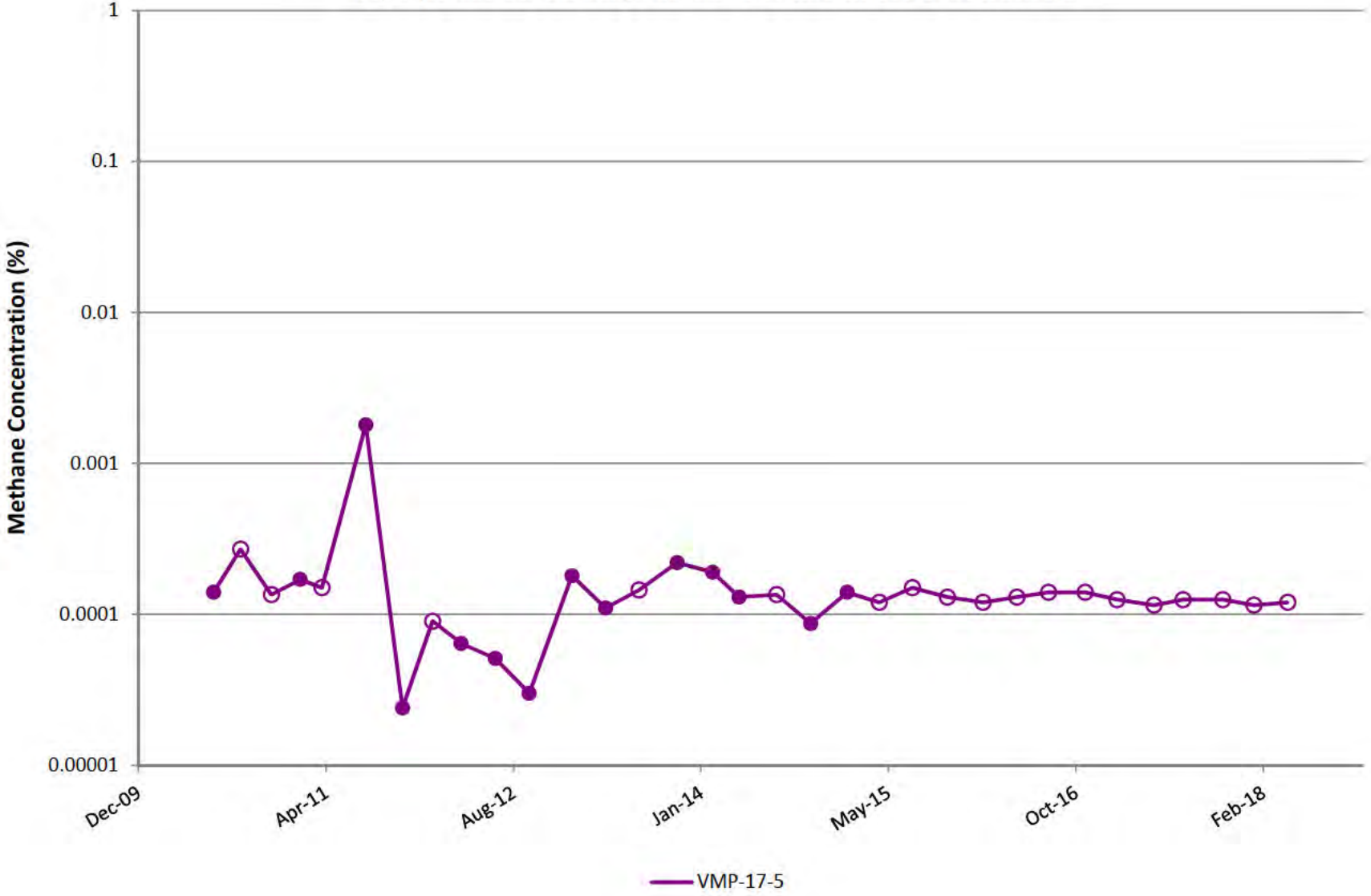
VMP-16

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.



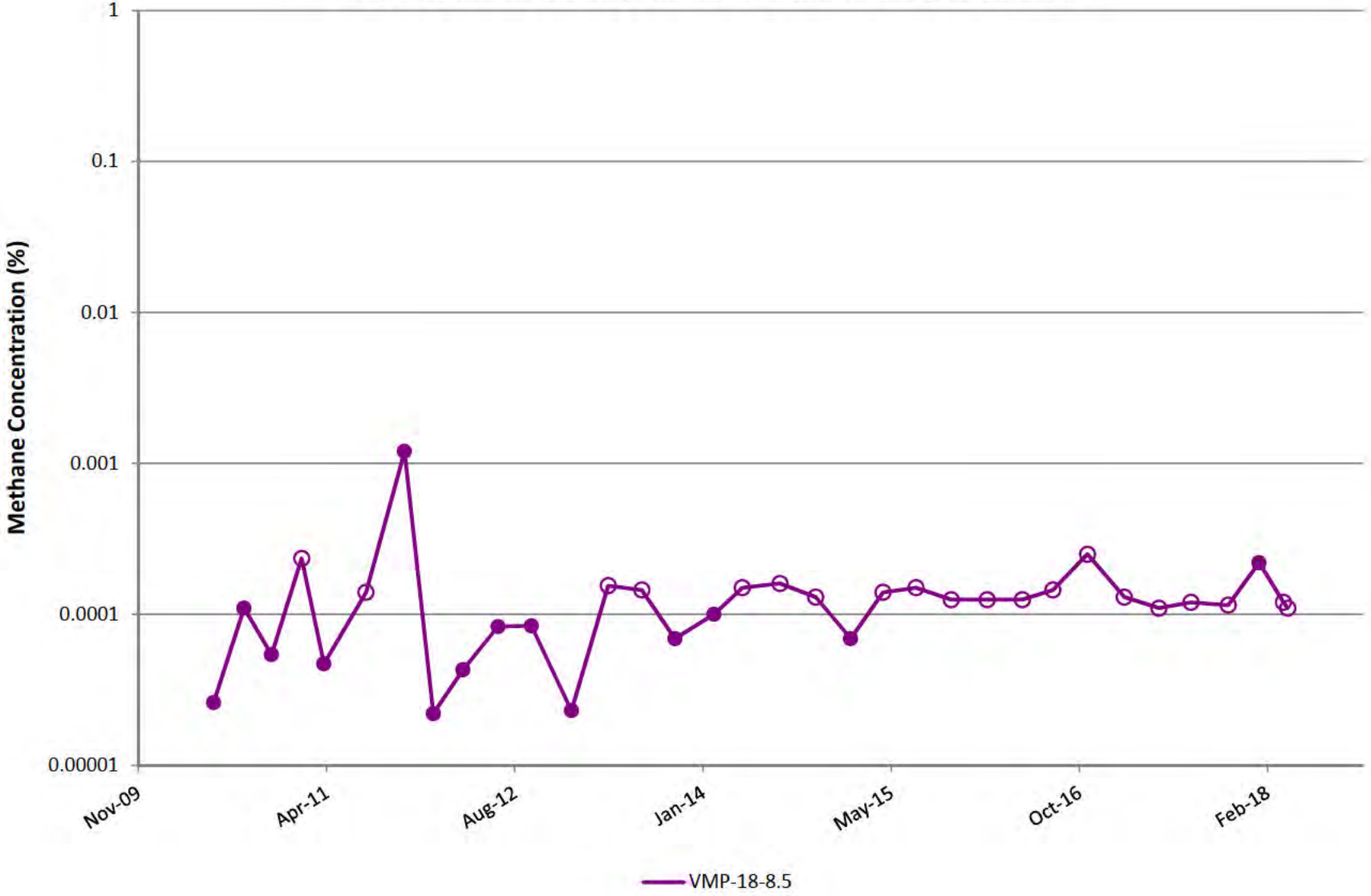
VMP-17

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.



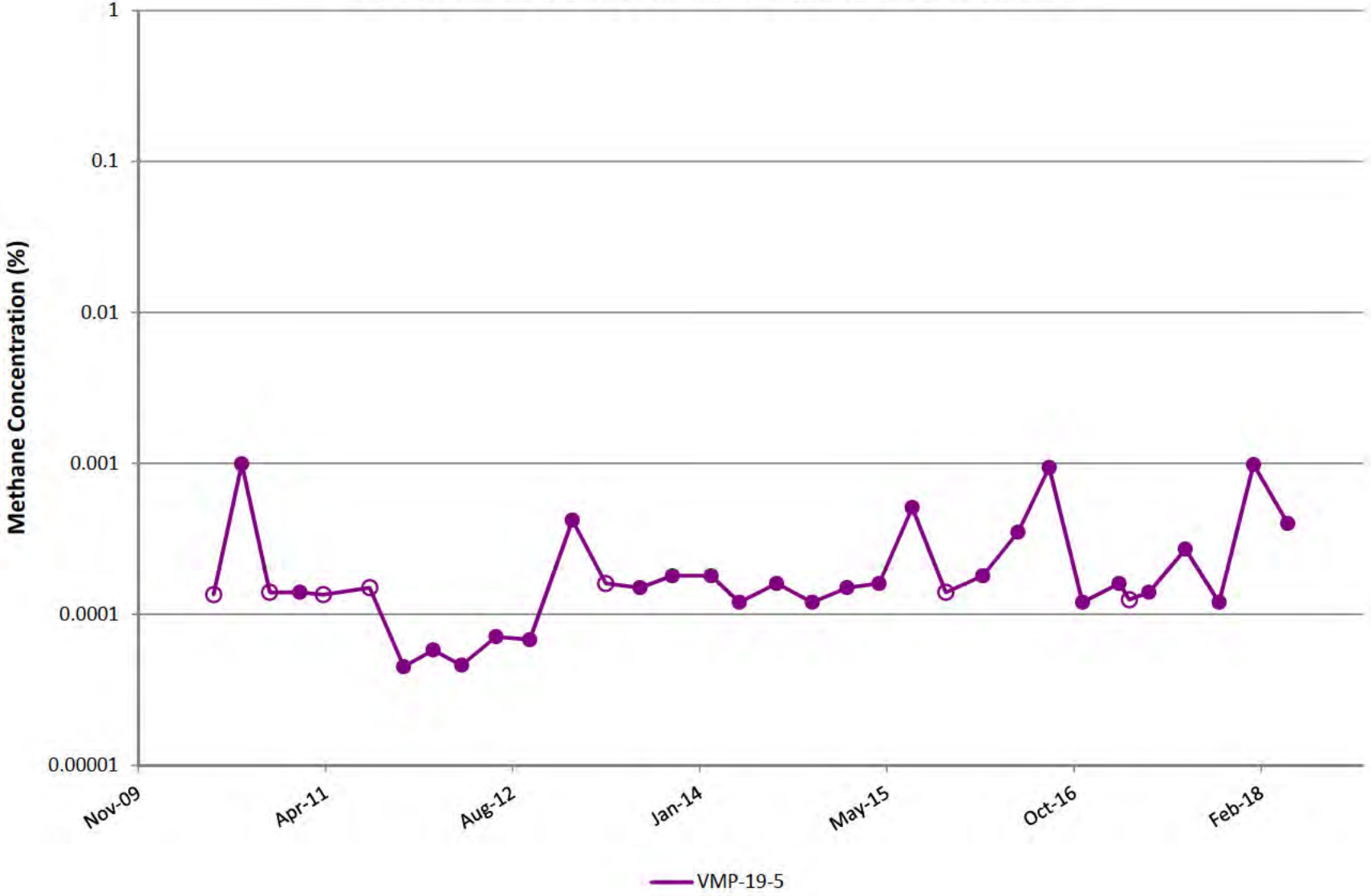
VMP-18

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.



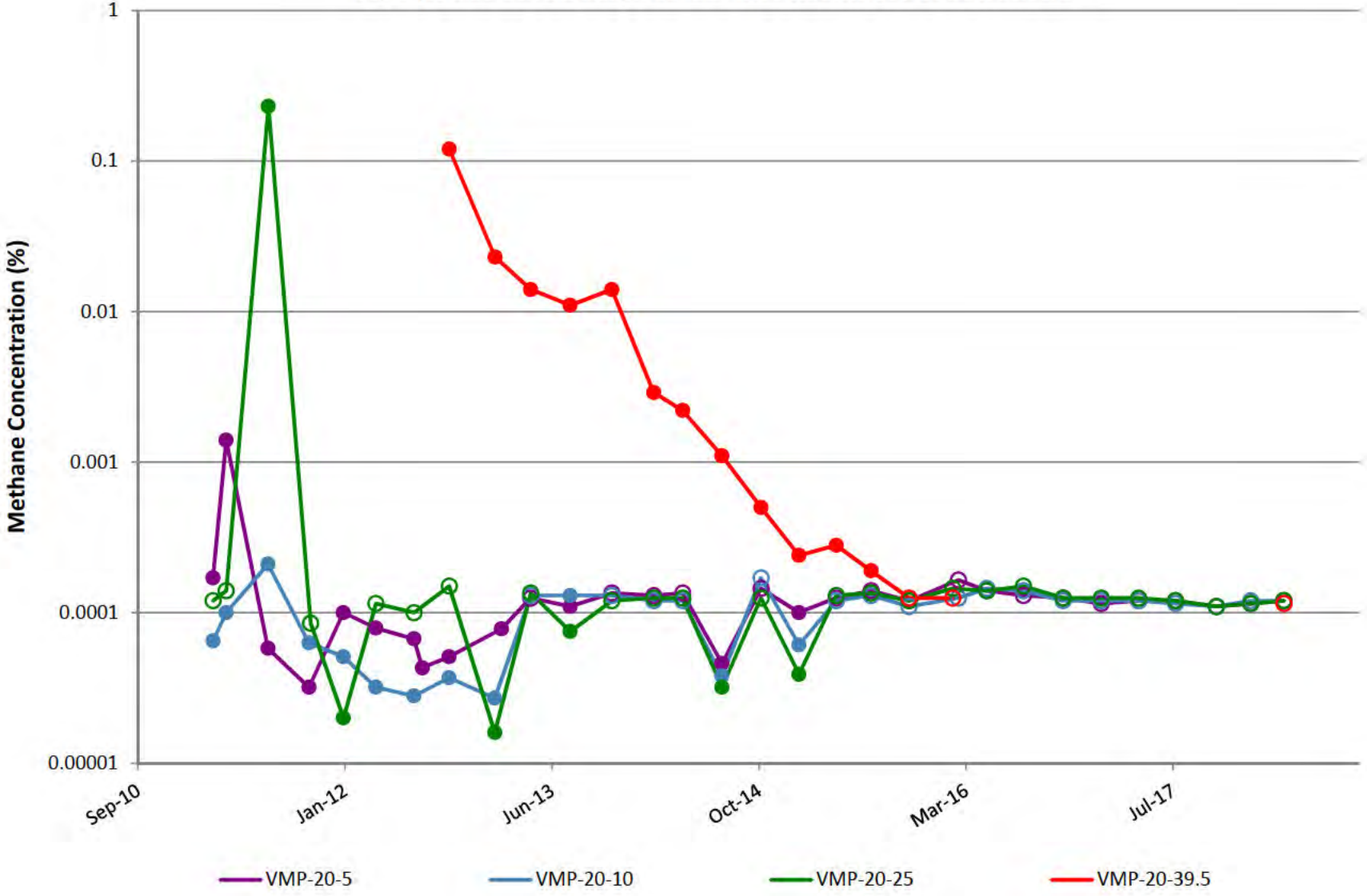
VMP-19

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.



