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 150 N. Dairy Ashford, Bldg A, 5th Fl
City Houston
State TX Zip Code 77079
Contact Name Dan Kirk
Contact Title Principal Program Manager
Phone 281-544-9796

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

☐ RFI Phase I Workplan/Report IEPA Permit Log No. B-43R
☐ RFI Phase II Workplan/Report Date of Last IEPA Letter on Project June 30, 2020
☐ CMP Report; No. of Last IEPA Letter on Project B-43R2
☑ Other (describe): Does this submittal include groundwater information: ☑ Yes ☐ No
Soil Vapor Sampling & SVE Monitoring Report - 2nd Quarter 2020
Date of Submittal 7/30/2020

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 2020 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 2020 dated 7/30/2020. Copy of submittal also sent directly to R. Watson and G. Search of IEPA.

7.0 Certification Statement

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

Roxana, Illinois 2Q20 SV-SVE Report

Date of Submission: 7/30/2020

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: S) T. Hoth Date: 7-23-20

Title: Principal Program Manager

7.2 Professional Certification (if necessary)

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

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: _____ Date: _____

Professional's Name _____

Address _____ Professional's Seal:

City _____

State _____ Zip Code _____

Phone _____

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

Digitally signed by Sepideh Saeed
DN: cn=Sepideh Saeed, o=Eurofins Air Toxics LLC, ou=Eurofins Air Toxics LLC, email=sepidehsaeed@eurofinsus.com, c=US
Date: 2020.06.17 15:35:35 -07'00'

Date: 6/17/20

Signature of Laboratory Responsible Officer

Mailing Address of Laboratory

Address 180-B Blue Ravine Rd.

City Folsom

State CA Zip Code 95630

Sepideh Saeed, Vice President OP

Name and Title of Laboratory Responsible Officer

Roxana, Illinois 2Q20 SV-SVE Report

Date of Submission: 7/30/2020

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: _____ Date: _____

Title: _____

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 B Bellman Date: 7/23/2020

Professional's Name Robert Billman

Address 100 North Broadway 20th Floor

City St Louis

State MO Zip Code 63102

Phone 314-429-0100

Professional's Seal:

7.3 Laboratory Certification (if necessary)

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

Name of Laboratory Eurofins Air Toxics LLC

Digitally signed by Sepideh Saeed
DN: cn=Sepideh Saeed, o=Eurofins Air Toxics LLC, ou=Eurofins Air Toxics LLC, email=sepidehsaeed@eurofinsus.com, c=US
Date: 2020.06.17 15:35:25 -07'00'

Date: 6/17/20

Signature of Laboratory Responsible Officer

Mailing Address of Laboratory

Address 180-B Blue Ravine Rd.

City Folsom

State CA Zip Code 95630

Sepideh Saeed, Vice President OP

Name and Title of Laboratory Responsible Officer

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July 30, 2020

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

Soil Vapor Sampling and SVE Monitoring Report –2nd Quarter 2020
Roxana, Illinois
1191150002 – Madison County
Equilon Enterprises LLC d/b/a Shell Oil Products US
Log No. B-43R

Dear Mr. Smith:

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

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

If you have any questions during your review, please contact Dan Kirk, SOPUS Principal Program Manager, at dan.kirk@shell.com (281-544-9796), or Robert Mooshegian at robert.mooshegian@aecom.com (314-802-1185).

Sincerely,

AECOM, on behalf of Shell Oil Products US

Samuel Fisher, CHMM
Environmental Scientist

Robert E. Mooshegian, STS
Senior Program Manager

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

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

AECOM

2nd Quarter 2020 Report

Soil Vapor Sampling and SVE Monitoring Report Roxana, Illinois

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

Project Number: 60619901
July 2020

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1 Introduction

AECOM Technical Services, Inc. (AECOM) is submitting this 2nd Quarter 2020 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). The Investigation Area and locations of VMPs in the soil vapor sampling network are presented on **Figure 2.** Site background information and regulatory history are presented in **Appendix A**.

In an effort to streamline the Soil Vapor and SVE Monitoring reporting, format changes are being made beginning with this report and include:

- Creating **Appendix A** to present site background and regulatory history; and
- Updating **Tables 5, 6, and 10** to include only those analytes that have been detected during the reporting quarter or previous three quarters.

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 2020 (2Q20) was at a depth of approximately 22 to 41 feet bgs (approximate elevation of 406.5 to 408 feet North American Vertical Datum [NAVD 88]). 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 risen approximately 0.25 to 0.75 feet since the 1Q20 gauging event. Water level measurements collected during the 2Q20 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 Dell Rugged laptop computers (computer), or similar, 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 2Q20 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 2Q20.

[1] 2Q20 comprehensive groundwater monitoring well gauging performed April 1-3, 2020.

3 Soil Vapor Sampling and Analytical Procedures

The 2Q20 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 2Q20 soil vapor sampling event was conducted April 22 through April 30, and May 21, 2020.

3.1 Vapor Monitoring Port Sampling

The soil vapor sampling network currently consists of 63 VMP locations (**Figure 2**), of which 46 locations are currently being utilized for quarterly sampling. VMPs in the quarterly sampling program are generally screened at four depths[2] at each location. The individual VMPs are labeled and color-coded in the field from shallow to deep by using the color scheme of yellow (1st interval), blue (2nd interval), green (3rd interval), and red (4th interval). Additional VMPs installed as part of a supplemental sampling event in 2nd Quarter 2010 (2Q10) are color-coded white (10-foot depth). Vapor ports installed during 3Q11 and 4Q11 do not have the shallow (5-foot depth) port included and begin with the blue interval port. Soil VMP depths are provided in **Table 2**.

VMP Sampling

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

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

The following steps were used to collect each VMP sample.

- Upon arrival at a sampling location, the sampling crew would open the vapor port vault to visually check integrity of each individual VMP.
- Three well volumes were purged from each VMP prior to sampling using a 60 mL syringe[3]. If the syringe would not retract or produced water when purged, the VMP was presumed to be saturated with water and no sample was collected.
- The sample train was set up and connected directly to the monitoring port using compression ferrule connections. Each flow controller is pre-set by the laboratory to collect the sample over a five minute period. The 1-Liter stainless-steel canisters collect samples at a rate of approximately 167 mL/min, which is lower than the maximum sample collection rate identified in the IEPA Tiered Approach to Corrective Action Objectives (approximately 200 mL/min). Once the sample train was assembled, a vacuum leak check was performed.
- An enclosure was then placed over the VMP and assembled sample train. The enclosure was sealed to the ground at each location with a hydrated bentonite seal.
- Helium gas was introduced into the enclosure until the atmosphere reached a concentration of approximately 50% helium.

[2] With the exception of single shallow ports at VMP-17, 18, 19, three ports at VMP-41 through VMP-45, VMP-56 and VMP-57, and five ports at VMP-3.
[3] The purge volume was calculated using the following assumptions: vapor port tubing (1/8-in diameter): 2.41 mL/foot (single volume) and sample train assembly (1/4-in diameter): 9.65 mL/foot (single volume).

- After introducing helium into the shroud, a Tedlar® bag sample was collected using a peristaltic pump. A Dielectric Technologies MGD-2002 (MGD-2002) field analyzer was then used to detect possible helium within the Tedlar® bag sample.
- Once the initial helium leak check was completed, the stainless-steel canister valve was opened to collect a sample for approximately five minutes or until a vacuum gauge reading of 5 inches Hg was observed. After sample completion, the stainless-steel canister valve was closed.
- A second Tedlar® bag was filled following the completion of the stainless-steel canister sampling. Soil vapor readings were taken from the Tedlar® bag sample for total volatile organics with either a Thermo Scientific TVA-2020 Vapor Analyzer or a RAE® Systems MiniRae 3000 - Photoionization Detector (PID) and a Thermo Scientific TVA-2020 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 27 of the VMP screens were submerged beneath the water table (or a temporary water condition) during 2Q20; details are provided below. This is a relatively greater number of VMPs as compared to typical quarters and is believed to be in part the result of elevated groundwater conditions.

- One 1st interval VMP, VMP-55-5, held vacuum during the attempted purge and was most likely submerged. The screen for VMP-55-5 is within fill material, and it is not unusual for shallow water to be trapped in the fill.
- Three 2nd interval VMPs, VMP-3-10, VMP-25-9.5, and VMP-55-10, held vacuum during the attempted purge and were most likely submerged. The screens for VMP-25-9.5 and VMP-55-10 are within fill material, and it is not unusual for shallow water to be trapped in the fill.The screen for VMP-3-10 is within sand and as such, the vacuum may reflect temporary soil moisture.
- Two 3rd interval VMPs, VMP-25-21 and VMP-48-20, held vacuum during the attempted purge and were most likely submerged.
- Twenty 4th interval VMPs, VMP-1-38.5, VMP-2-42, VMP-4-39, VMP-5-40, VMP-6-39, VMP-7-38, VMP-9-38.5, VMP-10-30, VMP-12-39, VMP-14-29, VMP-15-29, VMP-20-39.5, VMP-23-40, VMP-29-40, VMP-30-40, VMP-32-30, VMP-48-30, VMP-55-30, VMP-56-38.5, and VMP-64-28 held vacuum during the attempted purge and were most likely submerged.
- The 5th interval VMP, VMP-3-39, held vacuum during the attempted purge and was most likely submerged.

VMPs that were submerged and could not be sampled during 2Q20 are identified on **Figures 4** through **6**.

Re-samples – One VMP port was re-sampled in 2Q20.

VMP-54-5 was re-sampled on May 21, 2020, due to the helium concentration in the samples as received by the laboratory. Results from the re-sample are included in this report.

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

3.2 Health & Safety, Decontamination, and Investigation Derived Waste

Health & Safety

The quarterly sampling activities were performed in accordance with the project-specific Health and Safety Plan (HASP), dated December 30, 2019 (AECOM, 2019a).

In addition to HASP guidance, quarterly activities were performed in accordance with federal, state, AECOM, and site-specific COVID-19 procedures, following safe working precautions and social distancing recommendations.

Prior to beginning site work and at the start of work each day, a daily safety meeting was held. The purpose of this meeting was to discuss the day's planned activities and to address any potential health and safety concerns. As a part of the daily safety meeting, job safety analyses (now known as Task Hazard Assessments [THAs]) were prepared to address task specific safety concerns.

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

A PID with a 10.6 electron volt (eV) probe, combustible gas indicator (CGI), UltraRAE 3000 with benzene specific measuring tubes, and individual hydrogen sulfide gas detectors (for locations inside WRR) were used as needed during the field activities to monitor air quality. Field instruments were calibrated prior to use each day in accordance with the manufacturer's specifications.

Decontamination

Field personnel and equipment underwent decontamination procedures to ensure the health and safety of those present, to maintain sample integrity, and to minimize cross-contamination. Non-disposable/reusable sampling equipment (e.g., compression fittings) was decontaminated prior to the collection of each analytical sample by spraying with Liquinox® and distilled water. For stainless steel vapor sampling equipment, a 60 mL syringe was attached to the sampling apparatus and ambient air was pumped into the sampling apparatus to remove any internal dust particles or moisture. Personnel and small equipment decontamination was performed at the sample locations.

Investigation Derived Waste

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

3.3 Sample Handling and Laboratory Testing

Sample Handling

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

Laboratory Testing

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

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

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

3.4 Data Quality Review and Data Management

Laboratory data were provided in electronic form, and analytical data were independently reviewed and qualified by AECOM. One hundred percent of the data were subjected to a data quality review. Evaluation of the data followed procedures outlined in the USEPA National Functional Guidelines for Superfund Organic Methods Data Review (USEPA, 2017). Specific criteria reviewed included sample receipt condition and holding times, method blanks, surrogate spike recoveries, laboratory control samples, results reported from dilutions, and field duplicate results. The laboratory assigned data qualifiers on the basis of their quality control or to indicate sample analysis information (e.g., dilutions). Data qualifiers were also added by AECOM, as appropriate, and are included on the data tables and laboratory result pages. Laboratory reports are included in the project files.

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

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

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

- Field logbooks
- Groundwater field gauging sheets
- Soil vapor sample collection sheets
- Field sample collection data via computer
- Safety documentation

4 Soil Vapor Sampling Results

4.1 Data Quality Review Results

A total of 142 investigative samples and 16 field duplicate samples were collected from VMPs for analysis of VOCs (TO-15 analytes) and natural gases. Results qualified by AECOM due to method blank contamination, field duplicate results, and quality control sample recoveries are specified in the data reviews, which are retained in the project file. Based on method blanks, laboratory control sample recoveries, results reported from dilutions, and field duplicate results, soil vapor results reported for the analyses performed were accepted for their intended use.

4.2 Soil Vapor Analytical Results

The following TO-15 analytes were detected at concentrations at or above the reporting limit in soil vapor during the 2Q20 sampling event:

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

No new analytes were detected in 2Q20. 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 cumulative 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**. **Tables 5, 6,** and **7** present results for reporting quarter plus three previous quarters.

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

Village

Benzene was detected in 18 of 119 samples collected in the Village. Detected concentrations of benzene from locations within the Village ranged from an estimated 0.00069 mg/m^3 (VMP-44-10) to an estimated 0.48 mg/m^3 (VMP-3-31.5). The results for samples collected in the Village indicate that one sample (VMP-3-31.5; 31.5 ft bgs) had a benzene concentration above the residential screening criterion (0.37 mg/m^3) during this sampling event. Benzene concentrations in the shallow (5-10 ft bgs) and intermediate (10-20 ft bgs) zones in the Village, including VMP-3, were below the residential screening criterion. 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 was detected in 13 of 32 samples collected in the Roxana Public Works Yard and the area along Illinois Route 111 and Rand Avenue. Benzene concentrations ranged from an estimated 0.0012 mg/m^3 (VMP-13-10.5) to 0.26 mg/m^3 (VMP-11-5). The results of samples collected from the Roxana Public Works Yard and area along Illinois Route 111 and Rand Avenue 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 3 of 7 samples collected in the WRR in 2Q20, and ranged in concentration from an estimated 0.54 mg/m^3 (VMP-16-13.5) to an estimated 1.8 mg/m^3 (VMP-16-31). The results of samples collected in the WRR 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 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 data indicate that, where petroleum impacts are present, the concentration of methane increases from shallow to deep sample depths, while oxygen concentrations decrease from shallow to deep sample depths (methane and oxygen are generally inversely correlated in soil vapor). Over time, the trend in oxygen levels in most VMPs has been generally increasing since the SVE system has been operating. Higher oxygen levels (>5%) with lower methane levels indicate an environment capable of supporting aerobic biodegradation (Ririe et al., 1998). Oxygen levels are in the range of 19% to 20.9% in most VMPs closer to the SVE system (e.g., along Chaffer Avenue) in the Village. A summary of the natural gas results is presented in **Table 7**.

4.3 Conceptual Site Model

Vapor Intrusion

The primary concern for shallow soil gas is the potential for intrusion through basement and/or building slabs. In September 2011, SOPUS began installation of a full scale SVE system to address the source of these vapors. The system became operational on January 31, 2012, following the completion of the 1st Quarter 2012 (1Q12) sampling effort. The objective of the SVE system is to mitigate vapors along the WFL of the WRR and in the vicinity of the Roxana Public Works Yard. Construction of the Roxana Public Works Yard portion of the SVE system was completed during 4Q12, and this portion became operational on December 3, 2012. Construction of the red line extension portion of the SVE system was completed during 4Q13, and this portion became operational on October 23, 2013. Construction of the blue line extension portion of the SVE system was completed during 4Q14, and this portion became operational on November 5, 2014. Refer to **Section 5.1** for further discussion on SVE system operation. **Figure 8** presents a cross-section along Chaffer Avenue with a vertical distribution of the benzene concentrations superimposed.

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

C Tech Development Corporation's Mining Visualization System PRO, Version 9.94 (MVS-PRO) was used to model the estimated distribution of benzene in the soil vapor above IEPA TACO screening criteria for 2Q20. **Figure 9**, **Figure 10**, and **Figure 11** present a horizontal distribution of benzene at 5, 10, and 25 ft. bgs, respectively. Contour lines are not depicted on Figures 9 and 10 as sample concentrations at the 5 and 10 ft. depths across the study area were below the residential screening criterion (0.37 mg/m^3).

Groundwater Monitoring Well Gauging and Sampling

The results for groundwater monitoring well gauging and sampling are presented in the Interim Groundwater Monitoring Program – 2nd Quarter 2020 Report (AECOM, 2020b). **Figure 12** presents the estimated distribution of dissolved phase benzene in the groundwater. Light non-aqueous phase liquid (LNAPL) thicknesses observed during the 2Q20 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 2Q20. SVE system history is further discussed in **Appendix A**.

5.1 SVE System Operations

Approximately 312 gallons of condensate were removed from the Public Works aboveground storage tank (AST) in 2Q20, as compared to 440 gallons in 1Q20. Condensate from the Public Works AST was transported to the Heritage Environmental Services facility in Indianapolis, Indiana for treatment. Approximately 1,257 gallons of condensate from the WFL AST was removed in 2Q20, as compared to 1,244 gallons in 1Q20. 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.

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, 2019b). 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.

On June 16, 2020, sediment that had accumulated in the casing of extraction well SVE-42 was removed.

A chronology of maintenance and operation activities associated with the system during 2Q20 can be found in **Appendix C.**

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

5.3 SVE System Monitoring Results

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

SVE Well & VMP Tedlar® Sampling Details:

SVE and VMP well locations sampled during 2Q20 (listed below) are shown on **Figure 14**.

– SVE wells operating during the 2Q20 effectiveness monitoring events were:

- SVE-3R, SVE-42, and SVE-47[4] are located in the Village.
- SVE-11, SVE-12, SVE-13, SVE-17, SVE-18, SVE-19, SVE-20, SVE-30 through SVE-33, and SVE-38 through SVE-40 are located on WRR North Property.
- SVE-24 and SVE-27 are located in the Roxana Public Works Yard.
- Samples were collected from all operating SVE wells during 2Q20 effectiveness monitoring events.

– Fifty-one VMP locations were sampled monthly during 2Q20 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**.

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**.

– 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 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 D**.

– WFL and Public Works header concentrations decreased in 2Q20. However, WFL and Public Works header hydrocarbon mass removal increased in 2Q20 due a higher percentage of system uptime compared to 1Q20 (system uptime in January, February, and March 2020 was 35.2%, 0.0%, and 66.8%, respectively). See system downtime and hydrocarbon mass removal calculation discussion details in **Section 5.4**.

– During 2Q20, LNAPL was observed in SVE-45. The screened interval for this location was installed in the vadose zone above the groundwater table. Groundwater monitoring wells in the vicinity of SVE-45 did not contain LNAPL in 2Q20; therefore the LNAPL observed originates in the vadose zone and not the groundwater. During 2Q20 approximately 0.59 gallons of LNAPL was recovered from SVE-45. LNAPL was not removed from SVE-45 in 2Q20 because work in the Village was limited due to shelter-in-place orders associated with COVID-19.

– 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.

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

5.4 SVE System Operation Evaluation

For the months of April, May, and June 2020, the system uptime was 100%, 99.50%, and 91.51%, respectively.

April			May			June		
Total Time	Total Uptime	Percentage Uptime	Total Time	Total Uptime	Percentage Uptime	Total Time	Total Uptime	Percentage Uptime
720 hours	720 hours	100%	744 hours	740.31 hours	99.50%	720 hours	658.9 hours	91.51%

During 2Q20 the SVE system experienced two unplanned periods of downtime:

- June 10 through June 12, 2020, the system was shut down due to a suspected issue with the actuator for the RTO combustion air and the #1 poppet shaft proximity switch. An electrical contractor was brought onsite and on June 12, the necessary repairs were made, and the system restarted. The system was down for approximately 47 hours and 36 minutes during this period.

- June 17, 2020, the system shut down due to an alarm condition associated with the exterior system fan variable frequency drive (VFD). The system was down for approximately 3 hours and 12 minutes.

The remainder of downtime in 2Q20 was associated with routine (planned) maintenance activities. A summary table of system downtime by date for 2Q20 and the maintenance log can be found in **Appendix C**.

Due to changing system and environmental conditions, the amount of water introduced into the system varies and can accumulate in the piping which can inhibit air flow. Because water accumulates in the system piping, a periodic "sweeping" of the lines is required to purge the piping of accumulated water. By opening the well cap at the extraction well, ambient air is introduced to the piping at a high rate of flow forcing the water through the piping and sweeping it into the VLS units. Line sweeping was performed ten times in 2Q20 for the WFL and PW headers.

In 2Q20 potable water was periodically added to the WFL VLS unit when dry. This is done to mitigate dust buildiup in the VLS filter, increase filter lifespan, and minimize reduction of air flow.

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. Supplemental dilution utilization is noted in **Appendix C**.

Hydrocarbon Mass Removal

The total hydrocarbon mass of soil vapor removed by the SVE system was estimated by measuring the total hydrocarbon concentrations of the extracted soil vapors and the soil vapor flow rates into the SVE system. The results of the header and RTO exhaust analytical data can be found in **Table 10**. A FID calibrated with methane gas was used to measure total hydrocarbon concentrations in samples collected from the WFL Header and the Public Works Header. Total header hydrocarbon concentrations are included in **Appendix 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[5]. The flow rates for the appropriate legs were summed to determine flow rates in the WFL Header and the Public Works Header. Flow

[5] USEPA Method 2 "Determination of Stack Gas Velocity and Volumetric Flow Rate (Type S Pitot Tube)" specifies that a default pitot tube coefficient of 0.99 shall be used to calculate flow if the coefficient is unknown and the tube is designed according to the criteria of Sections 6.7.1 to 6.7.5 of this method. During the 2nd Quarter 2013 (2Q13), a review of the calculation was performed, and it was noted that a 0.67 coefficient should be used for the specific pitot tubes used to collect data at the site. AECOM has corrected the previously calculated mass removal to reflect the 0.67 pitot tube coefficient.

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:

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

$Where$:

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

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

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

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

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

$Unit\ conversions$:

$60\ minutes\ per\ hour$

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

$2000\ pounds\ per\ tons$

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, 22.1 lb/lb-mole and 20.4 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 2Q20.

The molecular weights, which are recalculated every quarter, are the average weight of all samples taken during a given quarter. The conversion from volume concentration (ppmv) to mass concentrations (lb/SCF) was taken from the USEPA document AP-42 Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fifth Edition, Appendix A (USEPA, 1995). The total hydrocarbon mass removed during each period was summed to determine the quarterly total hydrocarbon mass removed. The mass removed is summarized in the table below.

Quarterly Total Hydrocarbon Mass Removed				
Quarter	West Fenceline Mass (tons)	Public Works Mass (tons)	Quarterly Mass (tons)	Cumulative Mass Removed (tons)
2Q12	124	36	160	160
3Q12	96	23	119	279
4Q12	53	22	75	354
1Q13	39	12	51	405
2Q13	60	17	77	482
3Q13	68	26	94	576
4Q13	89	37	126	702
1Q14	72	22	94	796
2Q14	83	36	119	915
3Q14	94	34	128	1,043
4Q14	106	33	139	1,182
1Q15	167	42	209	1,391
2Q15	174	52	226	1,617
3Q15	137	48	185	1,802
4Q15	111	35	146	1,948
1Q16	91	23	114	2,062
2Q16	78	24	102	2,164
3Q16	57	24	81	2,245
4Q16	32	7	39	2,284
1Q17	38	6	44	2,328
2Q17	51	4	55	2,383
3Q17	33	6	39	2,422
4Q17	33	12	45	2,467
1Q18	36	25	61	2,528
2Q18	54	25	79	2,607
3Q18	59	21	80	2,687
4Q18	50	17	67	2,754
1Q19	52	25	77	2,831
2Q19	69	13	79	2,913
3Q19	31	4	35	2,948
4Q19	25	7	32	2,980
1Q20	15	5	20	3,000
2Q20	32	6	38	3,038

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 2Q20 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 2Q20:

- Soil vapor samples were collected from 46 locations and 142 ports during 2Q20. Due to subsurface water conditions, 27 ports were submerged and unable to be sampled.
- Benzene was detected above the RL at one location, and between the MDL and RL at 14 locations within the Village and ranged in concentration from an estimated 0.00069 mg/m^3 to an estimated 0.48 mg/m^3. The residential screening criterion (0.37 mg/m^3) was exceeded at one VMP within the Village (0.48 mg/m^3 at VMP-3; 31.5 ft bgs). Benzene concentrations in the shallow and intermediate zones in the Village, including VMP-3, were below the residential screening criterion.
- Benzene was detected above the RL at three locations, and between the MDL and RL at eight locations within Roxana Public Works Yard and the area along Illinois Route 111 and Rand Avenue, and ranged in concentration from an estimated 0.0012 mg/m^3 to 0.26 mg/m^3. The commercial/industrial screening criterion (2.8 mg/m^3) was not exceeded at any VMPs located at the Public Works Yard or the area along Illinois Route 111 and Rand Avenue.
- Benzene was detected in three samples collected at the two locations sampled in the WRR in 2Q20, and ranged in concentration from an estimated 0.54 mg/m^3 to an estimated 1.8 mg/m^3. The commercial/industrial screening criterion (2.8 mg/m^3) was not exceeded at any VMPs located in the WRR.
- As presented in detail above, the SVE system continues to operate efficiently and effectively. We continue to assess system operations with a focus on Sustainability, and anticipate including additional Sustainability data and discussions in future reports.
- The data and observations presented in this quarterly soil vapor monitoring report provide further support for the conclusions and requested course of action presented in the TACO Tier III Demonstration for soil gas submitted to the IEPA on April 6, 2017.

Limitations:

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

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

7 References

AECOM, 2019 (AECOM, 2019a); Shell Project HAZWOPER Health and Safety Plan - Rand Avenue, Roxana/Route 111, and WRR Investigation and Remediation; Prepared for Shell Oil Products US (SOPUS); dated December 30, 2019.

AECOM, 2019; (AECOM, 2019b); SVE Operations and Maintenance Plan – WRB Refining LP, Wood River Refinery & Roxana Public Works Site; Prepared for Shell Oil Products US (SOPUS); dated September 2019.

AECOM, 2020; (AECOM, 2020); Interim Groundwater Monitoring Program – 2nd Quarter 2020 – Roxana, Illinois; Prepared for Shell Oil Products US (SOPUS); dated July 2020.

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

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

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

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

Illinois Environmental Protection Agency (IEPA), 2013; (IEPA, 2013); Tiered Approach to Corrective Action Objectives Title 35 – Part 742; Appendix B, Table H: Tier 1 Soil Gas and Groundwater Remediation Objectives for the Indoor Inhalation Exposure Route – Diffusion and Advection. Effective July 15, 2013 from www.ipcb.state.il.us/documents/dsweb/Get/Document-38408.

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

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

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

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

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

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

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

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

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

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

URS Corporation (URS), 2015; (URS, 2015); SVE System Construction Completion Report Addendum No. 3 – Roxana, Illinois; Prepared for Shell Oil Products US (SOPUS); dated March 4, 2015.

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

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

Tables

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 01											
3Q17	442.65	7/5/2017	NE	37.24	NA	NA	NA	405.41	393.85 - 383.85 (48.80 - 58.80)	11.3	*
4Q17		10/2/2017	NE	37.62	NA	NA	NA	405.03		0.1	*
1Q18		1/2/2018	NE	39.42	NA	NA	NA	403.23		2.6	*
2Q18		4/2/2018	NE	40.76	NA	NA	NA	401.89		0.0	*
3Q18		7/2/2018	NE	41.36	NA	NA	NA	401.29		0.0	*
4Q18		10/1/2018	NE	41.25	NA	NA	NA	401.40		0.0	*
1Q19		1/2/2019	NE	41.04	NA	NA	NA	401.61		0.0	*
2Q19		4/1/2019	NE	41.00	NA	NA	NA	401.65		0.0	*
3Q19	442.83	7/1/2019	NE	36.65	NA	NA	NA	406.18	394.03 - 384.03 (48.80 - 58.80)	0.0	*
4Q19		10/1/2019	NE	35.66	NA	NA	NA	407.17		0.1	*
1Q20		1/2/2020	NE	36.89	NA	NA	NA	405.94		0.0	*
2Q20		4/1/2020	NE	36.72	NA	NA	NA	406.11		0.0	*
MW 02											
3Q17	443.77	7/5/2017	NE	38.69	NA	NA	NA	405.08	393.90 - 383.90 (49.87 - 59.87)	365	*
4Q17		10/2/2017	NE	38.87	NA	NA	NA	404.90		15000	*
1Q18		1/2/2018	NE	41.27	NA	NA	NA	402.50		106	*
2Q18		4/3/2018	NE	41.84	NA	NA	NA	401.93		62.2	*
3Q18		7/2/2018	NE	42.78	NA	NA	NA	400.99		70.0	*
4Q18		10/1/2018	NE	42.68	NA	NA	NA	401.09		1460	*
1Q19		1/2/2019	NE	42.44	NA	NA	NA	401.33		118	*
2Q19		4/1/2019	NE	42.49	NA	NA	NA	401.28		250	*
3Q19	443.93	7/1/2019	NE	38.26	NA	NA	NA	405.67	394.06 - 384.06 (49.87 - 59.87)	200	*
4Q19		10/1/2019	NE	37.11	NA	NA	NA	406.82		34.6	*
1Q20		1/2/2020	NE	38.39	NA	NA	NA	405.54		0.0	*
2Q20		4/1/2020	NE	38.19	NA	NA	NA	405.74		139	*
MW 03											
3Q17	430.08	7/5/2017	NE	24.17	NA	NA	NA	405.91	395.41 - 385.41 (34.67 - 44.67)	3.1	*
4Q17		10/2/2017	NE	24.98	NA	NA	NA	405.10		0.0	*
1Q18		1/2/2018	NE	27.17	NA	NA	NA	402.91		0.4	*
2Q18		4/2/2018	NE	28.03	NA	NA	NA	402.05		0.0	*
3Q18		7/2/2018	NE	28.32	NA	NA	NA	401.76		0.2	*
4Q18		10/1/2018	NE	28.20	NA	NA	NA	401.88		0.0	*
1Q19		1/2/2019	NE	27.95	NA	NA	NA	402.13		0.0	*
2Q19		4/1/2019	NE	27.85	NA	NA	NA	402.23		0.0	*
3Q19	430.23	7/1/2019	NE	23.10	NA	NA	NA	407.13	395.56 - 385.56 (34.67 - 44.67)	0.0	*
4Q19		10/1/2019	NE	22.53	NA	NA	NA	407.70		0.0	*
1Q20		1/2/2020	NE	23.74	NA	NA	NA	406.49		0.0	*
2Q20		4/1/2020	NE	23.75	NA	NA	NA	406.48		0.0	*
MW 04											
3Q17	441.14	7/5/2017	NE	35.65	NA	NA	NA	405.49	396.08 - 386.08 (45.06 - 55.06)	10.6	*
4Q17		10/2/2017	NE	36.20	NA	NA	NA	404.94		0.2	*
1Q18		1/2/2018	NE	38.46	NA	NA	NA	402.68		1.9	*
2Q18		4/2/2018	NE	39.26	NA	NA	NA	401.88		29.2	*
3Q18		7/2/2018	NE	39.73	NA	NA	NA	401.41		0.0	*
4Q18		10/1/2018	NE	39.64	NA	NA	NA	401.50		0.0	*
1Q19		1/2/2019	NE	39.38	NA	NA	NA	401.76		0.0	*
2Q19		4/1/2019	NE	39.27	NA	NA	NA	401.87		0.0	*
3Q19	441.31	7/1/2019	NE	34.84	NA	NA	NA	406.47	396.25 - 386.25 (45.06 - 55.06)	16.9	*
4Q19		10/1/2019	NE	33.97	NA	NA	NA	407.34		0.7	*
1Q20		1/2/2020	NE	35.25	NA	NA	NA	406.06		0.0	*
2Q20		4/1/2020	NE	35.14	NA	NA	NA	406.17		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 05											
3Q17	429.80	7/5/2017	NE	23.96	NA	NA	NA	405.84	395.83 - 385.83 (33.97 - 43.97)	0.3	*
4Q17		10/2/2017	NE	24.78	NA	NA	NA	405.02		0.0	*
1Q18		1/2/2018	NE	27.01	NA	NA	NA	402.79		0.1	*
2Q18		4/2/2018	NE	27.73	NA	NA	NA	402.07		0.0	*
3Q18		7/2/2018	NE	27.99	NA	NA	NA	401.81		0.1	*
4Q18		10/2/2018	NE	27.93	NA	NA	NA	401.87		0.0	*
1Q19		1/2/2019	NE	27.64	NA	NA	NA	402.16		0.0	*
2Q19		4/1/2019	NE	27.50	NA	NA	NA	402.30		0.0	*
3Q19	429.98	7/1/2019	NE	22.80	NA	NA	NA	407.18	396.01 - 386.01 (33.97 - 43.97)	4.1	*
4Q19		10/1/2019	NE	22.24	NA	NA	NA	407.74		0.0	*
1Q20		1/2/2020	NE	23.46	NA	NA	NA	406.52		0.0	*
2Q20		4/1/2020	NE	23.44	NA	NA	NA	406.54		0.0	*
MW 06A											
3Q17	432.14	7/5/2017	NE	26.11	NA	NA	NA	406.03	397.31 - 387.31 (34.83 - 44.83)	0.2	*
4Q17		10/2/2017	NE	26.98	NA	NA	NA	405.16		0.0	*
1Q18		1/2/2018	NE	29.18	NA	NA	NA	402.96		0.0	*
2Q18		4/2/2018	NE	29.82	NA	NA	NA	402.32	398.29 - 388.29 (33.85 - 43.85)	0.0	*
3Q18		7/2/2018	NE	30.05	NA	NA	NA	402.09		0.0	*
4Q18		10/2/2018	NE	30.03	NA	NA	NA	402.11		0.0	*
1Q19		1/2/2019	NE	29.77	NA	NA	NA	402.37		0.0	*
2Q19		4/2/2019	NE	29.42	NA	NA	NA	402.72		0.0	*
3Q19	432.33	7/1/2019	NE	24.94	NA	NA	NA	407.39	398.48 - 388.48 (33.85 - 43.85)	0.0	*
4Q19		10/1/2019	NE	24.40	NA	NA	NA	407.93		0.0	*
1Q20		1/2/2020	NE	25.60	NA	NA	NA	406.73		0.0	*
2Q20		4/1/2020	NE	25.59	NA	NA	NA	406.74		0.0	*
MW 06B											
3Q17	432.29	7/5/2017	NE	26.16	NA	NA	NA	406.13	368.24 - 363.24 (64.05 - 69.05)	37.6	*
4Q17		10/2/2017	NE	27.02	NA	NA	NA	405.27		0.0	*
1Q18		1/2/2018	NE	29.22	NA	NA	NA	403.07		0.0	*
2Q18		4/2/2018	NE	29.88	NA	NA	NA	402.41		0.0	*
3Q18		7/2/2018	NE	30.10	NA	NA	NA	402.19		0.0	*
4Q18		10/2/2018	NE	30.09	NA	NA	NA	402.20		0.0	*
1Q19		1/2/2019	NE	29.81	NA	NA	NA	402.48		0.0	*
2Q19		4/2/2019	NE	29.46	NA	NA	NA	402.83		0.0	*
3Q19	432.37	7/1/2019	NE	24.97	NA	NA	NA	407.40	368.32 - 363.32 (64.05 - 69.05)	0.0	*
4Q19		10/1/2019	NE	24.47	NA	NA	NA	407.90		0.1	*
1Q20		1/2/2020	NE	25.66	NA	NA	NA	406.71		0.0	*
2Q20		4/1/2020	NE	25.64	NA	NA	NA	406.73		0.0	*
MW 06C											
3Q17	432.11	7/5/2017	NE	25.96	NA	NA	NA	406.15	347.16 - 342.16 (84.95 - 89.95)	15.4	*
4Q17		10/2/2017	NE	26.81	NA	NA	NA	405.30		0.0	*
1Q18		1/2/2018	NE	29.01	NA	NA	NA	403.10		0.0	*
2Q18		4/2/2018	NE	29.68	NA	NA	NA	402.43		0.0	*
3Q18		7/2/2018	NE	29.90	NA	NA	NA	402.21		0.0	*
4Q18		10/2/2018	NE	29.87	NA	NA	NA	402.24		0.0	*
1Q19		1/2/2019	NE	29.61	NA	NA	NA	402.50		0.0	*
2Q19		4/2/2019	NE	29.25	NA	NA	NA	402.86		0.0	*
3Q19	432.18	7/1/2019	NE	24.77	NA	NA	NA	407.41	347.23 - 342.23 (84.95 - 89.95)	0.0	*
4Q19		10/1/2019	NE	24.25	NA	NA	NA	407.93		0.1	*
1Q20		1/2/2020	NE	25.46	NA	NA	NA	406.72		0.0	*
2Q20		4/1/2020	NE	25.40	NA	NA	NA	406.78		0.0	*

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 06D											
3Q17	431.99	7/5/2017	NE	25.83	NA	NA	NA	406.16	327.27 - 322.27 (104.72 - 109.72)	0.4	*
4Q17		10/2/2017	NE	26.68	NA	NA	NA	405.31		0.0	*
1Q18		1/2/2018	NE	28.87	NA	NA	NA	403.12		0.0	*
2Q18		4/2/2018	NE	29.53	NA	NA	NA	402.46		0.0	*
3Q18		7/2/2018	NE	29.74	NA	NA	NA	402.25		0.0	*
4Q18		10/2/2018	NE	29.72	NA	NA	NA	402.27		0.0	*
1Q19		1/2/2019	NE	29.45	NA	NA	NA	402.54		0.0	*
2Q19		4/2/2019	NE	29.11	NA	NA	NA	402.88		0.0	*
3Q19	432.06	7/1/2019	NE	24.60	NA	NA	NA	407.46	327.34 - 322.34 (104.72 - 109.72)	0.0	*
4Q19		10/1/2019	NE	24.09	NA	NA	NA	407.97		0.0	*
1Q20		1/2/2020	NE	25.31	NA	NA	NA	406.75		0.0	*
2Q20		4/1/2020	NE	25.25	NA	NA	NA	406.81		0.0	*
MW 07											
3Q17	443.10	7/5/2017	NE	37.82	NA	NA	NA	405.28	400.18 - 390.18 (42.92 - 52.92)	139	*
4Q17		10/2/2017	NE	38.37	NA	NA	NA	404.73		15000	*
1Q18		1/4/2018	NE	40.57	NA	NA	NA	402.53		2840	** PID data from 1/2/2018
2Q18		4/2/2018	NE	41.32	NA	NA	NA	401.78		490	*
3Q18		7/2/2018	NE	41.76	NA	NA	NA	401.34		5380	*
4Q18		10/2/2018	NE	41.72	NA	NA	NA	401.38		15000	*
1Q19		1/2/2019	NE	41.45	NA	NA	NA	401.65		2574	*
2Q19		4/1/2019	NE	41.33	NA	NA	NA	401.77		683	*
3Q19	443.31	7/1/2019	NE	36.94	NA	NA	NA	406.37	400.39 - 390.39 (42.92 - 52.92)	9714	*
4Q19		10/1/2019	NE	36.08	NA	NA	NA	407.23		3349	*
1Q20		1/2/2020	NE	37.39	NA	NA	NA	405.92		1900	*
2Q20		4/1/2020	NE	37.34	NA	NA	NA	405.97		5935	*
MW 08											
3Q17	434.11	7/5/2017	NE	28.55	NA	NA	NA	405.56	400.51 - 390.51 (33.60 - 43.60)	370	*
4Q17		10/2/2017	NE	29.28	NA	NA	NA	404.83		15000	*
1Q18		1/2/2018	NE	31.53	NA	NA	NA	402.58		87.6	*
2Q18		4/2/2018	NE	32.24	NA	NA	NA	401.87		169	*
3Q18		7/2/2018	NE	32.54	NA	NA	NA	401.57		231	*
4Q18		10/2/2018	NE	32.47	NA	NA	NA	401.64		1.4	*
1Q19		1/2/2019	NE	32.20	NA	NA	NA	401.91		0.0	*
2Q19		4/1/2019	NE	32.06	NA	NA	NA	402.05		0.0	*
3Q19	434.43	7/1/2019	NE	27.49	NA	NA	NA	406.94	400.83 - 390.83 (33.60 - 43.60)	6186	*
4Q19		10/1/2019	NE	26.85	NA	NA	NA	407.58		43.8	*
1Q20		1/2/2020	NE	28.06	NA	NA	NA	406.37		2.7	*
2Q20		4/1/2020	NE	28.02	NA	NA	NA	406.41		0.0	*
MW 09											
3Q17	445.20	7/5/2017	NE	38.89	NA	NA	NA	406.31	398.75 - 388.75 (46.45 - 56.45)	0.0	*
4Q17		10/2/2017	NE	39.22	NA	NA	NA	405.98		0.2	*
1Q18		1/2/2018	NE	41.08	NA	NA	NA	404.12		2.9	*
2Q18		4/3/2018	NE	42.12	NA	NA	NA	403.08	399.16 - 389.16 (46.04 - 56.04)	0.0	*
3Q18		7/2/2018	NE	42.86	NA	NA	NA	402.34		0.0	*
4Q18		10/1/2018	NE	42.91	NA	NA	NA	402.29		0.0	*
1Q19		1/3/2019	NE	42.85	NA	NA	NA	402.35		0.0	*
2Q19		4/1/2019	NE	42.90	NA	NA	NA	402.30		0.0	*
3Q19	445.28	7/1/2019	NE	39.16	NA	NA	NA	406.12	399.24 - 389.24 (46.04 - 56.04)	1.9	*
4Q19		10/1/2019	NE	37.90	NA	NA	NA	407.38		0.0	*
1Q20		1/2/2020	NE	38.61	NA	NA	NA	406.67		0.0	*
2Q20		4/1/2020	NE	38.52	NA	NA	NA	406.76		0.0	*

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WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 10											
3Q17	445.03	7/5/2017	NE	38.95	NA	NA	NA	406.08	400.60 - 390.60 (44.43 - 54.43)	0.0	*
4Q17		10/2/2017	NE	39.06	NA	NA	NA	405.97		0.3	*
1Q18		1/2/2018	NE	40.94	NA	NA	NA	404.09		6.9	*
2Q18		4/2/2018	NE	42.10	NA	NA	NA	402.93		0.0	*
3Q18		7/2/2018	NE	42.94	NA	NA	NA	402.09		0.0	*
4Q18		10/2/2018	NE	43.08	NA	NA	NA	401.95		0.0	*
1Q19		1/2/2019	NE	43.02	NA	NA	NA	402.01		0.0	*
2Q19		4/1/2019	NE	43.20	NA	NA	NA	401.83		5.3	*
3Q19	445.06	7/1/2019	NE	39.75	NA	NA	NA	405.31	400.63 - 390.63 (44.43 - 54.43)	0.0	*
4Q19		10/1/2019	NE	38.24	NA	NA	NA	406.82		0.0	*
1Q20		1/2/2020	NE	38.79	NA	NA	NA	406.27		0.0	*
2Q20		4/1/2020	NE	38.54	NA	NA	NA	406.52		0.0	*
MW 11											
3Q17	442.33	7/5/2017	NE	36.46	NA	NA	NA	405.87	400.67 - 390.67 (41.66 - 51.66)	0.0	*
4Q17		10/2/2017	NE	36.69	NA	NA	NA	405.64		0.0	*
1Q18		1/2/2018	NE	38.93	NA	NA	NA	403.40		0.6	*
2Q18		4/2/2018	NE	39.93	NA	NA	NA	402.40		0.0	*
3Q18		7/2/2018	NE	40.59	NA	NA	NA	401.74		0.0	*
4Q18		10/1/2018	NE	40.58	NA	NA	NA	401.75		0.0	*
1Q19		1/3/2019	NE	40.46	NA	NA	NA	401.87		0.0	*
2Q19		4/1/2019	NE	40.47	NA	NA	NA	401.86		0.0	*
3Q19	442.38	7/1/2019	NE	36.33	NA	NA	NA	406.05	400.72 - 390.72 (41.66 - 51.66)	0.0	*
4Q19		10/1/2019	NE	35.20	NA	NA	NA	407.18		0.0	*
1Q20		1/2/2020	NE	36.20	NA	NA	NA	406.18		0.0	*
2Q20		4/1/2020	NE	35.98	NA	NA	NA	406.40		0.0	*
MW 12											
3Q17	442.60	7/5/2017	NE	36.84	NA	NA	NA	405.76	400.68 - 390.68 (41.92 - 51.92)	8.1	*
4Q17		10/2/2017	NE	37.24	NA	NA	NA	405.36		0.0	*
1Q18		1/2/2018	NE	39.55	NA	NA	NA	403.05		0.8	*
2Q18		4/3/2018	NE	40.38	NA	NA	NA	402.22		0.0	*
3Q18		7/2/2018	NE	41.00	NA	NA	NA	401.60		0.0	*
4Q18		10/1/2018	NE	40.94	NA	NA	NA	401.66		0.0	*
1Q19		1/2/2019	NE	40.70	NA	NA	NA	401.90		0.0	*
2Q19		4/1/2019	NE	40.72	NA	NA	NA	401.88		0.0	*
3Q19	442.64	7/1/2019	NE	36.32	NA	NA	NA	406.32	400.72 - 390.72 (41.92 - 51.92)	0.0	*
4Q19		10/1/2019	NE	35.39	NA	NA	NA	407.25		0.0	*
1Q20		1/2/2020	NE	36.56	NA	NA	NA	406.08		0.0	*
2Q20		4/1/2020	NE	36.38	NA	NA	NA	406.26		0.1	*
MW 13											
3Q17	430.27	7/6/2017	NE	23.67	NA	NA	NA	406.60	404.70 - 394.70 (25.57 - 35.57)	162	*
4Q17		10/2/2017	NE	24.95	NA	NA	NA	405.32		69.1	*
1Q18		1/3/2018	NE	26.97	NA	NA	NA	403.30		65.2	
2Q18		4/4/2018	NE	27.92	NA	NA	NA	402.35	405.47 - 395.47 (24.80 - 34.80)	0.0	
3Q18		7/3/2018	NE	27.67	NA	NA	NA	402.60		0.0	
4Q18		10/2/2018	NE	27.56	NA	NA	NA	402.71		4398	
1Q19		1/3/2019	NE	27.27	NA	NA	NA	403.00		231	
2Q19		4/3/2019	NE	27.03	NA	NA	NA	403.24		3.0	
3Q19	430.30	7/1/2019	NE	21.84	NA	NA	NA	408.46	405.50 - 395.50 (24.80 - 34.80)	81.1	*
4Q19		10/2/2019	NE	21.90	NA	NA	NA	408.40		0.4	*
1Q20		1/3/2020	NE	23.29	NA	NA	NA	407.01		0.0	*
2Q20		4/3/2020	NE	23.02	NA	NA	NA	407.28		0.0	*

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WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 14											
3Q17	434.44	7/6/2017	NE	28.34	NA	NA	NA	406.10	401.02 - 391.02 (33.42 - 43.42)	35.3	*
4Q17		10/3/2017	NE	29.24	NA	NA	NA	405.20		160	*
1Q18		1/4/2018	NE	31.23	NA	NA	NA	403.21		45.2	*
2Q18		4/4/2018	NE	32.17	NA	NA	NA	402.27		40.7	*
3Q18		7/2/2018	NE	32.19	NA	NA	NA	402.25		82.8	*
4Q18		10/3/2018	NE	32.07	NA	NA	NA	402.37		12.0	*
1Q19		1/4/2019	NE	31.78	NA	NA	NA	402.66		73.4	*
2Q19		4/2/2019	NE	31.52	NA	NA	NA	402.92		400	*
3Q19	434.61	7/2/2019	NE	27.22	NA	NA	NA	407.39	401.19 - 391.19 (33.42 - 43.42)	596	*
4Q19		10/2/2019	NE	26.64	NA	NA	NA	407.97		49.8	*
1Q20		1/3/2020	NE	27.98	NA	NA	NA	406.63		69.9	*
2Q20		4/3/2020	NE	27.66	NA	NA	NA	406.95		75.1	*
MW 16											
3Q17	443.39	7/5/2017	NE	38.18	NA	NA	NA	405.21	406.33 - 396.33 (37.06 - 47.06)	4.6	
4Q17		10/2/2017	NE	38.15	NA	NA	NA	405.24		0.0	
1Q18		1/2/2018	NE	40.68	NA	NA	NA	402.71		0.8	
2Q18		4/3/2018	NE	41.42	NA	NA	NA	401.97	405.89 - 395.89 (37.50 - 47.50)	0.0	
3Q18		7/2/2018	NE	42.33	NA	NA	NA	401.06		0.0	
4Q18		10/1/2018	NE	42.27	NA	NA	NA	401.12		0.0	
1Q19		1/11/2019	NE	42.10	NA	NA	NA	401.29		0.0	
2Q19		4/1/2019	NE	42.11	NA	NA	NA	401.28		0.0	
3Q19	443.60	7/2/2019	NE	37.87	NA	NA	NA	405.73	406.10 - 396.10 (37.50 - 47.50)	0.0	
4Q19		10/1/2019	NE	36.74	NA	NA	NA	406.86		0.0	*
1Q20		1/2/2020	NE	37.94	NA	NA	NA	405.66		0.0	
2Q20		4/13/2020	NE	37.64	NA	NA	NA	405.96		0.0	
MW 17											
3Q17	441.57	7/5/2017	NE	36.74	NA	NA	NA	404.83	407.28 - 392.28 (34.29 - 49.29)	0.0	
4Q17		10/2/2017	NE	36.03	NA	NA	NA	405.54		0.0	
1Q18		1/3/2018	NE	38.79	NA	NA	NA	402.78		362	PID data from 1/2/2018
2Q18		4/2/2018	NE	39.67	NA	NA	NA	401.90		0.0	
3Q18		7/2/2018	NE	40.82	NA	NA	NA	400.75		0.0	
4Q18		10/1/2018	NE	40.78	NA	NA	NA	400.79		0.0	
1Q19		1/3/2019	NE	40.54	NA	NA	NA	401.03		0.0	
2Q19		4/1/2019	NE	40.63	NA	NA	NA	400.94		0.0	
3Q19	441.78	7/1/2019	NE	36.88	NA	NA	NA	404.90	407.49 - 392.49 (34.29 - 49.29)	0.0	
4Q19		10/1/2019	NE	35.40	NA	NA	NA	406.38		0.0	
1Q20		1/2/2020	NE	36.67	NA	NA	NA	405.11		157	
2Q20		4/1/2020	NE	35.82	NA	NA	NA	405.96		0.0	
MW 18											
3Q17	442.04	7/5/2017	NE	37.38	NA	NA	NA	404.66	407.12 - 392.12 (34.92 - 49.92)	0.0	
4Q17		10/2/2017	NE	36.62	NA	NA	NA	405.42		0.0	
1Q18		1/2/2018	NE	39.73	NA	NA	NA	402.31		3.2	
2Q18		4/2/2018	NE	40.34	NA	NA	NA	401.70		0.0	
3Q18		7/2/2018	NE	41.47	NA	NA	NA	400.57		0.0	
4Q18		10/1/2018	NE	41.43	NA	NA	NA	400.61		0.0	
1Q19		1/2/2019	NE	41.13	NA	NA	NA	400.91		0.0	
2Q19		4/1/2019	NE	41.29	NA	NA	NA	400.75		0.0	
3Q19	442.24	7/1/2019	NE	37.30	NA	NA	NA	404.94	407.32 - 392.32 (34.92 - 49.92)	0.0	
4Q19		10/2/2019	NE	35.86	NA	NA	NA	406.38		0.0	
1Q20		1/2/2020	NE	37.29	NA	NA	NA	404.95		0.0	
2Q20		4/1/2020	NE	36.38	NA	NA	NA	405.86		0.0	

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 19											
3Q17	442.77	7/5/2017	NE	37.93	NA	NA	NA	404.84	406.43 - 391.43 (36.34 - 51.34)	0.0	
4Q17		10/2/2017	NE	37.51	NA	NA	NA	405.26		0.0	
1Q18		1/4/2018	NE	40.32	NA	NA	NA	402.45		43.8	PID data from 1/2/2018
2Q18		4/3/2018	NE	40.90	NA	NA	NA	401.87		0.0	
3Q18		7/2/2018	NE	42.08	NA	NA	NA	400.69		0.0	
4Q18		10/1/2018	NE	42.04	NA	NA	NA	400.73		0.1	
1Q19		1/2/2019	NE	41.76	NA	NA	NA	401.01		0.0	
2Q19		4/1/2019	NE	41.92	NA	NA	NA	400.85		0.0	
3Q19	442.98	7/1/2019	NE	37.88	NA	NA	NA	405.10	406.64 - 391.64 (36.34 - 51.34)	0.0	
4Q19		10/2/2019	NE	36.49	NA	NA	NA	406.49		22.5	
1Q20		1/2/2020	NE	37.83	NA	NA	NA	405.15		0.0	
2Q20		4/1/2020	NE	37.20	NA	NA	NA	405.78		0.0	
MW 20											
3Q17	443.67	7/5/2017	NE	38.69	NA	NA	NA	404.98	407.79 - 392.79 (35.88 - 50.88)	38.7	
4Q17		10/2/2017	NE	38.64	NA	NA	NA	405.03		0.0	
1Q18		1/3/2018	NE	41.03	NA	NA	NA	402.64		27.0	PID data from 1/2/2018
2Q18		4/3/2018	NE	41.76	NA	NA	NA	401.91		0.0	
3Q18		7/2/2018	NE	42.88	NA	NA	NA	400.79		0.0	
4Q18		10/2/2018	NE	42.77	NA	NA	NA	400.90		0.0	
1Q19		1/2/2019	NE	42.55	NA	NA	NA	401.12		0.0	
2Q19		4/1/2019	NE	42.62	NA	NA	NA	401.05		0.0	
3Q19	443.86	7/1/2019	NE	38.56	NA	NA	NA	405.30	407.98 - 392.98 (35.88 - 50.88)	0.0	
4Q19		10/2/2019	NE	37.22	NA	NA	NA	406.64		0.0	
1Q20		1/2/2020	NE	38.49	NA	NA	NA	405.37		0.0	
2Q20		4/1/2020	NE	38.14	NA	NA	NA	405.72		0.0	
MW 21											
3Q17	443.81	7/5/2017	NE	38.74	NA	NA	NA	405.07	408.80 - 393.80 (35.01 - 50.01)	0.0	
4Q17		10/2/2017	NE	39.12	NA	NA	NA	404.69		0.0	
1Q18		1/2/2018	NE	41.44	NA	NA	NA	402.37		2.0	
2Q18		4/3/2018	NE	41.98	NA	NA	NA	401.83		0.1	
3Q18		7/2/2018	NE	42.74	NA	NA	NA	401.07		0.0	
4Q18		10/2/2018	NE	42.70	NA	NA	NA	401.11		8.7	
1Q19		1/2/2019	NE	42.42	NA	NA	NA	401.39		0.0	
2Q19		4/1/2019	NE	42.39	NA	NA	NA	401.42		0.0	
3Q19	444.01	7/1/2019	NE	38.11	NA	NA	NA	405.90	409.00 - 394.00 (35.01 - 50.01)	0.6	
4Q19		10/1/2019	NE	37.05	NA	NA	NA	406.96		0.0	
1Q20		1/2/2020	NE	38.39	NA	NA	NA	405.62		0.0	
2Q20		4/1/2020	NE	38.25	NA	NA	NA	405.76		0.0	
MW 22											
3Q17	442.16	7/5/2017	NE	36.89	NA	NA	NA	405.27	404.28 - 394.28 (37.88 - 47.88)	16.5	*
4Q17		10/2/2017	NE	36.74	NA	NA	NA	405.42		8.1	*
1Q18		1/3/2018	NE	39.14	NA	NA	NA	403.02		10.1	PID data from 1/2/2018
2Q18		4/3/2018	NE	40.01	NA	NA	NA	402.15	403.73 - 393.73 (38.43 - 48.43)	0.0	
3Q18		7/2/2018	NE	41.00	NA	NA	NA	401.16		0.0	
4Q18		10/2/2018	NE	40.96	NA	NA	NA	401.20		0.0	
1Q19		1/9/2019	NE	40.91	NA	NA	NA	401.25		0.0	
2Q19		4/2/2019	NE	40.79	NA	NA	NA	401.37		0.0	
3Q19	442.38	7/1/2019	NM	NM	NA	NA	NA	NA	403.95 - 393.95 (38.43 - 48.43)	NM	Unable to access
4Q19		10/2/2019	NE	35.50	NA	NA	NA	406.88		0.0	*
1Q20		1/2/2020	NE	36.84	NA	NA	NA	405.54		0.0	*
2Q20		4/1/2020	NE	36.22	NA	NA	NA	406.16		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 23											
3Q17	431.41	7/5/2017	NE	25.08	NA	NA	NA	406.33	402.39 - 392.39 (29.02 - 39.02)	0.5	*
4Q17		10/2/2017	NE	26.35	NA	NA	NA	405.06		0.0	*
1Q18		1/2/2018	NE	28.34	NA	NA	NA	403.07		0.6	*
2Q18		4/2/2018	NE	29.20	NA	NA	NA	402.21		36.4	
3Q18		7/2/2018	NE	29.19	NA	NA	NA	402.22		0.0	
4Q18		10/1/2018	NE	29.08	NA	NA	NA	402.33		0.0	
1Q19		1/3/2019	NE	28.81	NA	NA	NA	402.60		0.0	*
2Q19		4/2/2019	NE	28.49	NA	NA	NA	402.92		0.0	*
3Q19	431.57	7/1/2019	NE	23.34	NA	NA	NA	408.23	402.55 - 392.55 (29.02 - 39.02)	1.2	*
4Q19		10/1/2019	NE	23.30	NA	NA	NA	408.27		0.1	*
1Q20		1/2/2020	NE	24.54	NA	NA	NA	407.03		0.0	*
2Q20		4/1/2020	NE	24.54	NA	NA	NA	407.03		0.1	*
MW 24											
3Q17	443.42	7/5/2017	NE	37.75	NA	NA	NA	405.67	404.53 - 394.53 (38.89 - 48.89)	3.6	*
4Q17		10/2/2017	NE	38.03	NA	NA	NA	405.39		0.0	*
1Q18		1/3/2018	NE	40.22	NA	NA	NA	403.20		0.5	PID data from 1/2/2018
2Q18		4/3/2018	NE	41.17	NA	NA	NA	402.25	403.81 - 393.81 (39.61 - 49.61)	0.2	
3Q18		7/2/2018	NE	41.86	NA	NA	NA	401.56		0.0	
4Q18		10/1/2018	NE	41.83	NA	NA	NA	401.59		1.8	
1Q19		1/2/2019	NE	41.63	NA	NA	NA	401.79		0.0	
2Q19		4/1/2019	NE	41.70	NA	NA	NA	401.72		0.0	
3Q19	443.65	7/1/2019	NE	37.42	NA	NA	NA	406.23	404.04 - 394.04 (39.61 - 49.61)	0.0	*
4Q19		10/1/2019	NE	36.40	NA	NA	NA	407.25		0.0	*
1Q20		1/2/2020	NE	37.42	NA	NA	NA	406.23		0.0	*
2Q20		4/1/2020	NE	37.26	NA	NA	NA	406.39		0.0	*
MW 25											
3Q17	438.35	7/5/2017	NE	32.77	NA	NA	NA	405.58	402.76 - 392.76 (35.59 - 45.59)	61.9	*
4Q17		10/2/2017	NE	33.40	NA	NA	NA	404.95		1999	*
1Q18		1/3/2018	NE	35.51	NA	NA	NA	402.84		69.2	*
2Q18		4/2/2018	NE	36.44	NA	NA	NA	401.91		110	
3Q18		7/2/2018	NE	36.82	NA	NA	NA	401.53		0.5	
4Q18		10/2/2018	NE	36.75	NA	NA	NA	401.60		3.9	
1Q19		1/2/2019	NE	36.47	NA	NA	NA	401.88		44.7	
2Q19		4/1/2019	NE	36.36	NA	NA	NA	401.99		150	
3Q19	438.53	7/1/2019	NE	31.85	NA	NA	NA	406.68	402.94 - 392.94 (35.59 - 45.59)	32.8	*
4Q19		10/1/2019	NE	31.08	NA	NA	NA	407.45		76.5	*
1Q20		1/2/2020	NE	32.35	NA	NA	NA	406.18		99.5	*
2Q20		4/1/2020	NE	32.26	NA	NA	NA	406.27		103	*
MW 26											
3Q17	441.02	7/5/2017	NE	35.60	NA	NA	NA	405.42	402.87 - 392.87 (38.15 - 48.15)	0.0	*
4Q17		10/2/2017	NE	36.05	NA	NA	NA	404.97		0.0	*
1Q18		1/2/2018	NE	38.33	NA	NA	NA	402.69		5.0	
2Q18		4/4/2018	NE	39.35	NA	NA	NA	401.67		0.0	
3Q18		7/2/2018	NE	39.71	NA	NA	NA	401.31		0.2	
4Q18		10/1/2018	NE	39.60	NA	NA	NA	401.42		0.0	
1Q19		1/2/2019	NE	39.38	NA	NA	NA	401.64		0.0	
2Q19		4/1/2019	NE	39.30	NA	NA	NA	401.72		0.0	
3Q19	441.23	7/1/2019	NE	34.94	NA	NA	NA	406.29	403.08 - 393.08 (38.15 - 48.15)	0.0	*
4Q19		10/1/2019	NE	33.99	NA	NA	NA	407.24		0.0	*
1Q20		1/2/2020	NE	35.24	NA	NA	NA	405.99		0.0	*
2Q20		4/3/2020	NE	35.16	NA	NA	NA	406.07		0.0	*

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 27											
3Q17	443.40	7/5/2017	NE	37.35	NA	NA	NA	406.05	403.61 - 393.61 (39.79 - 49.79)	0.0	*
4Q17		10/3/2017	NE	37.25	NA	NA	NA	406.15		0.0	*
1Q18		1/2/2018	NE	38.78	NA	NA	NA	404.62		1.7	*
2Q18		4/3/2018	NE	40.19	NA	NA	NA	403.21		0.0	
3Q18		7/2/2018	NE	41.16	NA	NA	NA	402.24		0.0	
4Q18		10/1/2018	NE	41.11	NA	NA	NA	402.29		0.0	
1Q19		1/3/2019	NE	40.99	NA	NA	NA	402.41		0.0	
2Q19		4/1/2019	NE	41.26	NA	NA	NA	402.14		0.0	
3Q19	443.60	7/1/2019	NE	38.03	NA	NA	NA	405.57	403.81 - 393.81 (39.79 - 49.79)	0.0	*
4Q19		10/1/2019	NE	36.00	NA	NA	NA	407.60		0.0	*
1Q20		1/2/2020	NE	36.80	NA	NA	NA	406.80		0.0	*
2Q20		4/1/2020	NE	36.82	NA	NA	NA	406.78		0.0	*
MW 28											
3Q17	443.34	7/5/2017	NE	36.63	NA	NA	NA	406.71	409.73 - 399.73 (33.61 - 43.61)	0.0	
4Q17		10/2/2017	NE	36.61	NA	NA	NA	406.73		0.1	
1Q18		1/2/2018	NE	37.96	NA	NA	NA	405.38		0.9	
2Q18		4/3/2018	NE	39.39	NA	NA	NA	403.95		0.0	
3Q18		7/2/2018	NE	40.14	NA	NA	NA	403.20		0.0	
4Q18		10/1/2018	NE	40.18	NA	NA	NA	403.16		0.0	
1Q19		1/3/2019	NE	40.20	NA	NA	NA	403.14		0.0	
2Q19		4/1/2019	NE	40.46	NA	NA	NA	402.88		0.0	
3Q19	443.55	7/1/2019	NE	37.56	NA	NA	NA	405.99	409.94 - 399.94 (33.61 - 43.61)	0.0	
4Q19		10/1/2019	NE	35.72	NA	NA	NA	407.83		0.0	
1Q20		1/2/2020	NE	36.11	NA	NA	NA	407.44		0.0	
2Q20		4/1/2020	NE	36.24	NA	NA	NA	407.31		0.0	
P 01											
3Q17	442.73	7/5/2017	NE	26.73	NA	NA	NA	416.00	380.78 - 375.78 (61.95 - 66.95)	0.0	*
4Q17		10/3/2017	NE	28.94	NA	NA	NA	413.79		0.0	*
1Q18		1/4/2018	NE	30.05	NA	NA	NA	412.68		0.0	*
2Q18		4/4/2018	NE	30.60	NA	NA	NA	412.13	380.51 - 375.51 (62.22 - 67.22)	0.0	*
3Q18		7/3/2018	NE	31.03	NA	NA	NA	411.70		0.0	*
4Q18		10/3/2018	NE	31.93	NA	NA	NA	410.80		0.1	*
1Q19		1/3/2019	NE	33.27	NA	NA	NA	409.46		0.0	*
2Q19		4/3/2019	NE	32.24	NA	NA	NA	410.49		0.0	*
3Q19	442.98	7/2/2019	NE	29.96	NA	NA	NA	413.02	380.76 - 375.76 (62.22 - 67.22)	0.0	*
4Q19		10/2/2019	NE	29.51	NA	NA	NA	413.47		0.0	*
1Q20		1/3/2020	NE	29.63	NA	NA	NA	413.35		0.0	*
2Q20		4/1/2020	NE	27.85	NA	NA	NA	415.13		0.0	*
P 4U											
3Q17	442.54	7/5/2017	NE	28.12	NA	NA	NA	414.42	361.39 - 359.39 (81.15 - 83.15)	5.3	*
4Q17		10/3/2017	NE	30.04	NA	NA	NA	412.50		0.0	*
1Q18		1/4/2018	NE	31.25	NA	NA	NA	411.29		0.0	*
2Q18		4/4/2018	NE	32.40	NA	NA	NA	410.14		0.0	*
3Q18		7/3/2018	NE	32.61	NA	NA	NA	409.93		0.0	*
4Q18		10/3/2018	NE	33.25	NA	NA	NA	409.29		0.0	*
1Q19		1/4/2019	NE	34.45	NA	NA	NA	408.09		0.0	*
2Q19		4/3/2019	NE	34.06	NA	NA	NA	408.48		0.0	*
3Q19	442.74	7/2/2019	NE	31.80	NA	NA	NA	410.94	361.59 - 359.59 (81.15 - 83.15)	0.0	*
4Q19		10/2/2019	NE	31.10	NA	NA	NA	411.64		0.0	*
1Q20		1/3/2020	NE	31.11	NA	NA	NA	411.63		0.0	*
2Q20		4/1/2020	NE	29.40	NA	NA	NA	413.34		0.0	*