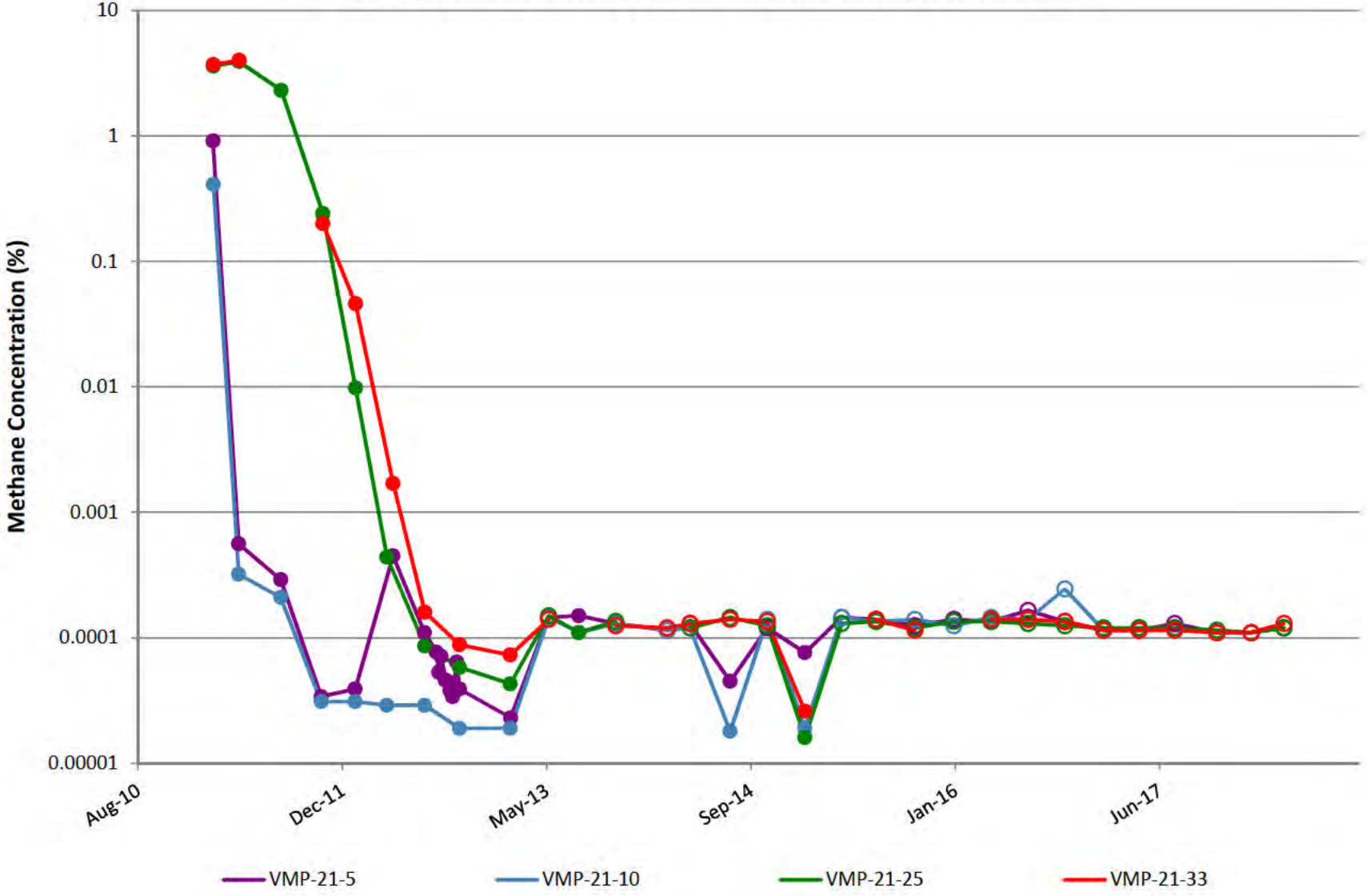
VMP-20

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.



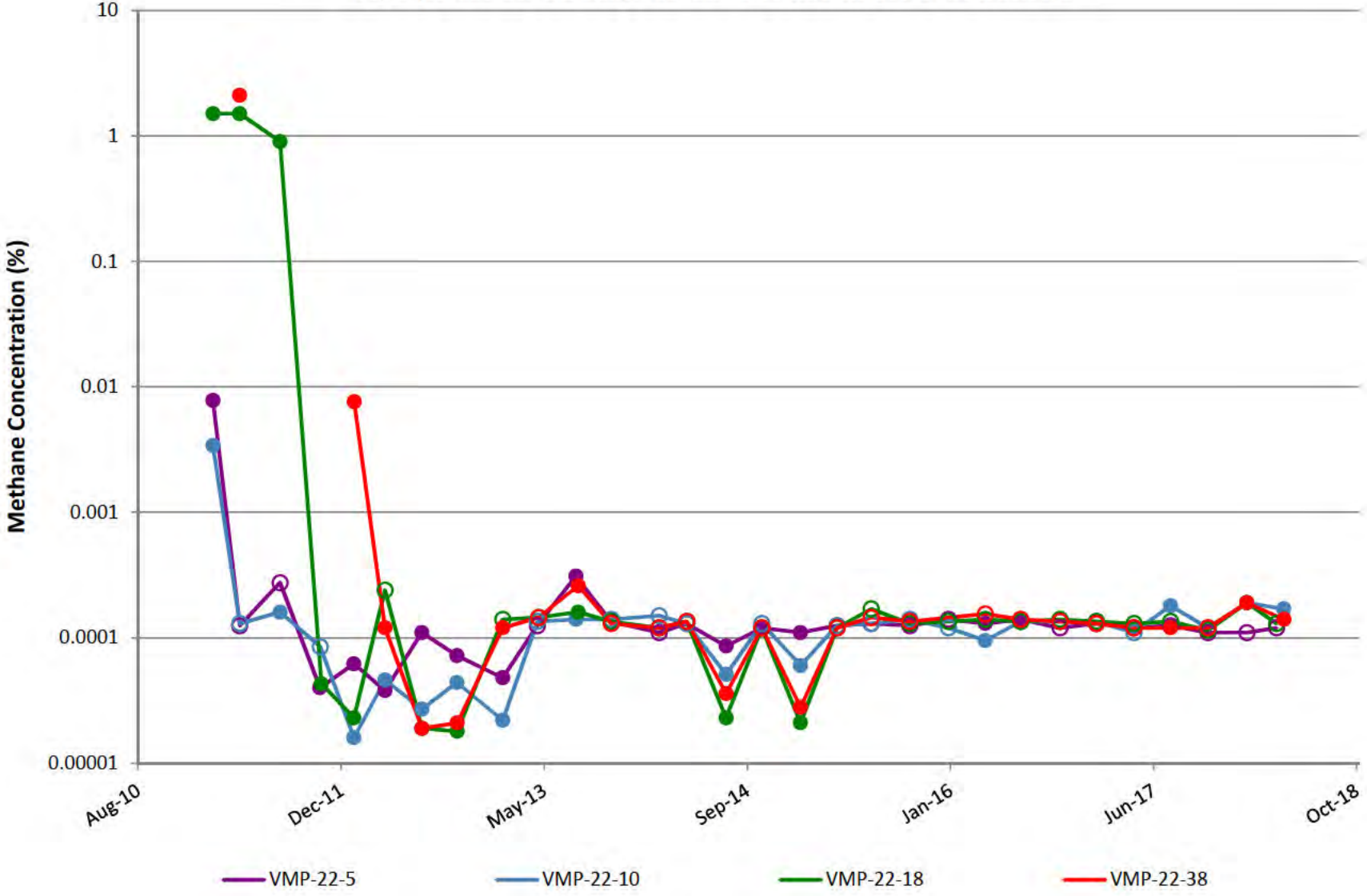
VMP-21

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.



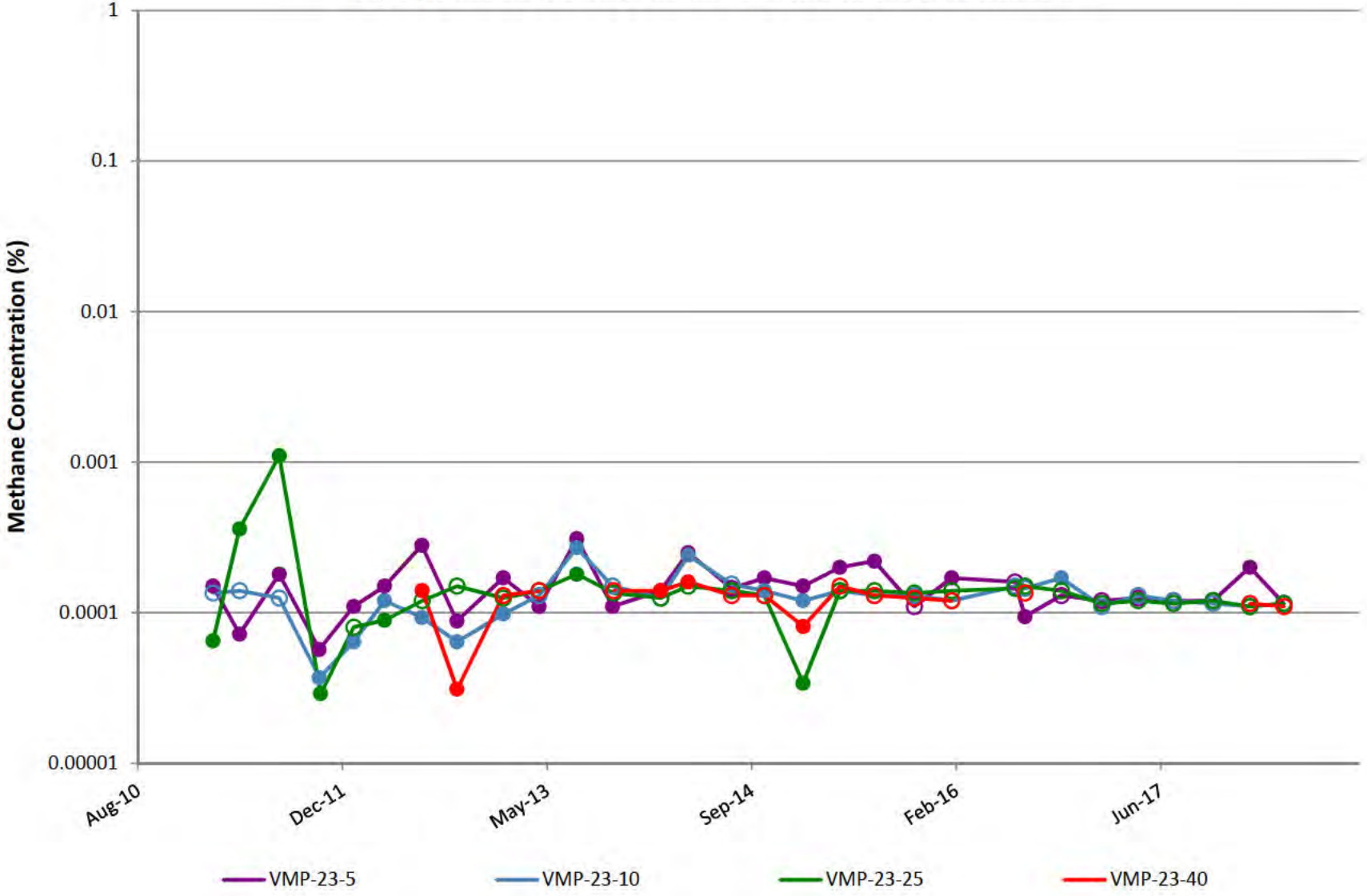
VMP-22

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.



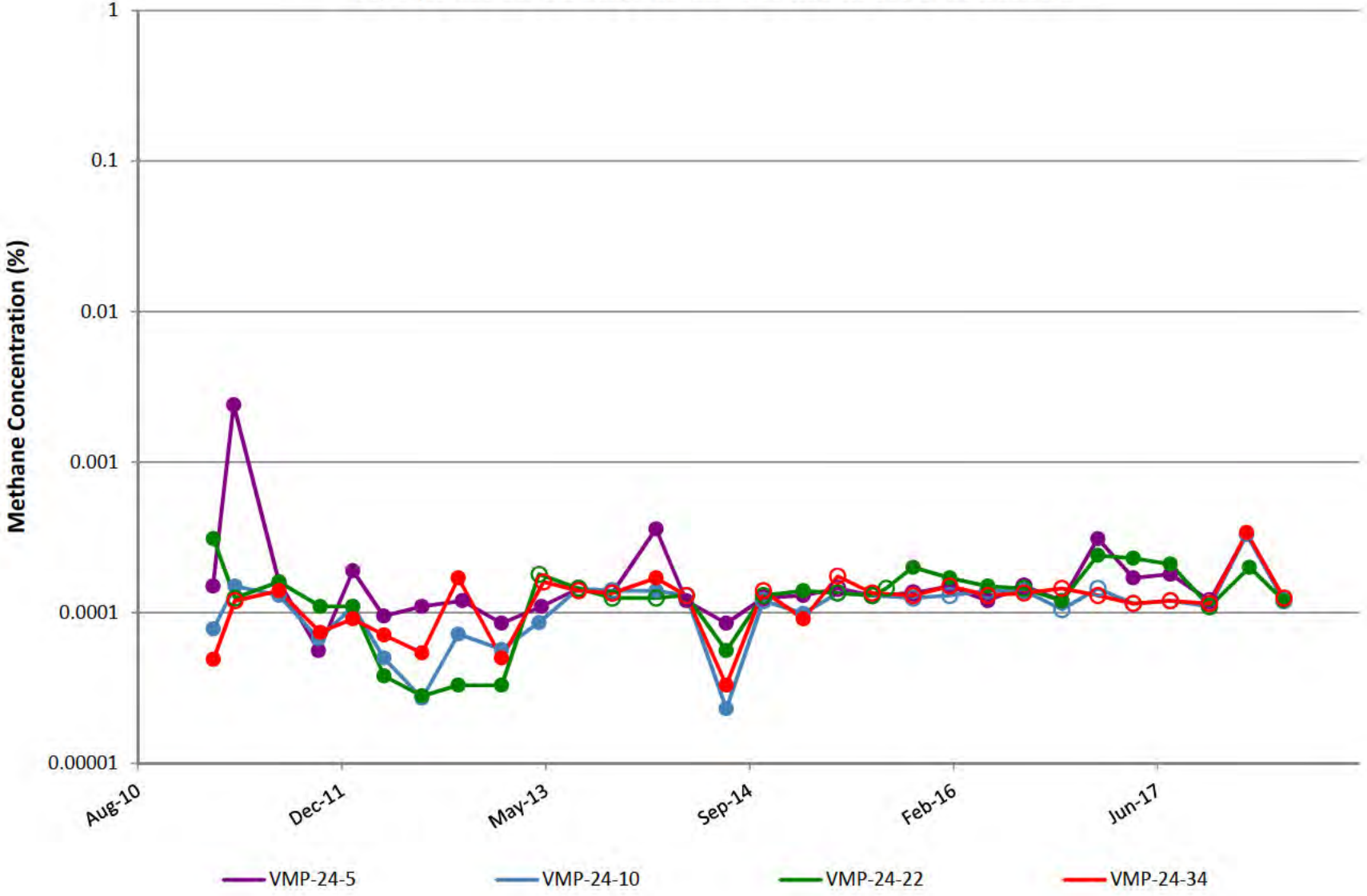
VMP-23

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.