TABLE 1
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WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 5L											
3Q17	443.84	7/5/2017	NE	27.33	NA	NA	NA	416.51	303.44 - 301.44 (140.40 - 142.40)	2.1	*
4Q17		10/3/2017	NE	30.23	NA	NA	NA	413.61		0.0	*
1Q18		1/3/2018	NE	31.43	NA	NA	NA	412.41		0.0	*
2Q18		4/3/2018	NE	31.85	NA	NA	NA	411.99		0.0	*
3Q18		7/3/2018	NE	32.59	NA	NA	NA	411.25		0.0	*
4Q18		10/3/2018	NE	33.59	NA	NA	NA	410.25		0.0	*
1Q19		1/4/2019	NE	34.93	NA	NA	NA	408.91		0.0	*
2Q19		4/3/2019	NE	34.05	NA	NA	NA	409.79		0.0	*
3Q19	444.01	7/2/2019	NE	31.10	NA	NA	NA	412.91	303.61 - 301.61 (140.40 - 142.40)	0.0	*
4Q19		10/2/2019	NE	30.98	NA	NA	NA	413.03		0.0	*
1Q20		1/3/2020	NE	31.18	NA	NA	NA	412.83		0.0	*
2Q20		4/1/2020	NE	29.25	NA	NA	NA	414.76		0.0	*
P 5U											
3Q17	444.24	7/5/2017	NE	29.11	NA	NA	NA	415.13	313.61 - 311.61 (130.63 - 132.63)	0.0	*
4Q17		10/3/2017	NE	31.40	NA	NA	NA	412.84		0.0	*
1Q18		1/3/2018	NE	32.44	NA	NA	NA	411.80		0.1	*
2Q18		4/3/2018	NE	33.14	NA	NA	NA	411.10		0.0	*
3Q18		7/3/2018	NE	33.86	NA	NA	NA	410.38		0.0	*
4Q18		10/3/2018	NE	34.77	NA	NA	NA	409.47		0.0	*
1Q19		1/4/2019	NE	36.21	NA	NA	NA	408.03		0.0	*
2Q19		4/3/2019	NE	35.29	NA	NA	NA	408.95		0.0	*
3Q19	444.42	7/2/2019	NE	33.08	NA	NA	NA	411.34	313.79 - 311.79 (130.63 - 132.63)	0.0	*
4Q19		10/2/2019	NE	32.31	NA	NA	NA	412.11		0.0	*
1Q20		1/3/2020	NE	32.29	NA	NA	NA	412.13		0.0	*
2Q20		4/1/2020	NE	30.38	NA	NA	NA	414.04		0.0	*
P 6U											
3Q17	443.45	7/5/2017	NE	28.50	NA	NA	NA	414.95	362.95 - 360.95 (80.50 - 82.50)	0.6	*
4Q17		10/3/2017	NE	31.82	NA	NA	NA	411.63		0.0	*
1Q18		1/4/2018	NE	32.14	NA	NA	NA	411.31		0.0	*
2Q18		4/3/2018	NE	32.69	NA	NA	NA	410.76		0.0	*
3Q18		7/3/2018	NE	33.39	NA	NA	NA	410.06		0.0	*
4Q18		10/3/2018	NE	34.06	NA	NA	NA	409.39		0.0	*
1Q19		1/4/2019	NE	35.37	NA	NA	NA	408.08		0.0	*
2Q19		4/3/2019	NE	35.00	NA	NA	NA	408.45		0.0	*
3Q19	443.63	7/2/2019	NE	32.51	NA	NA	NA	411.12	363.13 - 361.13 (80.50 - 82.50)	0.0	*
4Q19		10/2/2019	NE	31.92	NA	NA	NA	411.71		0.0	*
1Q20		1/3/2020	NE	32.04	NA	NA	NA	411.59		0.0	*
2Q20		4/1/2020	NE	30.20	NA	NA	NA	413.43		0.0	*
P 7U											
3Q17	443.91	7/5/2017	NE	28.52	NA	NA	NA	415.39	382.83 - 380.83 (61.08 - 63.08)	5.3	*
4Q17		10/3/2017	NE	31.10	NA	NA	NA	412.81		0.0	*
1Q18		1/3/2018	NE	32.38	NA	NA	NA	411.53		0.0	*
2Q18		4/3/2018	NE	33.01	NA	NA	NA	410.90		0.0	*
3Q18		7/3/2018	NE	33.65	NA	NA	NA	410.26		0.0	*
4Q18		10/3/2018	NE	34.39	NA	NA	NA	409.52		0.0	*
1Q19		1/4/2019	NE	35.76	NA	NA	NA	408.15		0.0	*
2Q19		4/3/2019	NE	35.25	NA	NA	NA	408.66		0.0	*
3Q19	444.08	7/2/2019	NE	32.68	NA	NA	NA	411.40	383.00 - 381.00 (61.08 - 63.08)	0.0	*
4Q19		10/2/2019	NE	32.15	NA	NA	NA	411.93		0.0	*
1Q20		1/3/2020	NE	32.34	NA	NA	NA	411.74		0.0	*
2Q20		4/1/2020	NE	30.45	NA	NA	NA	413.63		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 8U											
3Q17	441.85	7/6/2017	NE	29.86	NA	NA	NA	411.99	382.33 - 380.33 (59.52 - 61.52)	0.0	*
4Q17		10/3/2017	NE	30.85	NA	NA	NA	411.00		1.6	*
1Q18		1/4/2018	NE	32.20	NA	NA	NA	409.65		83.5	*
2Q18		4/3/2018	NE	33.13	NA	NA	NA	408.72	381.72 - 379.72 (60.13 - 62.13)	0.0	*
3Q18		7/3/2018	NE	33.88	NA	NA	NA	407.97		0.0	*
4Q18		10/2/2018	NE	34.39	NA	NA	NA	407.46		0.0	*
1Q19		1/3/2019	NE	35.60	NA	NA	NA	406.25		0.0	*
2Q19		4/2/2019	NE	35.24	NA	NA	NA	406.61		0.0	*
3Q19	442.07	7/2/2019	NE	33.51	NA	NA	NA	408.56	381.94 - 379.94 (60.13 - 62.13)	0.0	*
4Q19		10/2/2019	NE	32.58	NA	NA	NA	409.49		0.0	*
1Q20		1/3/2020	NE	31.32	NA	NA	NA	410.75		0.0	*
2Q20		4/1/2020	NE	30.70	NA	NA	NA	411.37	382.72 - 380.72 (59.35 - 61.35)	0.0	*
P 9U											
3Q17	445.04	7/6/2017	NE	34.22	NA	NA	NA	410.82	344.45 - 342.45 (100.59 - 102.59)	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 we l - Unable to access
3Q18		7/3/2018	NE	38.51	NA	NA	NA	406.53		0.0	*
4Q18		10/2/2018	NE	39.11	NA	NA	NA	405.93		0.0	*
1Q19		1/3/2019	NE	40.12	NA	NA	NA	404.92		0.0	*
2Q19		4/2/2019	NE	40.14	NA	NA	NA	404.90		0.0	*
3Q19	445.20	7/2/2019	NE	38.31	NA	NA	NA	406.89	344.61 - 342.61 (100.59 - 102.59)	0.0	*
4Q19		10/2/2019	NE	41.75	NA	NA	NA	403.45		0.0	*
1Q20		1/2/2020	NE	36.80	NA	NA	NA	408.40		0.0	*
2Q20		4/1/2020	NE	35.40	NA	NA	NA	409.80		0.0	*
P 11L											
3Q17	442.55	7/6/2017	NE	31.05	NA	NA	NA	411.50	332.34 - 330.34 (110.21 - 112.21)	0.0	*
4Q17		10/3/2017	NE	31.66	NA	NA	NA	410.89		0.0	*
1Q18		1/4/2018	NE	32.83	NA	NA	NA	409.72		0.0	*
2Q18		4/3/2018	NE	33.92	NA	NA	NA	408.63		0.0	*
3Q18		7/3/2018	NE	34.66	NA	NA	NA	407.89		0.0	*
4Q18		10/2/2018	NE	35.08	NA	NA	NA	407.47		0.0	*
1Q19		1/4/2019	NE	36.07	NA	NA	NA	406.48		0.0	*
2Q19		4/3/2019	NE	36.07	NA	NA	NA	406.48		0.0	*
3Q19	442.76	7/2/2019	NE	34.80	NA	NA	NA	407.96	332.55 - 330.55 (110.21 - 112.21)	0.0	*
4Q19		10/2/2019	NE	33.20	NA	NA	NA	409.56		0.0	*
1Q20		1/3/2020	NE	32.86	NA	NA	NA	409.90		0.0	*
2Q20		4/2/2020	NE	31.37	NA	NA	NA	411.39		0.0	*
P 11U											
3Q17	443.17	7/6/2017	NE	31.65	NA	NA	NA	411.52	343.25 - 341.25 (99.92 - 101.92)	0.0	*
4Q17		10/3/2017	NE	32.27	NA	NA	NA	410.90		0.0	*
1Q18		1/4/2018	NE	33.45	NA	NA	NA	409.72		3.8	*
2Q18		4/3/2018	NE	34.50	NA	NA	NA	408.67		0.0	*
3Q18		7/3/2018	NE	35.25	NA	NA	NA	407.92		0.0	*
4Q18		10/2/2018	NE	35.68	NA	NA	NA	407.49		0.0	*
1Q19		1/4/2019	NE	36.73	NA	NA	NA	406.44		0.0	*
2Q19		4/3/2019	NE	36.67	NA	NA	NA	406.50		0.0	*
3Q19	443.38	7/2/2019	NE	34.94	NA	NA	NA	408.44	343.46 - 341.46 (99.92 - 101.92)	0.0	*
4Q19		10/2/2019	NE	33.80	NA	NA	NA	409.58		0.0	*
1Q20		1/3/2020	NE	33.49	NA	NA	NA	409.89		0.0	*
2Q20		4/2/2020	NE	31.98	NA	NA	NA	411.40		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 14											
3Q17	442.74	7/5/2017	NE	26.80	NA	NA	NA	415.94	395.41 - 385.41 (47.33 - 57.33)	0.0	*
4Q17		10/3/2017	NE	29.00	NA	NA	NA	413.74		0.0	*
1Q18		1/4/2018	NE	30.12	NA	NA	NA	412.62		0.0	*
2Q18		4/4/2018	NE	30.69	NA	NA	NA	412.05	395.27 - 385.27 (47.47 - 57.47)	0.0	*
3Q18		7/3/2018	NE	31.10	NA	NA	NA	411.64		0.0	*
4Q18		10/3/2018	NE	32.01	NA	NA	NA	410.73		0.0	*
1Q19		1/3/2019	NE	33.34	NA	NA	NA	409.40		0.0	*
2Q19		4/3/2019	NE	32.33	NA	NA	NA	410.41		0.0	*
3Q19	443.01	7/2/2019	NE	30.05	NA	NA	NA	412.96	395.54 - 385.54 (47.47 - 57.47)	0.0	*
4Q19		10/2/2019	NE	29.59	NA	NA	NA	413.42		0.0	*
1Q20		1/3/2020	NE	29.71	NA	NA	NA	413.30		0.0	*
2Q20		4/1/2020	NE	27.95	NA	NA	NA	415.06		0.0	*
P 15											
3Q17	443.69	7/5/2017	NE	28.75	NA	NA	NA	414.94	398.24 - 388.24 (45.45 - 55.45)	1.6	*
4Q17		10/3/2017	NE	30.70	NA	NA	NA	412.99		0.0	*
1Q18		1/4/2018	NE	31.93	NA	NA	NA	411.76		0.0	*
2Q18		4/4/2018	NE	33.19	NA	NA	NA	410.50		0.0	*
3Q18		7/3/2018	NE	33.28	NA	NA	NA	410.41		0.0	*
4Q18		10/3/2018	NE	33.86	NA	NA	NA	409.83		0.0	*
1Q19		1/4/2019	NE	35.10	NA	NA	NA	408.59		0.0	*
2Q19		4/3/2019	NE	34.75	NA	NA	NA	408.94		0.0	*
3Q19	443.88	7/2/2019	NE	32.11	NA	NA	NA	411.77	398.43 - 388.43 (45.45 - 55.45)	0.0	*
4Q19		10/2/2019	NE	31.70	NA	NA	NA	412.18		0.0	*
1Q20		1/3/2020	NE	31.80	NA	NA	NA	412.08		0.0	*
2Q20		4/1/2020	NE	30.10	NA	NA	NA	413.78		0.0	*
P 16											
3Q17	442.68	7/5/2017	NE	27.40	NA	NA	NA	415.28	396.94 - 386.94 (45.74 - 55.74)	4.2	*
4Q17		10/3/2017	NE	29.75	NA	NA	NA	412.93		0.0	*
1Q18		1/4/2018	NE	31.07	NA	NA	NA	411.61		0.0	*
2Q18		4/3/2018	NE	31.66	NA	NA	NA	411.02		0.0	*
3Q18		7/3/2018	NE	32.29	NA	NA	NA	410.39		0.0	*
4Q18		10/3/2018	NE	32.99	NA	NA	NA	409.69		0.0	*
1Q19		1/4/2019	NE	34.28	NA	NA	NA	408.40		0.0	*
2Q19		4/3/2019	NE	33.88	NA	NA	NA	408.80		0.0	*
3Q19	442.84	7/2/2019	NE	31.11	NA	NA	NA	411.73	397.10 - 387.10 (45.74 - 55.74)	0.0	*
4Q19		10/2/2019	NE	30.76	NA	NA	NA	412.08		0.0	*
1Q20		1/3/2020	NE	30.91	NA	NA	NA	411.93		0.0	*
2Q20		4/1/2020	NE	29.05	NA	NA	NA	413.79		0.0	*
P 43											
3Q17	444.44	7/6/2017	NE	31.87	NA	NA	NA	412.57	380.88 - 370.88 (63.56 - 73.56)	0.0	*
4Q17		10/3/2017	NE	33.15	NA	NA	NA	411.29		0.0	*
1Q18		1/4/2018	NE	34.34	NA	NA	NA	410.10		0.0	*
2Q18		4/3/2018	NE	35.37	NA	NA	NA	409.07		0.0	*
3Q18		7/3/2018	NE	36.11	NA	NA	NA	408.33		0.0	*
4Q18		10/2/2018	NE	36.53	NA	NA	NA	407.91		0.0	*
1Q19		1/4/2019	NE	37.59	NA	NA	NA	406.85		0.3	*
2Q19		4/3/2019	NE	37.55	NA	NA	NA	406.89		0.0	*
3Q19	444.62	7/2/2019	NE	35.45	NA	NA	NA	409.17	381.06 - 371.06 (63.56 - 73.56)	0.0	*
4Q19		10/2/2019	NE	34.64	NA	NA	NA	409.98		0.0	*
1Q20		1/3/2020	NE	34.37	NA	NA	NA	410.25		0.0	*
2Q20		4/2/2020	NE	32.83	NA	NA	NA	411.79		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 53											
3Q17	446.41	7/5/2017	NE	38.70	NA	NA	NA	407.71	407.91 - 382.91 (38.50 - 63.50)	0.0	
4Q17		10/3/2017	NE	38.92	NA	NA	NA	407.49		0.0	
1Q18		1/2/2018	NE	40.11	NA	NA	NA	406.30		0.5	
2Q18		4/3/2018	NE	41.38	NA	NA	NA	405.03		0.0	
3Q18		7/2/2018	NE	42.12	NA	NA	NA	404.29		0.0	
4Q18		10/2/2018	NE	42.54	NA	NA	NA	403.87		0.0	
1Q19		1/3/2019	NE	42.64	NA	NA	NA	403.77		0.0	
2Q19		4/1/2019	NE	42.79	NA	NA	NA	403.62	406.10 - 381.10 (40.31 - 65.31)	0.0	
3Q19	446.57	7/1/2019	NE	40.33	NA	NA	NA	406.24	406.26 - 381.26 (40.31 - 65.31)	0.0	
4Q19		10/1/2019	NE	38.69	NA	NA	NA	407.88		0.0	*
1Q20		1/2/2020	NE	38.63	NA	NA	NA	407.94		0.0	*
2Q20		4/2/2020	NE	38.36	NA	NA	NA	408.21		0.0	*
P 54											
3Q17	442.32	7/5/2017	NE	36.41	NA	NA	NA	405.91	404.32 - 379.32 (38.00 - 63.00)	0.0	*
4Q17		10/2/2017	NE	36.88	NA	NA	NA	405.44		0.0	*
1Q18		1/2/2018	NE	39.02	NA	NA	NA	403.30		0.4	
2Q18		4/3/2018	NE	39.94	NA	NA	NA	402.38		0.0	
3Q18		7/2/2018	NE	40.51	NA	NA	NA	401.81		0.0	
4Q18		10/2/2018	NE	40.50	NA	NA	NA	401.82		0.0	
1Q19		1/2/2019	NE	40.29	NA	NA	NA	402.03		0.0	
2Q19		4/1/2019	NE	40.36	NA	NA	NA	401.96		0.0	
3Q19	442.52	7/1/2019	NE	35.96	NA	NA	NA	406.56	404.52 - 379.52 (38.00 - 63.00)	0.0	*
4Q19		10/1/2019	NE	35.07	NA	NA	NA	407.45		0.0	*
1Q20		1/2/2020	NE	36.05	NA	NA	NA	406.47		0.0	*
2Q20		4/1/2020	NE	35.92	NA	NA	NA	406.60		0.0	*
P 55R											
3Q17	443.79	7/5/2017	37.88	37.97	405.82	405.91	0.09	405.89	403.36 - 393.36 (40.43 - 50.43)	162	*
4Q17		10/2/2017	37.81	37.98	405.81	405.98	0.17	405.95		104	*
1Q18		1/2/2018	40.30	40.38	403.41	403.49	0.08	403.47		260	*
2Q18		4/2/2018	39.20	41.25	402.54	404.59	2.05	404.18		238	*
3Q18		7/2/2018	41.51	42.12	401.67	402.28	0.61	402.16		152	
4Q18		10/1/2018	41.49	42.18	401.61	402.30	0.69	402.16		153	
1Q19		1/2/2019	41.84	42.27	401.52	401.95	0.43	401.86		15000	
2Q19		4/1/2019	41.21	41.52	402.27	402.58	0.31	402.52		280	
3Q19	444.01	7/1/2019	37.66	38.16	405.85	406.35	0.50	406.25	403.58 - 393.58 (40.43 - 50.43)	66.7	*
4Q19		10/1/2019	36.11	36.17	407.84	407.90	0.06	407.89		210	*
1Q20		1/2/2020	36.73	36.78	407.23	407.28	0.05	407.27		85.8	*
2Q20		4/1/2020	36.62	36.65	407.36	407.39	0.03	407.38		67.0	*
P 56											
3Q17	446.14	7/5/2017	NE	41.18	NA	NA	NA	404.96	405.32 - 380.32 (40.82 - 65.82)	0.2	
4Q17		10/2/2017	NE	41.05	NA	NA	NA	405.09		91.2	
1Q18		1/3/2018	NE	43.51	NA	NA	NA	402.63		209	
2Q18		4/3/2018	NE	44.24	NA	NA	NA	401.90		0.0	
3Q18		7/2/2018	NE	45.34	NA	NA	NA	400.80		0.0	
4Q18		10/1/2018	NE	45.27	NA	NA	NA	400.87		0.0	
1Q19		1/2/2019	NE	45.11	NA	NA	NA	401.03		0.0	
2Q19		4/1/2019	NE	45.07	NA	NA	NA	401.07		0.0	
3Q19	446.32	7/1/2019	NE	41.09	NA	NA	NA	405.23	405.50 - 380.50 (40.82 - 65.82)	0.1	
4Q19		10/1/2019	NE	39.72	NA	NA	NA	406.60		109	*
1Q20		1/2/2020	NE	41.01	NA	NA	NA	405.31		112	
2Q20		4/1/2020	NE	40.70	NA	NA	NA	405.62		113	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 57											
3Q17	446.96	7/5/2017	NE	41.92	NA	NA	NA	405.04	402.77 - 392.77 (44.19 - 54.19)	132	*
4Q17		10/2/2017	NE	42.35	NA	NA	NA	404.61		47.2	*
1Q18		1/2/2018	NE	44.59	NA	NA	NA	402.37		190	
2Q18		4/3/2018	NE	45.10	NA	NA	NA	401.86		1.3	
3Q18		7/2/2018	NE	45.89	NA	NA	NA	401.07		1.7	
4Q18		10/2/2018	NE	45.86	NA	NA	NA	401.10		0.2	
1Q19		1/2/2019	NE	45.66	NA	NA	NA	401.30		0.0	
2Q19		4/1/2019	NE	45.49	NA	NA	NA	401.47		0.0	
3Q19	447.15	7/1/2019	NE	41.35	NA	NA	NA	405.80	402.96 - 392.96 (44.19 - 54.19)	6.8	*
4Q19		10/1/2019	NE	40.19	NA	NA	NA	406.96		85.8	*
1Q20		1/2/2020	NE	41.59	NA	NA	NA	405.56		64.2	*
2Q20		4/1/2020	NE	41.43	NA	NA	NA	405.72		105	*
P 58											
3Q17	444.94	7/5/2017	NE	39.81	NA	NA	NA	405.13	404.73 - 379.73 (40.21 - 65.21)	11.4	*
4Q17		10/2/2017	40.32	40.35	404.59	404.62	0.03	404.61		5.1	
1Q18		1/2/2018	42.53	42.55	402.39	402.41	0.02	402.41		180	
2Q18		4/2/2018	NE	43.19	NA	NA	NA	401.75		0.0	
3Q18		7/2/2018	NE	43.70	NA	NA	NA	401.24		0.0	
		7/12/2018	43.63	43.64	401.30	401.31	0.01	401.31		0.0	
4Q18		10/1/2018	NE	43.66	NA	NA	NA	401.28		0.0	
1Q19		1/2/2019	43.42	43.43	401.51	401.52	0.01	401.52		0.0	
2Q19		4/1/2019	NE	43.19	NA	NA	NA	401.75		0.0	
3Q19	445.16	7/1/2019	NE	38.92	NA	NA	NA	406.24	404.95 - 379.95 (40.21 - 65.21)	2.5	*
4Q19		10/1/2019	37.93	37.94	407.22	407.23	0.01	407.23		67.2	*
1Q20		1/2/2020	39.38	40.00	405.16	405.78	0.62	405.66		38.5	*
2Q20		4/1/2020	39.30	39.31	405.85	405.86	0.01	405.86		41.0	*
P 59											
3Q17	446.86	7/5/2017	NE	42.08	NA	NA	NA	404.78	398.95 - 373.95 (47.91 - 72.91)	322	*
4Q17		10/2/2017	NE	41.57	NA	NA	NA	405.29		189	*
1Q18		1/4/2018	NE	44.44	NA	NA	NA	402.42		3119	*
2Q18		4/3/2018	NE	44.99	NA	NA	NA	401.87		108	*
3Q18		7/2/2018	NE	46.26	NA	NA	NA	400.60		214	*
4Q18		10/1/2018	NE	46.19	NA	NA	NA	400.67		179	*
1Q19		1/2/2019	NE	45.95	NA	NA	NA	400.91		15000	*
2Q19		4/1/2019	46.05	46.06	400.80	400.81	0.01	400.81		313	*
3Q19	447.07	7/1/2019	NE	42.06	NA	NA	NA	405.01	399.16 - 374.16 (47.91 - 72.91)	400	*
		7/15/2019	41.53	41.54	405.53	405.54	0.01	405.54		406	*
4Q19		10/1/2019	NE	40.61	NA	NA	NA	406.46		180	*
1Q20		1/2/2020	NE	41.99	NA	NA	NA	405.08		113	*
2Q20		4/1/2020	NE	41.35	NA	NA	NA	405.72		161	*
P 60											
3Q17	446.69	7/5/2017	41.49	41.51	405.18	405.20	0.02	405.20	403.24 - 383.24 (43.45 - 63.45)	15.0	*
4Q17		10/2/2017	41.12	41.15	405.54	405.57	0.03	405.56		34.9	*
1Q18		1/2/2018	43.54	43.56	403.13	403.15	0.02	403.15		118	
2Q18		4/3/2018	NE	44.25	NA	NA	NA	402.44	402.04 - 382.04 (44.65 - 64.65)	15.6	*
3Q18		7/2/2018	45.61	45.62	401.07	401.08	0.01	401.08		40.7	
4Q18		10/1/2018	45.61	45.63	401.06	401.08	0.02	401.08		36.7	
1Q19		1/2/2019	45.48	45.54	401.15	401.21	0.06	401.20		923	
2Q19		4/1/2019	45.62	45.63	401.06	401.07	0.01	401.07		83.5	
3Q19	446.88	7/1/2019	NE	41.98	NA	NA	NA	404.90	402.23 - 382.23 (44.65 - 64.65)	31.7	*
4Q19		10/1/2019	NE	40.42	NA	NA	NA	406.46		1.7	*
		10/15/2019	40.41	40.42	406.46	406.47	0.01	406.47		1.7	*
1Q20		1/2/2020	41.44	41.45	405.43	405.44	0.01	405.44		6.6	*
2Q20		4/1/2020	NE	40.87	NA	NA	NA	406.01		3.4	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 61											
3Q17	444.47	7/6/2017	39.60	39.71	404.76	404.87	0.11	404.85	398.80 - 373.80 (45.68 - 70.68)	935	*
4Q17		10/2/2017	39.43	39.61	404.86	405.04	0.18	405.00		20.1	*
1Q18		1/2/2018	41.78	41.84	402.63	402.69	0.06	402.68		313	*
2Q18		4/4/2018	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at wel - Unable to access
3Q18		7/2/2018	43.77	44.20	400.27	400.70	0.43	400.61		91.3	*
4Q18		10/2/2018	43.89	43.93	400.54	400.58	0.04	400.57		237	*
1Q19		1/3/2019	43.79	43.83	400.64	400.68	0.04	400.67		375	*
2Q19		4/1/2019	43.80	43.81	400.66	400.67	0.01	400.67		417	*
3Q19	444.66	7/1/2019	40.39	40.40	404.26	404.27	0.01	404.27	398.98 - 373.98 (45.68 - 70.68)	220	*
4Q19		10/1/2019	NE	38.74	NA	NA	NA	405.92		68.4	*
1Q20		1/7/2020	40.07	40.08	404.58	404.59	0.01	404.59		8.5	*
2Q20		4/2/2020	39.46	39.49	405.17	405.20	0.03	405.19		37.0	*
P 62											
3Q17	442.43	7/5/2017	37.28	37.33	405.10	405.15	0.05	405.14	400.96 - 375.96 (41.47 - 66.47)	32.0	*
4Q17		10/3/2017	37.49	37.52	404.91	404.94	0.03	404.93		201	*
1Q18		1/3/2018	39.05	39.09	403.34	403.38	0.04	403.37		345	*
2Q18		4/2/2018	40.03	41.01	401.42	402.40	0.98	402.20		151	*
3Q18		7/2/2018	41.38	42.49	399.94	401.05	1.11	400.83		0.0	
4Q18		10/3/2018	41.43	42.42	400.01	401.00	0.99	400.80		0.4	
1Q19		1/3/2019	41.47	42.57	399.86	400.96	1.10	400.74		1.2	
2Q19		4/1/2019	41.58	42.34	400.09	400.85	0.76	400.70		63.7	
3Q19	442.60	7/1/2019	38.86	38.89	403.71	403.74	0.03	403.73	401.13 - 376.13 (41.47 - 66.47)	301	*
4Q19		10/1/2019	37.05	37.08	405.52	405.55	0.03	405.54		104	*
1Q20		1/2/2020	37.59	37.65	404.95	405.01	0.06	405.00		40.1	*
2Q20		4/2/2020	37.19	37.21	405.39	405.41	0.02	405.41		46.0	*
P 63											
3Q17	445.85	7/6/2017	40.97	41.01	404.84	404.88	0.04	404.87	398.56 - 373.56 (47.29 - 72.29)	208	*
4Q17		10/3/2017	41.32	41.35	404.50	404.53	0.03	404.52		113	*
1Q18		1/3/2018	42.27	42.29	403.56	403.58	0.02	403.58		33.8	*
2Q18		4/4/2018	44.09	44.11	401.74	401.76	0.02	401.76		36.5	*
3Q18		7/3/2018	45.41	45.43	400.42	400.44	0.02	400.44		222	*
4Q18		10/2/2018	45.59	45.62	400.23	400.26	0.03	400.25		70.1	*
1Q19		1/3/2019	45.58	45.61	400.24	400.27	0.03	400.26		68.2	*
2Q19		4/1/2019	45.62	45.65	400.20	400.23	0.03	400.22		852	*
3Q19	446.06	7/1/2019	43.86	43.91	402.15	402.20	0.05	402.19	398.77 - 373.77 (47.29 - 72.29)	81.2	*
4Q19		10/2/2019	41.89	41.92	404.14	404.17	0.03	404.16		5.0	*
1Q20		1/2/2020	41.63	41.65	404.41	404.43	0.02	404.43		8.7	*
2Q20		4/2/2020	41.16	41.17	404.89	404.90	0.01	404.90		10.5	*
P 64											
3Q17	446.89	7/6/2017	42.09	42.16	404.73	404.80	0.07	404.79	399.66 - 374.66 (47.23 - 72.23)	332	*
4Q17		10/3/2017	NE	42.60	NA	NA	NA	404.29		215	*
1Q18		1/3/2018	43.20	43.23	403.66	403.69	0.03	403.68		278	*
2Q18		4/4/2018	45.14	45.19	401.70	401.75	0.05	401.74		184	*
3Q18		7/3/2018	46.69	46.73	400.16	400.20	0.04	400.19		269	*
4Q18		10/2/2018	46.94	46.99	399.90	399.95	0.05	399.94		178	*
1Q19		1/2/2019	47.21	47.53	399.36	399.68	0.32	399.62		2559	
2Q19		4/1/2019	46.96	47.08	399.81	399.93	0.12	399.91		1220	*
3Q19	446.78	7/1/2019	45.63	45.72	401.06	401.15	0.09	401.13	399.55 - 374.55 (47.23 - 72.23)	206	*
4Q19		10/2/2019	43.58	43.61	403.17	403.20	0.03	403.19		77.5	*
1Q20		1/2/2020	42.98	43.04	403.74	403.80	0.06	403.79		38.9	*
2Q20		4/1/2020	42.35	42.40	404.38	404.43	0.05	404.42		154	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 65											
3Q17	444.60	7/6/2017	NE	39.89	NA	NA	NA	404.71	397.58 - 372.58 (47.02 - 72.02)	65.6	*
4Q17		10/3/2017	NE	40.14	NA	NA	NA	404.46		83.2	*
1Q18		1/3/2018	NE	41.10	NA	NA	NA	403.50		5.0	*
2Q18		4/4/2018	NE	43.02	NA	NA	NA	401.58		3.5	*
3Q18		7/3/2018	NE	43.58	NA	NA	NA	401.02		24.9	*
4Q18		10/2/2018	NE	43.91	NA	NA	NA	400.69		4.0	*
1Q19		1/3/2019	NE	44.19	NA	NA	NA	400.41		115	*
2Q19		4/1/2019	43.92	43.93	400.67	400.68	0.01	400.68		185	*
3Q19	444.77	7/1/2019	NE	41.97	NA	NA	NA	402.80	397.75 - 372.75 (47.02 - 72.02)	72.8	*
4Q19		10/2/2019	40.01	40.02	404.75	404.76	0.01	404.76		31.1	*
1Q20		1/2/2020	NE	39.96	NA	NA	NA	404.81		9.0	*
2Q20		4/2/2020	NE	39.54	NA	NA	NA	405.23		1.3	*
P 66											
3Q17	436.81	7/6/2017	NE	31.32	NA	NA	NA	405.49	402.09 - 377.09 (34.72 - 59.72)	29.9	*
4Q17		10/2/2017	NE	31.96	NA	NA	NA	404.85		870	*
1Q18		1/4/2018	NE	34.06	NA	NA	NA	402.75		68.7	*
2Q18		4/4/2018	NE	35.12	NA	NA	NA	401.69		3.7	
3Q18		7/2/2018	NE	35.20	NA	NA	NA	401.61		0.0	
4Q18		10/3/2018	NE	35.03	NA	NA	NA	401.78		8.0	
1Q19		1/4/2019	NE	34.75	NA	NA	NA	402.06		1.2	
2Q19		4/2/2019	NE	34.48	NA	NA	NA	402.33		2.6	*
3Q19	437.00	7/2/2019	NE	30.27	NA	NA	NA	406.73	402.28 - 377.28 (34.72 - 59.72)	87.7	*
4Q19		10/2/2019	NE	29.50	NA	NA	NA	407.50		42.2	*
1Q20		1/3/2020	NE	30.98	NA	NA	NA	406.02		77.3	*
2Q20		4/3/2020	NE	30.84	NA	NA	NA	406.16		122	*
P 67											
3Q17	444.10	7/6/2017	NE	37.52	NA	NA	NA	406.58	402.12 - 377.12 (41.98 - 66.98)	4.9	*
4Q17		10/2/2017	NE	38.10	NA	NA	NA	406.00		366	*
1Q18		1/4/2018	39.98	39.99	404.11	404.12	0.01	404.12		36.7	*
2Q18		4/4/2018	NE	41.04	NA	NA	NA	403.06		6.0	*
3Q18		7/2/2018	41.21	41.24	402.86	402.89	0.03	402.88		0.0	*
4Q18		10/3/2018	41.12	41.14	402.96	402.98	0.02	402.98		0.0	*
1Q19		1/4/2019	40.97	41.00	403.10	403.13	0.03	403.12		25.0	*
2Q19		4/2/2019	40.81	40.82	403.28	403.29	0.01	403.29		99.9	*
3Q19	444.30	7/2/2019	37.20	37.24	407.06	407.10	0.04	407.09	402.32 - 377.32 (41.98 - 66.98)	1.1	*
4Q19		10/2/2019	36.27	36.32	407.98	408.03	0.05	408.02		0.9	*
1Q20		1/3/2020	37.30	37.31	406.99	407.00	0.01	407.00		4.4	*
2Q20		4/3/2020	36.91	36.92	407.38	407.39	0.01	407.39		12.0	*
P 68											
3Q17	445.18	7/5/2017	40.10	40.12	405.06	405.08	0.02	405.08	399.92 - 374.92 (45.26 - 70.26)	181	*
4Q17		10/2/2017	39.54	39.56	405.62	405.64	0.02	405.64		125	*
1Q18		1/3/2018	42.05	42.07	403.11	403.13	0.02	403.13		137	*
2Q18		4/3/2018	42.89	42.94	402.24	402.29	0.05	402.28	401.42 - 376.42 (43.76 - 68.76)	92.0	*
3Q18		7/2/2018	44.25	44.32	400.86	400.93	0.07	400.92		136	
4Q18		10/2/2018	44.22	44.31	400.87	400.96	0.09	400.94		169	
1Q19		1/3/2019	44.07	44.26	400.92	401.11	0.19	401.07		187	
2Q19		4/1/2019	44.21	44.34	400.84	400.97	0.13	400.94		468	
3Q19	445.38	7/1/2019	40.75	40.88	404.50	404.63	0.13	404.60	401.62 - 376.62 (43.76 - 68.76)	259	*
4Q19		10/1/2019	39.13	39.17	406.21	406.25	0.04	406.24		189	*
1Q20		1/2/2020	40.15	40.20	405.18	405.23	0.05	405.22		115	*
2Q20		4/2/2020	39.42	39.46	405.92	405.96	0.04	405.95		181	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 69											
3Q17	443.40	7/5/2017	NE	38.76	NA	NA	NA	404.64	402.58 - 377.58 (40.82 - 65.82)	142	*
4Q17		10/2/2017	NE	38.04	NA	NA	NA	405.36		210	*
1Q18		1/3/2018	NE	40.76	NA	NA	NA	402.64		120	*
2Q18		4/4/2018	NE	42.00	NA	NA	NA	401.40		0.0	
3Q18		7/2/2018	NE	43.00	NA	NA	NA	400.40		0.0	
4Q18		10/2/2018	NE	42.95	NA	NA	NA	400.45		0.0	
1Q19		1/3/2019	NE	42.80	NA	NA	NA	400.60		0.1	
2Q19		4/1/2019	NE	42.96	NA	NA	NA	400.44		0.0	
3Q19	443.77	7/1/2019	NE	39.38	NA	NA	NA	404.39	402.95 - 377.95 (40.82 - 65.82)	270	*
4Q19		10/1/2019	NE	37.70	NA	NA	NA	406.07		42.3	*
1Q20		1/2/2020	NE	38.94	NA	NA	NA	404.83		21.2	*
2Q20		4/2/2020	NE	38.05	NA	NA	NA	405.72		72.0	*
P 70											
3Q17	442.95	7/6/2017	38.00	38.03	404.92	404.95	0.03	404.94	398.28 - 373.28 (44.67 - 69.67)	2525	*
4Q17		10/2/2017	37.73	37.76	405.19	405.22	0.03	405.21		187	*
1Q18		1/2/2018	40.03	40.06	402.89	402.92	0.03	402.91		282	*
2Q18		4/2/2018	40.94	40.98	401.97	402.01	0.04	402.00		90.4	*
3Q18		7/2/2018	42.23	42.26	400.69	400.72	0.03	400.71		238	*
4Q18		10/2/2018	42.25	42.27	400.68	400.70	0.02	400.70		297	*
1Q19		1/3/2019	42.18	42.19	400.76	400.77	0.01	400.77		204	*
2Q19		4/1/2019	42.26	42.27	400.68	400.69	0.01	400.69		1406	*
3Q19	443.11	7/1/2019	38.92	38.93	404.18	404.19	0.01	404.19	398.44 - 373.44 (44.67 - 69.67)	371	*
4Q19		10/1/2019	37.22	37.23	405.88	405.89	0.01	405.89		221	*
1Q20		1/2/2020	NE	38.15	NA	NA	NA	404.96		150	*
2Q20		4/2/2020	37.65	37.66	405.45	405.46	0.01	405.46		190	*
P 71											
3Q17	444.94	7/6/2017	NE	39.66	NA	NA	NA	405.28	402.33 - 377.33 (42.61 - 67.61)	555	*
4Q17		10/3/2017	NE	40.01	NA	NA	NA	404.93		82.3	*
1Q18		1/3/2018	NE	41.42	NA	NA	NA	403.52		6.0	*
2Q18		4/4/2018	NE	42.99	NA	NA	NA	401.95		50.4	
3Q18		7/3/2018	NE	43.36	NA	NA	NA	401.58		41.2	
4Q18		10/2/2018	NE	43.61	NA	NA	NA	401.33		108	
1Q19		1/3/2019	NE	43.73	NA	NA	NA	401.21		123	
2Q19		4/1/2019	NE	43.38	NA	NA	NA	401.56		350	
3Q19	445.09	7/1/2019	NE	40.85	NA	NA	NA	404.24	402.48 - 377.48 (42.61 - 67.61)	52.7	*
4Q19		10/1/2019	NE	38.67	NA	NA	NA	406.42		72.4	*
1Q20		1/2/2020	NE	39.49	NA	NA	NA	405.60		49.6	*
2Q20		4/2/2020	NE	39.30	NA	NA	NA	405.79		101	*
P 72											
3Q17	444.49	7/6/2017	NE	39.27	NA	NA	NA	405.22	398.72 - 373.72 (45.77 - 70.77)	32.9	*
4Q17		10/3/2017	NE	39.69	NA	NA	NA	404.80		6.9	*
1Q18		1/3/2018	NE	40.84	NA	NA	NA	403.65		40.0	*
2Q18		4/4/2018	NE	42.81	NA	NA	NA	401.68		2.6	*
3Q18		7/3/2018	NE	42.90	NA	NA	NA	401.59		2.3	*
4Q18		10/3/2018	43.01	43.02	401.47	401.48	0.01	401.48		7.2	*
1Q19		1/3/2019	43.11	43.12	401.37	401.38	0.01	401.38		135	*
2Q19		4/1/2019	42.93	42.94	401.55	401.56	0.01	401.56		83.4	*
3Q19	444.70	7/1/2019	NE	40.20	NA	NA	NA	404.50	398.93 - 373.93 (45.77 - 70.77)	11.0	*
4Q19		10/2/2019	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at wel - Unable to access
1Q20		1/2/2020	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at wel - Unable to access
2Q20		4/2/2020	NE	38.84	NA	NA	NA	405.86		0.8	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 73											
3Q17	443.86	7/6/2017	NE	39.59	NA	NA	NA	404.27	402.27 - 377.27 (41.59 - 66.59)	848	*
4Q17		10/3/2017	NE	40.25	NA	NA	NA	403.61		127	*
1Q18		1/3/2018	NE	41.93	NA	NA	NA	401.93		67.8	
2Q18		4/4/2018	NE	43.21	NA	NA	NA	400.65		0.0	
3Q18		7/3/2018	NE	43.43	NA	NA	NA	400.43		0.0	
4Q18		10/3/2018	NE	43.24	NA	NA	NA	400.62		1.8	
1Q19		1/3/2019	NE	43.06	NA	NA	NA	400.80		6.6	
2Q19		4/2/2019	NE	42.70	NA	NA	NA	401.16		2.6	
3Q19	444.02	7/1/2019	NE	38.98	NA	NA	NA	405.04	402.42 - 377.42 (41.59 - 66.59)	488	*
4Q19		10/1/2019	NE	37.68	NA	NA	NA	406.34		226	*
1Q20		1/2/2020	NE	39.30	NA	NA	NA	404.72		38.4	*
2Q20		4/2/2020	NE	38.75	NA	NA	NA	405.27		42.8	*
P 74											
3Q17	442.72	7/5/2017	NE	38.04	NA	NA	NA	404.68	398.29 - 373.29 (44.43 - 69.43)	0.0	*
4Q17		10/2/2017	NE	37.43	NA	NA	NA	405.29		0.0	*
1Q18		1/3/2018	NE	40.21	NA	NA	NA	402.51		1.6	*
2Q18		4/4/2018	NE	39.81	NA	NA	NA	402.91	398.89 - 373.89 (43.83 - 68.83)	0.0	*
3Q18		7/2/2018	NE	42.35	NA	NA	NA	400.37		0.0	*
4Q18		10/2/2018	NE	42.18	NA	NA	NA	400.54		1.1	*
1Q19		1/3/2019	NE	41.95	NA	NA	NA	400.77		0.0	*
2Q19		4/1/2019	NE	40.46	NA	NA	NA	402.26		0.7	* Gauging result anomalous
3Q19	442.93	7/1/2019	NE	38.32	NA	NA	NA	404.61	399.10 - 374.10 (43.83 - 68.83)	0.0	*
4Q19		10/1/2019	NE	36.71	NA	NA	NA	406.22		0.2	*
1Q20		1/2/2020	NE	38.07	NA	NA	NA	404.86		0.0	*
2Q20		4/2/2020	NE	37.28	NA	NA	NA	405.65		0.0	*
P 75											
3Q17	446.42	7/6/2017	NE	42.45	NA	NA	NA	403.97	403.29 - 378.29 (43.13 - 68.13)	12.4	*
4Q17		10/2/2017	NE	41.90	NA	NA	NA	404.52		57.8	*
1Q18		1/4/2018	NE	44.01	NA	NA	NA	402.41		3.0	
2Q18		4/4/2018	NE	45.06	NA	NA	NA	401.36		0.0	
3Q18		7/2/2018	NE	45.15	NA	NA	NA	401.27		0.0	
4Q18		10/3/2018	NE	45.06	NA	NA	NA	401.36		14.4	
1Q19		1/4/2019	NE	44.74	NA	NA	NA	401.68		4.6	
2Q19		4/2/2019	NE	44.43	NA	NA	NA	401.99		21.6	
3Q19	446.68	7/2/2019	NE	40.50	NA	NA	NA	406.18	403.55 - 378.55 (43.13 - 68.13)	10.5	*
4Q19		10/2/2019	NE	39.53	NA	NA	NA	407.15		5.7	*
1Q20		1/3/2020	NE	41.08	NA	NA	NA	405.60		33.8	*
2Q20		4/3/2020	NE	40.65	NA	NA	NA	406.03		87.7	*
P 82A											
3Q17	435.02	7/6/2017	NE	24.70	NA	NA	NA	410.32	401.81 - 386.81 (33.21 - 48.21)	0.0	*
4Q17		10/3/2017	NE	25.97	NA	NA	NA	409.05		0.0	*
1Q18		1/3/2018	NE	27.54	NA	NA	NA	407.48		0.0	*
2Q18		4/3/2018	NE	27.83	NA	NA	NA	407.19		0.0	*
3Q18		7/2/2018	NE	28.14	NA	NA	NA	406.88		0.0	*
4Q18		10/3/2018	NE	28.38	NA	NA	NA	406.64		0.0	*
1Q19		1/4/2019	NE	28.25	NA	NA	NA	406.77		0.0	*
2Q19		4/2/2019	NE	27.83	NA	NA	NA	407.19		0.0	*
3Q19	434.94	7/1/2019	NE	24.08	NA	NA	NA	410.86	401.73 - 386.73 (33.21 - 48.21)	0.0	*
4Q19		10/1/2019	NE	23.86	NA	NA	NA	411.08		0.1	*
1Q20		1/2/2020	NE	24.67	NA	NA	NA	410.27		0.0	*
2Q20		4/2/2020	NE	24.11	NA	NA	NA	410.83		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 82B											
3Q17	434.48	7/6/2017	NE	24.42	NA	NA	NA	410.06	370.88 - 368.88 (63.60 - 65.60)	0.0	*
4Q17		10/3/2017	NE	25.70	NA	NA	NA	408.78		0.0	*
1Q18		1/3/2018	NE	27.26	NA	NA	NA	407.22		0.0	*
2Q18		4/3/2018	NE	27.54	NA	NA	NA	406.94	371.68 - 369.68 (62.80 - 64.80)	0.0	*
3Q18		7/2/2018	NE	27.85	NA	NA	NA	406.63		0.0	*
4Q18		10/3/2018	NE	28.09	NA	NA	NA	406.39		0.0	*
1Q19		1/4/2019	NE	27.97	NA	NA	NA	406.51		0.0	*
2Q19		4/2/2019	NE	27.55	NA	NA	NA	406.93		0.0	*
3Q19	434.68	7/1/2019	NE	23.78	NA	NA	NA	410.90	371.88 - 369.88 (62.80 - 64.80)	0.0	*
4Q19		10/1/2019	NE	23.59	NA	NA	NA	411.09		0.0	*
1Q20		1/2/2020	NE	24.40	NA	NA	NA	410.28		0.0	*
2Q20		4/2/2020	NE	23.82	NA	NA	NA	410.86		0.0	*
P 82C											
3Q17	434.21	7/6/2017	NE	24.12	NA	NA	NA	410.09	351.44 - 349.44 (82.77 - 84.77)	0.0	*
4Q17		10/3/2017	NE	25.41	NA	NA	NA	408.80		0.0	*
1Q18		1/3/2018	NE	26.98	NA	NA	NA	407.23		0.0	*
2Q18		4/3/2018	NE	27.22	NA	NA	NA	406.99		0.0	*
3Q18		7/2/2018	NE	27.65	NA	NA	NA	406.56		0.0	*
4Q18		10/3/2018	NE	27.79	NA	NA	NA	406.42		0.0	*
1Q19		1/4/2019	NE	27.67	NA	NA	NA	406.54		0.0	*
2Q19		4/2/2019	NE	27.25	NA	NA	NA	406.96		0.0	*
3Q19	434.41	7/1/2019	NE	23.49	NA	NA	NA	410.92	351.64 - 349.64 (82.77 - 84.77)	0.0	*
4Q19		10/1/2019	NE	23.30	NA	NA	NA	411.11		0.0	*
1Q20		1/2/2020	NE	24.72	NA	NA	NA	409.69		0.0	*
2Q20		4/2/2020	NE	23.52	NA	NA	NA	410.89		0.0	*
P 82D											
3Q17	434.89	7/6/2017	NE	24.90	NA	NA	NA	409.99	323.47 - 321.47 (111.42 - 113.42)	0.0	*
4Q17		10/3/2017	NE	26.20	NA	NA	NA	408.69		0.0	*
1Q18		1/3/2018	NE	27.78	NA	NA	NA	407.11		0.0	*
2Q18		4/3/2018	NE	27.99	NA	NA	NA	406.90	323.35 - 321.35 (111.54 - 113.54)	0.0	*
3Q18		7/2/2018	NE	28.35	NA	NA	NA	406.54		0.0	*
4Q18		10/3/2018	NE	28.57	NA	NA	NA	406.32		0.0	*
1Q19		1/4/2019	NE	28.42	NA	NA	NA	406.47		0.0	*
2Q19		4/2/2019	NE	27.99	NA	NA	NA	406.90		0.0	*
3Q19	435.09	7/1/2019	NE	24.20	NA	NA	NA	410.89	323.55 - 321.55 (111.54 - 113.54)	0.0	*
4Q19		10/1/2019	NE	24.02	NA	NA	NA	411.07		0.0	*
1Q20		1/2/2020	NE	25.86	NA	NA	NA	409.23		0.0	*
2Q20		4/2/2020	NE	24.27	NA	NA	NA	410.82		0.0	*
P 83A											
3Q17	445.36	7/6/2017	NE	38.15	NA	NA	NA	407.21	398.71 - 383.71 (46.65 - 61.65)	0.0	*
4Q17		10/3/2017	NE	38.88	NA	NA	NA	406.48		0.0	*
1Q18		1/3/2018	NE	39.76	NA	NA	NA	405.60		0.0	*
2Q18		4/2/2018	NE	40.74	NA	NA	NA	404.62		0.0	*
3Q18		7/2/2018	NE	42.59	NA	NA	NA	402.77		0.0	*
4Q18		10/1/2018	NE	43.03	NA	NA	NA	402.33		0.0	*
1Q19		1/2/2019	NE	43.55	NA	NA	NA	401.81		0.0	*
2Q19		4/2/2019	NE	43.34	NA	NA	NA	402.02	397.96 - 382.96 (47.40 - 62.40)	0.0	*
3Q19	445.54	7/1/2019	NE	41.95	NA	NA	NA	403.59	398.14 - 383.14 (47.40 - 62.40)	0.0	*
4Q19		10/2/2019	NE	40.55	NA	NA	NA	404.99		0.0	*
1Q20		1/2/2020	NE	39.80	NA	NA	NA	405.74		0.0	*
2Q20		4/2/2020	NE	38.84	NA	NA	NA	406.70		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 83B											
3Q17	445.55	7/6/2017	NE	38.71	NA	NA	NA	406.84	375.90 - 373.90 (69.65 - 71.65)	0.0	*
4Q17		10/3/2017	NE	39.13	NA	NA	NA	406.42		0.0	*
1Q18		1/3/2018	NE	40.01	NA	NA	NA	405.54		0.6	*
2Q18		4/2/2018	NE	41.01	NA	NA	NA	404.54	371.75 - 369.75 (73.80 - 75.80)	0.0	*
3Q18		7/2/2018	NE	42.83	NA	NA	NA	402.72		0.0	*
4Q18		10/1/2018	NE	43.29	NA	NA	NA	402.26		0.0	*
1Q19		1/2/2019	NE	43.80	NA	NA	NA	401.75		0.0	*
2Q19		4/2/2019	NE	43.59	NA	NA	NA	401.96		0.0	*
3Q19	445.77	7/1/2019	NE	42.20	NA	NA	NA	403.57	371.97 - 369.97 (73.80 - 75.80)	0.0	*
4Q19		10/2/2019	NE	40.80	NA	NA	NA	404.97		0.0	*
1Q20		1/2/2020	NE	40.06	NA	NA	NA	405.71		0.0	*
2Q20		4/2/2020	NE	39.09	NA	NA	NA	406.68		0.0	*
P 83C											
3Q17	445.78	7/6/2017	NE	38.56	NA	NA	NA	407.22	353.39 - 351.39 (92.39 - 94.39)	0.0	*
4Q17		10/3/2017	NE	39.27	NA	NA	NA	406.51		0.0	*
1Q18		1/3/2018	NE	40.16	NA	NA	NA	405.62		0.0	*
2Q18		4/2/2018	NE	41.15	NA	NA	NA	404.63		0.0	*
3Q18		7/2/2018	NE	42.99	NA	NA	NA	402.79		0.0	*
4Q18		10/1/2018	NE	43.44	NA	NA	NA	402.34		0.0	*
1Q19		1/2/2019	NE	43.95	NA	NA	NA	401.83		0.0	*
2Q19		4/2/2019	NE	43.75	NA	NA	NA	402.03		0.0	*
3Q19	445.95	7/1/2019	NE	42.44	NA	NA	NA	403.51	353.56 - 351.56 (92.39 - 94.39)	0.0	*
4Q19		10/2/2019	NE	40.96	NA	NA	NA	404.99		0.0	*
1Q20		1/2/2020	NE	40.21	NA	NA	NA	405.74		0.0	*
2Q20		4/2/2020	NE	39.25	NA	NA	NA	406.70		0.0	*
P 83D											
3Q17	445.70	7/6/2017	NE	38.51	NA	NA	NA	407.19	311.99 - 309.99 (133.71 - 135.71)	0.0	*
4Q17		10/3/2017	NE	39.25	NA	NA	NA	406.45		0.0	*
1Q18		1/3/2018	NE	40.11	NA	NA	NA	405.59		0.0	*
2Q18		4/2/2018	NE	41.13	NA	NA	NA	404.57	311.90 - 309.90 (133.80 - 135.80)	0.0	*
3Q18		7/2/2018	NE	43.96	NA	NA	NA	401.74		0.0	*
4Q18		10/1/2018	NE	43.41	NA	NA	NA	402.29		0.0	*
1Q19		1/2/2019	NE	43.93	NA	NA	NA	401.77		0.0	*
2Q19		4/2/2019	NE	43.72	NA	NA	NA	401.98		0.0	*
3Q19	445.86	7/1/2019	NE	42.40	NA	NA	NA	403.46	312.06 - 310.06 (133.8 - 135.8)	0.0	*
4Q19		10/2/2019	NE	40.94	NA	NA	NA	404.92		0.0	*
1Q20		1/2/2020	NE	40.19	NA	NA	NA	405.67		0.0	*
2Q20		4/2/2020	NE	39.22	NA	NA	NA	406.64		0.0	*
P 84A											
3Q17	446.49	7/5/2017	NM	NM	NA	NA	NA	NA	397.99 - 382.99 (48.50 - 63.50)	NM	Inaccess ble due to construction
4Q17		10/3/2017	NE	39.69	NA	NA	NA	406.80		0.0	*
1Q18		1/3/2018	NE	40.84	NA	NA	NA	405.65		0.1	*
2Q18		4/4/2018	NE	42.22	NA	NA	NA	404.27	397.57 - 382.57 (48.92 - 63.92)	0.0	*
3Q18		7/3/2018	NE	43.16	NA	NA	NA	403.33		0.0	*
4Q18		10/3/2018	NE	43.55	NA	NA	NA	402.94		0.0	*
1Q19		1/3/2019	NE	43.79	NA	NA	NA	402.70		0.0	*
2Q19		4/2/2019	NE	43.79	NA	NA	NA	402.70		0.0	*
3Q19	446.63	7/1/2019	NE	41.69	NA	NA	NA	404.94	397.71 - 382.71 (48.92 - 63.92)	0.0	*
4Q19		10/1/2019	NE	40.00	NA	NA	NA	406.63		0.0	*
1Q20		1/2/2020	NE	39.85	NA	NA	NA	406.78		0.0	*
2Q20		4/1/2020	NE	39.39	NA	NA	NA	407.24		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 84B											
3Q17	446.21	7/5/2017	NM	NM	NA	NA	NA	NA	372.71 - 370.71 (73.50 - 75.50)	NM	Inaccess ble due to construction
4Q17		10/3/2017	NE	39.43	NA	NA	NA	406.78		0.0	*
1Q18		1/3/2018	NE	40.56	NA	NA	NA	405.65		0.1	*
2Q18		4/4/2018	NE	41.94	NA	NA	NA	404.27		0.0	*
3Q18		7/3/2018	NE	42.90	NA	NA	NA	403.31		0.0	*
4Q18		10/3/2018	NE	43.28	NA	NA	NA	402.93		0.0	*
1Q19		1/3/2019	NE	43.51	NA	NA	NA	402.70		0.1	*
2Q19		4/2/2019	NE	43.51	NA	NA	NA	402.70		0.0	*
3Q19	446.35	7/1/2019	NE	41.41	NA	NA	NA	404.94	372.85 - 370.85 (73.50 - 75.50)	0.0	*
4Q19		10/1/2019	NE	39.72	NA	NA	NA	406.63		0.0	*
1Q20		1/2/2020	NE	39.56	NA	NA	NA	406.79		0.0	*
2Q20		4/1/2020	NE	39.14	NA	NA	NA	407.21		0.0	*
P 84C											
3Q17	446.22	7/5/2017	NM	NM	NA	NA	NA	NA	352.17 - 350.17 (94.05 - 96.05)	NM	Inaccess ble due to construction
4Q17		10/3/2017	NE	39.42	NA	NA	NA	406.80		0.0	*
1Q18		1/3/2018	NE	40.57	NA	NA	NA	405.65		0.0	*
2Q18		4/4/2018	NE	41.96	NA	NA	NA	404.26		0.0	*
3Q18		7/3/2018	NE	43.89	NA	NA	NA	402.33		0.0	*
4Q18		10/3/2018	NE	43.28	NA	NA	NA	402.94		0.0	*
1Q19		1/3/2019	NE	43.53	NA	NA	NA	402.69		0.1	*
2Q19		4/2/2019	NE	43.52	NA	NA	NA	402.70		0.0	*
3Q19	446.37	7/1/2019	NE	41.45	NA	NA	NA	404.92	352.32 - 350.32 (94.05 - 96.05)	0.0	*
4Q19		10/1/2019	NE	39.75	NA	NA	NA	406.62		0.0	*
1Q20		1/2/2020	NE	38.57	NA	NA	NA	407.80		0.0	*
2Q20		4/1/2020	NE	39.13	NA	NA	NA	407.24		0.0	*
P 84D											
3Q17	446.24	7/5/2017	NM	NM	NA	NA	NA	NA	325.09 - 323.09 (121.15 - 123.15)	NM	Inaccess ble due to construction
4Q17		10/3/2017	NE	39.45	NA	NA	NA	406.79		0.0	*
1Q18		1/3/2018	NE	40.58	NA	NA	NA	405.66		0.1	*
2Q18		4/4/2018	NE	41.97	NA	NA	NA	404.27	325.41 - 323.41 (120.83 - 122.83)	0.0	*
3Q18		7/3/2018	NE	42.89	NA	NA	NA	403.35		0.0	*
4Q18		10/3/2018	NE	43.28	NA	NA	NA	402.96		0.0	*
1Q19		1/3/2019	NE	43.51	NA	NA	NA	402.73		NM	*
2Q19		4/2/2019	NE	43.52	NA	NA	NA	402.72		0.0	*
3Q19	446.38	7/1/2019	NE	41.42	NA	NA	NA	404.96	325.55 - 323.55 (120.83 - 122.83)	0.0	*
4Q19		10/1/2019	NE	39.73	NA	NA	NA	406.65		0.0	*
1Q20		1/2/2020	NE	39.57	NA	NA	NA	406.81		0.0	*
2Q20		4/1/2020	NE	39.14	NA	NA	NA	407.24		0.0	*
P 88A											
3Q17	443.09	7/6/2017	NE	30.57	NA	NA	NA	412.52	404.69 - 389.69 (38.40 - 53.40)	0.0	*
4Q17		10/2/2017	NE	31.10	NA	NA	NA	411.99		0.0	*
1Q18		1/4/2018	NE	32.60	NA	NA	NA	410.49		0.0	*
2Q18		4/4/2018	NE	34.04	NA	NA	NA	409.05		0.0	*
3Q18		7/2/2018	NE	33.86	NA	NA	NA	409.23		0.0	*
4Q18		10/3/2018	NE	34.01	NA	NA	NA	409.08		0.0	*
1Q19		1/4/2019	NE	34.31	NA	NA	NA	408.78		0.0	*
2Q19		4/2/2019	NE	34.22	NA	NA	NA	408.87		0.0	*
3Q19	443.27	7/2/2019	NE	31.34	NA	NA	NA	411.93	404.87 - 389.87 (38.40 - 53.40)	0.0	*
4Q19		10/2/2019	NE	30.41	NA	NA	NA	412.86		0.0	*
1Q20		1/3/2020	NE	30.75	NA	NA	NA	412.52		0.0	*
2Q20		4/3/2020	NE	30.01	NA	NA	NA	413.26		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 88B											
3Q17	443.16	7/6/2017	NE	30.64	NA	NA	NA	412.52	371.16 - 369.16 (72.00 - 74.00)	0.0	*
4Q17		10/2/2017	NE	31.15	NA	NA	NA	412.01		0.0	*
1Q18		1/4/2018	NE	32.67	NA	NA	NA	410.49		0.0	*
2Q18		4/4/2018	NE	34.09	NA	NA	NA	409.07	371.51 - 369.51 (71.65 - 73.65)	0.0	*
3Q18		7/2/2018	NE	33.84	NA	NA	NA	409.32		0.0	*
4Q18		10/3/2018	NE	34.08	NA	NA	NA	409.08		0.1	*
1Q19		1/4/2019	NE	34.37	NA	NA	NA	408.79		0.0	*
2Q19		4/2/2019	NE	34.29	NA	NA	NA	408.87		0.0	*
3Q19	443.35	7/2/2019	NE	31.41	NA	NA	NA	411.94	371.70 - 369.70 (71.65 - 73.65)	0.0	*
4Q19		10/2/2019	NE	30.47	NA	NA	NA	412.88		0.0	*
1Q20		1/3/2020	NE	30.80	NA	NA	NA	412.55		0.0	*
2Q20		4/3/2020	NE	30.07	NA	NA	NA	413.28		0.0	*
P 88C											
3Q17	443.13	7/6/2017	NE	30.60	NA	NA	NA	412.53	350.83 - 348.83 (92.30 - 94.30)	0.0	*
4Q17		10/2/2017	NE	31.10	NA	NA	NA	412.03		0.0	*
1Q18		1/4/2018	NE	32.62	NA	NA	NA	410.51		0.0	*
2Q18		4/4/2018	NE	34.05	NA	NA	NA	409.08		0.0	*
3Q18		7/2/2018	NE	33.88	NA	NA	NA	409.25		0.0	*
4Q18		10/3/2018	NE	34.02	NA	NA	NA	409.11		0.0	*
1Q19		1/4/2019	NE	34.32	NA	NA	NA	408.81		0.0	*
2Q19		4/2/2019	NE	34.24	NA	NA	NA	408.89		0.0	*
3Q19	443.31	7/2/2019	NE	31.37	NA	NA	NA	411.94	351.01 - 349.01 (92.30 - 94.30)	0.0	*
4Q19		10/2/2019	NE	30.44	NA	NA	NA	412.87		0.0	*
1Q20		1/3/2020	NE	30.77	NA	NA	NA	412.54		0.0	*
2Q20		4/3/2020	NE	30.04	NA	NA	NA	413.27		0.0	*
P 88D											
3Q17	443.20	7/6/2017	NE	30.69	NA	NA	NA	412.51	329.50 - 327.50 (113.70 - 115.70)	0.0	*
4Q17		10/2/2017	NE	31.29	NA	NA	NA	411.91		0.0	*
1Q18		1/4/2018	NE	32.82	NA	NA	NA	410.38		0.0	*
2Q18		4/4/2018	NE	34.17	NA	NA	NA	409.03	331.03 - 329.03 (112.17 - 114.17)	0.0	*
3Q18		7/2/2018	NE	34.09	NA	NA	NA	409.11		0.0	*
4Q18		10/3/2018	NE	34.26	NA	NA	NA	408.94		0.0	*
1Q19		1/4/2019	NE	34.45	NA	NA	NA	408.75		0.0	*
2Q19		4/2/2019	NE	34.30	NA	NA	NA	408.90		0.0	*
3Q19	443.38	7/2/2019	NE	31.35	NA	NA	NA	412.03	331.21 - 329.21 (112.17 - 114.17)	0.0	*
4Q19		10/2/2019	NE	30.56	NA	NA	NA	412.82		0.0	*
1Q20		1/3/2020	NE	30.89	NA	NA	NA	412.49		0.0	*
2Q20		4/3/2020	NE	29.97	NA	NA	NA	413.41		0.0	*
P 89B											
3Q17	447.44	7/6/2017	NE	37.49	NA	NA	NA	409.95	370.08 - 368.08 (77.36 - 79.36)	0.0	*
4Q17		10/3/2017	NE	38.17	NA	NA	NA	409.27		0.0	*
1Q18		1/4/2018	NE	39.23	NA	NA	NA	408.21		0.0	*
2Q18		4/3/2018	NE	40.47	NA	NA	NA	406.97		0.0	*
3Q18		7/3/2018	NE	41.39	NA	NA	NA	406.05		0.0	*
4Q18		10/2/2018	NE	41.74	NA	NA	NA	405.70		0.0	*
1Q19		1/3/2019	NE	42.63	NA	NA	NA	404.81		0.0	*
2Q19		4/2/2019	NE	42.41	NA	NA	NA	405.03		0.0	*
3Q19	447.64	7/2/2019	NE	41.60	NA	NA	NA	406.04	370.28 - 368.28 (77.36 - 79.36)	0.0	*
4Q19		10/2/2019	NE	40.11	NA	NA	NA	407.53		0.0	*
1Q20		1/2/2020	NE	39.20	NA	NA	NA	408.44		0.0	*
2Q20		4/3/2020	NE	37.98	NA	NA	NA	409.66		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 89C											
3Q17	447.76	7/6/2017	NE	37.85	NA	NA	NA	409.91	350.13 - 348.13 (97.63 - 99.63)	0.0	*
4Q17		10/3/2017	NE	38.53	NA	NA	NA	409.23		0.0	*
1Q18		1/4/2018	NE	39.65	NA	NA	NA	408.11		0.0	*
2Q18		4/3/2018	NE	40.79	NA	NA	NA	406.97		0.0	*
3Q18		7/3/2018	NE	42.09	NA	NA	NA	405.67		0.0	*
4Q18		10/2/2018	NE	42.11	NA	NA	NA	405.65		0.0	*
1Q19		1/3/2019	NE	43.03	NA	NA	NA	404.73		0.0	*
2Q19		4/2/2019	NE	42.75	NA	NA	NA	405.01	351.36 - 349.36 (96.40 - 98.40)	0.0	*
3Q19	447.96	7/2/2019	NE	41.95	NA	NA	NA	406.01	351.56 - 349.56 (96.40 - 98.40)	0.0	*
4Q19		10/2/2019	NE	40.46	NA	NA	NA	407.50		0.0	*
1Q20		1/2/2020	NE	39.54	NA	NA	NA	408.42		0.0	*
2Q20		4/3/2020	NE	38.27	NA	NA	NA	409.69		0.0	*
P 89D											
3Q17	447.63	7/6/2017	NE	37.84	NA	NA	NA	409.79	307.29 - 305.29 (140.34 - 142.34)	0.0	*
4Q17		10/3/2017	NE	38.48	NA	NA	NA	409.15		0.0	*
1Q18		1/4/2018	NE	39.48	NA	NA	NA	408.15		2.0	*
2Q18		4/3/2018	NE	40.95	NA	NA	NA	406.68		0.0	*
3Q18		7/3/2018	NE	41.76	NA	NA	NA	405.87		0.0	*
4Q18		10/2/2018	NE	42.15	NA	NA	NA	405.48		0.0	*
1Q19		1/3/2019	NE	43.11	NA	NA	NA	404.52		0.0	*
2Q19		4/2/2019	NE	42.87	NA	NA	NA	404.76		0.0	*
3Q19	447.83	7/2/2019	NE	42.05	NA	NA	NA	405.78	309.33 - 307.33 (138.50 - 140.50)	0.0	*
4Q19		10/2/2019	NE	40.53	NA	NA	NA	407.30		0.0	*
1Q20		1/2/2020	NE	39.58	NA	NA	NA	408.25		0.0	*
2Q20		4/3/2020	NE	38.29	NA	NA	NA	409.54		0.0	*
P 91A											
3Q17	447.24	7/6/2017	43.18	43.21	404.03	404.06	0.03	404.05	395.72 - 380.72 (51.51 - 66.51)	304	*
4Q17		10/3/2017	43.79	43.80	403.44	403.45	0.01	403.45		106	*
1Q18		1/2/2018	44.43	44.45	402.79	402.81	0.02	402.81		25.8	*
2Q18		4/3/2018	NE	45.39	NA	NA	NA	401.85		43.1	*
3Q18		7/2/2018	NE	48.52	NA	NA	NA	398.72		151	*
4Q18		10/1/2018	NE	48.70	NA	NA	NA	398.54		5.6	*
1Q19		1/2/2019	48.87	48.90	398.34	398.37	0.03	398.36		1129	*
2Q19		4/2/2019	48.58	48.59	398.65	398.66	0.01	398.66		413	*
3Q19	447.43	7/1/2019	47.77	47.78	399.65	399.66	0.01	399.66	395.92 - 380.92 (51.51 - 66.51)	14.7	*
4Q19		10/2/2019	NE	45.72	NA	NA	NA	401.71		9.5	*
1Q20		1/2/2020	44.69	44.70	402.73	402.74	0.01	402.74		7.4	*
2Q20		4/1/2020	NE	44.10	NA	NA	NA	403.33		38.0	*
P 91B											
3Q17	447.28	7/6/2017	NE	43.26	NA	NA	NA	404.02	372.59 - 370.59 (74.69 - 76.69)	28.7	*
4Q17		10/3/2017	NE	43.88	NA	NA	NA	403.40		8.4	*
1Q18		1/2/2018	NE	44.23	NA	NA	NA	403.05		102	*
2Q18		4/3/2018	NE	45.45	NA	NA	NA	401.83		0.5	*
3Q18		7/2/2018	NE	48.69	NA	NA	NA	398.59		11.0	*
4Q18		10/1/2018	NE	48.88	NA	NA	NA	398.40		12.1	*
1Q19		1/2/2019	NE	49.04	NA	NA	NA	398.24		73.3	*
2Q19		4/2/2019	NE	48.75	NA	NA	NA	398.53		116	*
3Q19	447.47	7/1/2019	NE	47.97	NA	NA	NA	399.50	372.78 - 370.78 (74.69 - 76.69)	3.5	*
4Q19		10/2/2019	NE	45.89	NA	NA	NA	401.58		6.5	*
1Q20		1/2/2020	NE	44.85	NA	NA	NA	402.62		0.0	*
2Q20		4/1/2020	NE	44.05	NA	NA	NA	403.42		15.5	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 91C											
3Q17	447.07	7/6/2017	NE	43.03	NA	NA	NA	404.04	352.34 - 350.34 (94.73 - 96.73)	0.0	*
4Q17		10/3/2017	NE	43.66	NA	NA	NA	403.41		0.4	*
1Q18		1/2/2018	NE	44.00	NA	NA	NA	403.07		9.5	*
2Q18		4/3/2018	NE	45.21	NA	NA	NA	401.86		0.0	*
3Q18		7/2/2018	NE	48.44	NA	NA	NA	398.63		0.0	*
4Q18		10/1/2018	NE	48.61	NA	NA	NA	398.46		0.0	*
1Q19		1/2/2019	NE	48.80	NA	NA	NA	398.27		1.2	*
2Q19		4/2/2019	NE	48.47	NA	NA	NA	398.60		0.0	*
3Q19	447.27	7/1/2019	NE	47.69	NA	NA	NA	399.58	352.54 - 350.54 (94.73 - 96.73)	0.0	*
4Q19		10/2/2019	NE	45.63	NA	NA	NA	401.64		0.0	*
1Q20		1/2/2020	NE	44.60	NA	NA	NA	402.67		0.1	*
2Q20		4/1/2020	NE	43.80	NA	NA	NA	403.47		0.0	*
P 91D											
3Q17	447.06	7/6/2017	NE	43.02	NA	NA	NA	404.04	278.74 - 276.74 (168.32 - 170.32)	0.0	*
4Q17		10/3/2017	NE	43.64	NA	NA	NA	403.42		0.0	*
1Q18		1/2/2018	NE	43.98	NA	NA	NA	403.08		3.4	*
2Q18		4/3/2018	NE	45.20	NA	NA	NA	401.86		0.0	*
3Q18		7/2/2018	NE	48.41	NA	NA	NA	398.65		0.0	*
4Q18		10/1/2018	NE	48.56	NA	NA	NA	398.50		0.0	*
1Q19		1/2/2019	NE	48.76	NA	NA	NA	398.30		1.6	*
2Q19		4/2/2019	NE	48.44	NA	NA	NA	398.62		0.0	*
3Q19	447.26	7/1/2019	NE	47.66	NA	NA	NA	399.60	278.94 - 276.94 (168.32 - 170.32)	0.0	*
4Q19		10/2/2019	NE	45.60	NA	NA	NA	401.66		0.0	*
1Q20		1/2/2020	NE	44.59	NA	NA	NA	402.67		0.1	*
2Q20		4/1/2020	NE	43.77	NA	NA	NA	403.49		0.8	*
P 92A											
3Q17	446.24	7/6/2017	41.87	41.89	404.35	404.37	0.02	404.37	398.67 - 383.67 (47.57 - 62.57)	215	*
4Q17		10/3/2017	42.12	42.15	404.09	404.12	0.03	404.11		83.7	*
1Q18		1/3/2018	42.91	42.94	403.30	403.33	0.03	403.32		119	*
2Q18		4/4/2018	44.83	44.84	401.40	401.41	0.01	401.41		31.5	*
3Q18		7/3/2018	NE	45.69	NA	NA	NA	400.55		4.0	*
4Q18		10/2/2018	46.04	46.06	400.18	400.20	0.02	400.20		33.8	*
1Q19		1/2/2019	46.39	46.41	399.83	399.85	0.02	399.85		640	*
2Q19		4/1/2019	46.10	46.11	400.13	400.14	0.01	400.14		232	*
3Q19	446.39	7/1/2019	44.54	44.56	401.83	401.85	0.02	401.85	398.82 - 383.82 (47.57 - 62.57)	36.4	*
4Q19		10/2/2019	42.50	42.51	403.88	403.89	0.01	403.89		11.1	*
1Q20		1/2/2020	42.13	42.14	404.25	404.26	0.01	404.26		26.0	*
2Q20		4/2/2020	41.58	41.60	404.79	404.81	0.02	404.81		32.3	*
P 92B											
3Q17	446.18	7/6/2017	NE	41.85	NA	NA	NA	404.33	372.53 - 370.53 (73.65 - 75.65)	1.3	*
4Q17		10/3/2017	NE	42.10	NA	NA	NA	404.08		0.0	*
1Q18		1/3/2018	NE	42.89	NA	NA	NA	403.29		0.2	*
2Q18		4/4/2018	NE	44.79	NA	NA	NA	401.39		0.0	*
3Q18		7/3/2018	NE	45.65	NA	NA	NA	400.53		0.5	*
4Q18		10/2/2018	NE	46.01	NA	NA	NA	400.17		0.1	*
1Q19		1/2/2019	NE	46.34	NA	NA	NA	399.84		0.0	*
2Q19		4/1/2019	NE	46.06	NA	NA	NA	400.12	371.77 - 369.77 (74.41 - 76.41)	1.9	*
3Q19	446.33	7/1/2019	NE	44.53	NA	NA	NA	401.80	371.92 - 369.92 (74.41 - 76.41)	0.3	*
4Q19		10/2/2019	NE	42.46	NA	NA	NA	403.87		0.0	*
1Q20		1/2/2020	NE	42.09	NA	NA	NA	404.24		0.0	*
2Q20		4/2/2020	NE	41.54	NA	NA	NA	404.79		0.9	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 92C											
3Q17	446.17	7/6/2017	NE	41.85	NA	NA	NA	404.32	353.21 - 348.21 (92.96 - 97.96)	0.6	*
4Q17		10/3/2017	NE	42.10	NA	NA	NA	404.07		0.1	*
1Q18		1/3/2018	NE	42.88	NA	NA	NA	403.29		1.2	*
2Q18		4/4/2018	NE	44.76	NA	NA	NA	401.41		0.0	*
3Q18		7/3/2018	NE	45.60	NA	NA	NA	400.57		0.3	*
4Q18		10/2/2018	NE	45.97	NA	NA	NA	400.20		2.5	*
1Q19		1/2/2019	NE	46.34	NA	NA	NA	399.83		83.1	*
2Q19		4/1/2019	NE	46.03	NA	NA	NA	400.14		22.6	*
3Q19	446.34	7/1/2019	NE	44.51	NA	NA	NA	401.83	353.38 - 348.38 (92.96 - 97.96)	4.0	*
4Q19		10/2/2019	NE	42.45	NA	NA	NA	403.89		0.0	*
1Q20		1/2/2020	NE	42.10	NA	NA	NA	404.24		0.1	*
2Q20		4/2/2020	NE	41.53	NA	NA	NA	404.81		12.8	*
P 92D											
3Q17	446.00	7/6/2017	NE	41.73	NA	NA	NA	404.27	305.00 - 303.00 (141.00 - 143.00)	0.0	*
4Q17		10/3/2017	NE	41.97	NA	NA	NA	404.03		0.0	*
1Q18		1/3/2018	NE	42.70	NA	NA	NA	403.30		0.2	*
2Q18		4/4/2018	NE	44.61	NA	NA	NA	401.39		0.0	*
3Q18		7/3/2018	NE	45.50	NA	NA	NA	400.50		0.0	*
4Q18		10/2/2018	NE	45.88	NA	NA	NA	400.12		0.1	*
1Q19		1/2/2019	NE	46.24	NA	NA	NA	399.76		0.0	*
2Q19		4/1/2019	NE	45.94	NA	NA	NA	400.06		0.2	*
3Q19	446.15	7/1/2019	NE	44.45	NA	NA	NA	401.70	305.15 - 303.15 (141.00 - 143.00)	0.0	*
4Q19		10/2/2019	NE	42.35	NA	NA	NA	403.80		0.0	*
1Q20		1/2/2020	NE	41.98	NA	NA	NA	404.17		0.0	*
2Q20		4/2/2020	NE	41.43	NA	NA	NA	404.72		2.7	*
P 93A											
3Q17	445.12	7/5/2017	NE	40.10	NA	NA	NA	405.02	402.05 - 392.05 (43.07 - 53.07)	0.0	*
4Q17		10/2/2017	NE	40.53	NA	NA	NA	404.59		152	*
1Q18		1/4/2018	NE	42.79	NA	NA	NA	402.33		12.8	*
2Q18		4/2/2018	NE	43.58	NA	NA	NA	401.54		21.1	
3Q18		7/2/2018	NE	44.03	NA	NA	NA	401.09		0.0	
4Q18		10/2/2018	NE	43.98	NA	NA	NA	401.14		0.0	
1Q19		1/2/2019	NE	43.83	NA	NA	NA	401.29		0.0	
2Q19		4/1/2019	NE	43.61	NA	NA	NA	401.51		0.3	
3Q19	445.37	7/1/2019	NE	39.40	NA	NA	NA	405.97	402.30 - 392.30 (43.07 - 53.07)	0.0	*
4Q19		10/1/2019	NE	38.34	NA	NA	NA	407.03		1.7	*
1Q20		1/2/2020	NE	39.77	NA	NA	NA	405.60		3.4	*
2Q20		4/1/2020	NE	39.60	NA	NA	NA	405.77		7.3	*
P 93B											
3Q17	446.52	7/5/2017	NE	41.45	NA	NA	NA	405.07	371.92 - 369.92 (74.60 - 76.60)	0.0	*
4Q17		10/2/2017	NE	41.88	NA	NA	NA	404.64		0.0	*
1Q18		1/3/2018	NE	44.25	NA	NA	NA	402.27		0.0	*
2Q18		4/2/2018	NE	44.94	NA	NA	NA	401.58	371.64 - 369.64 (74.88 - 76.88)	0.0	*
3Q18		7/2/2018	NE	45.60	NA	NA	NA	400.92		0.5	*
4Q18		10/2/2018	NE	45.36	NA	NA	NA	401.16		0.0	*
1Q19		1/2/2019	NE	45.19	NA	NA	NA	401.33		12.5	*
2Q19		4/1/2019	NE	44.99	NA	NA	NA	401.53	371.74 - 369.74 (74.78 - 76.78)	0.0	*
3Q19	446.70	7/1/2019	NE	40.31	NA	NA	NA	406.39	371.92 - 369.92 (74.78 - 76.78)	0.1	*
4Q19		10/1/2019	NE	39.67	NA	NA	NA	407.03		0.1	*
1Q20		1/2/2020	NE	41.12	NA	NA	NA	405.58		0.0	*
2Q20		4/1/2020	NE	40.97	NA	NA	NA	405.73		0.0	*

TABLE 1
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WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 93C											
3Q17	446.28	7/5/2017	NE	41.26	NA	NA	NA	405.02	353.81 - 348.81 (92.47 - 97.47)	0.0	*
4Q17		10/2/2017	NE	41.68	NA	NA	NA	404.60		0.0	*
1Q18		1/3/2018	NE	43.77	NA	NA	NA	402.51		0.3	*
2Q18		4/2/2018	NE	44.78	NA	NA	NA	401.50	353.40 - 348.40 (92.88 - 97.88)	0.0	*
3Q18		7/2/2018	NE	45.28	NA	NA	NA	401.00		0.0	*
4Q18		10/2/2018	NE	45.19	NA	NA	NA	401.09		0.0	*
1Q19		1/2/2019	NE	45.02	NA	NA	NA	401.26		0.0	*
2Q19		4/1/2019	NE	44.81	NA	NA	NA	401.47		0.0	*
3Q19	446.55	7/1/2019	NE	40.59	NA	NA	NA	405.96	353.67 - 348.67 (92.88 - 97.88)	0.0	*
4Q19		10/1/2019	NE	39.51	NA	NA	NA	407.04		0.0	*
1Q20		1/2/2020	NE	40.96	NA	NA	NA	405.59		0.0	*
2Q20		4/1/2020	NE	40.80	NA	NA	NA	405.75		0.0	*
P 93D											
3Q17	446.73	7/5/2017	NE	41.65	NA	NA	NA	405.08	320.98 - 318.98 (125.75 - 127.75)	0.0	*
4Q17		10/2/2017	NE	42.10	NA	NA	NA	404.63		0.0	*
1Q18		1/3/2018	NE	44.19	NA	NA	NA	402.54		0.0	*
2Q18		4/2/2018	NE	45.12	NA	NA	NA	401.61		0.0	*
3Q18		7/2/2018	NE	45.67	NA	NA	NA	401.06		0.0	*
4Q18		10/2/2018	NE	45.57	NA	NA	NA	401.16		0.0	*
1Q19		1/2/2019	NE	45.36	NA	NA	NA	401.37		0.0	*
2Q19		4/1/2019	NE	45.18	NA	NA	NA	401.55		0.0	*
3Q19	446.97	7/1/2019	NE	40.97	NA	NA	NA	406.00	321.22 - 319.22 (125.75 - 127.75)	0.0	*
4Q19		10/1/2019	NE	39.87	NA	NA	NA	407.10		0.0	*
1Q20		1/2/2020	NE	41.32	NA	NA	NA	405.65		0.0	*
2Q20		4/1/2020	NE	41.15	NA	NA	NA	405.82	321.31 - 319.31 (125.66 - 127.66)	0.0	*
P 94											
3Q17	445.14	7/6/2017	NE	33.00	NA	NA	NA	412.14	399.29 - 384.29 (45.85 - 60.85)	0.0	*
4Q17		10/3/2017	NE	34.60	NA	NA	NA	410.54		0.0	*
1Q18		1/3/2018	NE	35.80	NA	NA	NA	409.34		0.0	*
2Q18		4/2/2018	NE	37.09	NA	NA	NA	408.05	398.90 - 383.90 (46.24 - 61.24)	0.0	*
3Q18		7/2/2018	NE	37.80	NA	NA	NA	407.34		0.0	*
4Q18		10/1/2018	NE	38.36	NA	NA	NA	406.78		0.0	*
1Q19		1/2/2019	NE	39.49	NA	NA	NA	405.65		0.0	*
2Q19		4/2/2019	NE	39.18	NA	NA	NA	405.96		0.0	*
3Q19	445.04	7/1/2019	NE	37.01	NA	NA	NA	408.03	398.80 - 383.80 (46.24 - 61.24)	0.0	*
4Q19		10/2/2019	NE	36.86	NA	NA	NA	408.18		0.0	*
1Q20		1/2/2020	NE	36.10	NA	NA	NA	408.94		0.0	*
2Q20		4/2/2020	NE	34.53	NA	NA	NA	410.51		0.0	*
P 95											
3Q17	443.42	7/6/2017	NE	28.61	NA	NA	NA	414.81	406.90 - 391.90 (36.52 - 51.52)	0.0	*
4Q17		10/2/2017	NE	29.02	NA	NA	NA	414.40		0.0	*
1Q18		1/4/2018	NE	30.53	NA	NA	NA	412.89		0.0	*
2Q18		4/4/2018	NE	32.02	NA	NA	NA	411.40		0.0	*
3Q18		7/2/2018	NE	31.87	NA	NA	NA	411.55		0.0	*
4Q18		10/3/2018	NE	32.03	NA	NA	NA	411.39		0.1	*
1Q19		1/4/2019	NE	32.63	NA	NA	NA	410.79		0.0	*
2Q19		4/2/2019	NE	32.49	NA	NA	NA	410.93		0.0	*
3Q19	443.95	7/2/2019	NE	30.02	NA	NA	NA	413.93	407.43 - 392.43 (36.52 - 51.52)	0.0	*
4Q19		10/2/2019	NE	28.89	NA	NA	NA	415.06		0.0	*
1Q20		1/3/2020	NE	29.17	NA	NA	NA	414.78		0.0	*
2Q20		4/3/2020	NE	28.24	NA	NA	NA	415.71		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 102											
3Q17	444.97	7/6/2017	NE	31.80	NA	NA	NA	413.17	402.22 - 382.22 (42.75 - 62.75)	15.6	*
4Q17		10/2/2017	NE	32.19	NA	NA	NA	412.78		631	*
1Q18		1/4/2018	NE	33.41	NA	NA	NA	411.56		363	*
2Q18		4/4/2018	NE	35.06	NA	NA	NA	409.91		0.2	*
3Q18		7/2/2018	NE	35.09	NA	NA	NA	409.88		0.0	*
4Q18		10/3/2018	NE	35.32	NA	NA	NA	409.65		6.3	*
1Q19		1/4/2019	NE	36.10	NA	NA	NA	408.87		0.2	*
2Q19		4/2/2019	NE	36.06	NA	NA	NA	408.91		0.0	*
3Q19	445.14	7/2/2019	NE	34.23	NA	NA	NA	410.91	402.39 - 382.39 (42.75 - 62.75)	0.5	*
4Q19		10/2/2019	NE	32.95	NA	NA	NA	412.19		0.1	*
1Q20		1/3/2020	NE	32.88	NA	NA	NA	412.26		0.5	*
2Q20		4/3/2020	NE	31.82	NA	NA	NA	413.32		0.5	*
P 114R											
3Q17	429.26	7/6/2017	NE	22.38	NA	NA	NA	406.88	406.25 - 396.25 (23.01 - 33.01)	43.7	*
4Q17		10/2/2017	NE	24.21	NA	NA	NA	405.05		0.0	
1Q18		1/3/2018	NE	26.16	NA	NA	NA	403.10		9.0	
2Q18		4/9/2018	NE	26.76	NA	NA	NA	402.50		0.1	
3Q18		7/2/2018	NE	26.50	NA	NA	NA	402.76		0.0	
4Q18		10/2/2018	NE	26.26	NA	NA	NA	403.00		0.0	
1Q19		1/3/2019	NE	26.02	NA	NA	NA	403.24		38.7	
2Q19		4/2/2019	NE	25.47	NA	NA	NA	403.79		132	
3Q19	429.48	7/1/2019	NE	19.67	NA	NA	NA	409.81	406.47 - 396.47 (23.01 - 33.01)	1.5	*
4Q19		10/2/2019	NE	20.49	NA	NA	NA	408.99		0.0	*
1Q20		1/2/2020	NE	21.85	NA	NA	NA	407.63		0.0	*
2Q20		4/3/2020	NE	21.72	NA	NA	NA	407.76		0.0	*
P 115											
3Q17	433.36	7/6/2017	NE	26.28	NA	NA	NA	407.08	401.06 - 381.06 (32.30 - 52.30)	0.0	*
4Q17		10/2/2017	NE	28.33	NA	NA	NA	405.03		0.0	*
1Q18		1/3/2018	NE	30.22	NA	NA	NA	403.14		0.0	*
2Q18		4/4/2018	NE	31.03	NA	NA	NA	402.33		0.0	*
3Q18		7/2/2018	NE	30.38	NA	NA	NA	402.98		0.0	*
4Q18		10/2/2018	NE	30.07	NA	NA	NA	403.29		0.0	*
1Q19		1/3/2019	NE	29.83	NA	NA	NA	403.53		0.0	*
2Q19		4/2/2019	NE	29.08	NA	NA	NA	404.28		0.0	*
3Q19	433.54	7/1/2019	NE	23.18	NA	NA	NA	410.36	401.24 - 381.24 (32.30 - 52.30)	0.0	*
4Q19		10/2/2019	NE	24.34	NA	NA	NA	409.20		0.0	*
1Q20		1/3/2020	NE	22.02	NA	NA	NA	411.52		0.0	* Gauging result anomalous
2Q20		4/3/2020	NE	25.46	NA	NA	NA	408.08		0.0	*
P 116											
3Q17	436.63	7/6/2017	NE	29.61	NA	NA	NA	407.02	399.19 - 379.19 (37.44 - 57.44)	2.9	*
4Q17		10/2/2017	NE	32.17	NA	NA	NA	404.46		0.0	*
1Q18		1/3/2018	NE	33.69	NA	NA	NA	402.94		0.0	*
2Q18		4/4/2018	NE	34.47	NA	NA	NA	402.16		0.0	*
3Q18		7/2/2018	NE	33.74	NA	NA	NA	402.89		0.0	*
4Q18		10/2/2018	NE	33.38	NA	NA	NA	403.25		0.0	*
1Q19		1/3/2019	NE	33.18	NA	NA	NA	403.45		0.1	*
2Q19		4/3/2019	NE	32.53	NA	NA	NA	404.10		0.0	*
3Q19	436.79	7/1/2019	NE	26.27	NA	NA	NA	410.52	399.35 - 379.35 (37.44 - 57.44)	0.0	*
4Q19		10/2/2019	NE	27.66	NA	NA	NA	409.13		0.0	*
1Q20		1/2/2020	NE	29.10	NA	NA	NA	407.69		0.1	*
2Q20		4/3/2020	NE	28.80	NA	NA	NA	407.99		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 117											
3Q17	432.71	7/6/2017	NE	25.78	NA	NA	NA	406.93	399.78 - 379.78 (32.93 - 52.93)	0.0	*
4Q17		10/2/2017	NE	28.08	NA	NA	NA	404.63		0.0	*
1Q18		1/3/2018	NE	29.90	NA	NA	NA	402.81		0.0	*
2Q18		4/4/2018	NE	30.68	NA	NA	NA	402.03		0.0	*
3Q18		7/2/2018	NE	29.92	NA	NA	NA	402.79		0.0	*
4Q18		10/2/2018	NE	29.56	NA	NA	NA	403.15		0.0	*
1Q19		1/3/2019	NE	29.37	NA	NA	NA	403.34		0.4	*
2Q19		4/2/2019	NE	28.45	NA	NA	NA	404.26		0.0	*
3Q19	432.87	7/1/2019	NE	22.26	NA	NA	NA	410.61	399.94 - 379.94 (32.93 - 52.93)	0.0	*
4Q19		10/2/2019	NE	23.79	NA	NA	NA	409.08		0.0	*
1Q20		1/2/2020	NE	25.26	NA	NA	NA	407.61		0.0	*
2Q20		4/3/2020	NE	24.98	NA	NA	NA	407.89		0.0	*
P 118											
3Q17	431.31	7/6/2017	NE	24.45	NA	NA	NA	406.86	400.19 - 384.26 (31.12 - 47.05)	0.0	*
4Q17		10/2/2017	NE	27.19	NA	NA	NA	404.12		0.0	*
1Q18		1/3/2018	NE	28.99	NA	NA	NA	402.32		0.0	*
2Q18		4/4/2018	NE	29.57	NA	NA	NA	401.74		0.0	*
3Q18		7/2/2018	NE	28.63	NA	NA	NA	402.68		0.0	*
4Q18		10/3/2018	NE	28.11	NA	NA	NA	403.20		0.0	*
1Q19		1/3/2019	NE	28.03	NA	NA	NA	403.28		0.3	*
2Q19		4/3/2019	NE	26.92	NA	NA	NA	404.39		0.0	*
3Q19	431.48	7/1/2019	NE	20.11	NA	NA	NA	411.37	400.36 - 384.43 (31.12 - 47.05)	0.0	*
4Q19		10/2/2019	NE	22.37	NA	NA	NA	409.11		0.0	*
1Q20		1/2/2020	NE	23.99	NA	NA	NA	407.49		0.0	*
2Q20		4/3/2020	NE	23.53	NA	NA	NA	407.95		0.0	*
P 119											
3Q17	431.90	7/6/2017	NE	25.06	NA	NA	NA	406.84	401.23 - 385.30 (30.67 - 46.60)	1.5	*
4Q17		10/2/2017	NE	26.38	NA	NA	NA	405.52		0.0	*
1Q18		1/3/2018	NE	28.27	NA	NA	NA	403.63		0.0	*
2Q18		4/4/2018	NE	29.24	NA	NA	NA	402.66		0.0	*
3Q18		7/2/2018	NE	29.03	NA	NA	NA	402.87		0.0	*
4Q18		10/2/2018	NE	28.88	NA	NA	NA	403.02		0.0	*
1Q19		1/3/2019	NE	28.62	NA	NA	NA	403.28		0.5	*
2Q19		4/3/2019	NE	28.33	NA	NA	NA	403.57		0.0	*
3Q19	432.11	7/1/2019	NE	23.32	NA	NA	NA	408.79	401.44 - 385.51 (30.67 - 46.60)	0.0	*
4Q19		10/2/2019	NE	23.37	NA	NA	NA	408.74		0.0	*
1Q20		1/3/2020	NE	24.75	NA	NA	NA	407.36		0.0	*
2Q20		4/3/2020	NE	24.34	NA	NA	NA	407.77		0.0	*
P 120											
3Q17	432.82	7/6/2017	NE	25.10	NA	NA	NA	407.72	401.44 - 385.51 (31.38 - 47.31)	0.4	*
4Q17		10/2/2017	NE	26.84	NA	NA	NA	405.98		0.0	*
1Q18		1/3/2018	NE	28.69	NA	NA	NA	404.13		0.0	*
2Q18		4/4/2018	NE	29.48	NA	NA	NA	403.34		0.0	*
3Q18		7/2/2018	NE	29.04	NA	NA	NA	403.78		0.0	*
4Q18		10/2/2018	NE	28.90	NA	NA	NA	403.92		0.0	*
1Q19		1/3/2019	NE	28.65	NA	NA	NA	404.17		0.3	*
2Q19		4/2/2019	NE	27.96	NA	NA	NA	404.86		0.0	*
3Q19	433.00	7/1/2019	NE	22.74	NA	NA	NA	410.26	401.62 - 385.69 (31.38 - 47.31)	0.0	*
4Q19		10/2/2019	NE	23.40	NA	NA	NA	409.60		0.0	*
1Q20		1/3/2020	NE	24.93	NA	NA	NA	408.07		0.0	*
2Q20		4/3/2020	NE	24.21	NA	NA	NA	408.79		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 129											
3Q17	432.43	7/6/2017	NE	26.09	NA	NA	NA	406.34	400.46 - 384.53 (31.97 - 47.90)	0.0	*
4Q17		10/2/2017	NE	29.86	NA	NA	NA	402.57		0.0	*
1Q18		1/3/2018	NE	31.67	NA	NA	NA	400.76		0.0	*
2Q18		4/4/2018	NE	31.58	NA	NA	NA	400.85		0.0	*
3Q18		7/3/2018	NE	29.91	NA	NA	NA	402.52		0.0	*
4Q18		10/2/2018	NE	29.62	NA	NA	NA	402.81		0.0	*
1Q19		1/3/2019	NE	29.58	NA	NA	NA	402.85		0.1	*
2Q19		4/2/2019	NE	26.90	NA	NA	NA	405.53		0.0	*
3Q19	432.66	7/8/2019	NE	19.55	NA	NA	NA	413.11	400.69 - 384.76 (31.97 - 47.90)	0.0	*
4Q19		10/2/2019	NE	23.75	NA	NA	NA	408.91		0.0	*
1Q20		1/2/2020	NE	25.92	NA	NA	NA	406.74		0.0	*
2Q20		4/3/2020	NE	24.80	NA	NA	NA	407.86		0.0	*
ROST 3 MW											
3Q17	442.29	7/5/2017	NE	36.64	NA	NA	NA	405.65	404.48 - 394.48 (37.81 - 47.81)	212	*
4Q17		10/2/2017	NE	36.72	NA	NA	NA	405.57		1045	*
1Q18		1/3/2018	NE	38.80	NA	NA	NA	403.49		296	
2Q18		4/2/2018	NE	39.89	NA	NA	NA	402.40		1.3	
3Q18		7/2/2018	NE	40.72	NA	NA	NA	401.57		0.0	
4Q18		10/1/2018	NE	40.78	NA	NA	NA	401.51		0.0	
1Q19		1/3/2019	NE	40.61	NA	NA	NA	401.68		0.0	
2Q19		4/1/2019	NE	40.68	NA	NA	NA	401.61		0.0	
3Q19	442.52	7/1/2019	NE	36.84	NA	NA	NA	405.68	404.71 - 394.71 (37.81 - 47.81)	134	*
4Q19		10/1/2019	NE	35.46	NA	NA	NA	407.06		50.1	*
1Q20		1/2/2020	NE	36.41	NA	NA	NA	406.11		227	*
2Q20		4/1/2020	NE	36.16	NA	NA	NA	406.36		1.1	*
ROST 4 PZ											
3Q17	442.13	7/5/2017	NE	36.55	NA	NA	NA	405.58	407.20 - 397.20 (34.93 - 44.93)	0.0	
4Q17		10/2/2017	NE	36.12	NA	NA	NA	406.01		0.3	
1Q18		1/2/2018	NE	37.88	NA	NA	NA	404.25		60.7	
2Q18		4/2/2018	NE	39.15	NA	NA	NA	402.98		0.0	
3Q18		7/2/2018	NE	39.77	NA	NA	NA	402.36		0.0	
4Q18		10/1/2018	NE	39.81	NA	NA	NA	402.32		0.0	
1Q19		1/2/2019	NE	39.72	NA	NA	NA	402.41		0.0	
2Q19		4/1/2019	NE	40.00	NA	NA	NA	402.13		0.0	
3Q19	442.15	7/1/2019	NE	37.35	NA	NA	NA	404.80	407.22 - 397.22 (34.93 - 44.93)	0.0	
4Q19		10/1/2019	NE	35.10	NA	NA	NA	407.05		31.4	
1Q20		1/2/2020	NE	35.93	NA	NA	NA	406.22		11.2	
2Q20		4/1/2020	NE	35.92	NA	NA	NA	406.23		0.1	
ROST 4 PZ(A)											
3Q17	442.11	7/5/2017	NE	35.80	NA	NA	NA	406.31	407.34 - 397.34 (34.77 - 44.77)	0.0	
4Q17		10/2/2017	NE	35.42	NA	NA	NA	406.69		2.3	
1Q18		1/2/2018	NE	37.16	NA	NA	NA	404.95		1.3	
2Q18		4/2/2018	NE	38.53	NA	NA	NA	403.58		0.0	
3Q18		7/2/2018	NE	39.59	NA	NA	NA	402.52		0.0	
4Q18		10/2/2018	NE	39.67	NA	NA	NA	402.44		0.0	
1Q19		1/2/2019	NE	39.53	NA	NA	NA	402.58		0.0	
2Q19		4/1/2019	NE	40.05	NA	NA	NA	402.06		0.0	
3Q19	442.15	7/1/2019	NE	36.34	NA	NA	NA	405.81	407.38 - 397.38 (34.77 - 44.77)	0.0	
4Q19		10/1/2019	NE	34.38	NA	NA	NA	407.77		6.0	*
1Q20		1/2/2020	NE	35.20	NA	NA	NA	406.95		0.0	
2Q20		4/1/2020	NE	35.24	NA	NA	NA	406.91		0.0	

TABLE 1
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WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
ROST 4 PZ(B)											
3Q17	442.38	7/5/2017	NE	36.53	NA	NA	NA	405.85	407.33 - 397.33 (35.05 - 45.05)	0.0	
4Q17		10/2/2017	NE	36.09	NA	NA	NA	406.29		0.7	
1Q18		1/2/2018	NE	37.85	NA	NA	NA	404.53		0.9	
2Q18		4/2/2018	NE	39.30	NA	NA	NA	403.08		0.0	
3Q18		7/2/2018	NE	40.02	NA	NA	NA	402.36		0.0	
4Q18		10/1/2018	NE	39.82	NA	NA	NA	402.56		0.0	
1Q19		1/2/2019	NE	39.86	NA	NA	NA	402.52		0.0	
2Q19		4/1/2019	NE	40.18	NA	NA	NA	402.20		0.0	
3Q19	442.40	7/1/2019	NE	37.26	NA	NA	NA	405.14	407.35 - 397.35 (35.05 - 45.05)	0.0	
4Q19		10/1/2019	NE	35.09	NA	NA	NA	407.31		0.0	
1Q20		1/2/2020	NE	35.91	NA	NA	NA	406.49		0.0	
2Q20		4/1/2020	NE	35.94	NA	NA	NA	406.46		0.0	
ROST 4 PZ(C)											
3Q17	442.66	7/5/2017	NE	37.23	NA	NA	NA	405.43	407.71 - 397.71 (34.95 - 44.95)	0.0	
4Q17		10/2/2017	NE	36.99	NA	NA	NA	405.67		0.2	
1Q18		1/2/2018	NE	38.75	NA	NA	NA	403.91		30.9	
2Q18		4/2/2018	NE	39.98	NA	NA	NA	402.68		0.0	
3Q18		7/2/2018	NE	40.88	NA	NA	NA	401.78		0.0	
4Q18		10/1/2018	NE	40.93	NA	NA	NA	401.73		0.0	
1Q19		1/3/2019	NE	40.78	NA	NA	NA	401.88		0.0	
2Q19		4/1/2019	NE	41.04	NA	NA	NA	401.62		0.0	
3Q19	442.97	7/1/2019	NE	38.14	NA	NA	NA	404.83	408.02 - 398.02 (34.95 - 44.95)	0.0	
4Q19		10/1/2019	NE	35.92	NA	NA	NA	407.05		0.0	
1Q20		1/2/2020	NE	36.77	NA	NA	NA	406.20		0.1	
2Q20		4/1/2020	NE	36.75	NA	NA	NA	406.22		0.0	
ROST 4 PZ(D)											
3Q17	442.98	7/5/2017	NE	37.17	NA	NA	NA	405.81	408.01 - 398.01 (34.97 - 44.97)	0.0	
4Q17		10/2/2017	NE	36.85	NA	NA	NA	406.13		0.1	
1Q18		1/2/2018	NE	38.63	NA	NA	NA	404.35		0.0	
2Q18		4/2/2018	NE	39.82	NA	NA	NA	403.16		0.0	
3Q18		7/2/2018	NE	40.77	NA	NA	NA	402.21		0.0	
4Q18		10/1/2018	NE	40.23	NA	NA	NA	402.75		0.0	
1Q19		1/3/2019	NE	40.65	NA	NA	NA	402.33		0.0	
2Q19		4/1/2019	NE	40.88	NA	NA	NA	402.10		0.0	
3Q19	442.92	7/1/2019	NE	37.98	NA	NA	NA	404.94	407.95 - 397.95 (34.97 - 44.97)	0.0	
4Q19		10/1/2019	NE	35.80	NA	NA	NA	407.12		2.0	
1Q20		1/2/2020	NE	36.66	NA	NA	NA	406.26		3.8	
2Q20		4/1/2020	NE	36.61	NA	NA	NA	406.31		0.1	
ROST 4 PZ(E)											
3Q17	441.96	7/5/2017	NE	36.48	NA	NA	NA	405.48	407.21 - 397.21 (34.75 - 44.75)	0.0	
4Q17		10/2/2017	NE	36.10	NA	NA	NA	405.86		0.3	
1Q18		1/2/2018	NE	37.85	NA	NA	NA	404.11		11.1	
2Q18		4/3/2018	NE	38.78	NA	NA	NA	403.18		0.0	
3Q18		7/2/2018	NE	39.54	NA	NA	NA	402.42		0.0	
4Q18		10/1/2018	NE	39.59	NA	NA	NA	402.37		0.0	
1Q19		1/2/2019	NE	39.48	NA	NA	NA	402.48		0.0	
2Q19		4/1/2019	NE	39.72	NA	NA	NA	402.24		0.0	
3Q19	441.98	7/1/2019	NE	37.18	NA	NA	NA	404.80	407.23 - 397.23 (34.75 - 44.75)	0.0	
4Q19		10/1/2019	NE	35.09	NA	NA	NA	406.89		35.5	
1Q20		1/2/2020	NE	35.88	NA	NA	NA	406.10		0.0	
2Q20		4/1/2020	NE	35.89	NA	NA	NA	406.09		0.0	

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
ROST 4 PZ(F)											
3Q17	442.12	7/5/2017	NE	36.67	NA	NA	NA	405.45	407.59 - 397.59 (34.53 - 44.53)	0.0	
4Q17		10/2/2017	NE	36.25	NA	NA	NA	405.87		0.0	
1Q18		1/2/2018	NE	38.07	NA	NA	NA	404.05		0.7	
2Q18		4/3/2018	NE	38.97	NA	NA	NA	403.15		0.0	
3Q18		7/2/2018	NE	39.57	NA	NA	NA	402.55		0.0	
4Q18		10/1/2018	NE	39.59	NA	NA	NA	402.53		0.0	
1Q19		1/2/2019	NE	39.51	NA	NA	NA	402.61		0.0	
2Q19		4/1/2019	NE	39.75	NA	NA	NA	402.37		0.0	
3Q19		7/1/2019	NE	37.32	NA	NA	NA	404.80		0.0	
4Q19		10/1/2019	NE	35.29	NA	NA	NA	406.83		0.0	
1Q20		1/2/2020	NE	36.22	NA	NA	NA	405.90		4.7	
2Q20		4/1/2020	NE	36.12	NA	NA	NA	406.00		0.0	
ROST 4 PZ(G)											
3Q17	442.13	7/5/2017	NE	36.77	NA	NA	NA	405.36	407.85 - 397.85 (34.28 - 44.28)	9.2	
4Q17		10/2/2017	NE	36.43	NA	NA	NA	405.70		272	
1Q18		1/2/2018	NE	38.97	NA	NA	NA	403.16		77.4	
2Q18		4/2/2018	NE	39.84	NA	NA	NA	402.29		0.2	
3Q18		7/2/2018	NE	40.87	NA	NA	NA	401.26		0.0	
4Q18		10/1/2018	NE	40.94	NA	NA	NA	401.19		0.0	
1Q19		1/3/2019	NE	40.74	NA	NA	NA	401.39		0.0	
2Q19		4/1/2019	NE	40.78	NA	NA	NA	401.35		0.0	
3Q19	442.20	7/1/2019	NE	37.00	NA	NA	NA	405.20	407.92 - 397.92 (34.28 - 44.28)	0.0	
4Q19		10/1/2019	NE	35.57	NA	NA	NA	406.63		0.0	
1Q20		1/2/2020	NE	36.67	NA	NA	NA	405.53		87.2	
2Q20		4/1/2020	NE	36.07	NA	NA	NA	406.13		9.0	
S 1											
3Q17	443.90	7/6/2017	39.02	39.08	404.82	404.88	0.06	404.87	Unknown	602	
4Q17		10/3/2017	39.45	39.61	404.29	404.45	0.16	404.42		163	
1Q18		1/3/2018	40.78	40.85	403.05	403.12	0.07	403.11		185	
2Q18		4/4/2018	42.44	42.50	401.40	401.46	0.06	401.45		191	
3Q18		7/3/2018	42.88	42.95	400.95	401.02	0.07	401.01		168	
4Q18		10/2/2018	42.90	43.02	400.88	401.00	0.12	400.98		176	
1Q19		1/3/2019	43.05	43.08	400.82	400.85	0.03	400.84		212	
2Q19		4/1/2019	42.84	42.85	401.05	401.06	0.01	401.06		572	
3Q19	444.06	7/1/2019	40.03	40.05	404.01	404.03	0.02	404.03		184	
4Q19		10/1/2019	38.32	38.33	405.73	405.74	0.01	405.74		187	
1Q20		1/2/2020	38.96	38.98	405.08	405.10	0.02	405.10		129	
2Q20		4/2/2020	38.57	38.58	405.48	405.49	0.01	405.49		160	
T 1											
3Q17	445.40	7/5/2017	NE	39.11	NA	NA	NA	406.29	398.40 - 388.40 (47.00 - 57.00)	0.0	*
4Q17		10/2/2017	NE	39.30	NA	NA	NA	406.10		2.3	*
1Q18		1/2/2018	NE	41.16	NA	NA	NA	404.24		8.0	*
2Q18		4/2/2018	NE	42.22	NA	NA	NA	403.18		0.0	*
3Q18		7/2/2018	NE	43.16	NA	NA	NA	402.24		0.0	*
4Q18		10/2/2018	NE	43.33	NA	NA	NA	402.07		0.0	*
1Q19		1/2/2019	NE	43.33	NA	NA	NA	402.07		0.0	*
2Q19		4/1/2019	NE	43.44	NA	NA	NA	401.96		0.0	*
3Q19	445.61	7/1/2019	NE	40.38	NA	NA	NA	405.23	398.61 - 388.61 (47.00 - 57.00)	0.0	*
4Q19		10/1/2019	NE	38.74	NA	NA	NA	406.87		0.0	*
1Q20		1/2/2020	NE	39.17	NA	NA	NA	406.44		0.0	*
2Q20		4/1/2020	NE	38.90	NA	NA	NA	406.71		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
T 2											
3Q17	443.21	7/5/2017	NE	37.21	NA	NA	NA	406.00	392.72 - 372.56 (50.49 - 70.64)	0.0	*
4Q17		10/3/2017	NE	37.54	NA	NA	NA	405.67		0.0	*
1Q18		1/2/2018	NE	38.82	NA	NA	NA	404.39		0.0	*
2Q18		4/2/2018	NE	40.07	NA	NA	NA	403.14		0.0	*
3Q18		7/2/2018	NE	41.40	NA	NA	NA	401.81		0.0	*
4Q18		10/1/2018	NE	41.69	NA	NA	NA	401.52		0.0	*
1Q19		1/3/2019	NE	41.83	NA	NA	NA	401.38		0.0	*
2Q19		4/2/2019	NE	41.72	NA	NA	NA	401.49		0.0	*
3Q19	443.40	7/1/2019	NE	39.59	NA	NA	NA	403.81	392.90 - 372.76 (50.49 - 70.64)	0.0	*
4Q19		10/1/2019	NE	37.72	NA	NA	NA	405.68		0.0	*
1Q20		1/2/2020	NE	37.83	NA	NA	NA	405.57		0.0	*
2Q20		4/1/2020	NE	37.30	NA	NA	NA	406.10		0.0	*
T 3											
3Q17	449.03	7/6/2017	NE	44.04	NA	NA	NA	404.99	403.81 - 388.81 (45.22 - 60.22)	0.0	*
4Q17		10/3/2017	NE	44.42	NA	NA	NA	404.61		0.0	*
1Q18		1/2/2018	45.43	45.44	403.59	403.60	0.01	403.60		7.6	
2Q18		4/4/2018	NE	46.94	NA	NA	NA	402.09		0.1	
3Q18		7/2/2018	NE	48.85	NA	NA	NA	400.18		0.0	
4Q18		10/1/2018	NE	49.26	NA	NA	NA	399.77		0.0	
1Q19		1/2/2019	NE	49.53	NA	NA	NA	399.50		4.9	
2Q19		4/2/2019	NE	49.24	NA	NA	NA	399.79		0.0	
3Q19	449.21	7/1/2019	NE	48.00	NA	NA	NA	401.21	403.99 - 388.99 (45.22 - 60.22)	0.0	
4Q19		10/1/2019	NE	45.99	NA	NA	NA	403.22		0.0	
1Q20		1/2/2020	NE	45.34	NA	NA	NA	403.87		0.0	
2Q20		4/1/2020	NE	44.65	NA	NA	NA	404.56		0.0	*
T 4											
3Q17	446.63	7/6/2017	NE	41.92	NA	NA	NA	404.71	398.32 - 383.32 (48.31 - 63.31)	0.0	*
4Q17		10/3/2017	NE	42.65	NA	NA	NA	403.98		0.0	*
1Q18		1/4/2018	NE	43.21	NA	NA	NA	403.42		10.4	*
2Q18		4/4/2018	NE	45.12	NA	NA	NA	401.51		0.0	*
3Q18		7/3/2018	NE	46.96	NA	NA	NA	399.67		0.0	*
4Q18		10/2/2018	NE	47.04	NA	NA	NA	399.59		0.1	*
1Q19		1/2/2019	NE	47.65	NA	NA	NA	398.98		0.0	*
2Q19		4/2/2019	NE	47.14	NA	NA	NA	399.49	396.61 - 381.61 (50.02 - 65.02)	0.0	*
3Q19	446.82	7/1/2019	NE	46.87	NA	NA	NA	399.95	396.80 - 381.80 (50.02 - 65.02)	0.0	*
4Q19		10/2/2019	NE	44.83	NA	NA	NA	401.99		0.0	*
1Q20		1/2/2020	NE	43.47	NA	NA	NA	403.35		0.0	*
2Q20		4/2/2020	NE	42.06	NA	NA	NA	404.76		0.0	*
T 5											
3Q17	443.47	7/6/2017	NE	38.07	NA	NA	NA	405.40	395.14 - 378.59 (48.33 - 64.88)	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 wel - Unable to access
3Q18		7/3/2018	NE	41.59	NA	NA	NA	401.88		2.2	*
4Q18		10/2/2018	NE	41.87	NA	NA	NA	401.60		5.7	*
1Q19		1/3/2019	NE	42.11	NA	NA	NA	401.36		17.7	*
2Q19		4/1/2019	NE	41.84	NA	NA	NA	401.63		4.2	*
3Q19	443.66	7/1/2019	NE	39.64	NA	NA	NA	404.02	395.33 - 378.78 (48.33 - 64.88)	12.0	*
4Q19		10/1/2019	NE	37.75	NA	NA	NA	405.91		5.8	*
1Q20		1/2/2020	NE	37.99	NA	NA	NA	405.67		7.2	*
2Q20		4/3/2020	NE	37.62	NA	NA	NA	406.04		12.8	*

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WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
T 6											
3Q17	446.61	7/5/2017	NE	41.60	NA	NA	NA	405.01	394.85 - 380.60 (51.76 - 66.01)	0.1	*
4Q17		10/2/2017	NE	41.92	NA	NA	NA	404.69		0.2	*
1Q18		1/2/2018	NE	44.30	NA	NA	NA	402.31		2.0	*
2Q18		4/3/2018	NE	44.81	NA	NA	NA	401.80		0.7	*
3Q18		7/2/2018	NE	45.61	NA	NA	NA	401.00		0.1	*
4Q18		10/1/2018	NE	45.58	NA	NA	NA	401.03		0.0	*
1Q19		1/2/2019	NE	45.42	NA	NA	NA	401.19		17.1	*
2Q19		4/1/2019	NE	45.24	NA	NA	NA	401.37	394.1 - 379.85 (52.51 - 66.76)	0.0	*
3Q19	446.78	7/1/2019	NE	41.12	NA	NA	NA	405.66	394.27 - 380.02 (52.51 - 66.76)	1.8	*
4Q19		10/1/2019	NE	39.90	NA	NA	NA	406.88		0.1	*
1Q20		1/2/2020	NE	41.29	NA	NA	NA	405.49		2.5	*
2Q20		4/1/2020	NE	41.10	NA	NA	NA	405.68		3.7	*
T 7											
3Q17	444.04	7/6/2017	NE	37.53	NA	NA	NA	406.51	395.32 - 380.32 (48.72 - 63.72)	0.0	*
4Q17		10/2/2017	NE	38.09	NA	NA	NA	405.95		0.0	*
1Q18		1/4/2018	39.98	39.99	404.05	404.06	0.01	404.06		2.5	*
2Q18		4/4/2018	NE	41.13	NA	NA	NA	402.91		3.5	*
3Q18		7/2/2018	NE	41.17	NA	NA	NA	402.87		0.0	*
4Q18		10/3/2018	NE	41.08	NA	NA	NA	402.96		0.0	*
1Q19		1/4/2019	NE	40.97	NA	NA	NA	403.07		5.8	*
2Q19		4/2/2019	NE	40.78	NA	NA	NA	403.26		59.6	*
3Q19	444.26	7/2/2019	NE	37.14	NA	NA	NA	407.12	395.54 - 380.54 (48.72 - 63.72)	0.6	*
4Q19		10/2/2019	NE	36.23	NA	NA	NA	408.03		0.9	*
1Q20		1/3/2020	NE	37.33	NA	NA	NA	406.93		69.9	*
2Q20		4/3/2020	NE	36.90	NA	NA	NA	407.36		0.9	*
T 12											
3Q17	444.80	7/5/2017	NE	40.06	NA	NA	NA	404.74	397.97 - 371.97 (46.83 - 72.83)	0.7	*
4Q17		10/2/2017	NE	39.15	NA	NA	NA	405.65		0.3	*
1Q18		1/3/2018	NE	42.06	NA	NA	NA	402.74		6.1	*
2Q18		4/2/2018	NE	43.06	NA	NA	NA	401.74		3.8	*
3Q18		7/2/2018	NE	44.21	NA	NA	NA	400.59		0.1	*
4Q18		10/1/2018	NE	44.18	NA	NA	NA	400.62		1.2	*
1Q19		1/2/2019	NE	44.03	NA	NA	NA	400.77		315	*
2Q19		4/1/2019	NE	44.11	NA	NA	NA	400.69		15.1	*
3Q19	444.99	7/1/2019	NE	40.35	NA	NA	NA	404.64	398.16 - 372.16 (46.83 - 72.83)	1.1	*
4Q19		10/1/2019	NE	38.66	NA	NA	NA	406.33		0.8	*
1Q20		1/2/2020	NE	40.04	NA	NA	NA	404.95		2.2	*
2Q20		4/1/2020	NE	39.10	NA	NA	NA	405.89		10.0	*
T 13											
3Q17	443.96	7/5/2017	NE	37.10	NA	NA	NA	406.86	396.46 - 370.46 (47.50 - 73.50)	0.0	*
4Q17		10/3/2017	NE	37.38	NA	NA	NA	406.58		0.0	*
1Q18		1/2/2018	NE	38.96	NA	NA	NA	405.00		3.7	*
2Q18		4/2/2018	NE	39.93	NA	NA	NA	404.03	400.15 - 374.15 (43.81 - 69.81)	0.0	*
3Q18		7/2/2018	NE	40.85	NA	NA	NA	403.11		0.0	*
4Q18		10/1/2018	NE	41.24	NA	NA	NA	402.72		0.1	*
1Q19		1/2/2019	NE	41.25	NA	NA	NA	402.71		0.0	*
2Q19		4/1/2019	NE	41.34	NA	NA	NA	402.62		0.0	*
3Q19	443.76	7/1/2019	NE	38.35	NA	NA	NA	405.41	399.95 - 373.95 (43.81 - 69.81)	0.0	*
4Q19		10/1/2019	NE	36.78	NA	NA	NA	406.98		0.1	*
1Q20		1/2/2020	NE	37.14	NA	NA	NA	406.62		0.0	*
2Q20		4/1/2020	NE	36.87	NA	NA	NA	406.89		0.0	*

TABLE 1
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WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
T 15											
3Q17	445.14	7/6/2017	NE	38.98	NA	NA	NA	406.16	397.10 - 371.10 (48.04 - 74.04)	0.0	*
4Q17		10/3/2017	NE	39.39	NA	NA	NA	405.75		0.0	*
1Q18		1/3/2018	NE	40.36	NA	NA	NA	404.78		0.0	*
2Q18		4/2/2018	41.62	41.71	403.43	403.52	0.09	403.50		0.0	* Gauging result anomalous
		6/8/2018	NE	42.98	NA	NA	NA	402.16		0.0	*
3Q18		7/2/2018	NE	43.32	NA	NA	NA	401.82		0.0	*
4Q18		10/1/2018	NE	43.53	NA	NA	NA	401.61		0.0	*
1Q19		1/4/2019	NE	43.78	NA	NA	NA	401.36		0.0	*
2Q19		4/2/2019	NE	43.76	NA	NA	NA	401.38	396.74 - 370.74 (48.40 - 74.40)	0.0	*
3Q19	445.35	7/1/2019	NE	42.13	NA	NA	NA	403.22	396.95 - 370.95 (48.40 - 74.40)	0.0	*
4Q19		10/1/2019	NE	40.23	NA	NA	NA	405.12		0.0	*
1Q20		1/2/2020	NE	39.97	NA	NA	NA	405.38		0.0	*
2Q20		4/1/2020	NE	39.25	NA	NA	NA	406.10		0.0	*
T 17											
3Q17	446.01	7/6/2017	NE	36.63	NA	NA	NA	409.38	401.91 - 375.91 (44.10 - 70.10)	2.6	*
4Q17		10/3/2017	NE	37.78	NA	NA	NA	408.23		0.0	*
1Q18		1/3/2018	NE	38.74	NA	NA	NA	407.27		0.8	*
2Q18		4/3/2018	NE	40.01	NA	NA	NA	406.00		0.0	*
3Q18		7/2/2018	NE	41.25	NA	NA	NA	404.76		0.0	*
4Q18		10/1/2018	NE	41.70	NA	NA	NA	404.31		0.0	*
1Q19		1/2/2019	NE	42.66	NA	NA	NA	403.35		0.0	*
2Q19		4/2/2019	NE	42.32	NA	NA	NA	403.69	401.54 - 375.54 (44.47 - 70.47)	0.0	*
3Q19	446.19	7/1/2019	NE	41.39	NA	NA	NA	404.80	401.72 - 375.72 (44.47 - 70.47)	0.0	*
4Q19		10/2/2019	NE	39.98	NA	NA	NA	406.21		0.0	*
1Q20		1/2/2020	NE	39.12	NA	NA	NA	407.07		0.0	*
2Q20		4/2/2020	NE	37.70	NA	NA	NA	408.49		1.0	*
T 19											
3Q17	446.79	7/6/2017	NE	42.15	NA	NA	NA	404.64	396.02 - 370.02 (50.77 - 76.77)	92.6	*
4Q17		10/3/2017	NE	42.74	NA	NA	NA	404.05		4.9	*
1Q18		1/4/2018	NE	43.34	NA	NA	NA	403.45		236	*
2Q18		4/4/2018	NE	45.19	NA	NA	NA	401.60		7.6	*
3Q18		7/3/2018	NE	46.77	NA	NA	NA	400.02		11.1	*
4Q18		10/2/2018	NE	46.97	NA	NA	NA	399.82		22.9	*
1Q19		1/2/2019	NE	47.55	NA	NA	NA	399.24		475	*
2Q19		4/2/2019	NE	47.12	NA	NA	NA	399.67		103	*
3Q19	446.99	7/1/2019	NE	46.81	NA	NA	NA	400.18	396.22 - 370.22 (50.77 - 76.77)	0.9	*
4Q19		10/2/2019	NE	44.74	NA	NA	NA	402.25		5.8	*
1Q20		1/2/2020	NE	43.46	NA	NA	NA	403.53		17.7	*
2Q20		4/2/2020	NE	42.14	NA	NA	NA	404.85		13.5	*
T 21											
3Q17	443.99	7/6/2017	NE	28.80	NA	NA	NA	415.19	412.03 - 386.03 (31.96 - 57.96)	0.0	*
4Q17		10/2/2017	NE	29.28	NA	NA	NA	414.71		0.0	*
1Q18		1/4/2018	NE	30.74	NA	NA	NA	413.25		0.0	*
2Q18		4/4/2018	NE	32.13	NA	NA	NA	411.86		0.0	
3Q18		7/2/2018	NE	32.04	NA	NA	NA	411.95		0.0	
4Q18		10/3/2018	NE	32.25	NA	NA	NA	411.74		0.0	
1Q19		1/4/2019	NE	32.96	NA	NA	NA	411.03		0.0	
2Q19		4/2/2019	NE	32.84	NA	NA	NA	411.15		0.0	
3Q19	444.22	7/2/2019	NE	30.50	NA	NA	NA	413.72	412.26 - 386.26 (31.96 - 57.96)	0.0	*
4Q19		10/2/2019	NE	29.31	NA	NA	NA	414.91		0.0	*
1Q20		1/3/2020	NE	29.57	NA	NA	NA	414.65		0.0	*
2Q20		4/3/2020	NE	28.56	NA	NA	NA	415.66		0.0	*

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
T 22											
3Q17	442.19	7/6/2017	NE	30.35	NA	NA	NA	411.84	410.64 - 384.94 (31.55 - 57.25)	0.0	*
4Q17		10/2/2017	NE	31.25	NA	NA	NA	410.94		0.0	*
1Q18		1/4/2018	NE	32.91	NA	NA	NA	409.28		1.0	
2Q18		4/4/2018	NE	33.96	NA	NA	NA	408.23		0.0	
3Q18		7/2/2018	NE	33.76	NA	NA	NA	408.43		0.0	
4Q18		10/3/2018	NE	33.96	NA	NA	NA	408.23		0.0	
1Q19		1/4/2019	NE	34.06	NA	NA	NA	408.13		0.0	
2Q19		4/2/2019	NE	33.83	NA	NA	NA	408.36		0.0	
3Q19	442.37	7/2/2019	NE	30.31	NA	NA	NA	412.06	410.82 - 385.12 (31.55 - 57.25)	0.0	*
4Q19		10/2/2019	NE	29.90	NA	NA	NA	412.47		0.0	*
1Q20		1/3/2020	NE	30.49	NA	NA	NA	411.88		0.0	*
2Q20		4/3/2020	NE	29.72	NA	NA	NA	412.65		0.0	*
T 23											
3Q17	432.69	7/6/2017	NE	23.15	NA	NA	NA	409.54	405.46 - 379.46 (27.23 - 53.23)	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 we l due to landscaping
3Q18		7/2/2018	NE	26.63	NA	NA	NA	406.06		0.0	*
4Q18		10/3/2018	NE	26.83	NA	NA	NA	405.86		0.0	*
1Q19		1/4/2019	NE	26.65	NA	NA	NA	406.04		0.0	*
2Q19		4/2/2019	NE	26.26	NA	NA	NA	406.43		0.0	*
3Q19	432.90	7/1/2019	NE	22.41	NA	NA	NA	410.49	405.67 - 379.67 (27.23 - 53.23)	0.0	*
4Q19		10/1/2019	NE	22.19	NA	NA	NA	410.71		0.0	*
1Q20		1/2/2020	NE	23.10	NA	NA	NA	409.80		0.0	*
2Q20		4/2/2020	NE	22.54	NA	NA	NA	410.36		0.0	*
T 24											
3Q17	443.81	7/5/2017	38.53	38.65	405.16	405.28	0.12	405.26	402.31 - 376.66 (41.50 - 67.15)	1.6	*
4Q17		10/2/2017	38.40	38.49	405.32	405.41	0.09	405.39		0.0	*
1Q18		1/2/2018	40.49	40.57	403.24	403.32	0.08	403.30		7.2	*
2Q18		4/2/2018	41.53	41.62	402.19	402.28	0.09	402.26		0.6	
3Q18		7/2/2018	42.79	42.87	400.94	401.02	0.08	401.00		0.4	
4Q18		10/2/2018	42.79	43.08	400.73	401.02	0.29	400.96		0.4	
1Q19		1/3/2019	42.71	43.54	400.27	401.10	0.83	400.93		31.0	
2Q19		4/1/2019	42.69	44.05	399.76	401.12	1.36	400.85		16.0	
3Q19	444.00	7/1/2019	39.75	40.27	403.73	404.25	0.52	404.15	402.50 - 376.85 (41.50 - 67.15)	12.6	*
4Q19		10/1/2019	38.01	38.34	405.66	405.99	0.33	405.92		0.7	*
1Q20		1/2/2020	38.81	38.95	405.05	405.19	0.14	405.16		14.7	*
2Q20		4/2/2020	38.17	38.20	405.80	405.83	0.03	405.82		1.1	*
T 28											
3Q17	444.43	7/6/2017	NE	36.85	NA	NA	NA	407.58	Unknown	0.0	
4Q17		10/3/2017	NE	37.73	NA	NA	NA	406.70		0.0	
1Q18		1/3/2018	NE	38.57	NA	NA	NA	405.86		0.0	
2Q18		4/2/2018	NE	39.84	NA	NA	NA	404.59		0.0	
3Q18		7/2/2018	NE	41.39	NA	NA	NA	403.04		0.0	
4Q18		10/1/2018	NE	41.88	NA	NA	NA	402.55		0.0	
1Q19		1/2/2019	NE	42.55	NA	NA	NA	401.88		0.0	
2Q19		4/2/2019	NE	42.26	NA	NA	NA	402.17		0.0	
3Q19	444.56	7/1/2019	NE	41.35	NA	NA	NA	403.21		0.0	
4Q19		10/2/2019	NE	39.72	NA	NA	NA	404.84		0.0	
1Q20		1/2/2020	NE	38.80	NA	NA	NA	405.76		0.0	
2Q20		4/2/2020	NE	37.69	NA	NA	NA	406.87		0.0	

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
T 37											
3Q17	447.25	7/6/2017	NE	37.34	NA	NA	NA	409.91	398.40 - 378.40 (48.85 - 68.85)	0.0	*
4Q17		10/3/2017	NE	38.02	NA	NA	NA	409.23		0.0	*
1Q18		1/4/2018	NE	39.08	NA	NA	NA	408.17		0.1	*
2Q18		4/3/2018	NE	40.33	NA	NA	NA	406.92		0.0	*
3Q18		7/3/2018	NE	41.26	NA	NA	NA	405.99		0.0	*
4Q18		10/2/2018	NE	41.59	NA	NA	NA	405.66		0.1	*
1Q19		1/3/2019	NE	42.52	NA	NA	NA	404.73		0.0	*
2Q19		4/2/2019	NE	42.25	NA	NA	NA	405.00		0.0	*
3Q19	447.44	7/2/2019	NE	41.46	NA	NA	NA	405.98	398.58 - 378.58 (48.85 - 68.85)	0.0	*
4Q19		10/2/2019	NE	39.97	NA	NA	NA	407.47		0.0	*
1Q20		1/2/2020	NE	39.06	NA	NA	NA	408.38		0.0	*
2Q20		4/3/2020	NE	37.78	NA	NA	NA	409.66		0.0	*
T 38											
3Q17	445.67	7/6/2017	NE	34.15	NA	NA	NA	411.52	396.53 - 376.53 (49.14 - 69.14)	0.0	*
4Q17		10/3/2017	NE	35.02	NA	NA	NA	410.65		0.0	*
1Q18		1/4/2018	NE	36.13	NA	NA	NA	409.54		22.5	*
2Q18		4/3/2018	NE	37.21	NA	NA	NA	408.46		0.0	*
3Q18		7/3/2018	NE	37.95	NA	NA	NA	407.72		0.0	*
4Q18		10/2/2018	NE	38.32	NA	NA	NA	407.35		0.0	*
1Q19		1/3/2019	NE	39.25	NA	NA	NA	406.42		0.0	*
2Q19		4/2/2019	NE	38.99	NA	NA	NA	406.68		0.0	*
3Q19	445.89	7/2/2019	NE	37.60	NA	NA	NA	408.29	396.75 - 376.75 (49.14 - 69.14)	0.0	*
4Q19		10/2/2019	NE	36.31	NA	NA	NA	409.58		0.0	*
1Q20		1/2/2020	NE	35.88	NA	NA	NA	410.01		0.0	*
2Q20		4/3/2020	NE	34.61	NA	NA	NA	411.28		0.0	*
T 62											
3Q17	431.99	7/6/2017	NE	24.51	NA	NA	NA	407.48	412.28 - 382.28 (19.71 - 49.71)	0.5	
4Q17		10/2/2017	NE	26.21	NA	NA	NA	405.78		0.0	
1Q18		1/3/2018	NE	28.34	NA	NA	NA	403.65		0.0	
2Q18		4/4/2018	NE	29.20	NA	NA	NA	402.79		0.0	
3Q18		7/2/2018	NE	28.77	NA	NA	NA	403.22		0.0	
4Q18		10/2/2018	NE	28.78	NA	NA	NA	403.21		0.0	
1Q19		1/3/2019	NE	28.30	NA	NA	NA	403.69		0.1	
2Q19		4/2/2019	NE	27.45	NA	NA	NA	404.54		0.0	
3Q19	432.16	7/30/2019	NE	21.97	NA	NA	NA	410.19	412.45 - 382.45 (19.71 - 49.71)	0.1	
4Q19		10/2/2019	NE	22.97	NA	NA	NA	409.19		0.0	
1Q20		1/3/2020	NE	24.47	NA	NA	NA	407.69		0.2	
2Q20		4/3/2020	NE	23.71	NA	NA	NA	408.45		0.0	
T 63											
3Q17	431.43	7/6/2017	NE	23.88	NA	NA	NA	407.55	411.45 - 381.45 (19.98 - 49.98)	0.0	
4Q17		10/2/2017	NE	25.98	NA	NA	NA	405.45		0.0	
1Q18		1/3/2018	NE	27.82	NA	NA	NA	403.61		0.0	
2Q18		4/4/2018	NE	28.86	NA	NA	NA	402.57		0.0	
3Q18		7/2/2018	NE	28.83	NA	NA	NA	402.60		0.0	
4Q18		10/2/2018	NE	27.93	NA	NA	NA	403.50		0.0	
1Q19		1/3/2019	NE	27.42	NA	NA	NA	404.01		0.0	
2Q19		4/2/2019	NE	26.69	NA	NA	NA	404.74		0.0	
3Q19	431.55	7/30/2019	NE	20.84	NA	NA	NA	410.71	411.57 - 381.57 (19.98 49.98)	0.0	
4Q19		10/2/2019	NE	22.20	NA	NA	NA	409.35		0.0	
1Q20		1/3/2020	NE	23.70	NA	NA	NA	407.85		0.0	
2Q20		4/3/2020	NE	23.13	NA	NA	NA	408.42		0.0	

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
T 64											
3Q17	428.93	7/6/2017	NE	21.57	NA	NA	NA	407.36	409.12 - 379.12 (19.81 - 49.81)	0.0	
4Q17		10/2/2017	NE	24.24	NA	NA	NA	404.69		0.0	
1Q18		1/3/2018	NE	26.04	NA	NA	NA	402.89		0.0	
2Q18		4/4/2018	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at well - Unable to access
3Q18		7/2/2018	NE	25.63	NA	NA	NA	403.30		0.0	
4Q18		10/2/2018	NE	25.47	NA	NA	NA	403.46		0.0	
1Q19		1/4/2019	NE	24.88	NA	NA	NA	404.05		0.0	
2Q19		4/3/2019	NE	23.94	NA	NA	NA	404.99		0.0	
3Q19	429.10	7/30/2019	NE	17.84	NA	NA	NA	411.26	409.29 - 379.29 (19.81 - 49.81)	3.3	*
4Q19		10/2/2019	NE	19.67	NA	NA	NA	409.43		3.4	*
1Q20		1/3/2020	NE	21.50	NA	NA	NA	407.60		0.0	
2Q20		4/3/2020	NE	26.64	NA	NA	NA	402.46		13.9	Gauging result anomalous

NOTES:

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

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

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

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

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

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

7) The screened interval for certain monitoring wells was adjusted based on an evaluation of the results of annual bottom depth gauging conducted in the first quarter of each year.

8) Top of casing and screened interval for the groundwater monitoring wells in the Roxana Interim Groundwater Monitoring Program and the WRR Program were adjusted based on surveying conducted in 2Q19, in accordance with Permit Condition IV.J.9, which requires wells be surveyed every five (5) years.

TABLE 2
SOIL VMP DEPTHS

Location	Yellow 1st Interval	White 10 foot Depth	Blue 2nd Interval	Green 3rd Interval	Red 4th Interval	Notes:
VMP-1	5		8.5	23.5	38.5	Village of Roxana - 1st Street
VMP-2	5		8.5	22	42	Village of Roxana - Alley Between 3rd and 4th Street
VMP-3	5	10	22	31.5	39	Village of Roxana - Alley Between 2nd and 3rd Street
VMP-4	5		12	23.5	39	Village of Roxana - Alley Between 4th and 5th Street
VMP-5	5		12.5	31	40	Village of Roxana - Alley Between 5th and 6th Street
VMP-6	5		10	31.5	39	Village of Roxana - Alley Between 6th and 7th Street
VMP-7	5		13.5	29.5	38	Village of Roxana - 7th Street
VMP-8	5		9.5	23.5	35.5	Village of Roxana - Alley Between 7th and 8th Street
VMP-9	5		11.5	25.5	38.5	Village of Roxana - Alley Between 7th and 8th Street
VMP-10	5		10	20	30	Public Works Yard
VMP-11	5		8	29	38	Public Works Yard
VMP-12	5		11.5	25	39	WRR- North Property
VMP-13	5		10.5	21.5	29.5	Public Works Yard
VMP-14	5		11.5	20	29	Public Works Yard
VMP-15	5		21.5	25.5	29	Village of Roxana - SE of Route 111 and Rand Avenue
VMP-16	5		13.5	19	31	WRR- Main Property
VMP-17	5					Public Works Yard
VMP-18	8.5					Village of Roxana - 8th Street
VMP-19	5					Village of Roxana - 8th Street
VMP-20	5		10	25	39.5	Village of Roxana - Alley Between 2nd and 3rd Street
VMP-21	5		10	25	33	Village of Roxana - Alley Between 3rd and 4th Street
VMP-22	5		10	18	38	Village of Roxana - Alley Between 4th and 5th Street
VMP-23	5		10	25	40	Village of Roxana - Alley Between 5th and 6th Street
VMP-24	5		10	22	34	Village of Roxana - 7th Street
VMP-25	5		9.5	21	31	Village of Roxana - Corner of Rand Avenue and Route 111
VMP-26	10		20	30	40	WRR - North Property
VMP-27	10		20	30	40	WRR - North Property
VMP-28	10		20	30	40	WRR - North Property
VMP-29	10		18	26	40	Public Works Yard
VMP-30	10		18	26	40	Public Works Yard
VMP-31	5		10	20	30	Village of Roxana - Chaffer Avenue (Abandoned in June 2014)
VMP-32	5		10	20	30	Village of Roxana - 4th Street
VMP-33			10	20	30	WRR - North Property
VMP-34			10	20	30	WRR - North Property
VMP-35			10	20	30	WRR - North Property
VMP-36			10	20	30	WRR - North Property
VMP-37			10	20	30	WRR - North Property
VMP-38			10	20	27	WRR - North Property
VMP-39			10	20	30	WRR - North Property
VMP-40			10	20	30	WRR - North Property
VMP-41			10	20	26	Public Works Yard
VMP-42			10	20	30	Village of Roxana - Corner of Chaffer Avenue and 3rd Street
VMP-43			10	20	30	Village of Roxana - Corner of Chaffer Avenue and 4th Street
VMP-44			10	20	30	Village of Roxana - Corner of Chaffer Avenue and 5th Street
VMP-45			10	20	30	Village of Roxana - Corner of Chaffer Avenue and 6th Street
VMP-46			10	20	30	WRR - North Property
VMP-47	5		10	20	30	Village of Roxana - Corner of Chaffer Avenue and Alley Between 1st and 2nd Street
VMP-48	5		10	20	30	Village of Roxana - Alley Between 2nd and 3rd Street
VMP-49	5		10	20	30	Village of Roxana - Alley Between 3rd and 4th Street
VMP-50	5		10	20	30	Village of Roxana - Alley Between 4th and 5th Street
VMP-51	5		10	20	30	Village of Roxana - Alley Between 5th and 6th Street
VMP-52	5		10	20	30	Village of Roxana - Alley Between 6th and 7th Street
VMP-53	5		10	20	30	Village of Roxana - Alley Between 7th and 8th Street
VMP-54	5		10	20	30	Village of Roxana - Alley Between 7th and 8th Street
VMP-55	5		10	20	30	Public Works Yard Area; Route 111 Right-of-Way
VMP-56			10	25	38.5	Village of Roxana - Corner of Chaffer Avenue and 4th Street
VMP-57	5		10	20		WRR - North Property
VMP-58	5		10	20	30	WRR - North Property
VMP-59	5		10	20	30	WRR - North Property
VMP-60	5		10	20	33.5	WRR - North Property
VMP-61	5		10	20	30	WRR - North Property
VMP-62	5		10	20	30	Village of Roxana - Alley Between 1st and 2nd Street
VMP-63	5		10	20	30	Village of Roxana - Corner of Chaffer Avenue and 1st Street
VMP-64	5		10	20	28	Village of Roxana - Corner of Chaffer Avenue and Alley Between 1st and Tydeman

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-1	5	7/23/2019	50.7	0.0	N/A	50.5	0.1	0.0	0.1	0.0	0	0.9	19.1
		10/24/2019	60.1	0.0	N/A	59.9	0.0	0.0	0.0	0.0	0	0.1	20.8
		1/27/2020	50.2	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	0.1	20.6
		4/24/2020	50.2	0.0	N/A	50.5	0.0	0.0	0.2	0.0	0	0.3	20.9
	8.5	7/23/2019	52.8	0.0	N/A	51.1	0.0	0.0	0.1	0.0	0	0.7	19.4
		10/24/2019	55.5	0.0	N/A	54.4	0.0	0.0	0.0	0.0	0	0.1	20.8
		11/15/2019[12]	55.8	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	0.2	20.9
		1/27/2020	50.3	0.0	0.0	50.3	0.0	0.0	0.0	0.0	0	0.1	20.9
		4/24/2020	50.3	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.2	20.9
	23.5	7/23/2019	56.6	0.0	N/A	55.2	0.0	0.8	0.4	0.0	0	0.8	19.3
		10/24/2019	61.5	0.0	N/A	60.0	0.0	0.0	0.0	0.0	0	0.2	20.7
		1/27/2020	50.9	0.0	0.0	50.6	0.0	0.0	0.0	0.0	0	0.2	20.4
		4/24/2020	51.1	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.2	20.9
	38.5	7/23/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/24/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/27/2020	50.1	0.0	0.0	50.5	0.0	0.0	0.1	0.0	0	0.1	20.6
		4/24/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-2	5	7/25/2019	58.1	0.0	N/A	55.5	0.0	0.0	0.2	0.0	0	4.4	15.8
		10/21/2019	59.0	0.0	N/A	50.2	0.0	0.0	0.1	0.0	0	3.1	18.3
		1/24/2020	57.8	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	1.3	19.8
		4/24/2020	50.7	0.0	N/A	50.1	0.0	0.0	0.1	0.0	0	1.5	20.1
	8.5	7/25/2019	57.7	0.0	N/A	54.3	0.0	0.0	0.2	0.0	0	3.2	16.5
		10/21/2019	53.0	0.0	N/A	59.7	0.0	0.0	0.1	0.0	0	4.2	17.2
		1/24/2020	57.9	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	2.5	19.3
		4/24/2020	50.6	0.0	N/A	50.6	0.0	0.0	0.2	0.0	0	1.9	20.0
	22	7/25/2019	56.1	1.8	N/A	58.5	4.8	0.0	0.1	0.0	0	1.7	17.1
		10/21/2019	55.8	0.0	N/A	50.1	0.0	0.0	0.1	0.0	0	3.6	17.3
		1/24/2020	61.2	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	3.2	18.4
		4/24/2020	50.0	0.0	N/A	50.4	0.0	0.0	0.2	0.0	0	2.0	19.9
	42	7/25/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/21/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/24/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/24/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-3	5	7/25/2019	60.0	0.0	N/A	53.1	2.0	0.0	0.2	0.0	0	0.4	20.1
		10/18/2019	55.0	0.0	N/A	51.7	0.8	0.0	0.1	0.0	0	0.0	20.7
		1/27/2020	50.1	0.0	0.0	50.5	0.7	0.0	0.0	0.0	0	0.0	19.5
		4/29/2020	50.4	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.1	20.4
	10	7/25/2019	59.8	0.0	N/A	53.1	1.0	0.0	0.2	0.0	0	0.5	19.2
		10/18/2019	58.5	0.0	N/A	50.2	0.1	0.0	0.1	0.0	0	0.1	20.8
		2/21/2020[8]	52.1	0.0	N/A	51.4	0.0	8.9	0.0	0.0	0	0.3	20.1
		4/29/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	22	7/25/2019	64.1	0.0	N/A	52.2	0.0	0.0	0.1	0.0	0	1.4	19.6
		10/18/2019	56.2	0.0	N/A	52.9	0.0	0.0	0.2	0.0	0	0.3	20.3
		1/27/2020	50.3	0.0	0.0	50.6	0.0	7.4	0.0	0.0	0	0.9	20.1
		4/29/2020	50.5	0.0	N/A	50.3	0.0	0.4	0.0	0.0	0	0.6	20.3
	31.5	7/25/2019	60.1	0.0	N/A	51.8	0.0	3.1	0.2	0.0	0	4.5	15.8
		10/18/2019	56.1	0.2	19.6	53.3	0.1	32810	648	25.4	OVR	6.8	9.7
		2/21/2020[13]	50.6	0.0	N/A	50.2	0.0	375	2.1	0.1	1	13.3	2.6
		4/29/2020	50.6	0.0	N/A	50.1	0.0	15600	457	8.7	OVR	12.5	5.5
	39	7/25/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/18/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/27/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/29/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-4	5	7/25/2019	56.9	0.0	N/A	53.8	0.0	0.0	0.1	0.0	0	0.1	20.4
		10/21/2019	58.6	0.0	N/A	51.0	0.0	0.0	0.1	0.0	0	0.0	20.8
		1/23/2020	54.7	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	0.0	20.8
		4/28/2020	41.8	0.0	N/A	40.6	0.0	0.0	0.0	0.0	0	0.0	20.8
	12	7/25/2019	57.0	0.0	N/A	51.8	0.0	0.0	0.1	0.0	0	0.2	20.1
		10/21/2019	57.6	0.0	N/A	52.0	0.0	0.0	0.1	0.0	0	0.1	20.8
		1/23/2020	52.4	0.0	N/A	51.9	0.0	0.3	0.1	0.0	0	0.0	20.9
		4/28/2020	42.6	0.0	N/A	43.0	0.0	0.0	0.0	0.0	0	0.1	20.7
	23.5	7/25/2019	58.7	0.0	N/A	53.9	0.0	4.0	0.3	0.0	0	1.2	19.1
		10/21/2019	58.1	0.0	N/A	53.7	0.0	26.9	0.2	0.0	0	2.3	18.3
		1/23/2020	51.2	0.0	N/A	50.0	0.0	0.0	0.3	0.0	0	2.1	18.7
		4/28/2020	43.3	0.0	N/A	55.1	0.0	0.0	0.3	0.0	0	1.6	19.0
	39	7/25/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/21/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/23/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/28/2020[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	7/24/2019	57.8	0.0	N/A	51.3	0.0	0.4	0.2	0.0	0	0.0	20.7
		10/21/2019	55.2	0.0	N/A	50.5	0.0	0.0	0.1	0.0	0	0.0	20.7
		1/28/2020	50.3	0.0	N/A	59.6	0.0	0.0	0.0	0.0	0	0.0	20.9
		4/27/2020	47.7	0.0	N/A	43.3	0.0	0.0	0.0	0.0	0	0.0	20.7
	12.5	7/24/2019	57.6	0.0	N/A	53.6	0.0	0.0	0.2	0.0	0	0.4	20.0
		10/21/2019	54.9	0.0	N/A	50.1	0.0	0.0	0.1	0.0	0	0.2	20.5
		1/28/2020	53.7	0.0	N/A	56.2	0.0	0.0	0.0	0.0	0	0.1	20.5
		4/27/2020	44.1	0.0	N/A	42.1	0.0	0.0	0.1	0.0	0	0.0	20.6
	31	7/24/2019	58.0	0.0	N/A	52.9	0.0	0.0	0.2	0.0	0	1.4	20.1
		10/21/2019	60.0	0.0	N/A	50.0	0.0	0.0	0.1	0.0	0	1.3	19.8
		1/28/2020	54.8	0.0	N/A	54.5	0.0	10.9	0.0	0.0	0	0.9	20.5
		4/27/2020	46.8	0.0	N/A	42.9	0.0	0.0	0.1	0.0	0	0.6	20.1
	40	7/24/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/21/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/28/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/27/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-6	5	7/22/2019	57.2	0.0	N/A	53.8	2.1	0.0	0.1	0.0	0	0.0	20.0
		10/25/2019	51.2	0.0	N/A	50.2	0.7	0.0	0.0	0.0	0	0.0	20.8
		1/23/2020	50.6	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0	0.2	20.6
		4/27/2020	50.7	0.0	N/A	50.3	0.0	0.0	0.2	0.0	0	0.0	20.9
	10	7/22/2019	52.9	1.1	N/A	52.9	0.5	0.0	0.2	0.0	0	0.7	20.0
		10/25/2019	52.3	0.0	N/A	52.9	0.0	0.0	0.0	0.0	0	0.3	20.6
		1/23/2020	50.5	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	0.2	20.9
		4/27/2020	50.6	0.0	N/A	50.1	0.0	0.0	0.1	0.0	0	0.2	20.9
	31.5	7/22/2019	58.6	0.2	N/A	55.8	0.4	19.5	0.7	0.0	0	1.7	19.0
		10/25/2019	53.4	0.3	N/A	53.4	0.0	1.3	0.0	0.0	0	2.0	19.3
		2/21/2020[8]	52.8	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	2.0	19.0
		4/27/2020	50.9	0.0	N/A	50.3	0.0	0.0	0.3	0.0	0	1.4	20.5
	39	7/22/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/25/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/23/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/27/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-7	5	7/23/2019	50.2	0.0	N/A	50.0	0.0	0.0	0.1	0.0	0	0.1	20.7
		10/24/2019	87.2	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	0.1	20.7
		1/27/2020	63.4	4.7	N/A	50.5	2.3	0.0	0.0	0.0	0	0.0	20.9
		4/27/2020	50.8	0.0	N/A	50.7	0.0	0.0	0.1	0.0	0	0.0	20.9
	13.5	7/23/2019	53.3	0.1	N/A	51.7	0.0	0.0	0.1	0.0	0	0.2	20.5
		10/24/2019	54.2	0.0	N/A	78.7	0.0	0.0	0.0	0.0	0	0.1	20.8
		1/27/2020	52.3	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.0	20.9
		4/27/2020	50.5	0.0	N/A	50.0	0.0	0.0	0.1	0.0	0	0.1	20.9
	29.5	7/23/2019	55.7	0.0	N/A	54.9	0.0	0.0	0.1	0.0	0	2.0	18.5
		10/24/2019	52.1	0.0	N/A	53.3	0.0	0.0	0.0	0.0	0	2.1	19.1
		1/27/2020	52.6	0.0	N/A	54.2	0.0	0.0	0.1	0.0	0	1.5	20.5
		1/27/2020	52.6	0.0	N/A	54.2	0.0	0.0	0.1	0.0	0	1.5	20.5
		4/27/2020	50.4	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.7	20.0
	38	7/23/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/24/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/27/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/27/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-8	5	7/22/2019	76.8	0.0	N/A	52.1	0.0	0.0	0.1	0.0	0	0.7	19.2
		10/18/2019	62.6	0.0	N/A	70.9	0.0	0.0	0.1	0.0	0	2.5	18.9
		1/22/2020	52.2	0.0	0.0	52.9	0.0	0.0	0.0	0.0	0	1.9	18.9
		4/22/2020	61.5	0.0	N/A	43.3	0.0	0.0	0.1	0.0	0	1.3	19.5
	9.5	7/22/2019	53.9	0.0	N/A	50.2	0.0	0.0	0.2	0.0	0	2.7	17.8
		10/18/2019	53.4	0.9	N/A	67.3	0.9	0.0	0.1	0.0	0	4.4	16.8
		1/22/2020	51.2	0.0	0.0	50.5	0.0	0.0	0.0	0.0	0	2.7	18.1
		4/22/2020	47.3	0.0	N/A	42.2	0.0	0.0	0.1	0.0	0	1.8	18.5
	23.5	7/22/2019	63.3	0.0	N/A	51.4	0.0	0.0	0.2	0.0	0	3.3	17.2
		10/18/2019	52.9	0.0	N/A	68.8	0.0	0.0	0.1	0.0	0	4.5	16.3
		1/22/2020	52.5	0.0	0.0	52.7	0.0	0.0	0.1	0.0	0	3.7	17.7
		4/22/2020	53.1	0.0	N/A	42.0	0.0	0.0	0.0	0.0	0	2.5	17.5
	35.5	7/22/2019	51.6	0.0	N/A	50.6	0.0	0.0	0.2	0.0	0	3.2	17.8
		10/18/2019	53.0	0.1	N/A	71.4	0.2	0.0	0.1	0.0	0	1.3	19.6
		1/22/2020	50.3	0.0	0.0	53.1	0.0	0.0	0.1	0.0	0	1.1	18.6
		4/22/2020	48.4	0.0	N/A	42.1	0.1	0.0	0.0	0.0	0	0.5	19.9

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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	7/19/2019	57.7	0.0	N/A	51.8	0.0	0.0	0.1	0.0	0	0.3	20.6
		10/25/2019	59.4	0.0	N/A	57.4	0.0	0.0	0.0	0.0	0	0.2	20.7
		1/22/2020	54.9	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.0	20.9
		4/22/2020	73.3	0.0	N/A	49.2	0.1	0.0	0.0	0.0	0	0.1	20.7
	11.5	7/19/2019	55.2	0.0	N/A	50.2	0.1	0.0	0.1	0.0	0	0.8	20.2
		10/25/2019	54.8	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	0.4	20.5
		1/22/2020	57.2	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	0.1	20.9
		4/22/2020	47.0	0.0	N/A	51.0	0.1	0.0	0.0	0.0	0	0.3	20.6
	25.5	7/19/2019	57.6	0.0	N/A	50.1	0.0	0.0	0.6	0.0	0	1.0	20.0
		10/25/2019	51.3	0.2	N/A	52.7	0.0	0.0	0.0	0.0	0	1.2	19.9
		1/22/2020	53.4	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	0.6	20.9
		4/22/2020	49.1	0.0	N/A	44.4	0.0	0.0	0.0	0.0	0	0.4	20.3
	38.5	7/19/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/25/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/22/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/22/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-10	5	7/26/2019	62.7	0.0	N/A	50.2	0.0	0.0	0.1	0.0	0	1.0	19.5
		10/25/2019	52.8	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	0.5	20.5
		1/24/2020	50.1	0.0	0.0	50.3	0.0	0.0	0.0	0.0	0	0.1	20.1
		4/23/2020	50.8	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	0.6	20.3
	10	7/26/2019	55.9	0.0	N/A	50.8	0.0	0.0	0.1	0.0	0	1.1	19.4
		10/25/2019	51.9	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	0.8	20.2
		1/24/2020	51.1	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	0.2	20.5
		4/23/2020	50.2	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	0.5	20.5
	20	7/26/2019	59.5	0.0	N/A	50.1	0.0	0.0	0.1	0.0	0	0.9	19.6
		10/25/2019	53.1	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	1.6	19.6
		1/24/2020	50.1	0.0	0.0	50.1	0.0	0.0	0.0	0.0	0	0.7	20.6
		4/23/2020	52.0	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	0.6	20.4
	30	7/26/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/25/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/24/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-11	5	7/31/2019	57.6	0.0	N/A	50.6	0.0	0.0	0.1	0.0	0	2.2	15.4
		10/25/2019	50.2	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.6	19.5
		1/29/2020	50.4	0.0	0.0	50.6	0.0	0.0	0.0	0.0	0	0.5	19.2
		4/27/2020	50.5	0.0	N/A	50.1	0.0	0.0	0.1	0.0	0	1.2	19.9
	8	7/31/2019	59.2	0.0	N/A	51.4	0.0	0.0	0.2	0.0	0	2.4	17.8
		10/25/2019	50.4	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	1.2	19.6
		1/29/2020	50.5	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	0.4	19.8
		4/27/2020	50.3	0.0	N/A	50.2	0.0	0.0	0.1	0.0	0	1.1	20.0
	29	7/31/2019	56.1	0.0	N/A	52.5	0.0	0.0	0.2	0.0	0	1.5	18.5
		10/25/2019	55.8	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	1.8	18.7
		1/29/2020	50.4	0.0	0.0	50.1	0.0	0.0	0.0	0.0	0	1.7	19.7
		4/27/2020	50.7	0.0	N/A	50.3	0.0	0.0	0.2	0.0	0	1.6	19.8
	38	7/31/2019	57.7	0.0	N/A	50.3	0.0	0.0	0.1	0.0	0	1.7	19.2
		10/25/2019	51.8	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	0.9	19.9
		1/29/2020	50.4	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0	0.4	19.9
		4/27/2020	50.9	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.9	20.3
VMP-12	5	7/24/2019	55.9	0.0	N/A	50.8	0.0	0.6	0.2	0.0	0	0.0	20.9
		10/22/2019	56.6	0.0	N/A	53.1	0.0	0.0	0.1	0.0	0	0.0	20.8
		1/29/2020	51.2	0.0	N/A	52.6	0.0	0.4	0.0	0.0	0	0.0	19.9
		4/29/2020	46.6	0.0	N/A	46.4	0.0	1.5	0.5	0.0	0	0.1	20.6
	11.5	7/24/2019	60.1	0.0	N/A	50.3	0.0	0.5	0.2	0.0	0	0.0	20.9
		10/22/2019	58.1	0.0	N/A	56.2	0.0	0.0	0.0	0.0	0	0.1	20.5
		1/29/2020	51.8	0.0	N/A	50.1	0.0	3.6	0.0	0.0	0	1.6	16.4
		4/29/2020	79.2	0.0	N/A	42.8	0.0	2.6	0.5	0.0	0	0.3	20.4
	25	7/24/2019	63.8	0.0	N/A	51.9	0.0	0.2	0.1	0.0	0	1.2	18.7
		10/22/2019	57.9	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	2.5	17.6
		1/29/2020	51.9	0.0	N/A	55.9	0.1	228	0.8	0.0	1	1.6	11.6
		1/29/2020	51.9	0.0	N/A	55.9	0.1	228	0.8	0.0	1	1.6	11.6
		4/29/2020	46.2	0.0	N/A	41.3	0.0	7.5	1.2	0.0	0	1.5	18.9
	39	7/24/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/29/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/29/2020[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-13	5	7/31/2019	53.4	0.0	N/A	50.3	0.0	0.0	0.1	0.0	0	0.9	19.4
		10/28/2019	50.5	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	0.6	20.4
		1/24/2020	50.5	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	0.2	18.8
		4/23/2020	42.1	0.0	N/A	45.1	0.0	0.0	0.0	0.0	0	0.2	20.3
	10.5	7/31/2019	59.4	0.0	N/A	50.6	0.0	2.9	0.1	0.0	0	0.5	19.8
		10/28/2019	52.1	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	0.9	20.2
		1/24/2020	51.0	0.0	0.0	50.6	0.0	0.0	0.0	0.0	0	0.3	20.6
		4/23/2020	44.7	0.0	N/A	48.6	0.0	0.0	0.0	0.0	0	0.2	20.6
	21.5	7/31/2019	54.4	0.0	N/A	50.2	0.0	0.0	0.2	0.0	0	0.1	20.1
		10/28/2019	52.0	0.0	N/A	52.8	0.0	4.4	0.0	0.0	0	0.6	20.3
		1/24/2020	50.4	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	0.5	20.5
		4/23/2020	43.5	0.0	N/A	45.9	0.0	0.0	0.0	0.0	0	0.3	20.7
	29.5	7/31/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/28/2019	50.6	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	1.0	20.1
		1/24/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020	41.6	0.0	N/A	42.7	0.0	0.0	0.0	0.0	0	0.2	20.7
VMP-14	5	7/30/2019	52.2	0.0	N/A	50.0	0.0	0.0	0.4	0.0	0	0.7	19.8
		10/28/2019	52.8	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	0.4	20.6
		1/28/2020	77.3	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	0.2	20.5
		4/23/2020	43.1	0.0	N/A	42.7	0.0	0.0	0.0	0.0	0	0.4	20.2
	11.5	7/30/2019	52.8	1.5	N/A	51.3	0.7	0.0	0.3	0.0	0	0.7	19.6
		10/28/2019	52.1	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	0.4	20.5
		1/28/2020	50.2	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	0.1	20.9
		4/23/2020	42.8	0.0	N/A	44.2	0.0	0.0	0.0	0.1	0	0.4	20.3
	20	7/30/2019	51.8	0.0	N/A	50.7	0.0	2.0	0.0	0.0	0	8.6	8.9
		10/28/2019	53.7	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	8.5	12.1
		1/28/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020	40.1	0.0	N/A	47.7	0.0	0.0	0.1	0.0	0	6.5	12.7
	29	7/30/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/28/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/28/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-15	5	7/30/2019	52.7	0.0	N/A	50.5	0.0	0.0	0.1	0.0	0	5.0	12.7
		10/22/2019	60.9	0.0	N/A	59.8	0.0	0.0	0.1	0.0	0	4.7	15.8
		1/28/2020	50.3	0.0	0.0	52.1	0.0	0.0	0.1	0.0	0	1.4	15.7
		4/28/2020	50.6	0.0	N/A	50.3	0.0	0.0	0.1	0.0	0	1.6	17.7
	21.5	7/30/2019	51.9	1.1	N/A	51.1	1.4	102000	12.5	8.6	OVR	10.0	0.4
		10/22/2019	52.7	1.3	N/A	51.7	1.1	93620	9.2	7.5	OVR	16.0	0.0
		1/28/2020	50.6	0.0	0.0	50.2	0.0	2970	0.3	0.2	5	12.0	2.1
		4/28/2020	50.5	0.0	N/A	50.2	0.0	9050	6.2	4.1	82	15.1	0.6
	25.5	7/30/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/28/2020	50.3	0.0	0.0	50.5	0.0	8620	10.9	0.6	13	18.6	1.8
		4/28/2020	50.7	0.0	N/A	50.1	0.0	46150	18.7	4.4	87	19.0	0.2
	29	7/30/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/28/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/28/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-16	5	7/24/2019	64.7	0.0	N/A	50.6	0.0	0.0	0.2	0.0	0	7.8	14.0
		10/22/2019	55.8	0.0	N/A	51.0	0.0	1221	52.1	0.3	5	3.4	17.1
		1/29/2020	55.7	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	5.9	9.8
		1/29/2020	55.7	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	5.9	9.8
		4/29/2020	41.6	0.0	N/A	41.2	0.0	2.9	0.6	0.0	0	4.3	17.3
	13.5	7/24/2019	57.8	0.0	N/A	50.9	0.0	40100	996	24.8	OVR	22.1	0.9
		10/22/2019	60.3	0.0	N/A	52.2	0.0	20950	892	8.6	OVR	17.2	1.3
		1/29/2020	52.3	0.9	N/A	50.2	0.8	86390	662	28.3	OVR	15.6	0.3
		4/29/2020	44.2	0.0	N/A	43.0	0.0	20350	661	6.1	OVR	15.8	0.3
	19	7/24/2019	62.8	0.2	N/A	50.4	0.3	46670	895	26.1	OVR	22.1	1.1
		10/22/2019	57.1	0.0	N/A	50.7	0.0	83670	1042	43.9	OVR	17.3	1.0
		1/29/2020	50.6	1.8	N/A	53.2	1.8	108000	849	45.4	OVR	16.1	0.0
		4/29/2020	43.0	0.9	N/A	44.0	0.6	77630	923	30.1	OVR	18.1	0.3
	31	7/24/2019	64.1	0.7	N/A	50.6	0.8	63280	742	34.4	OVR	24.6	0.6
		10/22/2019	50.2	0.0	N/A	50.1	0.0	97520	889	47.5	OVR	17.5	0.7
		1/29/2020	50.8	2.1	N/A	50.1	1.6	129000	772	55.5	OVR	16.1	0.0
		4/29/2020	51.1	1.1	N/A	42.0	0.8	92590	936	42.1	OVR	14.7	0.0
VMP-17	5	7/31/2019	55.2	0.0	N/A	51.0	0.0	0.0	0.2	0.0	0	1.5	19.4
		10/21/2019	53.1	0.0	N/A	60.1	0.0	0.0	0.1	0.0	0	0.5	20.9
		1/22/2020	50.3	0.0	0.0	50.5	0.0	0.0	0.0	0.0	0	0.1	19.7
		4/28/2020	50.4	0.0	N/A	50.3	0.0	0.0	0.1	0.0	0	0.5	20.5
VMP-18	8.5	7/26/2019	64.8	0.0	N/A	50.3	0.0	0.0	0.3	0.0	0	3.9	16.8
		10/23/2019	63.0	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	3.9	17.1
		1/24/2020	50.3	0.0	0.0	50.4	0.0	0.0	0.0	0.0	0	2.1	19.3
		4/29/2020	41.6	0.0	N/A	43.1	0.0	0.0	0.5	0.0	0	1.8	18.5

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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-19	5	7/31/2019	55.8	0.0	N/A	51.3	0.0	1.8	0.2	0.0	0	0.9	19.6
		11/15/2019[13]	69.3	0.0	N/A	50.2	0.2	0.0	0.0	0.0	0	0.2	20.7
		2/21/2020[13]	55.2	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	0.1	20.9
		4/30/2020	68.9	0.0	N/A	40.4	0.0	0.0	0.2	0.0	0	0.4	20.3
VMP-20	5	7/22/2019	63.3	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	9.1	10.4
		10/23/2019	52.9	0.0	N/A	63.2	0.0	0.0	0.0	0.0	0	8.2	14.7
		2/21/2020[13]	50.9	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	4.1	17.7
		4/24/2020	51.2	0.0	N/A	50.8	0.0	0.0	0.1	0.0	0	4.4	18.0
	10	7/22/2019	55.2	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	18.2	8.0
		10/23/2019	56.1	0.0	N/A	68.1	0.0	0.0	0.0	0.0	0	11.5	20.9
		1/24/2020	50.4	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	6.2	15.5
		4/24/2020	50.7	0.0	N/A	50.0	0.0	0.0	0.1	0.0	0	5.5	16.8
	25	7/26/2019[7]	54.0	0.0	N/A	52.7	0.0	0.0	0.1	0.0	0	4.3	16.0
		10/23/2019	54.6	0.0	N/A	52.1	0.0	0.0	0.0	0.0	0	6.5	13.9
		1/24/2020	50.2	0.0	0.0	50.6	0.0	0.0	0.0	0.0	0	5.5	16.0
		4/24/2020	50.3	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	4.5	17.7
	39.5	7/22/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/23/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/24/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/24/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-21	5	7/29/2019	52.9	0.0	N/A	52.0	0.0	0.0	0.1	0.0	0	3.7	17.0
		10/23/2019	58.4	0.0	N/A	56.0	0.0	0.0	0.0	0.0	0	2.1	19.4
		1/22/2020	51.2	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	0.9	19.9
		4/23/2020	50.0	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	1.8	19.3
	10	7/29/2019	53.9	0.0	N/A	53.1	0.0	0.0	0.1	0.0	0	4.1	16.2
		10/23/2019	57.7	0.0	N/A	54.3	0.0	0.0	0.0	0.0	0	4.7	16.7
		1/22/2020	50.8	0.0	0.0	50.1	0.0	0.0	0.0	0.0	0	2.6	19.1
		4/23/2020	50.6	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	3.0	18.2
	25	7/29/2019	53.1	0.1	N/A	50.9	0.0	0.0	0.3	0.0	0	2.4	17.3
		10/23/2019	58.7	0.0	N/A	58.1	0.0	0.0	0.0	0.0	0	4.6	16.5
		1/22/2020	50.5	0.0	0.0	50.3	0.0	0.0	0.0	0.0	0	3.5	18.2
		4/23/2020	50.4	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	2.7	18.6
	33	7/29/2019	53.0	0.0	N/A	51.6	0.0	0.0	0.2	0.0	0	2.2	17.5
		10/23/2019	59.3	0.0	N/A	57.0	0.0	0.0	0.0	0.0	0	4.0	16.2
		1/22/2020	50.8	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0	4.0	18.0
		4/23/2020	52.0	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	3.4	18.2
VMP-22	5	7/24/2019	60.4	0.0	N/A	58.3	0.0	0.0	0.2	0.0	0	0.9	20.8
		10/23/2019	77.0	0.0	N/A	51.7	0.0	0.0	0.0	0.0	0	0.6	20.3
		1/23/2020	58.1	0.0	N/A	53.1	0.0	0.0	0.0	0.0	0	0.0	20.5
		4/28/2020	45.0	0.0	N/A	41.6	0.0	0.0	0.0	0.0	0	0.3	20.2
	10	7/24/2019	60.1	0.0	N/A	52.2	0.2	0.2	0.2	0.0	0	0.8	20.8
		10/23/2019	53.2	0.0	N/A	50.9	0.1	0.0	0.0	0.0	0	0.4	20.4
		1/23/2020	59.9	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	0.0	20.5
		4/28/2020	42.4	0.9	N/A	40.1	2.3	0.0	0.0	0.0	0	0.2	20.0
	18	7/24/2019	54.9	0.0	N/A	53.3	0.0	0.0	0.2	0.0	0	1.2	20.5
		10/23/2019	52.3	0.2	N/A	50.3	0.2	0.0	0.0	0.0	0	1.3	19.8
		1/23/2020	60.0	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	0.1	20.4
		4/28/2020	41.5	0.3	N/A	40.2	0.7	0.0	0.0	0.0	0	0.4	20.0
	38	7/24/2019	57.6	0.1	N/A	50.6	0.8	0.0	0.2	0.0	0	0.6	19.7
		10/23/2019	54.4	0.7	N/A	50.9	0.9	0.0	0.0	0.0	0	0.7	20.2
		1/23/2020	56.5	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	0.0	20.6
		4/28/2020	40.6	0.6	N/A	40.5	1.8	0.0	0.0	0.0	0	0.3	20.1
VMP-23	5	7/24/2019	59.0	0.0	N/A	52.1	0.0	0.0	0.1	0.0	0	1.6	18.8
		10/24/2019	58.0	0.0	N/A	56.1	0.0	0.0	0.1	0.0	0	0.7	20.4
		1/28/2020	59.4	0.0	N/A	50.6	0.0	0.0	0.1	0.0	0	0.2	20.6
		4/28/2020	46.0	0.0	N/A	49.3	0.0	0.0	0.0	0.0	0	0.8	19.7
	10	7/24/2019	58.8	0.0	N/A	50.6	0.0	0.2	0.3	0.0	0	1.2	19.3
		10/24/2019	60.9	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.8	20.3
		1/28/2020	62.3	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	0.3	20.4
		4/28/2020	43.3	0.0	N/A	46.2	0.0	0.0	0.0	0.0	0	0.4	20.2
	25	7/24/2019	57.1	0.0	N/A	51.3	0.0	0.0	0.2	0.0	0	1.7	18.6
		10/24/2019	53.5	0.0	N/A	53.3	0.0	0.0	0.1	0.0	0	2.8	18.6
		1/28/2020	65.1	0.0	N/A	55.0	0.0	0.0	0.1	0.0	0	1.7	19.8
		4/28/2020	49.3	0.0	N/A	43.5	0.0	0.0	0.0	0.0	0	1.0	19.7
	40	7/24/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/24/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/28/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/28/2020[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-24	5	8/1/2019[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/2019	53.2	0.1	N/A	50.1	0.1	0.0	0.0	0.0	0	0.6	20.3
		1/23/2020	52.7	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	1.7	20.2
		4/22/2020	50.0	0.0	N/A	50.2	0.0	0.0	0.1	0.0	0	0.3	20.9
	10	8/1/2019[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/2019	57.9	0.0	N/A	75.6	0.1	0.0	0.0	0.0	0	3.2	17.9
		1/23/2020	50.3	0.0	0.0	50.5	0.0	0.0	0.0	0.0	0	3.3	18.3
		4/22/2020	50.9	0.0	N/A	52.2	0.0	0.0	0.1	0.0	0	1.6	19.9
	22	8/1/2019[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/2019	54.1	1.5	N/A	66.8	0.3	0.0	0.0	0.0	0	1.2	19.7
		1/23/2020	50.6	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	2.2	19.1
		4/22/2020	51.1	0.0	N/A	50.5	0.0	0.0	0.1	0.0	0	0.8	20.9
	34	8/1/2019[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/2019	53.3	0.0	N/A	69.1	0.0	0.0	0.0	0.0	0	2.7	18.3
		1/23/2020	50.1	0.0	0.0	50.4	0.0	0.0	0.0	0.0	0	2.5	19.4
		4/22/2020	50.7	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	1.0	20.8
VMP-25	5	7/25/2019	54.4	0.0	N/A	53.9	0.0	669	0.5	0.1	2	8.3	1.7
		10/28/2019	51.5	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	5.9	9.2
		1/28/2020	54.7	0.0	N/A	53.4	0.0	152	0.3	0.0	0	4.0	3.6
		4/23/2020	53.2	0.0	N/A	53.4	0.0	5090	0.4	0.6	13	5.9	0.8
	9.5	7/25/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/28/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/28/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	21	7/25/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/28/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/28/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	31	7/25/2019[10]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/28/2019[10]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/28/2020[10]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020[10]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-29	10	7/31/2019	57.0	0.0	N/A	50.9	0.0	0.0	0.1	0.0	0	0.5	19.8
		10/25/2019	50.0	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.7	20.3
		1/24/2020	58.0	0.0	N/A	56.3	0.0	0.0	0.0	0.0	0	0.1	20.9
		4/23/2020	48.1	0.0	N/A	43.3	0.0	0.0	0.1	0.0	0	0.3	20.5
	18	7/31/2019	53.8	0.0	N/A	50.9	0.0	0.0	0.3	0.0	0	0.5	19.7
		10/25/2019	51.6	0.0	N/A	53.8	0.0	0.0	0.2	0.0	0	1.1	20.0
		1/24/2020	53.2	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.4	20.9
		4/23/2020	56.5	0.0	N/A	42.9	0.0	0.0	0.0	0.0	0	0.4	20.5
	26	7/31/2019	58.6	0.0	N/A	51.1	0.0	0.8	0.6	0.0	0	0.5	19.5
		10/25/2019	51.1	0.0	N/A	51.0	0.0	0.0	0.1	0.0	0	1.4	19.8
		1/24/2020	55.8	0.0	N/A	51.2	0.0	42.5	0.0	0.0	0	1.4	19.4
		4/23/2020	48.7	0.0	N/A	40.2	0.0	0.0	0.0	0.0	0	0.6	20.3
	40	7/31/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/25/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/24/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-30	10	7/31/2019	56.4	0.0	N/A	51.3	0.0	0.0	0.1	0.0	0	0.0	20.9
		10/25/2019	51.9	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.1	20.8
		1/24/2020	60.1	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	0.0	20.9
		4/23/2020	43.1	0.0	N/A	40.0	0.0	0.0	0.0	0.0	0	0.0	20.9
	18	7/31/2019	55.4	0.0	N/A	50.1	0.0	0.0	0.2	0.0	0	0.0	20.6
		10/25/2019	52.8	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	0.4	20.6
		1/24/2020	53.9	0.0	N/A	52.0	0.0	0.4	0.0	0.0	0	0.1	20.9
		4/23/2020	43.0	0.0	N/A	40.4	0.0	0.0	0.0	0.0	0	0.1	20.7
	26	7/31/2019	52.7	0.0	N/A	50.7	0.2	1.0	0.3	0.0	0	0.0	20.2
		10/25/2019	50.1	0.0	N/A	50.2	0.0	0.0	0.4	0.0	0	0.4	20.5
		1/24/2020	56.6	0.0	N/A	50.3	0.0	3.8	0.0	0.0	0	0.4	20.7
		4/23/2020	41.0	0.0	N/A	40.6	0.0	5.2	0.1	0.0	0	0.3	20.7
	40	7/31/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/25/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/24/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020[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-32	5	7/23/2019	67.9	0.0	N/A	50.7	0.0	0.0	0.1	0.0	0	1.8	18.0
		10/24/2019	57.1	0.0	N/A	52.0	0.0	0.0	0.0	0.0	0	1.6	19.5
		1/28/2020	50.3	0.0	0.0	50.6	0.0	0.0	0.0	0.0	0	1.2	18.7
		4/29/2020	50.7	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	1.0	20.1
	10	7/23/2019	61.8	0.0	N/A	51.4	0.1	0.0	0.1	0.0	0	1.8	18.2
		10/24/2019	53.5	0.0	N/A	53.1	0.0	0.0	0.0	0.0	0	2.2	19.2
		1/28/2020	50.1	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	1.4	19.1
		4/29/2020	50.3	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.3	20.1
	20	7/23/2019	54.3	0.0	N/A	51.0	0.1	0.0	0.2	0.0	0	0.4	19.3
		10/24/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/28/2020	51.1	0.0	0.0	50.6	0.0	0.0	0.0	0.0	0	0.3	19.8
		4/29/2020	50.5	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	0.1	20.9
	30	7/23/2019	61.5	0.0	N/A	50.7	0.1	0.0	0.2	0.0	0	1.6	17.2
		10/24/2019	53.8	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	0.2	20.8
		1/28/2020	50.7	0.0	0.0	50.3	0.0	0.0	0.0	0.0	0	1.0	19.3
		4/29/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-41	10	7/26/2019	60.5	0.0	N/A	50.7	0.0	0.0	0.1	0.0	0	2.1	19.3
		10/28/2019	52.9	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	1.0	20.2
		1/24/2020	57.9	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	0.2	20.9
		4/23/2020	53.1	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.5	20.5
	20	7/26/2019	53.5	0.0	N/A	50.6	0.0	0.0	0.1	0.0	0	1.9	19.0
		10/28/2019	52.3	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	1.6	19.6
		1/24/2020	52.6	0.0	N/A	51.0	0.0	0.0	0.0	0.0	0	0.5	20.7
		4/23/2020	51.6	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	0.6	20.4
	26	7/26/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/28/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/24/2020	55.9	0.0	N/A	53.3	0.0	0.0	0.0	0.0	0	0.8	20.4
		4/23/2020	50.4	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	0.6	20.5
VMP-42	10	7/23/2019	50.8	0.0	N/A	50.4	0.1	0.0	0.1	0.0	0	1.4	19.6
		10/21/2019	75.6	0.0	N/A	81.2	0.0	0.0	0.1	0.0	0	1.4	20.0
		1/27/2020	50.1	0.0	0.0	50.4	0.0	0.0	0.1	0.0	0	0.6	20.9
		4/29/2020	50.9	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	0.7	20.5
	20	7/23/2019	54.2	0.0	N/A	51.7	0.1	0.0	0.1	0.0	0	2.1	17.7
		10/21/2019	54.0	0.0	N/A	64.0	0.0	0.0	0.1	0.0	0	3.5	18.1
		1/27/2020	50.7	0.0	0.0	50.4	0.0	0.0	0.1	0.0	0	1.6	19.8
		4/29/2020	50.8	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	1.4	20.1
	30	7/23/2019	52.9	0.1	N/A	50.9	0.0	0.0	0.1	0.0	0	1.3	18.6
		10/21/2019	53.4	0.0	N/A	50.5	0.0	0.0	0.1	0.0	0	3.4	17.9
		1/27/2020	50.8	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	2.9	19.7
		4/29/2020	50.5	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	2.3	19.9
VMP-43	10	8/1/2019	54.4	0.0	N/A	50.4	0.0	0.0	0.1	0.0	0	0.1	20.6
		10/21/2019	58.3	0.0	N/A	52.1	0.0	0.0	0.1	0.0	0	0.1	20.8
		1/27/2020	50.7	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	0.1	20.9
		4/30/2020	50.5	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	0.2	20.9
	20	8/1/2019	61.9	0.0	N/A	54.8	0.0	0.0	0.1	0.0	0	0.4	20.4
		10/21/2019	53.4	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	0.2	20.8
		1/27/2020	50.7	0.0	N/A	51.7	0.0	0.0	0.1	0.0	0	0.2	20.6
		4/30/2020	50.6	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.4	20.9
	30	8/1/2019	52.0	0.0	N/A	50.1	0.0	0.0	0.1	0.0	0	0.5	20.2
		10/21/2019	59.7	0.0	N/A	54.4	0.0	0.0	0.0	0.0	0	0.4	20.7
		1/27/2020	56.2	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	1.1	19.8
		4/30/2020	50.7	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	0.4	20.9
VMP-44	10	7/23/2019	50.2	0.0	N/A	50.1	0.0	1.0	0.3	0.0	0	1.4	19.0
		10/24/2019	65.8	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	0.9	19.6
		1/27/2020	54.6	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	1.3	16.9
		4/30/2020	40.8	0.1	N/A	40.3	0.1	1.2	0.2	0.0	0	0.4	20.3
	20	7/23/2019	55.5	0.1	N/A	53.4	0.2	0.4	0.2	0.0	0	1.1	19.2
		10/24/2019	53.5	0.2	N/A	50.5	0.4	0.0	0.0	0.0	0	0.7	19.9
		1/27/2020	55.9	0.0	N/A	53.4	0.0	0.0	0.0	0.0	0	0.9	17.3
		4/30/2020	41.1	0.0	N/A	40.1	0.1	0.6	0.1	0.0	0	0.4	20.1
	30	7/23/2019	54.2	0.4	N/A	52.6	0.2	0.5	0.1	0.0	0	1.2	18.8
		10/24/2019	55.4	0.6	N/A	51.5	0.9	0.0	0.0	0.0	0	0.6	20.0
		1/27/2020	52.4	0.0	N/A	54.6	0.0	0.0	0.0	0.0	0	0.8	17.4
		4/30/2020	43.2	0.3	N/A	44.6	1.7	1.1	0.1	0.0	0	0.0	20.4