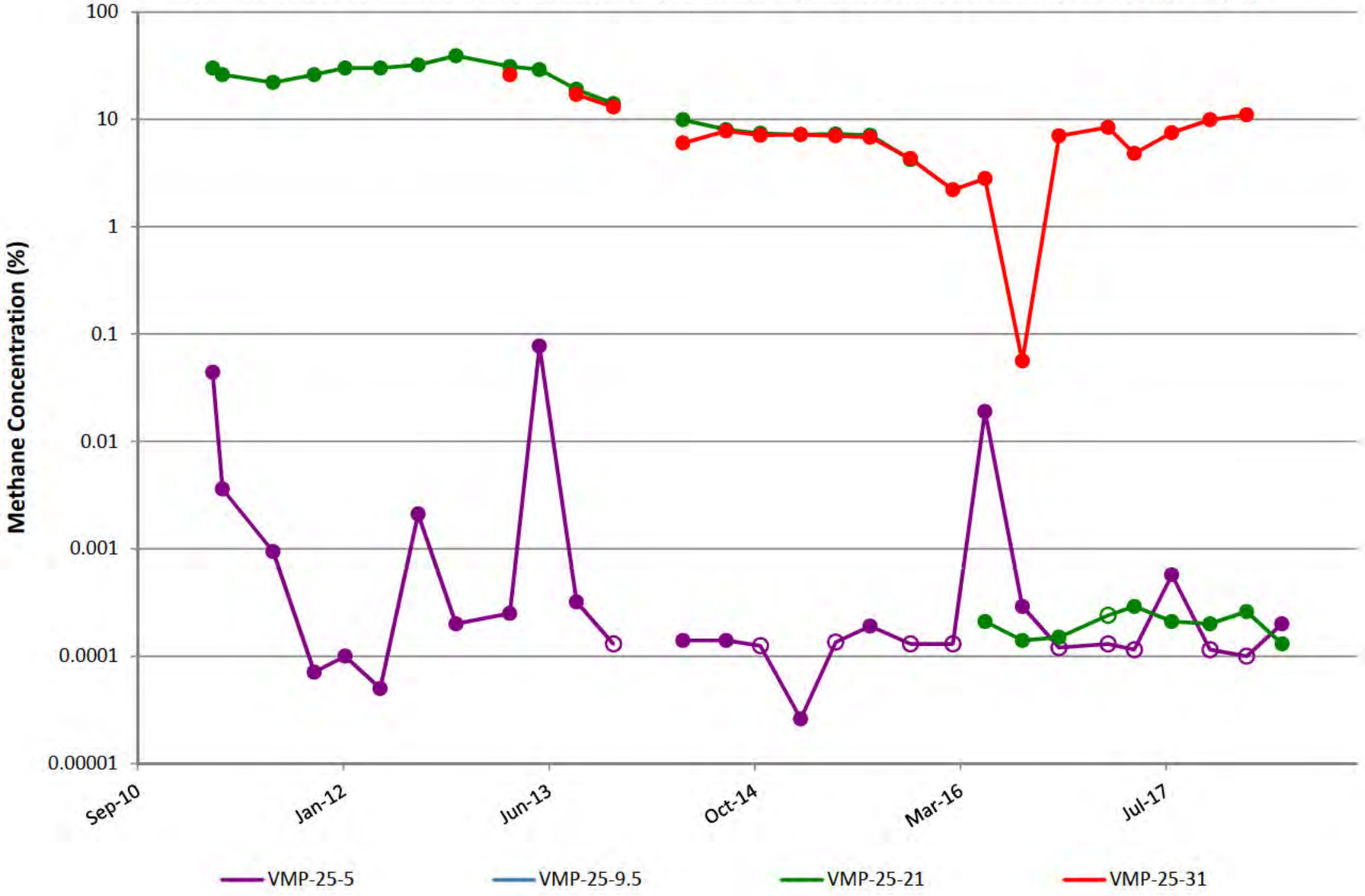
VMP-24

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.



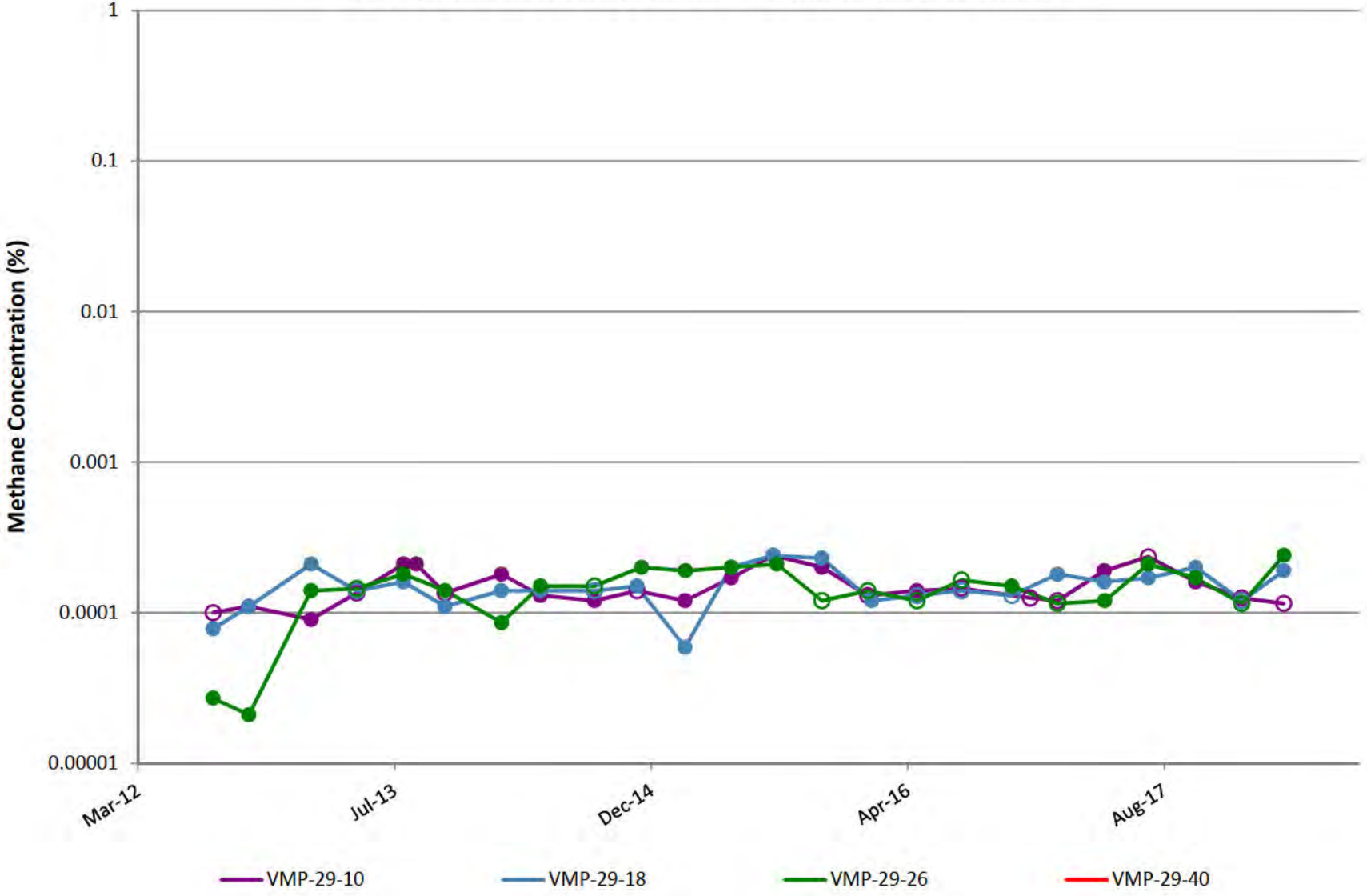
VMP-25

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.



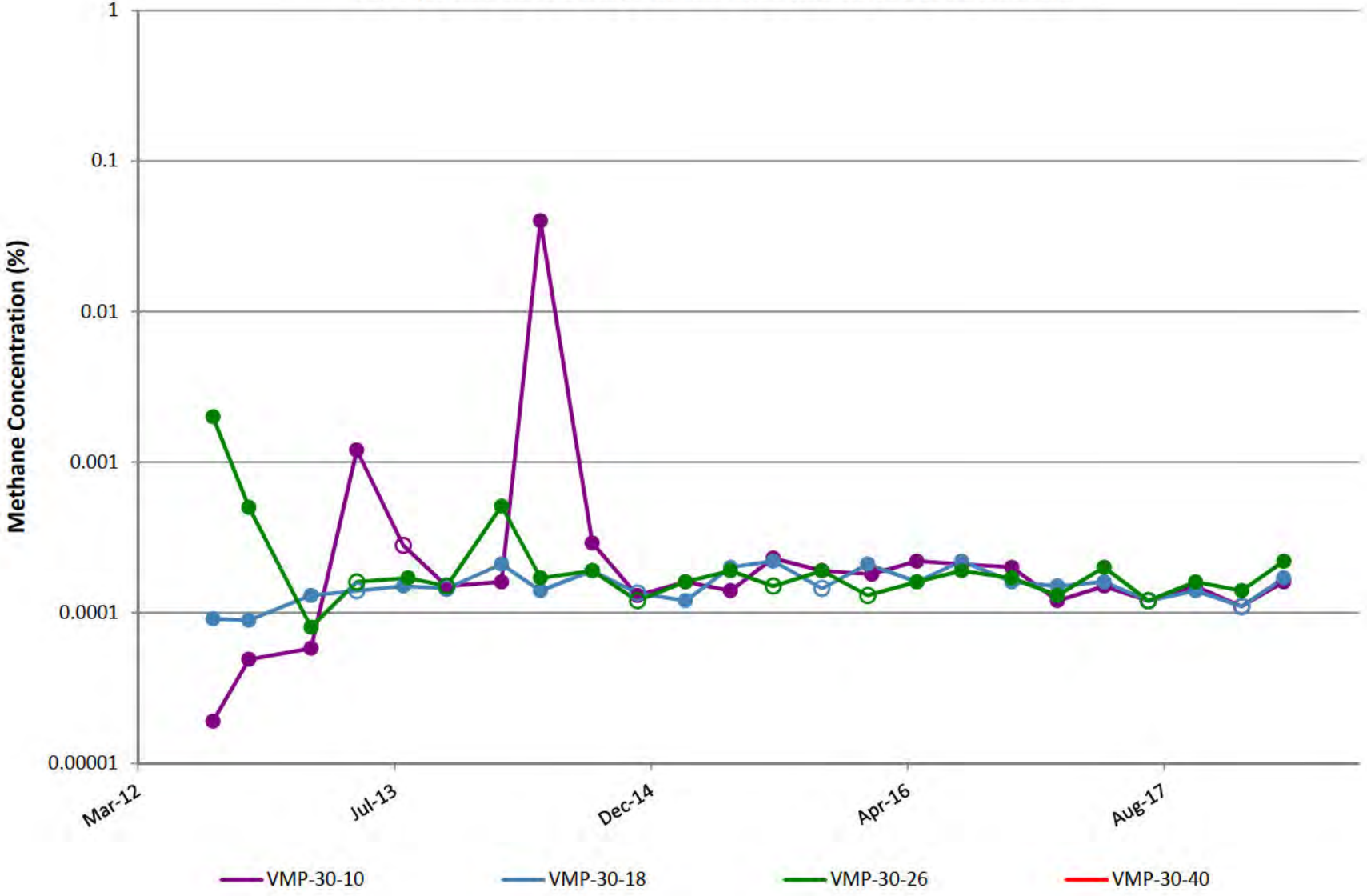
VMP-29

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.



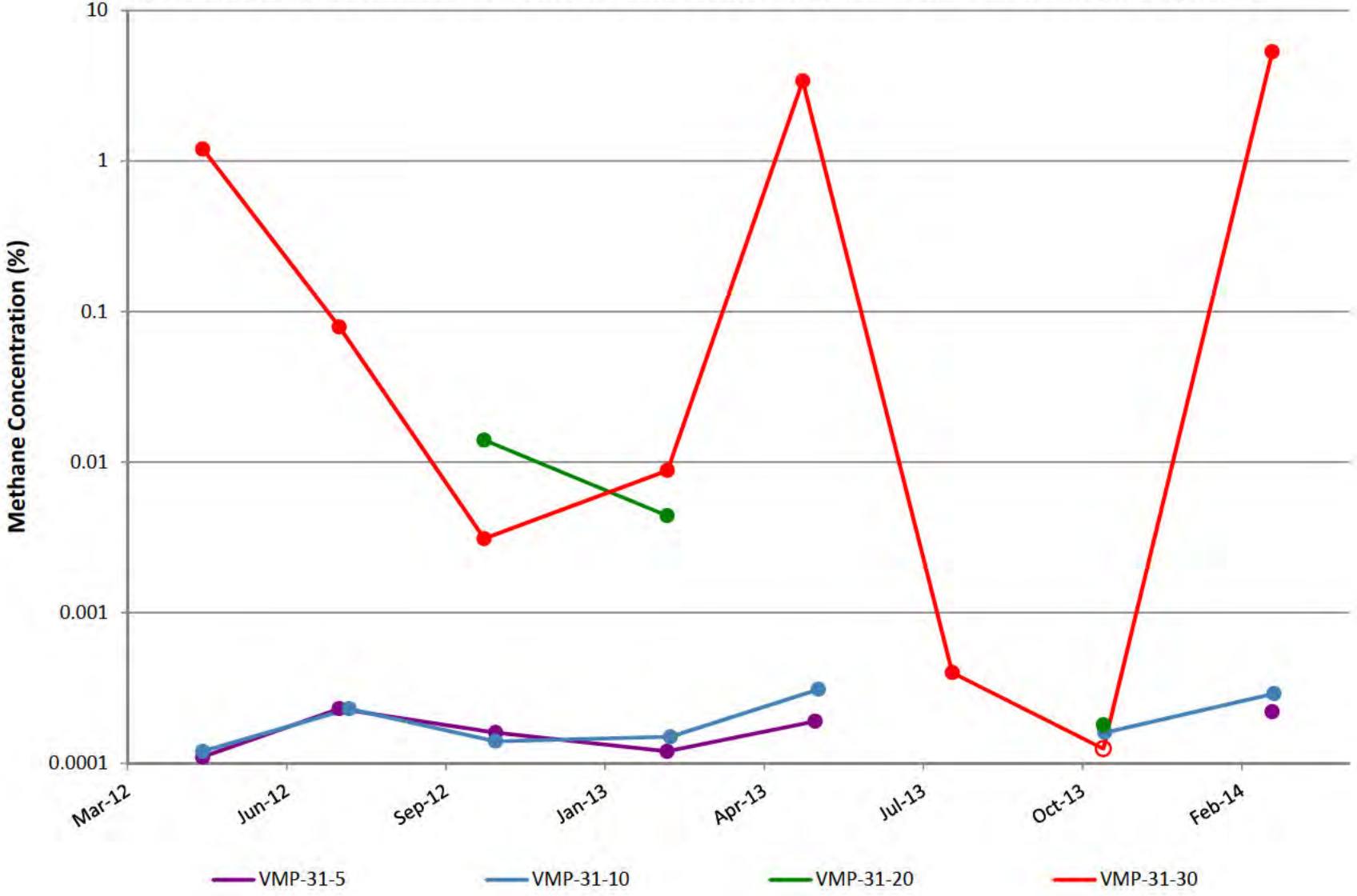
VMP-30

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.



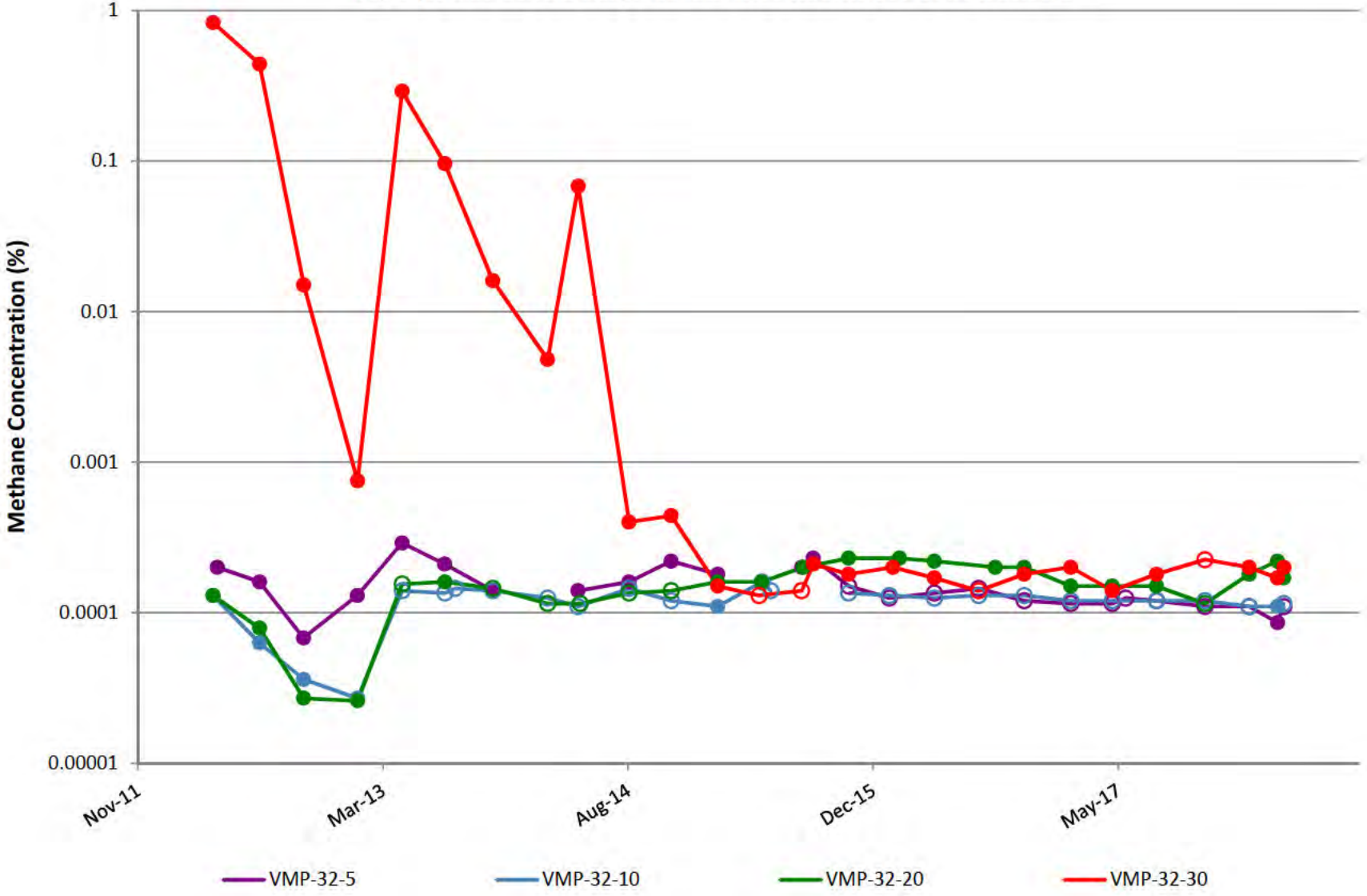
VMP-31

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.