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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-45	10	8/1/2019	59.8	0.0	N/A	50.7	0.0	0.0	0.2	0.0	0	0.3	20.5
		11/15/2019[13]	62.2	0.0	N/A	53.1	0.0	0.0	0.0	0.0	0	0.1	20.8
		1/27/2020	68.9	0.0	N/A	52.6	0.0	0.0	0.0	0.0	0	0.0	20.9
		4/27/2020	47.9	0.0	N/A	42.2	0.1	0.0	0.0	0.0	0	0.1	20.7
	20	8/1/2019	58.1	0.0	N/A	52.1	0.0	0.0	0.2	0.0	0	0.5	20.3
		10/24/2019	53.0	0.1	N/A	50.4	0.0	0.0	0.0	0.0	0	0.2	20.5
		1/27/2020	56.2	0.0	N/A	55.3	0.0	0.0	0.0	0.0	0	0.1	20.9
		4/27/2020	47.6	0.0	N/A	46.4	0.0	0.0	0.0	0.0	0	0.1	20.8
	30	8/1/2019	57.0	0.0	N/A	53.1	0.7	0.0	0.3	0.0	0	0.1	20.7
		10/24/2019	57.8	0.0	N/A	52.7	0.0	0.0	0.0	0.0	0	1.4	19.8
		1/27/2020	52.6	0.0	N/A	50.4	0.0	7.0	0.1	0.0	0	1.3	20.1
		4/27/2020	49.5	0.3	N/A	59.2	0.4	0.0	0.2	0.0	0	0.2	20.5
VMP-47	5	7/26/2019	59.3	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.4	20.0
		10/23/2019	59.3	0.0	N/A	55.5	0.0	0.0	0.0	0.0	0	0.1	20.7
		1/29/2020	51.2	0.0	0.0	50.6	0.0	0.0	0.0	0.0	0	0.3	20.9
		4/28/2020	50.6	0.0	N/A	50.1	0.0	0.0	0.2	0.0	0	0.1	20.9
	10	7/26/2019	59.7	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.5	20.1
		10/23/2019	57.8	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	0.4	20.6
		1/29/2020	50.4	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	0.5	20.4
		4/28/2020	50.7	0.0	N/A	50.2	0.0	0.2	0.0	0.0	0	0.1	20.9
	20	7/26/2019	56.0	0.0	N/A	54.6	0.0	0.0	0.0	0.0	0	0.2	20.2
		10/23/2019	56.7	0.0	N/A	51.0	0.0	0.0	0.0	0.0	0	0.4	20.6
		1/29/2020	50.7	0.0	0.0	50.1	0.0	0.0	0.0	0.0	0	0.7	20.3
		4/28/2020	50.5	0.0	N/A	50.1	0.0	0.0	0.1	0.0	0	0.2	20.9
	30	7/26/2019	59.7	0.0	N/A	54.7	0.0	0.0	0.0	0.0	0	0.9	19.4
		10/23/2019	54.2	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	1.3	19.6
		1/29/2020	50.8	0.0	0.0	50.3	0.0	0.0	0.0	0.0	0	1.6	19.5
		4/28/2020	50.8	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.4	20.9
VMP-48	5	7/26/2019	55.3	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	5.8	14.1
		10/21/2019	71.2	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	2.8	18.4
		1/29/2020	50.4	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	1.4	18.4
		4/24/2020	50.5	0.0	N/A	50.2	0.0	10.2	0.2	0.0	0	1.4	18.0
	10	7/26/2019	57.5	0.0	N/A	52.9	0.0	0.0	0.0	0.0	0	4.2	15.8
		10/21/2019	51.9	0.0	N/A	73.0	0.0	0.0	0.0	0.0	0	5.4	15.3
		1/29/2020	50.8	0.0	0.0	50.7	0.0	0.0	0.0	0.0	0	3.7	17.5
		4/24/2020	50.9	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	2.5	19.3
	20	7/26/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/21/2019	51.9	0.0	N/A	54.1	0.0	0.0	0.0	0.0	0	5.2	14.6
		1/29/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/24/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	30	7/26/2019	69.8	0.0	N/A	55.6	0.0	0.0	0.0	0.0	0	5.6	16.2
		10/21/2019	56.4	0.0	N/A	65.6	0.0	0.0	0.0	0.0	0	4.6	16.0
		1/29/2020	50.1	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	6.2	15.4
		4/24/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-49	5	7/29/2019	59.2	0.0	N/A	52.1	0.0	0.0	0.2	0.0	0	0.9	20.1
		10/18/2019	53.1	0.0	N/A	51.0	0.0	0.0	0.0	0.0	0	0.6	19.8
		1/22/2020	52.7	0.0	N/A	52.1	0.0	0.0	0.1	0.0	0	1.6	19.3
		4/23/2020	50.4	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.6	20.5
	10	7/29/2019	53.3	0.1	N/A	50.7	0.0	0.0	0.2	0.0	0	2.1	18.4
		10/18/2019	65.7	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.9	19.5
		1/22/2020	58.0	0.0	N/A	50.3	0.0	0.0	0.1	0.0	0	0.3	20.6
		4/23/2020	50.6	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.8	20.2
	20	7/29/2019	52.8	1.2	N/A	51.1	0.4	0.0	0.2	0.0	0	2.5	17.9
		10/18/2019	51.9	0.0	N/A	58.0	0.1	0.0	0.1	0.0	0	0.6	19.8
		1/22/2020	56.8	0.0	N/A	50.7	0.0	0.0	0.1	0.0	0	0.2	20.6
		4/23/2020	50.8	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	0.7	20.2
	30	7/29/2019	52.7	0.0	N/A	50.5	0.0	0.0	0.2	0.0	0	0.8	19.8
		10/18/2019	57.8	0.0	N/A	54.8	0.0	0.0	0.1	0.0	0	3.3	15.5
		1/22/2020	59.9	0.0	N/A	54.3	0.0	0.0	0.1	0.0	0	4.5	13.8
		4/23/2020	50.8	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.6	20.6

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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-50	5	7/30/2019	63.4	0.0	N/A	50.5	0.0	0.0	0.2	0.0	0	1.3	18.9
		10/23/2019	67.6	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.4	20.5
		1/28/2020	50.7	0.0	0.0	50.1	0.0	0.0	0.0	0.0	0	0.1	19.9
		4/28/2020	50.0	0.0	N/A	41.6	0.0	0.0	0.0	0.0	0	0.2	20.4
	10	7/30/2019	62.7	0.0	N/A	52.2	0.0	0.0	0.2	0.0	0	1.9	18.5
		10/23/2019	55.5	0.0	N/A	60.1	0.0	0.0	0.0	0.0	0	0.8	19.8
		1/28/2020	50.4	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	0.4	19.8
		4/28/2020	42.0	0.0	N/A	43.6	0.0	0.0	0.0	0.0	0	0.4	20.3
	20	7/30/2019	53.1	0.0	N/A	50.7	0.0	0.0	0.2	0.0	0	1.8	18.1
		10/23/2019	58.1	0.0	N/A	55.6	0.0	0.0	0.0	0.0	0	1.1	19.9
		1/28/2020	50.1	0.0	0.0	50.4	0.0	0.0	0.0	0.0	0	2.3	18.7
		4/28/2020	42.4	0.0	N/A	42.2	0.0	0.0	0.0	0.0	0	0.5	20.2
	30	7/30/2019	62.7	0.0	N/A	50.4	0.0	179	33.3	0.2	4	1.6	18.3
		10/23/2019	53.8	0.0	N/A	50.2	0.0	210	44.7	0.0	1	2.2	18.6
		1/28/2020	50.9	0.0	0.0	50.3	0.0	72.6	12.7	0.0	1	1.9	18.6
		4/28/2020	42.3	0.0	N/A	49.9	0.0	31.6	6.8	0.1	1	1.3	19.5
VMP-51	5	7/24/2019	57.7	0.0	N/A	55.4	0.0	0.0	0.2	0.0	0	0.7	19.7
		10/25/2019	62.6	0.0	N/A	51.0	0.0	0.0	0.0	0.0	0	0.6	20.5
		1/28/2020	50.6	0.0	0.0	50.3	0.0	0.0	0.0	0.0	0	0.4	19.6
		4/27/2020	40.5	0.0	N/A	44.8	0.0	0.0	0.1	0.0	0	0.6	20.1
	10	7/24/2019	58.4	0.0	N/A	54.9	0.0	0.0	0.2	0.0	0	1.5	18.5
		10/25/2019	54.0	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	1.1	20.0
		1/28/2020	50.4	0.0	0.0	50.7	0.0	0.0	0.0	0.0	0	0.3	20.2
		4/27/2020	41.3	0.0	N/A	48.7	0.0	0.0	0.2	0.0	0	0.8	19.7
	20	7/24/2019	58.1	0.0	N/A	56.0	0.0	0.0	0.3	0.0	0	1.8	18.4
		10/25/2019	66.8	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	2.7	18.7
		2/21/2020[13]	50.1	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	1.2	19.6
		4/27/2020	40.7	0.0	N/A	42.6	0.0	0.0	0.2	0.0	0	0.9	19.9
	30	7/24/2019	57.7	0.0	N/A	55.5	0.0	0.0	0.2	0.0	0	1.8	18.5
		10/25/2019	54.1	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	2.9	18.4
		1/28/2020	50.5	0.0	0.0	50.6	0.0	0.0	0.0	0.0	0	1.9	19.7
		4/27/2020	41.0	0.0	0.0	40.1	0.0	0.0	0.4	0.0	0	1.3	19.6
VMP-52	5	7/26/2019	54.1	0.0	N/A	55.2	0.0	0.0	0.0	0.0	0	3.8	15.9
		10/22/2019	55.4	0.0	N/A	50.2	0.0	0.0	0.1	0.0	0	2.7	18.7
		1/23/2020	51.1	0.0	0.0	50.3	0.0	0.0	0.0	0.0	0	0.6	20.4
		4/27/2020	83.4	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	1.2	19.0
	10	7/26/2019	52.9	0.0	N/A	56.1	0.0	0.0	0.0	0.0	0	3.5	15.2
		10/22/2019	51.8	0.0	N/A	52.4	0.0	0.0	0.1	0.0	0	5.7	16.8
		1/23/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/27/2020	43.7	0.0	N/A	45.7	0.0	0.0	0.2	0.0	0	1.7	18.4
	20	7/22/2019	54.2	0.0	N/A	51.5	0.0	0.0	0.1	0.0	0	2.0	18.8
		10/22/2019	52.1	0.0	N/A	50.1	0.0	0.0	0.1	0.0	0	2.4	18.8
		1/23/2020	50.0	0.0	0.0	50.3	0.0	0.0	0.0	0.0	0	1.6	20.2
		4/27/2020	47.0	0.0	N/A	43.9	0.0	0.0	0.2	0.0	0	1.0	19.8
	30	7/22/2019	54.9	0.0	N/A	52.3	0.0	0.0	0.1	0.0	0	1.7	19.0
		10/22/2019	50.2	0.0	N/A	50.1	0.0	0.0	0.1	0.0	0	2.5	18.9
		1/23/2020	51.8	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0	1.8	20.1
		4/27/2020	44.7	0.0	N/A	42.7	0.0	0.0	0.2	0.0	0	1.4	19.6
VMP-53	5	7/19/2019	58.5	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	1.8	19.2
		10/18/2019	67.7	0.0	N/A	62.1	0.0	0.0	0.0	0.0	0	1.0	20.0
		1/22/2020	58.3	0.1	N/A	53.3	0.0	0.0	0.0	0.0	0	0.2	20.9
		4/22/2020	58.8	0.0	N/A	42.3	0.0	0.0	0.0	0.0	0	0.5	20.3
	10	7/19/2019	59.4	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	1.4	18.2
		10/18/2019	52.1	0.0	N/A	56.3	0.0	0.0	0.1	0.0	0	1.0	20.1
		1/22/2020	61.8	0.0	N/A	56.2	0.0	0.0	0.0	0.0	0	0.2	20.6
		4/22/2020	58.0	0.0	N/A	41.3	0.0	0.0	0.0	0.0	0	0.3	20.4
	20	7/19/2019	60.1	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	1.6	19.1
		10/18/2019	51.0	0.0	N/A	71.9	0.0	0.0	0.1	0.0	0	2.0	19.2
		1/22/2020	55.9	0.0	N/A	53.5	0.0	0.0	0.0	0.0	0	1.3	19.9
		4/22/2020	51.1	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.6	20.0
	30	7/19/2019	63.1	0.0	N/A	55.7	0.0	0.0	0.0	0.0	0	1.6	19.2
		10/18/2019	51.7	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	3.4	17.6
		1/22/2020	57.6	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	2.8	19.0
		4/22/2020	51.2	0.0	N/A	40.2	0.0	0.0	0.0	0.0	0	1.9	18.8

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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-54	5	7/22/2019	52.0	0.0	N/A	50.9	0.0	0.0	0.1	0.0	0	3.3	16.8
		10/22/2019	56.8	0.0	N/A	55.9	0.0	0.0	0.0	0.0	0	3.2	17.5
		1/22/2020	50.4	0.0	0.0	50.6	0.0	0.0	0.0	0.0	0	1.4	19.8
		5/21/2020[13]	57.3	0.0	N/A	44.8	0.0	0.0	0.0	0.0	0	2.7	17.5
	10	7/22/2019	52.7	0.0	N/A	50.2	0.0	0.0	0.1	0.0	0	2.5	17.4
		10/22/2019	58.8	0.0	N/A	51.5	0.0	0.0	0.1	0.0	0	3.0	17.3
		3/12/2020[13]	58.3	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	2.1	18.2
		4/27/2020	50.7	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	2.2	18.3
	20	7/22/2019	51.3	0.0	N/A	50.0	0.1	0.0	0.1	0.0	0	2.0	17.5
		10/22/2019	57.0	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	2.9	16.4
		1/22/2020	51.2	0.0	0.0	51.2	0.0	0.0	0.0	0.0	0	2.5	17.6
		4/27/2020	50.7	0.0	N/A	50.2	0.0	0.0	0.1	0.0	0	2.3	17.7
	30	7/22/2019	50.7	0.5	N/A	50.3	1.2	0.0	0.1	0.0	0	2.0	17.2
		10/22/2019	55.1	0.0	N/A	52.8	0.2	0.0	0.0	0.0	0	1.6	18.7
		1/22/2020	50.4	0.0	0.0	50.4	0.0	0.0	0.0	0.0	0	0.6	20.0
		4/27/2020	50.1	0.0	N/A	50.2	0.0	0.0	0.2	0.0	0	1.0	18.3
VMP-55	5	7/30/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/28/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/28/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10	7/30/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/28/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/28/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	20	7/30/2019	56.9	0.0	N/A	52.4	0.0	6320	40.3	0.6	12	19.3	2.0
		10/22/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/28/2020	50.4	0.0	0.0	50.1	0.0	74830	178	9.0	OVR	18.2	1.6
		4/28/2020	50.9	0.0	N/A	50.2	0.0	1260	18.5	0.1	2	20.3	1.0
	30	7/30/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/28/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/28/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-56	10	7/23/2019	52.1	0.0	N/A	51.9	0.0	0.0	0.1	0.0	0	0.4	19.7
		10/21/2019	55.8	0.0	N/A	53.9	0.0	0.0	0.1	0.0	0	0.2	20.7
		1/22/2020	53.3	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	0.2	20.6
		4/24/2020	51.9	0.0	N/A	44.2	0.1	0.0	0.1	0.0	0	0.2	20.7
	25	7/23/2019	65.6	0.0	N/A	59.8	0.0	0.0	0.3	0.0	0	1.1	19.4
		10/21/2019	57.4	0.0	N/A	51.8	0.0	0.0	0.1	0.0	0	0.3	20.6
		1/22/2020	61.1	0.0	N/A	56.2	0.0	0.0	0.0	0.0	0	0.6	20.4
		4/24/2020	48.6	0.1	N/A	40.2	0.0	0.0	0.0	0.0	0	0.5	20.4
	38.5	7/23/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/21/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/22/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/24/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-62	5	7/29/2019	58.9	0.0	N/A	51.2	0.0	0.0	0.2	0.0	0	4.2	16.6
		10/23/2019	59.3	0.0	N/A	58.6	0.0	0.0	0.0	0.0	0	1.8	19.6
		1/29/2020	50.5	0.0	0.0	51.1	0.0	0.0	0.0	0.0	0	0.7	18.7
		4/28/2020	50.6	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	1.1	20.0
	10	7/29/2019	54.0	0.0	N/A	50.7	0.0	0.0	0.2	0.0	0	3.8	17.3
		10/23/2019	51.9	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	2.2	19.2
		1/29/2020	50.9	0.0	0.0	50.3	0.0	0.0	0.0	0.0	0	1.2	19.7
		4/28/2020	50.5	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	1.1	20.2
	20	7/29/2019	53.6	0.0	N/A	53.2	0.0	0.0	0.2	0.0	0	2.9	18.3
		10/23/2019	52.8	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	2.0	19.3
		1/29/2020	50.7	0.0	0.0	50.4	0.0	0.0	0.0	0.0	0	1.0	20.3
		4/28/2020	50.0	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	1.0	20.3
	30	7/29/2019	56.4	0.0	N/A	50.0	0.0	0.0	0.1	0.0	0	1.6	19.2
		10/23/2019	56.0	0.0	N/A	55.0	0.0	0.0	0.0	0.0	0	1.4	19.6
		1/29/2020	51.1	0.0	0.0	50.7	0.0	0.0	0.0	0.0	0	1.9	19.6
		4/28/2020	50.6	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.6	20.9

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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-63	5	7/23/2019	71.0	0.0	N/A	63.2	0.0	0.0	0.4	0.0	0	0.1	20.4
		10/24/2019	57.2	0.0	N/A	52.6	0.0	0.0	0.0	0.0	0	0.0	20.9
		1/27/2020	50.2	0.0	0.0	50.1	0.0	0.0	0.0	0.0	0	0.0	20.6
		4/24/2020	71.5	0.0	N/A	44.8	0.0	0.0	0.0	0.0	0	0.1	20.7
	10	7/23/2019	52.6	0.0	N/A	51.1	0.0	0.0	0.2	0.0	0	0.2	20.2
		10/24/2019	58.8	0.0	N/A	58.1	0.0	0.0	0.0	0.0	0	0.2	20.8
		1/27/2020	50.4	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	0.1	20.9
		4/24/2020	43.0	0.0	N/A	43.0	0.0	0.0	0.0	0.0	0	0.1	20.7
	20	7/23/2019	52.9	0.0	N/A	50.6	0.0	0.0	0.3	0.0	0	0.4	20.0
		10/24/2019	51.2	0.0	N/A	50.8	0.0	0.0	0.1	0.0	0	0.3	20.6
		1/27/2020	50.5	0.0	0.0	50.1	0.0	0.0	0.0	0.0	0	0.2	20.4
		4/24/2020	46.4	0.0	N/A	41.9	0.0	0.0	0.0	0.0	0	0.2	20.7
	30	7/23/2019	52.2	0.0	N/A	52.0	0.0	0.0	0.2	0.0	0	0.7	19.7
		10/24/2019	58.6	0.0	N/A	57.2	0.0	0.0	0.0	0.0	0	0.9	20.2
		1/27/2020	50.6	0.0	0.0	50.3	0.0	0.0	0.0	0.0	0	0.5	20.4
		4/24/2020	41.8	0.0	N/A	42.7	0.0	0.0	0.2	0.0	0	0.5	20.3
VMP-64	5	7/25/2019	63.8	0.0	N/A	54.1	0.0	0.5	0.1	0.0	0	0.5	19.9
		10/23/2019	55.7	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	0.3	20.1
		1/28/2020	50.5	0.0	0.0	50.6	0.0	0.0	0.0	0.0	0	0.0	19.7
		4/24/2020	45.2	0.0	N/A	41.1	0.0	0.0	0.1	0.0	0	0.1	20.8
	10	7/25/2019	59.1	0.0	N/A	52.2	1.2	0.0	0.0	0.0	0	3.5	16.6
		10/23/2019	54.1	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	3.0	17.8
		1/28/2020	50.2	0.0	0.0	50.4	0.0	0.0	0.0	0.0	0	1.9	18.7
		4/24/2020	42.4	0.0	N/A	46.9	0.0	0.0	0.0	0.0	0	1.4	19.7
	20	7/25/2019	54.4	0.0	N/A	55.8	0.0	0.0	0.0	0.0	0	2.8	17.3
		10/23/2019	54.0	0.0	N/A	53.7	0.0	0.0	0.0	0.0	0	3.6	17.3
		1/28/2020	50.7	0.0	0.0	50.5	0.0	0.0	0.0	0.0	0	2.8	17.8
		4/24/2020	52.4	0.0	N/A	41.8	0.0	0.0	0.0	0.0	0	1.7	19.5
	28	7/25/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/21/2019[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/28/2020[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/24/2020[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 14% a dilution tip was used when analyzing samples. The dilution tip introduced ambient air in a 10:1 ration with the sample, which required the sample readings to be multiplied by 10 to get the actual reading. The FID readings in this spreadsheet illustrate the actual FID values that were represented in each sample.
6. Negative readings on the FID are recorded as zero.
7. VMP successfully re-sampled after helium leak check failure.
8. VMP re-sampled due to issues with the canister after arriving at the laboratory.
9. VMP not sampled because screen submerged below water table or a temporary water condition.
10. VMP-25-31 no longer sampled effective 2Q18 due to port integrity.
11. VMP not sampled because vehicle was consistently parked on well vault.
12. VMP re-sampled due to anomalous results in the initial sample.
13. VMP re-sampled due to elevated helium readings (>10% of shroud) in canister at the laboratory.

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 - Subtitle G; Chapter I, Subchapter f; 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.

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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			Butane			2-Butanone			Carbon disulfide		
				750000			0.37			450000			11			6.9						6400			780		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-1-5-072319	7/23/2019	0.02	J		0.0016	J		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-1-5-102419	10/24/2019	0.012	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-1-5-012720	1/27/2020	0.0062	J	J	<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-1-5-042420	4/24/2020	0.0096	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		0.0028	J		<0.016	U		<0.016	U	
	8.5 ft	VMP-1-8.5-072319	7/23/2019	0.012	J		0.0019	J		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-1-8.5-102419	10/24/2019	0.014	J		<0.009	U		<0.019	U		<0.029	U		<0.11	U		<0.027	U		<0.033	U		<0.035	U	
		VMP-1-8.5-102419-DUP	10/24/2019	0.011	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-1-8.5-111519R	11/15/2019	0.0043	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-1-8.5-012720	1/27/2020	0.0062	J	J	<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-1-8.5-042420	4/24/2020	0.015	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		0.0023	J		<0.015	U		<0.016	U	
	23.5 ft	VMP-1-23.5-072319	7/23/2019	0.025	J		0.0034	J		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-1-23.5-102419	10/24/2019	0.018	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-1-23.5-012720	1/27/2020	0.0091	J	J	<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-1-23.5-042420	4/24/2020	0.015	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		0.0039	J		<0.014	U		<0.015	U	
	38.5 ft	VMP-1-38.5-012720	1/27/2020	0.013	J	J	<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
VMP-2	5 ft	VMP-2-5-072519	7/25/2019	0.038			<0.0037	U		<0.0078	U		<0.012	U		<0.045	U	UJ	<0.011	U		<0.014	U		<0.014	U	
		VMP-2-5-102119	10/21/2019	0.0098	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-2-5-012420	1/24/2020	<0.031	U		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-2-5-042420	4/24/2020	0.057			0.0013	J		<0.0089	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.016	U	
	8.5 ft	VMP-2-8.5-072519	7/25/2019	0.006	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U	UJ	<0.013	U		<0.016	U		<0.017	U	
		VMP-2-8.5-102119	10/21/2019	0.0085	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-2-8.5-012420	1/24/2020	0.008	J	J	<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-2-8.5-042420	4/24/2020	0.02	J		0.0012	J		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
	22 ft	VMP-2-22-072519	7/25/2019	0.01	J		<0.0039	U		0.0024	J		<0.013	U		<0.048	U	UJ	<0.012	U		<0.014	U		<0.015	U	
		VMP-2-22-102119	10/21/2019	0.0091	J		<0.0039	U		0.0019	J		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-2-22-012420	1/24/2020	0.0056	J	J	<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-2-22-042420	4/24/2020	0.0079	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.013	U		<0.017	U		<0.018	U	
		VMP-2-22-042420-DUP	4/24/2020	0.013	J		0.0027	J		<0.0095	U		<0.015	U		<0.055	U		0.0027	J		<0.017	U		<0.018	U	
VMP-3	5 ft	VMP-3-5-072519	7/25/2019	0.015	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U	UJ	<0.012	U		<0.015	U		<0.016	U	
		VMP-3-5-101819	10/18/2019	0.0083	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.012	U	UJ	<0.015	U		<0.016	U	
		VMP-3-5-012720	1/27/2020	0.0077	J	J	<0.0054	U		<0.011	U		<0.018	U		<0.066	U		<0.016	U		<0.02	U		<0.021	U	
		VMP-3-5-012720-DUP	1/27/2020	0.0082	J	J	<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-3-5-042920	4/29/2020	0.011	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
	10 ft	VMP-3-10-072519	7/25/2019	0.019	J		<0.004	U		0.0019	J		<0.013	U		<0.049	U	UJ	<0.012	U		<0.015	U		<0.016	U	
		VMP-3-10-072519-DUP	7/25/2019	0.02	J		<0.0048	U		0.0021	J		<0.016	U		<0.059	U	UJ	<0.014	U		<0.018	U		<0.019	U	
		VMP-3-10-101819	10/18/2019	0.0084	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.014	U	UJ	<0.017	U		<0.018	U	
		VMP-3-10-022120	2/21/2020	<0.027	U		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
	22 ft	VMP-3-22-072519	7/25/2019	0.01	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U	UJ	<0.012	U		<0.015	U		<0.016	U	
		VMP-3-22-101819	10/18/2019	0.0064	J		0.003	J		<0.0084	U		<0.013	U		<0.049	U		0.003	J	J	<0.015	U		<0.016	U	
		VMP-3-22-012720	1/27/2020	0.0092	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-3-22-042920	4/29/2020	0.019	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		0.0032	J		<0.017	U		<0.018	U	
	31.5 ft	VMP-3-31.5-072519	7/25/2019	0.012	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U	UJ	0.0069	J		<0.015	U		<0.016	U	
		VMP-3-31.5-101819	10/18/2019	16	J		<12	U		<24	U		<38	U		<140	U		1800		J	<43	U		<45	U	
		VMP-3-31.5-101819-DUP	10/18/2019	14	J		<11	U		<24	U		<37	U		<140	U		1800		J	<42	U		<44	U	
		VMP-3-31.5-022120	2/21/2020	<0 28	U		<0.038	U		<0.079	U		<0.12	U		<0.46	U		1			<0.14	U		<0.15	U	
		VMP-3-31.5-042920	4/29/2020	<3.1	U		0.48	J	J	<2 2	U		<3.3	U		<5	U		370		J	<3.8	U		<4	U	
VMP-4	5 ft	VMP-4-5-072519	7/25/2019	0.02	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U	UJ	<0.012	U		<0.015	U		<0.016	U	
		VMP-4-5-102119	10/21/2019	0.016	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-4-5-012320	1/23/2020	0.0086	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-4-5-042820	4/28/2020	0.025	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		0.004	J		<0.016	U	
	12 ft	VMP-4-12-072519	7/25/2019	0.013	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U	UJ	<0.012	U		<0.014	U		<0.015	U	
		VMP-4-12-102119	10/21/2019	0.0095	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		0.0035	J		<0.015	U		<0.016	U	
		VMP-4-12-012320	1/23/2020	0.0047	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-4-12-042820	4/28/2020	0.019	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		0.0031	J		<0.017	U	
	23.5 ft	VMP-4-23.5-072519	7/25/2019	0.025	J		0.0054			<0.0085	U		<0.013	U		<0.049	U	UJ	0.016			<0.015	U		<0.016	U	
		VMP-4-23.5-102119	10/21/2019	<0.029	U		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-4-23.5-012320	1/23/2020	<0.032	U		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-4-23.5-042820	4/28/2020	0.014	J		0.0014	J		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	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	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			0.37			450000			11			6.9						6400			780		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-5-5-072419	7/24/2019	0.011	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-5-5-072419-DUP	7/24/2019	0.022	J		<0.0038	U		0.001	J		<0.012	U		<0.046	U		<0.011	U		0.0057	J		<0.015	U	
		VMP-5-5-102119	10/21/2019	0.014	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-5-5-012820	1/28/2020	<0.027	U		<0.0036	U		<0.0075	U		<0.012	U		<0.044	U		<0.011	U		<0.013	U		<0.014	U	
		VMP-5-5-042720	4/27/2020	0.0066	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
	12.5 ft	VMP-5-12.5-072419	7/24/2019	0.008	J		<0.004	U		0.012			<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-5-12.5-102119	10/21/2019	0.013	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		<0.013	U		<0.014	U	
		VMP-5-12.5-012820	1/28/2020	<0.031	U		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-5-12.5-042720	4/27/2020	0.017	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0047	J		0.0043	J	
	31 ft	VMP-5-31-072419	7/24/2019	0.028			0.001	J		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-5-31-102119	10/21/2019	0.0095	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-5-31-012820	1/28/2020	0.0072	J	J	<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-5-31-042720	4/27/2020	0.016	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
VMP-6	5 ft	VMP-6-5-072219	7/22/2019	0.024	J		0.0018	J		<0.0094	U		<0.014	U		<0.055	U		<0.013	U		0.0051	J		<0.018	U	
		VMP-6-5-102519	10/25/2019	0.0073	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-6-5-012320	1/23/2020	0.081			<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-6-5-042720	4/27/2020	0.012	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
	10 ft	VMP-6-10-072219	7/22/2019	0.013	J		<0.0039	U		0.0054	J		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-6-10-102519	10/25/2019	0.014	J		<0.004	U		0.001	J		<0.013	U		<0.049	U		<0.012	U		0.0068	J		<0.016	U	
		VMP-6-10-012320	1/23/2020	0.0059	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-6-10-042720	4/27/2020	0.012	J		<0.0041	U		0.0026	J		<0.013	U		<0.05	U		<0.012	U		0.0028	J		<0.016	U	
	31.5 ft	VMP-6-31.5-072219	7/22/2019	0.032			0.0039	J		<0.0088	U		<0.014	U		<0.051	U		0.011	J		0.0053	J		<0.016	U	
		VMP-6-31.5-102519	10/25/2019	<0 03	U		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-6-31.5-022120	2/21/2020	<0.027	U		<0.0036	U		<0.0075	U		<0.012	U		<0.044	U		<0.011	U		<0.013	U		<0.014	U	
		VMP-6-31.5-042720	4/27/2020	0.023	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.013	U		0.0035	J		0.16		
VMP-7	5 ft	VMP-7-5-072319	7/23/2019	0.038			0.0015	J		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-7-5-072319-DUP	7/23/2019	0.03			<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		<0.013	U		<0.014	U	
		VMP-7-5-102419	10/24/2019	<0.028	U		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-7-5-012720	1/27/2020	0.013	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-7-5-042720	4/27/2020	0.03	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.013	U		0.0091	J		<0.018	U	
	13.5 ft	VMP-7-13.5-072319	7/23/2019	0.016	J		0.024			<0.0081	U		<0.012	U		<0.047	U		0.0091	J		<0.014	U		<0.015	U	
		VMP-7-13.5-102419	10/24/2019	0.0069	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-7-13.5-012720	1/27/2020	0.0094	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		0.0059	J		<0.014	U		<0.015	U	
		VMP-7-13.5-042720	4/27/2020	0.012	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.013	U		0.0022	J		<0.018	U	
	29.5 ft	VMP-7-29.5-072319	7/23/2019	0.014	J		0.0029	J		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-7-29.5-102419	10/24/2019	0.0077	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		0.002	J		<0.014	U	
		VMP-7-29.5-102419-DUP	10/24/2019	<0.027	U		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		<0.013	U		<0.014	U	
		VMP-7-29.5-012720	1/27/2020	0.0071	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-7-29.5-012720-DUP	1/27/2020	0.0076	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-7-29.5-042720	4/27/2020	0.015	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.013	U		0.0019	J		<0.017	U	
VMP-8	5 ft	VMP-8-5-072219	7/22/2019	0.0099	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-8-5-101819	10/18/2019	0.0075	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-8-5-012220	1/22/2020	<0.033	U		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-8-5-012220-DUP	1/22/2020	<0.034	U		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-8-5-042220	4/22/2020	0.011	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
	9.5 ft	VMP-8-9.5-072219	7/22/2019	0.012	J		0.024			<0.0078	U		<0.012	U		<0.045	U		0.008	J		<0.014	U		<0.014	U	
		VMP-8-9.5-101819	10/18/2019	0.0058	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-8-9.5-012220	1/22/2020	0.0064	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-8-9.5-042220	4/22/2020	0.0077	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
	23.5 ft	VMP-8-23.5-072219	7/22/2019	0.0084	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-8-23.5-101819	10/18/2019	<0 03	U		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-8-23.5-012220	1/22/2020	0.011	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-8-23.5-042220	4/22/2020	0.021	J		0.002	J		<0.0084	U		<0.013	U		<0.049	U		0.005	J		0.0026	J		0.002	J	
	35.5 ft	VMP-8-35.5-072219	7/22/2019	0.023	J		0.0023	J		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-8-35.5-072219-DUP	7/22/2019	0.0063	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-8-35.5-101819	10/18/2019	0.0097	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-8-35.5-012220	1/22/2020	0.0054	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-8-35.5-042220	4/22/2020	0.0098	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		0.0021	J		<0.015	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	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			0.37			450000			11			6.9						6400			780		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-9	5 ft	VMP-9-5-071919	7/19/2019	0.021	J		0.0012	J		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-9-5-102519	10/25/2019	<0 03	U		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-9-5-012220	1/22/2020	0.006	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-9-5-042220	4/22/2020	0.013	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
	11.5 ft	VMP-9-11.5-071919	7/19/2019	0.062			0.048			<0.0086	U		<0.013	U		<0.05	U		<0.012	U		0.015	J		<0.016	U	
		VMP-9-11.5-102519	10/25/2019	<0.031	U		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-9-11.5-012220	1/22/2020	0.0078	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-9-11.5-042220	4/22/2020	0.018	J		0.0015	J		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		0.0035	J		<0.016	U	
	25.5 ft	VMP-9-25.5-071919	7/19/2019	0.014	J		0.0015	J		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-9-25.5-071919-DUP	7/19/2019	0.023	J		0.0019	J		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-9-25.5-102519	10/25/2019	0.013	J		<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-9-25.5-012220	1/22/2020	0.0058	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-9-25.5-042220	4/22/2020	0.008	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-9-25.5-042220-DUP	4/22/2020	0.048			0.0036	J		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0059	J		<0.015	U	
VMP-18	8.5 ft	VMP-18-8.5-072619	7/26/2019	0.019	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.015	U	
		VMP-18-8.5-072619-DUP	7/26/2019	0.023	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		0.0064	J	
		VMP-18-8.5-102319	10/23/2019	<0 03	U		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-18-8.5-102319-DUP	10/23/2019	0.016	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-18-8.5-012420	1/24/2020	0.0099	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-18-8.5-042920	4/29/2020	0.0091	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-18-8.5-042920-DUP	4/29/2020	0.018	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		<0.013	U		<0.014	U	
VMP-19	5 ft	VMP-19-5-073119	7/31/2019	0.22			<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.032			<0.015	U	
		VMP-19-5-111519R	11/15/2019	0.0076	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-19-5-022120	2/21/2020	0.012	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-19-5-043020	4/30/2020	0.0077	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-19-5-043020-DUP	4/30/2020	0.0067	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
VMP-20	5 ft	VMP-20-5-072219	7/22/2019	0.014	J		0.0059			<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-20-5-102319	10/23/2019	0.014	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-20-5-012420	1/24/2020	0.0081	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		0.0044	J		<0.016	U		<0.018	U	
		VMP-20-5-022120	2/21/2020	0.0088	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-20-5-042420	4/24/2020	0.019	J		<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
	10 ft	VMP-20-10-072219	7/22/2019	0.0043	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-20-10-102319	10/23/2019	<0.028	U		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-20-10-012420	1/24/2020	0.018	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-20-10-042420	4/24/2020	0.014	J		<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
	25 ft	VMP-20-25-072619	7/26/2019	0.017	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-20-25-102319	10/23/2019	<0.029	U		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.015	U	
		VMP-20-25-102319-DUP	10/23/2019	0.014	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	U	UJ	<0.014	U		<0.015	U	
		VMP-20-25-012420	1/24/2020	0.014	J		<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-20-25-042420	4/24/2020	0.011	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
VMP-21	5 ft	VMP-21-5-072919	7/29/2019	0.026	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-21-5-102319	10/23/2019	0.016	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-21-5-012220	1/22/2020	0.0058	J		<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-21-5-042320	4/23/2020	0.024	J	J	0.0026	J		<0.0095	U		<0.015	U		<0.055	U		<0.013	U		0.0033	J		<0.018	U	
	10 ft	VMP-21-10-072919	7/29/2019	0.019	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		0.0045	J		<0.016	U	
		VMP-21-10-072919-DUP	7/29/2019	0.022	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-21-10-102319	10/23/2019	0.0095	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-21-10-102319-DUP	10/23/2019	0.0067	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-21-10-012220	1/22/2020	<0.033	U		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-21-10-042320	4/23/2020	0.01	J	J	<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
	25 ft	VMP-21-25-072919	7/29/2019	0.017	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		0.0042	J	
		VMP-21-25-102319	10/23/2019	0.0096	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-21-25-012220	1/22/2020	0.0063	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-21-25-042320	4/23/2020	<0.033	U	UJ	<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
	33 ft	VMP-21-33-072919	7/29/2019	0.024	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		0.0033	J		<0.015	U	
		VMP-21-33-102319	10/23/2019	0.0086	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-21-33-012220	1/22/2020	0.0063	J		<0.0046	U		<0.0095	U		<0.015	U		<0.055	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-21-33-042320	4/23/2020	0.01	J	J	<0.0038	U		<0.008	U		<0.012	U		<0.046	U		0.0048	J		<0.014	U		<0.015	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			0.37			450000			11			6.9						6400			780		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-22	5 ft	VMP-22-5-072419	7/24/2019	0.028	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U	UJ	<0.012	U		<0.015	U		<0.016	U	
		VMP-22-5-102319	10/23/2019	<0.029	U		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-22-5-012320	1/23/2020	0.0088	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-22-5-042820	4/28/2020	0.015	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
	10 ft	VMP-22-10-072419	7/24/2019	0.012	J		0.0014	J		<0.0083	U		<0.013	U		<0.048	U	UJ	<0.012	U		<0.014	U		<0.015	U	
		VMP-22-10-102319	10/23/2019	0.011	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.015	U	
		VMP-22-10-012320	1/23/2020	0.005	J		0.0021	J		<0.009	U		<0.014	U		<0.052	U		0.0042	J		<0.016	U		<0.017	U	
		VMP-22-10-042820	4/28/2020	0.013	J		0.0011	J		<0.0077	U		<0.012	U		<0.045	U		0.0075	J		<0.014	U		<0.014	U	
	18 ft	VMP-22-18-072419	7/24/2019	0.025	J		<0.0042	U		0.0077	J		<0.013	U		<0.05	U	UJ	<0.012	U		<0.015	U		<0.016	U	
		VMP-22-18-102319	10/23/2019	0.011	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-22-18-012320	1/23/2020	0.0086	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-22-18-042820	4/28/2020	0.018	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		0.0046	J		0.0075	J		<0.016	U	
	38 ft	VMP-22-38-072419	7/24/2019	0.046			<0.0041	U		<0.0086	U		<0.013	U		<0.05	U	UJ	<0.012	U		<0.015	U		<0.016	U	
		VMP-22-38-102319	10/23/2019	0.01	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		0.031			<0.014	U		<0.015	U	
		VMP-22-38-012320	1/23/2020	0.0073	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-22-38-012320-DUP	1/23/2020	<0.031	U		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-22-38-042820	4/28/2020	0.038		J	<0.004	U		<0.0085	U		<0.013	U		<0.049	U		0.0065	J		0.0034	J		<0.016	U	
		VMP-22-38-042820-DUP	4/28/2020	0.0068	J	J	<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		0.005	J		<0.015	U		<0.016	U	
VMP-23	5 ft	VMP-23-5-072419	7/24/2019	0.011	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U	UJ	<0.012	U		<0.015	U		<0.016	U	
		VMP-23-5-102419	10/24/2019	0.013	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-23-5-012820	1/28/2020	0.0052	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-23-5-042820	4/28/2020	0.024	J		<0.004	U		0.0033	J		<0.013	U		<0.048	U		0.0032	J		0.004	J		<0.016	U	
	10 ft	VMP-23-10-072419	7/24/2019	0.0092	J		<0.0039	U		0.0022	J		<0.013	U		<0.048	U	UJ	<0.012	U		<0.014	U		<0.015	U	
		VMP-23-10-102419	10/24/2019	0.012	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-23-10-012820	1/28/2020	<0.029	U		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-23-10-042820	4/28/2020	0.017	J		<0.004	U		0.0092			<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.015	U	
	25 ft	VMP-23-25-072419	7/24/2019	0.01	J		<0.0039	U		0.0041	J		<0.012	U		<0.047	U	UJ	<0.012	U		<0.014	U		<0.015	U	
		VMP-23-25-102419	10/24/2019	0.02	J		<0.0041	U		0.001	J		<0.013	U		<0.05	U		<0.012	U		0.0022	J		<0.016	U	
		VMP-23-25-012820	1/28/2020	0.0044	J	J	<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		<0.013	U		<0.014	U	
		VMP-23-25-012820-DUP	1/28/2020	0.0047	J	J	<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		<0.013	U		<0.014	U	
		VMP-23-25-042820	4/28/2020	0.012	J		<0.0042	U		0.0044	J		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-23-25-042820-DUP	4/28/2020	0.058			0.0046			0.0036	J		<0.012	U		<0.047	U		<0.011	U		<0.014	U		<0.015	U	
VMP-24	5 ft	VMP-24-5-102219	10/22/2019	0.0062	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-24-5-012320	1/23/2020	0.0074	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-24-5-012320-DUP	1/23/2020	0.012	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-24-5-042220	4/22/2020	0.011	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
	10 ft	VMP-24-10-102219	10/22/2019	0.018	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-24-10-012320	1/23/2020	0.0061	J		<0.0048	U		<0.01	U		<0.015	U		<0.058	U		<0.014	U		<0.018	U		<0.018	U	
		VMP-24-10-042220	4/22/2020	0.014	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
	22 ft	VMP-24-22-102219	10/22/2019	<0.028	U		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-24-22-012320	1/23/2020	0.011	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-24-22-042220	4/22/2020	0.097		J	<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		0.0032	J		<0.016	U	
		VMP-24-22-042220-DUP	4/22/2020	0.033		J	<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
	34 ft	VMP-24-34-102219	10/22/2019	0.012	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		<0.013	U		<0.014	U	
		VMP-24-34-012320	1/23/2020	0.01	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.013	U		<0.017	U		<0.018	U	
		VMP-24-34-042220	4/22/2020	0.015	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
VMP-32	5 ft	VMP-32-5-072319	7/23/2019	0.021	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		0.0036	J		<0.016	U	
		VMP-32-5-072319-DUP	7/23/2019	0.027	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-32-5-102419	10/24/2019	0.0078	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.0017	J		<0.015	U	
		VMP-32-5-012820	1/28/2020	0.023	J		<0.006	U		<0.013	U		<0.02	U		<0.074	U		0.0046	J		0.0063	J		<0.024	U	
		VMP-32-5-042920	4/29/2020	0.01	J		0.00092	J		<0.0091	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
	10 ft	VMP-32-10-072319	7/23/2019	0.02	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-32-10-102419	10/24/2019	0.0073	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-32-10-012820	1/28/2020	<0.032	U		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-32-10-042920	4/29/2020	0.011	J		<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
	20 ft	VMP-32-20-072319	7/23/2019	0.034			0.0022	J		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-32-20-012820	1/28/2020	0.0072	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		0.0044	J		<0.017	U	
		VMP-32-20-042920	4/29/2020	0.027	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
	30 ft	VMP-32-30-072319	7/23/2019	0.074			0.018			<0.0092	U		<0.014	U		<0.054	U		<0.013	U		0.014	J		<0.017	U	
		VMP-32-30-102419	10/24/2019	0.009	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-32-30-012820	1/28/2020	0.0084	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		0.0018	J		<0.017	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	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			0.37			450000			11			6.9						6400			780		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-42	10 ft	VMP-42-10-072319	7/23/2019	0.014	J		0.021			<0.0083	U		<0.013	U		<0.048	U		0.038			<0.014	U		<0.015	U	
		VMP-42-10-102119	10/21/2019	0.0074	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		<0.013	U		0.0065	J	
		VMP-42-10-012720	1/27/2020	0.01	J	J	<0.0047	U		<0.01	U		<0.015	U		<0.058	U		<0.014	U		<0.018	U		<0.018	U	
		VMP-42-10-042920	4/29/2020	<0.035	U		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.014	U		<0.017	U		<0.018	U	
	20 ft	VMP-42-20-072319	7/23/2019	0.024	J		0.001	J		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-42-20-102119	10/21/2019	0.015	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-42-20-012720	1/27/2020	<0.034	U	UJ	<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-42-20-042920	4/29/2020	0.0093	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-42-20-042920-DUP	4/29/2020	0.0076	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
	30 ft	VMP-42-30-072319	7/23/2019	0.051			0.0045			<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-42-30-102119	10/21/2019	<0.026	U		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		<0.013	U		<0.014	U	
		VMP-42-30-102119-DUP	10/21/2019	0.011	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-42-30-012720	1/27/2020	<0.034	U	UJ	<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-42-30-042920	4/29/2020	<0.037	U		<0.005	U		<0.01	U		<0.016	U		<0.061	U		<0.015	U		<0.018	U		<0.02	U	
VMP-43	10 ft	VMP-43-10-080119	8/1/2019	0.032			<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-43-10-102119	10/21/2019	0.01	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		0.0024	J	
		VMP-43-10-012720	1/27/2020	0.0061	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-43-10-043020	4/30/2020	0.022	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
	20 ft	VMP-43-20-080119	8/1/2019	0.019	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		0.16			<0.014	U		<0.015	U	
		VMP-43-20-102119	10/21/2019	0.022	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		0.0033	J	
		VMP-43-20-012720	1/27/2020	<0.032	U		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-43-20-043020	4/30/2020	0.014	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
	30 ft	VMP-43-30-080119	8/1/2019	0.028	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		0.0035	J		<0.014	U		<0.015	U	
		VMP-43-30-102119	10/21/2019	0.012	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-43-30-102119-DUP	10/21/2019	0.011	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-43-30-012720	1/27/2020	0.01	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-43-30-043020	4/30/2020	0.01	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
VMP-44	10 ft	VMP-44-10-072319	7/23/2019	0.021	J		0.0017	J		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-44-10-102419	10/24/2019	0.012	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.011	U		0.0018	J		<0.014	U	
		VMP-44-10-012720	1/27/2020	0.011	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-44-10-043020	4/30/2020	0.0067	J		0.00069	J		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
	20 ft	VMP-44-20-072319	7/23/2019	0.39			0.002	J		<0.008	U		<0.012	U		<0.046	U		<0.011	U		0.0049	J		<0.015	U	
		VMP-44-20-102419	10/24/2019	0.0069	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-44-20-012720	1/27/2020	<0.034	U		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-44-20-043020	4/30/2020	0.04			<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.003	J		0.0037	J	
	30 ft	VMP-44-30-072319	7/23/2019	0.018	J		0.0011	J		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-44-30-102419	10/24/2019	0.0099	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		<0.013	U		<0.014	U	
		VMP-44-30-012720	1/27/2020	0.0091	J		<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-44-30-012720-DUP	1/27/2020	0.006	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-44-30-043020	4/30/2020	0.018	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
VMP-45	10 ft	VMP-45-10-080119	8/1/2019	0.018	J		0.0016	J		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		0.0051	J	
		VMP-45-10-111519R	11/15/2019	0.0091	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.015	U	
		VMP-45-10-012720	1/27/2020	<0 03	U		0.0014	J		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-45-10-042720	4/27/2020	0.0097	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
	20 ft	VMP-45-20-080119	8/1/2019	0.045			<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		0.012	J		<0.016	U	
		VMP-45-20-102419	10/24/2019	<0.027	U		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		0.0098	J		<0.014	U		<0.014	U	
		VMP-45-20-012720	1/27/2020	0.0067	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.015	U	
		VMP-45-20-042720	4/27/2020	0.012	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
	30 ft	VMP-45-30-080119	8/1/2019	0.042			<0.004	U		<0.0084	U		<0.013	U		<0.049	U		0.0036	J		0.0035	J		<0.016	U	
		VMP-45-30-102419	10/24/2019	0.007	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-45-30-102419-DUP	10/24/2019	0.0062	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-45-30-012720	1/27/2020	0.014	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		0.024			<0.016	U		<0.017	U	
		VMP-45-30-042720	4/27/2020	0.019	J		0.0009	J		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			0.37			450000			11			6.9						6400			780		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-47	5 ft	VMP-47-5-072619	7/26/2019	0.014	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-47-5-102319	10/23/2019	0.01	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-47-5-012920	1/29/2020	0.0093	J		0.0072		J	0.0082	J		<0.015	U		<0.058	U		<0.014	U		<0.018	U		<0.018	U	
		VMP-47-5-012920-DUP	1/29/2020	0.01	J		0.028		J	0.0095			<0.015	U		<0.055	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-47-5-042820	4/28/2020	0.017	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.013	U		<0.017	U		<0.018	U	
	10 ft	VMP-47-10-072619	7/26/2019	0.0062	J		<0.0041	U		0.007	J		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-47-10-102319	10/23/2019	0.0074	J		<0.0042	U		0.013			<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-47-10-012920	1/29/2020	0.0053	J		0.002	J		0.016			<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-47-10-042820	4/28/2020	0.0088	J		<0.0044	U		0.011			<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-47-10-042820-DUP	4/28/2020	0.036			<0.0045	U		0.011			<0.014	U		<0.055	U		<0.013	U		0.0031	J		0.0049	J	
	20 ft	VMP-47-20-072619	7/26/2019	0.017	J		<0.0039	U		0.0019	J		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-47-20-102319	10/23/2019	0.019	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-47-20-012920	1/29/2020	<0.031	U		<0.0042	U		0.0027	J		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-47-20-042820	4/28/2020	0.016	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
	30 ft	VMP-47-30-072619	7/26/2019	0.01	J		<0.004	U		0.0034	J		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-47-30-102319	10/23/2019	0.014	J		<0.0043	U		0.0045	J		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-47-30-012920	1/29/2020	<0.034	U		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-47-30-042820	4/28/2020	0.021	J		<0.0043	U		0.0035	J		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
VMP-48	5 ft	VMP-48-5-072619	7/26/2019	0.02	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-48-5-102119	10/21/2019	0.01	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-48-5-012920	1/29/2020	0.011	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-48-5-042420	4/24/2020	0.038			<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.014	U		<0.017	U		0.0041	J	
	10 ft	VMP-48-10-072619	7/26/2019	0.012	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-48-10-102119	10/21/2019	0.005	J		0.00073	J		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-48-10-012920	1/29/2020	<0.035	U		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-48-10-042420	4/24/2020	0.013	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
	20 ft	VMP-48-20-102119	10/21/2019	0.011	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
	30 ft	VMP-48-30-072619	7/26/2019	0.021	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-48-30-102119	10/21/2019	0.012	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		0.011	J		<0.015	U		<0.016	U	
		VMP-48-30-012920	1/29/2020	<0.034	U		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
VMP-49	5 ft	VMP-49-5-072919	7/29/2019	0.012	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-49-5-101819	10/18/2019	0.0077	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-49-5-012220	1/22/2020	0.0066	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-49-5-042920	4/29/2020	0.016	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.014	U		<0.017	U		<0.018	U	
	10 ft	VMP-49-10-072919	7/29/2019	0.011	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		0.063		
		VMP-49-10-101819	10/18/2019	0.0085	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-49-10-012220	1/22/2020	0.01	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-49-10-042920	4/29/2020	0.02	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
	20 ft	VMP-49-20-072919	7/29/2019	0.015	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-49-20-101819	10/18/2019	0.0087	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-49-20-012220	1/22/2020	0.0069	J		<0.0043	U		<0.0089	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-49-20-042920	4/29/2020	0.006	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-49-20-042920-DUP	4/29/2020	0.0093	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
	30 ft	VMP-49-30-072919	7/29/2019	0.031			<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-49-30-101819	10/18/2019	0.0081	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-49-30-012220	1/22/2020	<0 03	U		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-49-30-042920	4/29/2020	0.011	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
VMP-50	5 ft	VMP-50-5-073019	7/30/2019	0.037			<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-50-5-102319	10/23/2019	<0.028	U		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-50-5-012820	1/28/2020	0.0093	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-50-5-042820	4/28/2020	0.014	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
	10 ft	VMP-50-10-073019	7/30/2019	0.027	J		<0.0042	U		0.0037	J		<0.013	U		<0.051	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-50-10-102319	10/23/2019	<0.029	U		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-50-10-012820	1/28/2020	<0.033	U		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.013	U		<0.017	U		<0.018	U	
		VMP-50-10-042820	4/28/2020	0.014	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
	20 ft	VMP-50-20-073019	7/30/2019	0.022	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-50-20-102319	10/23/2019	0.03	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-50-20-012820	1/28/2020	0.009	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-50-20-042820	4/28/2020	0.0088	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
	30 ft	VMP-50-30-073019	7/30/2019	<0.6	U		<0.081	U		<0.17	U		<0.26	U		<0.99	U		12			<0.3	U		0.15	J	
		VMP-50-30-102319	10/23/2019	0.039	J		<0.04	U		<0.085	U		<0.13	U		<0 2	U		16			<0.15	U		<0.16	U	
		VMP-50-30-012820	1/28/2020	<0.64	U		<0.086	U		<0.18	U		<0.28	U		<1	U		6.5			<0.32	U		<0.34	U	
		VMP-50-30-042820	4/28/2020	<0.4	U		<0.054	U		<0.11	U		<0.18	U		<0.66	U		10			<0.2	U		<0.21	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			Butane			2-Butanone			Carbon disulfide		
				750000			0.37			450000			11			6.9						6400			780		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-51	5 ft	VMP-51-5-072419	7/24/2019	0.0069	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-51-5-102519	10/25/2019	<0.031	U		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-51-5-012820	1/28/2020	0.011	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.013	U		<0.017	U		<0.018	U	
		VMP-51-5-012820-DUP	1/28/2020	0.012	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.013	U		0.0025	J		<0.017	U	
		VMP-51-5-042720	4/27/2020	0.008	J		<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.011	U		<0.014	U		<0.015	U	
	10 ft	VMP-51-10-072419	7/24/2019	0.01	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-51-10-102519	10/25/2019	<0.029	U		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-51-10-012820	1/28/2020	0.0098	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-51-10-042720	4/27/2020	0.027	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		0.0054	J		<0.016	U	
	20 ft	VMP-51-20-072419	7/24/2019	<0.031	U		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-51-20-102519	10/25/2019	<0 03	U		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-51-20-022120	2/21/2020	0.013	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-51-20-042720	4/27/2020	0.0066	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
	30 ft	VMP-51-30-072419	7/24/2019	0.0093	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U	UJ	<0.011	U		<0.014	U		<0.014	U	
		VMP-51-30-102519	10/25/2019	<0.029	U		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-51-30-102519-DUP	10/25/2019	0.0056	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-51-30-012820	1/28/2020	0.0099	J		0.0019	J		<0.009	U		<0.014	U		<0.052	U		0.0072	J		<0.016	U		<0.017	U	
		VMP-51-30-042720	4/27/2020	0.012	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
VMP-52	5 ft	VMP-52-5-072619	7/26/2019	0.0096	J		<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-52-5-072619-DUP	7/26/2019	0.02	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-52-5-102219	10/22/2019	0.012	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-52-5-012320	1/23/2020	<0.035	U		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-52-5-042720	4/27/2020	0.0099	J		0.0009	J		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
	10 ft	VMP-52-10-072619	7/26/2019	0.03	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		0.0037	J		<0.016	U	
		VMP-52-10-102219	10/22/2019	0.011	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-52-10-042720	4/27/2020	0.012	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
	20 ft	VMP-52-20-072219	7/22/2019	0.022	J		0.0013	J		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-52-20-102219	10/22/2019	0.011	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		0.0081	J	
		VMP-52-20-012320	1/23/2020	0.0089	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-52-20-042720	4/27/2020	0.0064	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
	30 ft	VMP-52-30-072219	7/22/2019	0.0093	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-52-30-102219	10/22/2019	0.0079	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-52-30-102219-DUP	10/22/2019	0.0083	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-52-30-012320	1/23/2020	0.016	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-52-30-042720	4/27/2020	0.025	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.015	U	
		VMP-52-30-042720-DUP	4/27/2020	0.016	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
VMP-53	5 ft	VMP-53-5-071919	7/19/2019	0.026	J		0.0069			<0.0084	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-53-5-101819	10/18/2019	0.006	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-53-5-012220	1/22/2020	0.0086	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.013	U		<0.017	U		<0.018	U	
		VMP-53-5-042220	4/22/2020	0.01	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		0.012	J	
	10 ft	VMP-53-10-071919	7/19/2019	0.013	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-53-10-101819	10/18/2019	<0.033	U		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-53-10-012220	1/22/2020	0.0057	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-53-10-042220	4/22/2020	0.01	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		0.0025	J		<0.015	U		<0.016	U	
	20 ft	VMP-53-20-071919	7/19/2019	0.097			0.002	J		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-53-20-101819	10/18/2019	0.0056	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-53-20-012220	1/22/2020	<0 03	U		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-53-20-042220	4/22/2020	0.05			0.0011	J		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		0.0058	J		<0.016	U	
	30 ft	VMP-53-30-071919	7/19/2019	0.011	J		0.0017	J		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-53-30-101819	10/18/2019	<0.028	U		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-53-30-101819-DUP	10/18/2019	0.0069	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-53-30-012220	1/22/2020	0.0047	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-53-30-012220-DUP	1/22/2020	0.0096	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-53-30-042220	4/22/2020	0.007	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	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	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			0.37			450000			11			6.9						6400			780		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-54	5 ft	VMP-54-5-072219	7/22/2019	0.038			<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.0057	J		<0.015	U	
		VMP-54-5-102219	10/22/2019	0.0058	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-54-5-012220	1/22/2020	0.0073	J		<0.0054	U		<0.011	U		<0.017	U		<0.065	U		<0.016	U		<0.02	U		<0.021	U	
		VMP-54-5-042720	4/27/2020	0.014	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		0.004	J		0.0018	J		<0.016	U	
		VMP-54-5-052120	5/21/2020	0.025	J		0.001	J		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0034	J		<0.015	U	
	10 ft	VMP-54-10-072219	7/22/2019	0.0091	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-54-10-102219	10/22/2019	0.015	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-54-10-031220	3/12/2020	0.0075	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		0.0044	J		<0.015	U		<0.015	U	
		VMP-54-10-042720	4/27/2020	0.011	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		0.002	J		<0.017	U	
	20 ft	VMP-54-20-072219	7/22/2019	0.011	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-54-20-102219	10/22/2019	0.013	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-54-20-012220	1/22/2020	<0.031	U		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-54-20-042720	4/27/2020	0.033			<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		0.0023	J		<0.016	U	
	30 ft	VMP-54-30-072219	7/22/2019	0.016	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		0.0033	J	
		VMP-54-30-102219	10/22/2019	0.0093	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-54-30-012220	1/22/2020	<0.036	U		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.014	U		<0.018	U		<0.019	U	
		VMP-54-30-042720	4/27/2020	0.012	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		0.0068	J		<0.016	U		0.0032	J	
VMP-56	10 ft	VMP-56-10-072319	7/23/2019	0.028	J		0.0018	J		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-56-10-102119	10/21/2019	0.0077	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		<0.013	U		<0.014	U	
		VMP-56-10-012220	1/22/2020	<0.034	U		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.013	U		<0.017	U		<0.018	U	
		VMP-56-10-042420	4/24/2020	0.028	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		0.0019	J		<0.016	U	
	25 ft	VMP-56-25-072319	7/23/2019	0.03			<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-56-25-102119	10/21/2019	0.01	J		0.0042			<0.0086	U		<0.013	U		<0.05	U		0.01	J		<0.015	U		<0.016	U	
		VMP-56-25-012220	1/22/2020	0.0093	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-56-25-042420	4/24/2020	0.0075	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		0.0025	J		0.017	J	
VMP-62	5 ft	VMP-62-5-072919	7/29/2019	0.019	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-62-5-102319	10/23/2019	0.017	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		0.0087	J	
		VMP-62-5-012920	1/29/2020	0.0067	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-62-5-042820	4/28/2020	0.031	J		0.0013	J		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
	10 ft	VMP-62-10-072919	7/29/2019	0.028			<0.0037	U		0.0034	J		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-62-10-072919-DUP	7/29/2019	0.0088	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-62-10-102319	10/23/2019	0.0062	J		<0.0041	U		0.0031	J		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-62-10-012920	1/29/2020	0.0088	J		<0.0041	U		0.0041	J		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-62-10-042820	4/28/2020	0.011	J		<0.0048	U		0.0085	J		<0.015	U		<0.058	U		<0.014	U		<0.018	U		<0.019	U	
	20 ft	VMP-62-20-072919	7/29/2019	0.025	J		<0.0039	U		0.011			<0.012	U		<0.047	U		<0.012	U		0.0049	J		<0.015	U	
		VMP-62-20-102319	10/23/2019	0.012	J		<0.0039	U		0 01			<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-62-20-012920	1/29/2020	0.0057	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-62-20-042820	4/28/2020	0.023	J		<0.0043	U		0.015			<0.014	U		<0.053	U		<0.013	U		<0.016	U		0.012	J	
		VMP-62-20-042820-DUP	4/28/2020	0.016	J		<0.0044	U		0.015			<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
	30 ft	VMP-62-30-072919	7/29/2019	0.016	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-62-30-102319	10/23/2019	0.012	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-62-30-012920	1/29/2020	0.0091	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-62-30-042820	4/28/2020	0.025	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
VMP-63	5 ft	VMP-63-5-072319	7/23/2019	0.024	J		0.0014	J		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-63-5-102419	10/24/2019	0.0071	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		0.0017	J		<0.014	U	
		VMP-63-5-102419-DUP	10/24/2019	0.011	J		0.001	J		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.0022	J		<0.015	U	
		VMP-63-5-012720	1/27/2020	0.0075	J	J	<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-63-5-012720-DUP	1/27/2020	0.0054	J	J	<0.0046	U		<0.0095	U		<0.015	U		<0.055	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-63-5-042420	4/24/2020	0.015	J		<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.011	U		<0.014	U		<0.015	U	
	10 ft	VMP-63-10-072319	7/23/2019	0.015	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-63-10-102419	10/24/2019	0.0051	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-63-10-012720	1/27/2020	0.02	J		0.002	J		<0.0081	U		<0.012	U		<0.047	U		0.013			<0.014	U		<0.015	U	
		VMP-63-10-042420	4/24/2020	0.014	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		0.0027	J		<0.017	U	
	20 ft	VMP-63-20-072319	7/23/2019	0.0084	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-63-20-102419	10/24/2019	<0 03	U		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-63-20-012720	1/27/2020	<0.032	U	UJ	<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-63-20-042420	4/24/2020	0.018	J		<0.0038	U		<0.008	U		<0.012	U		<0.047	U		0.0021	J		0.003	J		<0.015	U	
	30 ft	VMP-63-30-072319	7/23/2019	0.016	J		0.00085	J		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-63-30-102419	10/24/2019	0.017	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		0.0021	J		<0.016	U	
		VMP-63-30-012720	1/27/2020	0.005	J	J	<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-63-30-042420	4/24/2020	0.0069	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		0.0017	J		<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	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			0.37			450000			11			6.9						6400			780		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-64	5 ft	VMP-64-5-072519	7/25/2019	0.034			<0.0038	U		<0.0079	U		<0.012	U		<0.046	U	UJ	<0.011	U		<0.014	U		<0.015	U	
		VMP-64-5-072519-DUP	7/25/2019	0.032			<0.0039	U		<0.0082	U		<0.013	U		<0.048	U	UJ	<0.012	U		0.0034	J		0.0023	J	
		VMP-64-5-102319	10/23/2019	0.027	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.0057	J		<0.015	U	
		VMP-64-5-012820	1/28/2020	0.012	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.013	U		0.0048	J		<0.017	U	
		VMP-64-5-042420	4/24/2020	0.013	J		<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.012	U		0.0034	J		<0.016	U	
	10 ft	VMP-64-10-072519	7/25/2019	0.014	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U	UJ	<0.012	U		<0.015	U		<0.015	U	
		VMP-64-10-102319	10/23/2019	0.023	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		0.0046	J		<0.016	U	
		VMP-64-10-012820	1/28/2020	0.0082	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-64-10-042420	4/24/2020	0.0093	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.011	U		<0.013	U		<0.014	U	
	20 ft	VMP-64-20-072519	7/25/2019	0.026	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U	UJ	<0.012	U		<0.015	U		<0.016	U	
		VMP-64-20-102319	10/23/2019	0.0075	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-64-20-012820	1/28/2020	0.0081	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-64-20-042420	4/24/2020	0.016	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		0.0015	J		<0.016	U	
		VMP-64-20-042420-DUP	4/24/2020	0.014	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dichlorobenzene		
				0.21			69			57000			0.11												290		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-1-5-072319	7/23/2019	<0.0085	U		<0.0062	U		<0.011	U		0.0031	J		<0.028	U		<0.007	U		<0.0046	U		<0.0081	U	
		VMP-1-5-102419	10/24/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-1-5-012720	1/27/2020	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U	UJ	<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-1-5-042420	4/24/2020	<0.0083	U		<0.006	U		<0.011	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.0079	U	
	8.5 ft	VMP-1-8.5-072319	7/23/2019	<0.0078	U		<0.0057	U		<0.01	U		0.0032	J		<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-1-8.5-102419	10/24/2019	<0.018	U		<0.013	U		<0.024	U		<0.014	U		<0.058	U		<0.014	U		<0.0096	U		<0.017	U	
		VMP-1-8.5-102419-DUP	10/24/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-1-8.5-111519R	11/15/2019	<0.008	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0076	U	
		VMP-1-8.5-012720	1/27/2020	<0.0091	U		<0.0066	U		<0.012	U		<0.007	U		<0.03	U	UJ	<0.0074	U		<0.005	U		<0.0086	U	
		VMP-1-8.5-042420	4/24/2020	<0.0081	U		<0.006	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
	23.5 ft	VMP-1-23.5-072319	7/23/2019	<0.0085	U		<0.0062	U		<0.011	U		0.0024	J		<0.028	U		<0.007	U		<0.0046	U		<0.0081	U	
		VMP-1-23.5-102419	10/24/2019	<0.0076	U		<0.0056	U		<0.01	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-1-23.5-012720	1/27/2020	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U	UJ	<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-1-23.5-042420	4/24/2020	<0.0074	U		<0.0054	U		<0.01	U		<0.0058	U		<0.024	U		<0.0061	U		<0.0041	U		<0.0071	U	
	38.5 ft	VMP-1-38.5-012720	1/27/2020	<0.008	U		<0.0059	U		<0.011	U		<0.0062	U		<0.026	U	UJ	<0.0066	U		<0.0044	U		<0.0077	U	
VMP-2	5 ft	VMP-2-5-072519	7/25/2019	<0.0073	U		<0.0053	U		<0.0099	U		<0.0057	U		<0.024	U		<0.006	ND,UJ	UJ	<0.004	U		<0.007	U	
		VMP-2-5-102119	10/21/2019	<0.0073	U		<0.0054	U		<0.0099	U		<0.0057	U		<0.024	U		<0.006	U		0.001	J		<0.007	U	
		VMP-2-5-012420	1/24/2020	<0.0083	U		<0.0061	U		<0.011	U		<0.0065	U		<0.027	U		<0.0068	U		<0.0046	U		<0.008	U	
		VMP-2-5-042420	4/24/2020	<0.0084	U		<0.0061	U		<0.011	U		<0.0065	U		<0.027	U		<0.0069	U		<0.0046	U		<0.008	U	
	8.5 ft	VMP-2-8.5-072519	7/25/2019	<0.0084	U		<0.0062	U		<0.011	U		0.002	J		<0.028	U		<0.0069	ND,UJ	UJ	<0.0046	U		<0.008	U	
		VMP-2-8.5-102119	10/21/2019	<0.0075	U		<0.0055	U		<0.01	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0072	U	
		VMP-2-8.5-012420	1/24/2020	<0.0087	U		<0.0064	U		<0.012	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U		<0.0083	U	
		VMP-2-8.5-042420	4/24/2020	<0.0083	U		0.00098	J		<0.011	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.0079	U	
	22 ft	VMP-2-22-072519	7/25/2019	<0.0077	U		<0.0056	U		<0.01	U		0.0089			<0.025	U		<0.0063	ND,UJ	UJ	<0.0042	U		<0.0074	U	
		VMP-2-22-102119	10/21/2019	<0.0076	U		<0.0056	U		<0.01	U		0.008			<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-2-22-012420	1/24/2020	<0.0088	U		<0.0064	U		<0.012	U		0.0019	J		<0.029	U		<0.0072	U		<0.0048	U		<0.0084	U	
		VMP-2-22-042420	4/24/2020	<0.0089	U		0.0014	J		<0.012	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0049	U		<0.0085	U	
		VMP-2-22-042420-DUP	4/24/2020	<0.0089	U		<0.0065	U		<0.012	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0049	U		<0.0085	U	
VMP-3	5 ft	VMP-3-5-072519	7/25/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0061	U		<0.026	U		<0.0065	ND,UJ	UJ	<0.0043	U		<0.0075	U	
		VMP-3-5-101819	10/18/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0061	U		<0.026	U		<0.0065	J	U	<0.0043	U		<0.0075	U	
		VMP-3-5-012720	1/27/2020	<0.011	U		<0.0078	U		<0.014	U		<0.0083	U		<0.035	U	UJ	<0.0088	U		<0.0059	U		<0.01	U	
		VMP-3-5-012720-DUP	1/27/2020	<0.0086	U		<0.0063	U		<0.012	U		<0.0067	U		<0.028	U	UJ	<0.0071	U		<0.0047	U		<0.0082	U	
		VMP-3-5-042920	4/29/2020	<0.0085	U		<0.0062	U		<0.012	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.0081	U	
	10 ft	VMP-3-10-072519	7/25/2019	<0.0079	U		<0.0058	U		<0.011	U		0.0074			<0.026	U		<0.0065	ND,UJ	UJ	<0.0043	U		<0.0075	U	
		VMP-3-10-072519-DUP	7/25/2019	<0.0096	U		<0.007	U		<0.013	U		0.0083			<0.031	U		<0.0079	ND,UJ	UJ	<0.0052	U		<0.0091	U	
		VMP-3-10-101819	10/18/2019	<0.0093	U		<0.0068	U		<0.013	U		<0.0072	U		<0.03	U		<0.0077	U		<0.0051	U		<0.0089	U	
		VMP-3-10-022120	2/21/2020	<0.0072	U		<0.0053	U		<0.0098	U		<0.0056	U		<0.024	U		<0.006	U		<0.004	U		<0.0069	U	
	22 ft	VMP-3-22-072519	7/25/2019	<0.0079	U		<0.0058	U		<0.011	U		0.0055	J		<0.026	U		<0.0065	ND,UJ	UJ	<0.0043	U		<0.0075	U	
		VMP-3-22-101819	10/18/2019	<0.0079	U		<0.0058	U		<0.011	U		0.0025	J		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-3-22-012720	1/27/2020	<0.0081	U		<0.006	U		<0.011	U		0.0021	J		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
		VMP-3-22-042920	4/29/2020	<0.009	U		<0.0066	U		<0.012	U		0.0025	J		<0.03	U		<0.0074	U		<0.0049	U		<0.0086	U	
	31.5 ft	VMP-3-31.5-072519	7/25/2019	<0.0082	U		<0.006	U		<0.011	U		<0.0064	U		<0.027	U		<0.0068	ND,UJ	UJ	<0.0045	U		<0.0079	U	
		VMP-3-31.5-101819	10/18/2019	<23	U		<17	U		<31	U		<18	U		<75	U		<19	U		9.2	J		<22	U	
		VMP-3-31.5-101819-DUP	10/18/2019	<22	U		<16	U		<30	U		<17	U		<73	U		<18	U		9.1	J		<21	U	
		VMP-3-31.5-022120	2/21/2020	<0.074	U		<0.054	U		<0.1	U		<0.057	U		<0.24	U		<0.061	U		<0.04	U		<0.071	U	
		VMP-3-31.5-042920	4/29/2020	<2	U		<1.5	U		<2.7	U		<1.6	U		<2.7	U		<1.7	U		<1.1	U		<1.9	U	
VMP-4	5 ft	VMP-4-5-072519	7/25/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0061	U		<0.026	U		<0.0065	ND,UJ	UJ	<0.0043	U		<0.0075	U	
		VMP-4-5-102119	10/21/2019	<0.0076	U		<0.0056	U		<0.01	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-4-5-012320	1/23/2020	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
		VMP-4-5-042820	4/28/2020	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
	12 ft	VMP-4-12-072519	7/25/2019	<0.0077	U		<0.0056	U		<0.01	U		<0.006	U		<0.025	U		<0.0063	ND,UJ	UJ	<0.0042	U		<0.0074	U	
		VMP-4-12-102119	10/21/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-4-12-012320	1/23/2020	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-4-12-042820	4/28/2020	<0.0085	U		<0.0062	U		<0.011	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.0081	U	
	23.5 ft	VMP-4-23.5-072519	7/25/2019	<0.008	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0066	ND,UJ	UJ	<0.0044	U		<0.0076	U	
		VMP-4-23.5-102119	10/21/2019	<0.0076	U		<0.0056	U		<0.01	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-4-23.5-012320	1/23/2020	<0.0085	U		<0.0062	U		<0.011	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.0081	U	
		VMP-4-23.5-042820	4/28/2020	<0.0083	U		<0.0061	U		<0.011	U		0.0012	J		<0.027	U		<0.0068	U		<0.0045	U		<0.0079	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 tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dichlorobenzene		
				0.21			69			57000			0.11												290		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-5-5-072419	7/24/2019	0.0025	J		<0.0056	U		<0.01	U		0.0046	J		<0.025	U		<0.0063	ND,UJ	UJ	<0.0042	U		<0.0073	U	
		VMP-5-5-072419-DUP	7/24/2019	0.0023	J		<0.0055	U		<0.01	U		0.0055	J		<0.024	U		<0.0062	ND,UJ	UJ	<0.0041	U		<0.0072	U	
		VMP-5-5-102119	10/21/2019	<0.0076	U		<0.0056	U		<0.01	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-5-5-012820	1/28/2020	<0.0071	U		<0.0052	U		<0.0096	U		<0.0055	U		<0.023	U		<0.0058	U		<0.0039	U		<0.0068	U	
		VMP-5-5-042720	4/27/2020	<0.0075	U		<0.0055	U		<0.01	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0072	U	
	12.5 ft	VMP-5-12.5-072419	7/24/2019	0.0066	J		<0.0058	U		<0.011	U		0.066			<0.026	U		<0.0065	ND,UJ	UJ	<0.0043	U		<0.0076	U	
		VMP-5-12.5-102119	10/21/2019	<0.007	U		<0.0052	U		<0.0095	U		0.0067			<0.023	U		<0.0058	U		<0.0038	U		<0.0067	U	
		VMP-5-12.5-012820	1/28/2020	<0.0083	U		<0.0061	U		<0.011	U		0.0028	J		<0.027	U		<0.0068	U		<0.0045	U		<0.0079	U	
		VMP-5-12.5-042720	4/27/2020	<0.0076	U		<0.0056	U		<0.01	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
	31 ft	VMP-5-31-072419	7/24/2019	<0.0075	U		<0.0055	U		<0.01	U		0.0041	J		<0.024	U		<0.0062	ND,UJ	UJ	<0.0041	U		<0.0072	U	
		VMP-5-31-102119	10/21/2019	<0.0091	U		<0.0066	U		<0.012	U		0.0049	J		<0.03	U		<0.0075	U		<0.005	U		<0.0087	U	
		VMP-5-31-012820	1/28/2020	<0.008	U		<0.0058	U		<0.011	U		0.0032	J		<0.026	U		<0.0066	U		<0.0044	U		<0.0076	U	
		VMP-5-31-042720	4/27/2020	<0.008	U		<0.0058	U		<0.011	U		0.0042	J		<0.026	U		<0.0066	U		<0.0044	U		<0.0076	U	
VMP-6	5 ft	VMP-6-5-072219	7/22/2019	<0.0089	U		<0.0065	U		<0.012	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U		<0.0085	U	
		VMP-6-5-102519	10/25/2019	<0.0077	U		<0.0056	U		<0.01	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-6-5-012320	1/23/2020	<0.0091	U		<0.0067	U		<0.012	U		0.011			<0.03	U		<0.0075	U		<0.005	U		<0.0087	U	
		VMP-6-5-042720	4/27/2020	<0.0085	U		<0.0062	U		<0.011	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.0081	U	
	10 ft	VMP-6-10-072219	7/22/2019	<0.0078	U		<0.0057	U		<0.01	U		0.027			<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-6-10-102519	10/25/2019	<0.0079	U		<0.0058	U		<0.011	U		0.024			<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-6-10-012320	1/23/2020	<0.0082	U		<0.006	U		<0.011	U		0.017			<0.027	U		<0.0067	U		<0.0045	U		<0.0078	U	
		VMP-6-10-042720	4/27/2020	<0.0081	U		<0.0059	U		<0.011	U		0.0056	J		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
	31.5 ft	VMP-6-31.5-072219	7/22/2019	<0.0083	U		<0.0061	U		<0.011	U		0.0061	J		<0.027	U		<0.0068	U		<0.0045	U		<0.0079	U	
		VMP-6-31.5-102519	10/25/2019	<0.008	U		<0.0058	U		<0.011	U		0.0058	J		<0.026	U		<0.0066	U		<0.0044	U		<0.0076	U	
		VMP-6-31.5-022120	2/21/2020	<0.0071	U		<0.0052	U		<0.0096	U		0.0036	J		<0.023	U		<0.0058	U		<0.0039	U		<0.0068	U	
		VMP-6-31.5-042720	4/27/2020	<0.0087	U		<0.0064	U		<0.012	U		0.0037	J		<0.028	U		<0.0071	U		<0.0048	U		<0.0083	U	
VMP-7	5 ft	VMP-7-5-072319	7/23/2019	<0.0076	U		<0.0056	U		<0.01	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		0.0016	J	
		VMP-7-5-072319-DUP	7/23/2019	<0.007	U		<0.0052	U		<0.0095	U		<0.0055	U		<0.023	U		<0.0058	U		<0.0038	U		<0.0067	U	
		VMP-7-5-102419	10/24/2019	<0.0075	U		<0.0055	U		<0.01	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0072	U	
		VMP-7-5-012720	1/27/2020	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.026	U	UJ	<0.0066	U		<0.0044	U		<0.0077	U	
		VMP-7-5-042720	4/27/2020	<0.0089	U		<0.0065	U		<0.012	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U		<0.0085	U	
	13.5 ft	VMP-7-13.5-072319	7/23/2019	<0.0076	U		<0.0056	U		<0.01	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-7-13.5-102419	10/24/2019	<0.0072	U		<0.0053	U		<0.0098	U		<0.0056	U		<0.024	U		<0.0059	U		<0.0039	U		<0.0069	U	
		VMP-7-13.5-012720	1/27/2020	<0.0076	U		<0.0056	U		<0.01	U		<0.0059	U		<0.025	U	UJ	<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-7-13.5-042720	4/27/2020	<0.0089	U		<0.0065	U		<0.012	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U		<0.0085	J	U
	29.5 ft	VMP-7-29.5-072319	7/23/2019	<0.0078	U		<0.0057	U		<0.01	U		0.0054	J		<0.026	U		<0.0064	U		0.0017	J		<0.0074	U	
		VMP-7-29.5-102419	10/24/2019	<0.007	U		<0.0052	U		<0.0095	U		0.0063			<0.023	U		<0.0058	U		<0.0038	U		<0.0067	U	
		VMP-7-29.5-102419-DUP	10/24/2019	<0.007	U		<0.0052	U		<0.0095	U		0.0067			<0.023	U		<0.0058	U		<0.0038	U		<0.0067	U	
		VMP-7-29.5-012720	1/27/2020	<0.0077	U		<0.0057	U		<0.01	U		0.005	J		<0.025	U	UJ	<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-7-29.5-012720-DUP	1/27/2020	<0.0079	U		<0.0058	U		<0.011	U		0.0045	J		<0.026	U	UJ	<0.0065	U		<0.0043	U		<0.0075	U	
		VMP-7-29.5-042720	4/27/2020	<0.0087	U		<0.0064	U		<0.012	U		0.026			<0.028	U		<0.0071	U		<0.0048	U		<0.0083	U	
VMP-8	5 ft	VMP-8-5-072219	7/22/2019	<0.0072	U		<0.0053	U		<0.0098	U		0.0054	J		<0.024	U		<0.0059	U		<0.0039	U		<0.0069	U	
		VMP-8-5-101819	10/18/2019	<0.0077	U		<0.0056	U		<0.01	U		0.0012	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-8-5-012220	1/22/2020	<0.0088	U		<0.0064	U		<0.012	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U		<0.0084	U	
		VMP-8-5-012220-DUP	1/22/2020	<0.0089	U		<0.0065	U		<0.012	U		<0.0069	U		<0.029	U		<0.0074	U		<0.0049	U		<0.0085	U	
		VMP-8-5-042220	4/22/2020	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
	9.5 ft	VMP-8-9.5-072219	7/22/2019	<0.0073	U		<0.0054	U		<0.0099	U		<0.0057	U		<0.024	U		<0.006	U		0.028			<0.007	U	
		VMP-8-9.5-101819	10/18/2019	<0.0075	U		<0.0055	U		<0.01	U		<0.0058	U		<0.025	U		<0.0062	U		<0.0041	U		<0.0072	U	
		VMP-8-9.5-012220	1/22/2020	<0.0086	U		<0.0063	U		<0.012	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0047	U		<0.0083	U	
		VMP-8-9.5-042220	4/22/2020	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
	23.5 ft	VMP-8-23.5-072219	7/22/2019	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
		VMP-8-23.5-101819	10/18/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-8-23.5-012220	1/22/2020	<0.0083	U		<0.0061	U		<0.011	U		<0.0065	U		<0.027	U		<0.0068	U		<0.0046	U		<0.008	U	
		VMP-8-23.5-042220	4/22/2020	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		0.0048			<0.0076	U	
	35.5 ft	VMP-8-35.5-072219	7/22/2019	<0.0076	U		<0.0056	U		<0.01	U		0.0067			<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-8-35.5-072219-DUP	7/22/2019	<0.0076	U		<0.0056	U		<0.01	U		0.0058	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-8-35.5-101819	10/18/2019	<0.0074	U		<0.0054	U		<0.01	U		<0.0058	U		<0.024	U		<0.0061	U		<0.0041	U		<0.0071	U	
		VMP-8-35.5-012220	1/22/2020	<0.0085	U		<0.0062	U		<0.012	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.0081	U	
		VMP-8-35.5-042220	4/22/2020	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	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 tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dichlorobenzene		
				0.21			69			57000			0.11												290		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-9	5 ft	VMP-9-5-071919	7/19/2019	<0.0077	U		<0.0056	U		<0.01	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0074	U	
		VMP-9-5-102519	10/25/2019	<0.0078	U		<0.0057	U		<0.011	U		<0.0061	U		<0.026	U		<0.0064	U		<0.0043	U		<0.0075	U	
		VMP-9-5-012220	1/22/2020	<0.0075	U		<0.0055	U		<0.01	U		0.0018	J		<0.025	ND,UJ	UJ	<0.0062	U		<0.0041	U		<0.0072	U	
		VMP-9-5-042220	4/22/2020	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
	11.5 ft	VMP-9-11.5-071919	7/19/2019	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		0.061			<0.0078	U	
		VMP-9-11.5-102519	10/25/2019	<0.0082	U		<0.006	U		<0.011	U		0.0032	J		<0.027	U		<0.0068	U		<0.0045	U		<0.0079	U	
		VMP-9-11.5-012220	1/22/2020	<0.0079	U		<0.0058	U		<0.011	U		0.0031	J		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-9-11.5-042220	4/22/2020	<0.0083	U		<0.0061	U		<0.011	U		0.003	J		<0.027	U		<0.0068	U		<0.0045	U		<0.0079	U	
	25.5 ft	VMP-9-25.5-071919	7/19/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0061	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0075	U	
		VMP-9-25.5-071919-DUP	7/19/2019	<0.0085	U		<0.0062	U		<0.011	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.0081	U	
		VMP-9-25.5-102519	10/25/2019	<0.0086	U		<0.0063	U		<0.012	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0047	U		<0.0082	U	
		VMP-9-25.5-012220	1/22/2020	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	ND,UJ	UJ	<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-9-25.5-042220	4/22/2020	<0.0073	U		<0.0054	U		<0.0099	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.007	U	
		VMP-9-25.5-042220-DUP	4/22/2020	<0.0076	U		<0.0056	U		<0.01	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
VMP-18	8.5 ft	VMP-18-8.5-072619	7/26/2019	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	ND,UJ	UJ	<0.0043	U		<0.0074	U	
		VMP-18-8.5-072619-DUP	7/26/2019	<0.0079	U		<0.0058	U		<0.011	U		0.001	J		<0.026	U		<0.0065	ND,UJ	UJ	<0.0043	U		<0.0076	U	
		VMP-18-8.5-102319	10/23/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-18-8.5-102319-DUP	10/23/2019	<0.0081	U		<0.006	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
		VMP-18-8.5-012420	1/24/2020	<0.0093	U		<0.0068	U		<0.013	U		<0.0072	U		<0.03	U		<0.0077	U		<0.0051	U		<0.0089	U	
		VMP-18-8.5-042920	4/29/2020	<0.0074	U		<0.0054	U		<0.01	U		<0.0058	U		<0.024	U		<0.0061	U		<0.0041	U		<0.0071	U	
		VMP-18-8.5-042920-DUP	4/29/2020	<0.007	U		<0.0052	U		<0.0095	U		<0.0055	U		<0.023	U		<0.0058	U		<0.0038	U		<0.0067	U	
VMP-19	5 ft	VMP-19-5-073119	7/31/2019	<0.0078	U		<0.0057	U		<0.01	U		0.0035	J		<0.026	U		<0.0064	U		<0.0043	U		<0.0074	U	
		VMP-19-5-111519R	11/15/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-19-5-022120	2/21/2020	<0.0076	U		<0.0056	U		<0.01	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-19-5-043020	4/30/2020	<0.0075	U		<0.0055	U		<0.01	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0072	U	
		VMP-19-5-043020-DUP	4/30/2020	<0.0075	U		<0.0055	U		<0.01	U		<0.0058	U		0.0022	J		<0.0062	U		<0.0041	U		<0.0072	U	
VMP-20	5 ft	VMP-20-5-072219	7/22/2019	<0.0075	U		<0.0055	U		<0.01	U		<0.0058	U		<0.024	U		<0.0062	U		0.0025	J		<0.0072	U	
		VMP-20-5-102319	10/23/2019	<0.0073	U		<0.0053	U		<0.0099	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.007	U	
		VMP-20-5-012420	1/24/2020	<0.0088	U		<0.0065	U		<0.012	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U		<0.0084	U	
		VMP-20-5-022120	2/21/2020	<0.0075	U		<0.0055	U		<0.01	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0072	U	
		VMP-20-5-042420	4/24/2020	<0.008	U		<0.0059	U		<0.011	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0077	U	
	10 ft	VMP-20-10-072219	7/22/2019	<0.0075	U		<0.0055	U		<0.01	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0072	U	
		VMP-20-10-102319	10/23/2019	<0.0073	U		<0.0054	U		<0.0099	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.007	U	
		VMP-20-10-012420	1/24/2020	<0.008	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0076	U	
		VMP-20-10-042420	4/24/2020	<0.008	U		<0.0059	U		<0.011	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0077	U	
	25 ft	VMP-20-25-072619	7/26/2019	<0.008	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0076	U	
		VMP-20-25-102319	10/23/2019	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	U		<0.0043	U		<0.0074	U	
		VMP-20-25-102319-DUP	10/23/2019	<0.0074	U		<0.0054	U		<0.01	U		<0.0058	U		<0.024	U		<0.0061	U		<0.0041	U		<0.0071	U	
		VMP-20-25-012420	1/24/2020	<0.0086	U		<0.0063	U		<0.012	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0047	U		<0.0082	U	
		VMP-20-25-042420	4/24/2020	<0.0083	U		<0.0061	U		<0.011	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.0079	U	
VMP-21	5 ft	VMP-21-5-072919	7/29/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-21-5-102319	10/23/2019	<0.0091	U		<0.0066	U		<0.012	U		<0.007	U		<0.03	U		<0.0075	U		<0.005	U		<0.0087	U	
		VMP-21-5-012220	1/22/2020	<0.0086	U		<0.0063	U		<0.012	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0047	U		<0.0082	U	
		VMP-21-5-042320	4/23/2020	<0.0089	U		<0.0065	U		<0.012	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0049	U		<0.0085	U	
	10 ft	VMP-21-10-072919	7/29/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-21-10-072919-DUP	7/29/2019	<0.0076	U		<0.0056	U		<0.01	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-21-10-102319	10/23/2019	<0.0075	U		<0.0055	U		<0.01	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0072	U	
		VMP-21-10-102319-DUP	10/23/2019	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-21-10-012220	1/22/2020	<0.0088	U		<0.0064	U		<0.012	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U		<0.0084	U	
		VMP-21-10-042320	4/23/2020	<0.0077	U		<0.0056	U		<0.01	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0074	U	
	25 ft	VMP-21-25-072919	7/29/2019	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
		VMP-21-25-102319	10/23/2019	<0.0076	U		<0.0056	U		<0.01	U		0.0011	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-21-25-012220	1/22/2020	<0.0088	U		<0.0064	U		<0.012	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U		<0.0084	U	
		VMP-21-25-042320	4/23/2020	<0.0087	U		<0.0064	U		<0.012	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U		<0.0084	U	
	33 ft	VMP-21-33-072919	7/29/2019	<0.0075	U		<0.0055	U		<0.01	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0072	U	
		VMP-21-33-102319	10/23/2019	<0.0073	U		<0.0054	U		<0.0099	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.007	U	
		VMP-21-33-012220	1/22/2020	<0.009	U		<0.0066	U		<0.012	U		<0.007	U		<0.029	U		<0.0074	U		<0.0049	U		<0.0086	U	
		VMP-21-33-042320	4/23/2020	<0.0075	U		<0.0055	U		<0.01	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0072	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 tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dichlorobenzene		
				0.21			69			57000			0.11												290		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-22	5 ft	VMP-22-5-072419	7/24/2019	<0.0082	U		<0.006	U		<0.011	U		0.0087			<0.027	U		<0.0068	ND,UJ	UJ	<0.0045	U		<0.0079	U	
		VMP-22-5-102319	10/23/2019	<0.0076	U		<0.0056	U		<0.01	U		0.0013	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-22-5-012320	1/23/2020	<0.0076	U		<0.0056	U		<0.01	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-22-5-042820	4/28/2020	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0077	U	
	10 ft	VMP-22-10-072419	7/24/2019	<0.0078	U		<0.0057	U		<0.01	U		0.046			<0.026	U		<0.0064	ND,UJ	UJ	0.0011	J		<0.0074	U	
		VMP-22-10-102319	10/23/2019	<0.0078	U		<0.0057	U		<0.01	U		0.0028	J		<0.026	U		<0.0064	U		<0.0043	U		<0.0074	U	
		VMP-22-10-012320	1/23/2020	<0.0085	U		<0.0062	U		<0.011	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.0081	U	
		VMP-22-10-042820	4/28/2020	<0.0073	U		<0.0053	U		<0.0098	U		<0.0056	U		<0.024	U		<0.006	U		<0.004	U		<0.0069	U	
	18 ft	VMP-22-18-072419	7/24/2019	<0.0082	U		<0.006	U		<0.011	U		0.023			<0.027	U		<0.0067	ND,UJ	UJ	<0.0045	U		<0.0078	U	
		VMP-22-18-102319	10/23/2019	<0.0077	U		<0.0057	U		<0.01	U		0.006			<0.025	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-22-18-012320	1/23/2020	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-22-18-042820	4/28/2020	<0.0081	U		<0.0059	U		<0.011	U		0.0035	J		0.0021	J		<0.0066	U		<0.0044	U		<0.0077	U	
	38 ft	VMP-22-38-072419	7/24/2019	<0.008	U		<0.0059	U		<0.011	U		0.028			<0.026	U		<0.0066	ND,UJ	UJ	<0.0044	U		<0.0077	U	
		VMP-22-38-102319	10/23/2019	<0.0074	U		<0.0054	U		<0.01	U		0.0015	J		<0.024	U		<0.0061	U		<0.004	U		<0.0071	U	
		VMP-22-38-012320	1/23/2020	<0.0083	U		<0.0061	U		<0.011	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.0079	U	
		VMP-22-38-012320-DUP	1/23/2020	<0.0083	U		<0.0061	U		<0.011	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.0079	U	
		VMP-22-38-042820	4/28/2020	<0.008	U		<0.0058	U		<0.011	U		0.00087	J		<0.026	U		<0.0065	U		<0.0044	U		<0.0076	U	
		VMP-22-38-042820-DUP	4/28/2020	<0.0082	U		<0.006	U		<0.011	U		0.00093	J		<0.027	U		<0.0068	U		<0.0045	U		<0.0079	U	
VMP-23	5 ft	VMP-23-5-072419	7/24/2019	<0.0081	U		<0.006	U		<0.011	U		0.0022	J		<0.027	U		<0.0067	ND,UJ	UJ	<0.0044	U		<0.0078	U	
		VMP-23-5-102419	10/24/2019	<0.0073	U		<0.0054	U		<0.0099	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.007	U	
		VMP-23-5-012820	1/28/2020	<0.0078	U		<0.0057	U		<0.01	U		0.0038	J		<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-23-5-042820	4/28/2020	<0.0078	U		<0.0057	U		<0.011	U		0.007			<0.026	U		<0.0064	U		<0.0043	U		<0.0075	U	
	10 ft	VMP-23-10-072419	7/24/2019	<0.0078	U		<0.0057	U		<0.01	U		0.0059	J		<0.026	U		<0.0064	ND,UJ	UJ	<0.0042	U		<0.0074	U	
		VMP-23-10-102419	10/24/2019	<0.0078	U		<0.0057	U		<0.01	U		0.0011	J		<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-23-10-012820	1/28/2020	<0.0076	U		<0.0055	U		<0.01	U		0.0088			<0.025	U		<0.0062	U		<0.0041	U		<0.0072	U	
		VMP-23-10-042820	4/28/2020	<0.0078	U		<0.0057	U		<0.01	U		0.019			<0.026	U		<0.0064	U		<0.0043	U		<0.0074	U	
	25 ft	VMP-23-25-072419	7/24/2019	<0.0076	U		<0.0056	U		<0.01	U		0.0078			<0.025	U		<0.0063	ND,UJ	UJ	<0.0042	U		<0.0073	U	
		VMP-23-25-102419	10/24/2019	<0.0081	U		<0.0059	U		<0.011	U		0.0029	J		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
		VMP-23-25-012820	1/28/2020	<0.007	U		<0.0051	U		<0.0094	U		0.0042	J		<0.023	U		<0.0057	U		<0.0038	U		<0.0066	U	
		VMP-23-25-012820-DUP	1/28/2020	<0.007	U		<0.0051	U		<0.0094	U		0.0026	J		<0.023	U		<0.0057	U		<0.0038	U		<0.0067	U	
		VMP-23-25-042820	4/28/2020	<0.0082	U		<0.006	U		<0.011	U		0.023			<0.027	U		<0.0067	U		<0.0045	U		<0.0078	U	
		VMP-23-25-042820-DUP	4/28/2020	<0.0076	U		<0.0055	U		<0.01	U		0.022			<0.025	U		<0.0062	U		<0.0041	U		<0.0072	U	
VMP-24	5 ft	VMP-24-5-102219	10/22/2019	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-24-5-012320	1/23/2020	<0.0093	U		<0.0068	U		<0.013	U		<0.0072	U		<0.03	U		<0.0077	U		<0.0051	U		<0.0089	U	
		VMP-24-5-012320-DUP	1/23/2020	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
		VMP-24-5-042220	4/22/2020	<0.0083	U		<0.0061	U		<0.011	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.0079	U	
	10 ft	VMP-24-10-102219	10/22/2019	<0.0072	U		<0.0053	U		<0.0098	U		<0.0056	U		<0.024	U		<0.0059	U		<0.0039	U		<0.0069	U	
		VMP-24-10-012320	1/23/2020	<0.0094	U		<0.0068	U		<0.013	U		<0.0073	U		<0.031	U		<0.0077	U		<0.0051	U		<0.009	U	
		VMP-24-10-042220	4/22/2020	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
	22 ft	VMP-24-22-102219	10/22/2019	<0.0073	U		<0.0054	U		<0.0099	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.007	U	
		VMP-24-22-012320	1/23/2020	<0.0086	U		<0.0063	U		<0.012	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0047	U		<0.0082	U	
		VMP-24-22-042220	4/22/2020	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-24-22-042220-DUP	4/22/2020	<0.0083	U		<0.0061	U		<0.011	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.0079	U	
	34 ft	VMP-24-34-102219	10/22/2019	<0.0069	U		<0.0051	U		<0.0094	U		<0.0054	U		<0.023	U		<0.0057	U		<0.0038	U		<0.0066	U	
		VMP-24-34-012320	1/23/2020	<0.0089	U		<0.0065	U		<0.012	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U		<0.0085	U	
		VMP-24-34-042220	4/22/2020	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
VMP-32	5 ft	VMP-32-5-072319	7/23/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	ND,UJ	UJ	<0.0043	U		<0.0076	U	
		VMP-32-5-072319-DUP	7/23/2019	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	ND,UJ	UJ	<0.0042	U		<0.0074	U	
		VMP-32-5-102419	10/24/2019	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-32-5-012820	1/28/2020	<0.012	U		<0.0087	U		<0.016	U		<0.0092	U		<0.039	U		<0.0098	U		0.0028	J		<0.011	U	
		VMP-32-5-042920	4/29/2020	<0.0086	U		<0.0063	U		<0.012	U		<0.0066	U		<0.028	U		<0.007	U		<0.0047	U		<0.0082	U	
	10 ft	VMP-32-10-072319	7/23/2019	<0.0076	U		<0.0056	U		<0.01	U		<0.0059	U		<0.025	U		<0.0063	ND,UJ	UJ	<0.0042	U		<0.0073	U	
		VMP-32-10-102419	10/24/2019	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-32-10-012820	1/28/2020	<0.0085	U		<0.0062	U		<0.011	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.0081	U	
		VMP-32-10-042920	4/29/2020	<0.0086	U		<0.0063	U		<0.012	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0047	U		<0.0082	U	
	20 ft	VMP-32-20-072319	7/23/2019	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	ND,UJ	UJ	0.0014	J		<0.0078	U	
		VMP-32-20-012820	1/28/2020	<0.0085	U		<0.0062	U		<0.011	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.0081	U	
		VMP-32-20-042920	4/29/2020	<0.0087	U		<0.0064	U		<0.012	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U		<0.0083	U	
	30 ft	VMP-32-30-072319	7/23/2019	<0.0087	U		<0.0064	U		<0.012	U		<0.0067	U		<0.028	U		<0.0071	U		0.018			<0.0083	U	
		VMP-32-30-102419	10/24/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-32-30-012820	1/28/2020	<0.0091	U		<0.0066	U		<0.012	U		<0.007	U		<0.03	U		<0.0075	U		<0.005	U		<0.0087	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 tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dichlorobenzene		
				0.21			69			57000			0.11												290		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-42	10 ft	VMP-42-10-072319	7/23/2019	<0.0078	U		<0.0057	U		<0.01	U		0.0018	J		<0.026	U		<0.0064	ND,UJ	UJ	0.017			<0.0074	U	
		VMP-42-10-102119	10/21/2019	<0.007	U		<0.0052	U		<0.0095	U		<0.0055	U		<0.023	U		<0.0058	U		<0.0038	U		<0.0067	U	
		VMP-42-10-012720	1/27/2020	<0.0093	U		<0.0068	U		<0.013	U		<0.0072	U		<0.031	U	UJ	<0.0077	U		<0.0051	U		<0.0089	U	
		VMP-42-10-042920	4/29/2020	<0.0093	U		<0.0068	U		<0.012	U		<0.0072	U		<0.03	U		<0.0076	U		<0.0051	U		<0.0089	U	
	20 ft	VMP-42-20-072319	7/23/2019	<0.0076	U		<0.0056	U		<0.01	U		0.0038	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-42-20-102119	10/21/2019	<0.0078	U		<0.0057	U		<0.01	U		0.0091			<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-42-20-012720	1/27/2020	<0.0089	U		<0.0065	U		<0.012	U		0.008			<0.029	U	UJ	<0.0074	U		<0.0049	U		<0.0085	U	
		VMP-42-20-042920	4/29/2020	<0.0088	U		<0.0064	U		<0.012	U		0.0022	J		<0.029	U		<0.0072	U		<0.0048	U		<0.0084	U	
		VMP-42-20-042920-DUP	4/29/2020	<0.0081	U		<0.0059	U		<0.011	U		0.0022	J		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
	30 ft	VMP-42-30-072319	7/23/2019	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	U		0.0027	J		<0.0074	U	
		VMP-42-30-102119	10/21/2019	<0.0069	U		<0.0051	U		<0.0094	U		0.0028	J		<0.023	U		<0.0057	U		<0.0038	U		<0.0066	U	
		VMP-42-30-102119-DUP	10/21/2019	<0.0076	U		<0.0056	U		<0.01	U		0.0029	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-42-30-012720	1/27/2020	<0.009	U		<0.0066	U		<0.012	U		0.0033	J		<0.03	U	UJ	<0.0074	U		<0.0049	U		<0.0086	U	
		VMP-42-30-042920	4/29/2020	<0.0099	U		<0.0072	U		<0.013	U		0.0026	J		<0.032	U		<0.0082	U		<0.0054	U		<0.0095	U	
VMP-43	10 ft	VMP-43-10-080119	8/1/2019	<0.0075	U		<0.0055	U		<0.01	U		<0.0058	U		<0.024	U		<0.0062	ND,UJ	UJ	<0.0041	U		<0.0072	U	
		VMP-43-10-102119	10/21/2019	<0.0073	U		<0.0054	U		<0.0099	U		0.0068			<0.024	U		<0.006	U		<0.004	U		<0.007	U	
		VMP-43-10-012720	1/27/2020	<0.0075	U		<0.0055	U		<0.01	U		<0.0058	U		<0.025	U	UJ	<0.0062	U		<0.0041	U		<0.0072	U	
		VMP-43-10-043020	4/30/2020	<0.0085	U		<0.0062	U		<0.011	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.0081	U	
	20 ft	VMP-43-20-080119	8/1/2019	<0.0075	U		<0.0055	U		<0.01	U		<0.0058	U		<0.024	U		<0.0062	ND,UJ	UJ	<0.0041	U		<0.0072	U	
		VMP-43-20-102119	10/21/2019	<0.0078	U		<0.0057	U		<0.01	U		0.0039	J		<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-43-20-012720	1/27/2020	<0.0086	U		<0.0063	U		<0.012	U		<0.0067	U		<0.028	U	UJ	<0.0071	U		<0.0047	U		<0.0082	U	
		VMP-43-20-043020	4/30/2020	<0.0087	U		<0.0064	U		<0.012	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0048	U		<0.0083	U	
	30 ft	VMP-43-30-080119	8/1/2019	<0.0076	U		<0.0056	U		<0.01	U		<0.0059	U		<0.025	U		<0.0063	ND,UJ	UJ	<0.0042	U		<0.0073	U	
		VMP-43-30-102119	10/21/2019	<0.0078	U		<0.0057	U		<0.01	U		0.0021	J		<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-43-30-102119-DUP	10/21/2019	<0.0078	U		<0.0057	U		<0.01	U		0.0019	J		<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-43-30-012720	1/27/2020	<0.0082	U		<0.006	U		<0.011	U		<0.0064	U		<0.027	U	UJ	<0.0068	U		<0.0045	U		<0.0079	U	
		VMP-43-30-043020	4/30/2020	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
VMP-44	10 ft	VMP-44-10-072319	7/23/2019	<0.0085	U		<0.0062	U		<0.011	U		0.0018	J		<0.028	U		<0.007	U		<0.0046	U		<0.0081	U	
		VMP-44-10-102419	10/24/2019	<0.0072	U		<0.0053	U		<0.0098	U		0.0012	J		<0.024	U		<0.0059	U		<0.0039	U		<0.0069	U	
		VMP-44-10-012720	1/27/2020	<0.0093	U		<0.0068	U		<0.012	U		<0.0072	U		<0.03	U	UJ	<0.0076	U		<0.0051	U		<0.0089	U	
		VMP-44-10-043020	4/30/2020	<0.0073	U		<0.0054	U		<0.0099	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.007	U	
	20 ft	VMP-44-20-072319	7/23/2019	<0.0075	U		<0.0055	U		<0.01	U		0.0028	J		0.0022	J		<0.0062	ND,UJ	UJ	0.00074	J		<0.0072	U	
		VMP-44-20-102419	10/24/2019	<0.0073	U		<0.0054	U		<0.0099	U		0.0012	J		<0.024	U		<0.006	U		<0.004	U		<0.007	U	
		VMP-44-20-012720	1/27/2020	<0.009	U		<0.0066	U		<0.012	U		<0.007	U		<0.03	U	UJ	<0.0074	U		<0.0049	U		<0.0086	U	
		VMP-44-20-043020	4/30/2020	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
	30 ft	VMP-44-30-072319	7/23/2019	<0.0073	U		<0.0054	U		<0.0099	U		0.002	J		<0.024	U		<0.006	ND,UJ	UJ	<0.004	U		<0.007	U	
		VMP-44-30-102419	10/24/2019	<0.0069	U		<0.0051	U		<0.0094	U		0.0011	J		<0.023	U		<0.0057	U		<0.0038	U		<0.0066	U	
		VMP-44-30-012720	1/27/2020	<0.0076	U		<0.0055	U		<0.01	U		<0.0058	U		<0.025	U	UJ	<0.0062	U		<0.0041	U		<0.0072	U	
		VMP-44-30-012720-DUP	1/27/2020	<0.0077	U		<0.0056	U		<0.01	U		<0.006	U		<0.025	U	UJ	<0.0063	U		<0.0042	U		<0.0074	U	
		VMP-44-30-043020	4/30/2020	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
VMP-45	10 ft	VMP-45-10-080119	8/1/2019	<0.0079	U		<0.0058	U		<0.011	U		0.0014	J		<0.026	U		<0.0065	ND,UJ	UJ	<0.0043	U		<0.0076	U	
		VMP-45-10-111519R	11/15/2019	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	U		<0.0043	U		<0.0074	U	
		VMP-45-10-012720	1/27/2020	<0.0079	U		<0.0058	U		<0.011	U		<0.0061	U		<0.026	U	UJ	<0.0065	U		<0.0043	U		<0.0075	U	
		VMP-45-10-042720	4/27/2020	<0.0083	U		<0.0061	U		<0.011	U		<0.0065	U		<0.027	U		<0.0068	U		<0.0046	U		<0.008	U	
	20 ft	VMP-45-20-080119	8/1/2019	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	ND,UJ	UJ	<0.0044	U		<0.0078	U	
		VMP-45-20-102419	10/24/2019	<0.0072	U		<0.0053	U		<0.0098	U		<0.0056	U		<0.024	U		<0.0059	U		0.0035	J		<0.0069	U	
		VMP-45-20-012720	1/27/2020	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U	UJ	<0.0064	U		<0.0043	U		<0.0074	U	
		VMP-45-20-042720	4/27/2020	<0.0079	U		<0.0058	U		<0.011	U		<0.0061	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0075	U	
	30 ft	VMP-45-30-080119	8/1/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		0.0022	J		<0.0065	ND,UJ	UJ	<0.0043	U		<0.0076	U	
		VMP-45-30-102419	10/24/2019	<0.0075	U		<0.0055	U		<0.01	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0072	U	
		VMP-45-30-102419-DUP	10/24/2019	<0.0072	U		<0.0053	U		<0.0098	U		<0.0056	U		<0.024	U		<0.0059	U		<0.0039	U		<0.0069	U	
		VMP-45-30-012720	1/27/2020	<0.0087	U		<0.0064	U		<0.012	U		<0.0067	U		<0.028	U	UJ	<0.0071	U		<0.0048	U		<0.0083	U	
		VMP-45-30-042720	4/27/2020	<0.0074	U		<0.0054	U		<0.01	U		<0.0058	U		<0.024	U		<0.0061	U		<0.0041	U		<0.0071	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 tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dichlorobenzene		
				0.21			69			57000			0.11												290		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-47	5 ft	VMP-47-5-072619	7/26/2019	<0.0079	U		<0.0058	U		<0.011	U		0.0026	J		<0.026	U		<0.0065	U		<0.0043	U		<0.0075	U	
		VMP-47-5-102319	10/23/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-47-5-012920	1/29/2020	<0.0094	U		<0.0068	U		<0.013	U		0.011			<0.031	U		<0.0077	U		0.0027	J		<0.009	U	
		VMP-47-5-012920-DUP	1/29/2020	<0.0089	U		<0.0065	U		<0.012	U		0.012			<0.029	U		<0.0074	U		0.0088			<0.0085	U	
		VMP-47-5-042820	4/28/2020	<0.0089	U		<0.0065	U		<0.012	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U		<0.0085	U	
	10 ft	VMP-47-10-072619	7/26/2019	<0.008	U		<0.0059	U		<0.011	U		0.06			<0.026	U		<0.0066	ND,UJ	UJ	<0.0044	U		<0.0077	U	
		VMP-47-10-102319	10/23/2019	<0.0083	U		<0.0061	U		<0.011	U		0.032			<0.027	U		<0.0068	U		<0.0045	U		<0.0079	U	
		VMP-47-10-012920	1/29/2020	<0.0085	U		<0.0062	U		<0.012	U		0.026			<0.028	U		<0.007	U		<0.0047	U		<0.0081	U	
		VMP-47-10-042820	4/28/2020	<0.0087	U		<0.0064	U		<0.012	U		0.016			<0.028	U		<0.0071	U		<0.0048	U		<0.0083	U	
		VMP-47-10-042820-DUP	4/28/2020	<0.0089	U		<0.0065	U		<0.012	U		0.016			<0.029	U		<0.0073	U		<0.0048	U		<0.0085	U	
	20 ft	VMP-47-20-072619	7/26/2019	<0.0078	U		<0.0057	U		<0.01	U		0.0087			<0.026	U		<0.0064	ND,UJ	UJ	<0.0042	U		<0.0074	U	
		VMP-47-20-102319	10/23/2019	<0.0081	U		<0.0059	U		<0.011	U		0.0031	J		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
		VMP-47-20-012920	1/29/2020	<0.0082	U		<0.006	U		<0.011	U		0.014			<0.027	U		<0.0067	U		<0.0045	U		<0.0078	U	
		VMP-47-20-042820	4/28/2020	<0.0085	U		<0.0062	U		<0.011	U		0.0022	J		<0.028	U		<0.007	U		<0.0046	U		<0.0081	U	
	30 ft	VMP-47-30-072619	7/26/2019	<0.008	U		<0.0058	U		<0.011	U		0.018			<0.026	U		<0.0065	ND,UJ	UJ	<0.0044	U		<0.0076	U	
		VMP-47-30-102319	10/23/2019	<0.0085	U		<0.0062	U		<0.011	U		0.013			<0.028	U		<0.007	U		<0.0046	U		<0.0081	U	
		VMP-47-30-012920	1/29/2020	<0.0089	U		<0.0065	U		<0.012	U		0.0078			<0.029	U		<0.0074	U		<0.0049	U		<0.0085	U	
		VMP-47-30-042820	4/28/2020	<0.0084	U		<0.0062	U		<0.011	U		0.0056	J		<0.028	U		<0.0069	U		<0.0046	U		<0.008	U	
VMP-48	5 ft	VMP-48-5-072619	7/26/2019	<0.0081	U		<0.006	U		<0.011	U		0.0026	J		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
		VMP-48-5-102119	10/21/2019	<0.0079	U		<0.0058	U		<0.011	U		0.0014	J		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-48-5-012920	1/29/2020	<0.0091	U		<0.0066	U		<0.012	U		0.004	J		<0.03	U	UJ	<0.0075	U		<0.005	U		<0.0087	U	
		VMP-48-5-042420	4/24/2020	<0.0092	U		<0.0067	U		<0.012	U		0.0018	J		<0.03	U		<0.0076	U		<0.005	U		<0.0088	U	
	10 ft	VMP-48-10-072619	7/26/2019	<0.0077	U		<0.0056	U		<0.01	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-48-10-102119	10/21/2019	<0.0075	U		<0.0055	U		<0.01	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0072	U	
		VMP-48-10-012920	1/29/2020	<0.0092	U		<0.0067	U		<0.012	U		0.0021	J		<0.03	U		<0.0076	U		<0.005	U		<0.0088	U	
		VMP-48-10-042420	4/24/2020	<0.0086	U		<0.0063	U		<0.012	U		0.001	J		<0.028	U		<0.007	U		<0.0047	U		<0.0082	U	
	20 ft	VMP-48-20-102119	10/21/2019	<0.0075	U		<0.0055	U		<0.01	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0072	U	
	30 ft	VMP-48-30-072619	7/26/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0061	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0075	U	
		VMP-48-30-102119	10/21/2019	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		0.0015	J		<0.0078	U	
		VMP-48-30-012920	1/29/2020	<0.009	U		<0.0066	U		<0.012	U		<0.007	U		<0.03	U	UJ	<0.0074	U		<0.0049	U		<0.0086	U	
VMP-49	5 ft	VMP-49-5-072919	7/29/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-49-5-101819	10/18/2019	<0.0076	U		<0.0056	U		<0.01	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-49-5-012220	1/22/2020	<0.0077	U		<0.0056	U		<0.01	U		<0.006	U		<0.025	ND,UJ	UJ	<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-49-5-042920	4/29/2020	<0.0093	U		<0.0068	U		<0.012	U		<0.0072	U		<0.03	U		<0.0076	U		<0.0051	U		<0.0089	U	
	10 ft	VMP-49-10-072919	7/29/2019	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-49-10-101819	10/18/2019	<0.0075	U		<0.0055	U		<0.01	U		<0.0058	U		<0.025	U		<0.0062	U		<0.0041	U		<0.0072	U	
		VMP-49-10-012220	1/22/2020	<0.0091	U		<0.0067	U		<0.012	U		<0.0071	U		<0.03	ND,UJ	UJ	<0.0075	U		<0.005	U		<0.0087	U	
		VMP-49-10-042920	4/29/2020	<0.0077	U		<0.0057	U		<0.01	U		<0.006	U		<0.025	U		<0.0064	U		<0.0042	U		<0.0074	U	
	20 ft	VMP-49-20-072919	7/29/2019	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-49-20-101819	10/18/2019	<0.0087	U		<0.0064	U		<0.012	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U		<0.0083	U	
		VMP-49-20-012220	1/22/2020	<0.0084	U		<0.0061	U		<0.011	U		<0.0065	U		<0.028	ND,UJ	UJ	<0.0069	U		<0.0046	U		<0.008	U	
		VMP-49-20-042920	4/29/2020	<0.0077	U		<0.0057	U		<0.01	U		<0.006	U		<0.025	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-49-20-042920-DUP	4/29/2020	<0.0081	U		<0.006	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
	30 ft	VMP-49-30-072919	7/29/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-49-30-101819	10/18/2019	<0.0083	U		<0.0061	U		<0.011	U		0.001	J		<0.027	U		<0.0068	U		<0.0046	U		<0.008	U	
		VMP-49-30-012220	1/22/2020	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.026	ND,UJ	UJ	<0.0066	U		<0.0044	U		<0.0077	U	
		VMP-49-30-042920	4/29/2020	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
VMP-50	5 ft	VMP-50-5-073019	7/30/2019	<0.0074	U		<0.0054	U		<0.01	U		<0.0057	U		0.0021	J		<0.0061	U		<0.004	U		<0.0071	U	
		VMP-50-5-102319	10/23/2019	<0.0075	U		<0.0055	U		<0.01	U		<0.0058	U		<0.025	U		<0.0062	U		<0.0041	U		<0.0072	U	
		VMP-50-5-012820	1/28/2020	<0.0087	U		<0.0064	U		<0.012	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0048	U		<0.0083	U	
		VMP-50-5-042820	4/28/2020	<0.0083	U		<0.0061	U		<0.011	U		<0.0065	U		<0.027	U		<0.0068	U		0.0015	J		<0.008	U	
	10 ft	VMP-50-10-073019	7/30/2019	<0.0082	U		<0.006	U		<0.011	U		0.011			<0.027	U		<0.0068	U		<0.0045	U		<0.0078	U	
		VMP-50-10-102319	10/23/2019	<0.0077	U		<0.0057	U		<0.01	U		0.0018	J		<0.025	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-50-10-012820	1/28/2020	<0.0089	U		<0.0065	U		<0.012	U		0.0036	J		<0.029	U		<0.0073	U		<0.0048	U		<0.0085	U	
		VMP-50-10-042820	4/28/2020	<0.0087	U		<0.0064	U		<0.012	U		0.00097	J		<0.028	U		<0.0071	U		<0.0048	U		<0.0083	U	
	20 ft	VMP-50-20-073019	7/30/2019	<0.0086	U		<0.0063	U		<0.012	U		0.0041	J		<0.028	U		<0.0071	U		<0.0047	U		<0.0082	U	
		VMP-50-20-102319	10/23/2019	<0.0083	U		<0.0061	U		<0.011	U		0.0039	J		<0.027	U		<0.0068	U		<0.0045	U		<0.0079	U	
		VMP-50-20-012820	1/28/2020	<0.0087	U		<0.0064	U		<0.012	U		0.012			<0.028	U		<0.0071	U		<0.0048	U		<0.0083	U	
		VMP-50-20-042820	4/28/2020	<0.0081	U		<0.0059	U		<0.011	U		0.0036	J		<0.026	U		<0.0066	U		<0.0044	U		<0.0077	U	
	30 ft	VMP-50-30-073019	7/30/2019	<0.16	U		<0.12	U		<0.22	U		<0.12	U		<0.53	U		<0.13	U		4.1			<0.15	U	
		VMP-50-30-102319	10/23/2019	<0 08	U		<0.058	U		<0.11	U		<0.062	U		<0.1	U		<0.065	U		4.8			<0.076	U	
		VMP-50-30-012820	1/28/2020	<0.17	U		<0.12	U		<0.23	U		<0.13	U		<0.56	U		<0.14	U		1.1			<0.16	U	
		VMP-50-30-042820	4/28/2020	<0.11	U		<0.078	U		<0.14	U		<0.083	U		<0.35	U		<0.088	U		2.4			<0.1	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 tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dichlorobenzene		
				0.21			69			57000			0.11												290		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-51	5 ft	VMP-51-5-072419	7/24/2019	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	ND,UJ	UJ	<0.0044	U		<0.0078	U	
		VMP-51-5-102519	10/25/2019	<0.0083	U		<0.0061	U		<0.011	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.0079	U	
		VMP-51-5-012820	1/28/2020	<0.0089	U		<0.0065	U		<0.012	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U		<0.0085	U	
		VMP-51-5-012820-DUP	1/28/2020	<0.0087	U		<0.0064	U		<0.012	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0048	U		<0.0083	U	
		VMP-51-5-042720	4/27/2020	<0.0076	U		<0.0055	U		<0.01	U		<0.0058	U		<0.025	U		<0.0062	U		<0.0041	U		<0.0072	U	
	10 ft	VMP-51-10-072419	7/24/2019	<0.0075	U		<0.0055	U		<0.01	U		0.0016	J		<0.024	U		<0.0062	ND,UJ	UJ	<0.0041	U		<0.0072	U	
		VMP-51-10-102519	10/25/2019	<0.0077	U		<0.0056	U		<0.01	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-51-10-012820	1/28/2020	<0.0087	U		<0.0064	U		<0.012	U		0.0033	J		<0.028	U		<0.0071	U		<0.0048	U		<0.0083	U	
		VMP-51-10-042720	4/27/2020	<0.0081	U		<0.006	U		<0.011	U		0.003	J		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
	20 ft	VMP-51-20-072419	7/24/2019	<0.0081	U		<0.0059	U		<0.011	U		0.0014	J		<0.027	U		<0.0067	ND,UJ	UJ	<0.0044	U		<0.0078	U	
		VMP-51-20-102519	10/25/2019	<0.0079	U		<0.0058	U		<0.011	U		0.0014	J		<0.026	U		<0.0065	U		<0.0043	U		<0.0075	U	
		VMP-51-20-022120	2/21/2020	<0.0075	U		<0.0055	U		<0.01	U		0.002	J		<0.024	U		<0.0062	U		<0.0041	U		<0.0072	U	
		VMP-51-20-042720	4/27/2020	<0.0083	U		<0.006	U		<0.011	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.0079	U	
	30 ft	VMP-51-30-072419	7/24/2019	<0.0073	U		<0.0054	U		<0.0099	U		0.0019	J		<0.024	U		<0.006	ND,UJ	UJ	<0.004	U		<0.007	U	
		VMP-51-30-102519	10/25/2019	<0.0077	U		<0.0056	U		<0.01	U		0.0022	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-51-30-102519-DUP	10/25/2019	<0.0079	U		<0.0058	U		<0.011	U		0.0021	J		<0.026	U		<0.0065	U		<0.0043	U		<0.0075	U	
		VMP-51-30-012820	1/28/2020	<0.0085	U		<0.0062	U		<0.011	U		0.0013	J		<0.028	U		<0.007	U		<0.0046	U		<0.0081	U	
		VMP-51-30-042720	4/27/2020	<0.0074	U		<0.0054	U		<0.01	U		0.0013	J		<0.024	U		<0.006	U		<0.004	U		<0.007	U	
VMP-52	5 ft	VMP-52-5-072619	7/26/2019	<0.008	U		<0.0059	U		<0.011	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0077	U	
		VMP-52-5-072619-DUP	7/26/2019	<0.0078	U		<0.0057	U		<0.011	U		<0.0061	U		<0.026	U		<0.0064	U		<0.0043	U		<0.0075	U	
		VMP-52-5-102219	10/22/2019	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
		VMP-52-5-012320	1/23/2020	<0.0092	U		<0.0067	U		<0.012	U		<0.0071	U		<0.03	U		<0.0076	U		<0.005	U		<0.0088	U	
		VMP-52-5-042720	4/27/2020	<0.0073	U		<0.0053	U		<0.0099	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.007	U	
	10 ft	VMP-52-10-072619	7/26/2019	<0.008	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0076	U	
		VMP-52-10-102219	10/22/2019	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-52-10-042720	4/27/2020	<0.0076	U		<0.0056	U		<0.01	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
	20 ft	VMP-52-20-072219	7/22/2019	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
		VMP-52-20-102219	10/22/2019	<0.0078	U		<0.0057	U		<0.01	U		0.0018	J		<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-52-20-012320	1/23/2020	<0.0077	U		<0.0056	U		<0.01	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-52-20-042720	4/27/2020	<0.0081	U		<0.006	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
	30 ft	VMP-52-30-072219	7/22/2019	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-52-30-102219	10/22/2019	<0.0076	U		<0.0056	U		<0.01	U		0.0015	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-52-30-102219-DUP	10/22/2019	<0.0079	U		<0.0058	U		<0.011	U		0.0013	J		<0.026	U		<0.0065	U		0.0019	J		<0.0076	U	
		VMP-52-30-012320	1/23/2020	<0.0087	U		<0.0064	U		<0.012	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U		<0.0084	U	
		VMP-52-30-042720	4/27/2020	<0.0078	U		<0.0057	U		<0.01	U		0.0014	J		<0.026	U		<0.0064	U		<0.0043	U		<0.0074	U	
		VMP-52-30-042720-DUP	4/27/2020	<0.0079	U		<0.0058	U		<0.011	U		0.0012	J		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
VMP-53	5 ft	VMP-53-5-071919	7/19/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0061	U		<0.026	U		<0.0065	U		0.0027	J		<0.0075	U	
		VMP-53-5-101819	10/18/2019	<0.0074	U		<0.0054	U		<0.01	U		<0.0057	U		<0.024	U		<0.0061	U		<0.004	U		<0.0071	U	
		VMP-53-5-012220	1/22/2020	<0.0089	U		<0.0065	U		<0.012	U		<0.0069	U		<0.029	ND,UJ	UJ	<0.0073	U		<0.0048	U		<0.0085	U	
		VMP-53-5-042220	4/22/2020	<0.008	U		<0.0059	U		<0.011	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0077	U	
	10 ft	VMP-53-10-071919	7/19/2019	<0.0081	U		<0.0059	U		<0.011	U		0.0018	J		<0.026	U		<0.0066	U		<0.0044	U		<0.0077	U	
		VMP-53-10-101819	10/18/2019	<0.0086	U		<0.0063	U		<0.012	U		0.0013	J		<0.028	U		<0.0071	U		<0.0047	U		<0.0083	U	
		VMP-53-10-012220	1/22/2020	<0.0074	U		<0.0054	U		<0.01	U		<0.0057	U		<0.024	ND,UJ	UJ	<0.0061	U		<0.004	U		<0.0071	U	
		VMP-53-10-042220	4/22/2020	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
	20 ft	VMP-53-20-071919	7/19/2019	<0.0083	U		<0.006	U		<0.011	U		<0.0064	U		0.0036	J		<0.0068	U		<0.0045	U		<0.0079	U	
		VMP-53-20-101819	10/18/2019	<0.0077	U		<0.0057	U		<0.01	U		<0.006	U		<0.025	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-53-20-012220	1/22/2020	<0.0079	U		<0.0058	U		<0.011	U		<0.0061	U		<0.026	ND,UJ	UJ	<0.0065	U		<0.0043	U		<0.0075	U	
		VMP-53-20-042220	4/22/2020	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
	30 ft	VMP-53-30-071919	7/19/2019	<0.0082	U		<0.006	U		<0.011	U		0.0038	J		<0.027	U		<0.0067	U		<0.0045	U		<0.0078	U	
		VMP-53-30-101819	10/18/2019	<0.0074	U		<0.0054	U		<0.01	U		<0.0057	U		<0.024	U		<0.0061	U		<0.004	U		<0.0071	U	
		VMP-53-30-101819-DUP	10/18/2019	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-53-30-012220	1/22/2020	<0.0081	U		<0.006	U		<0.011	U		<0.0063	U		<0.027	ND,UJ	UJ	<0.0067	U		0.003	J		<0.0078	U	
		VMP-53-30-012220-DUP	1/22/2020	<0.0083	U		<0.006	U		<0.011	U		<0.0064	U		<0.027	ND,UJ	UJ	<0.0068	U		<0.0045	U		<0.0079	U	
		VMP-53-30-042220	4/22/2020	<0.0085	U		<0.0062	U		<0.011	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.0081	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 tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dichlorobenzene		
				0.21			69			57000			0.11												290		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-54	5 ft	VMP-54-5-072219	7/22/2019	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-54-5-102219	10/22/2019	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
		VMP-54-5-012220	1/22/2020	<0 01	U		<0.0077	U		<0.014	U		<0.0082	U		<0.034	U		<0.0087	U		<0.0058	U		<0.01	U	
		VMP-54-5-042720	4/27/2020	<0.0083	U		<0.0061	U		<0.011	U		0.0016	J		<0.027	U		<0.0068	U		<0.0045	U		<0.0079	U	
		VMP-54-5-052120	5/21/2020	<0.0076	U		<0.0056	U		<0.01	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
	10 ft	VMP-54-10-072219	7/22/2019	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-54-10-102219	10/22/2019	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-54-10-031220	3/12/2020	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	U		<0.0043	U		<0.0074	U	
		VMP-54-10-042720	4/27/2020	<0.0085	U		<0.0062	U		<0.011	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.0081	U	
	20 ft	VMP-54-20-072219	7/22/2019	<0.0075	U		<0.0055	U		<0.01	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0072	U	
		VMP-54-20-102219	10/22/2019	<0.0083	U		<0.0061	U		<0.011	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.0079	U	
		VMP-54-20-012220	1/22/2020	<0.0081	U		<0.006	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
		VMP-54-20-042720	4/27/2020	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
	30 ft	VMP-54-30-072219	7/22/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-54-30-102219	10/22/2019	<0.0091	U		<0.0066	U		<0.012	U		<0.007	U		<0.03	U		<0.0075	U		<0.005	U		<0.0087	U	
		VMP-54-30-012220	1/22/2020	<0.0095	U		<0.007	U		<0.013	U		<0.0074	U		<0.031	U		<0.0078	U		<0.0052	U		<0.0091	U	
		VMP-54-30-042720	4/27/2020	<0.0083	U		<0.0061	U		<0.011	U		0.0045	J		<0.027	U		<0.0068	U		<0.0045	U		<0.0079	U	
VMP-56	10 ft	VMP-56-10-072319	7/23/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		0.0023	J		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-56-10-102119	10/21/2019	<0.0069	U		<0.0051	U		<0.0094	U		0.00084	J		<0.023	U		<0.0057	U		<0.0038	U		<0.0066	U	
		VMP-56-10-012220	1/22/2020	<0.0089	U		<0.0065	U		<0.012	U		<0.0069	U		<0.029	ND,UJ	UJ	<0.0073	U		<0.0049	U		<0.0085	U	
		VMP-56-10-042420	4/24/2020	<0.0082	U		<0.006	U		<0.011	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.0079	U	
	25 ft	VMP-56-25-072319	7/23/2019	<0.0076	U		<0.0056	U		<0.01	U		0.0017	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-56-25-102119	10/21/2019	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		0.0028	J		<0.0078	U	
		VMP-56-25-012220	1/22/2020	<0.0081	U		<0.006	U		<0.011	U		<0.0063	U		<0.027	ND,UJ	UJ	<0.0067	U		<0.0044	U		<0.0078	U	
		VMP-56-25-042420	4/24/2020	<0.0086	U		<0.0063	U		<0.012	U		0.0014	J		<0.028	U		<0.0071	U		<0.0047	U		<0.0083	U	
VMP-62	5 ft	VMP-62-5-072919	7/29/2019	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
		VMP-62-5-102319	10/23/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-62-5-012920	1/29/2020	<0.0076	U		<0.0055	U		<0.01	U		<0.0059	U		<0.025	U		<0.0062	U		<0.0041	U		<0.0072	U	
		VMP-62-5-042820	4/28/2020	<0.0085	U		<0.0062	U		<0.012	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.0081	U	
	10 ft	VMP-62-10-072919	7/29/2019	<0.0073	U		<0.0054	U		<0.0099	U		0.021			<0.024	U		<0.006	U		<0.004	U		<0.007	U	
		VMP-62-10-072919-DUP	7/29/2019	<0.0078	U		<0.0057	U		<0.01	U		0.021			<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-62-10-102319	10/23/2019	<0.0081	U		<0.0059	U		<0.011	U		0.014			<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
		VMP-62-10-012920	1/29/2020	<0.008	U		<0.0059	U		<0.011	U		0.014			<0.026	U	UJ	<0.0066	U		<0.0044	U		<0.0077	U	
		VMP-62-10-042820	4/28/2020	<0.0094	U		<0.0069	U		<0.013	U		0.036			<0.031	U		<0.0077	U		<0.0051	U		<0.009	U	
	20 ft	VMP-62-20-072919	7/29/2019	<0.0076	U		<0.0056	U		<0.01	U		0.095			<0.025	U		<0.0063	U		<0.0042	U		<0.0073	U	
		VMP-62-20-102319	10/23/2019	<0.0078	U		<0.0057	U		<0.01	U		0.026			<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-62-20-012920	1/29/2020	<0.009	U		<0.0066	U		<0.012	U		0.0084			<0.03	U		<0.0074	U		<0.0049	U		<0.0086	U	
		VMP-62-20-042820	4/28/2020	<0.0086	U		<0.0063	U		<0.012	U		0.041			<0.028	U		<0.007	U		<0.0047	U		<0.0082	U	
		VMP-62-20-042820-DUP	4/28/2020	<0.0086	U		<0.0063	U		<0.012	U		0.04			<0.028	U		<0.0071	U		<0.0047	U		<0.0082	U	
	30 ft	VMP-62-30-072919	7/29/2019	<0.0072	U		<0.0053	U		<0.0098	U		0.0078			<0.024	U		<0.0059	U		<0.0039	U		<0.0069	U	
		VMP-62-30-102319	10/23/2019	<0.0085	U		<0.0062	U		<0.011	U		0.0032	J		<0.028	U		<0.007	U		<0.0046	U		<0.0081	U	
		VMP-62-30-012920	1/29/2020	<0.0085	U		<0.0062	U		<0.011	U		0.0088			<0.028	U	UJ	<0.007	U		<0.0046	U		<0.0081	U	
		VMP-62-30-042820	4/28/2020	<0.0091	U		<0.0066	U		<0.012	U		0.0035	J		<0.03	U		<0.0075	U		<0.005	U		<0.0087	U	
VMP-63	5 ft	VMP-63-5-072319	7/23/2019	<0.0085	U		<0.0062	U		<0.011	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.0081	U	
		VMP-63-5-102419	10/24/2019	<0.0073	U		<0.0054	U		<0.0099	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.007	U	
		VMP-63-5-102419-DUP	10/24/2019	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-63-5-012720	1/27/2020	<0.0085	U		<0.0062	U		<0.011	U		<0.0066	U		<0.028	U	UJ	<0.007	U		<0.0046	U		<0.0081	U	
		VMP-63-5-012720-DUP	1/27/2020	<0.009	U		<0.0066	U		<0.012	U		<0.007	U		<0.029	U	UJ	<0.0074	U		<0.0049	U		<0.0086	U	
		VMP-63-5-042420	4/24/2020	<0.0076	U		<0.0055	U		<0.01	U		<0.0058	U		<0.025	U		<0.0062	U		<0.0041	U		<0.0072	U	
	10 ft	VMP-63-10-072319	7/23/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-63-10-102419	10/24/2019	<0.0072	U		<0.0053	U		<0.0098	U		<0.0056	U		<0.024	U		<0.0059	U		<0.0039	U		<0.0069	U	
		VMP-63-10-012720	1/27/2020	<0.0076	U		<0.0055	U		<0.01	U		<0.0059	U		<0.025	U		<0.0062	U		<0.0041	U		<0.0072	U	
		VMP-63-10-042420	4/24/2020	<0.0085	U		<0.0062	U		<0.011	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.0081	U	
	20 ft	VMP-63-20-072319	7/23/2019	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	ND,UJ	UJ	<0.0042	U		<0.0074	U	
		VMP-63-20-102419	10/24/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-63-20-012720	1/27/2020	<0.0086	U		<0.0063	U		<0.012	U		<0.0067	U		<0.028	U	UJ	<0.0071	U		<0.0047	U		<0.0082	U	
		VMP-63-20-042420	4/24/2020	<0.0076	U		<0.0055	U		<0.01	U		<0.0058	U		<0.025	U		<0.0062	U		<0.0041	U		<0.0072	U	
	30 ft	VMP-63-30-072319	7/23/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	ND,UJ	UJ	<0.0043	U		<0.0076	U	
		VMP-63-30-102419	10/24/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-63-30-012720	1/27/2020	<0.0086	U		<0.0063	U		<0.012	U		<0.0067	U		<0.028	U	UJ	<0.0071	U		<0.0047	U		<0.0083	U	
		VMP-63-30-042420	4/24/2020	<0.008	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0076	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 tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dichlorobenzene		
				0.21			69			57000			0.11												290		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-64	5 ft	VMP-64-5-072519	7/25/2019	<0.0074	U		<0.0054	U		<0.01	U		<0.0057	U		<0.024	U		<0.0061	ND,UJ	UJ	<0.004	U		<0.0071	U	
		VMP-64-5-072519-DUP	7/25/2019	<0.0077	U		<0.0057	U		<0.01	U		<0.006	U		<0.025	U		<0.0064	ND,UJ	UJ	<0.0042	U		<0.0074	U	
		VMP-64-5-102319	10/23/2019	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0074	U	
		VMP-64-5-012820	1/28/2020	<0.0086	U		<0.0063	U		<0.012	U		0.0012	J		<0.028	U		<0.007	U		<0.0047	U		<0.0082	U	
		VMP-64-5-042420	4/24/2020	<0.008	U		<0.0059	U		<0.011	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0077	U	
	10 ft	VMP-64-10-072519	7/25/2019	<0.0078	U		<0.0057	U		<0.01	U		<0.006	U		<0.026	U		<0.0064	ND,UJ	UJ	<0.0043	U		<0.0074	U	
		VMP-64-10-102319	10/23/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0076	U	
		VMP-64-10-012820	1/28/2020	<0.0085	U		<0.0062	U		<0.011	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.0081	U	
		VMP-64-10-042420	4/24/2020	<0.0072	U		<0.0052	U		<0.0097	U		<0.0056	U		<0.024	U		<0.0059	U		<0.0039	U		<0.0068	U	
	20 ft	VMP-64-20-072519	7/25/2019	<0.0082	U		<0.006	U		<0.011	U		0.0016	J		<0.027	U		<0.0067	ND,UJ	UJ	<0.0045	U		<0.0078	U	
		VMP-64-20-102319	10/23/2019	<0.0081	U		<0.0059	U		<0.011	U		0.0013	J		<0.027	U		<0.0067	U		<0.0044	U		<0.0078	U	
		VMP-64-20-012820	1/28/2020	<0.0091	U		<0.0066	U		<0.012	U		0.0011	J		<0.03	U		<0.0075	U		<0.005	U		<0.0087	U	
		VMP-64-20-042420	4/24/2020	<0.0079	U		<0.0058	U		<0.011	U		0.00064	J		<0.026	U		<0.0065	U		<0.0043	U		<0.0075	U	
		VMP-64-20-042420-DUP	4/24/2020	<0.0077	U		<0.0056	U		<0.01	U		0.00066	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0074	U	

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

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane		
							1200			270			690			0.099			1100000			5.6			0.31		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-1-5-072319	7/23/2019	<0.0081	U		<0.0081	U		0.0026	J		<0.0054	U		0.0021	J		<0.0053	U		<0.047	U		<0.0062	U	
		VMP-1-5-102419	10/24/2019	<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U		0.0014	J		<0.005	U		<0.044	U		<0.0058	U	
		VMP-1-5-012720	1/27/2020	<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-1-5-042420	4/24/2020	<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.0061	U	
	8.5 ft	VMP-1-8.5-072319	7/23/2019	<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-1-8.5-102419	10/24/2019	<0.017	U		<0.017	U		0.0018	J		<0.011	U		<0.011	U		0.0049	J		<0.097	U		<0.013	U	
		VMP-1-8.5-102419-DUP	10/24/2019	<0.0076	J	U	<0.0076	U		0.0024	J		<0.0051	U		0.00072	J		<0.005	U		<0.044	U		<0.0058	U	
		VMP-1-8.5-111519R	11/15/2019	<0.0076	U		<0.0076	U		<0.0063	U		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0059	U	
		VMP-1-8.5-012720	1/27/2020	<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U		<0.05	U		<0.0066	U	
		VMP-1-8.5-042420	4/24/2020	<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
	23.5 ft	VMP-1-23.5-072319	7/23/2019	<0.0081	U		<0.0081	U		0.0024	J		<0.0054	U		0.0024	J		<0.0053	U		<0.047	U		<0.0062	U	
		VMP-1-23.5-102419	10/24/2019	<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-1-23.5-012720	1/27/2020	<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-1-23.5-042420	4/24/2020	<0.0071	U		<0.0071	U		0.0023	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
	38.5 ft	VMP-1-38.5-012720	1/27/2020	<0.0077	U		<0.0077	U		<0.0063	U		<0.0052	U		<0.0052	U		<0.005	U		<0.044	U		<0.0059	U	
VMP-2	5 ft	VMP-2-5-072519	7/25/2019	<0.007	U		<0.007	U		0.0028	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.04	U		<0.0054	U	
		VMP-2-5-102119	10/21/2019	<0.007	U		<0.007	U		0.0035	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.04	U		<0.0054	U	
		VMP-2-5-012420	1/24/2020	<0.008	U		<0.008	U		<0.0066	U		<0.0054	U		<0.0054	U		<0.0052	U		<0.046	U		<0.0061	U	
		VMP-2-5-042420	4/24/2020	<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.046	U		<0.0061	U	
	8.5 ft	VMP-2-8.5-072519	7/25/2019	<0.008	U		<0.008	U		0.0032	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.046	U		<0.0062	U	
		VMP-2-8.5-102119	10/21/2019	<0.0072	U		<0.0072	U		0.0028	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
		VMP-2-8.5-012420	1/24/2020	<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U		<0.0055	U		<0.048	U		<0.0064	U	
		VMP-2-8.5-042420	4/24/2020	<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.0061	U	
	22 ft	VMP-2-22-072519	7/25/2019	<0.0074	U		<0.0074	U		0.0055	J		<0.005	U		<0.005	U		<0.0048	U		<0.042	U		<0.0057	U	
		VMP-2-22-102119	10/21/2019	<0.0073	U		<0.0073	U		0.0038	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-2-22-012420	1/24/2020	<0.0084	U		<0.0084	U		<0.0069	U		<0.0056	U		<0.0056	U		<0.0055	U		<0.048	U		<0.0064	U	
		VMP-2-22-042420	4/24/2020	<0.0085	U		<0.0085	U		0.0023	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0065	U	
		VMP-2-22-042420-DUP	4/24/2020	<0.0085	U		<0.0085	U		0.0026	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0065	U	
VMP-3	5 ft	VMP-3-5-072519	7/25/2019	<0.0075	U		<0.0075	U		0.0022	J		<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U	
		VMP-3-5-101819	10/18/2019	<0.0075	J	U	<0.0075	U		0.0023	J		<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U	
		VMP-3-5-012720	1/27/2020	<0 01	U		<0.01	U		<0.0084	U		<0.0069	U		<0.0069	U		<0.0068	U		<0.059	U		<0.0079	U	
		VMP-3-5-012720-DUP	1/27/2020	<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U		<0.0054	U		<0.048	U		<0.0063	U	
		VMP-3-5-042920	4/29/2020	<0.0081	U		<0.0081	U		0.0024	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.047	U		<0.0062	U	
	10 ft	VMP-3-10-072519	7/25/2019	<0.0075	U		<0.0075	U		0.0025	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-3-10-072519-DUP	7/25/2019	<0.0091	U		<0.0091	U		0.0021	J		<0.0062	U		<0.0062	U		<0.006	U		<0.053	U		<0.007	U	
		VMP-3-10-101819	10/18/2019	<0.0089	U		<0.0089	U		0.0022	J		<0.006	U		<0.006	U		<0.0059	U		<0.051	U		<0.0068	U	
		VMP-3-10-022120	2/21/2020	<0.0069	U		<0.0069	U		0.0031	J		<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U	
	22 ft	VMP-3-22-072519	7/25/2019	<0.0075	U		<0.0075	U		0.002	J		<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U	
		VMP-3-22-101819	10/18/2019	<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-3-22-012720	1/27/2020	<0.0078	U		<0.0078	U		0.0033	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-3-22-042920	4/29/2020	<0.0086	U		<0.0086	U		0.0022	J		<0.0058	U		<0.0058	U		<0.0057	U		<0.05	U		<0.0066	U	
	31.5 ft	VMP-3-31.5-072519	7/25/2019	<0.0079	U		<0.0079	U		0.0021	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.006	U	
		VMP-3-31.5-101819	10/18/2019	<22	U		<22	U		<18	U		<15	U		<15	U		<14	U		8.3	J		<17	U	
		VMP-3-31.5-101819-DUP	10/18/2019	<21	U		<21	U		<18	U		<14	U		<14	U		<14	U		6.6	J		<16	U	
		VMP-3-31.5-022120	2/21/2020	<0.071	U		<0.071	U		<0.058	U		<0.048	U		<0.048	U		<0.046	U		<0.41	U		<0.054	U	
		VMP-3-31.5-042920	4/29/2020	<1.9	U		<1.9	U		<1.6	U		<1.3	U		<1 3	U		<1.3	U		<4.5	U		<1.5	U	
VMP-4	5 ft	VMP-4-5-072519	7/25/2019	<0.0075	U		<0.0075	U		0.0023	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-4-5-102119	10/21/2019	<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-4-5-012320	1/23/2020	<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-4-5-042820	4/28/2020	<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
	12 ft	VMP-4-12-072519	7/25/2019	<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U		<0.0048	U		<0.042	U		<0.0057	U	
		VMP-4-12-102119	10/21/2019	<0.0076	U		<0.0076	U		0.0029	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-4-12-012320	1/23/2020	<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-4-12-042820	4/28/2020	<0.0081	U		<0.0081	U		0.0026	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.047	U		<0.0062	U	
	23.5 ft	VMP-4-23.5-072519	7/25/2019	<0.0076	U		<0.0076	U		0.0021	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0059	U	
		VMP-4-23.5-102119	10/21/2019	<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-4-23.5-012320	1/23/2020	<0.0081	U		<0.0081	U		<0.0066	U		<0.0054	U		<0.0054	U		<0.0053	U		<0.047	U		<0.0062	U	
		VMP-4-23.5-042820	4/28/2020	<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.0061	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane		
							1200			270			690			0.099			1100000			5.6			0.31		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-5-5-072419	7/24/2019	<0.0073	U		<0.0073	U		0.0019	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-5-5-072419-DUP	7/24/2019	<0.0072	U		<0.0072	U		0.002	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
		VMP-5-5-102119	10/21/2019	<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-5-5-012820	1/28/2020	<0.0068	U		<0.0068	U		0.003	J		<0.0046	U		<0.0046	U		<0.0045	U		<0.039	U		<0.0052	U	
		VMP-5-5-042720	4/27/2020	<0.0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
	12.5 ft	VMP-5-12.5-072419	7/24/2019	<0.0076	U		<0.0076	U		0.0016	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-5-12.5-102119	10/21/2019	<0.0067	U		<0.0067	U		<0.0055	U		<0.0045	U		<0.0045	U		<0.0044	U		<0.039	U		<0.0052	U	
		VMP-5-12.5-012820	1/28/2020	<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.0061	U	
		VMP-5-12.5-042720	4/27/2020	<0.0073	U		<0.0073	U		0.002	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
	31 ft	VMP-5-31-072419	7/24/2019	<0.0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
		VMP-5-31-102119	10/21/2019	<0.0087	U		<0.0087	U		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U		<0.05	U		<0.0067	U	
		VMP-5-31-012820	1/28/2020	<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0059	U	
		VMP-5-31-042720	4/27/2020	<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0059	U	
VMP-6	5 ft	VMP-6-5-072219	7/22/2019	<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0065	U	
		VMP-6-5-102519	10/25/2019	<0.0073	U		<0.0073	U		0.002	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-6-5-012320	1/23/2020	<0.0087	U		<0.0087	U		0.0037	J		<0.0059	U		<0.0059	U		<0.0057	U		<0.05	U		<0.0067	U	
		VMP-6-5-042720	4/27/2020	<0.0081	U		<0.0081	U		0.0019	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.047	U		<0.0062	U	
	10 ft	VMP-6-10-072219	7/22/2019	<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-6-10-102519	10/25/2019	<0.0076	U		<0.0076	U		0.0018	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-6-10-012320	1/23/2020	<0.0078	U		<0.0078	U		0.0026	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.045	U		<0.006	U	
		VMP-6-10-042720	4/27/2020	<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
	31.5 ft	VMP-6-31.5-072219	7/22/2019	<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.0061	U	
		VMP-6-31.5-102519	10/25/2019	<0.0076	U		<0.0076	U		0.002	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0059	U	
		VMP-6-31.5-022120	2/21/2020	<0.0068	U		<0.0068	U		0.0028	J		<0.0046	U		<0.0046	U		<0.0045	U		<0.039	U		<0.0052	U	
		VMP-6-31.5-042720	4/27/2020	<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.048	U		<0.0064	U	
VMP-7	5 ft	VMP-7-5-072319	7/23/2019	0.002	J		0.0022	J		0.0021	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-7-5-072319-DUP	7/23/2019	<0.0067	U		<0.0067	U		0.0022	J		<0.0045	U		<0.0045	U		<0.0044	U		<0.039	U		<0.0052	U	
		VMP-7-5-102419	10/24/2019	<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
		VMP-7-5-012720	1/27/2020	<0.0077	U		<0.0077	U		<0.0064	U		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.0059	U	
		VMP-7-5-042720	4/27/2020	<0.0085	U		<0.0085	U		0.0021	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0065	U	
	13.5 ft	VMP-7-13.5-072319	7/23/2019	<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-7-13.5-102419	10/24/2019	<0.0069	U		<0.0069	U		0.0022	J		<0.0046	U		<0.0046	U		<0.0045	U		<0.04	U		<0.0053	U	
		VMP-7-13.5-012720	1/27/2020	<0.0073	U		<0.0073	U		0.0038	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-7-13.5-042720	4/27/2020	<0.0085	J	U	<0.0085	J	U	0.0027	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0065	U	
	29.5 ft	VMP-7-29.5-072319	7/23/2019	<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-7-29.5-102419	10/24/2019	<0.0067	U		<0.0067	U		0.0022	J		<0.0045	U		<0.0045	U		<0.0044	U		<0.039	U		<0.0052	U	
		VMP-7-29.5-102419-DUP	10/24/2019	<0.0067	U		<0.0067	U		0.0022	J		<0.0045	U		<0.0045	U		<0.0044	U		<0.039	U		<0.0052	U	
		VMP-7-29.5-012720	1/27/2020	<0.0074	U		<0.0074	U		0.0031	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-7-29.5-012720-DUP	1/27/2020	<0.0075	U		<0.0075	U		<0.0062	U		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-7-29.5-042720	4/27/2020	<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.048	U		<0.0064	U	
VMP-8	5 ft	VMP-8-5-072219	7/22/2019	<0.0069	U		<0.0069	U		<0.0057	U		<0.0046	U		<0.0046	U		<0.0045	U		<0.04	U		<0.0053	U	
		VMP-8-5-101819	10/18/2019	<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-8-5-012220	1/22/2020	<0.0084	U		<0.0084	U		<0.0069	U		<0.0056	U		<0.0056	U		<0.0055	U		<0.048	U		<0.0064	U	
		VMP-8-5-012220-DUP	1/22/2020	<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0066	U	
		VMP-8-5-042220	4/22/2020	<0.0078	U		<0.0078	U		0.0021	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
	9.5 ft	VMP-8-9.5-072219	7/22/2019	<0.007	U		<0.007	U		<0.0058	U		<0.0047	U		<0.0047	U		<0.0046	U		<0.04	U		<0.0054	U	
		VMP-8-9.5-101819	10/18/2019	<0.0072	U		<0.0072	U		0.0021	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.042	U		<0.0055	U	
		VMP-8-9.5-012220	1/22/2020	<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U		<0.0054	U		<0.048	U		<0.0064	U	
		VMP-8-9.5-042220	4/22/2020	<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
	23.5 ft	VMP-8-23.5-072219	7/22/2019	<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-8-23.5-101819	10/18/2019	<0.0076	U		<0.0076	U		0.0021	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-8-23.5-012220	1/22/2020	<0.008	U		<0.008	U		<0.0066	U		<0.0054	U		<0.0054	U		<0.0052	U		<0.046	U		<0.0061	U	
		VMP-8-23.5-042220	4/22/2020	<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
	35.5 ft	VMP-8-35.5-072219	7/22/2019	<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-8-35.5-072219-DUP	7/22/2019	<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-8-35.5-101819	10/18/2019	<0.0071	U		<0.0071	U		0.0023	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
		VMP-8-35.5-012220	1/22/2020	<0.0081	U		<0.0081	U		<0.0067	U		<0.0055	U		<0.0055	U		<0.0054	U		<0.047	U		<0.0062	U	
		VMP-8-35.5-042220	4/22/2020	<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	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	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane		
							1200			270			690			0.099			1100000			5.6			0.31		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-9	5 ft	VMP-9-5-071919	7/19/2019	<0.0074	U		<0.0074	U		0.0021	J		<0.005	U		<0.005	U		<0.0048	U		<0.042	U		<0.0057	U	
		VMP-9-5-102519	10/25/2019	<0.0075	U		<0.0075	U		0.0018	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0058	U	
		VMP-9-5-012220	1/22/2020	<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.042	U		<0.0055	U	
		VMP-9-5-042220	4/22/2020	<0.0076	U		<0.0076	U		0.002	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
	11.5 ft	VMP-9-11.5-071919	7/19/2019	<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-9-11.5-102519	10/25/2019	<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.006	U	
		VMP-9-11.5-012220	1/22/2020	<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-9-11.5-042220	4/22/2020	<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.0061	U	
	25.5 ft	VMP-9-25.5-071919	7/19/2019	<0.0075	U		<0.0075	U		0.0024	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-9-25.5-071919-DUP	7/19/2019	<0.0081	U		<0.0081	U		0.0021	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.047	U		<0.0062	U	
		VMP-9-25.5-102519	10/25/2019	<0.0082	U		<0.0082	U		0.0025	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.047	U		<0.0063	U	
		VMP-9-25.5-012220	1/22/2020	<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-9-25.5-042220	4/22/2020	<0.007	U		<0.007	U		0.0021	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.04	U		<0.0054	U	
		VMP-9-25.5-042220-DUP	4/22/2020	<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
VMP-18	8.5 ft	VMP-18-8.5-072619	7/26/2019	<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-18-8.5-072619-DUP	7/26/2019	<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-18-8.5-102319	10/23/2019	<0.0076	U		<0.0076	U		0.003	J	J	<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	UJ
		VMP-18-8.5-102319-DUP	10/23/2019	<0.0078	U		<0.0078	U		0.0029	J	J	<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	UJ
		VMP-18-8.5-012420	1/24/2020	<0.0089	U		<0.0089	U		<0.0073	U		<0.006	U		<0.006	U		<0.0059	U		<0.051	U		<0.0068	U	
		VMP-18-8.5-042920	4/29/2020	<0.0071	U		<0.0071	U		0.0022	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
		VMP-18-8.5-042920-DUP	4/29/2020	<0.0067	U		<0.0067	U		0.0021	J		<0.0045	U		<0.0045	U		<0.0044	U		<0.039	U		<0.0052	U	
VMP-19	5 ft	VMP-19-5-073119	7/31/2019	<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-19-5-111519R	11/15/2019	<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-19-5-022120	2/21/2020	<0.0073	U		<0.0073	U		0.0031	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-19-5-043020	4/30/2020	<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
		VMP-19-5-043020-DUP	4/30/2020	<0.0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
VMP-20	5 ft	VMP-20-5-072219	7/22/2019	<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
		VMP-20-5-102319	10/23/2019	<0.007	U		<0.007	U		0.0031	J	J	<0.0047	U		<0.0047	U		<0.0046	U		<0.04	U		<0.0054	U	UJ
		VMP-20-5-012420	1/24/2020	<0.0084	U		<0.0084	U		<0.0069	U		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0065	U	
		VMP-20-5-022120	2/21/2020	<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
		VMP-20-5-042420	4/24/2020	<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U		<0.005	U		<0.044	U		<0.0059	U	
	10 ft	VMP-20-10-072219	7/22/2019	<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
		VMP-20-10-102319	10/23/2019	<0.007	U		<0.007	U		0.0027	J	J	<0.0047	U		<0.0047	U		<0.0046	U		<0.04	U		<0.0054	U	UJ
		VMP-20-10-012420	1/24/2020	<0.0076	U		<0.0076	U		0.0032	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0059	U	
		VMP-20-10-042420	4/24/2020	<0.0077	U		<0.0077	U		0.0025	J		<0.0052	U		<0.0052	U		<0.005	U		<0.044	U		<0.0059	U	
	25 ft	VMP-20-25-072619	7/26/2019	<0.0076	U		<0.0076	U		<0.0063	U		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0059	U	
		VMP-20-25-102319	10/23/2019	<0.0074	U		<0.0074	U		0.003	J	J	<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	UJ
		VMP-20-25-102319-DUP	10/23/2019	<0.0071	U		<0.0071	U		0.0024	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
		VMP-20-25-012420	1/24/2020	<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U		<0.0054	U		<0.047	U		<0.0063	U	
		VMP-20-25-042420	4/24/2020	<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.0061	U	
VMP-21	5 ft	VMP-21-5-072919	7/29/2019	<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-21-5-102319	10/23/2019	<0.0087	U		<0.0087	U		0.0024	J		<0.0058	U		<0.0058	U		<0.0057	U		<0.05	U		<0.0067	U	
		VMP-21-5-012220	1/22/2020	<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U		<0.0054	U		<0.047	U		<0.0063	U	
		VMP-21-5-042320	4/23/2020	<0.0085	U		<0.0085	U		0.0031	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0065	U	
	10 ft	VMP-21-10-072919	7/29/2019	<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-21-10-072919-DUP	7/29/2019	<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-21-10-102319	10/23/2019	<0.0072	U		<0.0072	U		0.0031	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
		VMP-21-10-102319-DUP	10/23/2019	<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-21-10-012220	1/22/2020	<0.0084	U		<0.0084	U		<0.0069	U		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0065	U	
		VMP-21-10-042320	4/23/2020	<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U		<0.0048	U		<0.042	U		<0.0057	U	
	25 ft	VMP-21-25-072919	7/29/2019	<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-21-25-102319	10/23/2019	<0.0073	U		<0.0073	U		0.003	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-21-25-012220	1/22/2020	<0.0084	U		<0.0084	U		<0.0069	U		<0.0056	U		<0.0056	U		<0.0055	U		<0.048	U		<0.0064	U	
		VMP-21-25-042320	4/23/2020	<0.0084	U		<0.0084	U		0.0026	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.048	U		<0.0064	U	
	33 ft	VMP-21-33-072919	7/29/2019	<0.0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
		VMP-21-33-102319	10/23/2019	<0.007	U		<0.007	U		0.0032	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.04	U		<0.0054	U	
		VMP-21-33-012220	1/22/2020	<0.0086	U		<0.0086	U		<0.007	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.05	U		<0.0066	U	
		VMP-21-33-042320	4/23/2020	<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	