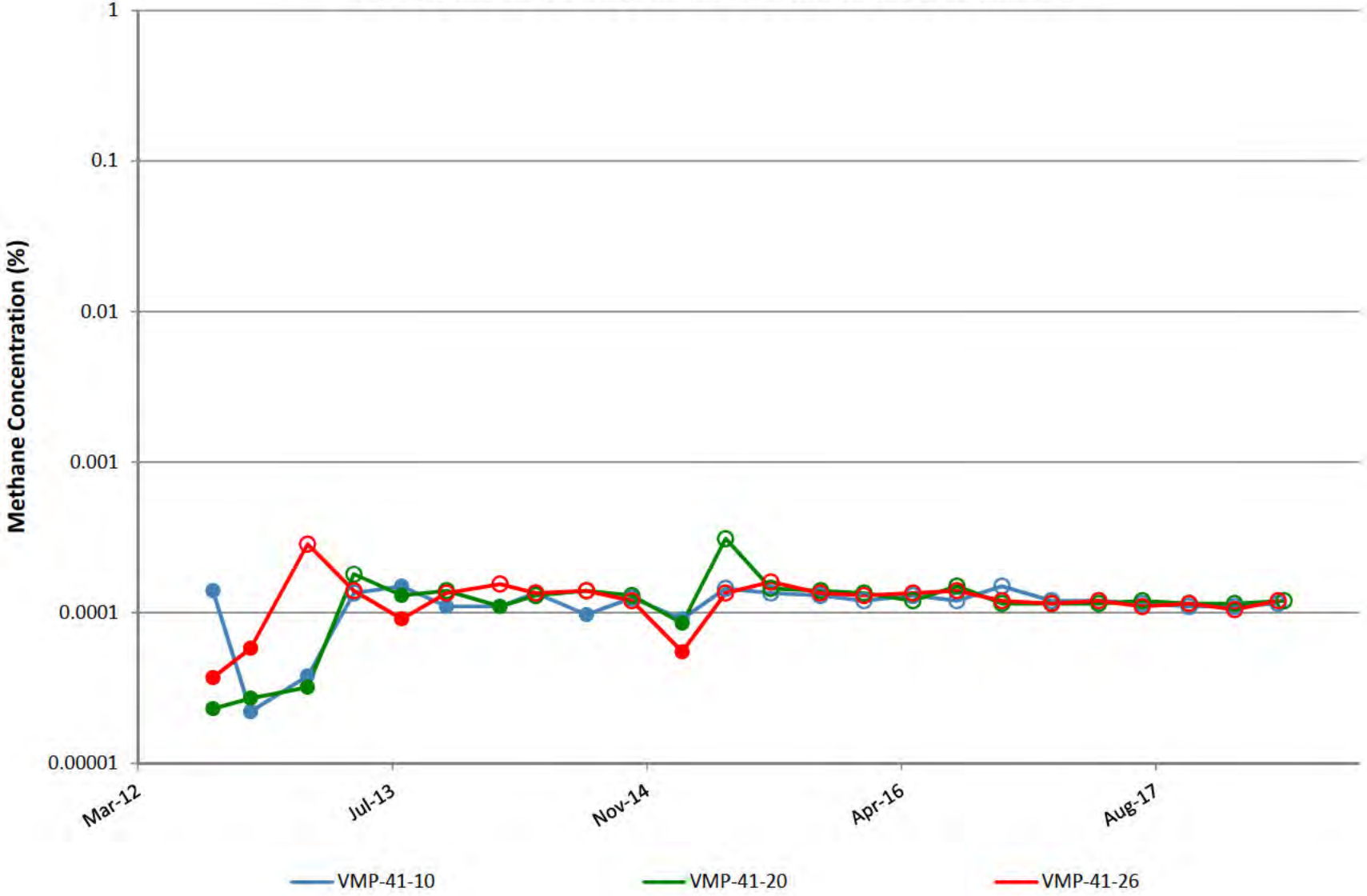
VMP-32

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.



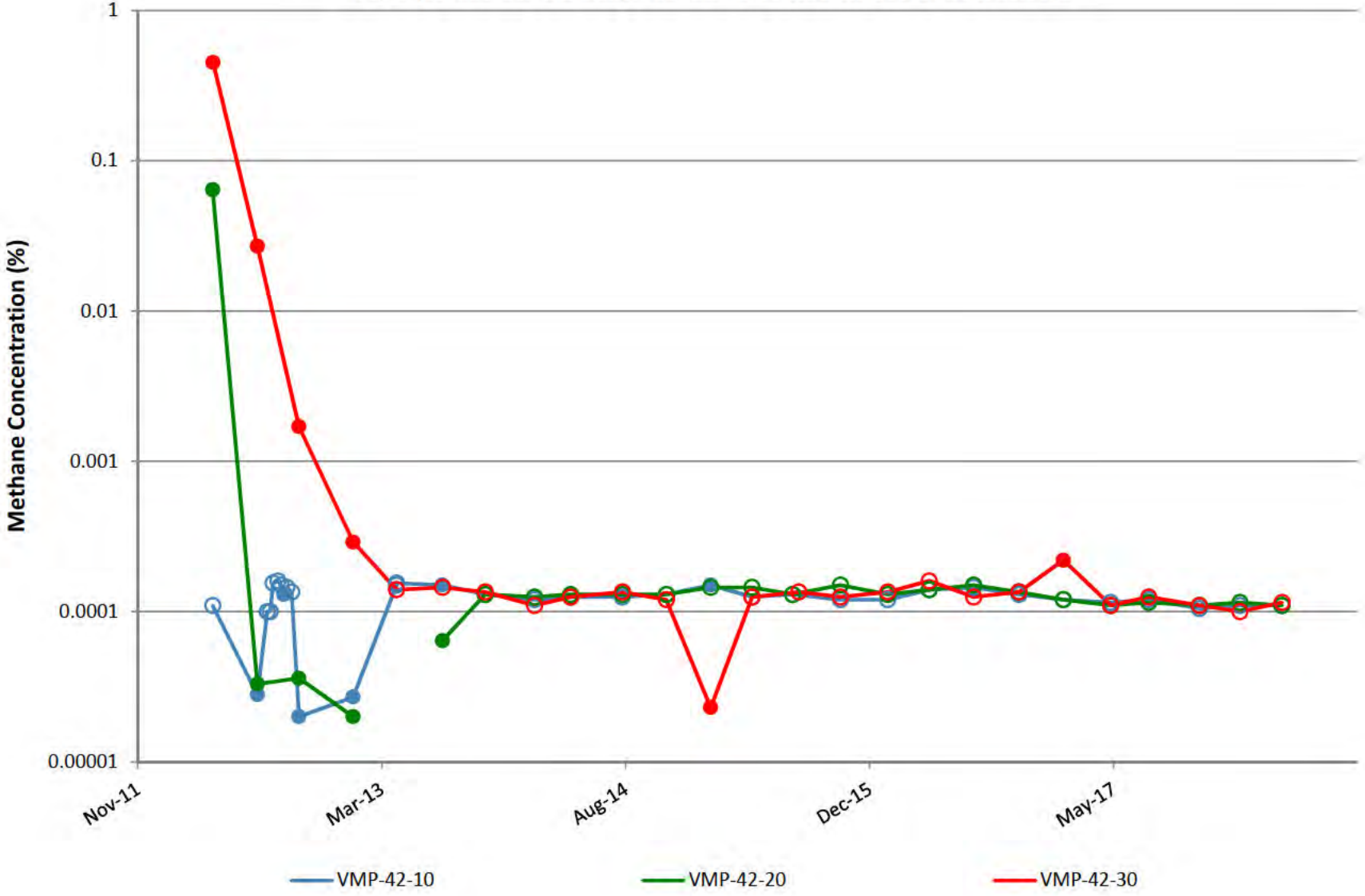
VMP-41

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.



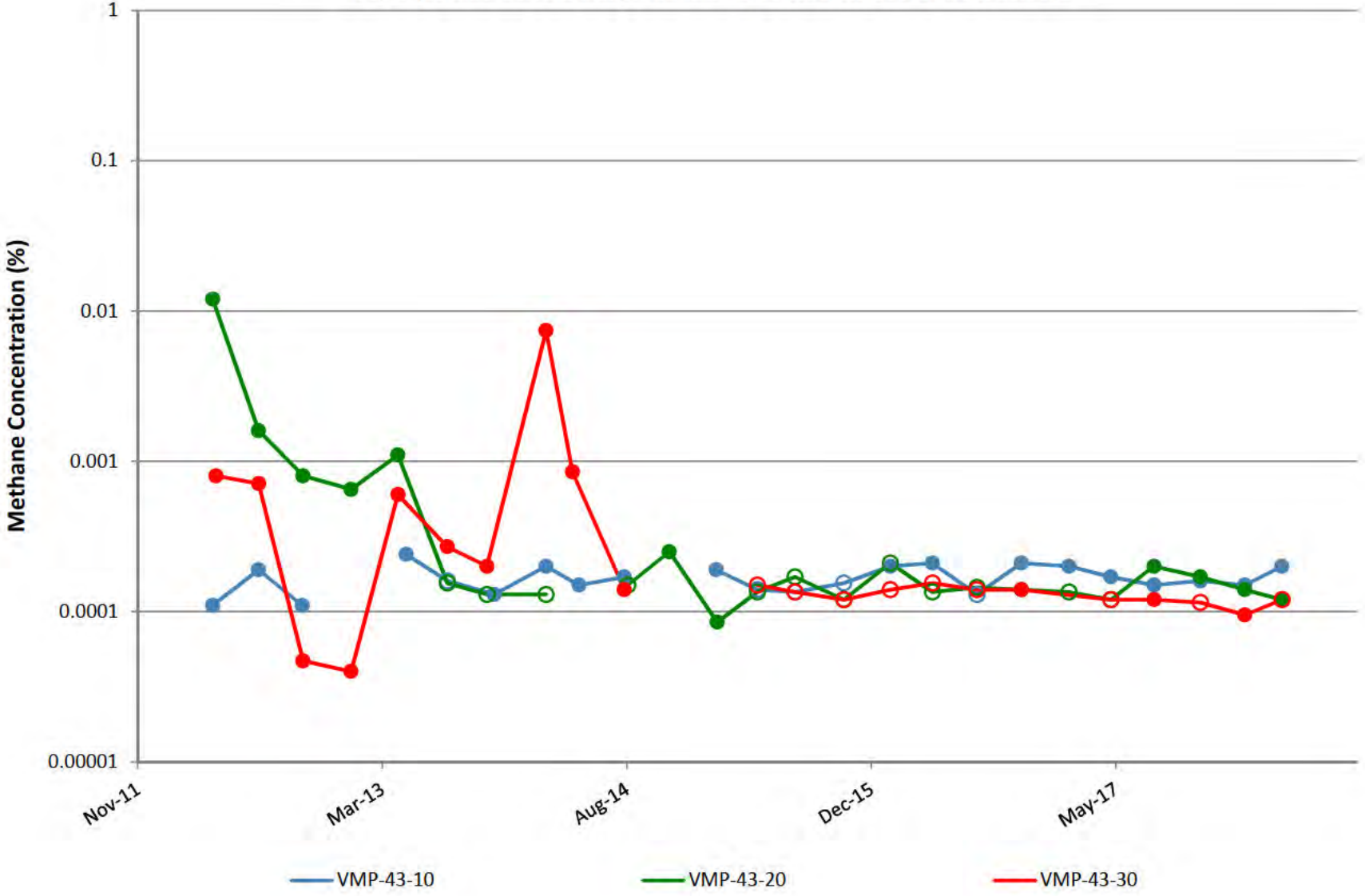
VMP-42

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.



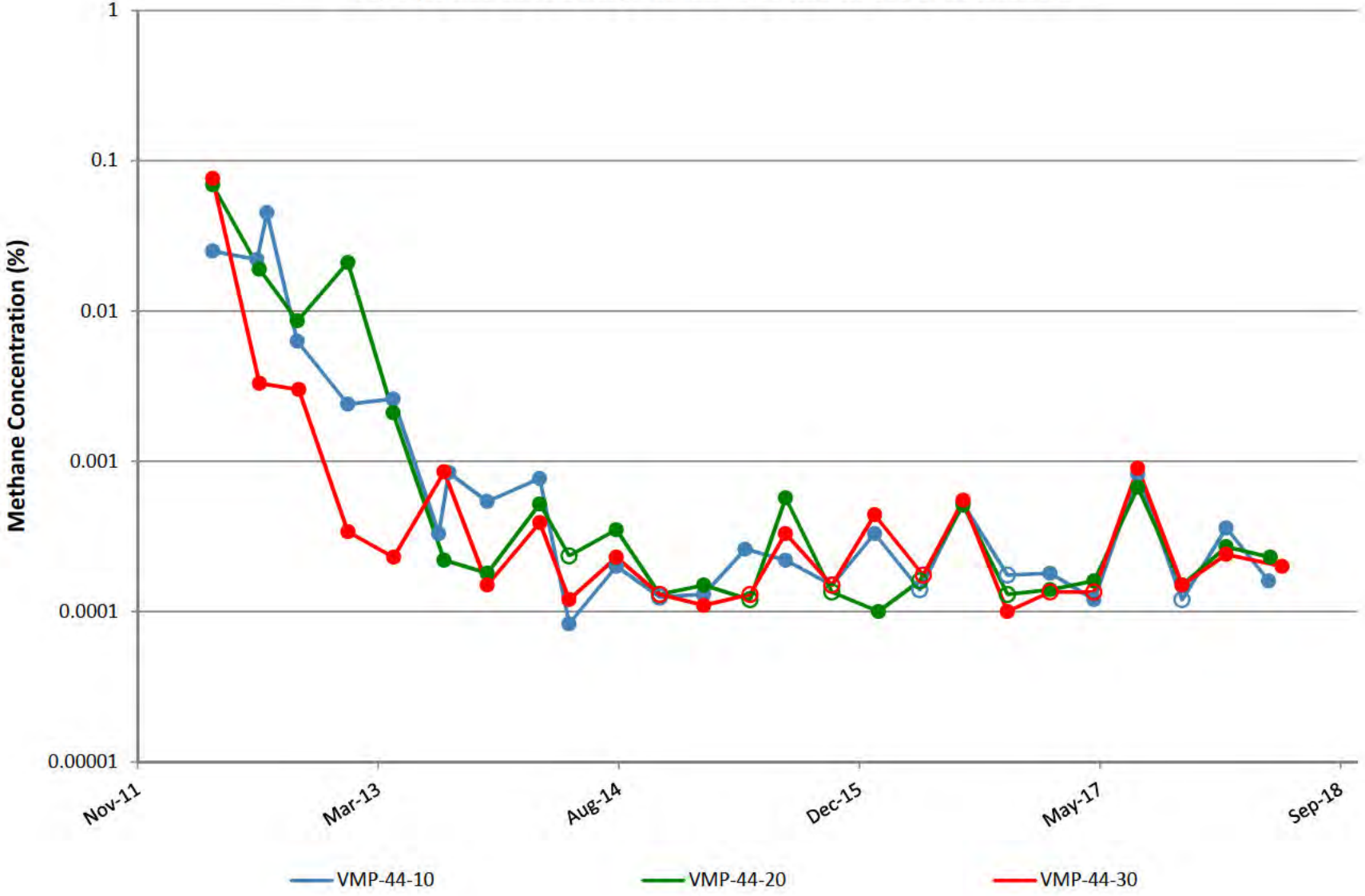
VMP-43

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.