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

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane		
							1200			270			690			0.099			1100000			5.6			0.31		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-22	5 ft	VMP-22-5-072419	7/24/2019	<0.0079	U		<0.0079	U		0.002	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.006	U	
		VMP-22-5-102319	10/23/2019	<0.0073	U		<0.0073	U		0.0031	J	J	<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	UJ
		VMP-22-5-012320	1/23/2020	<0.0073	U		<0.0073	U		0.003	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-22-5-042820	4/28/2020	<0.0077	U		<0.0077	U		0.0023	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.0059	U	
	10 ft	VMP-22-10-072419	7/24/2019	<0.0074	U		<0.0074	U		0.0018	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-22-10-102319	10/23/2019	<0.0074	U		<0.0074	U		0.0036	J	J	<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	UJ
		VMP-22-10-012320	1/23/2020	<0.0081	U		<0.0081	U		<0.0066	U		<0.0054	U		<0.0054	U		<0.0053	U		<0.047	U		<0.0062	U	
		VMP-22-10-042820	4/28/2020	<0.0069	U		<0.0069	U		0.0025	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.04	U		<0.0053	U	
	18 ft	VMP-22-18-072419	7/24/2019	<0.0078	U		<0.0078	U		0.0019	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.045	U		<0.006	U	
		VMP-22-18-102319	10/23/2019	<0.0074	U		<0.0074	U		0.003	J	J	<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	UJ
		VMP-22-18-012320	1/23/2020	<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-22-18-042820	4/28/2020	<0.0077	U		<0.0077	U		0.0028	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.0059	U	
	38 ft	VMP-22-38-072419	7/24/2019	<0.0077	U		<0.0077	U		0.002	J		<0.0052	U		<0.0052	U		0.0012	J		<0.044	U		<0.0059	U	
		VMP-22-38-102319	10/23/2019	<0.0071	U		<0.0071	U		0.0034	J	J	<0.0048	U		<0.0048	U		<0.0046	U		<0.041	U		<0.0054	U	UJ
		VMP-22-38-012320	1/23/2020	<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.0061	U	
		VMP-22-38-012320-DUP	1/23/2020	<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.0061	U	
		VMP-22-38-042820	4/28/2020	<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.0051	U		<0.005	U		0.0022	J		<0.0058	U	
		VMP-22-38-042820-DUP	4/28/2020	<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.006	U	
VMP-23	5 ft	VMP-23-5-072419	7/24/2019	<0.0078	U		<0.0078	U		0.0029	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-23-5-102419	10/24/2019	<0.007	U		<0.007	U		0.0021	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.04	U		<0.0054	U	
		VMP-23-5-012820	1/28/2020	<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-23-5-042820	4/28/2020	<0.0075	U		<0.0075	U		0.0026	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0058	U	
	10 ft	VMP-23-10-072419	7/24/2019	<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-23-10-102419	10/24/2019	<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-23-10-012820	1/28/2020	<0.0072	U		<0.0072	U		<0.006	U		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-23-10-042820	4/28/2020	<0.0074	U		<0.0074	U		0.0028	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
	25 ft	VMP-23-25-072419	7/24/2019	<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-23-25-102419	10/24/2019	<0.0078	U		<0.0078	U		0.0021	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-23-25-012820	1/28/2020	<0.0066	U		<0.0066	U		0.0034	J		<0.0045	U		<0.0045	U		<0.0044	U		<0.038	U		<0.0051	U	
		VMP-23-25-012820-DUP	1/28/2020	<0.0067	U		<0.0067	U		0.0036	J		<0.0045	U		<0.0045	U		<0.0044	U		<0.038	U		<0.0051	U	
		VMP-23-25-042820	4/28/2020	<0.0078	U		<0.0078	U		0.0026	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.045	U		<0.006	U	
		VMP-23-25-042820-DUP	4/28/2020	<0.0072	U		<0.0072	U		0.0031	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
VMP-24	5 ft	VMP-24-5-102219	10/22/2019	<0.0074	U		<0.0074	U		0.0029	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-24-5-012320	1/23/2020	<0.0089	U		<0.0089	U		<0.0073	U		<0.006	U		<0.006	U		<0.0059	U		<0.051	U		<0.0068	U	
		VMP-24-5-012320-DUP	1/23/2020	<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-24-5-042220	4/22/2020	<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.0061	U	
	10 ft	VMP-24-10-102219	10/22/2019	<0.0069	U		<0.0069	U		0.0026	J		<0.0046	U		<0.0046	U		<0.0045	U		<0.04	U		<0.0053	U	
		VMP-24-10-012320	1/23/2020	<0.009	U		<0.009	U		0.0031	J		<0.006	U		<0.006	U		<0.0059	U		<0.052	U		<0.0069	U	
		VMP-24-10-042220	4/22/2020	<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
	22 ft	VMP-24-22-102219	10/22/2019	<0.007	U		<0.007	U		0.0026	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.04	U		<0.0054	U	
		VMP-24-22-012320	1/23/2020	<0.0082	U		<0.0082	U		0.0026	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.048	U		<0.0063	U	
		VMP-24-22-042220	4/22/2020	<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-24-22-042220-DUP	4/22/2020	<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.0061	U	
	34 ft	VMP-24-34-102219	10/22/2019	<0.0066	U		<0.0066	U		0.003	J		<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U	
		VMP-24-34-012320	1/23/2020	<0.0085	U		<0.0085	U		0.0028	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0065	U	
		VMP-24-34-042220	4/22/2020	<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
VMP-32	5 ft	VMP-32-5-072319	7/23/2019	<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-32-5-072319-DUP	7/23/2019	<0.0074	U		<0.0074	U		0.0021	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-32-5-102419	10/24/2019	<0.0074	U		<0.0074	U		0.0019	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-32-5-012820	1/28/2020	<0.011	U		<0.011	U		0.0022	J		<0.0077	U		<0.0077	U		<0.0075	U		0.023	J		<0.0088	U	
		VMP-32-5-042920	4/29/2020	<0.0082	U		<0.0082	U		0.0024	J		<0.0055	U		<0.0055	U		<0.0054	U		0.0018	J		<0.0063	U	
	10 ft	VMP-32-10-072319	7/23/2019	<0.0073	U		<0.0073	U		0.002	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-32-10-102419	10/24/2019	<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-32-10-012820	1/28/2020	<0.0081	U		<0.0081	U		0.0021	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.047	U		<0.0062	U	
		VMP-32-10-042920	4/29/2020	<0.0082	U		<0.0082	U		0.0029	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.047	U		<0.0063	U	
	20 ft	VMP-32-20-072319	7/23/2019	<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		0.0018	J	
		VMP-32-20-012820	1/28/2020	<0.0081	U		<0.0081	U		0.0023	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.047	U		<0.0062	U	
		VMP-32-20-042920	4/29/2020	<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.048	U		<0.0064	U	
	30 ft	VMP-32-30-072319	7/23/2019	<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.048	U		0.0034	J	
		VMP-32-30-102419	10/24/2019	<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-32-30-012820	1/28/2020	<0.0087	U		<0.0087	U		0.0021	J		<0.0058	U		<0.0058	U		<0.0057	U		<0.05	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	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane		
							1200			270			690			0.099			1100000			5.6			0.31		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-42	10 ft	VMP-42-10-072319	7/23/2019	<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-42-10-102119	10/21/2019	<0.0067	U		<0.0067	U		0.0027	J		<0.0045	U		<0.0045	U		<0.0044	U		<0.039	U		<0.0052	U	
		VMP-42-10-012720	1/27/2020	<0.0089	U		<0.0089	U		0.0031	J		<0.006	U		<0.006	U		<0.0059	U		<0.052	U		<0.0069	U	
		VMP-42-10-042920	4/29/2020	<0.0089	U		<0.0089	U		0.0019	J		<0.006	U		<0.006	U		<0.0058	U		0.0019	J		<0.0068	U	
	20 ft	VMP-42-20-072319	7/23/2019	<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-42-20-102119	10/21/2019	<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-42-20-012720	1/27/2020	<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0066	U	
		VMP-42-20-042920	4/29/2020	<0.0084	U		<0.0084	U		0.0025	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.048	U		<0.0064	U	
		VMP-42-20-042920-DUP	4/29/2020	<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
	30 ft	VMP-42-30-072319	7/23/2019	<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-42-30-102119	10/21/2019	<0.0066	U		<0.0066	U		0.0031	J		<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U	
		VMP-42-30-102119-DUP	10/21/2019	<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-42-30-012720	1/27/2020	<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U		<0.05	U		<0.0066	U	
		VMP-42-30-042920	4/29/2020	<0.0095	U		<0.0095	U		0.0032	J		<0.0064	U		<0.0064	U		<0.0062	U		<0.055	U		<0.0073	U	
VMP-43	10 ft	VMP-43-10-080119	8/1/2019	<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		0.0022	J	
		VMP-43-10-102119	10/21/2019	<0.007	U		<0.007	U		0.0028	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.04	U		<0.0054	U	
		VMP-43-10-012720	1/27/2020	<0.0072	U		<0.0072	U		0.0033	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.042	U		<0.0055	U	
		VMP-43-10-043020	4/30/2020	<0.0081	U		<0.0081	U		0.0022	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.047	U		<0.0062	U	
	20 ft	VMP-43-20-080119	8/1/2019	<0.0072	U		<0.0072	U		0.002	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
		VMP-43-20-102119	10/21/2019	<0.0074	U		<0.0074	U		0.0034	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-43-20-012720	1/27/2020	<0.0082	U		<0.0082	U		0.0054	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.048	U		<0.0063	U	
		VMP-43-20-043020	4/30/2020	<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.048	U		<0.0064	U	
	30 ft	VMP-43-30-080119	8/1/2019	<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-43-30-102119	10/21/2019	<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-43-30-102119-DUP	10/21/2019	<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-43-30-012720	1/27/2020	<0.0079	U		<0.0079	U		0.0044	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.006	U	
		VMP-43-30-043020	4/30/2020	<0.0078	U		<0.0078	U		0.0026	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
VMP-44	10 ft	VMP-44-10-072319	7/23/2019	<0.0081	U		<0.0081	U		0.003	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.047	U		<0.0062	U	
		VMP-44-10-102419	10/24/2019	<0.0069	U		<0.0069	U		0.0022	J		<0.0046	U		<0.0046	U		<0.0045	U		<0.04	U		<0.0053	U	
		VMP-44-10-012720	1/27/2020	<0.0089	U		<0.0089	U		<0.0073	U		<0.006	U		<0.006	U		<0.0058	U		<0.051	U		<0.0068	U	
		VMP-44-10-043020	4/30/2020	<0.007	U		<0.007	U		0.0022	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.04	U		<0.0054	U	
	20 ft	VMP-44-20-072319	7/23/2019	<0.0072	U		<0.0072	U		0.002	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
		VMP-44-20-102419	10/24/2019	<0.007	U		<0.007	U		0.0024	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.04	U		<0.0054	U	
		VMP-44-20-012720	1/27/2020	<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U		<0.05	U		<0.0066	U	
		VMP-44-20-043020	4/30/2020	<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
	30 ft	VMP-44-30-072319	7/23/2019	<0.007	U		<0.007	U		0.0025	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.04	U		<0.0054	U	
		VMP-44-30-102419	10/24/2019	<0.0066	U		<0.0066	U		0.0018	J		<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U	
		VMP-44-30-012720	1/27/2020	<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U	
		VMP-44-30-012720-DUP	1/27/2020	<0.0074	U		<0.0074	U		<0.006	U		<0.005	U		<0.005	U		<0.0048	U		<0.042	U		<0.0057	U	
		VMP-44-30-043020	4/30/2020	<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
VMP-45	10 ft	VMP-45-10-080119	8/1/2019	<0.0076	U		<0.0076	U		0.0021	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-45-10-111519R	11/15/2019	<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-45-10-012720	1/27/2020	<0.0075	U		<0.0075	U		0.0035	J		<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U	
		VMP-45-10-042720	4/27/2020	<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U		<0.0052	U		<0.046	U		<0.0061	U	
	20 ft	VMP-45-20-080119	8/1/2019	<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-45-20-102419	10/24/2019	<0.0069	U		<0.0069	U		0.0019	J		<0.0046	U		<0.0046	U		<0.0045	U		<0.04	U		<0.0053	U	
		VMP-45-20-012720	1/27/2020	<0.0074	U		<0.0074	U		0.003	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-45-20-042720	4/27/2020	<0.0075	U		<0.0075	U		0.0023	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
	30 ft	VMP-45-30-080119	8/1/2019	<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-45-30-102419	10/24/2019	<0.0072	U		<0.0072	U		0.0017	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
		VMP-45-30-102419-DUP	10/24/2019	<0.0069	U		<0.0069	U		0.002	J		<0.0046	U		<0.0046	U		<0.0045	U		<0.04	U		<0.0053	U	
		VMP-45-30-012720	1/27/2020	<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U		<0.0055	U		<0.048	U		<0.0064	U	
		VMP-45-30-042720	4/27/2020	<0.0071	U		<0.0071	U		0.0023	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane		
							1200			270			690			0.099			1100000			5.6			0.31		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-47	5 ft	VMP-47-5-072619	7/26/2019	<0.0075	U		<0.0075	U		<0.0062	U		<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U	
		VMP-47-5-102319	10/23/2019	<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-47-5-012920	1/29/2020	<0.009	U		<0.009	U		<0.0074	U		<0.006	U		<0.006	U		<0.0059	U		<0.052	U		<0.0069	U	
		VMP-47-5-012920-DUP	1/29/2020	<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0066	U	
		VMP-47-5-042820	4/28/2020	<0.0085	U		<0.0085	U		0.0024	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0065	U	
	10 ft	VMP-47-10-072619	7/26/2019	<0.0077	U		<0.0077	U		0.0024	J		<0.0052	U		<0.0052	U		<0.005	U		<0.044	U		<0.0059	U	
		VMP-47-10-102319	10/23/2019	<0.0079	U		<0.0079	U		0.003	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.0061	U	
		VMP-47-10-012920	1/29/2020	<0.0081	U		<0.0081	U		<0.0067	U		<0.0055	U		<0.0055	U		<0.0054	U		<0.047	U		<0.0063	U	
		VMP-47-10-042820	4/28/2020	<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.048	U		<0.0064	U	
		VMP-47-10-042820-DUP	4/28/2020	<0.0085	U		<0.0085	U		0.0025	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0065	U	
	20 ft	VMP-47-20-072619	7/26/2019	<0.0074	U		<0.0074	U		0.0021	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-47-20-102319	10/23/2019	<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-47-20-012920	1/29/2020	<0.0078	U		<0.0078	U		<0.0064	U		<0.0053	U		<0.0053	U		<0.0052	U		<0.045	U		<0.006	U	
		VMP-47-20-042820	4/28/2020	<0.0081	U		<0.0081	U		0.0024	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.047	U		<0.0062	U	
	30 ft	VMP-47-30-072619	7/26/2019	<0.0076	U		<0.0076	U		0.0021	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-47-30-102319	10/23/2019	<0.0081	U		<0.0081	U		0.0029	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.047	U		<0.0062	U	
		VMP-47-30-012920	1/29/2020	<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0066	U	
		VMP-47-30-042820	4/28/2020	<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.046	U		<0.0062	U	
VMP-48	5 ft	VMP-48-5-072619	7/26/2019	<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-48-5-102119	10/21/2019	<0.0076	U		<0.0076	U		0.0029	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-48-5-012920	1/29/2020	<0.0087	U		<0.0087	U		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U		<0.05	U		<0.0067	U	
		VMP-48-5-042420	4/24/2020	<0.0088	U		<0.0088	U		0.0029	J		<0.0059	U		<0.0059	U		<0.0058	U		0.0029	J		<0.0068	U	
	10 ft	VMP-48-10-072619	7/26/2019	<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-48-10-102119	10/21/2019	<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
		VMP-48-10-012920	1/29/2020	<0.0088	U		<0.0088	U		<0.0072	U		<0.0059	U		<0.0059	U		<0.0058	U		<0.051	U		<0.0067	U	
		VMP-48-10-042420	4/24/2020	<0.0082	U		<0.0082	U		0.0028	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.047	U		<0.0063	U	
	20 ft	VMP-48-20-102119	10/21/2019	<0.0072	U		<0.0072	U		0.0034	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
	30 ft	VMP-48-30-072619	7/26/2019	<0.0075	U		<0.0075	U		<0.0062	U		<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U	
		VMP-48-30-102119	10/21/2019	<0.0078	U		<0.0078	U		0.0027	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-48-30-012920	1/29/2020	<0.0086	U		<0.0086	U		0.0031	J		<0.0058	U		<0.0058	U		<0.0057	U		<0.05	U		<0.0066	U	
VMP-49	5 ft	VMP-49-5-072919	7/29/2019	<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-49-5-101819	10/18/2019	<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-49-5-012220	1/22/2020	<0.0073	U		<0.0073	U		0.0034	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-49-5-042920	4/29/2020	<0.0089	U		<0.0089	U		0.0023	J		<0.006	U		<0.006	U		<0.0058	U		<0.051	U		<0.0068	U	
	10 ft	VMP-49-10-072919	7/29/2019	<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-49-10-101819	10/18/2019	<0.0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.042	U		<0.0055	U	
		VMP-49-10-012220	1/22/2020	<0.0087	U		<0.0087	U		<0.0072	U		<0.0059	U		<0.0059	U		<0.0057	U		<0.05	U		<0.0067	U	
		VMP-49-10-042920	4/29/2020	<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
	20 ft	VMP-49-20-072919	7/29/2019	<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-49-20-101819	10/18/2019	<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.048	U		<0.0064	U	
		VMP-49-20-012220	1/22/2020	<0.008	U		<0.008	U		0.0032	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.046	U		<0.0062	U	
		VMP-49-20-042920	4/29/2020	<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-49-20-042920-DUP	4/29/2020	<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
	30 ft	VMP-49-30-072919	7/29/2019	<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-49-30-101819	10/18/2019	<0.008	U		<0.008	U		0.0053	J		<0.0054	U		<0.0054	U		<0.0052	U		<0.046	U		<0.0061	U	
		VMP-49-30-012220	1/22/2020	<0.0077	U		<0.0077	U		0.0032	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.0059	U	
		VMP-49-30-042920	4/29/2020	<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
VMP-50	5 ft	VMP-50-5-073019	7/30/2019	<0.0071	U		<0.0071	U		0.0023	J		<0.0048	U		<0.0048	U		<0.0046	U		<0.041	U		<0.0054	U	
		VMP-50-5-102319	10/23/2019	<0.0072	U		<0.0072	U		0.0028	J	J	<0.0048	U		<0.0048	U		<0.0047	U		<0.042	U		<0.0055	U	UJ
		VMP-50-5-012820	1/28/2020	<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.048	U		<0.0064	U	
		VMP-50-5-042820	4/28/2020	<0.008	U		<0.008	U		0.0025	J		<0.0054	U		<0.0054	U		<0.0052	U		<0.046	U		<0.0061	U	
	10 ft	VMP-50-10-073019	7/30/2019	<0.0078	U		<0.0078	U		<0.0064	U		<0.0053	U		<0.0053	U		<0.0052	U		<0.045	U		<0.006	U	
		VMP-50-10-102319	10/23/2019	<0.0074	U		<0.0074	U		0.0035	J	J	<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	UJ
		VMP-50-10-012820	1/28/2020	<0.0085	U		<0.0085	U		0.0022	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0065	U	
		VMP-50-10-042820	4/28/2020	<0.0083	U		<0.0083	U		0.0031	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.048	U		<0.0064	U	
	20 ft	VMP-50-20-073019	7/30/2019	<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U		<0.0054	U		<0.048	U		<0.0063	U	
		VMP-50-20-102319	10/23/2019	<0.0079	U		<0.0079	U		0.0032	J	J	<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.0061	U	UJ
		VMP-50-20-012820	1/28/2020	<0.0083	U		<0.0083	U		0.002	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.048	U		<0.0064	U	
		VMP-50-20-042820	4/28/2020	<0.0077	U		<0.0077	U		0.0025	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.0059	U	
	30 ft	VMP-50-30-073019	7/30/2019	<0.15	U		<0.15	U		<0.13	U		<0.1	U		<0.1	U		<0.1	U		<0.88	U		<0.12	U	
		VMP-50-30-102319	10/23/2019	<0.076	U		<0.076	U		<0.062	U		<0.051	U		<0.051	U		<0.05	U		<0.18	J	U	<0.058	U	
		VMP-50-30-012820	1/28/2020	<0.16	U		<0.16	U		<0.13	U		<0.11	U		<0.11	U		<0.11	U		<0.94	U		<0.12	U	
		VMP-50-30-042820	4/28/2020	<0.1	U		<0.1	U		<0.084	U		<0.069	U		<0.069	U		<0.067	U		<0.59	U		<0.078	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	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane		
							1200			270			690			0.099			1100000			5.6			0.31		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-51	5 ft	VMP-51-5-072419	7/24/2019	<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-51-5-102519	10/25/2019	<0.0079	U		<0.0079	U		0.0019	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.0061	U	
		VMP-51-5-012820	1/28/2020	<0.0085	U		<0.0085	U		0.0022	J		<0.0057	U		<0.0057	U		<0.0056	U		0.00099	J		<0.0065	U	
		VMP-51-5-012820-DUP	1/28/2020	<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U		<0.0055	U		0.0011	J		<0.0064	U	
		VMP-51-5-042720	4/27/2020	<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U	
	10 ft	VMP-51-10-072419	7/24/2019	<0.0072	U		<0.0072	U		0.002	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
		VMP-51-10-102519	10/25/2019	<0.0073	U		<0.0073	U		0.0017	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-51-10-012820	1/28/2020	<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.048	U		<0.0064	U	
		VMP-51-10-042720	4/27/2020	<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
	20 ft	VMP-51-20-072419	7/24/2019	<0.0078	U		<0.0078	U		0.0026	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-51-20-102519	10/25/2019	<0.0075	U		<0.0075	U		0.0019	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-51-20-022120	2/21/2020	<0.0072	U		<0.0072	U		0.0031	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
		VMP-51-20-042720	4/27/2020	<0.0079	U		<0.0079	U		0.0033	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.0061	U	
	30 ft	VMP-51-30-072419	7/24/2019	<0.007	U		<0.007	U		0.0034	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.04	U		<0.0054	U	
		VMP-51-30-102519	10/25/2019	<0.0073	U		<0.0073	U		0.003	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-51-30-102519-DUP	10/25/2019	<0.0075	U		<0.0075	U		0.0034	J		<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U	
		VMP-51-30-012820	1/28/2020	<0.0081	U		<0.0081	U		0.0022	J		<0.0054	U		<0.0054	U		<0.0053	U		0.0036	J		<0.0062	U	
		VMP-51-30-042720	4/27/2020	<0.007	U		<0.007	U		0.0052	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.041	U		<0.0054	U	
VMP-52	5 ft	VMP-52-5-072619	7/26/2019	<0.0077	U		<0.0077	U		<0.0063	U		<0.0052	U		<0.0052	U		<0.005	U		<0.044	U		<0.0059	U	
		VMP-52-5-072619-DUP	7/26/2019	<0.0075	U		<0.0075	U		<0.0062	U		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0058	U	
		VMP-52-5-102219	10/22/2019	<0.0078	U		<0.0078	U		0.0031	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-52-5-012320	1/23/2020	<0.0088	U		<0.0088	U		0.0037	J		<0.0059	U		<0.0059	U		<0.0058	U		<0.051	U		<0.0067	U	
		VMP-52-5-042720	4/27/2020	<0.007	U		<0.007	U		0.0023	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.04	U		<0.0054	U	
	10 ft	VMP-52-10-072619	7/26/2019	<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0059	U	
		VMP-52-10-102219	10/22/2019	<0.0074	U		<0.0074	U		0.0028	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-52-10-042720	4/27/2020	<0.0073	U		<0.0073	U		0.0022	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
	20 ft	VMP-52-20-072219	7/22/2019	<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-52-20-102219	10/22/2019	<0.0074	U		<0.0074	U		0.002	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-52-20-012320	1/23/2020	<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-52-20-042720	4/27/2020	<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
	30 ft	VMP-52-30-072219	7/22/2019	<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-52-30-102219	10/22/2019	<0.0073	U		<0.0073	U		0.0034	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-52-30-102219-DUP	10/22/2019	<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-52-30-012320	1/23/2020	<0.0084	U		<0.0084	U		<0.0069	U		<0.0056	U		<0.0056	U		<0.0055	U		<0.048	U		<0.0064	U	
		VMP-52-30-042720	4/27/2020	<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-52-30-042720-DUP	4/27/2020	<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
VMP-53	5 ft	VMP-53-5-071919	7/19/2019	<0.0075	U		<0.0075	U		0.0021	J		<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U	
		VMP-53-5-101819	10/18/2019	<0.0071	U		<0.0071	U		0.0019	J		<0.0048	U		<0.0048	U		<0.0046	U		<0.041	U		<0.0054	U	
		VMP-53-5-012220	1/22/2020	<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0065	U	
		VMP-53-5-042220	4/22/2020	<0.0077	U		<0.0077	U		0.002	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.044	U		<0.0059	U	
	10 ft	VMP-53-10-071919	7/19/2019	<0.0077	U		<0.0077	U		0.0025	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.0059	U	
		VMP-53-10-101819	10/18/2019	<0.0083	U		<0.0083	U		0.0021	J		<0.0056	U		<0.0056	U		<0.0054	U		<0.048	U		<0.0064	U	
		VMP-53-10-012220	1/22/2020	<0.0071	U		<0.0071	U		0.0027	J		<0.0048	U		<0.0048	U		<0.0046	U		<0.041	U		<0.0054	U	
		VMP-53-10-042220	4/22/2020	<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
	20 ft	VMP-53-20-071919	7/19/2019	<0.0079	U		<0.0079	U		0.0021	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.0061	U	
		VMP-53-20-101819	10/18/2019	<0.0074	U		<0.0074	U		0.0019	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-53-20-012220	1/22/2020	<0.0075	U		<0.0075	U		<0.0062	U		<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U	
		VMP-53-20-042220	4/22/2020	<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
	30 ft	VMP-53-30-071919	7/19/2019	<0.0078	U		<0.0078	U		0.0022	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.045	U		<0.006	U	
		VMP-53-30-101819	10/18/2019	<0.0071	U		<0.0071	U		0.002	J		<0.0048	U		<0.0048	U		<0.0046	U		<0.041	U		<0.0054	U	
		VMP-53-30-101819-DUP	10/18/2019	<0.0074	U		<0.0074	U		0.0018	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-53-30-012220	1/22/2020	<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-53-30-012220-DUP	1/22/2020	<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.0061	U	
		VMP-53-30-042220	4/22/2020	<0.0081	U		<0.0081	U		0.0027	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.047	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	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane		
							1200			270			690			0.099			1100000			5.6			0.31		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-54	5 ft	VMP-54-5-072219	7/22/2019	<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-54-5-102219	10/22/2019	<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-54-5-012220	1/22/2020	<0 01	U		<0.01	U		<0.0083	U		<0.0068	U		<0.0068	U		<0.0066	U		<0.058	U		<0.0077	U	
		VMP-54-5-042720	4/27/2020	<0.0079	U		<0.0079	U		0.0021	J		<0.0053	U		<0.0053	U		<0.0052	U		0.0016	J		<0.0061	U	
		VMP-54-5-052120	5/21/2020	<0.0073	U		<0.0073	U		0.0028	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
	10 ft	VMP-54-10-072219	7/22/2019	<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-54-10-102219	10/22/2019	<0.0074	U		<0.0074	U		0.0032	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-54-10-031220	3/12/2020	<0.0074	U		<0.0074	U		0.0034	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-54-10-042720	4/27/2020	<0.0081	U		<0.0081	U		0.0024	J		<0.0054	U		<0.0054	U		<0.0053	U		0.0018	J		<0.0062	U	
	20 ft	VMP-54-20-072219	7/22/2019	<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
		VMP-54-20-102219	10/22/2019	<0.0079	U		<0.0079	U		0.0031	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.0061	U	
		VMP-54-20-012220	1/22/2020	<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-54-20-042720	4/27/2020	<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U		<0.005	U		0.0016	J		<0.0058	U	
	30 ft	VMP-54-30-072219	7/22/2019	<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-54-30-102219	10/22/2019	<0.0087	U		<0.0087	U		0.0025	J		<0.0058	U		<0.0058	U		<0.0057	U		<0.05	U		<0.0067	U	
		VMP-54-30-012220	1/22/2020	<0.0091	U		<0.0091	U		<0.0075	U		<0.0061	U		<0.0061	U		<0.006	U		<0.052	U		<0.007	U	
		VMP-54-30-042720	4/27/2020	<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.0061	U	
VMP-56	10 ft	VMP-56-10-072319	7/23/2019	<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-56-10-102119	10/21/2019	<0.0066	U		<0.0066	U		0.003	J		<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U	
		VMP-56-10-012220	1/22/2020	<0.0085	U		<0.0085	U		0.0032	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0065	U	
		VMP-56-10-042420	4/24/2020	<0.0079	U		<0.0079	U		0.0021	J		<0.0053	U		<0.0053	U		<0.0052	U		0.0025	J		<0.006	U	
	25 ft	VMP-56-25-072319	7/23/2019	<0.0073	U		<0.0073	U		0.0025	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-56-25-102119	10/21/2019	<0.0078	U		<0.0078	U		0.0024	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-56-25-012220	1/22/2020	<0.0078	U		<0.0078	U		0.013			<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-56-25-042420	4/24/2020	<0.0083	U		<0.0083	U		0.0021	J		<0.0056	U		<0.0056	U		<0.0054	U		<0.048	U		<0.0064	U	
VMP-62	5 ft	VMP-62-5-072919	7/29/2019	<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-62-5-102319	10/23/2019	<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-62-5-012920	1/29/2020	<0.0072	U		<0.0072	U		<0.006	U		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-62-5-042820	4/28/2020	<0.0081	U		<0.0081	U		0.0025	J		<0.0055	U		<0.0055	U		<0.0054	U		0.0023	J		<0.0062	U	
	10 ft	VMP-62-10-072919	7/29/2019	<0.007	U		<0.007	U		<0.0058	U		<0.0047	U		<0.0047	U		<0.0046	U		<0.04	U		<0.0054	U	
		VMP-62-10-072919-DUP	7/29/2019	<0.0074	U		<0.0074	U		0.0028	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-62-10-102319	10/23/2019	<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-62-10-012920	1/29/2020	<0.0077	U		<0.0077	U		<0.0063	U		<0.0052	U		<0.0052	U		<0.005	U		<0.044	U		<0.0059	U	
		VMP-62-10-042820	4/28/2020	<0.009	U		<0.009	U		0.0027	J		<0.006	U		<0.006	U		<0.0059	U		<0.052	U		<0.0069	U	
	20 ft	VMP-62-20-072919	7/29/2019	<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-62-20-102319	10/23/2019	<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-62-20-012920	1/29/2020	<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U		<0.05	U		<0.0066	U	
		VMP-62-20-042820	4/28/2020	<0.0082	U		<0.0082	U		0.0038	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.047	U		<0.0063	U	
		VMP-62-20-042820-DUP	4/28/2020	<0.0082	U		<0.0082	U		0.0033	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.048	U		<0.0063	U	
	30 ft	VMP-62-30-072919	7/29/2019	<0.0069	U		<0.0069	U		<0.0057	U		<0.0046	U		<0.0046	U		<0.0045	U		<0.04	U		<0.0053	U	
		VMP-62-30-102319	10/23/2019	<0.0081	U		<0.0081	U		0.0024	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.047	U		<0.0062	U	
		VMP-62-30-012920	1/29/2020	<0.0081	U		<0.0081	U		0.0025	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.047	U		<0.0062	U	
		VMP-62-30-042820	4/28/2020	<0.0087	U		<0.0087	U		0.0024	J		<0.0058	U		<0.0058	U		<0.0057	U		<0.05	U		<0.0067	U	
VMP-63	5 ft	VMP-63-5-072319	7/23/2019	<0.0081	U		<0.0081	U		0.0025	J		<0.0054	U		0.0018	J		<0.0053	U		<0.047	U		<0.0062	U	
		VMP-63-5-102419	10/24/2019	<0.007	J	U	<0.007	U		0.0022	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.04	U		<0.0054	U	
		VMP-63-5-102419-DUP	10/24/2019	<0.0074	U		<0.0074	U		0.002	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-63-5-012720	1/27/2020	<0.0081	U		<0.0081	U		<0.0066	U		<0.0054	U		<0.0054	U		<0.0053	U		<0.047	U		<0.0062	U	
		VMP-63-5-012720-DUP	1/27/2020	<0.0086	U		<0.0086	U		0.0028	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.05	U		<0.0066	U	
		VMP-63-5-042420	4/24/2020	<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U		<0.0048	U		0.0024	J		<0.0055	U	
	10 ft	VMP-63-10-072319	7/23/2019	<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-63-10-102419	10/24/2019	<0.0069	U		<0.0069	U		0.0019	J		<0.0046	U		<0.0046	U		<0.0045	U		<0.04	U		<0.0053	U	
		VMP-63-10-012720	1/27/2020	<0.0072	U		<0.0072	U		0.0034	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-63-10-042420	4/24/2020	<0.0081	U		<0.0081	U		0.0023	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.047	U		<0.0062	U	
	20 ft	VMP-63-20-072319	7/23/2019	<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-63-20-102419	10/24/2019	<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-63-20-012720	1/27/2020	<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U		<0.0054	U		<0.048	U		<0.0063	U	
		VMP-63-20-042420	4/24/2020	<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U		<0.0048	U		0.003	J		<0.0055	U	
	30 ft	VMP-63-30-072319	7/23/2019	<0.0076	U		<0.0076	U		0.0033	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-63-30-102419	10/24/2019	<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-63-30-012720	1/27/2020	<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U		<0.0054	U		<0.048	U		<0.0064	U	
		VMP-63-30-042420	4/24/2020	<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	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	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane		
							1200			270			690			0.099			1100000			5.6			0.31		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-64	5 ft	VMP-64-5-072519	7/25/2019	<0.0071	U		<0.0071	U		0.002	J		<0.0048	U		<0.0048	U		<0.0046	U		<0.041	U		<0.0054	U	
		VMP-64-5-072519-DUP	7/25/2019	<0.0074	U		<0.0074	U		0.0018	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-64-5-102319	10/23/2019	<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-64-5-012820	1/28/2020	<0.0082	U		<0.0082	U		0.0022	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.047	U		<0.0063	U	
		VMP-64-5-042420	4/24/2020	<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U		<0.005	U		<0.044	U		<0.0059	U	
	10 ft	VMP-64-10-072519	7/25/2019	<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-64-10-102319	10/23/2019	<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-64-10-012820	1/28/2020	<0.0081	U		<0.0081	U		0.0023	J		<0.0054	U		<0.0054	U		<0.0053	U		0.0012	J		<0.0062	U	
		VMP-64-10-042420	4/24/2020	<0.0068	U		<0.0068	U		0.0025	J		<0.0046	U		<0.0046	U		<0.0045	U		<0.04	U		<0.0053	U	
	20 ft	VMP-64-20-072519	7/25/2019	<0.0078	U		<0.0078	U		0.0021	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.045	U		<0.006	U	
		VMP-64-20-102319	10/23/2019	<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-64-20-012820	1/28/2020	<0.0087	U		<0.0087	U		0.0022	J		<0.0058	U		<0.0058	U		<0.0057	U		<0.05	U		<0.0067	U	
		VMP-64-20-042420	4/24/2020	<0.0075	U		<0.0075	U		0.002	J		<0.005	U		<0.005	U		<0.005	U		0.0017	J		<0.0058	U	
		VMP-64-20-042420-DUP	4/24/2020	<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U		<0.0048	U		<0.042	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	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene		
				0.22						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-1-5-072319	7/23/2019	<0.019	U		<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U	
		VMP-1-5-102419	10/24/2019	<0.018	U		<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-1-5-012720	1/27/2020	<0.018	U		<0.0093	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-1-5-042420	4/24/2020	<0.019	U		0.01		J	<0.0057	U		<0.0065	J	U	<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
	8.5 ft	VMP-1-8.5-072319	7/23/2019	<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-1-8.5-102419	10/24/2019	<0 04	U		<0.021	U	UJ	<0.012	U		<0.014	U		<0.021	U		<0.02	U		<0.011	U		<0.12	U	
		VMP-1-8.5-102419-DUP	10/24/2019	<0.018	U		0.0021	J	J	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	J	U
		VMP-1-8.5-111519R	11/15/2019	<0.018	U		<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U	
		VMP-1-8.5-012720	1/27/2020	<0.021	U		<0.011	U	UJ	<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U	
		VMP-1-8.5-042420	4/24/2020	<0.019	U		<0.0098	U	UJ	<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
	23.5 ft	VMP-1-23.5-072319	7/23/2019	<0.019	U		0.014			0.00074	J		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U	
		VMP-1-23.5-102419	10/24/2019	<0.017	U		0.0026	J	J	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-1-23.5-012720	1/27/2020	<0.018	U		<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-1-23.5-042420	4/24/2020	<0.017	U		0.012		J	<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U	
	38.5 ft	VMP-1-38.5-012720	1/27/2020	<0.018	U		<0.0096	U	UJ	<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U	
VMP-2	5 ft	VMP-2-5-072519	7/25/2019	<0.017	U		0.0052	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U	
		VMP-2-5-102119	10/21/2019	<0.017	U		0.013			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U	
		VMP-2-5-012420	1/24/2020	<0.019	U		<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U	
		VMP-2-5-042420	4/24/2020	<0.019	U		0.017			<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U	
	8.5 ft	VMP-2-8.5-072519	7/25/2019	<0.019	U		<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U	
		VMP-2-8.5-102119	10/21/2019	<0.017	U		<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U	
		VMP-2-8.5-012420	1/24/2020	<0 02	U		<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U	
		VMP-2-8.5-042420	4/24/2020	<0.019	U		0.0042	J	J	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
	22 ft	VMP-2-22-072519	7/25/2019	<0.018	U		<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U	
		VMP-2-22-102119	10/21/2019	<0.017	U		0.014			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-2-22-012420	1/24/2020	<0 02	U		<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U	
		VMP-2-22-042420	4/24/2020	<0 02	U		0.0052	J	J	<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U	
		VMP-2-22-042420-DUP	4/24/2020	<0 02	U		0.005	J	J	<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U	
VMP-3	5 ft	VMP-3-5-072519	7/25/2019	<0.018	U		<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U	
		VMP-3-5-101819	10/18/2019	<0.018	U		0.018	J0	J	<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U	
		VMP-3-5-012720	1/27/2020	<0.024	U		<0.013	U	UJ	<0.0074	U		<0.0084	U		<0.013	U		<0.012	U		<0.007	U		<0.073	U	
		VMP-3-5-012720-DUP	1/27/2020	<0 02	U		<0.01	U	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U	
		VMP-3-5-042920	4/29/2020	<0.019	U		0.012		J	<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U	
	10 ft	VMP-3-10-072519	7/25/2019	<0.018	U		<0.0094	U		<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U	
		VMP-3-10-072519-DUP	7/25/2019	<0.022	U		<0.011	U		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U	
		VMP-3-10-101819	10/18/2019	<0.021	U		<0.011	ND,UJ	UJ	<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U	
		VMP-3-10-022120	2/21/2020	<0.016	U		<0.0087	U		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U	
	22 ft	VMP-3-22-072519	7/25/2019	<0.018	U		<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U	
		VMP-3-22-101819	10/18/2019	<0.018	U		0.0076	J J0	J	0 01			0.0021	J		<0.0096	U		<0.0088	U		0.012			<0.054	U	
		VMP-3-22-012720	1/27/2020	<0.019	U		<0.0098	ND,UJ	UJ	<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
		VMP-3-22-042920	4/29/2020	<0.021	U		0.011		J	<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U	
	31.5 ft	VMP-3-31.5-072519	7/25/2019	<0.019	U		<0.0099	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
		VMP-3-31.5-101819	10/18/2019	<52	U		64	J0 CN	J	<16	U		<18	U		<28	U		<25	U		<15	U		<150	U	
		VMP-3-31.5-101819-DUP	10/18/2019	<51	U		61	J0 CN	J	<15	U		<17	U		<27	U		<25	U		<14	U		<150	U	
		VMP-3-31.5-022120	2/21/2020	<0.17	U		<0.088	U		<0.051	U		<0.058	U		<0.09	U		<0.082	U		<0.048	U		<0.5	U	
		VMP-3-31.5-042920	4/29/2020	<4.6	U		<2.4	U		<1.4	U		<1.6	U		<2 5	U		<2.2	U		<1.3	U		<14	U	
VMP-4	5 ft	VMP-4-5-072519	7/25/2019	<0.018	U		<0.0094	U		<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U	
		VMP-4-5-102119	10/21/2019	<0.017	U		0.0037	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-4-5-012320	1/23/2020	<0.018	U		<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
		VMP-4-5-042820	4/28/2020	<0.018	U		<0.0097	ND,UJ	UJ	<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
	12 ft	VMP-4-12-072519	7/25/2019	<0.018	U		<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U	
		VMP-4-12-102119	10/21/2019	<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-4-12-012320	1/23/2020	<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-4-12-042820	4/28/2020	<0.019	U		0.01	J	J	<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U	
	23.5 ft	VMP-4-23.5-072519	7/25/2019	<0.018	U		0.0084	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U	
		VMP-4-23.5-102119	10/21/2019	<0.017	U		0.0048	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-4-23.5-012320	1/23/2020	<0.019	U		<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U	
		VMP-4-23.5-042820	4/28/2020	<0.019	U		0.021	J0	J	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	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	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene		
				0.22						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-5-5-072419	7/24/2019	<0.017	U		<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-5-5-072419-DUP	7/24/2019	<0.017	U		0.0042	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U	
		VMP-5-5-102119	10/21/2019	<0.017	U		<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-5-5-012820	1/28/2020	<0.016	U		<0.0085	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U	
		VMP-5-5-042720	4/27/2020	<0.017	U		<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U	
	12.5 ft	VMP-5-12.5-072419	7/24/2019	<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-5-12.5-102119	10/21/2019	<0.016	U		<0.0084	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U	
		VMP-5-12.5-012820	1/28/2020	<0.019	U		<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
		VMP-5-12.5-042720	4/27/2020	<0.017	U		<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
	31 ft	VMP-5-31-072419	7/24/2019	<0.017	U		0.0092			<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U	
		VMP-5-31-102119	10/21/2019	<0.021	U		<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U	
		VMP-5-31-012820	1/28/2020	<0.018	U		<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U	
		VMP-5-31-042720	4/27/2020	<0.018	U		0.0045	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U	
VMP-6	5 ft	VMP-6-5-072219	7/22/2019	<0 02	U		<0.011	ND,UJ	UJ	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U	
		VMP-6-5-102519	10/25/2019	<0.018	U		<0.0092	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U	
		VMP-6-5-012320	1/23/2020	<0.021	U		<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U	
		VMP-6-5-042720	4/27/2020	0.0012	J		0.0026	J		<0.0058	U		0.00076	J		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U	
	10 ft	VMP-6-10-072219	7/22/2019	<0.018	U		<0.0093	ND,UJ	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-6-10-102519	10/25/2019	<0.018	U		<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-6-10-012320	1/23/2020	<0.019	U		<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U	
		VMP-6-10-042720	4/27/2020	<0.018	U		0.0026	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
	31.5 ft	VMP-6-31.5-072219	7/22/2019	<0.019	U		<0.0099	ND,UJ	UJ	0.0027	J		<0.0065	U		<0.01	U		<0.0092	U		0.0049	J		<0.056	U	
		VMP-6-31.5-102519	10/25/2019	<0.018	U		<0.0096	U	UJ	<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U	
		VMP-6-31.5-022120	2/21/2020	<0.016	U		0.01			<0.0049	U		<0.0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U	
		VMP-6-31.5-042720	4/27/2020	0.0017	J		<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.00078	J		<0.059	U	
VMP-7	5 ft	VMP-7-5-072319	7/23/2019	<0.017	U		<0.0091	U		0.0015	J		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-7-5-072319-DUP	7/23/2019	<0.016	U		0.0069	J		0.00068	J		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U	
		VMP-7-5-102419	10/24/2019	<0.017	U		<0.009	U	UJ	<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U	
		VMP-7-5-012720	1/27/2020	<0.018	U		<0.0097	ND,UJ	UJ	<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U	
		VMP-7-5-042720	4/27/2020	<0 02	U		0.0097	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.001	J		<0.06	U	
	13.5 ft	VMP-7-13.5-072319	7/23/2019	<0.017	U		0.012			0.11			0.0052	J		<0.0093	U		<0.0084	U		0.18			<0.052	U	
		VMP-7-13.5-102419	10/24/2019	<0.016	U		<0.0086	U	UJ	<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U	
		VMP-7-13.5-012720	1/27/2020	<0.018	U		<0.0092	ND,UJ	UJ	<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U	
		VMP-7-13.5-042720	4/27/2020	<0 02	U		<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	J	U
	29.5 ft	VMP-7-29.5-072319	7/23/2019	<0.018	U		0.012			0.0007	J		<0.0061	U		<0.0095	U		<0.0086	U		0.0027	J		<0.053	U	
		VMP-7-29.5-102419	10/24/2019	<0.016	U		<0.0084	U	UJ	<0.0049	U		<0.0055	J	U	<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U	
		VMP-7-29.5-102419-DUP	10/24/2019	<0.016	U		<0.0084	U	UJ	<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U	
		VMP-7-29.5-012720	1/27/2020	<0.018	U		<0.0093	ND,UJ	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U	
		VMP-7-29.5-012720-DUP	1/27/2020	<0.018	U		<0.0094	ND,UJ	UJ	<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U	
		VMP-7-29.5-042720	4/27/2020	<0 02	U		0.0035	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U	
VMP-8	5 ft	VMP-8-5-072219	7/22/2019	<0.016	U		<0.0086	ND,UJ	UJ	<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U	
		VMP-8-5-101819	10/18/2019	<0.018	U		<0.0092	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U	
		VMP-8-5-012220	1/22/2020	<0 02	U		<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U	
		VMP-8-5-012220-DUP	1/22/2020	<0 02	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U	
		VMP-8-5-042220	4/22/2020	<0.018	U		<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
	9.5 ft	VMP-8-9.5-072219	7/22/2019	<0.017	U		0.012	J0	J	0.12			0.027			<0.0089	U		<0.0081	U		0.19			<0.05	U	
		VMP-8-9.5-101819	10/18/2019	<0.017	U		<0.009	U	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U	
		VMP-8-9.5-012220	1/22/2020	<0 02	U		<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U	
		VMP-8-9.5-042220	4/22/2020	<0.018	U		0.0066	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
	23.5 ft	VMP-8-23.5-072219	7/22/2019	<0.018	U		<0.0097	ND,UJ	UJ	<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.002	J		<0.055	U	
		VMP-8-23.5-101819	10/18/2019	<0.018	U		0.019		J	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-8-23.5-012220	1/22/2020	<0.019	U		0.014			<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U	
		VMP-8-23.5-042220	4/22/2020	<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0065			<0.054	U	
	35.5 ft	VMP-8-35.5-072219	7/22/2019	<0.017	U		<0.0091	ND,UJ	UJ	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		0.006			<0.052	U	
		VMP-8-35.5-072219-DUP	7/22/2019	<0.017	U		<0.0091	ND,UJ	UJ	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-8-35.5-101819	10/18/2019	<0.017	U		<0.0089	U	UJ	<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U	
		VMP-8-35.5-012220	1/22/2020	<0.019	U		0.011			<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U	
		VMP-8-35.5-042220	4/22/2020	<0.018	U		<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	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	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene		
				0.22						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-9	5 ft	VMP-9-5-071919	7/19/2019	<0.018	U		<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U	
		VMP-9-5-102519	10/25/2019	<0.018	U		<0.0094	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U	
		VMP-9-5-012220	1/22/2020	<0.017	U		<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U	
		VMP-9-5-042220	4/22/2020	<0.018	U		0.01			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
	11.5 ft	VMP-9-11.5-071919	7/19/2019	<0.018	U		<0.0097	U		0.0089			<0.0063	U		<0.0099	U		<0.009	U		0.15			<0.055	U	
		VMP-9-11.5-102519	10/25/2019	<0.019	U		<0.0099	U	UJ	<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
		VMP-9-11.5-012220	1/22/2020	<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-9-11.5-042220	4/22/2020	<0.019	U		0.0037	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
	25.5 ft	VMP-9-25.5-071919	7/19/2019	<0.018	U		0.014			0.00089	J		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U	
		VMP-9-25.5-071919-DUP	7/19/2019	<0.019	U		0.015			0.00068	J		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U	
		VMP-9-25.5-102519	10/25/2019	<0 02	U		<0.01	U	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U	
		VMP-9-25.5-012220	1/22/2020	<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-9-25.5-042220	4/22/2020	<0.017	U		0.0046	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U	
		VMP-9-25.5-042220-DUP	4/22/2020	<0.017	U		0.0086	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
VMP-18	8.5 ft	VMP-18-8.5-072619	7/26/2019	<0.018	U		0.0046	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U	
		VMP-18-8.5-072619-DUP	7/26/2019	<0.018	U		0.0057	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-18-8.5-102319	10/23/2019	<0.018	U		<0.0095	ND,UJ	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-18-8.5-102319-DUP	10/23/2019	<0.019	U		<0.0098	ND,UJ	UJ	<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
		VMP-18-8.5-012420	1/24/2020	<0.021	U		<0.011	ND,UJ	UJ	<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U	
		VMP-18-8.5-042920	4/29/2020	<0.017	U		0.0072	J		<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U	
		VMP-18-8.5-042920-DUP	4/29/2020	<0.016	U		0.029			<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U	
VMP-19	5 ft	VMP-19-5-073119	7/31/2019	<0.018	U		0.013		J	<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U	
		VMP-19-5-111519R	11/15/2019	<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-19-5-022120	2/21/2020	<0.017	U		<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-19-5-043020	4/30/2020	<0.017	U		0.0067	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U	
		VMP-19-5-043020-DUP	4/30/2020	<0.017	U		0.0072	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U	
VMP-20	5 ft	VMP-20-5-072219	7/22/2019	<0.017	U		0.0072	J	J	0.0025	J		<0.0058	U		<0.0091	U		<0.0083	U		0.0092			<0.051	U	
		VMP-20-5-102319	10/23/2019	<0.017	U		<0.0087	ND,UJ	J	<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U	
		VMP-20-5-012420	1/24/2020	<0 02	U		<0.01	ND,UJ	UJ	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U	
		VMP-20-5-022120	2/21/2020	<0.017	U		<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U	
		VMP-20-5-042420	4/24/2020	<0.018	U		0.016		J	<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U	
	10 ft	VMP-20-10-072219	7/22/2019	<0.017	U		<0.009	ND,UJ	UJ	<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U	
		VMP-20-10-102319	10/23/2019	<0.017	U		0.013	J0	J	<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U	
		VMP-20-10-012420	1/24/2020	<0.018	U		<0.0096	ND,UJ	UJ	<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U	
		VMP-20-10-042420	4/24/2020	<0.018	U		<0.0096	U	UJ	<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U	
	25 ft	VMP-20-25-072619	7/26/2019	<0.018	U		<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U	
		VMP-20-25-102319	10/23/2019	<0.018	U		0.017	J0	J	<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U	
		VMP-20-25-102319-DUP	10/23/2019	<0.017	U		0.007	J		<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U	
		VMP-20-25-012420	1/24/2020	<0 02	U		<0.01	ND,UJ	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U	
		VMP-20-25-042420	4/24/2020	<0.019	U		0.0055	J	J	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
VMP-21	5 ft	VMP-21-5-072919	7/29/2019	<0.018	U		<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-21-5-102319	10/23/2019	<0.021	U		0.011			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U	
		VMP-21-5-012220	1/22/2020	<0 02	U		<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U	
		VMP-21-5-042320	4/23/2020	<0 02	U		0.033	J0	J	<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U	
	10 ft	VMP-21-10-072919	7/29/2019	<0.018	U		<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-21-10-072919-DUP	7/29/2019	<0.017	U		<0.0091	U	UJ	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-21-10-102319	10/23/2019	<0.017	U		0.0089	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U	
		VMP-21-10-102319-DUP	10/23/2019	<0.018	U		0.0035	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-21-10-012220	1/22/2020	<0 02	U		<0.01	U		0.0082			0.0016	J		<0.011	U		<0.0098	U		0.015			<0.06	U	
		VMP-21-10-042320	4/23/2020	<0.018	U		<0.0092	ND,UJ	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U	
	25 ft	VMP-21-25-072919	7/29/2019	<0.018	U		<0.0097	U	UJ	<0.0056	U		0.0017	J		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
		VMP-21-25-102319	10/23/2019	<0.017	U		0.012			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-21-25-012220	1/22/2020	<0 02	U		<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U	
		VMP-21-25-042320	4/23/2020	<0 02	U		<0.01	ND,UJ	UJ	<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U	
	33 ft	VMP-21-33-072919	7/29/2019	<0.017	U		<0.009	U	UJ	<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U	
		VMP-21-33-102319	10/23/2019	<0.017	U		0.012			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U	
		VMP-21-33-012220	1/22/2020	<0 02	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0058	U		<0.061	U	
		VMP-21-33-042320	4/23/2020	<0.017	U		<0.009	ND,UJ	UJ	<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		0.0026	J		<0.051	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	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene		
				0.22						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-22	5 ft	VMP-22-5-072419	7/24/2019	<0.019	U		0.0037	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
		VMP-22-5-102319	10/23/2019	<0.017	U		<0.0091	ND,UJ	UJ	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-22-5-012320	1/23/2020	<0.017	U		<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-22-5-042820	4/28/2020	<0.018	U		0.011	J0	J	<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U	
	10 ft	VMP-22-10-072419	7/24/2019	<0.018	U		0.0089	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		0.0033	J		<0.053	U	
		VMP-22-10-102319	10/23/2019	<0.018	U		<0.0093	ND,UJ	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U	
		VMP-22-10-012320	1/23/2020	<0.019	U		<0.01	U		0.0068			0.0017	J		<0.01	U		<0.0094	U		0.011			<0.057	U	
		VMP-22-10-042820	4/28/2020	<0.017	U		0.0046	J	J	<0.005	U		<0.0057	U		<0.0088	U		<0.0081	U		<0.0047	U		<0.049	U	
	18 ft	VMP-22-18-072419	7/24/2019	<0.019	U		0.0035	J		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U	
		VMP-22-18-102319	10/23/2019	<0.018	U		0.0076	J	J	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U	
		VMP-22-18-012320	1/23/2020	<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-22-18-042820	4/28/2020	<0.018	U		0.012	J0	J	<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U	
	38 ft	VMP-22-38-072419	7/24/2019	<0.018	U		0.0058	J		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U	
		VMP-22-38-102319	10/23/2019	<0.017	U		<0.0088	ND,UJ	UJ	0.00082	J		<0.0058	U		<0.009	U		<0.0082	U		0.0034	J		<0.05	U	
		VMP-22-38-012320	1/23/2020	<0.019	U		<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
		VMP-22-38-012320-DUP	1/23/2020	<0.019	U		<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
		VMP-22-38-042820	4/28/2020	<0.018	U		0.035	J0	J	<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		0.0024	J		<0.054	U	
		VMP-22-38-042820-DUP	4/28/2020	<0.019	U		0.0061	J	J	<0.0057	U		0.0036	J		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
VMP-23	5 ft	VMP-23-5-072419	7/24/2019	<0.019	U		<0.0098	U		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
		VMP-23-5-102419	10/24/2019	<0.017	U		<0.0088	U	UJ	<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U	
		VMP-23-5-012820	1/28/2020	<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-23-5-042820	4/28/2020	<0.018	U		0.015	J0	J	<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U	
	10 ft	VMP-23-10-072419	7/24/2019	<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-23-10-102419	10/24/2019	<0.018	U		<0.0093	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-23-10-012820	1/28/2020	<0.017	U		<0.0091	U		0.0039	J		<0.0059	U		<0.0092	U		<0.0084	U		0.0056			<0.051	U	
		VMP-23-10-042820	4/28/2020	<0.018	U		0.0072	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U	
	25 ft	VMP-23-25-072419	7/24/2019	<0.017	U		0.005	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-23-25-102419	10/24/2019	<0.018	U		0.0025	J	J	<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
		VMP-23-25-012820	1/28/2020	<0.016	U		<0.0083	U		<0.0048	U		<0.0054	U		<0.0085	U		<0.0077	U		<0.0045	U		<0.047	U	
		VMP-23-25-012820-DUP	1/28/2020	<0.016	U		<0.0084	U		<0.0048	U		<0.0054	U		<0.0085	U		<0.0078	U		<0.0045	U		<0.047	U	
		VMP-23-25-042820	4/28/2020	<0.019	U		0.016	J0	J	<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U	
		VMP-23-25-042820-DUP	4/28/2020	<0.017	U		0.011	J0	J	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		0.0015	J		<0.051	U	
VMP-24	5 ft	VMP-24-5-102219	10/22/2019	<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-24-5-012320	1/23/2020	<0.021	U		<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U	
		VMP-24-5-012320-DUP	1/23/2020	<0.018	U		<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
		VMP-24-5-042220	4/22/2020	<0.019	U		<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
	10 ft	VMP-24-10-102219	10/22/2019	<0.016	U		<0.0086	U		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U	
		VMP-24-10-012320	1/23/2020	<0.021	U		<0.011	U		<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U	
		VMP-24-10-042220	4/22/2020	<0.018	U		0.0062	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
	22 ft	VMP-24-22-102219	10/22/2019	<0.017	U		0.0093	J0	J	<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U	
		VMP-24-22-012320	1/23/2020	<0 02	U		<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U	
		VMP-24-22-042220	4/22/2020	<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-24-22-042220-DUP	4/22/2020	<0.019	U		0.0088	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
	34 ft	VMP-24-34-102219	10/22/2019	<0.016	U		0.0082	J		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U	
		VMP-24-34-012320	1/23/2020	<0 02	U		<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U	
		VMP-24-34-042220	4/22/2020	<0.018	U		0.0086	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
VMP-32	5 ft	VMP-32-5-072319	7/23/2019	<0.018	U		0.0042	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-32-5-072319-DUP	7/23/2019	<0.018	U		0.0038	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-32-5-102419	10/24/2019	<0.018	U		<0.0093	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-32-5-012820	1/28/2020	<0.027	U		<0.014	U		<0.0082	U		<0.0093	U		<0.014	U		<0.013	U		<0.0078	U		<0.081	U	
		VMP-32-5-042920	4/29/2020	<0 02	U		0.0064	J	J	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.0023	J		<0.058	U	
	10 ft	VMP-32-10-072319	7/23/2019	<0.017	U		0.015			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-32-10-102419	10/24/2019	<0.018	U		0.0084	J	J	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-32-10-012820	1/28/2020	<0.019	U		<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U	
		VMP-32-10-042920	4/29/2020	<0 02	U		0.0089	J	J	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U	
	20 ft	VMP-32-20-072319	7/23/2019	<0.018	U		0.0056	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.0039	J		<0.055	U	
		VMP-32-20-012820	1/28/2020	<0.019	U		<0.01	U		<0.0058	U		0.00084	J		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U	
		VMP-32-20-042920	4/29/2020	<0 02	U		0.011		J	<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U	
	30 ft	VMP-32-30-072319	7/23/2019	<0 02	U		<0.01	U		0.0028	J		<0.0068	U		<0.01	U		<0.0096	U		0.043			<0.059	U	
		VMP-32-30-102419	10/24/2019	<0.018	U		0.0021	J	J	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-32-30-012820	1/28/2020	<0.021	U		<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	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	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene		
				0.22						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-42	10 ft	VMP-42-10-072319	7/23/2019	<0.018	U		<0.0093	U		0.0019	J		0.0019	J		<0.0095	U		<0.0086	U		0.021			<0.053	U	
		VMP-42-10-102119	10/21/2019	<0.016	U		0.0029	J		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U	
		VMP-42-10-012720	1/27/2020	<0.021	U		<0.011	U	UJ	<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U	
		VMP-42-10-042920	4/29/2020	<0.021	U		0.013		J	<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U	
	20 ft	VMP-42-20-072319	7/23/2019	<0.017	U		0.014			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-42-20-102119	10/21/2019	<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-42-20-012720	1/27/2020	<0 02	U		<0.011	U	UJ	<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U	
		VMP-42-20-042920	4/29/2020	<0 02	U		0.015		J	<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U	
		VMP-42-20-042920-DUP	4/29/2020	<0.018	U		0.012		J	<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
	30 ft	VMP-42-30-072319	7/23/2019	<0.018	U		<0.0093	U		0.0013	J		<0.0061	U		<0.0095	U		<0.0086	U		0.0072			<0.053	U	
		VMP-42-30-102119	10/21/2019	<0.016	U		<0.0083	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U	
		VMP-42-30-102119-DUP	10/21/2019	<0.017	U		<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		0.0023	J		<0.052	U	
		VMP-42-30-012720	1/27/2020	<0.021	U		<0.011	U	UJ	<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U	
		VMP-42-30-042920	4/29/2020	<0.023	U		0.017		J	<0.0068	U		<0.0077	U		<0.012	U		<0.011	U		<0.0064	U		<0.067	U	
VMP-43	10 ft	VMP-43-10-080119	8/1/2019	<0.017	U		0.0038	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U	
		VMP-43-10-102119	10/21/2019	<0.017	U		0.034			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U	
		VMP-43-10-012720	1/27/2020	<0.017	U		<0.009	ND,UJ	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U	
		VMP-43-10-043020	4/30/2020	<0.019	U		0.036			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U	
	20 ft	VMP-43-20-080119	8/1/2019	<0.017	U		0.0079	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U	
		VMP-43-20-102119	10/21/2019	<0.018	U		0.008	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-43-20-012720	1/27/2020	<0 02	U		<0.01	ND,UJ	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U	
		VMP-43-20-043020	4/30/2020	<0 02	U		0.01	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U	
	30 ft	VMP-43-30-080119	8/1/2019	<0.017	U		0.0058	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-43-30-102119	10/21/2019	<0.018	U		0.0047	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-43-30-102119-DUP	10/21/2019	<0.018	U		0.0045	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-43-30-012720	1/27/2020	<0.019	U		<0.0099	ND,UJ	UJ	<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
		VMP-43-30-043020	4/30/2020	<0.018	U		0.011			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
VMP-44	10 ft	VMP-44-10-072319	7/23/2019	<0.019	U		0.014			0.0012	J		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U	
		VMP-44-10-102419	10/24/2019	<0.016	U		<0.0086	U	UJ	<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U	
		VMP-44-10-012720	1/27/2020	<0.021	U		<0.011	ND,UJ	UJ	<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U	
		VMP-44-10-043020	4/30/2020	<0.017	U		0.0048	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U	
	20 ft	VMP-44-20-072319	7/23/2019	0.0028	J		0.0057	J		0.0012	J		<0.0058	U		<0.0091	U		<0.0083	U		0.0013	J		<0.051	U	
		VMP-44-20-102419	10/24/2019	<0.017	U		<0.0088	U	UJ	<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U	
		VMP-44-20-012720	1/27/2020	<0.021	U		0.012	J0	J	<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U	
		VMP-44-20-043020	4/30/2020	<0.018	U		0.0048	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
	30 ft	VMP-44-30-072319	7/23/2019	<0.017	U		0.011			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U	
		VMP-44-30-102419	10/24/2019	<0.016	U		<0.0083	U	UJ	<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U	
		VMP-44-30-012720	1/27/2020	<0.017	U		<0.009	ND,UJ	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U	
		VMP-44-30-012720-DUP	1/27/2020	<0.018	U		<0.0092	ND,UJ	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U	
		VMP-44-30-043020	4/30/2020	<0.018	U		0.0054	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
VMP-45	10 ft	VMP-45-10-080119	8/1/2019	<0.018	U		0.0043	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0022	J		<0.054	U	
		VMP-45-10-111519R	11/15/2019	<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U	
		VMP-45-10-012720	1/27/2020	<0.018	U		<0.0094	ND,UJ	UJ	0.0035	J		<0.0061	U		<0.0096	U		<0.0087	U		0.0048	J		<0.053	U	
		VMP-45-10-042720	4/27/2020	<0.019	U		<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U	
	20 ft	VMP-45-20-080119	8/1/2019	0.0094	J		0.0048	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.00099	J		<0.055	U	
		VMP-45-20-102419	10/24/2019	<0.016	U		<0.0086	U	UJ	<0.005	U		<0.0056	J	U	<0.0088	U		<0.008	U		0.0029	J		<0.049	U	
		VMP-45-20-012720	1/27/2020	<0.018	U		<0.0093	ND,UJ	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U	
		VMP-45-20-042720	4/27/2020	<0.018	U		<0.0094	U		<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U	
	30 ft	VMP-45-30-080119	8/1/2019	<0.018	U		0.0046	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-45-30-102419	10/24/2019	<0.017	U		<0.009	U	UJ	<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U	
		VMP-45-30-102419-DUP	10/24/2019	<0.016	U		0.005	J	J	<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U	
		VMP-45-30-012720	1/27/2020	<0 02	U		<0.01	ND,UJ	UJ	<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U	
		VMP-45-30-042720	4/27/2020	<0.017	U		<0.0089	U		<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	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	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene		
				0.22						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-47	5 ft	VMP-47-5-072619	7/26/2019	<0.018	U		<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U	
		VMP-47-5-102319	10/23/2019	0.0055	J		0.014			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-47-5-012920	1/29/2020	<0.021	U		<0.011	ND,UJ	UJ	0.0092		J	<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U	
		VMP-47-5-012920-DUP	1/29/2020	<0 02	U		<0.011	ND,UJ	UJ	0.088		J	0.0059	J		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U	
		VMP-47-5-042820	4/28/2020	<0 02	U		0.0069	J	J	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U	
	10 ft	VMP-47-10-072619	7/26/2019	<0.018	U		0.0028	J		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U	
		VMP-47-10-102319	10/23/2019	<0.019	U		0.011			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
		VMP-47-10-012920	1/29/2020	<0 02	U		<0.01	ND,UJ	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U	
		VMP-47-10-042820	4/28/2020	<0 02	U		0.0062	J	J	<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U	
		VMP-47-10-042820-DUP	4/28/2020	<0 02	U		0.0088	J	J	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U	
	20 ft	VMP-47-20-072619	7/26/2019	<0.018	U		0.0036	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-47-20-102319	10/23/2019	<0.018	U		0.0085	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
		VMP-47-20-012920	1/29/2020	<0.019	U		<0.0098	ND,UJ	UJ	<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U	
		VMP-47-20-042820	4/28/2020	<0.019	U		0.0094	J	J	<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U	
	30 ft	VMP-47-30-072619	7/26/2019	<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-47-30-102319	10/23/2019	<0.019	U		0.014			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U	
		VMP-47-30-012920	1/29/2020	<0 02	U		<0.011	ND,UJ	UJ	<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U	
		VMP-47-30-042820	4/28/2020	<0.019	U		0.0071	J	J	<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U	
VMP-48	5 ft	VMP-48-5-072619	7/26/2019	<0.019	U		<0.0098	U		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
		VMP-48-5-102119	10/21/2019	<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-48-5-012920	1/29/2020	<0.021	U		<0.011	ND,UJ	UJ	<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U	
		VMP-48-5-042420	4/24/2020	<0.021	U		0.016		J	<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U	
	10 ft	VMP-48-10-072619	7/26/2019	<0.018	U		<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U	
		VMP-48-10-102119	10/21/2019	<0.017	U		0.007	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U	
		VMP-48-10-012920	1/29/2020	<0.021	U		<0.011	ND,UJ	UJ	<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U	
		VMP-48-10-042420	4/24/2020	<0 02	U		0.0047	J	J	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U	
	20 ft	VMP-48-20-102119	10/21/2019	<0.017	U		<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U	
	30 ft	VMP-48-30-072619	7/26/2019	<0.018	U		<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U	
		VMP-48-30-102119	10/21/2019	<0.018	U		<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.008			<0.055	U	
		VMP-48-30-012920	1/29/2020	<0.021	U		<0.011	ND,UJ	UJ	<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U	
VMP-49	5 ft	VMP-49-5-072919	7/29/2019	<0.018	U		<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-49-5-101819	10/18/2019	<0.017	U		<0.0091	U	UJ	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		0.0012	J		<0.052	U	
		VMP-49-5-012220	1/22/2020	<0.018	U		<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U	
		VMP-49-5-042920	4/29/2020	<0.021	U		0.009	J	J	<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U	
	10 ft	VMP-49-10-072919	7/29/2019	<0.018	U		<0.0093	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-49-10-101819	10/18/2019	<0.017	U		0.0024	J	J	<0.0052	U		0.00053	J		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U	
		VMP-49-10-012220	1/22/2020	<0.021	U		<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U	
		VMP-49-10-042920	4/29/2020	<0.018	U		0.015		J	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U	
	20 ft	VMP-49-20-072919	7/29/2019	<0.018	U		0.0066	J	J	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-49-20-101819	10/18/2019	<0 02	U		0.0072	J	J	<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U	
		VMP-49-20-012220	1/22/2020	<0.019	U		<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U	
		VMP-49-20-042920	4/29/2020	<0.018	U		0.0092	J	J	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U	
		VMP-49-20-042920-DUP	4/29/2020	<0.019	U		0.0076	J	J	<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
	30 ft	VMP-49-30-072919	7/29/2019	<0.018	U		<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-49-30-101819	10/18/2019	<0.019	U		<0.01	U	UJ	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U	
		VMP-49-30-012220	1/22/2020	<0.018	U		<0.0097	U		<0.0056	U		<0.0063	U		0.0048	J		<0.009	U		<0.0053	U		<0.055	U	
		VMP-49-30-042920	4/29/2020	<0.018	U		0.0098		J	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
VMP-50	5 ft	VMP-50-5-073019	7/30/2019	<0.017	U		<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U	
		VMP-50-5-102319	10/23/2019	<0.017	U		<0.009	ND,UJ	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U	
		VMP-50-5-012820	1/28/2020	<0 02	U		<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U	
		VMP-50-5-042820	4/28/2020	<0.019	U		0.0067	J	J	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		0.0017	J		<0.056	U	
	10 ft	VMP-50-10-073019	7/30/2019	<0.019	U		<0.0098	U	UJ	<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U	
		VMP-50-10-102319	10/23/2019	<0.018	U		0.012	J0	J	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U	
		VMP-50-10-012820	1/28/2020	<0 02	U		<0.011	U		<0.0061	U		0.00089	J		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U	
		VMP-50-10-042820	4/28/2020	<0 02	U		0.014	J0	J	<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U	
	20 ft	VMP-50-20-073019	7/30/2019	<0 02	U		<0.01	U	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U	
		VMP-50-20-102319	10/23/2019	<0.019	U		<0.0099	ND,UJ	UJ	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
		VMP-50-20-012820	1/28/2020	<0 02	U		<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U	
		VMP-50-20-042820	4/28/2020	<0.018	U		0.01	J0	J	<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U	
	30 ft	VMP-50-30-073019	7/30/2019	<0 37	U		<0.19	U	UJ	0.19			0.1	J		<0 2	U		<0.18	U		1.8			<1.1	U	
		VMP-50-30-102319	10/23/2019	<0.18	U		<0.095	U		0.13			0.078			<0.097	U		<0.088	U		1.7			<0.54	U	
		VMP-50-30-012820	1/28/2020	<0 39	U		<0.2	U		<0.12	U		<0.13	U		<0.21	U		<0.19	U		<0.11	U		<1.1	U	
		VMP-50-30-042820	4/28/2020	<0 24	U		<0.13	ND,UJ	UJ	0.067	J		0.021	J		<0.13	U		<0.12	U		0.52			<0.72	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	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene		
				0.22						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-51	5 ft	VMP-51-5-072419	7/24/2019	<0.018	U		0.0034	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
		VMP-51-5-102519	10/25/2019	<0.019	U		0.0025	J	J	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
		VMP-51-5-012820	1/28/2020	<0 02	U		<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U	
		VMP-51-5-012820-DUP	1/28/2020	<0 02	U		<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U	
		VMP-51-5-042720	4/27/2020	<0.017	U		<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U	
	10 ft	VMP-51-10-072419	7/24/2019	<0.017	U		0.0035	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U	
		VMP-51-10-102519	10/25/2019	<0.018	U		0.0041	J	J	<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U	
		VMP-51-10-012820	1/28/2020	<0 02	U		<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U	
		VMP-51-10-042720	4/27/2020	<0.019	U		0.0072	J		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
	20 ft	VMP-51-20-072419	7/24/2019	<0.018	U		<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
		VMP-51-20-102519	10/25/2019	<0.018	U		<0.0094	U	UJ	<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U	
		VMP-51-20-022120	2/21/2020	<0.017	U		<0.009	U		0.0012	J		<0.0058	U		<0.0091	U		<0.0083	U		0.0038	J		<0.051	U	
		VMP-51-20-042720	4/27/2020	<0.019	U		<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
	30 ft	VMP-51-30-072419	7/24/2019	<0.017	U		0.0036	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U	
		VMP-51-30-102519	10/25/2019	<0.018	U		<0.0092	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U	
		VMP-51-30-102519-DUP	10/25/2019	<0.018	U		<0.0094	U	UJ	<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U	
		VMP-51-30-012820	1/28/2020	<0.019	U		<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U	
		VMP-51-30-042720	4/27/2020	<0.017	U		0.0056	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U	
VMP-52	5 ft	VMP-52-5-072619	7/26/2019	<0.018	U		<0.0096	U		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U	
		VMP-52-5-072619-DUP	7/26/2019	<0.018	U		<0.0094	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U	
		VMP-52-5-102219	10/22/2019	<0.018	U		<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
		VMP-52-5-012320	1/23/2020	<0.021	U		<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U	
		VMP-52-5-042720	4/27/2020	<0.017	U		0.0058	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U	
	10 ft	VMP-52-10-072619	7/26/2019	<0.018	U		<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U	
		VMP-52-10-102219	10/22/2019	<0.018	U		0.032			<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-52-10-042720	4/27/2020	<0.017	U		0.0045	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
	20 ft	VMP-52-20-072219	7/22/2019	<0.018	U		<0.0097	ND,UJ	UJ	<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
		VMP-52-20-102219	10/22/2019	<0.018	U		0.0044	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-52-20-012320	1/23/2020	<0.018	U		<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U	
		VMP-52-20-042720	4/27/2020	0.0052	J		<0.0098	U		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
	30 ft	VMP-52-30-072219	7/22/2019	<0.018	U		<0.0093	ND,UJ	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-52-30-102219	10/22/2019	<0.017	U		0.019			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-52-30-102219-DUP	10/22/2019	<0.018	U		0.018			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0024	J		<0.054	U	
		VMP-52-30-012320	1/23/2020	<0 02	U		<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U	
		VMP-52-30-042720	4/27/2020	<0.018	U		0.0055	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U	
		VMP-52-30-042720-DUP	4/27/2020	<0.018	U		0.0066	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
VMP-53	5 ft	VMP-53-5-071919	7/19/2019	<0.018	U		0.016			0.0034	J		<0.0061	U		<0.0096	U		<0.0087	U		0.0092			<0.053	U	
		VMP-53-5-101819	10/18/2019	<0.017	U		<0.0088	U	UJ	<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U	
		VMP-53-5-012220	1/22/2020	<0 02	U		<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U	
		VMP-53-5-042220	4/22/2020	<0.018	U		0.0075	J		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U	
	10 ft	VMP-53-10-071919	7/19/2019	<0.018	U		0.012			<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U	
		VMP-53-10-101819	10/18/2019	<0 02	U		0.0039	J	J	<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U	
		VMP-53-10-012220	1/22/2020	<0.017	U		<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U	
		VMP-53-10-042220	4/22/2020	<0.018	U		0.0039	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
	20 ft	VMP-53-20-071919	7/19/2019	<0.019	U		0.012			0.0011	J		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
		VMP-53-20-101819	10/18/2019	<0.018	U		<0.0093	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U	
		VMP-53-20-012220	1/22/2020	<0.018	U		<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U	
		VMP-53-20-042220	4/22/2020	<0.018	U		0.0061	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
	30 ft	VMP-53-30-071919	7/19/2019	<0.019	U		0.011			<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U	
		VMP-53-30-101819	10/18/2019	<0.017	U		<0.0088	U	UJ	<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U	
		VMP-53-30-101819-DUP	10/18/2019	<0.018	U		<0.0093	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-53-30-012220	1/22/2020	<0.019	U		<0.0098	U		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
		VMP-53-30-012220-DUP	1/22/2020	<0.019	U		0.015			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
		VMP-53-30-042220	4/22/2020	<0.019	U		<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	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	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene		
				0.22						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-54	5 ft	VMP-54-5-072219	7/22/2019	<0.018	U		0.008	J	J	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-54-5-102219	10/22/2019	<0.018	U		0.01			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
		VMP-54-5-012220	1/22/2020	<0.024	U		<0.013	U		<0.0073	U		<0.0082	U		<0.013	U		<0.012	U		<0.0069	U		<0.071	U	
		VMP-54-5-042720	4/27/2020	<0.019	U		<0.0099	U		<0.0057	U		0.0027	J		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
		VMP-54-5-052120	5/21/2020	<0.017	U		<0.0091	U		0.0019	J		0.0019	J		<0.0093	U		<0.0084	U		0.0016	J		<0.052	U	
	10 ft	VMP-54-10-072219	7/22/2019	<0.018	U		<0.0093	ND,UJ	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		0.0023	J		<0.053	U	
		VMP-54-10-102219	10/22/2019	<0.018	U		0.011			<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-54-10-031220	3/12/2020	<0.018	U		0.0038	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		0.0039	J		<0.053	U	
		VMP-54-10-042720	4/27/2020	<0.019	U		<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U	
	20 ft	VMP-54-20-072219	7/22/2019	<0.017	U		0.011	J0	J	<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U	
		VMP-54-20-102219	10/22/2019	<0.019	U		<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
		VMP-54-20-012220	1/22/2020	<0.019	U		<0.0098	U		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
		VMP-54-20-042720	4/27/2020	<0.018	U		0.0052	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
	30 ft	VMP-54-30-072219	7/22/2019	<0.018	U		<0.0095	ND,UJ	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-54-30-102219	10/22/2019	<0.021	U		0.012			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U	
		VMP-54-30-012220	1/22/2020	<0.022	U		<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	U	
		VMP-54-30-042720	4/27/2020	0.0033	J		<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
VMP-56	10 ft	VMP-56-10-072319	7/23/2019	<0.018	U		0.019			0.00077	J		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-56-10-102119	10/21/2019	<0.016	U		0.0034	J		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U	
		VMP-56-10-012220	1/22/2020	<0 02	U		<0.011	U		<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U	
		VMP-56-10-042420	4/24/2020	0.0014	J		0.0056	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	
	25 ft	VMP-56-25-072319	7/23/2019	<0.017	U		0.015			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-56-25-102119	10/21/2019	<0.018	U		0.012			0 01			0.0019	J		<0.0099	U		<0.009	U		0.024			<0.055	U	
		VMP-56-25-012220	1/22/2020	<0.019	U		<0.0098	U		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
		VMP-56-25-042420	4/24/2020	0.026			0.0079	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U	
VMP-62	5 ft	VMP-62-5-072919	7/29/2019	<0.018	U		<0.0097	U	UJ	<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
		VMP-62-5-102319	10/23/2019	<0.018	U		0.0091	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-62-5-012920	1/29/2020	<0.017	U		<0.0091	ND,UJ	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U	
		VMP-62-5-042820	4/28/2020	<0.019	U		0.046		J	<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		0.0012	J		<0.058	U	
	10 ft	VMP-62-10-072919	7/29/2019	<0.017	U		<0.0088	U	UJ	<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U	
		VMP-62-10-072919-DUP	7/29/2019	<0.018	U		<0.0093	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-62-10-102319	10/23/2019	<0.018	U		0.0061	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
		VMP-62-10-012920	1/29/2020	<0.018	U		<0.0096	ND,UJ	UJ	<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U	
		VMP-62-10-042820	4/28/2020	<0.022	U		0.014		J	<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U	
	20 ft	VMP-62-20-072919	7/29/2019	<0.017	U		<0.0091	U	UJ	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-62-20-102319	10/23/2019	<0.018	U		0.0042	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-62-20-012920	1/29/2020	<0.021	U		<0.011	ND,UJ	UJ	<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U	
		VMP-62-20-042820	4/28/2020	<0 02	U		0.0056	J	J	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U	
		VMP-62-20-042820-DUP	4/28/2020	<0 02	U		<0.01	U	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U	
	30 ft	VMP-62-30-072919	7/29/2019	<0.016	U		<0.0086	U	UJ	<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U	
		VMP-62-30-102319	10/23/2019	<0.019	U		0.01			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U	
		VMP-62-30-012920	1/29/2020	<0.019	U		<0.01	ND,UJ	UJ	<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U	
		VMP-62-30-042820	4/28/2020	<0.021	U		0.04		J	<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U	
VMP-63	5 ft	VMP-63-5-072319	7/23/2019	<0.019	U		0.017			0.00092	J		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U	
		VMP-63-5-102419	10/24/2019	<0.017	U		<0.0088	U	UJ	<0.005	U		<0.0057	J	U	<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U	
		VMP-63-5-102419-DUP	10/24/2019	<0.018	U		0.0044	J	J	<0.0054	U		<0.0061	J	U	<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-63-5-012720	1/27/2020	<0.019	U		<0.01	U	UJ	<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U	
		VMP-63-5-012720-DUP	1/27/2020	<0 02	U		<0.011	U	UJ	<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0058	U		<0.061	U	
		VMP-63-5-042420	4/24/2020	<0.017	U		0.0019	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U	
	10 ft	VMP-63-10-072319	7/23/2019	<0.018	U		0.011			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-63-10-102419	10/24/2019	<0.016	U		<0.0086	U	UJ	<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U	
		VMP-63-10-012720	1/27/2020	<0.017	U		<0.0091	ND,UJ	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U	
		VMP-63-10-042420	4/24/2020	<0.019	U		0.002	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U	
	20 ft	VMP-63-20-072319	7/23/2019	<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-63-20-102419	10/24/2019	<0.018	U		0.047		J	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-63-20-012720	1/27/2020	<0 02	U		<0.01	U	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U	
		VMP-63-20-042420	4/24/2020	<0.017	U		<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U	
	30 ft	VMP-63-30-072319	7/23/2019	<0.018	U		0.0042	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-63-30-102419	10/24/2019	<0.018	U		<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-63-30-012720	1/27/2020	<0 02	U		<0.01	U	UJ	<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U	
		VMP-63-30-042420	4/24/2020	<0.018	U		<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	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	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene		
				0.22						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-64	5 ft	VMP-64-5-072519	7/25/2019	<0.017	U		0.0049	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U	
		VMP-64-5-072519-DUP	7/25/2019	<0.018	U		<0.0093	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U	
		VMP-64-5-102319	10/23/2019	<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U	
		VMP-64-5-012820	1/28/2020	<0 02	U		<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U	
		VMP-64-5-042420	4/24/2020	0.001	J		0.0045	J		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U	
	10 ft	VMP-64-10-072519	7/25/2019	<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U	
		VMP-64-10-102319	10/23/2019	<0.018	U		0.0089	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U	
		VMP-64-10-012820	1/28/2020	<0.019	U		<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U	
		VMP-64-10-042420	4/24/2020	<0.016	U		<0.0086	U		<0.0049	U		<0.0056	U		<0.0087	U		<0.008	U		<0.0047	U		<0.049	U	
	20 ft	VMP-64-20-072519	7/25/2019	<0.019	U		<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U	
		VMP-64-20-102319	10/23/2019	<0.018	U		<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U	
		VMP-64-20-012820	1/28/2020	<0.021	U		0.0045	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U	
		VMP-64-20-042420	4/24/2020	<0.018	U		0.0068	J		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U	
		VMP-64-20-042420-DUP	4/24/2020	<0.018	U		0.0085	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	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	Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene		
													600						3700								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-1-5-072319	7/23/2019	0.0024	J		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.013	U		<0.0066	U	
		VMP-1-5-102419	10/24/2019	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0022	J		<0.0062	U	
		VMP-1-5-012720	1/27/2020	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-1-5-042420	4/24/2020	0.0014	J		<0.022	U		0.0038	J		0.0019	J		<0.0054	U		<0.019	U		0.007	J		0.0051	J	
	8.5 ft	VMP-1-8.5-072319	7/23/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-1-8.5-102419	10/24/2019	<0.0099	U		<0.046	U		<0.033	U		<0.014	U		<0.011	U		<0.04	U		<0.028	U		<0.014	U	
		VMP-1-8.5-102419-DUP	10/24/2019	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-1-8.5-111519R	11/15/2019	<0.0045	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-1-8.5-012720	1/27/2020	<0.0051	U		<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U		<0.014	U		0.0029	J	
		VMP-1-8.5-042420	4/24/2020	<0.0046	U		<0.021	U		0.004	J		<0.0064	U		<0.0053	U		<0.019	U		<0.013	U		<0.0064	U	
	23.5 ft	VMP-1-23.5-072319	7/23/2019	0.0059			<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.0027	J		<0.0066	U	
		VMP-1-23.5-102419	10/24/2019	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0026	J		<0.0059	U	
		VMP-1-23.5-012720	1/27/2020	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0056	J		<0.0062	U	
		VMP-1-23.5-042420	4/24/2020	<0.0042	U		<0.019	U		0.0038	J		<0.0058	U		<0.0048	U		<0.017	U		0.008	J		<0.0058	U	
	38.5 ft	VMP-1-38.5-012720	1/27/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.018	U		<0.012	U		<0.0063	U	
VMP-2	5 ft	VMP-2-5-072519	7/25/2019	<0.0041	U		<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U	
		VMP-2-5-102119	10/21/2019	<0.0041	U		<0.019	U		0.022			<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U	
		VMP-2-5-012420	1/24/2020	<0.0047	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.013	U		<0.0065	U	
		VMP-2-5-042420	4/24/2020	<0.0047	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.067			<0.0065	U	
	8.5 ft	VMP-2-8.5-072519	7/25/2019	<0.0047	U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.013	U		<0.0066	U	
		VMP-2-8.5-102119	10/21/2019	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U	
		VMP-2-8.5-012420	1/24/2020	<0.0049	U		<0.023	U		0.003	J		<0.0068	U		<0.0057	U		<0.02	U		<0.014	U		<0.0068	U	
		VMP-2-8.5-042420	4/24/2020	<0.0046	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0046	J		<0.0065	U	
	22 ft	VMP-2-22-072519	7/25/2019	<0.0043	U		<0.02	U		0.0032	J		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U	
		VMP-2-22-102119	10/21/2019	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0019	J		<0.0059	U	
		VMP-2-22-012420	1/24/2020	<0.0049	U		<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U		<0.014	U		<0.0068	U	
		VMP-2-22-042420	4/24/2020	<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U		0.0038	J		<0.007	U	
		VMP-2-22-042420-DUP	4/24/2020	<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U		0.0053	J		<0.007	U	
VMP-3	5 ft	VMP-3-5-072519	7/25/2019	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-3-5-101819	10/18/2019	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-3-5-012720	1/27/2020	<0.006	U		<0.028	U		<0.02	U		<0.0084	U		<0.007	U		<0.024	U		<0.017	U		<0.0084	U	
		VMP-3-5-012720-DUP	1/27/2020	<0.0048	U		<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		<0.013	U		<0.0067	U	
		VMP-3-5-042920	4/29/2020	<0.0048	U		<0.022	U		0.0028	J		<0.0066	U		<0.0055	U		<0.019	U		0.0072	J		<0.0066	J	U
	10 ft	VMP-3-10-072519	7/25/2019	0.0021	J		<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.018	U		0.0041	J		<0.0062	U	
		VMP-3-10-072519-DUP	7/25/2019	<0.0054	U		<0.025	U		<0.018	U		<0.0075	U		<0.0062	U		<0.022	U		0.0025	J		<0.0075	U	
		VMP-3-10-101819	10/18/2019	<0.0052	U		<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.021	U		<0.014	U		<0.0073	U	
		VMP-3-10-022120	2/21/2020	<0.004	U		<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		<0.011	U		<0.0056	U	
	22 ft	VMP-3-22-072519	7/25/2019	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-3-22-101819	10/18/2019	0.0084			<0.021	U		0.008	J		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-3-22-012720	1/27/2020	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		0.004	J		<0.0064	U	
		VMP-3-22-042920	4/29/2020	<0.005	U		<0.024	U		<0.017	U		<0.007	U		<0.0059	U		<0.021	U		0.0072	J		<0.007	U	
	31.5 ft	VMP-3-31.5-072519	7/25/2019	<0.0046	U		<0.021	U		<0.015	U		0.00087	J		<0.0054	U		<0.019	U		<0.013	U		<0.0064	U	
		VMP-3-31.5-101819	10/18/2019	6.6	J		<59	U		2300			<18	U		<15	U		<52	U		18	J		<18	U	
		VMP-3-31.5-101819-DUP	10/18/2019	6.8	J		<58	U		2300			<17	U		<14	U		<51	U		14	J		<17	U	
		VMP-3-31.5-022120	2/21/2020	<0.041	U		<0.19	U		14			<0.058	U		<0.048	U		<0.17	U		<0.12	U		<0.058	U	
		VMP-3-31.5-042920	4/29/2020	3.4		J	<5.3	U		1600		J	0.34	J	J	<1 3	U		<1.2	U		<3.2	U		0.93	J	J
VMP-4	5 ft	VMP-4-5-072519	7/25/2019	<0.0044	U		<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.018	U		0.002	J		<0.0062	U	
		VMP-4-5-102119	10/21/2019	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0019	J		<0.0059	U	
		VMP-4-5-012320	1/23/2020	<0.0045	U		<0.021	U		0.0075	J		<0.0063	U		<0.0053	U		<0.019	U		0.0097	J		<0.0063	U	
		VMP-4-5-042820	4/28/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.005	J		<0.0063	U	
	12 ft	VMP-4-12-072519	7/25/2019	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U	
		VMP-4-12-102119	10/21/2019	0.0022	J		<0.021	U		0.0038	J		<0.0062	U		<0.0052	U		<0.018	U		0.0052	J		<0.0062	U	
		VMP-4-12-012320	1/23/2020	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-4-12-042820	4/28/2020	<0.0047	U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.0039	J		0.0016	J	
	23.5 ft	VMP-4-23.5-072519	7/25/2019	0.0066			<0.021	U		0.015			0.006	J		<0.0052	U		<0.018	U		0.0073	J		<0.0062	U	
		VMP-4-23.5-102119	10/21/2019	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U	
		VMP-4-23.5-012320	1/23/2020	<0.0047	U		<0.022	U		0.0072	J		<0.0066	U		<0.0055	U		<0.019	U		<0.013	U		<0.0066	U	
		VMP-4-23.5-042820	4/28/2020	<0.0046	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0037	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	Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene		
													600						3700								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-5-5-072419	7/24/2019	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0046	J		<0.0059	U	
		VMP-5-5-072419-DUP	7/24/2019	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0061	J		<0.0058	U	
		VMP-5-5-102119	10/21/2019	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U	
		VMP-5-5-012820	1/28/2020	<0.004	U		<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		<0.011	U		<0.0055	U	
		VMP-5-5-042720	4/27/2020	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0029	J		<0.0058	U	
	12.5 ft	VMP-5-12.5-072419	7/24/2019	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-5-12.5-102119	10/21/2019	<0.0039	U		<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		<0.011	U		<0.0055	U	
		VMP-5-12.5-012820	1/28/2020	<0.0046	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.013	U		<0.0065	U	
		VMP-5-12.5-042720	4/27/2020	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0033	J		<0.0059	U	
	31 ft	VMP-5-31-072419	7/24/2019	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U	
		VMP-5-31-102119	10/21/2019	<0.0051	U		<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U		<0.014	U		<0.0071	U	
		VMP-5-31-012820	1/28/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-5-31-042720	4/27/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0055	J		<0.0062	U	
VMP-6	5 ft	VMP-6-5-072219	7/22/2019	0.0029	J		<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.02	U		<0.014	U		<0.0069	U	
		VMP-6-5-102519	10/25/2019	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U	
		VMP-6-5-012320	1/23/2020	<0.0051	U		<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U		0.031			<0.0071	U	
		VMP-6-5-042720	4/27/2020	<0.0047	U		<0.022	U		0.0016	J		0.0018	J		<0.0055	U		<0.019	U		0.0071	J		0.005	J	
	10 ft	VMP-6-10-072219	7/22/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-6-10-102519	10/25/2019	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-6-10-012320	1/23/2020	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		0.026			<0.0064	U	
		VMP-6-10-042720	4/27/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.0044	J		<0.0063	U	
	31.5 ft	VMP-6-31.5-072219	7/22/2019	0.0024	J		<0.022	U		0.012	J		<0.0065	U		<0.0054	U		<0.019	U		0.011	J		<0.0065	U	
		VMP-6-31.5-102519	10/25/2019	0.0013	J		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	J	U
		VMP-6-31.5-022120	2/21/2020	<0.004	U		<0.018	U		0.0047	J		<0.0055	U		<0.0046	U		<0.016	U		<0.011	U		<0.0055	U	
		VMP-6-31.5-042720	4/27/2020	<0.0049	U		<0.023	U		0.0015	J		<0.0068	U		<0.0056	U		<0.02	U		0.0054	J		0.0022	J	
VMP-7	5 ft	VMP-7-5-072319	7/23/2019	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0048	J		<0.0059	U	
		VMP-7-5-072319-DUP	7/23/2019	<0.0039	U		<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		0.0038	J		<0.0055	U	
		VMP-7-5-102419	10/24/2019	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U	
		VMP-7-5-012720	1/27/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.018	U		<0.013	U		<0.0063	U	
		VMP-7-5-042720	4/27/2020	0.00098	J		0.0025	J		<0.017	U		<0.0069	U		<0.0058	U		<0.02	U		0.015			<0.0069	U	
	13.5 ft	VMP-7-13.5-072319	7/23/2019	0.16			<0.02	U		0.062			0.0033	J		<0.005	U		<0.017	U		<0.012	U		0.004	J	
		VMP-7-13.5-102419	10/24/2019	<0.004	U		<0.019	U		0.005	J		<0.0056	U		<0.0047	U		<0.016	U		<0.011	U		<0.0056	U	
		VMP-7-13.5-012720	1/27/2020	0.0017	J		<0.02	U		0.0029	J		<0.006	U		<0.005	U		<0.018	U		0.0049	J		<0.006	U	
		VMP-7-13.5-042720	4/27/2020	<0.005	U		<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.02	U		0.0041	J		<0.0069	U	
	29.5 ft	VMP-7-29.5-072319	7/23/2019	0.009			<0.02	U		0.011	J		<0.0061	U		<0.005	U		<0.018	U		0.0029	J		<0.0061	U	
		VMP-7-29.5-102419	10/24/2019	<0.0039	U		<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		<0.011	U		<0.0055	U	
		VMP-7-29.5-102419-DUP	10/24/2019	<0.0039	U		<0.018	U		0.0021	J		<0.0055	U		<0.0046	U		<0.016	U		0.0048	J		<0.0055	U	
		VMP-7-29.5-012720	1/27/2020	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.02			<0.006	U	
		VMP-7-29.5-012720-DUP	1/27/2020	<0.0044	U		<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.018	U		0.02			<0.0062	U	
		VMP-7-29.5-042720	4/27/2020	<0.0049	U		<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U		0.0034	J		<0.0068	U	
VMP-8	5 ft	VMP-8-5-072219	7/22/2019	<0.004	U		<0.019	U		0.0031	J		0.0021	J		<0.0047	U		<0.016	U		0.0046	J		0.0068		
		VMP-8-5-101819	10/18/2019	0.0017	J		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U	
		VMP-8-5-012220	1/22/2020	0.0021	J		<0.023	U		0.0072	J		<0.0068	U		<0.0057	U		<0.02	U		0.03			<0.0068	U	
		VMP-8-5-012220-DUP	1/22/2020	<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U		0.0067	J		<0.007	U	
		VMP-8-5-042220	4/22/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.0032	J		0.00092	J	
	9.5 ft	VMP-8-9.5-072219	7/22/2019	0.11			<0.019	U		0.039			0.0046	J		<0.0048	U		<0.017	U		0.0057	J		0.0056	J	
		VMP-8-9.5-101819	10/18/2019	<0.0042	U		<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U	
		VMP-8-9.5-012220	1/22/2020	<0.0048	U		<0.022	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U		0.049			<0.0068	U	
		VMP-8-9.5-042220	4/22/2020	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0037	J		<0.0062	U	
	23.5 ft	VMP-8-23.5-072219	7/22/2019	0.0051			<0.021	U		0.0024	J		<0.0063	U		<0.0053	U		<0.019	U		0.019			<0.0063	U	
		VMP-8-23.5-101819	10/18/2019	<0.0044	U		<0.021	U		<0.015	U		0.0016	J		<0.0052	U		<0.018	U		0.002	J		0.0049	J	
		VMP-8-23.5-012220	1/22/2020	<0.0047	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.14			<0.0065	U	
		VMP-8-23.5-042220	4/22/2020	0.017			<0.021	U		0.017			<0.0062	U		<0.0052	U		<0.018	U		0.0037	J		<0.0062	U	
	35.5 ft	VMP-8-35.5-072219	7/22/2019	0.013			<0.02	U		0.0062	J		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U	
		VMP-8-35.5-072219-DUP	7/22/2019	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U	
		VMP-8-35.5-101819	10/18/2019	<0.0042	U		<0.019	U		<0.014	U		0.001	J		<0.0048	U		<0.017	U		0.0013	J		<0.0058	U	
		VMP-8-35.5-012220	1/22/2020	<0.0048	U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.098			<0.0066	U	
		VMP-8-35.5-042220	4/22/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.0028	J		<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	Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene		
																			600								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-9	5 ft	VMP-9-5-071919	7/19/2019	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0081	J		<0.006	U	
		VMP-9-5-102519	10/25/2019	<0.0044	U		<0.02	U		<0.015	U		<0.0061	J	U	<0.0051	U		<0.018	U		<0.012	U		<0.0061	J	U
		VMP-9-5-012220	1/22/2020	<0.0042	U		<0.02	U		0.003	J		<0.0059	U		<0.0049	U		<0.017	U		0.029			<0.0059	U	
		VMP-9-5-042220	4/22/2020	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0066	J		<0.0062	U	
	11.5 ft	VMP-9-11.5-071919	7/19/2019	0.033			<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.01	J		<0.0063	U	
		VMP-9-11.5-102519	10/25/2019	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.019	U		<0.013	U		<0.0064	U	
		VMP-9-11.5-012220	1/22/2020	0.0017	J		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.027			<0.0062	U	
		VMP-9-11.5-042220	4/22/2020	0.0011	J		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0059	J		<0.0065	U	
	25.5 ft	VMP-9-25.5-071919	7/19/2019	<0.0044	U		<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.018	U		0.0059	J		<0.0062	J	U
		VMP-9-25.5-071919-DUP	7/19/2019	<0.0047	U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.009	J		<0.0066	J	U
		VMP-9-25.5-102519	10/25/2019	<0.0048	U		0.00086	J		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		<0.013	U		<0.0067	U	
		VMP-9-25.5-012220	1/22/2020	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.023			<0.0061	U	
		VMP-9-25.5-042220	4/22/2020	<0.0041	U		<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		0.0022	J		<0.0057	U	
		VMP-9-25.5-042220-DUP	4/22/2020	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0072	J		<0.0059	U	
VMP-18	8.5 ft	VMP-18-8.5-072619	7/26/2019	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		0.0095	J		<0.0061	U	
		VMP-18-8.5-072619-DUP	7/26/2019	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.009	J		<0.0062	U	
		VMP-18-8.5-102319	10/23/2019	0.0077			<0.021	U		0.007	J		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-18-8.5-102319-DUP	10/23/2019	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.013	U		<0.0064	U	
		VMP-18-8.5-012420	1/24/2020	<0.0052	U		<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.021	U		<0.014	U		<0.0073	U	
		VMP-18-8.5-042920	4/29/2020	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		0.068		J	<0.0058	U	
		VMP-18-8.5-042920-DUP	4/29/2020	<0.0039	U		<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		0.56		J	<0.0055	U	
VMP-19	5 ft	VMP-19-5-073119	7/31/2019	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-19-5-111519R	11/15/2019	<0.0044	U		<0.021	U		0.0031	J		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-19-5-022120	2/21/2020	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0041	J		<0.0059	U	
		VMP-19-5-043020	4/30/2020	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.01	J		<0.0058	U	
		VMP-19-5-043020-DUP	4/30/2020	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.013			<0.0058	U	
VMP-20	5 ft	VMP-20-5-072219	7/22/2019	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.004	J		<0.0058	U	
		VMP-20-5-102319	10/23/2019	<0.0041	U		<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U	
		VMP-20-5-012420	1/24/2020	<0.005	U		<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.02	U		<0.014	U		<0.0069	U	
		VMP-20-5-022120	2/21/2020	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U	
		VMP-20-5-042420	4/24/2020	<0.0045	U		<0.021	U		<0.015	U		0.0011	J		<0.0052	U		<0.018	U		0.011	J		<0.0063	U	
	10 ft	VMP-20-10-072219	7/22/2019	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0044	J		<0.0058	U	
		VMP-20-10-102319	10/23/2019	<0.0041	U		<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U	
		VMP-20-10-012420	1/24/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.026			<0.0062	U	
		VMP-20-10-042420	4/24/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.018	U		0.0016	J		<0.0063	U	
	25 ft	VMP-20-25-072619	7/26/2019	<0.0045	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-20-25-102319	10/23/2019	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-20-25-102319-DUP	10/23/2019	0.00078	J		<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		0.0018	J		<0.0058	U	
		VMP-20-25-012420	1/24/2020	<0.0048	U		<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		0.027			<0.0067	U	
		VMP-20-25-042420	4/24/2020	<0.0046	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0054	J		<0.0065	U	
VMP-21	5 ft	VMP-21-5-072919	7/29/2019	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-21-5-102319	10/23/2019	<0.0051	U		<0.024	U		<0.017	U		0.001	J		<0.0059	U		<0.021	U		<0.014	U		0.0037	J	
		VMP-21-5-012220	1/22/2020	<0.0048	U		<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		0.026			<0.0067	U	
		VMP-21-5-042320	4/23/2020	<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U		0.044		J	<0.007	U	
	10 ft	VMP-21-10-072919	7/29/2019	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0078	J		<0.0062	U	
		VMP-21-10-072919-DUP	7/29/2019	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0085	J		<0.0059	U	
		VMP-21-10-102319	10/23/2019	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U	
		VMP-21-10-102319-DUP	10/23/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-21-10-012220	1/22/2020	0.019			<0.023	U		0.017			<0.0069	U		<0.0057	U		<0.02	U		0.03			<0.0069	U	
		VMP-21-10-042320	4/23/2020	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.006	J	J	<0.006	U	
	25 ft	VMP-21-25-072919	7/29/2019	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.0045	J		<0.0063	U	
		VMP-21-25-102319	10/23/2019	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0052	J		<0.0059	U	
		VMP-21-25-012220	1/22/2020	<0.0049	U		<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U		0.031			<0.0068	U	
		VMP-21-25-042320	4/23/2020	<0.0049	U		<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U		<0.014	U	UJ	<0.0068	U	
	33 ft	VMP-21-33-072919	7/29/2019	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0097	J		0.0052	J	
		VMP-21-33-102319	10/23/2019	<0.0041	U		<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U	
		VMP-21-33-012220	1/22/2020	<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U		0.047			<0.007	U	
		VMP-21-33-042320	4/23/2020	0.0036	J		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U	UJ	<0.0058	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	Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene		
																			600								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-22	5 ft	VMP-22-5-072419	7/24/2019	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.019	U		0.002	J		<0.0064	U	
		VMP-22-5-102319	10/23/2019	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U	
		VMP-22-5-012320	1/23/2020	<0.0043	U		<0.02	U		0.002	J		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U	
		VMP-22-5-042820	4/28/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.018	U		0.022			<0.0063	U	
	10 ft	VMP-22-10-072419	7/24/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-22-10-102319	10/23/2019	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-22-10-012320	1/23/2020	0.015			<0.022	U		0.011	J		<0.0066	U		<0.0055	U		<0.019	U		0.0061	J		<0.0066	U	
		VMP-22-10-042820	4/28/2020	<0.0041	U		<0.019	U		0.0029	J		<0.0057	U		<0.0047	U		<0.017	U		0.0034	J		<0.0057	U	
	18 ft	VMP-22-18-072419	7/24/2019	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.013	U		<0.0064	U	
		VMP-22-18-102319	10/23/2019	<0.0043	U		<0.02	U		0.0096	J		<0.006	U		<0.005	U		<0.018	U		0.0025	J		<0.006	U	
		VMP-22-18-012320	1/23/2020	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.04			0.0022	J	
		VMP-22-18-042820	4/28/2020	<0.0045	U		<0.021	U		0.0028	J		<0.0063	U		<0.0053	U		<0.018	U		0.0057	J		<0.0063	U	
	38 ft	VMP-22-38-072419	7/24/2019	<0.0045	U		<0.021	U		0.0041	J		<0.0063	U		<0.0052	U		<0.018	U		<0.012	U		<0.0063	U	
		VMP-22-38-102319	10/23/2019	0.0093			<0.019	U		0 02			<0.0058	U		<0.0048	U		<0.017	U		0.0033	J		<0.0058	U	
		VMP-22-38-012320	1/23/2020	<0.0046	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0068	J		<0.0065	U	
		VMP-22-38-012320-DUP	1/23/2020	<0.0046	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.013	U		<0.0065	U	
		VMP-22-38-042820	4/28/2020	<0.0044	U		<0.021	U		0.0078	J		<0.0062	U		<0.0052	U		<0.018	U		0.034		J	<0.0062	U	
		VMP-22-38-042820-DUP	4/28/2020	<0.0046	U		<0.021	U		0.0027	J		<0.0064	U		<0.0054	U		<0.019	U		0.0061	J	J	<0.0064	U	
VMP-23	5 ft	VMP-23-5-072419	7/24/2019	0.0019	J		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.013	U		<0.0064	U	
		VMP-23-5-102419	10/24/2019	<0.0041	U		<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		0.002	J		<0.0057	U	
		VMP-23-5-012820	1/28/2020	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		0.0073			<0.018	U		<0.012	U		<0.0061	U	
		VMP-23-5-042820	4/28/2020	<0.0044	U		<0.02	U		0.0026	J		<0.0061	U		<0.0051	U		<0.018	U		0.014			<0.0061	U	
	10 ft	VMP-23-10-072419	7/24/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		0.0016	J	
		VMP-23-10-102419	10/24/2019	<0.0044	U		<0.02	U		0.0052	J		<0.0061	U		<0.005	U		<0.018	U		0.0032	J		<0.0061	U	
		VMP-23-10-012820	1/28/2020	0.0058			<0.02	U		0.0028	J		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U	
		VMP-23-10-042820	4/28/2020	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		0.0046	J		<0.0061	U	
	25 ft	VMP-23-25-072419	7/24/2019	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0047	J		<0.0059	U	
		VMP-23-25-102419	10/24/2019	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.0024	J		<0.0063	U	
		VMP-23-25-012820	1/28/2020	<0.0039	U		<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U	
		VMP-23-25-012820-DUP	1/28/2020	<0.0039	U		<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U	
		VMP-23-25-042820	4/28/2020	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		0.0037	J	J	<0.0064	U	
		VMP-23-25-042820-DUP	4/28/2020	0.0014	J		<0.02	U		0.0033	J		<0.0059	U		<0.0049	U		<0.017	U		0.18		J	<0.0059	U	
VMP-24	5 ft	VMP-24-5-102219	10/22/2019	0.0014	J		<0.02	U		<0.014	U		0.00091	J		<0.005	U		<0.018	U		<0.012	U		0.0023	J	
		VMP-24-5-012320	1/23/2020	<0.0052	U		<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.021	U		0.023			<0.0073	U	
		VMP-24-5-012320-DUP	1/23/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.032			<0.0063	U	
		VMP-24-5-042220	4/22/2020	<0.0046	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0031	J		<0.0065	U	
	10 ft	VMP-24-10-102219	10/22/2019	<0.004	U		<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		<0.011	U		<0.0056	U	
		VMP-24-10-012320	1/23/2020	<0.0052	U		<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.021	U		0.012	J		0.0049	J	
		VMP-24-10-042220	4/22/2020	<0.0044	U		<0.021	U		0.0054	J		0.0011	J		<0.0052	U		<0.018	U		0.0042	J		0.004	J	
	22 ft	VMP-24-22-102219	10/22/2019	<0.0041	U		<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U	
		VMP-24-22-012320	1/23/2020	<0.0048	U		<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		0.03			<0.0067	U	
		VMP-24-22-042220	4/22/2020	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.013			<0.0062	U	
		VMP-24-22-042220-DUP	4/22/2020	<0.0046	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0076	J		<0.0065	U	
	34 ft	VMP-24-34-102219	10/22/2019	<0.0039	U		<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		0.0016	J		<0.0054	U	
		VMP-24-34-012320	1/23/2020	<0.005	U		<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.02	U		0.013	J		<0.0069	U	
		VMP-24-34-042220	4/22/2020	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0077	J		<0.0062	U	
VMP-32	5 ft	VMP-32-5-072319	7/23/2019	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.003	J		<0.0062	U	
		VMP-32-5-072319-DUP	7/23/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0034	J		<0.0061	U	
		VMP-32-5-102419	10/24/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-32-5-012820	1/28/2020	<0.0067	U		<0.031	U		0.015	J		0.0022	J		<0.0078	U		<0.027	U		0.016	J		<0.0093	U	
		VMP-32-5-042920	4/29/2020	0.004	J		<0.022	U		0.0035	J		<0.0067	U		<0.0056	U		<0.02	U		0.0043	J		<0.0067	U	
	10 ft	VMP-32-10-072319	7/23/2019	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0033	J		<0.0059	U	
		VMP-32-10-102419	10/24/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-32-10-012820	1/28/2020	<0.0047	U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.002	J		<0.0066	U	
		VMP-32-10-042920	4/29/2020	<0.0048	U		<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		0.0099	J		<0.0067	U	
	20 ft	VMP-32-20-072319	7/23/2019	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.0058	J		<0.0063	U	
		VMP-32-20-012820	1/28/2020	<0.0047	U		<0.022	U		<0.016	U		0.002	J		<0.0055	U		<0.019	U		0.006	J		0.0037	J	
		VMP-32-20-042920	4/29/2020	<0.0049	U		<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U		0.0089	J		<0.0068	U	
	30 ft	VMP-32-30-072319	7/23/2019	0.012			<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U		0.0053	J		<0.0068	U	
		VMP-32-30-102419	10/24/2019	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0013	J		<0.0062	U	
		VMP-32-30-012820	1/28/2020	<0.0051	U		<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U		0.0016	J		<0.0071	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	Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene		
																			600								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-42	10 ft	VMP-42-10-072319	7/23/2019	0.068			<0.02	U		0.11			0.0019	J		<0.005	U		<0.018	U		0.0068	J		0.0049	J	
		VMP-42-10-102119	10/21/2019	<0.0039	U		<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		<0.011	U		<0.0055	U	
		VMP-42-10-012720	1/27/2020	<0.0052	U		<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.021	U		<0.014	U		<0.0073	U	
		VMP-42-10-042920	4/29/2020	<0.0052	U		<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U		0.0051	J		<0.0072	U	
	20 ft	VMP-42-20-072319	7/23/2019	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0027	J		<0.0059	U	
		VMP-42-20-102119	10/21/2019	<0.0044	U		<0.02	U		<0.014	U		0.0016	J		<0.005	U		<0.018	U		<0.012	U		0.0043	J	
		VMP-42-20-012720	1/27/2020	<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U		<0.014	U		<0.007	U	
		VMP-42-20-042920	4/29/2020	<0.0049	U		<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U		0.0063	J		<0.0068	U	
		VMP-42-20-042920-DUP	4/29/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.0057	J		<0.0063	U	
	30 ft	VMP-42-30-072319	7/23/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0054	J		<0.0061	U	
		VMP-42-30-102119	10/21/2019	<0.0039	U		<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U	
		VMP-42-30-102119-DUP	10/21/2019	0.0047			<0.02	U		0.0036	J		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U	
		VMP-42-30-012720	1/27/2020	<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.021	U		<0.014	U		<0.007	U	
		VMP-42-30-042920	4/29/2020	<0.0056	U		<0.026	U		<0.018	U		<0.0077	U		<0.0064	U		<0.023	U		0.011	J		<0.0077	U	
VMP-43	10 ft	VMP-43-10-080119	8/1/2019	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0053	J		<0.0058	U	
		VMP-43-10-102119	10/21/2019	<0.0041	U		<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U	
		VMP-43-10-012720	1/27/2020	<0.0042	U		<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U	
		VMP-43-10-043020	4/30/2020	<0.0047	U		<0.022	U		<0.016	U		0.0008	J		<0.0055	U		<0.019	U		0.0084	J		<0.0066	U	
	20 ft	VMP-43-20-080119	8/1/2019	0.00076	J		<0.019	ND,UJ	UJ	<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0045	J		<0.0058	U	
		VMP-43-20-102119	10/21/2019	<0.0044	U		<0.02	U		0.0045	J		<0.0061	U		<0.005	U		<0.018	U		0.012			<0.0061	U	
		VMP-43-20-012720	1/27/2020	<0.0048	U		<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		0.032			<0.0067	U	
		VMP-43-20-043020	4/30/2020	<0.0049	U		<0.023	U		<0.016	U		0.0014	J		<0.0056	U		<0.02	U		0.0089	J		0.0035	J	
	30 ft	VMP-43-30-080119	8/1/2019	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0028	J		<0.0059	U	
		VMP-43-30-102119	10/21/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.003	J		<0.0061	U	
		VMP-43-30-102119-DUP	10/21/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0026	J		<0.0061	U	
		VMP-43-30-012720	1/27/2020	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.019	U		0.028			<0.0064	U	
		VMP-43-30-043020	4/30/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.0068	J		<0.0063	U	
VMP-44	10 ft	VMP-44-10-072319	7/23/2019	0.0036	J		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.0022	J		<0.0066	U	
		VMP-44-10-102419	10/24/2019	<0.004	U		<0.019	U		<0.014	U		<0.0056	J	U	<0.0047	U		<0.016	U		<0.011	U		<0.0056	J	U
		VMP-44-10-012720	1/27/2020	0.0033	J		<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U		0.025			<0.0072	U	
		VMP-44-10-043020	4/30/2020	<0.0041	U		<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		0.012			<0.0057	U	
	20 ft	VMP-44-20-072319	7/23/2019	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0054	J		<0.0058	U	
		VMP-44-20-102419	10/24/2019	<0.0041	U		<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U	
		VMP-44-20-012720	1/27/2020	<0.005	U		<0.024	U		<0.017	U		<0.007	U		<0.0059	U		<0.021	U		0.047			<0.007	U	
		VMP-44-20-043020	4/30/2020	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0088	J		0.0011	J	
	30 ft	VMP-44-30-072319	7/23/2019	0.00097	J		<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		0.0027	J		<0.0057	U	
		VMP-44-30-102419	10/24/2019	<0.0039	U		<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U	
		VMP-44-30-012720	1/27/2020	<0.0042	U		<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U	
		VMP-44-30-012720-DUP	1/27/2020	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U	
		VMP-44-30-043020	4/30/2020	<0.0044	U		<0.021	U		0.0029	J		<0.0062	U		<0.0052	U		<0.018	U		0.011	J		<0.0062	U	
VMP-45	10 ft	VMP-45-10-080119	8/1/2019	0.0048			<0.021	ND,UJ	UJ	0.006	J		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-45-10-111519R	11/15/2019	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		0.0038	J		<0.0061	U	
		VMP-45-10-012720	1/27/2020	0.0088			<0.02	U		0.0038	J		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-45-10-042720	4/27/2020	<0.0047	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0055	J		<0.0065	U	
	20 ft	VMP-45-20-080119	8/1/2019	0.0019	J		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.003	J		<0.0063	U	
		VMP-45-20-102419	10/24/2019	0.0045			<0.019	U		0.013	J		<0.0056	U		<0.0047	U		<0.016	U		<0.011	U		<0.0056	U	
		VMP-45-20-012720	1/27/2020	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-45-20-042720	4/27/2020	<0.0044	U		<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.018	U		0.0036	J		<0.0062	U	
	30 ft	VMP-45-30-080119	8/1/2019	0.0017	J		<0.021	ND,UJ	UJ	0.0046	J		<0.0062	U		<0.0052	U		<0.018	U		0.0069	J		<0.0062	U	
		VMP-45-30-102419	10/24/2019	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0013	J		<0.0058	U	
		VMP-45-30-102419-DUP	10/24/2019	0.0014	J		<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		<0.011	U		<0.0056	U	
		VMP-45-30-012720	1/27/2020	<0.0049	U		<0.023	U		0.002	J		<0.0068	U		<0.0056	U		<0.02	U		<0.014	U		0.0053	J	
		VMP-45-30-042720	4/27/2020	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		0.0024	J		<0.0058	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	Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene		
																			600								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-47	5 ft	VMP-47-5-072619	7/26/2019	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-47-5-102319	10/23/2019	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-47-5-012920	1/29/2020	<0.0052	U		<0.024	U		0.0076	J	J	0.008		J	<0.0061	U		<0.021	U		<0.015	U		0.0086		J
		VMP-47-5-012920-DUP	1/29/2020	<0.005	U		<0.023	U		0.012	J	J	0.1		J	<0.0058	U		<0.02	U		<0.014	U		0.097		J
		VMP-47-5-042820	4/28/2020	<0.005	U		<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.02	U		0.0058	J		<0.0069	U	
	10 ft	VMP-47-10-072619	7/26/2019	<0.0045	U		<0.021	U		<0.015	U		0.00083	J		<0.0052	U		<0.018	U		<0.012	U		0.0024	J	
		VMP-47-10-102319	10/23/2019	<0.0046	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.013	U		<0.0065	U	
		VMP-47-10-012920	1/29/2020	<0.0048	U		<0.022	U		0.0027	J	J	<0.0067	U		<0.0056	U		<0.02	U		<0.013	U		<0.0067	U	
		VMP-47-10-042820	4/28/2020	<0.0049	U		<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U		0.0035	J		<0.0068	U	
		VMP-47-10-042820-DUP	4/28/2020	<0.005	U		<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.02	U		0.0056	J		<0.0069	U	
	20 ft	VMP-47-20-072619	7/26/2019	<0.0044	U		<0.02	U		<0.014	U		0.00098	J		<0.005	U		<0.018	U		<0.012	U		0.0025	J	
		VMP-47-20-102319	10/23/2019	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		<0.013	U		<0.0063	U	
		VMP-47-20-012920	1/29/2020	<0.0046	U		<0.021	U		<0.015	U	UJ	<0.0064	U		<0.0053	U		<0.019	U		<0.013	U		0.0032	J	
		VMP-47-20-042820	4/28/2020	<0.0047	U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.0052	J		<0.0066	U	
	30 ft	VMP-47-30-072619	7/26/2019	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-47-30-102319	10/23/2019	<0.0047	U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.013	U		<0.0066	U	
		VMP-47-30-012920	1/29/2020	<0.005	U		<0.023	U		<0.017	U	UJ	<0.007	U		<0.0058	U		<0.02	U		<0.014	U		<0.007	U	
		VMP-47-30-042820	4/28/2020	<0.0047	U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.0038	J		<0.0066	U	
VMP-48	5 ft	VMP-48-5-072619	7/26/2019	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		0.063			<0.0064	U	
		VMP-48-5-102119	10/21/2019	<0.0044	U		<0.021	U		<0.015	U		0.0018	J		<0.0052	U		<0.018	U		<0.012	U		0.0047	J	
		VMP-48-5-012920	1/29/2020	<0.0051	U		<0.024	U		<0.017	U	UJ	<0.0071	U		<0.0059	U		<0.021	U		0.0056	J		<0.0071	U	
		VMP-48-5-042420	4/24/2020	<0.0052	U		<0.024	U		0.0038	J		<0.0072	U		<0.006	U		<0.021	U		0.023			<0.0072	U	
	10 ft	VMP-48-10-072619	7/26/2019	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U	
		VMP-48-10-102119	10/21/2019	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U	
		VMP-48-10-012920	1/29/2020	<0.0051	U		<0.024	U		<0.017	U	UJ	<0.0072	U		<0.006	U		<0.021	U		<0.014	U		<0.0072	U	
		VMP-48-10-042420	4/24/2020	<0.0048	U		<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		0.0037	J		<0.0067	U	
	20 ft	VMP-48-20-102119	10/21/2019	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0017	J		<0.0058	U	
	30 ft	VMP-48-30-072619	7/26/2019	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-48-30-102119	10/21/2019	0.02			<0.021	U		0.022			0.0011	J		<0.0053	U		<0.019	U		<0.013	U		0.0032	J	
		VMP-48-30-012920	1/29/2020	<0.005	U		<0.023	U		<0.017	U	UJ	<0.007	U		<0.0058	U		<0.021	U		<0.014	U		<0.007	U	
VMP-49	5 ft	VMP-49-5-072919	7/29/2019	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-49-5-101819	10/18/2019	0.0025	J		<0.02	U		0.0039	J		<0.0059	U		<0.005	U		<0.017	U		0.0018	J		<0.0059	U	
		VMP-49-5-012220	1/22/2020	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0066	J		<0.006	U	
		VMP-49-5-042920	4/29/2020	<0.0052	U		<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U		0.005	J		<0.0072	U	
	10 ft	VMP-49-10-072919	7/29/2019	<0.0044	U		<0.02	U		<0.014	U		0.0019	J		<0.005	U		<0.018	U		0.014			<0.0061	U	
		VMP-49-10-101819	10/18/2019	<0.0042	U		<0.02	U		<0.014	U		0.00075	J		<0.0049	U		<0.017	U		0.0016	J		0.0027	J	
		VMP-49-10-012220	1/22/2020	<0.0051	U		<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U		0.007	J		<0.0071	U	
		VMP-49-10-042920	4/29/2020	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0047	J		<0.006	U	
	20 ft	VMP-49-20-072919	7/29/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0091	J		<0.0061	U	
		VMP-49-20-101819	10/18/2019	<0.0049	U		<0.023	U		<0.016	U		0.0017	J		<0.0057	U		<0.02	U		<0.014	U		0.0048	J	
		VMP-49-20-012220	1/22/2020	<0.0047	U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.009	J		<0.0066	U	
		VMP-49-20-042920	4/29/2020	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.003	J		<0.006	U	
		VMP-49-20-042920-DUP	4/29/2020	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		0.0044	J		<0.0064	U	
	30 ft	VMP-49-30-072919	7/29/2019	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0057	J		<0.0062	U	
		VMP-49-30-101819	10/18/2019	<0.0047	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0014	J		<0.0065	U	
		VMP-49-30-012220	1/22/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.018	U		0.0077	J		<0.0063	U	
		VMP-49-30-042920	4/29/2020	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0044	J		<0.0062	U	
VMP-50	5 ft	VMP-50-5-073019	7/30/2019	<0.0041	U		<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		0.0095	J		<0.0058	U	
		VMP-50-5-102319	10/23/2019	<0.0042	U		<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U	
		VMP-50-5-012820	1/28/2020	<0.0049	U		<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U		0.0014	J		<0.0068	U	
		VMP-50-5-042820	4/28/2020	<0.0047	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0068	J		<0.0065	U	
	10 ft	VMP-50-10-073019	7/30/2019	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		0.0087	J		<0.0064	U	
		VMP-50-10-102319	10/23/2019	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U	
		VMP-50-10-012820	1/28/2020	<0.005	U		<0.023	U		<0.017	U		0.001	J		<0.0058	U		<0.02	U		0.0014	J		0.0033	J	
		VMP-50-10-042820	4/28/2020	<0.0049	U		<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U		0.0042	J		<0.0068	U	
	20 ft	VMP-50-20-073019	7/30/2019	<0.0048	U		<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		0.013	J		<0.0067	U	
		VMP-50-20-102319	10/23/2019	<0.0046	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.013	U		<0.0065	U	
		VMP-50-20-012820	1/28/2020	<0.0049	U		<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U		0.0025	J		<0.0068	U	
		VMP-50-20-042820	4/28/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.018	U		0.019			<0.0063	U	
	30 ft	VMP-50-30-073019	7/30/2019	4.5			<0.42	U		22			<0.12	U		<0.1	U		<0.37	U		<0.25	U		<0.12	U	
		VMP-50-30-102319	10/23/2019	4.6			<0.21	U		26			0.013	J		<0.052	U		<0.046	U		<0.12	U		<0.062	U	
		VMP-50-30-012820	1/28/2020	0.25			<0.44	U		15			<0.13	U		<0.11	U		<0.39	U		<0.26	U		<0.13	U	
		VMP-50-30-042820	4/28/2020	1.7			<0.28	U		12			<0.083	U		<0.069	U		<0.24	U		<0.17	U		<0.083	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	Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene		
																			600								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-51	5 ft	VMP-51-5-072419	7/24/2019	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		<0.013	U		<0.0063	U	
		VMP-51-5-102519	10/25/2019	<0.0046	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.013	U		<0.0065	U	
		VMP-51-5-012820	1/28/2020	<0.005	U		<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.02	U		<0.014	U		<0.0069	U	
		VMP-51-5-012820-DUP	1/28/2020	<0.0049	U		<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U		0.0016	J		<0.0068	U	
		VMP-51-5-042720	4/27/2020	<0.0042	U		<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		0.0035	J		<0.0059	U	
	10 ft	VMP-51-10-072419	7/24/2019	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U	
		VMP-51-10-102519	10/25/2019	0.0022	J		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U	
		VMP-51-10-012820	1/28/2020	<0.0049	U		<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U		<0.014	U		<0.0068	U	
		VMP-51-10-042720	4/27/2020	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		0.0045	J		<0.0064	U	
	20 ft	VMP-51-20-072419	7/24/2019	<0.0045	U		<0.021	U		<0.015	U		0.0036	J		<0.0053	U		<0.019	U		<0.013	U		0.0089		
		VMP-51-20-102519	10/25/2019	0.0039	J		<0.02	U		0.0027	J		<0.0062	U		<0.0051	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-51-20-022120	2/21/2020	0.0073			<0.019	U		0.0054	J		<0.0058	U		<0.0049	U		<0.017	U		0.0031	J		<0.0058	U	
		VMP-51-20-042720	4/27/2020	<0.0046	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0037	J		<0.0065	U	
	30 ft	VMP-51-30-072419	7/24/2019	<0.0041	U		<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U	
		VMP-51-30-102519	10/25/2019	0.0015	J		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U	
		VMP-51-30-102519-DUP	10/25/2019	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-51-30-012820	1/28/2020	0.0016	J		<0.022	U		0.011	J		<0.0066	U		<0.0055	U		<0.019	U		0.0051	J		<0.0066	U	
		VMP-51-30-042720	4/27/2020	<0.0041	U		<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		0.0036	J		0.00078	J	
VMP-52	5 ft	VMP-52-5-072619	7/26/2019	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.018	U		<0.012	U		<0.0063	U	
		VMP-52-5-072619-DUP	7/26/2019	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-52-5-102219	10/22/2019	<0.0045	U		<0.021	U		<0.015	U		0.0015	J		<0.0053	U		<0.019	U		<0.013	U		0.0045	J	
		VMP-52-5-012320	1/23/2020	<0.0051	U		<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U		0.014	J		<0.0072	U	
		VMP-52-5-042720	4/27/2020	<0.0041	U		<0.019	U		0.0038	J		<0.0057	U		<0.0048	U		<0.017	U		0.0025	J		<0.0057	U	
	10 ft	VMP-52-10-072619	7/26/2019	<0.0045	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-52-10-102219	10/22/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-52-10-042720	4/27/2020	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0042	J		<0.0059	U	
	20 ft	VMP-52-20-072219	7/22/2019	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.023			<0.0063	U	
		VMP-52-20-102219	10/22/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		0.00058	J	
		VMP-52-20-012320	1/23/2020	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.046			<0.006	U	
		VMP-52-20-042720	4/27/2020	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		0.0053	J		<0.0064	U	
	30 ft	VMP-52-30-072219	7/22/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0064	J		<0.0061	U	
		VMP-52-30-102219	10/22/2019	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U	
		VMP-52-30-102219-DUP	10/22/2019	0.0052			<0.021	U		0.0071	J		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-52-30-012320	1/23/2020	<0.0049	U		<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U		<0.014	U		<0.0068	U	
		VMP-52-30-042720	4/27/2020	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		0.004	J		<0.0061	U	
		VMP-52-30-042720-DUP	4/27/2020	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0062	J		<0.0062	U	
VMP-53	5 ft	VMP-53-5-071919	7/19/2019	0.0052			<0.02	U		0.0096	J		<0.0061	U		<0.0051	U		<0.018	U		0.011	J		<0.0061	U	
		VMP-53-5-101819	10/18/2019	<0.0041	U		<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		<0.0058	U	
		VMP-53-5-012220	1/22/2020	0.0043	J		<0.023	U		0.0022	J		<0.0069	U		<0.0058	U		<0.02	U		0.077			<0.0069	U	
		VMP-53-5-042220	4/22/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.018	U		0.0033	J		<0.0063	U	
	10 ft	VMP-53-10-071919	7/19/2019	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.018	U		<0.013	U		<0.0063	U	
		VMP-53-10-101819	10/18/2019	0.0029	J		<0.022	U		0.0033	J		<0.0068	U		<0.0056	U		<0.02	U		<0.014	U		<0.0068	U	
		VMP-53-10-012220	1/22/2020	<0.0041	U		<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		0.023			<0.0058	U	
		VMP-53-10-042220	4/22/2020	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0028	J		<0.0062	U	
	20 ft	VMP-53-20-071919	7/19/2019	<0.0046	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0091	J		<0.0065	U	
		VMP-53-20-101819	10/18/2019	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0024	J		<0.006	U	
		VMP-53-20-012220	1/22/2020	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		0.023			<0.0061	U	
		VMP-53-20-042220	4/22/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.0058	J		<0.0063	U	
	30 ft	VMP-53-30-071919	7/19/2019	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		0.006	J		<0.0064	U	
		VMP-53-30-101819	10/18/2019	<0.0041	U		<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		<0.0058	U	
		VMP-53-30-101819-DUP	10/18/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-53-30-012220	1/22/2020	0.0052			<0.021	U		0.011	J		<0.0064	U		<0.0053	U		<0.019	U		0.023			<0.0064	U	
		VMP-53-30-012220-DUP	1/22/2020	0.0022	J		<0.022	U		0.004	J		<0.0065	U		<0.0054	U		<0.019	U		0.023			<0.0065	U	
		VMP-53-30-042220	4/22/2020	<0.0047	U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.0032	J		0.002	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	Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene		
													600						3700								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-54	5 ft	VMP-54-5-072219	7/22/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-54-5-102219	10/22/2019	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		<0.013	U		<0.0063	U	
		VMP-54-5-012220	1/22/2020	<0.0059	U		<0.027	U		<0.02	U		<0.0082	U		<0.0069	U		<0.024	U		0.014	J		<0.0082	U	
		VMP-54-5-042720	4/27/2020	0.0014	J		<0.022	U		0.0035	J		0.0009	J		<0.0054	U		<0.019	U		0.0045	J		0.0027	J	
		VMP-54-5-052120	5/21/2020	0.002	J		<0.02	U		0.0035	J		<0.0059	U		<0.005	U		<0.017	U		0.0034	J		0.00092	J	
	10 ft	VMP-54-10-072219	7/22/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-54-10-102219	10/22/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-54-10-031220	3/12/2020	0.011			<0.02	U		0.0072	J		<0.0061	U		<0.0051	U		<0.018	U		0.0061	J		<0.0061	U	
		VMP-54-10-042720	4/27/2020	<0.0047	U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.0037	J		<0.0066	U	
	20 ft	VMP-54-20-072219	7/22/2019	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U	
		VMP-54-20-102219	10/22/2019	<0.0046	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.013	U		<0.0065	U	
		VMP-54-20-012220	1/22/2020	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.013	U		<0.0064	U	
		VMP-54-20-042720	4/27/2020	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.014			<0.0062	U	
	30 ft	VMP-54-30-072219	7/22/2019	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-54-30-102219	10/22/2019	<0.0051	U		<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U		<0.014	U		<0.0071	U	
		VMP-54-30-012220	1/22/2020	<0.0053	U		<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.022	U		0.021			0.0041	J	
		VMP-54-30-042720	4/27/2020	0.0022	J		<0.022	U		0.0029	J		<0.0065	U		<0.0054	U		<0.019	U		0.0045	J		<0.0065	U	
VMP-56	10 ft	VMP-56-10-072319	7/23/2019	0.0036	J		<0.021	U		0.0068	J		<0.0062	U		<0.0052	U		<0.018	U		0.011	J		<0.0062	U	
		VMP-56-10-102119	10/21/2019	<0.0039	U		<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U	
		VMP-56-10-012220	1/22/2020	<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U		0.024			<0.007	U	
		VMP-56-10-042420	4/24/2020	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.019	U		0.0068	J		<0.0064	U	
	25 ft	VMP-56-25-072319	7/23/2019	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0057	J		<0.0059	U	
		VMP-56-25-102119	10/21/2019	0.03			<0.021	U		0.022			<0.0063	U		<0.0053	U		<0.019	U		<0.013	U		<0.0063	U	
		VMP-56-25-012220	1/22/2020	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		0.006			<0.019	U		0.027			<0.0064	U	
		VMP-56-25-042420	4/24/2020	<0.0048	U		<0.022	U		<0.016	U		0.0011	J		<0.0056	U		<0.02	U		0.0038	J		<0.0068	U	
VMP-62	5 ft	VMP-62-5-072919	7/29/2019	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.023			<0.0063	U	
		VMP-62-5-102319	10/23/2019	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0028	J		<0.0062	U	
		VMP-62-5-012920	1/29/2020	<0.0042	U		<0.02	U		<0.014	U	UJ	<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U	
		VMP-62-5-042820	4/28/2020	<0.0048	U		<0.022	U		0.0063	J		<0.0066	U		<0.0055	U		<0.019	U		0.02			<0.0066	U	
	10 ft	VMP-62-10-072919	7/29/2019	<0.0041	U		<0.019	U		0.0041	J		<0.0057	U		<0.0048	U		<0.017	U		0.0089	J		<0.0057	U	
		VMP-62-10-072919-DUP	7/29/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.01	J		<0.0061	U	
		VMP-62-10-102319	10/23/2019	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.0025	J		<0.0063	U	
		VMP-62-10-012920	1/29/2020	<0.0045	U		<0.021	U		<0.015	U	UJ	<0.0063	U		<0.0052	U		<0.018	U		<0.012	U		<0.0063	U	
		VMP-62-10-042820	4/28/2020	<0.0053	U		<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.022	U		0.0078	J		<0.0073	U	
	20 ft	VMP-62-20-072919	7/29/2019	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0079	J		<0.0059	U	
		VMP-62-20-102319	10/23/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-62-20-012920	1/29/2020	<0.005	U		<0.023	U		<0.017	U	UJ	<0.007	U		<0.0058	U		<0.021	U		<0.014	U		<0.007	U	
		VMP-62-20-042820	4/28/2020	<0.0048	U		<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		0.0057	J		<0.0067	U	
		VMP-62-20-042820-DUP	4/28/2020	<0.0048	U		<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		0.0039	J		<0.0067	U	
	30 ft	VMP-62-30-072919	7/29/2019	<0.004	U		<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		<0.011	U		<0.0056	U	
		VMP-62-30-102319	10/23/2019	<0.0047	U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.002	J		<0.0066	U	
		VMP-62-30-012920	1/29/2020	<0.0047	U		<0.022	U		<0.016	U	UJ	<0.0066	U		<0.0055	U		<0.019	U		<0.013	U		<0.0066	U	
		VMP-62-30-042820	4/28/2020	<0.0051	U		<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U		0.0068	J		<0.0071	U	
VMP-63	5 ft	VMP-63-5-072319	7/23/2019	0.0039	J		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.0084	J		<0.0066	U	
		VMP-63-5-102419	10/24/2019	<0.0041	U		<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		0.0015	J		<0.0057	U	
		VMP-63-5-102419-DUP	10/24/2019	<0.0044	U		<0.02	U		0.0037	J		<0.0061	U		<0.005	U		<0.018	U		0.0015	J		<0.0061	U	
		VMP-63-5-012720	1/27/2020	<0.0047	U		<0.022	U		0.0044	J		<0.0066	U		<0.0055	U		<0.019	U		<0.013	U		<0.0066	U	
		VMP-63-5-012720-DUP	1/27/2020	<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U		0.0077	J		<0.007	U	
		VMP-63-5-042420	4/24/2020	<0.0042	U		<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		0.0043	J		<0.0059	U	
	10 ft	VMP-63-10-072319	7/23/2019	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-63-10-102419	10/24/2019	<0.004	U		<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		0.0012	J		<0.0056	U	
		VMP-63-10-012720	1/27/2020	0.0042			<0.02	U		0.013	J		<0.0059	U		<0.0049	U		<0.017	U		0.12			<0.0059	U	
		VMP-63-10-042420	4/24/2020	<0.0047	U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.0097	J		0.002	J	
	20 ft	VMP-63-20-072319	7/23/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0019	J		<0.0061	U	
		VMP-63-20-102419	10/24/2019	<0.0044	U		<0.021	U		<0.015	U		<0.0062	J	U	<0.0052	U		<0.018	U		<0.012	U		<0.0062	J	U
		VMP-63-20-012720	1/27/2020	<0.0048	U		<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		<0.013	U		0.0029	J	
		VMP-63-20-042420	4/24/2020	<0.0042	U		<0.02	U		0.0024	J		<0.0059	U		<0.0049	U		<0.017	U		0.0055	J		0.0013	J	
	30 ft	VMP-63-30-072319	7/23/2019	0.0018	J		<0.021	U		0.0035	J		<0.0062	U		<0.0052	U		<0.018	U		0.0034	J		<0.0062	U	
		VMP-63-30-102419	10/24/2019	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0013	J		<0.0062	U	
		VMP-63-30-012720	1/27/2020	<0.0048	U		<0.022	U		0 01	J		<0.0068	U		<0.0056	U		<0.02	U		<0.014	U		<0.0068	U	
		VMP-63-30-042420	4/24/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0025	J		<0.0062	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	Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene		
													600						3700								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-64	5 ft	VMP-64-5-072519	7/25/2019	<0.0041	U		<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		<0.0058	U	
		VMP-64-5-072519-DUP	7/25/2019	<0.0043	U		<0.02	U		0.0034	J		<0.006	U		<0.005	U		<0.018	U		0.0029	J		<0.006	U	
		VMP-64-5-102319	10/23/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0023	J		<0.0061	U	
		VMP-64-5-012820	1/28/2020	<0.0048	U		<0.022	U		<0.016	U		0.0018	J		<0.0056	U		<0.02	U		0.0044	J		<0.0067	U	
		VMP-64-5-042420	4/24/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.018	U		0.0042	J		0.00049	J	
	10 ft	VMP-64-10-072519	7/25/2019	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-64-10-102319	10/23/2019	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0038	J		<0.0062	U	
		VMP-64-10-012820	1/28/2020	<0.0047	U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.013	U		0.0019	J	
		VMP-64-10-042420	4/24/2020	<0.004	U		<0.019	U		<0.013	U		<0.0056	U		<0.0047	U		<0.016	U		0.012			<0.0056	U	
	20 ft	VMP-64-20-072519	7/25/2019	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.013	U		<0.0064	U	
		VMP-64-20-102319	10/23/2019	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		<0.013	U		<0.0063	U	
		VMP-64-20-012820	1/28/2020	<0.0051	U		<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U		0.0015	J		<0.0071	U	
		VMP-64-20-042420	4/24/2020	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		0.0098	J		<0.0061	U	
		VMP-64-20-042420-DUP	4/24/2020	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0088	J		<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)			Trichloroethene		
				1400						0.55						6200			5.4			6600			1.5		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-072319	7/23/2019	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0069			<0.04	U		<0.0073	U		<0.0072	U	
		VMP-1-5-102419	10/24/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0012	J		<0.037	U		<0.0069	U		0.00094	J	
		VMP-1-5-012720	1/27/2020	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-1-5-042420	4/24/2020	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.0016	J		<0.039	U		<0.0072	U		<0.0071	U	
	8.5 ft	VMP-1-8.5-072319	7/23/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0064			<0.037	U		<0.0067	U		<0.0066	U	
		VMP-1-8.5-102419	10/24/2019	<0.012	U		<0.019	U		8.2		J	<0.0083	U		<0.01	U		<0.083	U		<0.015	U		0.045		J
		VMP-1-8.5-102419-DUP	10/24/2019	<0.0054	U		<0.0086	U		0.064		J	<0.0037	U		0.00054	J		<0.037	U		<0.0069	U		0.00099	J	J
		VMP-1-8.5-111519R	11/15/2019	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0068	U	
		VMP-1-8.5-012720	1/27/2020	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0077	U	
		VMP-1-8.5-042420	4/24/2020	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0015	J		<0.038	U		<0.0071	U		<0.007	U	
	23.5 ft	VMP-1-23.5-072319	7/23/2019	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.006			<0.04	U		<0.0073	U		<0.0072	U	
		VMP-1-23.5-102419	10/24/2019	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U	
		VMP-1-23.5-012720	1/27/2020	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-1-23.5-042420	4/24/2020	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.002	J		<0.035	U		<0.0065	U		<0.0064	U	
	38.5 ft	VMP-1-38.5-012720	1/27/2020	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.0068	U	
VMP-2	5 ft	VMP-2-5-072519	7/25/2019	<0.0049	U		<0.008	U		0.018			<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0062	U	
		VMP-2-5-102119	10/21/2019	<0.005	U		<0.008	U		0.0062	J		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0063	U	
		VMP-2-5-012420	1/24/2020	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0071	U	
		VMP-2-5-042420	4/24/2020	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0071	U	
	8.5 ft	VMP-2-8.5-072519	7/25/2019	<0.0057	U		<0.0092	U		0.011			<0.004	U		<0.005	U		<0.04	U		<0.0073	U		<0.0072	U	
		VMP-2-8.5-102119	10/21/2019	<0.0051	U		<0.0082	U		0 01			<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0064	U	
		VMP-2-8.5-012420	1/24/2020	<0.0059	U		<0.0095	U		0.0048	J		<0.0041	U		0.0043	J		<0.041	U		<0.0076	U		<0.0074	U	
		VMP-2-8.5-042420	4/24/2020	<0.0056	U		<0.0091	U		0.0031	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0071	U	
	22 ft	VMP-2-22-072519	7/25/2019	<0.0052	U		<0.0084	U		0.0068	J		<0.0036	U		0.0008	J		<0.036	U		<0.0067	U		<0.0066	U	
		VMP-2-22-102119	10/21/2019	<0.0052	U		<0.0083	U		0.0099			<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U	
		VMP-2-22-012420	1/24/2020	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0075	U	
		VMP-2-22-042420	4/24/2020	<0.006	U		<0.0097	U		0.0039	J		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0076	U	
		VMP-2-22-042420-DUP	4/24/2020	<0.006	U		<0.0097	U		0.0035	J		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0076	U	
VMP-3	5 ft	VMP-3-5-072519	7/25/2019	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0067	U	
		VMP-3-5-101819	10/18/2019	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		0.0058	J		<0.0068	U		<0.0067	U	
		VMP-3-5-012720	1/27/2020	<0.0073	U		<0.012	U		<0.012	U		<0.005	U		<0.0064	U		<0.051	U		<0.0093	U		<0.0092	U	
		VMP-3-5-012720-DUP	1/27/2020	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0074	U	
		VMP-3-5-042920	4/29/2020	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0072	U	
	10 ft	VMP-3-10-072519	7/25/2019	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0012	J		<0.037	U		<0.0068	U		<0.0067	U	
		VMP-3-10-072519-DUP	7/25/2019	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0082	U	
		VMP-3-10-101819	10/18/2019	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.008	U	
		VMP-3-10-022120	2/21/2020	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0063	U		<0.0062	U	
	22 ft	VMP-3-22-072519	7/25/2019	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.00049	J		<0.037	U		<0.0068	U		<0.0067	U	
		VMP-3-22-101819	10/18/2019	<0.0054	U		<0.0086	U		<0.0085	U		0.0037			0.048			<0.037	U		<0.0069	U		<0.0068	U	
		VMP-3-22-012720	1/27/2020	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.007	U	
		VMP-3-22-042920	4/29/2020	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0077	U	
	31.5 ft	VMP-3-31.5-072519	7/25/2019	<0.0056	U		<0.009	U		0.0011	J		<0.0039	U		0.001	J		<0.039	U		<0.0071	U		<0.007	U	
		VMP-3-31.5-101819	10/18/2019	<15	U		<25	U		<25	U		<11	U		19			<110	U		<20	U		<20	U	
		VMP-3-31.5-101819-DUP	10/18/2019	<15	U		<24	U		<24	U		<10	U		14			<100	U		<19	U		<19	U	
		VMP-3-31.5-022120	2/21/2020	<0 05	U		<0.081	U		<0.08	U		<0.035	U		<0.044	U		<0.35	U		<0.064	U		<0.063	U	
		VMP-3-31.5-042920	4/29/2020	<1.4	U		<2.2	U		<2 2	U		<0.95	U		<1 2	U		<9.6	U		<1.8	U		0.6	J	J
VMP-4	5 ft	VMP-4-5-072519	7/25/2019	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0017	J		<0.037	U		<0.0068	U		<0.0067	U	
		VMP-4-5-102119	10/21/2019	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U	
		VMP-4-5-012320	1/23/2020	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.0069	U	
		VMP-4-5-042820	4/28/2020	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.0069	U	
	12 ft	VMP-4-12-072519	7/25/2019	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0066	U	
		VMP-4-12-102119	10/21/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-4-12-012320	1/23/2020	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-4-12-042820	4/28/2020	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0072	U	
	23.5 ft	VMP-4-23.5-072519	7/25/2019	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.001	J		<0.038	U		<0.0069	U		<0.0068	U	
		VMP-4-23.5-102119	10/21/2019	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U	
		VMP-4-23.5-012320	1/23/2020	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0072	U	
		VMP-4-23.5-042820	4/28/2020	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0014	J		<0.039	U		<0.0072	U		<0.0071	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)			Trichloroethene		
				1400						0.55						6200			5.4			6600			1.5		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-5	5 ft	VMP-5-5-072419	7/24/2019	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U	
		VMP-5-5-072419-DUP	7/24/2019	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.00058	J		<0.035	U		<0.0065	U		<0.0064	U	
		VMP-5-5-102119	10/21/2019	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U	
		VMP-5-5-012820	1/28/2020	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.006	U	
		VMP-5-5-042720	4/27/2020	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0064	U	
	12.5 ft	VMP-5-12.5-072419	7/24/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.00066	J		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-5-12.5-102119	10/21/2019	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.006	U	
		VMP-5-12.5-012820	1/28/2020	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0071	U	
		VMP-5-12.5-042720	4/27/2020	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U	
	31 ft	VMP-5-31-072419	7/24/2019	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.0026	J		<0.035	U		<0.0065	U		<0.0064	U	
		VMP-5-31-102119	10/21/2019	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0078	U	
		VMP-5-31-012820	1/28/2020	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0068	U	
		VMP-5-31-042720	4/27/2020	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0068	U	
VMP-6	5 ft	VMP-6-5-072219	7/22/2019	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.014			<0.042	U		<0.0077	U		<0.0076	U	
		VMP-6-5-102519	10/25/2019	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		0.0027	J	
		VMP-6-5-012320	1/23/2020	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0078	U	
		VMP-6-5-042720	4/27/2020	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0072	U	
	10 ft	VMP-6-10-072219	7/22/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.013			<0.037	U		<0.0067	U		<0.0066	U	
		VMP-6-10-102519	10/25/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-6-10-012320	1/23/2020	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.007	U	
		VMP-6-10-042720	4/27/2020	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.0069	U	
	31.5 ft	VMP-6-31.5-072219	7/22/2019	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.027			<0.039	U		<0.0072	U		<0.0071	U	
		VMP-6-31.5-102519	10/25/2019	<0.0054	U		<0.0087	U		0.0017	J		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0068	U	
		VMP-6-31.5-022120	2/21/2020	<0.0048	U		<0.0077	U		0.0021	J		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.006	U	
		VMP-6-31.5-042720	4/27/2020	<0.0059	U		<0.0095	U		0.0043	J		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0074	U	
VMP-7	5 ft	VMP-7-5-072319	7/23/2019	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0057			<0.036	U		<0.0066	U		<0.0065	U	
		VMP-7-5-072319-DUP	7/23/2019	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		0.004	J		<0.033	U		<0.0061	U		<0.006	U	
		VMP-7-5-102419	10/24/2019	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0064	U	
		VMP-7-5-012720	1/27/2020	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.0069	U	
		VMP-7-5-042720	4/27/2020	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	J	U	<0.0077	U		<0.0076	U	
	13.5 ft	VMP-7-13.5-072319	7/23/2019	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0 5			<0.036	U		<0.0066	U		<0.0065	U	
		VMP-7-13.5-102419	10/24/2019	<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-7-13.5-012720	1/27/2020	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0039	J		<0.036	U		<0.0066	U		<0.0065	U	
		VMP-7-13.5-042720	4/27/2020	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	J	U	<0.0077	U		<0.0076	U	
	29.5 ft	VMP-7-29.5-072319	7/23/2019	<0.0053	U		<0.0085	U		0.012			<0.0036	U		0.0047			<0.037	U		<0.0067	U		<0.0066	U	
		VMP-7-29.5-102419	10/24/2019	<0.0048	U		<0.0077	U		0.0045	J		<0.0033	U		0.0011	J		<0.033	U		<0.0061	U		<0.006	U	
		VMP-7-29.5-102419-DUP	10/24/2019	<0.0048	U		<0.0077	U		0.0042	J		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.006	U	
		VMP-7-29.5-012720	1/27/2020	<0.0052	U		<0.0084	U		0.014			<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0066	U	
		VMP-7-29.5-012720-DUP	1/27/2020	<0.0053	U		<0.0086	U		0.012			<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0067	U	
		VMP-7-29.5-042720	4/27/2020	<0.0059	U		<0.0095	U		0.005	J		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0074	U	
VMP-8	5 ft	VMP-8-5-072219	7/22/2019	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		0.0017	J		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-8-5-101819	10/18/2019	<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-8-5-012220	1/22/2020	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0075	U	
		VMP-8-5-012220-DUP	1/22/2020	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0077	U		<0.0076	U	
		VMP-8-5-042220	4/22/2020	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.0069	U	
	9.5 ft	VMP-8-9.5-072219	7/22/2019	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0 5			<0.034	U		<0.0064	U		<0.0063	U	
		VMP-8-9.5-101819	10/18/2019	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0064	U	
		VMP-8-9.5-012220	1/22/2020	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0048	J		<0.041	U		<0.0075	U		<0.0074	U	
		VMP-8-9.5-042220	4/22/2020	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
	23.5 ft	VMP-8-23.5-072219	7/22/2019	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0066			<0.038	U		<0.007	U		<0.0069	U	
		VMP-8-23.5-101819	10/18/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-8-23.5-012220	1/22/2020	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0071	U	
		VMP-8-23.5-042220	4/22/2020	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
	35.5 ft	VMP-8-35.5-072219	7/22/2019	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0038	J		<0.036	U		<0.0066	U		0.0033	J	
		VMP-8-35.5-072219-DUP	7/22/2019	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U	
		VMP-8-35.5-101819	10/18/2019	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0064	U	
		VMP-8-35.5-012220	1/22/2020	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0072	U	
		VMP-8-35.5-042220	4/22/2020	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.0069	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)			Trichloroethene		
				1400						0.55						6200			5.4			6600			1.5		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-9	5 ft	VMP-9-5-071919	7/19/2019	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0073			<0.036	U		<0.0067	U		<0.0066	U	
		VMP-9-5-102519	10/25/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		0.018		
		VMP-9-5-012220	1/22/2020	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0064	U	
		VMP-9-5-042220	4/22/2020	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
	11.5 ft	VMP-9-11.5-071919	7/19/2019	<0.0055	U		<0.0088	U		0.0036	J		<0.0038	U		0.21			<0.038	U		<0.007	U		<0.0069	U	
		VMP-9-11.5-102519	10/25/2019	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.007	U	
		VMP-9-11.5-012220	1/22/2020	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-9-11.5-042220	4/22/2020	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0071	U	
	25.5 ft	VMP-9-25.5-071919	7/19/2019	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0079			<0.037	U		<0.0068	U		<0.0067	U	
		VMP-9-25.5-071919-DUP	7/19/2019	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.01			<0.04	U		<0.0073	U		<0.0072	U	
		VMP-9-25.5-102519	10/25/2019	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0073	U	
		VMP-9-25.5-012220	1/22/2020	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-9-25.5-042220	4/22/2020	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0063	U	
		VMP-9-25.5-042220-DUP	4/22/2020	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U	
VMP-18	8.5 ft	VMP-18-8.5-072619	7/26/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0067	U	
		VMP-18-8.5-072619-DUP	7/26/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-18-8.5-102319	10/23/2019	<0.0054	U		<0.0086	U	UJ	<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-18-8.5-102319-DUP	10/23/2019	<0.0055	U		<0.0089	U	UJ	<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.007	U	
		VMP-18-8.5-012420	1/24/2020	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.008	U	
		VMP-18-8.5-042920	4/29/2020	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0064	U	
		VMP-18-8.5-042920-DUP	4/29/2020	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.006	U	
VMP-19	5 ft	VMP-19-5-073119	7/31/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0067	U	
		VMP-19-5-111519R	11/15/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-19-5-022120	2/21/2020	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U	
		VMP-19-5-043020	4/30/2020	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0064	U	
		VMP-19-5-043020-DUP	4/30/2020	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0064	U	
VMP-20	5 ft	VMP-20-5-072219	7/22/2019	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.045			<0.035	U		<0.0065	U		<0.0064	U	
		VMP-20-5-102319	10/23/2019	<0.0049	U		<0.008	U	UJ	<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0062	U	
		VMP-20-5-012420	1/24/2020	<0.006	U		<0.0096	U		0.0074	J		<0.0041	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0076	U	
		VMP-20-5-022120	2/21/2020	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0064	U	
		VMP-20-5-042420	4/24/2020	<0.0054	U		<0.0088	U		0.0053	J		<0.0038	U		0.0021	J		<0.038	U		<0.007	U		0.0021	J	
	10 ft	VMP-20-10-072219	7/22/2019	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.012			<0.035	U		<0.0065	U		<0.0064	U	
		VMP-20-10-102319	10/23/2019	<0.005	U		<0.008	U	UJ	<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0063	U	
		VMP-20-10-012420	1/24/2020	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0068	U	
		VMP-20-10-042420	4/24/2020	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.0068	U	
	25 ft	VMP-20-25-072619	7/26/2019	<0.0054	U		<0.0087	U		0 29			<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0068	U	
		VMP-20-25-102319	10/23/2019	<0.0053	U		<0.0085	U	UJ	<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0067	U	
		VMP-20-25-102319-DUP	10/23/2019	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0064	U	
		VMP-20-25-012420	1/24/2020	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0073	U	
		VMP-20-25-042420	4/24/2020	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0071	U	
VMP-21	5 ft	VMP-21-5-072919	7/29/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-21-5-102319	10/23/2019	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0078	U	
		VMP-21-5-012220	1/22/2020	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0073	U	
		VMP-21-5-042320	4/23/2020	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0028	J		<0.042	U		<0.0077	U		<0.0076	U	
	10 ft	VMP-21-10-072919	7/29/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-21-10-072919-DUP	7/29/2019	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U	
		VMP-21-10-102319	10/23/2019	<0.0051	U		<0.0082	U		0.0041	J		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0064	U	
		VMP-21-10-102319-DUP	10/23/2019	<0.0053	U		<0.0085	U		0.0042	J		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-21-10-012220	1/22/2020	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.037			<0.042	U		<0.0076	U		<0.0075	U	
		VMP-21-10-042320	4/23/2020	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0066	U	
	25 ft	VMP-21-25-072919	7/29/2019	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0038	J		<0.038	U		<0.007	U		<0.0069	U	
		VMP-21-25-102319	10/23/2019	<0.0052	U		<0.0083	U		0.0014	J		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U	
		VMP-21-25-012220	1/22/2020	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0075	U	
		VMP-21-25-042320	4/23/2020	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0075	U	
	33 ft	VMP-21-33-072919	7/29/2019	<0.0051	U		<0.0082	U		0.0034	J		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0064	U	
		VMP-21-33-102319	10/23/2019	<0.005	U		<0.008	U		0.0024	J		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0063	U	
		VMP-21-33-012220	1/22/2020	<0.0061	U		<0.0098	U		0.0032	J		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0076	U	
		VMP-21-33-042320	4/23/2020	<0.0051	U		<0.0082	U		0.0045	J		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	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)			Trichloroethene		
				1400						0.55						6200			5.4			6600			1.5		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-22	5 ft	VMP-22-5-072419	7/24/2019	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.0011	J		<0.039	U		<0.0071	U		<0.007	U	
		VMP-22-5-102319	10/23/2019	<0.0052	U		<0.0083	U	UJ	<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U	
		VMP-22-5-012320	1/23/2020	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U	
		VMP-22-5-042820	4/28/2020	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.0069	U	
	10 ft	VMP-22-10-072419	7/24/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.014			<0.037	U		<0.0067	U		<0.0066	U	
		VMP-22-10-102319	10/23/2019	<0.0053	U		<0.0085	U	UJ	<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0067	U	
		VMP-22-10-012320	1/23/2020	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.032			<0.04	U		<0.0073	U		<0.0072	U	
		VMP-22-10-042820	4/28/2020	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0062	U	
	18 ft	VMP-22-18-072419	7/24/2019	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.007	U	
		VMP-22-18-102319	10/23/2019	<0.0052	U		<0.0084	U	UJ	<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0066	U	
		VMP-22-18-012320	1/23/2020	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-22-18-042820	4/28/2020	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.0069	U	
	38 ft	VMP-22-38-072419	7/24/2019	<0.0054	U		0.0015	J		<0.0087	U		<0.0038	U		0.00049	J		<0.038	U		<0.007	U		0.006	J	
		VMP-22-38-102319	10/23/2019	<0.005	U		<0.0081	U	UJ	<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0063	U	
		VMP-22-38-012320	1/23/2020	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0071	U	
		VMP-22-38-012320-DUP	1/23/2020	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0071	U	
		VMP-22-38-042820	4/28/2020	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.018			<0.038	U		<0.0069	U		<0.0068	U	
		VMP-22-38-042820-DUP	4/28/2020	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.007	U	
VMP-23	5 ft	VMP-23-5-072419	7/24/2019	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.00096	J		<0.038	U		0.0016	J		<0.007	U	
		VMP-23-5-102419	10/24/2019	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0063	U	
		VMP-23-5-012820	1/28/2020	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-23-5-042820	4/28/2020	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		0.0015	J		<0.037	U		<0.0068	U		<0.0067	U	
	10 ft	VMP-23-10-072419	7/24/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.00078	J		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-23-10-102419	10/24/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-23-10-012820	1/28/2020	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		0.014			<0.036	U		<0.0066	U		<0.0065	U	
		VMP-23-10-042820	4/28/2020	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0067	U	
	25 ft	VMP-23-25-072419	7/24/2019	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0012	J		<0.036	U		<0.0066	U		<0.0065	U	
		VMP-23-25-102419	10/24/2019	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.0069	U	
		VMP-23-25-012820	1/28/2020	<0.0047	U		<0.0076	U		<0.0075	U		<0.0032	U		<0.0042	U		<0.033	U		<0.006	U		<0.0059	U	
		VMP-23-25-012820-DUP	1/28/2020	<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-23-25-042820	4/28/2020	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.007	U	
		VMP-23-25-042820-DUP	4/28/2020	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0017	J		<0.036	U		<0.0066	U		<0.0065	U	
VMP-24	5 ft	VMP-24-5-102219	10/22/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-24-5-012320	1/23/2020	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.008	U	
		VMP-24-5-012320-DUP	1/23/2020	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.0069	U	
		VMP-24-5-042220	4/22/2020	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0071	U	
	10 ft	VMP-24-10-102219	10/22/2019	<0.0049	U		<0.0079	U		<0.0078	U		0.003	J		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-24-10-012320	1/23/2020	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.008	U	
		VMP-24-10-042220	4/22/2020	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
	22 ft	VMP-24-22-102219	10/22/2019	<0.005	U		<0.008	U		0.0032	J		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0063	U	
		VMP-24-22-012320	1/23/2020	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0074	U	
		VMP-24-22-042220	4/22/2020	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-24-22-042220-DUP	4/22/2020	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0071	U	
	34 ft	VMP-24-34-102219	10/22/2019	<0.0047	U		<0.0076	U		<0.0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.0059	U	
		VMP-24-34-012320	1/23/2020	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0076	U	
		VMP-24-34-042220	4/22/2020	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
VMP-32	5 ft	VMP-32-5-072319	7/23/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0038	J		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-32-5-072319-DUP	7/23/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0016	J		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-32-5-102419	10/24/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		0.0012	J	
		VMP-32-5-012820	1/28/2020	<0.0081	U		<0.013	U		<0.013	U		<0.0056	U		0.01			<0.056	U		<0.01	U		<0.01	U	
		VMP-32-5-042920	4/29/2020	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0014	J		<0.04	U		<0.0074	U		<0.0073	U	
	10 ft	VMP-32-10-072319	7/23/2019	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.00069	J		<0.036	U		<0.0066	U		<0.0065	U	
		VMP-32-10-102419	10/24/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-32-10-012820	1/28/2020	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0072	U	
		VMP-32-10-042920	4/29/2020	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0073	U	
	20 ft	VMP-32-20-072319	7/23/2019	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.014			<0.038	U		<0.007	U		<0.0069	U	
		VMP-32-20-012820	1/28/2020	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0072	U	
		VMP-32-20-042920	4/29/2020	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0074	U	
	30 ft	VMP-32-30-072319	7/23/2019	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.078			<0.041	U		<0.0075	U		<0.0074	U	
		VMP-32-30-102419	10/24/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-32-30-012820	1/28/2020	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0078	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)			Trichloroethene		
				1400						0.55						6200			5.4			6600			1.5		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-42	10 ft	VMP-42-10-072319	7/23/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.019			<0.037	U		<0.0067	U		<0.0066	U	
		VMP-42-10-102119	10/21/2019	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.006	U	
		VMP-42-10-012720	1/27/2020	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.008	U	
		VMP-42-10-042920	4/29/2020	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0056	U		<0.044	U		<0.008	U		<0.0079	U	
	20 ft	VMP-42-20-072319	7/23/2019	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0044	J		<0.036	U		<0.0066	U		<0.0065	U	
		VMP-42-20-102119	10/21/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-42-20-012720	1/27/2020	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0077	U		<0.0076	U	
		VMP-42-20-042920	4/29/2020	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0075	U	
		VMP-42-20-042920-DUP	4/29/2020	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.0069	U	
	30 ft	VMP-42-30-072319	7/23/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.025			<0.037	U		<0.0067	U		<0.0066	U	
		VMP-42-30-102119	10/21/2019	<0.0047	U		<0.0076	U		<0.0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.0059	U	
		VMP-42-30-102119-DUP	10/21/2019	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U	
		VMP-42-30-012720	1/27/2020	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0077	U	
		VMP-42-30-042920	4/29/2020	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		<0.0059	U		<0.047	U		<0.0086	U		<0.0085	U	
VMP-43	10 ft	VMP-43-10-080119	8/1/2019	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0064	U	
		VMP-43-10-102119	10/21/2019	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.00058	J		<0.034	U		<0.0064	U		<0.0063	U	
		VMP-43-10-012720	1/27/2020	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0064	U	
		VMP-43-10-043020	4/30/2020	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0011	J		<0.04	U		<0.0073	U		<0.0072	U	
	20 ft	VMP-43-20-080119	8/1/2019	<0.0051	U		<0.0082	U		0.075			<0.0035	U		0.00062	J		<0.035	U		<0.0065	U		0.0031	J	
		VMP-43-20-102119	10/21/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.00054	J		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-43-20-012720	1/27/2020	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0074	U	
		VMP-43-20-043020	4/30/2020	<0.0059	U		<0.0095	U		0.016			<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0074	U	
	30 ft	VMP-43-30-080119	8/1/2019	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		0.0017	J	
		VMP-43-30-102119	10/21/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-43-30-102119-DUP	10/21/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-43-30-012720	1/27/2020	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.007	U	
		VMP-43-30-043020	4/30/2020	<0.0055	U		<0.0088	U		0.0031	J		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.0069	U	
VMP-44	10 ft	VMP-44-10-072319	7/23/2019	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0058			<0.04	U		<0.0073	U		<0.0072	U	
		VMP-44-10-102419	10/24/2019	<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-44-10-012720	1/27/2020	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0056	U		<0.044	U		<0.008	U		<0.0079	U	
		VMP-44-10-043020	4/30/2020	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0063	U	
	20 ft	VMP-44-20-072319	7/23/2019	<0.0051	U		<0.0082	U		0.0079	J		0.0016	J		0.0084			<0.035	U		<0.0065	U		0.0016	J	
		VMP-44-20-102419	10/24/2019	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0063	U	
		VMP-44-20-012720	1/27/2020	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0077	U	
		VMP-44-20-043020	4/30/2020	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0066	U	
	30 ft	VMP-44-30-072319	7/23/2019	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.0028	J		<0.034	U		<0.0064	U		<0.0063	U	
		VMP-44-30-102419	10/24/2019	<0.0047	U		<0.0076	U		<0.0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.0059	U	
		VMP-44-30-012720	1/27/2020	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0.0064	U	
		VMP-44-30-012720-DUP	1/27/2020	<0.0052	U		<0.0084	U		0.0083			<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0066	U	
		VMP-44-30-043020	4/30/2020	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
VMP-45	10 ft	VMP-45-10-080119	8/1/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0017	J		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-45-10-111519R	11/15/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0032	J		<0.037	U		<0.0068	U		<0.0067	U	
		VMP-45-10-012720	1/27/2020	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.017			<0.037	U		<0.0068	U		<0.0067	U	
		VMP-45-10-042720	4/27/2020	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0071	U	
	20 ft	VMP-45-20-080119	8/1/2019	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0032	J		<0.038	U		<0.007	U		<0.0069	U	
		VMP-45-20-102419	10/24/2019	<0.0049	U		<0.0079	U		0.003	J		<0.0034	U		0.0013	J		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-45-20-012720	1/27/2020	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0067	U	
		VMP-45-20-042720	4/27/2020	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0067	U	
	30 ft	VMP-45-30-080119	8/1/2019	<0.0054	U		<0.0086	U		0.1			<0.0037	U		0.002	J		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-45-30-102419	10/24/2019	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0064	U	
		VMP-45-30-102419-DUP	10/24/2019	<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-45-30-012720	1/27/2020	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0074	U	
		VMP-45-30-042720	4/27/2020	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	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)			Trichloroethene		
				1400						0.55						6200			5.4			6600			1.5		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-072619	7/26/2019	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0067	U	
		VMP-47-5-102319	10/23/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-47-5-012920	1/29/2020	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.008	U	
		VMP-47-5-012920-DUP	1/29/2020	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0077	U		<0.0076	U	
		VMP-47-5-042820	4/28/2020	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0076	U	
	10 ft	VMP-47-10-072619	7/26/2019	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.0068	U	
		VMP-47-10-102319	10/23/2019	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0071	U	
		VMP-47-10-012920	1/29/2020	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0073	U	
		VMP-47-10-042820	4/28/2020	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0074	U	
		VMP-47-10-042820-DUP	4/28/2020	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0076	U	
	20 ft	VMP-47-20-072619	7/26/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-47-20-102319	10/23/2019	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.0069	U	
		VMP-47-20-012920	1/29/2020	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.007	U	
		VMP-47-20-042820	4/28/2020	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0072	U	
	30 ft	VMP-47-30-072619	7/26/2019	<0.0054	U		<0.0087	U		0.0035	J		<0.0037	U		0.0016	J		<0.038	U		<0.0069	U		<0.0068	U	
		VMP-47-30-102319	10/23/2019	<0.0057	U		<0.0092	U		0.0019	J		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0072	U	
		VMP-47-30-012920	1/29/2020	<0.006	U		<0.0097	U		0.0063	J		<0.0042	U		<0.0054	U		<0.042	U		<0.0077	U		<0.0076	U	
		VMP-47-30-042820	4/28/2020	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.005	U		<0.04	U		<0.0073	U		<0.0072	U	
VMP-48	5 ft	VMP-48-5-072619	7/26/2019	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.007	U	
		VMP-48-5-102119	10/21/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-48-5-012920	1/29/2020	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0078	U	
		VMP-48-5-042420	4/24/2020	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		0.0014	J		<0.043	U		<0.008	U		<0.0079	U	
	10 ft	VMP-48-10-072619	7/26/2019	<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-48-10-102119	10/21/2019	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0064	U	
		VMP-48-10-012920	1/29/2020	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.008	U		<0.0078	U	
		VMP-48-10-042420	4/24/2020	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0073	U	
	20 ft	VMP-48-20-102119	10/21/2019	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0064	U	
	30 ft	VMP-48-30-072619	7/26/2019	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0017	J		<0.037	U		<0.0068	U		<0.0067	U	
		VMP-48-30-102119	10/21/2019	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.0069	U	
		VMP-48-30-012920	1/29/2020	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0077	U	
VMP-49	5 ft	VMP-49-5-072919	7/29/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-49-5-101819	10/18/2019	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U	
		VMP-49-5-012220	1/22/2020	<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-49-5-042920	4/29/2020	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0056	U		<0.044	U		<0.008	U		<0.0079	U	
	10 ft	VMP-49-10-072919	7/29/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0026	J		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-49-10-101819	10/18/2019	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.00091	J		<0.035	U		<0.0065	U		<0.0064	U	
		VMP-49-10-012220	1/22/2020	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0078	U	
		VMP-49-10-042920	4/29/2020	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0066	U	
	20 ft	VMP-49-20-072919	7/29/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-49-20-101819	10/18/2019	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0074	U	
		VMP-49-20-012220	1/22/2020	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		<0.005	U		<0.04	U		<0.0073	U		<0.0072	U	
		VMP-49-20-042920	4/29/2020	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0016	J		<0.036	U		<0.0067	U		<0.0066	U	
		VMP-49-20-042920-DUP	4/29/2020	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.007	U	
	30 ft	VMP-49-30-072919	7/29/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-49-30-101819	10/18/2019	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0071	U	
		VMP-49-30-012220	1/22/2020	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.0069	U	
		VMP-49-30-042920	4/29/2020	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
VMP-50	5 ft	VMP-50-5-073019	7/30/2019	<0.005	U		<0.0081	U		0.012			<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0063	U	
		VMP-50-5-102319	10/23/2019	<0.0051	U		<0.0082	U	UJ	0.0048	J		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0064	U	
		VMP-50-5-012820	1/28/2020	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0074	U	
		VMP-50-5-042820	4/28/2020	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0071	U	
	10 ft	VMP-50-10-073019	7/30/2019	<0.0056	U		<0.009	U		0.025			<0.0038	U		<0.0049	U		<0.039	U		<0.0071	U		<0.007	U	
		VMP-50-10-102319	10/23/2019	<0.0052	U		<0.0084	U	UJ	0 01			<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0066	U	
		VMP-50-10-012820	1/28/2020	<0.006	U		<0.0097	U		0.0035	J		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0076	U	
		VMP-50-10-042820	4/28/2020	<0.0059	U		<0.0095	U		0.0035	J		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0074	U	
	20 ft	VMP-50-20-073019	7/30/2019	<0.0058	U		<0.0094	U		0.013			<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0074	U	
		VMP-50-20-102319	10/23/2019	<0.0056	U		<0.0091	U	UJ	0.0088	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0071	U	
		VMP-50-20-012820	1/28/2020	<0.0059	U		<0.0095	U		0.003	J		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0074	U	
		VMP-50-20-042820	4/28/2020	<0.0055	U		<0.0088	U		0.0031	J		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.0069	U	
	30 ft	VMP-50-30-073019	7/30/2019	<0.11	U		<0.18	U		<0.17	U		<0.075	U		<0.096	U		<0.76	U		<0.14	U		<0.14	U	
		VMP-50-30-102319	10/23/2019	<0.054	U		<0.087	U		<0.086	U		<0.037	U		0.021	J		<0.38	U		<0.069	U		<0.068	U	
		VMP-50-30-012820	1/28/2020	<0.11	U		<0.18	U		<0.18	U		<0.079	U		<0.1	U		<0.8	U		<0.15	U		<0.14	U	
		VMP-50-30-042820	4/28/2020	<0.072	U		<0.12	U		<0.11	U		<0.05	U		0.041	J		<0.5	U		<0.092	U		<0.091	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)			Trichloroethene		
				1400						0.55						6200			5.4			6600			1.5		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-072419	7/24/2019	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.00067	J		<0.038	U		<0.007	U		<0.0069	U	
		VMP-51-5-102519	10/25/2019	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0071	U	
		VMP-51-5-012820	1/28/2020	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0076	U	
		VMP-51-5-012820-DUP	1/28/2020	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0074	U	
		VMP-51-5-042720	4/27/2020	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0.0064	U	
	10 ft	VMP-51-10-072419	7/24/2019	<0.0051	U		<0.0082	U		0.0041	J		<0.0035	U		0.0012	J		<0.035	U		<0.0065	U		<0.0064	U	
		VMP-51-10-102519	10/25/2019	<0.0052	U		<0.0084	U		0.0022	J		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-51-10-012820	1/28/2020	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0032	J		<0.041	U		<0.0075	U		<0.0074	U	
		VMP-51-10-042720	4/27/2020	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.007	U	
	20 ft	VMP-51-20-072419	7/24/2019	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.00067	J		<0.038	U		<0.007	U		<0.0069	U	
		VMP-51-20-102519	10/25/2019	<0.0053	U		<0.0086	U		0.0018	J		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0067	U	
		VMP-51-20-022120	2/21/2020	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0064	U	
		VMP-51-20-042720	4/27/2020	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0071	U	
	30 ft	VMP-51-30-072419	7/24/2019	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.0017	J		<0.034	U		<0.0064	U		<0.0063	U	
		VMP-51-30-102519	10/25/2019	<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-51-30-102519-DUP	10/25/2019	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0067	U	
		VMP-51-30-012820	1/28/2020	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0028	J		<0.04	U		<0.0073	U		<0.0072	U	
		VMP-51-30-042720	4/27/2020	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0063	U	
VMP-52	5 ft	VMP-52-5-072619	7/26/2019	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.0068	U	
		VMP-52-5-072619-DUP	7/26/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0067	U	
		VMP-52-5-102219	10/22/2019	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.0069	U	
		VMP-52-5-012320	1/23/2020	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.008	U		<0.0078	U	
		VMP-52-5-042720	4/27/2020	<0.0049	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0062	U	
	10 ft	VMP-52-10-072619	7/26/2019	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0068	U	
		VMP-52-10-102219	10/22/2019	<0.0053	U		<0.0085	U		0.0014	J		<0.0036	U		0.00071	J		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-52-10-042720	4/27/2020	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U	
	20 ft	VMP-52-20-072219	7/22/2019	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.011			<0.038	U		<0.007	U		<0.0069	U	
		VMP-52-20-102219	10/22/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-52-20-012320	1/23/2020	<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-52-20-042720	4/27/2020	<0.0055	U		<0.0089	U		0.012			<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.007	U	
	30 ft	VMP-52-30-072219	7/22/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0028	J		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-52-30-102219	10/22/2019	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U	
		VMP-52-30-102219-DUP	10/22/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-52-30-012320	1/23/2020	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0075	U	
		VMP-52-30-042720	4/27/2020	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0067	U	
		VMP-52-30-042720-DUP	4/27/2020	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
VMP-53	5 ft	VMP-53-5-071919	7/19/2019	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.045			<0.037	U		<0.0068	U		<0.0067	U	
		VMP-53-5-101819	10/18/2019	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0063	U	
		VMP-53-5-012220	1/22/2020	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0028	J		<0.042	U		<0.0077	U		<0.0076	U	
		VMP-53-5-042220	4/22/2020	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		0.0048	J	
	10 ft	VMP-53-10-071919	7/19/2019	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0046	J		<0.038	U		<0.007	U		<0.0069	U	
		VMP-53-10-101819	10/18/2019	<0.0058	U		<0.0094	U		0.0026	J		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0074	U	
		VMP-53-10-012220	1/22/2020	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0063	U	
		VMP-53-10-042220	4/22/2020	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
	20 ft	VMP-53-20-071919	7/19/2019	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.0095			<0.039	U		<0.0072	U		<0.0071	U	
		VMP-53-20-101819	10/18/2019	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0066	U	
		VMP-53-20-012220	1/22/2020	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0067	U	
		VMP-53-20-042220	4/22/2020	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.0069	U	
	30 ft	VMP-53-30-071919	7/19/2019	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.014			<0.038	U		<0.0071	U		<0.007	U	
		VMP-53-30-101819	10/18/2019	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0063	U	
		VMP-53-30-101819-DUP	10/18/2019	<0.0053	U		<0.0085	U		<0.0084	U		0.0013	J		<0.0046	U		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-53-30-012220	1/22/2020	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.007	U	
		VMP-53-30-012220-DUP	1/22/2020	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0071	U	
		VMP-53-30-042220	4/22/2020	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0072	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)			Trichloroethene		
				1400						0.55						6200			5.4			6600			1.5		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-072219	7/22/2019	<0.0053	U		<0.0085	U		0.0039	J		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-54-5-102219	10/22/2019	<0.0055	U		<0.0088	U		0.0026	J		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.0069	U	
		VMP-54-5-012220	1/22/2020	<0.0071	U		<0.011	U		<0.011	U		<0.0049	U		<0.0063	U		<0.05	U		<0.0091	U		<0.009	U	
		VMP-54-5-042720	4/27/2020	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0012	J		<0.039	U		<0.0072	U		<0.0071	U	
		VMP-54-5-052120	5/21/2020	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0029	J		<0.036	U		<0.0066	U		<0.0065	U	
	10 ft	VMP-54-10-072219	7/22/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.021			<0.037	U		<0.0067	U		<0.0066	U	
		VMP-54-10-102219	10/22/2019	<0.0053	U		<0.0085	U		0.0022	J		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-54-10-031220	3/12/2020	<0.0053	U		<0.0085	U		0.0015	J		<0.0036	U		0.00074	J		<0.037	U		<0.0068	U		0.0043	J	
		VMP-54-10-042720	4/27/2020	<0.0057	U		<0.0092	U		0.0013	J		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0072	J	U
	20 ft	VMP-54-20-072219	7/22/2019	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.0033	J		<0.035	U		<0.0065	U		<0.0064	U	
		VMP-54-20-102219	10/22/2019	<0.0056	U		<0.0091	U		0.0028	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0071	U	
		VMP-54-20-012220	1/22/2020	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.007	U	
		VMP-54-20-042720	4/27/2020	<0.0054	U		<0.0086	U		0.0026	J		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
	30 ft	VMP-54-30-072219	7/22/2019	<0.0054	U		<0.0086	U		0.0035	J		<0.0037	U		0.0098			<0.037	U		<0.0069	U		<0.0068	U	
		VMP-54-30-102219	10/22/2019	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0078	U	
		VMP-54-30-012220	1/22/2020	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.01			<0.045	U		<0.0082	U		<0.0081	U	
		VMP-54-30-042720	4/27/2020	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0071	U	
VMP-56	10 ft	VMP-56-10-072319	7/23/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.007			<0.037	U		<0.0069	U		<0.0068	U	
		VMP-56-10-102119	10/21/2019	<0.0047	U		<0.0076	U		<0.0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.0059	U	
		VMP-56-10-012220	1/22/2020	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0028	J		<0.042	U		<0.0077	U		<0.0076	U	
		VMP-56-10-042420	4/24/2020	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.007	U	
	25 ft	VMP-56-25-072319	7/23/2019	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U	
		VMP-56-25-102119	10/21/2019	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.061			<0.038	U		<0.007	U		<0.0069	U	
		VMP-56-25-012220	1/22/2020	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.007	U	
		VMP-56-25-042420	4/24/2020	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0013	J		<0.041	U		<0.0075	U		<0.0074	U	
VMP-62	5 ft	VMP-62-5-072919	7/29/2019	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.0069	U	
		VMP-62-5-102319	10/23/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-62-5-012920	1/29/2020	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0.0065	U	
		VMP-62-5-042820	4/28/2020	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0012	J		<0.04	U		<0.0074	U		<0.0072	U	
	10 ft	VMP-62-10-072919	7/29/2019	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0063	U	
		VMP-62-10-072919-DUP	7/29/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-62-10-102319	10/23/2019	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.0069	U	
		VMP-62-10-012920	1/29/2020	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.0068	U	
		VMP-62-10-042820	4/28/2020	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0082	U		<0.008	U	
	20 ft	VMP-62-20-072919	7/29/2019	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U	
		VMP-62-20-102319	10/23/2019	<0.0053	U		<0.0085	U		0.003	J		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-62-20-012920	1/29/2020	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0077	U	
		VMP-62-20-042820	4/28/2020	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0073	U	
		VMP-62-20-042820-DUP	4/28/2020	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0074	U	
	30 ft	VMP-62-30-072919	7/29/2019	<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-62-30-102319	10/23/2019	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0072	U	
		VMP-62-30-012920	1/29/2020	<0.0057	U		<0.0092	U		0.017			<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0072	U	
		VMP-62-30-042820	4/28/2020	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0078	U	
VMP-63	5 ft	VMP-63-5-072319	7/23/2019	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0046	J		<0.04	U		<0.0073	U		<0.0072	U	
		VMP-63-5-102419	10/24/2019	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	J	U	<0.0064	U		<0.0063	U	
		VMP-63-5-102419-DUP	10/24/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0035	J		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-63-5-012720	1/27/2020	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0072	U	
		VMP-63-5-012720-DUP	1/27/2020	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0076	U	
		VMP-63-5-042420	4/24/2020	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0.0064	U	
	10 ft	VMP-63-10-072319	7/23/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0044	J		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-63-10-102419	10/24/2019	<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-63-10-012720	1/27/2020	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0019	J		<0.036	U		<0.0066	U		<0.0065	U	
		VMP-63-10-042420	4/24/2020	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0072	U	
	20 ft	VMP-63-20-072319	7/23/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0021	J		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-63-20-102419	10/24/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-63-20-012720	1/27/2020	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0074	U	
		VMP-63-20-042420	4/24/2020	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.0018	J		<0.036	J	U	<0.0065	U		<0.0064	U	
	30 ft	VMP-63-30-072319	7/23/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0051			<0.037	U		<0.0069	U		0.001	J	
		VMP-63-30-102419	10/24/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-63-30-012720	1/27/2020	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0074	U	
		VMP-63-30-042420	4/24/2020	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0068	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			Trichloroethene		
				1400						0.55						6200			5.4			6600			1.5		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-072519	7/25/2019	<0.005	U		<0.0081	U		0.0063	J		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0063	U	
		VMP-64-5-072519-DUP	7/25/2019	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0066	U	
		VMP-64-5-102319	10/23/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.001	J		<0.037	U		<0.0067	U		<0.0066	U	
		VMP-64-5-012820	1/28/2020	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0073	U	
		VMP-64-5-042420	4/24/2020	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.0068	U	
	10 ft	VMP-64-10-072519	7/25/2019	<0.0053	U		<0.0085	U		0.0011	J		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0067	U	
		VMP-64-10-102319	10/23/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-64-10-012820	1/28/2020	<0.0057	U		<0.0092	U		0.013			<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0072	U	
		VMP-64-10-042420	4/24/2020	<0.0048	U		<0.0078	U		<0.0077	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0061	U	
	20 ft	VMP-64-20-072519	7/25/2019	<0.0055	U		<0.0089	U		0.062			<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.007	U	
		VMP-64-20-102319	10/23/2019	<0.0055	U		<0.0088	U		0.14			<0.0038	U		<0.0049	U		<0.038	U		0.0017	J		<0.0069	U	
		VMP-64-20-012820	1/28/2020	<0.0062	U		<0.0099	U		0 29			<0.0043	U		<0.0054	U		<0.043	U		0.0024	J		<0.0078	U	
		VMP-64-20-042420	4/24/2020	<0.0053	U		<0.0086	U		0.033			<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0067	U	
		VMP-64-20-042420-DUP	4/24/2020	<0.0052	U		<0.0084	U		0.032			<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0066	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	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-072319	7/23/2019	0.0016	J		<0.0066	U		<0 0066	U		0.0014	J		<0.0034	U		0.0024	J		<0.0058	U	
		VMP-1-5-102419	10/24/2019	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		0.00071	J		0.00072	J		<0.0055	U	
		VMP-1-5-012720	1/27/2020	<0.0069	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-1-5-042420	4/24/2020	<0.0074	U		<0.0065	U		<0 0065	U		0.015			<0.0034	U		<0.0057	U		<0.0057	U	
	8.5 ft	VMP-1-8.5-072319	7/23/2019	<0.0069	U		<0.0061	U		<0 0061	U		0.0031	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-1-8.5-102419	10/24/2019	<0.016	U		<0.014	U		<0.014	U		<0.013	U		<0.0072	U		<0.012	U		<0 012	U	
		VMP-1-8.5-102419-DUP	10/24/2019	<0.0071	U		<0.0062	U		<0 0062	J	U	<0.0059	U		<0.0032	U		0.0016	J		0.00041	J	
		VMP-1-8.5-111519R	11/15/2019	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-1-8.5-012720	1/27/2020	<0.0081	U		<0.0071	U		<0 0071	U		<0.0067	U		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-1-8.5-042420	4/24/2020	<0.0073	U		<0.0064	U		<0 0064	U		0.001	J		<0.0033	U		<0.0056	U		<0.0056	U	
	23.5 ft	VMP-1-23.5-072319	7/23/2019	0.0017	J		<0.0066	U		<0 0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-1-23.5-102419	10/24/2019	<0.0068	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-1-23.5-012720	1/27/2020	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-1-23.5-042420	4/24/2020	0.0012	J		<0.0058	U		<0 0058	U		<0.0055	U		<0 003	U		<0.0051	U		<0.0051	U	
	38.5 ft	VMP-1-38.5-012720	1/27/2020	<0.0072	U		<0.0063	U		<0 0063	U		<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
VMP-2	5 ft	VMP-2-5-072519	7/25/2019	0.0013	J		<0.0057	U		<0 0057	U		<0.0054	U		<0 003	U		<0.005	U		<0 005	U	
		VMP-2-5-102119	10/21/2019	0.00094	J		<0.0057	U		<0 0057	U		0.052			<0 003	U		<0.005	U		<0 005	U	
		VMP-2-5-012420	1/24/2020	<0.0074	U		<0.0065	U		<0 0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-2-5-042420	4/24/2020	0.0014	J		<0.0065	U		<0 0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
	8.5 ft	VMP-2-8.5-072519	7/25/2019	0.0012	J		<0.0066	U		<0 0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-2-8.5-102119	10/21/2019	0.0012	J		<0.0058	U		<0 0058	U		0.0042	J		<0 003	U		<0.0052	U		<0.0052	U	
		VMP-2-8.5-012420	1/24/2020	<0.0078	U		<0.0068	U		<0 0068	U		<0.0065	U		<0.0035	U		<0.006	U		<0 006	U	
		VMP-2-8.5-042420	4/24/2020	0.0016	J		<0.0065	U		<0 0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
	22 ft	VMP-2-22-072519	7/25/2019	0.0012	J		<0.006	U		<0.006	U		0.0015	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-2-22-102119	10/21/2019	0.0018	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-2-22-012420	1/24/2020	<0.0078	U		<0.0068	U		<0 0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0 006	U	
		VMP-2-22-042420	4/24/2020	0.0013	J		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-2-22-042420-DUP	4/24/2020	<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
VMP-3	5 ft	VMP-3-5-072519	7/25/2019	0.00074	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-3-5-101819	10/18/2019	0.0012	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-3-5-012720	1/27/2020	<0.0096	U		<0.0084	U		<0 0084	U		<0.008	U		<0.0044	U		<0.0074	U		<0.0074	U	
		VMP-3-5-012720-DUP	1/27/2020	<0.0077	U		<0.0067	U		<0 0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-3-5-042920	4/29/2020	0.0016	J		<0.0066	U		<0 0066	U		0.001	J		<0.0034	U		<0.0059	U		<0.0059	U	
	10 ft	VMP-3-10-072519	7/25/2019	0.0013	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		0.0011	J		<0.0054	U	
		VMP-3-10-072519-DUP	7/25/2019	0.00086	J		<0.0075	U		<0 0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-3-10-101819	10/18/2019	<0.0083	U		<0.0073	U		<0 0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-3-10-022120	2/21/2020	0.0014	J		<0.0056	U		<0 0056	U		0.0015	J		<0.0029	U		<0.005	U		<0 005	U	
	22 ft	VMP-3-22-072519	7/25/2019	0.0014	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-3-22-101819	10/18/2019	0.0012	J		<0.0062	U		<0 0062	U		0.024			<0.0032	U		0.031			0.01		
		VMP-3-22-012720	1/27/2020	0.0028	J		<0.0064	U		<0 0064	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-3-22-042920	4/29/2020	<0.0081	U		<0.007	U		<0.007	U		<0.0067	U		<0.0037	U		<0.0062	U		<0.0062	U	
	31.5 ft	VMP-3-31.5-072519	7/25/2019	0.016			<0.0064	U		<0 0064	U		0.0012	J		<0.0033	U		0.0012	J		<0.0057	U	
		VMP-3-31.5-101819	10/18/2019	<20	U		<18	U		<18	U		570			<9.3	U		7	J		<16	U	
		VMP-3-31.5-101819-DUP	10/18/2019	<20	U		<17	U		<17	U		610			<9.1	U		4	J		<15	U	
		VMP-3-31.5-022120	2/21/2020	<0.066	U		<0.058	U		<0.058	U		3			<0.03	U		<0.051	U		<0 051	U	
		VMP-3-31.5-042920	4/29/2020	<1.8	U		<1.6	U		<1.6	U		730		J	<0.82	U		<1.4	U		<1.4	U	
VMP-4	5 ft	VMP-4-5-072519	7/25/2019	0.00085	J		<0.0062	U		<0 0062	U		0.0013	J		<0.0032	U		0.0012	J		<0.0054	U	
		VMP-4-5-102119	10/21/2019	<0.0068	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-4-5-012320	1/23/2020	<0.0072	U		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-4-5-042820	4/28/2020	0.0013	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	12 ft	VMP-4-12-072519	7/25/2019	0.0012	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-4-12-102119	10/21/2019	0.00064	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-4-12-012320	1/23/2020	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-4-12-042820	4/28/2020	<0.0076	U		<0.0066	U		<0 0066	U		0.00099	J		<0.0034	U		<0.0058	U		<0.0058	U	
	23.5 ft	VMP-4-23.5-072519	7/25/2019	0.0011	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		0.0029	J		0.0019	J	
		VMP-4-23.5-102119	10/21/2019	<0.0068	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-4-23.5-012320	1/23/2020	<0.0076	U		<0.0066	U		<0 0066	U		0.082			<0.0034	U		0.002	J		<0.0058	U	
		VMP-4-23.5-042820	4/28/2020	<0.0074	U		<0.0065	U		<0 0065	U		<0.0062	U		<0.0034	U		<0.0057	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	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-5	5 ft	VMP-5-5-072419	7/24/2019	0.0014	J		<0.0059	U		<0 0059	U		0.0022	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-5-5-072419-DUP	7/24/2019	0.0011	J		<0.0058	U		<0 0058	U		0.002	J		<0 003	U		<0.0052	U		<0.0052	U	
		VMP-5-5-102119	10/21/2019	<0.0068	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-5-5-012820	1/28/2020	<0.0063	U		<0.0055	U		<0 0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-5-5-042720	4/27/2020	<0.0067	U		<0.0058	U		<0 0058	U		<0.0056	U		<0 003	U		<0.0052	U		<0.0052	U	
	12.5 ft	VMP-5-12.5-072419	7/24/2019	0.0011	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-5-12.5-102119	10/21/2019	<0.0063	U		<0.0055	U		<0 0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-5-12.5-012820	1/28/2020	<0.0074	U		<0.0065	U		<0 0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-5-12.5-042720	4/27/2020	<0.0068	U		<0.0059	U		<0 0059	U		0.0059			<0.0031	U		<0.0052	U		<0.0052	U	
	31 ft	VMP-5-31-072419	7/24/2019	0.0012	J		<0.0058	U		<0 0058	U		<0.0056	U		<0 003	U		0.00096	J		<0.0052	U	
		VMP-5-31-102119	10/21/2019	<0.0081	U		<0.0071	U		<0 0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-5-31-012820	1/28/2020	<0.0071	U		<0.0062	U		<0 0062	U		0.0092			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-5-31-042720	4/27/2020	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
VMP-6	5 ft	VMP-6-5-072219	7/22/2019	<0.0079	U		<0.0069	U		<0 0069	U		0.0036	J		<0.0036	U		0.0042	J		<0.0061	U	
		VMP-6-5-102519	10/25/2019	0.0012	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-6-5-012320	1/23/2020	<0.0081	U		<0.0071	U		<0 0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-6-5-042720	4/27/2020	0.001	J		<0.0066	U		<0 0066	U		0.017			<0.0034	U		<0.0058	U		<0.0058	U	
	10 ft	VMP-6-10-072219	7/22/2019	<0.0069	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-6-10-102519	10/25/2019	0.0012	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-6-10-012320	1/23/2020	<0.0073	U		<0.0064	U		<0 0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-6-10-042720	4/27/2020	0.00094	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	31.5 ft	VMP-6-31.5-072219	7/22/2019	<0.0074	U		<0.0065	U		<0 0065	U		0.0044	J		<0.0034	U		0.0067			0.0024	J	
		VMP-6-31.5-102519	10/25/2019	0.0044	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-6-31.5-022120	2/21/2020	0.0031	J		<0.0055	U		<0 0055	U		0.0026	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-6-31.5-042720	4/27/2020	0.0038	J		<0.0068	U		<0 0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0 006	U	
VMP-7	5 ft	VMP-7-5-072319	7/23/2019	<0.0068	U		0.0052	J		<0 0059	U		0.0025	J		<0.0031	U		0.0058			0.0022	J	
		VMP-7-5-072319-DUP	7/23/2019	0.0012	J		<0.0055	U		<0 0055	U		0.0017	J		<0.0029	U		0.002	J		<0.0049	U	
		VMP-7-5-102419	10/24/2019	0.0012	J		<0.0058	U		<0 0058	U		<0.0056	U		<0 003	U		<0.0052	U		<0.0052	U	
		VMP-7-5-012720	1/27/2020	<0.0072	U		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-7-5-042720	4/27/2020	0.0013	J		<0.0069	U		<0 0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
	13.5 ft	VMP-7-13.5-072319	7/23/2019	<0.0068	U		0.0083			0.0048	J		0.45			<0.0031	U		0.4			0.12		
		VMP-7-13.5-102419	10/24/2019	0.0014	J		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0 005	U	
		VMP-7-13.5-012720	1/27/2020	<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		0.0015	J		<0.0053	U	
		VMP-7-13.5-042720	4/27/2020	<0.0079	U		0.00084	J		<0 0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
	29.5 ft	VMP-7-29.5-072319	7/23/2019	<0.0069	U		<0.0061	U		<0 0061	U		0.0065			<0.0032	U		0.0015	J		<0.0054	U	
		VMP-7-29.5-102419	10/24/2019	0.0013	J		<0.0055	J	U	<0 0055	U		<0.0052	U		<0.0029	U		0.0013	J		<0.0049	U	
		VMP-7-29.5-102419-DUP	10/24/2019	0.0013	J		<0.0055	U		<0 0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-7-29.5-012720	1/27/2020	<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-7-29.5-012720-DUP	1/27/2020	<0.007	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-7-29.5-042720	4/27/2020	<0.0078	U		<0.0068	U		<0 0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0 006	U	
VMP-8	5 ft	VMP-8-5-072219	7/22/2019	<0.0064	U		<0.0056	U		<0 0056	U		0.012			<0.0029	U		<0.005	U		<0 005	U	
		VMP-8-5-101819	10/18/2019	<0.0068	U		<0.006	U		<0.006	U		0.001	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-8-5-012220	1/22/2020	<0.0078	U		<0.0068	U		<0 0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0 006	U	
		VMP-8-5-012220-DUP	1/22/2020	<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-8-5-042220	4/22/2020	<0.0072	U		0.0083			0.0026	J		<0.006	U		<0.0033	U		0.0024	J		0.0015	J	
	9.5 ft	VMP-8-9.5-072219	7/22/2019	<0.0065	U		0.011			0.0047	J		0.51			<0 003	U		0.42			0.14		
		VMP-8-9.5-101819	10/18/2019	0.0012	J		<0.0059	U		<0 0059	U		<0.0056	U		<0 003	U		<0.0052	U		<0.0052	U	
		VMP-8-9.5-012220	1/22/2020	<0.0077	U		<0.0068	U		<0 0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0 006	U	
		VMP-8-9.5-042220	4/22/2020	0.0015	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
	23.5 ft	VMP-8-23.5-072219	7/22/2019	<0.0072	U		<0.0063	U		<0 0063	U		0.0031	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-8-23.5-101819	10/18/2019	0.0018	J		<0.0062	U		<0 0062	U		0.012			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-8-23.5-012220	1/22/2020	<0.0074	U		<0.0065	U		<0 0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-8-23.5-042220	4/22/2020	0.0013	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
	35.5 ft	VMP-8-35.5-072219	7/22/2019	<0.0068	U		<0.0059	U		<0 0059	U		0.011			<0.0031	U		0.0015	J		<0.0052	U	
		VMP-8-35.5-072219-DUP	7/22/2019	<0.0068	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-8-35.5-101819	10/18/2019	0.0012	J		<0.0058	U		<0 0058	U		0.0043	J		<0 003	U		<0.0051	U		<0.0051	U	
		VMP-8-35.5-012220	1/22/2020	<0.0076	U		<0.0066	U		<0 0066	U		<0.0063	U		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-8-35.5-042220	4/22/2020	<0.0072	U		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	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	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-9	5 ft	VMP-9-5-071919	7/19/2019	<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		0.002	J		<0.0053	U	
		VMP-9-5-102519	10/25/2019	<0.007	U		<0.0061	U		<0 0061	U		0.003	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-9-5-012220	1/22/2020	<0.0067	U		<0.0059	U		<0 0059	U		<0.0056	U		<0 003	U		<0.0052	U		<0.0052	U	
		VMP-9-5-042220	4/22/2020	0.0014	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
	11.5 ft	VMP-9-11.5-071919	7/19/2019	0.0014	J		<0.0063	U		<0 0063	U		0.063			<0.0033	U		0.021			0 005	J	
		VMP-9-11.5-102519	10/25/2019	<0.0074	U		<0.0064	U		<0 0064	U		0.0014	J		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-9-11.5-012220	1/22/2020	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-9-11.5-042220	4/22/2020	0.0013	J		<0.0065	U		<0 0065	U		0.0013	J		<0.0034	U		<0.0057	U		<0.0057	U	
	25.5 ft	VMP-9-25.5-071919	7/19/2019	<0.007	U		<0.0062	U		<0 0062	U		0.0043	J		<0.0032	U		0.0024	J		<0.0054	U	
		VMP-9-25.5-071919-DUP	7/19/2019	<0.0076	U		<0.0066	U		<0 0066	U		0.004	J		<0.0034	U		0.0032	J		<0.0058	U	
		VMP-9-25.5-102519	10/25/2019	<0.0077	U		<0.0067	U		<0 0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-9-25.5-012220	1/22/2020	<0.0069	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-9-25.5-042220	4/22/2020	<0.0065	U		<0.0057	U		<0 0057	U		<0.0054	U		<0 003	U		<0.005	U		<0 005	U	
		VMP-9-25.5-042220-DUP	4/22/2020	0.0013	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
VMP-18	8.5 ft	VMP-18-8.5-072619	7/26/2019	0.00095	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-18-8.5-072619-DUP	7/26/2019	0.00094	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-18-8.5-102319	10/23/2019	0.0026	J	J	<0.0062	U		<0 0062	U		0.0028	J		<0.0032	U		0.0023	J		<0.0055	U	
		VMP-18-8.5-102319-DUP	10/23/2019	0.002	J	J	<0.0064	U		<0 0064	U		0.0014	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-18-8.5-012420	1/24/2020	<0.0083	U		<0.0073	U		<0 0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-18-8.5-042920	4/29/2020	<0.0066	U		<0.0058	U		<0 0058	U		<0.0055	U		<0 003	U		<0.0051	U		<0.0051	U	
		VMP-18-8.5-042920-DUP	4/29/2020	<0.0063	U		<0.0055	U		<0 0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
VMP-19	5 ft	VMP-19-5-073119	7/31/2019	<0.007	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-19-5-111519R	11/15/2019	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-19-5-022120	2/21/2020	<0.0068	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-19-5-043020	4/30/2020	<0.0067	U		<0.0058	U		<0 0058	U		<0.0056	U		<0 003	U		<0.0052	U		<0.0052	U	
		VMP-19-5-043020-DUP	4/30/2020	<0.0067	U		<0.0058	U		<0 0058	U		<0.0056	U		<0 003	U		<0.0052	U		<0.0052	U	
VMP-20	5 ft	VMP-20-5-072219	7/22/2019	<0.0067	U		<0.0058	U		<0 0058	U		0.0035	J		<0 003	U		0.0062			<0.0052	U	
		VMP-20-5-102319	10/23/2019	0.002	J	J	<0.0057	U		<0 0057	U		<0.0054	U		<0 003	U		<0.005	U		<0 005	U	
		VMP-20-5-012420	1/24/2020	0.0032	J		<0.0069	U		<0 0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-20-5-022120	2/21/2020	0.0022	J		<0.0058	U		<0 0058	U		<0.0056	U		<0 003	U		<0.0052	U		<0.0052	U	
		VMP-20-5-042420	4/24/2020	0.0014	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
	10 ft	VMP-20-10-072219	7/22/2019	<0.0067	U		<0.0058	U		<0 0058	U		0.002	J		<0 003	U		0.0051	J		<0.0052	U	
		VMP-20-10-102319	10/23/2019	0.0014	J	J	<0.0057	U		<0 0057	U		<0.0054	U		<0 003	U		<0.005	U		<0 005	U	
		VMP-20-10-012420	1/24/2020	0.0053	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-20-10-042420	4/24/2020	0.0017	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
	25 ft	VMP-20-25-072619	7/26/2019	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-20-25-102319	10/23/2019	0.0061	J	J	<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-20-25-102319-DUP	10/23/2019	0.0041	J		<0.0058	U		<0 0058	U		<0.0055	U		<0 003	U		<0.0051	U		<0.0051	U	
		VMP-20-25-012420	1/24/2020	0.046			<0.0067	U		<0 0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-20-25-042420	4/24/2020	0.0074			<0.0065	U		<0 0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
VMP-21	5 ft	VMP-21-5-072919	7/29/2019	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-21-5-102319	10/23/2019	0.0015	J		<0.0071	U		<0 0071	U		0.0056	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-21-5-012220	1/22/2020	<0.0077	U		<0.0067	U		<0 0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-21-5-042320	4/23/2020	<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
	10 ft	VMP-21-10-072919	7/29/2019	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-21-10-072919-DUP	7/29/2019	<0.0068	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-21-10-102319	10/23/2019	0.0025	J		<0.0058	U		<0 0058	U		0.0022	J		<0 003	U		<0.0052	U		<0.0052	U	
		VMP-21-10-102319-DUP	10/23/2019	0.0012	J		<0.0061	U		<0 0061	U		0.0017	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-21-10-012220	1/22/2020	<0.0079	U		<0.0069	U		<0 0069	U		0.03			<0.0036	U		0.032			0 011		
		VMP-21-10-042320	4/23/2020	0.0014	J		<0.006	U		<0.006	U		0.00081	J		<0.0031	U		<0.0053	U		<0.0053	U	
	25 ft	VMP-21-25-072919	7/29/2019	<0.0072	U		0.0034	J		<0 0063	U		<0.006	U		<0.0033	U		0.0042	J		<0.0056	U	
		VMP-21-25-102319	10/23/2019	0.0015	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-21-25-012220	1/22/2020	<0.0078	U		<0.0068	U		<0 0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0 006	U	
		VMP-21-25-042320	4/23/2020	<0.0078	U		<0.0068	U		<0 0068	U		0.00097	J		<0.0036	U		<0.006	U		<0 006	U	
	33 ft	VMP-21-33-072919	7/29/2019	<0.0067	U		0.0021	J		<0 0058	U		0.0073			<0 003	U		<0.0052	U		<0.0052	U	
		VMP-21-33-102319	10/23/2019	0.0013	J		<0.0057	U		<0 0057	U		<0.0054	U		<0 003	U		<0.005	U		<0 005	U	
		VMP-21-33-012220	1/22/2020	<0.008	U		<0.007	U		<0.007	U		0.005	J		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-21-33-042320	4/23/2020	0.0012	J		<0.0058	U		<0 0058	U		0.0015	J		<0 003	U		<0.0052	U		<0.0052	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-22	5 ft	VMP-22-5-072419	7/24/2019	0.0012	J		<0.0064	U		<0 0064	U		<0.0061	U		<0.0033	U		0.0011	J		<0.0057	U	
		VMP-22-5-102319	10/23/2019	<0.0068	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-22-5-012320	1/23/2020	0.0022	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-22-5-042820	4/28/2020	<0.0072	U		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	10 ft	VMP-22-10-072419	7/24/2019	0.00097	J		<0.0061	U		<0 0061	U		0.0037	J		<0.0032	U		0.0019	J		<0.0054	U	
		VMP-22-10-102319	10/23/2019	0.0023	J	J	<0.0061	U		<0 0061	U		0.0041	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-22-10-012320	1/23/2020	<0.0076	U		<0.0066	U		<0 0066	U		0.018			<0.0034	U		0.022			0.0066		
		VMP-22-10-042820	4/28/2020	0.0012	J		<0.0057	U		<0 0057	U		<0.0054	U		<0 003	U		<0.005	U		<0 005	U	
	18 ft	VMP-22-18-072419	7/24/2019	0.0013	J		<0.0064	U		<0 0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-22-18-102319	10/23/2019	0.0021	J	J	<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-22-18-012320	1/23/2020	<0.0069	U		<0.0061	U		<0 0061	U		0.0018	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-22-18-042820	4/28/2020	0.0014	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	38 ft	VMP-22-38-072419	7/24/2019	0.0013	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-22-38-102319	10/23/2019	0.0026	J	J	<0.0058	U		<0 0058	U		0.0062			<0 003	U		<0.0051	U		<0.0051	U	
		VMP-22-38-012320	1/23/2020	<0.0074	U		<0.0065	U		<0 0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-22-38-012320-DUP	1/23/2020	<0.0074	U		<0.0065	U		<0 0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-22-38-042820	4/28/2020	0.0013	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-22-38-042820-DUP	4/28/2020	0.0014	J		0.0041	J		0.0019	J		<0.0061	U		<0.0033	U		0.0034	J		0.0016	J	
VMP-23	5 ft	VMP-23-5-072419	7/24/2019	0.0012	J		<0.0064	U		<0 0064	U		<0.006	U		<0.0033	U		0.0013	J		<0.0056	U	
		VMP-23-5-102419	10/24/2019	<0.0065	U		<0.0057	U		<0 0057	U		<0.0054	U		<0 003	U		<0.005	U		<0 005	U	
		VMP-23-5-012820	1/28/2020	<0.0069	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-23-5-042820	4/28/2020	0.0012	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
	10 ft	VMP-23-10-072419	7/24/2019	0.0012	J		0.00076	J		<0 0061	U		0.0013	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-23-10-102419	10/24/2019	0.0012	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-23-10-012820	1/28/2020	<0.0068	U		<0.0059	U		<0 0059	U		0.0082			<0.0031	U		0.011			0.0036	J	
		VMP-23-10-042820	4/28/2020	0.0016	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
	25 ft	VMP-23-25-072419	7/24/2019	0.0016	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		0.0013	J		<0.0052	U	
		VMP-23-25-102419	10/24/2019	0.0012	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-23-25-012820	1/28/2020	<0.0062	U		<0.0054	U		<0 0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-23-25-012820-DUP	1/28/2020	<0.0062	U		<0.0054	U		<0 0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-23-25-042820	4/28/2020	0.0016	J		<0.0064	U		<0 0064	U		0.001	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-23-25-042820-DUP	4/28/2020	0.0015	J		<0.0059	U		<0 0059	U		0.0058			<0.0031	U		<0.0052	U		<0.0052	U	
VMP-24	5 ft	VMP-24-5-102219	10/22/2019	0.0011	J		0.00085	J		<0 0061	U		0.0051	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-24-5-012320	1/23/2020	<0.0083	U		<0.0073	U		<0 0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-24-5-012320-DUP	1/23/2020	<0.0072	U		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-24-5-042220	4/22/2020	<0.0074	U		<0.0065	U		<0 0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
	10 ft	VMP-24-10-102219	10/22/2019	0.0013	J		<0.0056	U		<0 0056	U		0.0037	J		<0.0029	U		<0.005	U		<0 005	U	
		VMP-24-10-012320	1/23/2020	<0.0084	U		<0.0073	U		<0 0073	U		0.0028	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-24-10-042220	4/22/2020	<0.0071	U		<0.0062	U		<0 0062	U		0.028			<0.0032	U		<0.0055	U		<0.0055	U	
	22 ft	VMP-24-22-102219	10/22/2019	0.0018	J		<0.0057	U		<0 0057	U		<0.0054	U		<0 003	U		<0.005	U		<0 005	U	
		VMP-24-22-012320	1/23/2020	<0.0077	U		<0.0067	U		<0 0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-24-22-042220	4/22/2020	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-24-22-042220-DUP	4/22/2020	<0.0074	U		<0.0065	U		<0 0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
	34 ft	VMP-24-34-102219	10/22/2019	0.001	J		<0.0054	U		<0 0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-24-34-012320	1/23/2020	<0.0079	U		<0.0069	U		<0 0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-24-34-042220	4/22/2020	0.0014	J		0.0097			0.0025	J		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
VMP-32	5 ft	VMP-32-5-072319	7/23/2019	0.00086	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		0.0022	J		<0.0055	U	
		VMP-32-5-072319-DUP	7/23/2019	0.001	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		0.0011	J		<0.0054	U	
		VMP-32-5-102419	10/24/2019	<0.0069	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-32-5-012820	1/28/2020	<0.011	U		<0.0093	U		<0 0093	J	U	0.0082	J		<0.0048	U		<0.0082	U		<0.0082	U	
		VMP-32-5-042920	4/29/2020	<0.0076	U		<0.0067	U		<0 0067	U		0.0025	J		<0.0035	U		<0.0059	U		<0.0059	U	
	10 ft	VMP-32-10-072319	7/23/2019	0.0014	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-32-10-102419	10/24/2019	0.0013	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-32-10-012820	1/28/2020	0.0014	J		<0.0066	U		<0 0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-32-10-042920	4/29/2020	0.0018	J		<0.0067	U		<0 0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
	20 ft	VMP-32-20-072319	7/23/2019	<0.0072	U		<0.0063	U		<0 0063	U		0.0017	J		<0.0033	U		0.0018	J		<0.0056	U	
		VMP-32-20-012820	1/28/2020	0.0014	J		0.0018	J		<0 0066	U		0.0014	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-32-20-042920	4/29/2020	<0.0078	U		<0.0068	U		<0 0068	U		0.0018	J		<0.0035	U		<0.006	U		<0 006	U	
	30 ft	VMP-32-30-072319	7/23/2019	0.0015	J		<0.0068	U		<0 0068	U		0.022			<0.0035	U		0.0086			<0 006	U	
		VMP-32-30-102419	10/24/2019	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-32-30-012820	1/28/2020	<0.0081	U		<0.0071	U		<0 0071	U		<0.0068	U		<0.0037	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	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-42	10 ft	VMP-42-10-072319	7/23/2019	0.0011	J		0.0022	J		<0 0061	U		0.012			<0.0032	U		0.0056			0.0018	J	
		VMP-42-10-102119	10/21/2019	0.0015	J		<0.0055	U		<0 0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-42-10-012720	1/27/2020	<0.0083	U		<0.0073	U		<0 0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-42-10-042920	4/29/2020	<0.0083	U		<0.0072	U		<0 0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
	20 ft	VMP-42-20-072319	7/23/2019	0.0015	J		<0.0059	U		<0 0059	U		0.0015	J		<0.0031	U		0.0015	J		<0.0052	U	
		VMP-42-20-102119	10/21/2019	0.0012	J		<0.0061	U		<0 0061	U		0.0091			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-42-20-012720	1/27/2020	<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-42-20-042920	4/29/2020	0.0015	J		<0.0068	U		<0 0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0 006	U	
		VMP-42-20-042920-DUP	4/29/2020	0.0017	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	30 ft	VMP-42-30-072319	7/23/2019	0.0013	J		<0.0061	U		<0 0061	U		0.0042	J		<0.0032	U		0.0034	J		<0.0054	U	
		VMP-42-30-102119	10/21/2019	0.0013	J		<0.0054	U		<0 0054	U		0.0025	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-42-30-102119-DUP	10/21/2019	0.0012	J		<0.0059	U		<0 0059	U		0.0056			<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-42-30-012720	1/27/2020	<0.008	U		<0.007	U		<0.007	U		<0.0067	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-42-30-042920	4/29/2020	<0.0088	U		<0.0077	U		<0 0077	U		<0.0074	U		<0 004	U		<0.0068	U		<0.0068	U	
VMP-43	10 ft	VMP-43-10-080119	8/1/2019	0.00094	J		<0.0058	U		<0 0058	U		0.0018	J		<0 003	U		<0.0052	U		<0.0052	U	
		VMP-43-10-102119	10/21/2019	0.0012	J		<0.0057	U		<0 0057	U		<0.0054	U		<0 003	U		<0.005	U		<0 005	U	
		VMP-43-10-012720	1/27/2020	<0.0067	U		<0.0059	U		<0 0059	U		<0.0056	U		<0 003	U		<0.0052	U		<0.0052	U	
		VMP-43-10-043020	4/30/2020	<0.0076	U		<0.0066	U		<0 0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
	20 ft	VMP-43-20-080119	8/1/2019	0.00075	J		<0.0058	U		<0 0058	U		0.0015	J		<0 003	U		<0.0052	U		<0.0052	U	
		VMP-43-20-102119	10/21/2019	0.0015	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-43-20-012720	1/27/2020	<0.0077	U		<0.0067	U		<0 0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-43-20-043020	4/30/2020	<0.0078	U		<0.0068	U		<0 0068	U		0.008			<0.0035	U		<0.006	U		<0 006	U	
	30 ft	VMP-43-30-080119	8/1/2019	0.0011	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-43-30-102119	10/21/2019	0.0013	J		<0.0061	U		<0 0061	U		0.0015	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-43-30-102119-DUP	10/21/2019	0.0011	J		<0.0061	U		<0 0061	U		0.0012	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-43-30-012720	1/27/2020	<0.0074	U		<0.0064	U		<0 0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-43-30-043020	4/30/2020	<0.0072	U		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
VMP-44	10 ft	VMP-44-10-072319	7/23/2019	<0.0076	U		<0.0066	U		<0 0066	U		0.0027	J		<0.0034	U		0.0026	J		<0.0058	U	
		VMP-44-10-102419	10/24/2019	<0.0064	U		<0.0056	U		<0 0056	U		0.0031	J		<0.0029	U		<0.005	U		<0 005	U	
		VMP-44-10-012720	1/27/2020	<0.0083	U		<0.0072	U		<0 0072	U		0.0025	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-44-10-043020	4/30/2020	<0.0065	U		<0.0057	U		<0 0057	U		<0.0054	U		<0 003	U		<0.005	U		<0 005	U	
	20 ft	VMP-44-20-072319	7/23/2019	0.0013	J		0.072			0.062			0.004	J		<0 003	U		0.016			0 026		
		VMP-44-20-102419	10/24/2019	<0.0065	U		<0.0057	U		<0 0057	U		0.0014	J		<0 003	U		<0.005	U		<0 005	U	
		VMP-44-20-012720	1/27/2020	<0.0081	U		<0.007	U		<0.007	U		<0.0067	U		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-44-20-043020	4/30/2020	<0.0069	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
	30 ft	VMP-44-30-072319	7/23/2019	0.0011	J		<0.0057	U		<0 0057	U		<0.0054	U		<0 003	U		0.0012	J		<0 005	U	
		VMP-44-30-102419	10/24/2019	<0.0062	U		<0.0054	U		<0 0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-44-30-012720	1/27/2020	<0.0067	U		<0.0059	U		<0 0059	U		0.0026	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-44-30-012720-DUP	1/27/2020	<0.0069	U		<0.006	J	U	<0.006	U		0.0027	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-44-30-043020	4/30/2020	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
VMP-45	10 ft	VMP-45-10-080119	8/1/2019	0.00088	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		0.0014	J		<0.0055	U	
		VMP-45-10-111519R	11/15/2019	<0.007	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		0.0017	J		<0.0054	U	
		VMP-45-10-012720	1/27/2020	<0.007	U		<0.0061	U		<0 0061	U		0.01			<0.0032	U		0.015			0.0044	J	
		VMP-45-10-042720	4/27/2020	<0.0074	U		<0.0065	U		<0 0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
	20 ft	VMP-45-20-080119	8/1/2019	0.001	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-45-20-102419	10/24/2019	0.0011	J		<0.0056	U		<0 0056	J	U	0.0057			<0.0029	U		0.002	J		<0 005	U	
		VMP-45-20-012720	1/27/2020	<0.007	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-45-20-042720	4/27/2020	<0.007	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0054	U		<0.0054	U	
	30 ft	VMP-45-30-080119	8/1/2019	0.00091	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-45-30-102419	10/24/2019	0.0037	J		<0.0058	U		<0 0058	U		<0.0056	U		<0 003	U		<0.0052	U		<0.0052	U	
		VMP-45-30-102419-DUP	10/24/2019	0.0039	J		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		0.0014	J		<0 005	U	
		VMP-45-30-012720	1/27/2020	0.018			<0.0068	U		<0 0068	U		0.0043	J		<0.0035	U		<0.006	U		<0 006	U	
		VMP-45-30-042720	4/27/2020	<0.0066	U		<0.0058	U		<0 0058	U		<0.0055	U		<0 003	U		<0.0051	U		<0.0051	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-072619	7/26/2019	<0.007	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-47-5-102319	10/23/2019	0.0013	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-47-5-012920	1/29/2020	<0.0084	U		<0.0073	U		<0 0073	U		0.038		J	<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-47-5-012920-DUP	1/29/2020	<0.008	U		0.0031	J		<0.007	U		0.15		J	<0.0036	U		0.012			<0.0062	U	
		VMP-47-5-042820	4/28/2020	<0.0079	U		<0.0069	U		<0 0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
	10 ft	VMP-47-10-072619	7/26/2019	0.0013	J		<0.0063	U		<0 0063	U		0.0022	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-47-10-102319	10/23/2019	0.0012	J		<0.0065	U		<0 0065	U		<0.0062	U		<0.0034	U		0.0008	J		<0.0057	U	
		VMP-47-10-012920	1/29/2020	<0.0076	U		<0.0067	U		<0 0067	U		<0.0063	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-47-10-042820	4/28/2020	<0.0078	U		<0.0068	U		<0 0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0 006	U	
		VMP-47-10-042820-DUP	4/28/2020	<0.0079	U		<0.0069	U		<0 0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
	20 ft	VMP-47-20-072619	7/26/2019	0.0011	J		<0.0061	U		<0 0061	U		0.0096			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-47-20-102319	10/23/2019	<0.0072	U		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-47-20-012920	1/29/2020	<0.0073	U		<0.0064	U		<0 0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-47-20-042820	4/28/2020	<0.0076	U		<0.0066	U		<0 0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
	30 ft	VMP-47-30-072619	7/26/2019	0.0013	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		0.00093	J		<0.0055	U	
		VMP-47-30-102319	10/23/2019	0.00093	J		<0.0066	U		<0 0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-47-30-012920	1/29/2020	<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-47-30-042820	4/28/2020	<0.0075	U		<0.0066	U		<0 0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
VMP-48	5 ft	VMP-48-5-072619	7/26/2019	<0.0073	U		<0.0064	U		<0 0064	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-48-5-102119	10/21/2019	0.00094	J		<0.0062	U		<0 0062	U		0.013			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-48-5-012920	1/29/2020	<0.0081	U		<0.0071	U		<0 0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-48-5-042420	4/24/2020	<0.0082	U		<0.0072	U		<0 0072	U		<0.0068	U		<0.0037	U		<0.0064	U		<0.0064	U	
	10 ft	VMP-48-10-072619	7/26/2019	<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-48-10-102119	10/21/2019	0.0013	J		<0.0058	U		<0 0058	U		0.0011	J		<0 003	U		<0.0052	U		<0.0052	U	
		VMP-48-10-012920	1/29/2020	<0.0082	U		<0.0072	U		<0 0072	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-48-10-042420	4/24/2020	0.0013	J		<0.0067	U		<0 0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
	20 ft	VMP-48-20-102119	10/21/2019	0.002	J		<0.0058	U		<0 0058	U		<0.0056	U		<0 003	U		<0.0052	U		<0.0052	U	
	30 ft	VMP-48-30-072619	7/26/2019	0.016			<0.0061	U		<0 0061	U		0.0019	J		<0.0032	U		0.0015	J		<0.0054	U	
		VMP-48-30-102119	10/21/2019	0.016			<0.0063	U		<0 0063	U		0.022			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-48-30-012920	1/29/2020	0.024		J	<0.007	U		<0.007	U		<0.0067	U		<0.0036	U		<0.0062	U		<0.0062	U	
VMP-49	5 ft	VMP-49-5-072919	7/29/2019	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-49-5-101819	10/18/2019	<0.0068	U		<0.0059	U		<0 0059	U		0.0012	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-49-5-012220	1/22/2020	<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-49-5-042920	4/29/2020	0.0016	J		<0.0072	U		<0 0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
	10 ft	VMP-49-10-072919	7/29/2019	<0.0069	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-49-10-101819	10/18/2019	0.0015	J		0.0012	J		<0 0059	U		0.0022	J		<0 003	U		0.00094	J		<0.0052	U	
		VMP-49-10-012220	1/22/2020	<0.0081	U		<0.0071	U		<0 0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-49-10-042920	4/29/2020	0.0012	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
	20 ft	VMP-49-20-072919	7/29/2019	<0.0069	U		<0.0061	U		<0 0061	U		0.0058			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-49-20-101819	10/18/2019	<0.0078	U		<0.0068	U		<0 0068	U		0.0066			<0.0035	U		<0.006	U		<0 006	U	
		VMP-49-20-012220	1/22/2020	<0.0075	U		<0.0066	U		<0 0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-49-20-042920	4/29/2020	<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-49-20-042920-DUP	4/29/2020	0.0012	J		<0.0064	U		<0 0064	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	30 ft	VMP-49-30-072919	7/29/2019	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-49-30-101819	10/18/2019	0.0023	J		<0.0065	U		<0 0065	U		0.003	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-49-30-012220	1/22/2020	<0.0072	U		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-49-30-042920	4/29/2020	0.0013	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
VMP-50	5 ft	VMP-50-5-073019	7/30/2019	0.0013	J		<0.0058	U		<0 0058	U		<0.0055	U		<0 003	U		<0.0051	U		<0.0051	U	
		VMP-50-5-102319	10/23/2019	0.0016	J	J	<0.0059	U		<0 0059	U		<0.0056	U		<0 003	U		<0.0052	U		<0.0052	U	
		VMP-50-5-012820	1/28/2020	<0.0078	U		<0.0068	U		<0 0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0 006	U	
		VMP-50-5-042820	4/28/2020	<0.0074	U		<0.0065	U		<0 0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
	10 ft	VMP-50-10-073019	7/30/2019	<0.0073	U		<0.0064	U		<0 0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-50-10-102319	10/23/2019	0.0022	J	J	<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-50-10-012820	1/28/2020	<0.0079	U		0.0013	J		<0 0069	U		0.0019	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-50-10-042820	4/28/2020	<0.0078	U		<0.0068	U		<0 0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0 006	U	
	20 ft	VMP-50-20-073019	7/30/2019	<0.0077	U		<0.0067	U		<0 0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-50-20-102319	10/23/2019	<0.0074	U		<0.0065	U		<0 0065	U		0.048			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-50-20-012820	1/28/2020	<0.0078	U		<0.0068	U		<0 0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0 006	U	
		VMP-50-20-042820	4/28/2020	0.0013	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	30 ft	VMP-50-30-073019	7/30/2019	<0.14	U		<0.12	U		0.24			8.9			<0 065	U		0.092	J		0.05	J	
		VMP-50-30-102319	10/23/2019	<0.071	U		<0.062	U		0.19			6.4			<0 032	U		0.049	J		0 036	J	
		VMP-50-30-012820	1/28/2020	<0.15	U		<0.13	U		0.076	J		5.8			<0 069	U		<0.12	U		<0.12	U	
		VMP-50-30-042820	4/28/2020	<0.095	U		<0.083	U		0.028	J		1.9			<0 043	U		0.032	J		0 027	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	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-072419	7/24/2019	0.002	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-51-5-102519	10/25/2019	<0.0074	U		<0.0065	U		<0 0065	U		0.0013	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-51-5-012820	1/28/2020	<0.0079	U		<0.0069	U		<0 0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-51-5-012820-DUP	1/28/2020	<0.0078	U		<0.0068	U		<0 0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0 006	U	
		VMP-51-5-042720	4/27/2020	<0.0067	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	10 ft	VMP-51-10-072419	7/24/2019	0.0018	J		<0.0058	U		<0 0058	U		0.0014	J		<0 003	U		0.00089	J		<0.0052	U	
		VMP-51-10-102519	10/25/2019	0.0012	J		<0.006	U		<0.006	U		0.00095	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-51-10-012820	1/28/2020	<0.0078	U		<0.0068	U		<0 0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0 006	U	
		VMP-51-10-042720	4/27/2020	<0.0073	U		<0.0064	U		<0 0064	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	20 ft	VMP-51-20-072419	7/24/2019	0.002	J		<0.0063	U		<0 0063	U		0.015			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-51-20-102519	10/25/2019	0.0016	J		<0.0062	U		<0 0062	U		0.0023	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-51-20-022120	2/21/2020	<0.0067	U		<0.0058	U		<0 0058	U		0.0041	J		<0 003	U		<0.0052	U		<0.0052	U	
		VMP-51-20-042720	4/27/2020	0.002	J		<0.0065	U		<0 0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
	30 ft	VMP-51-30-072419	7/24/2019	0.0016	J		<0.0057	U		<0 0057	U		<0.0054	U		<0 003	U		0.0013	J		<0 005	U	
		VMP-51-30-102519	10/25/2019	0.0019	J		<0.006	U		<0.006	U		0.0012	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-51-30-102519-DUP	10/25/2019	0.0018	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-51-30-012820	1/28/2020	0.0014	J		<0.0066	U		<0 0066	U		0.0019	J		<0.0034	U		0.00083	J		<0.0058	U	
		VMP-51-30-042720	4/27/2020	0.0031	J		<0.0058	U		<0 0058	U		<0.0055	U		<0 003	U		<0.0051	U		<0.0051	U	
VMP-52	5 ft	VMP-52-5-072619	7/26/2019	<0.0072	U		<0.0063	U		<0 0063	U		<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-52-5-072619-DUP	7/26/2019	<0.007	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-52-5-102219	10/22/2019	0.0019	J		<0.0063	U		<0 0063	U		0.011			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-52-5-012320	1/23/2020	<0.0082	U		<0.0072	U		<0 0072	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-52-5-042720	4/27/2020	<0.0065	U		<0.0057	U		<0 0057	U		<0.0054	U		<0 003	U		<0.005	U		<0 005	U	
	10 ft	VMP-52-10-072619	7/26/2019	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-52-10-102219	10/22/2019	0.002	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		0.0021	J		<0.0054	U	
		VMP-52-10-042720	4/27/2020	<0.0068	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	20 ft	VMP-52-20-072219	7/22/2019	<0.0072	U		<0.0063	U		<0 0063	U		0.0054	J		<0.0033	U		0.0036	J		<0.0056	U	
		VMP-52-20-102219	10/22/2019	0.00096	J		<0.0061	U		<0 0061	U		0.003	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-52-20-012320	1/23/2020	<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-52-20-042720	4/27/2020	<0.0073	U		<0.0064	U		<0 0064	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	30 ft	VMP-52-30-072219	7/22/2019	<0.0069	U		<0.0061	U		<0 0061	U		0.0035	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-52-30-102219	10/22/2019	0.0015	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-52-30-102219-DUP	10/22/2019	0.0014	J		<0.0062	U		<0 0062	U		0.0039	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-52-30-012320	1/23/2020	<0.0078	U		<0.0068	U		<0 0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0 006	U	
		VMP-52-30-042720	4/27/2020	<0.007	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-52-30-042720-DUP	4/27/2020	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
VMP-53	5 ft	VMP-53-5-071919	7/19/2019	<0.007	U		<0.0061	U		<0 0061	U		0.0055	J		<0.0032	U		0.01			0.0032	J	
		VMP-53-5-101819	10/18/2019	0.0012	J		<0.0058	U		<0 0058	U		<0.0055	U		<0 003	U		<0.0051	U		<0.0051	U	
		VMP-53-5-012220	1/22/2020	<0.0079	U		<0.0069	U		<0 0069	U		0.002	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-53-5-042220	4/22/2020	0.0012	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	10 ft	VMP-53-10-071919	7/19/2019	0.0016	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		0.0016	J		<0.0056	U	
		VMP-53-10-101819	10/18/2019	<0.0077	U		<0.0068	U		<0 0068	U		0.0041	J		<0.0035	U		<0.006	U		<0 006	U	
		VMP-53-10-012220	1/22/2020	<0.0066	U		<0.0058	U		<0 0058	U		<0.0055	U		<0 003	U		<0.0051	U		<0.0051	U	
		VMP-53-10-042220	4/22/2020	0.0016	J		<0.0062	U		<0 0062	U		0.00093	J		<0.0032	U		<0.0055	U		<0.0055	U	
	20 ft	VMP-53-20-071919	7/19/2019	<0.0074	U		<0.0065	U		<0 0065	U		0.013			<0.0034	U		0.0038	J		<0.0057	U	
		VMP-53-20-101819	10/18/2019	<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-53-20-012220	1/22/2020	<0.007	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-53-20-042220	4/22/2020	<0.0072	U		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	30 ft	VMP-53-30-071919	7/19/2019	<0.0073	U		<0.0064	U		<0 0064	U		0.0017	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-53-30-101819	10/18/2019	0.0014	J		<0.0058	U		<0 0058	U		0.0021	J		<0 003	U		<0.0051	U		<0.0051	U	
		VMP-53-30-101819-DUP	10/18/2019	0.0013	J		<0.0061	U		<0 0061	U		0.0016	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-53-30-012220	1/22/2020	<0.0073	U		<0.0064	U		<0 0064	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-53-30-012220-DUP	1/22/2020	<0.0074	U		<0.0065	U		<0 0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-53-30-042220	4/22/2020	<0.0076	U		<0.0066	U		<0 0066	U		0.0024	J		<0.0034	U		<0.0058	U		<0.0058	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	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-072219	7/22/2019	<0.0069	U		<0.0061	U		<0 0061	U		0.0028	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-54-5-102219	10/22/2019	0.0016	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-54-5-012220	1/22/2020	<0.0094	U		<0.0082	U		<0 0082	U		<0.0078	U		<0.0043	U		<0.0073	U		<0.0073	U	
		VMP-54-5-042720	4/27/2020	0.0011	J		0.0044	J		0.0026	J		<0.0062	U		<0.0034	U		0.0014	J		0.0016	J	
		VMP-54-5-052120	5/21/2020	0.0018	J		0.0049	J		0.0018	J		0.0074			<0.0031	U		0.0079			0.0027	J	
	10 ft	VMP-54-10-072219	7/22/2019	<0.0069	U		<0.0061	U		<0 0061	U		0.0018	J		<0.0032	U		0.0043	J		<0.0054	U	
		VMP-54-10-102219	10/22/2019	0.0013	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-54-10-031220	3/12/2020	0.0018	J		<0.0061	U		<0 0061	U		0.0063			<0.0032	U		0.00078	J		<0.0054	U	
		VMP-54-10-042720	4/27/2020	0.001	J		<0.0066	U		<0 0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
	20 ft	VMP-54-20-072219	7/22/2019	<0.0067	U		<0.0058	U		<0 0058	U		0.002	J		<0 003	U		<0.0052	U		<0.0052	U	
		VMP-54-20-102219	10/22/2019	0.0017	J		<0.0065	U		<0 0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-54-20-012220	1/22/2020	<0.0073	U		<0.0064	U		<0 0064	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-54-20-042720	4/27/2020	0.001	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
	30 ft	VMP-54-30-072219	7/22/2019	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		0.0025	J		<0.0055	U	
		VMP-54-30-102219	10/22/2019	0.00087	J		<0.0071	U		<0 0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-54-30-012220	1/22/2020	<0.0085	U		<0.0074	U		<0 0074	U		0.0041	J		<0.0038	U		0.0022	J		<0.0066	U	
		VMP-54-30-042720	4/27/2020	0.0012	J		<0.0065	U		<0 0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
VMP-56	10 ft	VMP-56-10-072319	7/23/2019	0.0014	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		0.0019	J		<0.0055	U	
		VMP-56-10-102119	10/21/2019	0.0015	J		<0.0054	U		<0 0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-56-10-012220	1/22/2020	<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-56-10-042420	4/24/2020	0.00098	J		<0.0064	U		<0 0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
	25 ft	VMP-56-25-072319	7/23/2019	0.0014	J		<0.0059	U		<0 0059	U		0.0012	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-56-25-102119	10/21/2019	0.0016	J		<0.0063	U		<0 0063	U		0.054			<0.0033	U		0.037			0 011		
		VMP-56-25-012220	1/22/2020	<0.0073	U		<0.0064	U		<0 0064	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-56-25-042420	4/24/2020	0.0011	J		<0.0068	U		<0 0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0 006	U	
VMP-62	5 ft	VMP-62-5-072919	7/29/2019	<0.0072	U		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-62-5-102319	10/23/2019	0.002	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-62-5-012920	1/29/2020	<0.0068	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-62-5-042820	4/28/2020	0.0012	J		<0.0066	U		<0 0066	U		<0.0063	U		<0.0034	U		<0.0059	U		<0.0059	U	
	10 ft	VMP-62-10-072919	7/29/2019	<0.0065	U		<0.0057	U		<0 0057	U		0.0043	J		<0 003	U		0.0015	J		<0 005	U	
		VMP-62-10-072919-DUP	7/29/2019	<0.0069	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-62-10-102319	10/23/2019	0.0009	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-62-10-012920	1/29/2020	<0.0072	U		<0.0063	U		<0 0063	U		<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-62-10-042820	4/28/2020	<0.0084	U		<0.0073	U		<0 0073	U		<0.007	U		<0.0038	U		<0.0065	U		<0.0065	U	
	20 ft	VMP-62-20-072919	7/29/2019	<0.0068	U		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-62-20-102319	10/23/2019	0.0013	J		<0.0061	U		<0 0061	U		0.0013	J		<0.0032	U		0.00067	J		<0.0054	U	
		VMP-62-20-012920	1/29/2020	<0.008	U		<0.007	U		<0.007	U		<0.0067	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-62-20-042820	4/28/2020	<0.0076	U		<0.0067	U		<0 0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-62-20-042820-DUP	4/28/2020	<0.0077	U		<0.0067	U		<0 0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
	30 ft	VMP-62-30-072919	7/29/2019	<0.0064	U		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0 005	U	
		VMP-62-30-102319	10/23/2019	0.0023	J		<0.0066	U		<0 0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-62-30-012920	1/29/2020	<0.0076	U		<0.0066	U		<0 0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-62-30-042820	4/28/2020	0.002	J		<0.0071	U		<0 0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
VMP-63	5 ft	VMP-63-5-072319	7/23/2019	<0.0076	U		<0.0066	U		<0 0066	U		0.0019	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-63-5-102419	10/24/2019	0.0016	J		<0.0057	U		<0 0057	U		0.0013	J		<0 003	U		<0.005	U		<0 005	U	
		VMP-63-5-102419-DUP	10/24/2019	<0.0069	U		<0.0061	U		<0 0061	U		0.0019	J		<0.0032	U		0.0021	J		<0.0054	J	U
		VMP-63-5-012720	1/27/2020	<0.0076	U		<0.0066	U		<0 0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-63-5-012720-DUP	1/27/2020	<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-63-5-042420	4/24/2020	0.00095	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	10 ft	VMP-63-10-072319	7/23/2019	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-63-10-102419	10/24/2019	<0.0064	U		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0 005	U	
		VMP-63-10-012720	1/27/2020	0.0022	J		<0.0059	U		<0 0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-63-10-042420	4/24/2020	0.0013	J		<0.0066	U		<0 0066	U		0.0019	J		<0.0034	U		<0.0058	U		<0.0058	U	
	20 ft	VMP-63-20-072319	7/23/2019	0.0013	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		0.0013	J		<0.0054	U	
		VMP-63-20-102419	10/24/2019	<0.0071	U		<0.0062	U		<0 0062	U		0.0039	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-63-20-012720	1/27/2020	<0.0077	U		<0.0067	U		<0 0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-63-20-042420	4/24/2020	0.001	J		<0.0059	U		<0 0059	U		0.0014	J		<0.0031	U		<0.0052	U		<0.0052	U	
	30 ft	VMP-63-30-072319	7/23/2019	0.00093	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		0.0026	J		<0.0055	U	
		VMP-63-30-102419	10/24/2019	<0.0071	U		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-63-30-012720	1/27/2020	<0.0077	U		<0.0068	U		<0 0068	U		0.0021	J		<0.0035	U		<0.006	U		<0 006	U	
		VMP-63-30-042420	4/24/2020	0.001	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-072519	7/25/2019	0.0011	J		<0.0058	U		<0 0058	U		<0.0055	U		<0 003	U		<0.0051	U		<0.0051	U	
		VMP-64-5-072519-DUP	7/25/2019	0.0014	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-64-5-102319	10/23/2019	<0.0069	U		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-64-5-012820	1/28/2020	0.0013	J		<0.0067	U		<0 0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-64-5-042420	4/24/2020	0.0011	J		<0.0063	U		<0 0063	U		0.0012	J		<0.0032	U		<0.0055	U		<0.0055	U	
	10 ft	VMP-64-10-072519	7/25/2019	0.00093	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-64-10-102319	10/23/2019	0.00096	J		<0.0062	U		<0 0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-64-10-012820	1/28/2020	<0.0076	U		<0.0066	U		<0 0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-64-10-042420	4/24/2020	0.0011	J		<0.0056	U		<0 0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0 005	U	
	20 ft	VMP-64-20-072519	7/25/2019	0.0012	J		<0.0064	U		<0 0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-64-20-102319	10/23/2019	0.00094	J		<0.0063	U		<0 0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-64-20-012820	1/28/2020	<0.0081	U		<0.0071	U		<0 0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-64-20-042420	4/24/2020	0.0012	J		<0.0061	U		<0 0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-64-20-042420-DUP	4/24/2020	0.0012	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	