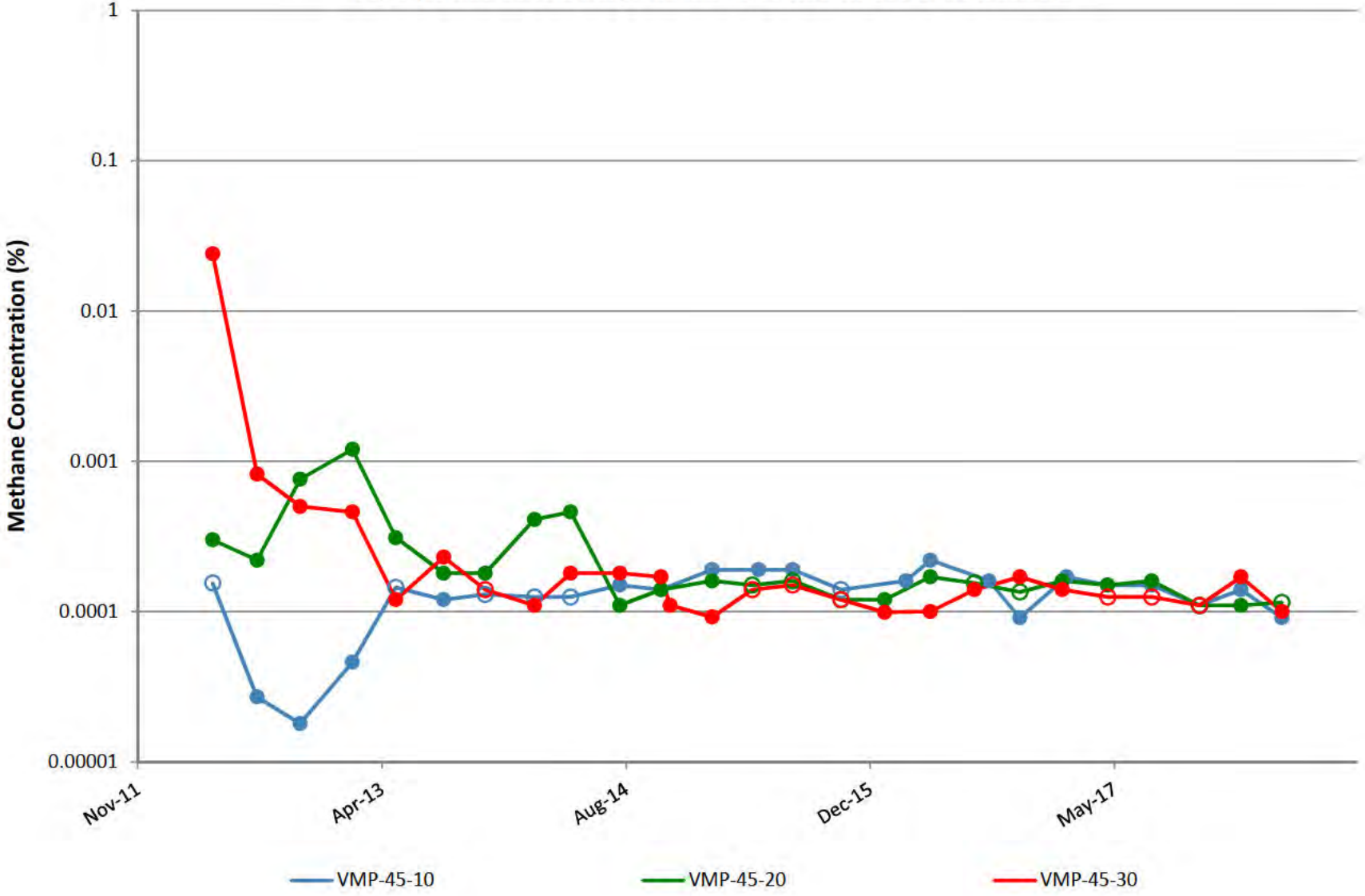
VMP-44

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.



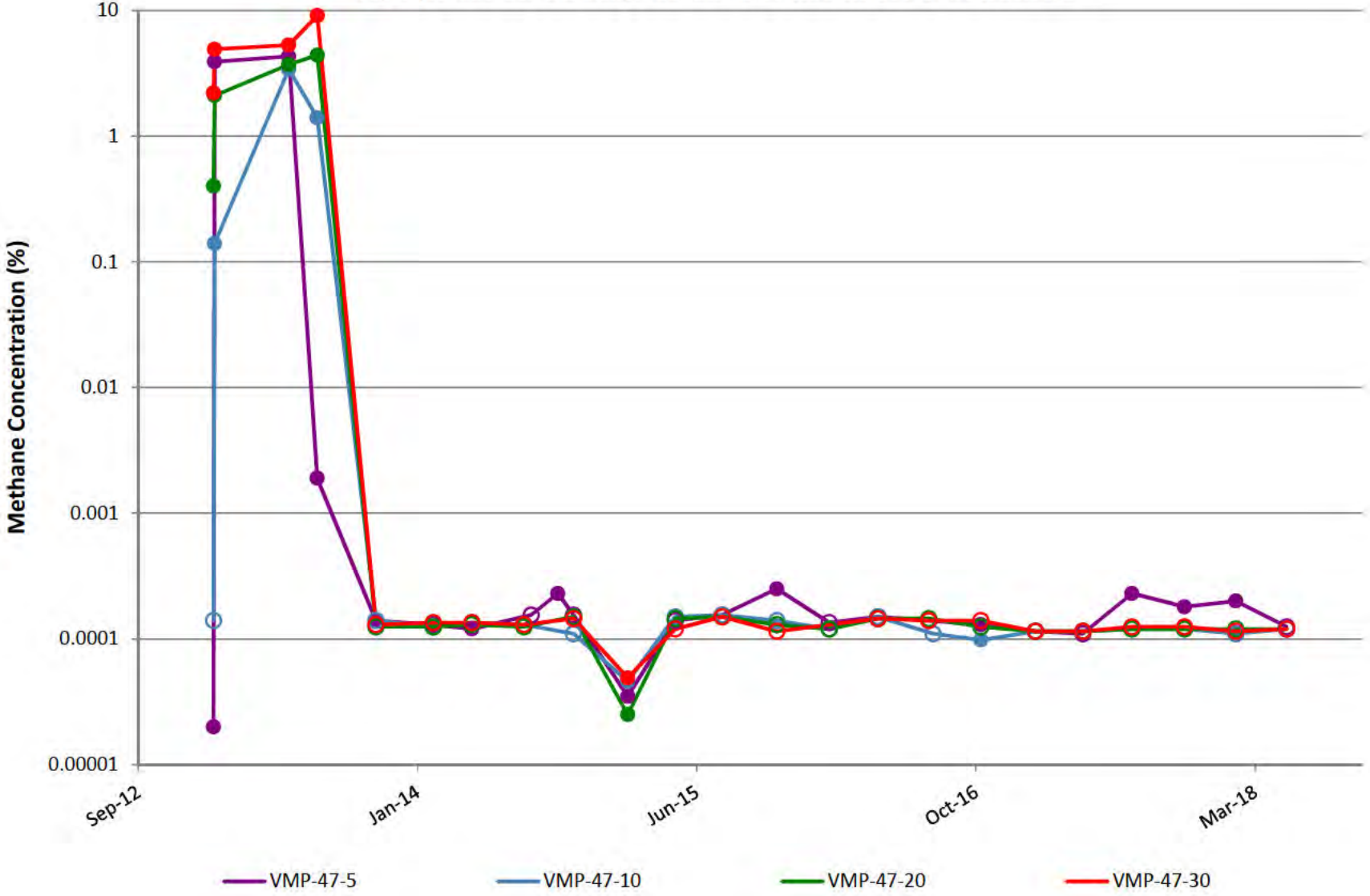
VMP-45

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.



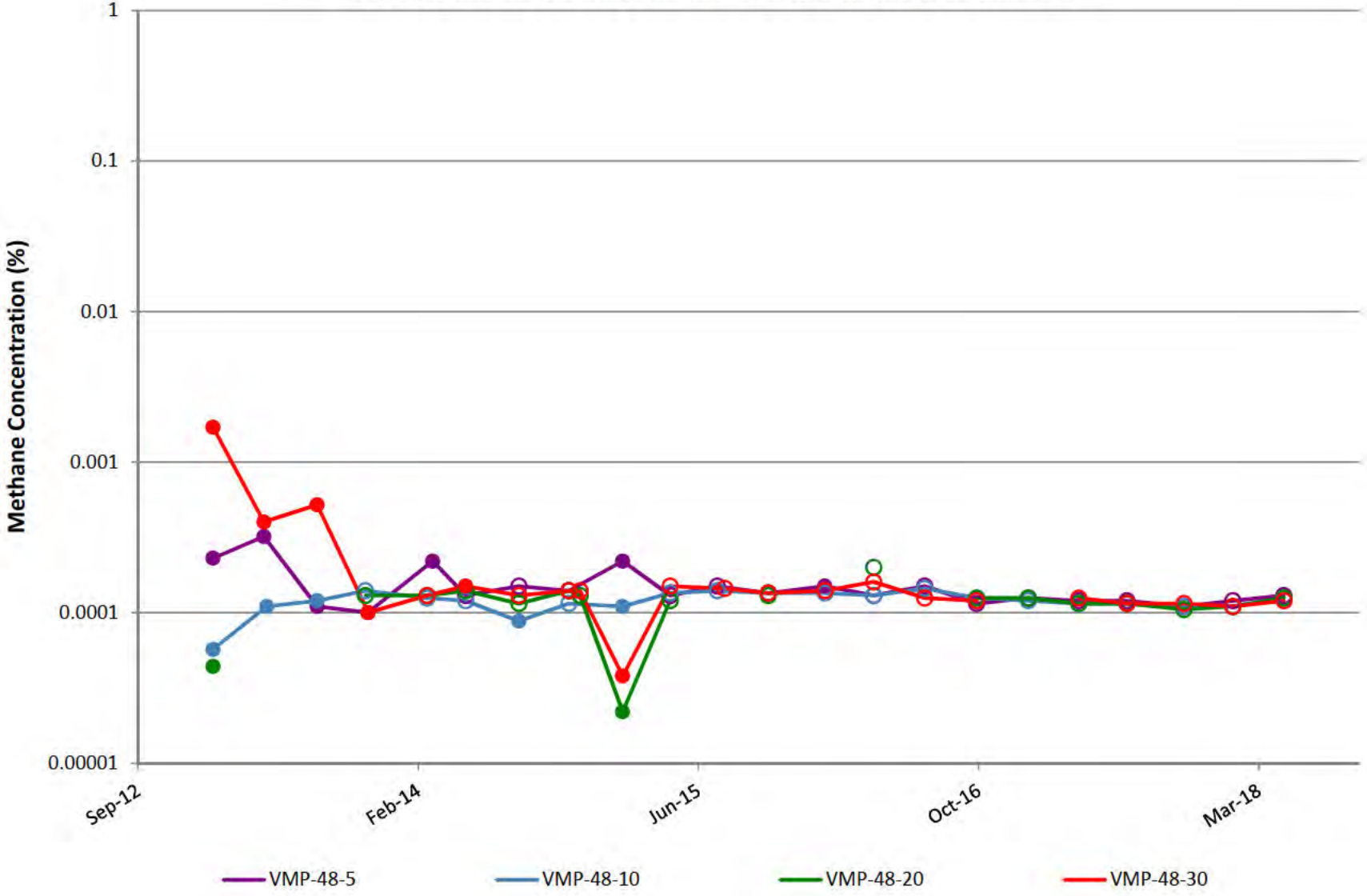
VMP-47

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.



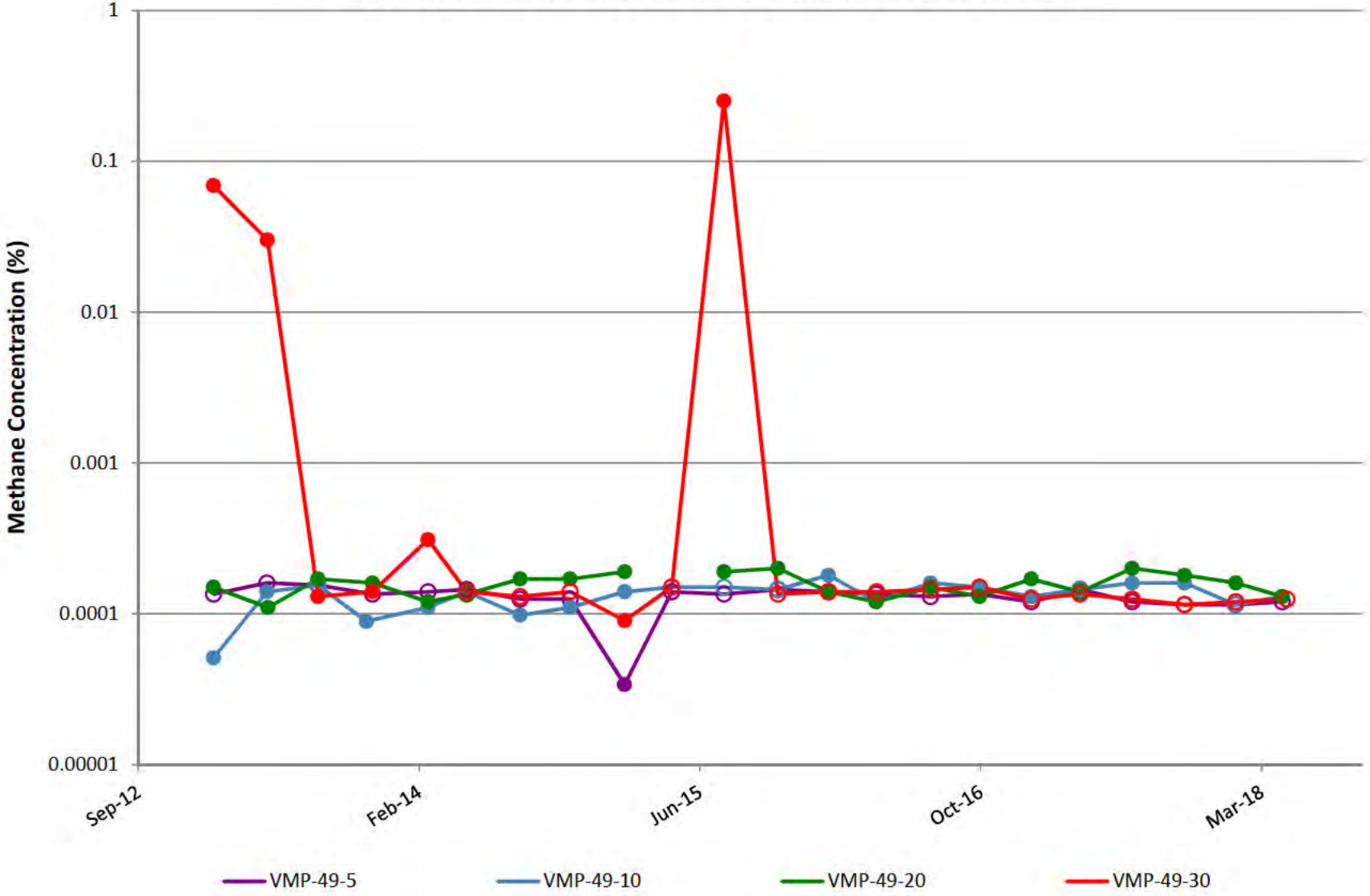
VMP-48

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.



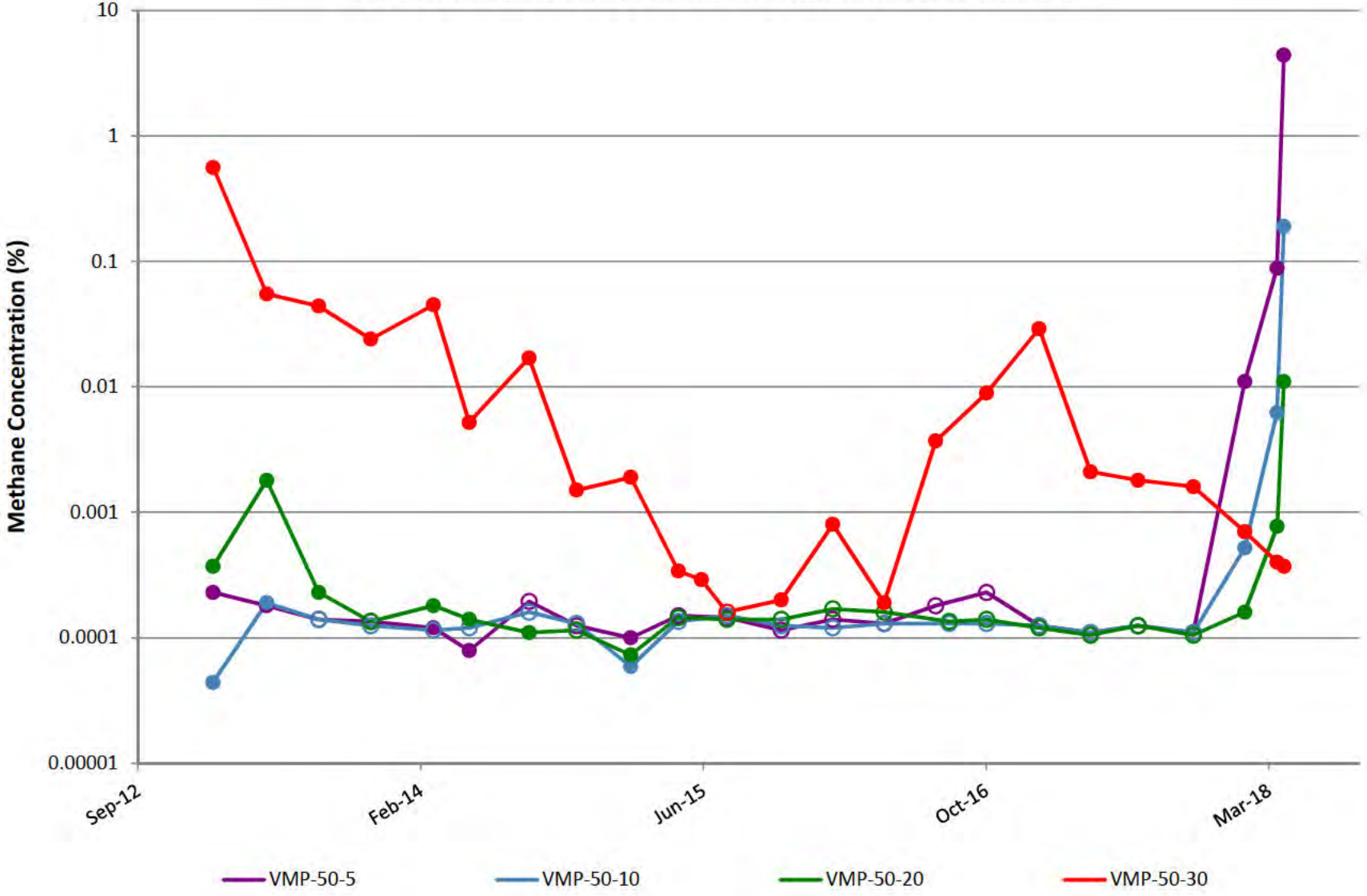
VMP-49

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.



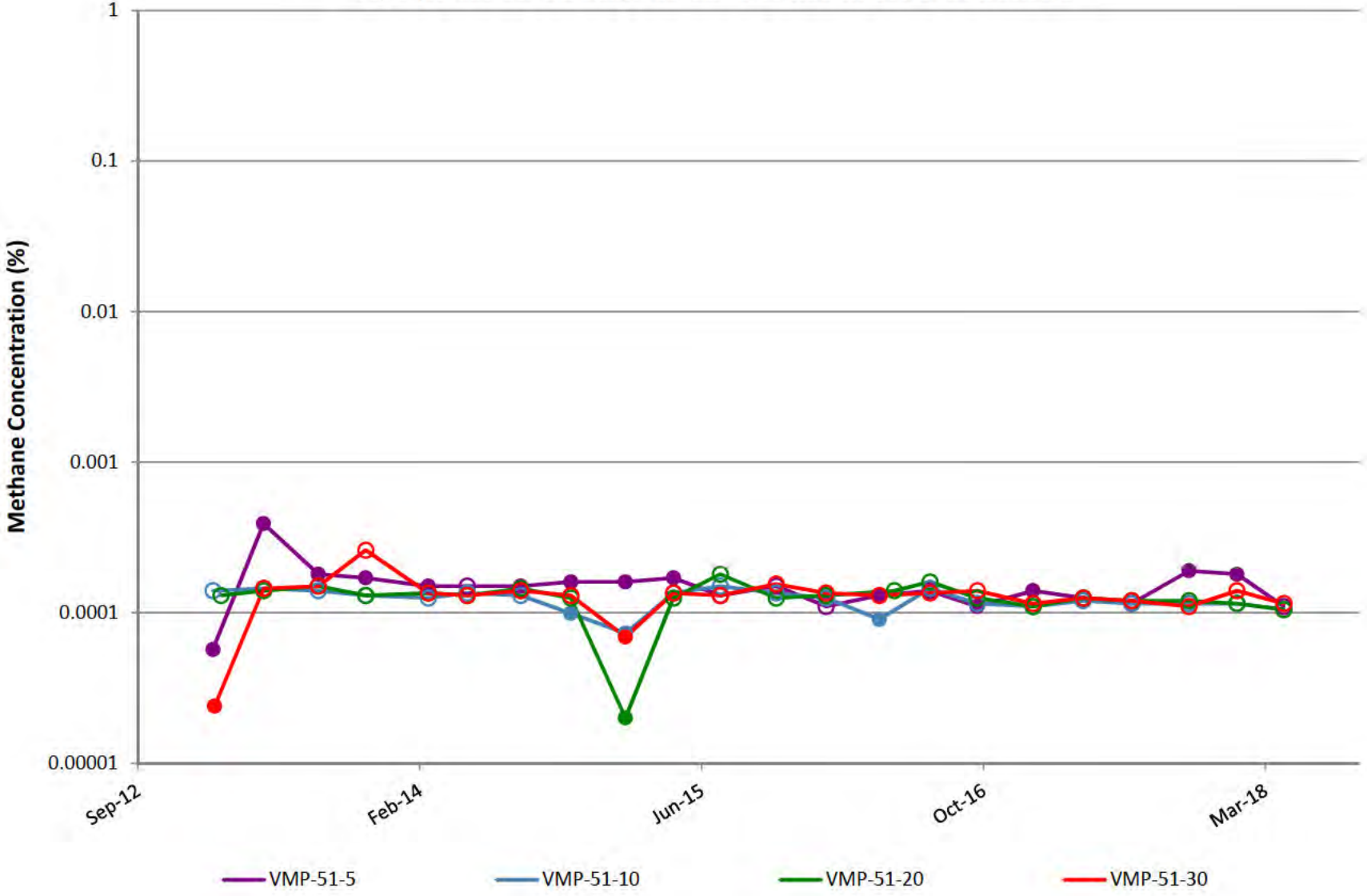
VMP-50

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.



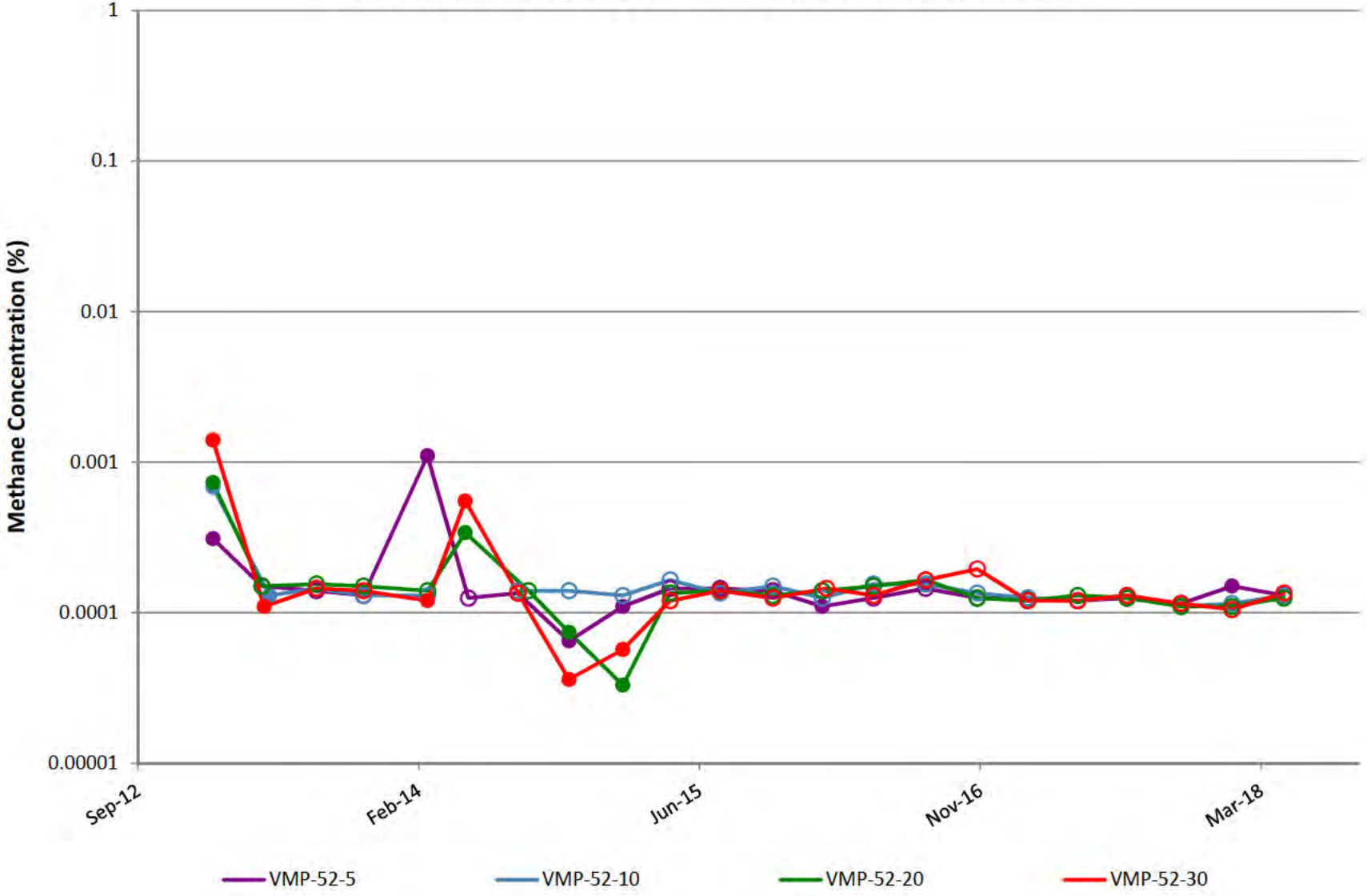
VMP-51

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.



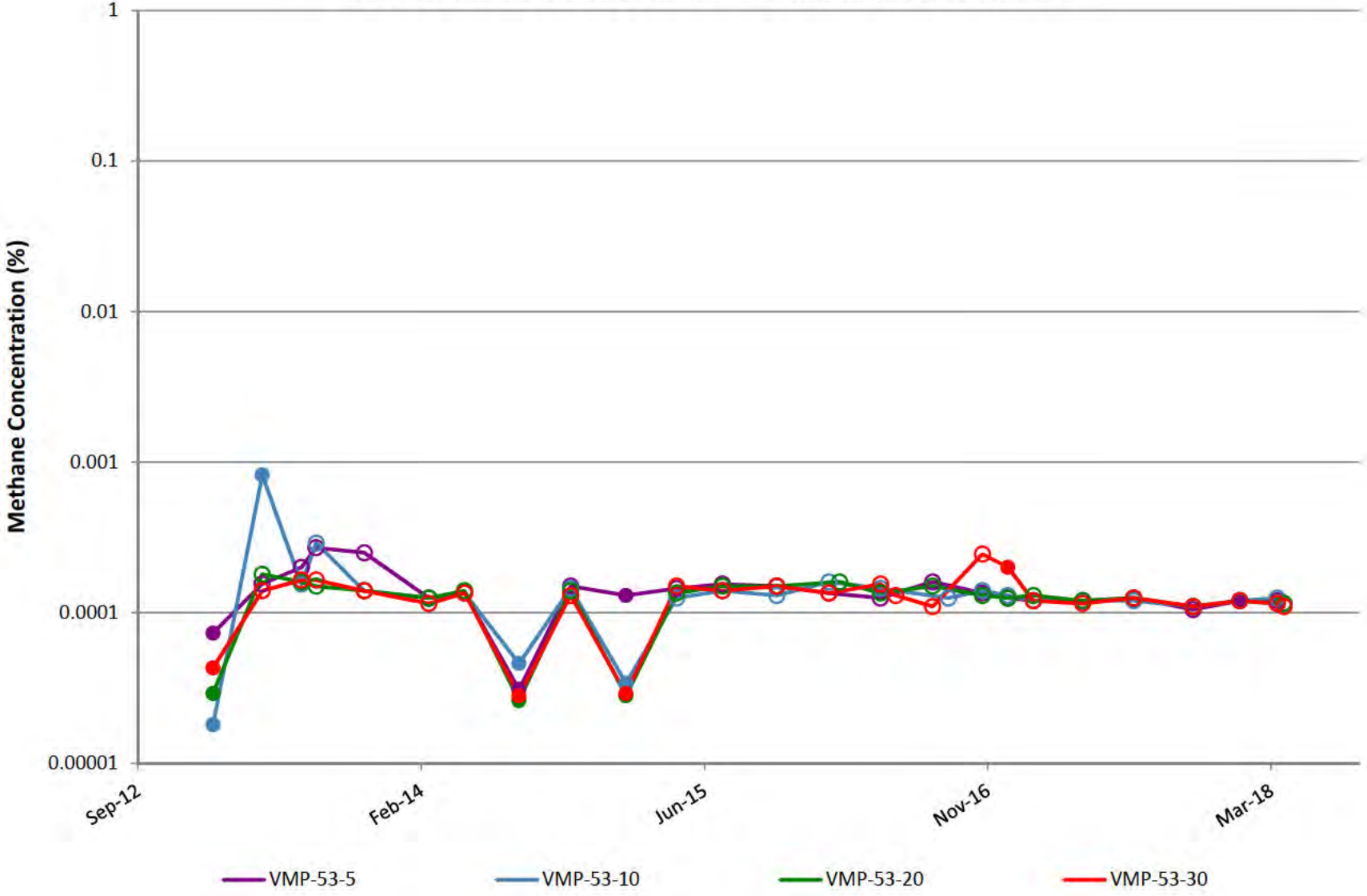
VMP-52

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.



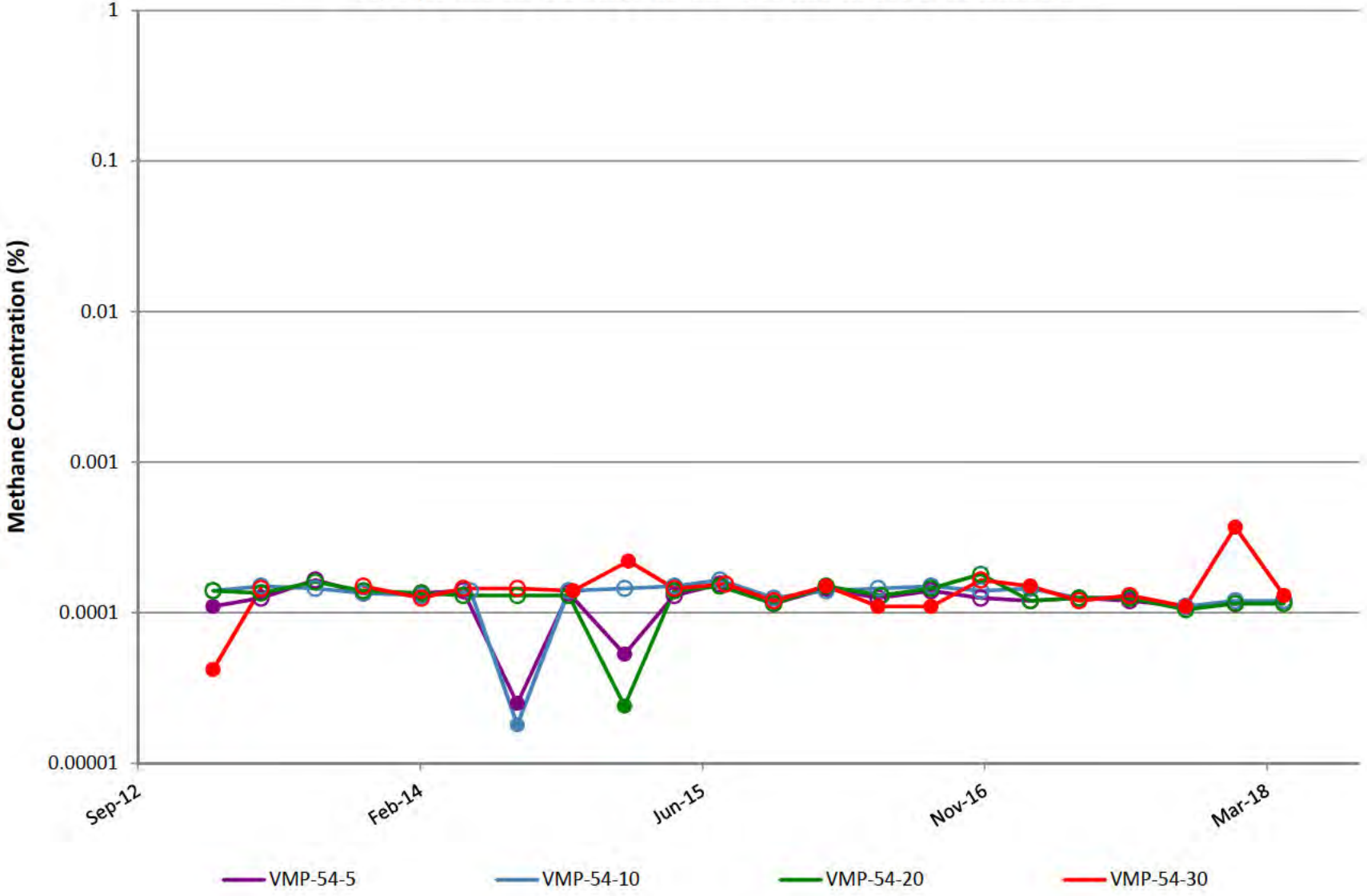
VMP-53

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.



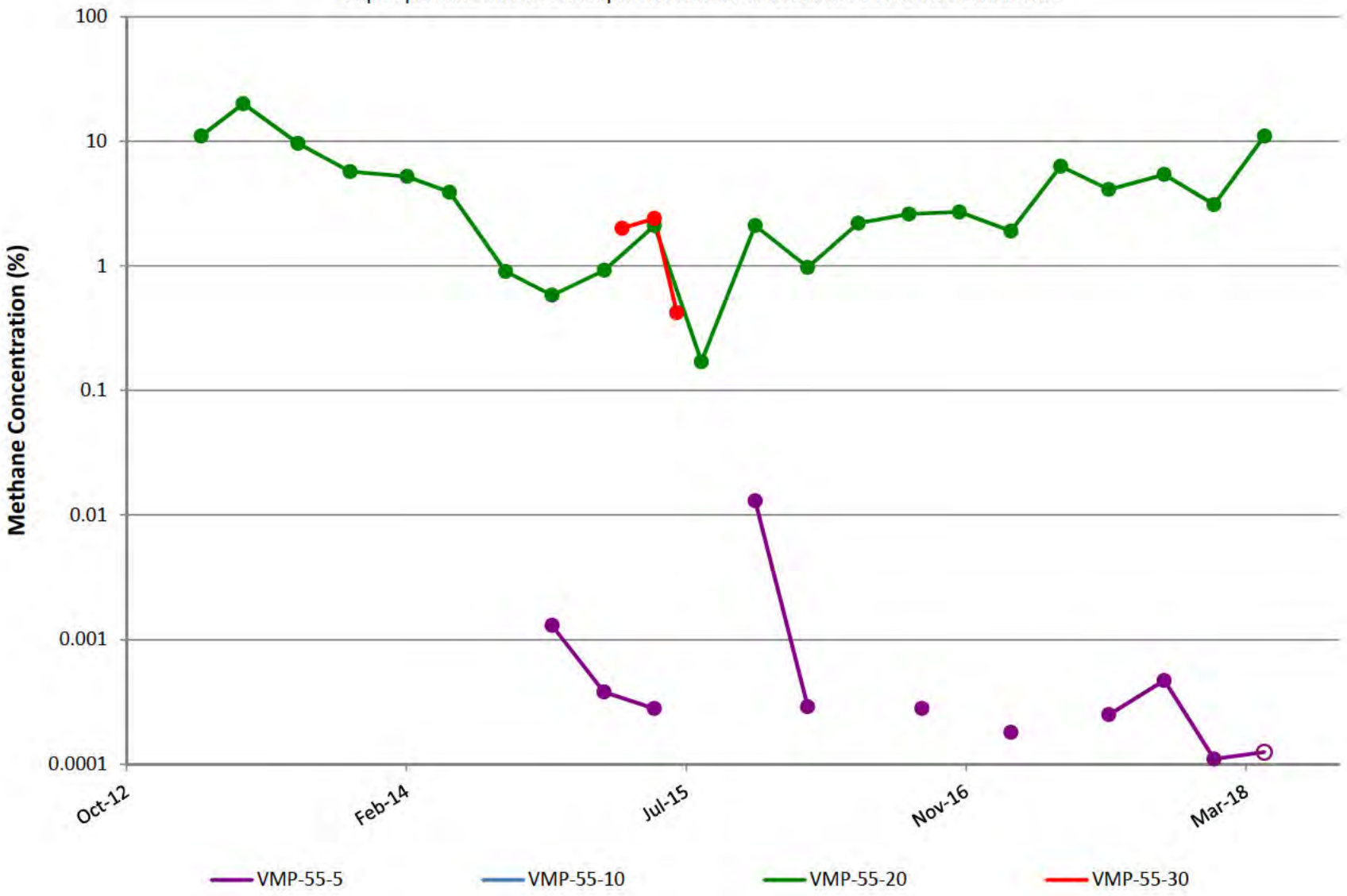
VMP-54

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.



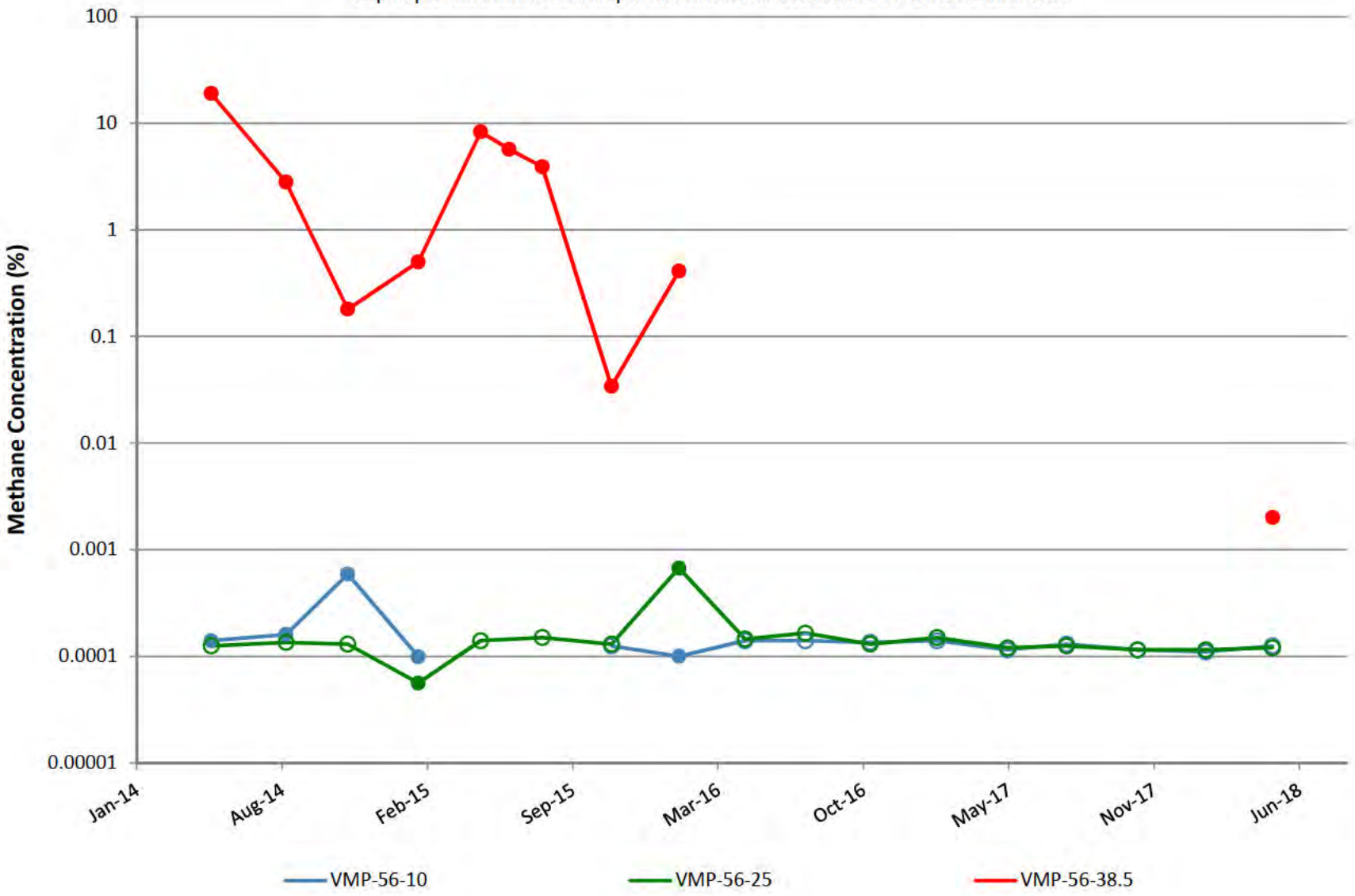
VMP-55

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.



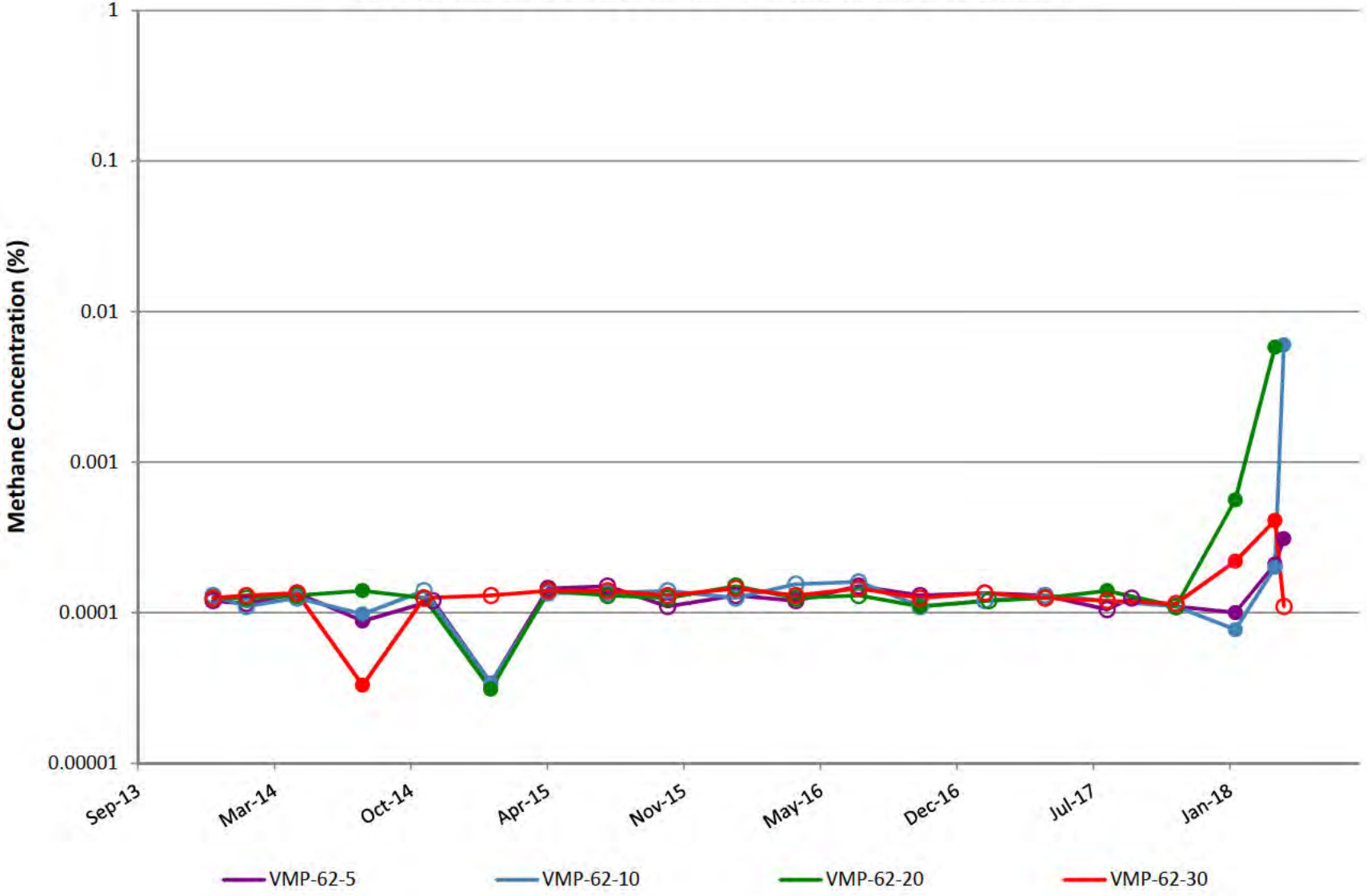
VMP-56

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.



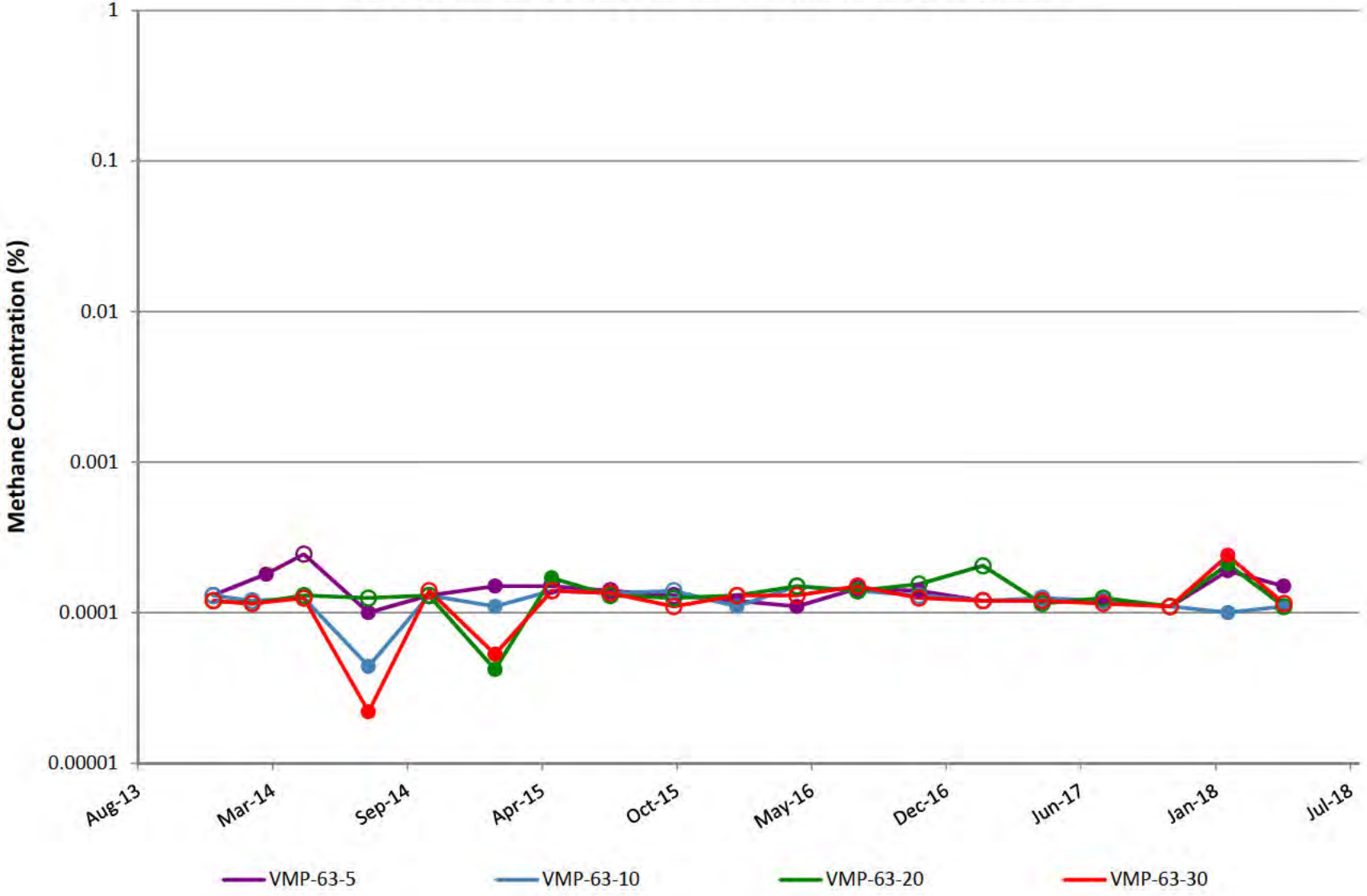
VMP-62

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.



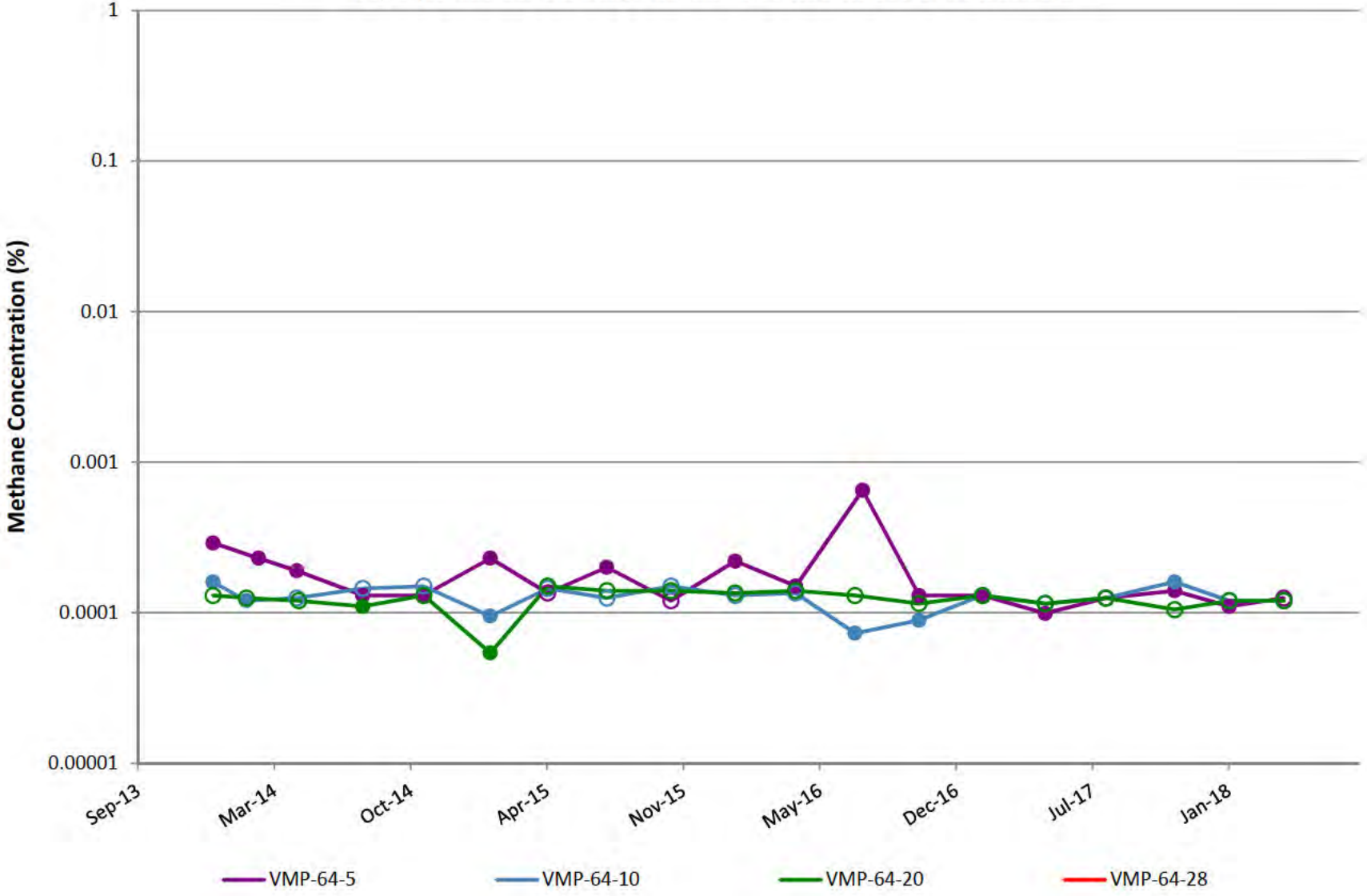
VMP-63

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 C
SVE System Leg Flow Rates

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX C
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)
7/5/2017	119	103	282	159	145	128
7/12/2017	117	100	278	165	152	121
7/19/2017	115	101	272	160	147	122
7/26/2017	145	101	269	174	130	119
8/2/2017	114	103	273	183	151	123
8/9/2017	115	104	275	189	151	120
8/17/2017	117	105	277	188	154	122
8/24/2017	116	107	281	195	146	109
8/29/2017	118	106	282	185	149	121
9/1/2017	124	89	289	187	150	119
9/6/2017	113	110	306	196	152	124
9/13/2017	123	108	294	186	136	124
9/28/2017	112	108	301	209	155	120
10/3/2017	116	105	304	215	153	112
10/11/2017	127	110	304	204	151	110
10/17/2017	120	104	289	202	152	121
10/24/2017	120	110	289	218	147	123
11/1/2017	119	110	304	172	147	137
11/8/2017	108	106	305	213	162	125
11/14/2017	114	121	309	223	156	137
11/21/2017	112	96	301	203	141	132
11/28/2017	108	113	299	219	135	129
12/6/2017	116	104	315	207	157	135
12/13/2017	117	105	306	227	162	124
12/19/2017	105	84	313	198	152	133
12/26/2017	104	136	384	215	176	0
1/11/2018	84	94	249	172	142	0
1/19/2018	92	89	228	189	120	0
1/25/2018	114	103	303	226	157	0
2/1/2018	114	116	309	238	156	0
2/7/2018	112	109	285	253	162	0
2/13/2018	134	29	363	296	34	0
2/20/2018	106	108	287	207	146	0
3/1/2018	103	111	279	219	159	0
3/6/2018	121	108	303	237	172	0
3/13/2018	126	120	284	243	201	0
3/21/2018	140	114	171	255	209	0
3/27/2018	148	94	157	264	204	0

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX C
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)
4/3/2018	140	122	144	258	203	0
4/12/2018	143	123	163	256	195	0
4/17/2018	147	122	151	270	192	0
4/25/2018	143	128	156	227	189	0
5/4/2018	143	124	150	228	201	0
5/9/2018	147	127	158	216	192	0
5/15/2018	150	127	165	196	193	0
5/22/2018	151	126	164	160	203	0
5/31/2018	142	122	146	255	188	0
6/1/2018	139	120	148	252	190	0
6/5/2018	156	130	160	182	189	0
6/12/2018	158	130	141	186	196	0
6/20/2018	158	128	135	189	191	0
6/26/2018	157	128	129	185	192	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]SVE System was shut down for maintenance from 9/19/17 to 9/27/17, and from 4/4/18 to 4/11/18.

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

Appendix D
SVE System Operating Efficiency and Maintenance Chronology

APPENDIX D
SVE SYSTEM OPERATING EFFICIENCY AND MAINTENANCE CHRONOLOGY

April-18		Hours of Operation	May-18		Hours of Operation	June-18		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	18.05	3	24	24
4	24	12.67	4	24	24	4	24	24
5	24	0	5	24	24	5	24	24
6	24	0	6	24	24	6	24	23.5
7	24	0	7	24	24	7	24	24
8	24	0	8	24	24	8	24	24
9	24	0	9	24	23.43	9	24	24
10	24	0	10	24	23.81	10	24	24
11	24	9.88	11	24	24	11	24	24
12	24	24	12	24	24	12	24	23.85
13	24	24	13	24	24	13	24	24
14	24	24	14	24	24	14	24	24
15	24	24	15	24	24	15	24	24
16	24	24	16	24	24	16	24	24
17	24	24	17	24	24	17	24	24
18	24	24	18	24	24	18	24	24
19	24	23.83	19	24	24	19	24	24
20	24	24	20	24	24	20	24	23.87
21	24	24	21	24	24	21	24	24
22	24	24	22	24	24	22	24	23.62
23	24	24	23	24	23.73	23	24	24
24	24	24	24	24	24	24	24	24
25	24	24	25	24	24	25	24	24
26	24	24	26	24	24	26	24	24
27	24	24	27	24	24	27	24	24
28	24	24	28	24	24	28	24	21.02
29	24	24	29	24	24	29	24	13.72
30	24	24	30	24	24	30	24	24
			31	24	24			
Totals	**720**	**550.38**	**Totals**	**744**	**737.02**	**Totals**	**720**	**705.58**
% Up Time		**76.44%**	**% Up Time**		**99.06%**	**% Up Time**		**98.00%**

APPENDIX D
SVE SYSTEM OPERATING EFFICIENCY AND MAINTENANCE CHRONOLOGY

- **April 2, 2018–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **April 4, 2018–** Re-established PW AST interstitial vacuum and perform RTO bake out.

- **April 5, 2018– 800 hour maintenance** - Replaced WFL VLS filter, replaced blower pre-filter, greased all system fittings, replaced system data card. Cleaned both WFL and PW VLS float system and housing. Cleaned both WFL and PW VLS units.

- **April 6, 2018–** Re-attached wall heater in the control room.

- **April 9, 2018–** Replaced combustion filter.

- **April 10, 2018–** Replaced 2 gas pressure switches, 1 differential pressure switch and burner cone.

- **April 11, 2018–** Drained condensate from both system compressors and performed bubble test on natural gas line. Replaced spark ignitor and installed sampling port on south cold face chamber.

- **April 16, 2018–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **April 19, 2018–** Tested AST, VLS and process room floats. Replaced control room door.

- **April 23, 2018–** Drained condensate from both system compressors and performed bubble test on natural gas line. Replaced LEL sample port.

- **April 30, 2018–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **May 1, 2018–** Installed sample port on north cold face chamber.

- **May 9, 2018–800 hour maintenance -** Replaced WFL VLS filter and pre-filter, replaced PW VLS filter and pre-filter, replaced blower filter and pre-filter, greased all system fittings, replaced system data card. Drained condensate from both system compressors and performed bubble test on natural gas line.

- **May 10, 2018–** Replaced combustion filter and tested AST, VLS and process room floats.

- **May 14, 2018–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **May 21, 2018–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **May 23, 2018–** Replaced both WFL and PW VLS pre-filter.

- **May 24, 2018–** Replaced SVE-41 ball stud and gas spring associated with vault lid.

APPENDIX D
SVE SYSTEM OPERATING EFFICIENCY AND MAINTENANCE CHRONOLOGY

- **May 29, 2018–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **June 5, 2018–** Performed bubble test on natural gas line.

- **June 6, 2018– 800 hour maintenance -** Replaced blower pre-filter, greased all system fittings. Drained condensate from both system compressors.

- **June 12, 2018–** Tested AST, VLS and process room floats.

- **June 13, 2018–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **June 14, 2018–** Replaced system data card.

- **June 15, 2018–** Cleaned both PW and WFL VLS float systems and housings.

- **June 18, 2018–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **June 21, 2018–**Sachs Electric replaced ballast in ceiling light in the system control room.

- **June 22, 2018–** Replaced air/water separator vessel for the RTO supplied air line.

- **June 25, 2018–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **June 27, 2018–** Cleaned both PW and WFL VLS float systems and housings.

- **June 28, 2018–** Replaced WFL VLS filter and pre-filter, replaced PW VLS pre-filter, replaced Purple line ball valve, replaced WFL flexible couplings on manifold, and cleaned both WFL and PW VLS units.

Appendix E
Total Header Hydrocarbon Concentrations

APPENDIX E
TOTAL HEADER HYDROCARBON CONCENTRATIONS

Date	West Fenceline Concentration (ppmv)	Public Works Concentration (ppmv)
7/5/2017	13,100	5,677
7/12/2017	11,900	6,412
7/19/2017	11,700	7,346
7/26/2017	11,100	10,300
8/2/2017	10,800	12,500
8/9/2017	10,800	13,500
8/17/2017	10,100	14,100
8/24/2017	9,160	16,700
8/29/2017	9,194	15,400
9/1/2017	8,944	16,200
9/6/2017	9,313	18,700
9/13/2017	9,044	18,800
9/28/2017	9,688	13,800
10/3/2017	8,245	15,800
10/11/2017	8,070	20,000
10/17/2017	10,200	22,400
10/24/2017	10,600	19,200
11/1/2017	11,300	25,300
11/8/2017	9,900	20,500
11/14/2017	9,650	20,600
11/21/2017	8,742	24,200
11/28/2017	8,342	21,100
12/6/2017	9,080	20,400
12/13/2017	10,900	24,100
12/19/2017	8,516	19,300
12/26/2017	8,899	16,500
1/11/2018	12,100	33,400
1/19/2018	8,876	31,100
1/25/2018	9,317	39,400
2/1/2018	8,605	42,200
2/7/2018	7,547	36,500
2/13/2018	9,760	34,200
2/20/2018	9,145	34,300
3/1/2018	12,300	48,000
3/6/2018	14,900	44,300
3/13/2018	24,800	35,900
3/21/2018	22,500	41,400
3/27/2018	25,600	49,000
4/3/2018	34,500	65,600
4/12/2018	28,100	45,600
4/17/2018	22,100	53,700
4/25/2018	23,900	60,470
5/4/2018	19,500	43,900
5/9/2018	23,400	46,600
5/15/2018	17,500	81,800
5/22/2018	18,200	43,300
5/31/2018	19,000	34,200
6/1/2018	19,200	36,600
6/5/2018	19,500	10,200
6/12/2018	22,300	8,560
6/20/2018	22,200	11,900
6/26/2018	22,400	11,300

*SVE System was shut down for maintenance from 9/19/17 to 9/27/17, and from 4/4/18 to 4/11/18.

Appendix F
SVE System Flow Rates

APPENDIX F
SVE SYSTEM FLOW RATES

Date	West Fenceline Header[1] (SCFM)	Public Works Header[1] (SCFM)
7/5/17	777	159
7/12/17	768	165
7/19/17	757	160
7/26/17	764	174
8/2/17	764	183
8/9/17	765	189
8/17/17	775	188
8/24/17	758	195
8/29/17	775	185
9/1/17	771	187
9/6/17	805	196
9/13/17	784	186
9/28/17	796	209
10/3/17	791	215
10/11/17	802	204
10/17/17	786	202
10/24/17	789	218
11/1/17	817	172
11/8/17	806	213
11/14/17	837	223
11/21/17	781	203
11/28/17	784	219
12/6/17	826	207
12/13/17	815	227
12/19/17	787	198
12/26/17	800	215
1/11/18	568	172
1/19/18	529	189
1/25/18	677	226
2/1/18	696	238
2/7/18	668	253
2/13/18	561	296
2/20/18	648	207
3/1/18	653	219
3/6/18	703	237
3/13/18	730	243
3/21/18	634	255
3/27/18	603	264
4/3/18	608	258
4/12/18	624	256
4/17/18	613	270
4/25/18	617	227
5/4/18	617	228
5/9/18	625	216
5/15/18	635	196
5/22/18	645	160
5/31/18	598	255
6/1/18	597	252
6/5/18	635	182
6/12/18	624	186
6/20/18	612	189
6/26/18	607	185

[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]SVE System was shut down for maintenance from 9/19/17 to 9/27/17, and from 4/4/18 to 4/11/18.

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