Notes:
Analytes shown were detected in at least one location on Table 5 or Table 6 during the current quarter or previous 3 quarters.
Yellow highlighted cells indicate readings that exceed residential screening criterion.
Blank cells in Result column indicate that analyte was not on target analyte list.

Lab Qualifiers
J = Estimated value; results between he MDL and RL
U = Compound analyzed for but not detected above the RL
CN = Indicates potential high bias due to use of Tedlar© bag for off-line dilution
ND,UJ = Non-detected compound associated with low bias in the continuing calibration verification (CCV)
J0 = Estimated value due to bias in the CCV

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

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			2.8			450000			52			42						40000			5300		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-10-5-072619	7/26/2019	0.012	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-10-5-102519	10/25/2019	0.0066	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-10-5-012420	1/24/2020	0.014	J	J	<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-10-5-042320	4/23/2020	0.004	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
	10 ft	VMP-10-10-072619	7/26/2019	0.0079	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.015	U	
		VMP-10-10-102519	10/25/2019	0.013	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-10-10-012420	1/24/2020	0.0065	J	J	<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-10-10-042320	4/23/2020	0.014	J		0.022			<0.0091	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
	20 ft	VMP-10-20-072619	7/26/2019	0.0075	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-10-20-102519	10/25/2019	0.015	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-10-20-012420	1/24/2020	0.007	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-10-20-042320	4/23/2020	0.012	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
VMP-11	5 ft	VMP-11-5-073119	7/31/2019	0.02	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-11-5-102519	10/25/2019	0.0058	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-11-5-012920	1/29/2020	0.0099	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.018	U	
		VMP-11-5-042720	4/27/2020	0.057			0.26			<0.0086	U		<0.013	U		<0.05	U		0.0048	J		0.006	J		<0.016	U	
	8 ft	VMP-11-8-073119	7/31/2019	0.035			<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		0.0032	J		<0.014	U	
		VMP-11-8-102519	10/25/2019	0.01	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-11-8-012920	1/29/2020	0.0074	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-11-8-042720	4/27/2020	0.013	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0018	J		<0.015	U	
	29 ft	VMP-11-29-073119	7/31/2019	0.021	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		0.004	J	
		VMP-11-29-102519	10/25/2019	0.0072	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-11-29-012920	1/29/2020	0.0072	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-11-29-042720	4/27/2020	0.021	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		0.0016	J		0.0021	J		<0.016	U	
		VMP-11-29-042720-DUP	4/27/2020	0.018	J		0.03			<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0024	J		0.0023	J	
	38 ft	VMP-11-38-073119	7/31/2019	0.017	J		<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.011	U		<0.014	U		0.0041	J	
		VMP-11-38-102519	10/25/2019	0.0055	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-11-38-012920	1/29/2020	0.0052	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-11-38-042720	4/27/2020	0.017	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		0.0013	J		<0.015	U	
VMP-12	5 ft	VMP-12-5-072419	7/24/2019	0.016	J		0.0047			<0.0089	U		<0.014	U		<0.051	U	UJ	<0.012	U		<0.016	U		<0.016	U	
		VMP-12-5-102219	10/22/2019	<0.034	U		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-12-5-102219-DUP	10/22/2019	0.0085	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-12-5-012920	1/29/2020	<0.032	U		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-12-5-042920	4/29/2020	0.013	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
	11.5 ft	VMP-12-11.5-072419	7/24/2019	0.022	J		0.00084	J		<0.0085	U		<0.013	U		<0.049	U	UJ	0.0045	J		<0.015	U		<0.016	U	
		VMP-12-11.5-102219	10/22/2019	0.007	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		0.0044	J		<0.014	U		<0.015	U	
		VMP-12-11.5-012920	1/29/2020	<0.029	U		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-12-11.5-042920	4/29/2020	0.01	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
	25 ft	VMP-12-25-072419	7/24/2019	0.011	J		0.0027	J		<0.0089	U		<0.014	U		<0.052	U	UJ	0.0036	J		<0.016	U		0.0077	J	
		VMP-12-25-102219	10/22/2019	<0.03	U		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-12-25-012920	1/29/2020	0.0053	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		0.39			<0.015	U		<0.016	U	
		VMP-12-25-012920-DUP	1/29/2020	<0.028	U		0.0014	J		<0.008	U		<0.012	U		<0.047	U		0.39			<0.014	U		<0.015	U	
		VMP-12-25-042920	4/29/2020	0.005	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		<0.013	U		<0.014	U	
VMP-13	5 ft	VMP-13-5-073119	7/31/2019	0.045			0.0018	J		<0.008	U		<0.012	U		<0.047	U		<0.011	U		0.003	J		<0.015	U	
		VMP-13-5-102819	10/28/2019	<0.031	U		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-13-5-012420	1/24/2020	<0.034	ND,UJ	UJ	<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-13-5-012420-DUP	1/24/2020	0.0094	J	J	<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		0.0043	J		<0.017	U		<0.018	U	
		VMP-13-5-042320	4/23/2020	0.027	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0069	J		0.0019	J	
	10.5 ft	VMP-13-10.5-073119	7/31/2019	0.015	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-13-10.5-102819	10/28/2019	<0.03	U		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-13-10.5-012420	1/24/2020	<0.035	ND,UJ	UJ	<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-13-10.5-042320	4/23/2020	0.054		J	0.0012	J		<0.008	U		<0.012	U		<0.046	U		0.0022	J		0.003	J		<0.015	U	
	21.5 ft	VMP-13-21.5-073119	7/31/2019	0.0093	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-13-21.5-102819	10/28/2019	<0.032	U		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.016	U	
		VMP-13-21.5-012420	1/24/2020	0.0053	J	J	<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-13-21.5-042320	4/23/2020	0.0058	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
	29.5 ft	VMP-13-29.5-102819	10/28/2019	0.02	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.011	U		0.01	J		<0.015	U	
		VMP-13-29.5-042320	4/23/2020	0.01	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	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	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			2.8			450000			52			42						40000			5300		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-14	5 ft	VMP-14-5-073019	7/30/2019	0.13			0.0017	J		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		0.0086	J		<0.016	U	
		VMP-14-5-073019-DUP	7/30/2019	0.02	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-14-5-102819	10/28/2019	<0.031	U		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-14-5-012820	1/28/2020	<0.034	ND,UJ	UJ	<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-14-5-042320	4/23/2020	0.0099	J	J	<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
	11.5 ft	VMP-14-11.5-073019	7/30/2019	0.022	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		0.0074	J	
		VMP-14-11.5-102819	10/28/2019	<0.033	U		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.018	U	
		VMP-14-11.5-012820	1/28/2020	0.0071	J	J	<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-14-11.5-042320	4/23/2020	0.016	J	J	<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
	20 ft	VMP-14-20-073019	7/30/2019	0.016	J		0.0016	J		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-14-20-102819	10/28/2019	<0.032	U		0.0015	J		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-14-20-042320	4/23/2020	0.015	J	J	0.0037	J		<0.0088	U		<0.014	U		<0.051	U		0.0049	J		<0.016	U		<0.016	U	
VMP-15	5 ft	VMP-15-5-073019	7/30/2019	0.04			0.0022	J		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-15-5-073019-DUP	7/30/2019	0.082			<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-15-5-102219	10/22/2019	0.011	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-15-5-012820	1/28/2020	<0.034	U		<0.0046	U		<0.0095	U		<0.015	U		<0.055	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-15-5-042820	4/28/2020	0.0088	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.016	U	
	21.5 ft	VMP-15-21.5-073019	7/30/2019	<0.21	U		<0.029	U		<0 06	U		<0.093	U		<0.35	U		0.91			<0.11	U		<0.11	U	
		VMP-15-21.5-102219	10/22/2019	0.57			<0.039	U		<0.082	U		<0.13	U		<0.48	U		0.17			<0.14	U		<0.15	U	
		VMP-15-21.5-012820	1/28/2020	<0.034	U		0.00095	J		<0.0095	U		<0.015	U		<0.055	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-15-21.5-042820	4/28/2020	0.019	J		0.0029	J		<0.0094	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.018	U	
	25.5 ft	VMP-15-25.5-012820	1/28/2020	<0.081	U		0.0075	J		<0.023	U		<0.035	U		<0.13	U		0.11			<0.04	U		<0.042	U	
		VMP-15-25.5-042820	4/28/2020	<0.43	U		0.01	J		<0.12	U		<0.19	U		<0.7	U		0.12	J		<0.21	U		<0.22	U	
VMP-16	5 ft	VMP-16-5-072419	7/24/2019	0.012	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-16-5-102219	10/22/2019	<0.033	U		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-16-5-012920	1/29/2020	<0.03	U		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		0.0033	J		<0.015	U		<0.016	U	
		VMP-16-5-012920-DUP	1/29/2020	0.0073	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		0.0031	J		<0.014	U		<0.015	U	
		VMP-16-5-042920	4/29/2020	0.0087	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		0.0017	J		<0.014	U	
	13.5 ft	VMP-16-13.5-072419	7/24/2019	<3.3	U		1.4			<2.4	U		<3.6	U		<5.5	U		10			<4.2	U		<4.4	U	
		VMP-16-13.5-102219	10/22/2019	<1.6	U		<0.54	U		<1.1	U		<1.7	U		<2.6	U		1.6			<2	U		<2.1	U	
		VMP-16-13.5-012920	1/29/2020	<1.5	U		<0.51	U		<1.1	U		<1.6	U		<2.5	U		27		J	<1.9	U		<2	U	
		VMP-16-13.5-042920	4/29/2020	<0.82	U		0.54		J	<0 58	U		<0.89	U		<1.3	U		3.6		J	<1	U		<1.1	U	
	19 ft	VMP-16-19-072419	7/24/2019	<3	U		1.2			<2.1	U		<3.3	U		<4.9	U		12			<3.7	U		<3.9	U	
		VMP-16-19-102219	10/22/2019	<6.6	U		<2.2	U		<4.6	U		<7.1	U		<11	U		34			<8.1	U		<8.6	U	
		VMP-16-19-012920	1/29/2020	<2.9	U		<0.99	U		<2.1	U		<3.2	U		<4.8	U		40			<3.6	U		<3.9	U	
		VMP-16-19-042920	4/29/2020	<1.8	U		1.4		J	<1 3	U		<2	U		<3	U		26		J	<2.3	U		<2.4	U	
	31 ft	VMP-16-31-072419	7/24/2019	<3.1	U		1.4			<2 2	U		<3.3	U		<5	U		34			<3.8	U		<4	U	
		VMP-16-31-072419-DUP	7/24/2019	<2.9	U		1.3			<2.1	U		<3.2	U		<4.8	U		31			<3.6	U		<3.8	U	
		VMP-16-31-102219	10/22/2019	<6.2	U		<2.1	U		<4.4	U		<6.7	U		<10	U		71			<7.7	U		<8.1	U	
		VMP-16-31-012920	1/29/2020	<3	U		<0.99	U		<2.1	U		<3.2	U		<4.8	U		87		J	<3.7	U		<3.9	U	
		VMP-16-31-042920	4/29/2020	<2.9	U		1.8		J	<2.1	U		<3.2	U		<4.8	U		68		J	<3.6	U		<3.8	U	
VMP-17	5 ft	VMP-17-5-073119	7/31/2019	0.018	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-17-5-102119	10/21/2019	0.055			<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		0.012	J		<0.016	U	
		VMP-17-5-012220	1/22/2020	0.0087	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-17-5-042820	4/28/2020	0.023	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.013	U		<0.017	U		<0.018	U	
VMP-25	5 ft	VMP-25-5-072519	7/25/2019	0.0091	J		0.011			<0.0086	U		<0.013	U		<0.05	U	UJ	0.094			<0.015	U		<0.016	U	
		VMP-25-5-072519-DUP	7/25/2019	0.017	J		0.015			<0.0082	U		<0.013	U		<0.048	U	UJ	0.1			<0.014	U		<0.015	U	
		VMP-25-5-102819	10/28/2019	<0.03	U		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-25-5-102819-DUP	10/28/2019	0.012	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-25-5-012820	1/28/2020	0.0051	J		0.0015	J		<0.0082	U		<0.013	U		<0.047	U		0.02			<0.014	U		<0.015	U	
		VMP-25-5-012820-DUP	1/28/2020	0.005	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		0.018			<0.015	U		<0.016	U	
		VMP-25-5-042320	4/23/2020	0.017	J	J	0.0085			<0.0097	U		<0.015	U		<0.056	U		0.25			<0.017	U		<0.018	U	
		VMP-25-5-042320-DUP	4/23/2020	0.067			0.0083			<0.0087	U		<0.013	U		<0.05	U		0.21			<0.015	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	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			2.8			450000			52			42						40000			5300		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-29	10 ft	VMP-29-10-073119	7/31/2019	0.024	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		<0.014	U		0.036		
		VMP-29-10-102519	10/25/2019	0.0081	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-29-10-012420	1/24/2020	<0.032	U		0.0051			<0.0089	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.016	U	
		VMP-29-10-042320	4/23/2020	0.013	J	J	<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		0.0026	J	
	18 ft	VMP-29-18-073119	7/31/2019	0.32			0.0037	J		<0.014	U		<0.022	U		<0.082	U		<0.02	U		1.3			0.032		
		VMP-29-18-102519	10/25/2019	0.3			0.0012	J		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		0.51			0.02		
		VMP-29-18-012420	1/24/2020	0.061			<0.0048	U		<0 01	U		<0.016	U		<0.059	U		<0.014	U		0.1			0.0038	J	
		VMP-29-18-042320	4/23/2020	0.038		J	<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		0.093			0.0033	J	
	26 ft	VMP-29-26-073119	7/31/2019	0.82			0.0069	J		<0.033	U		<0.051	U		<0.19	U		<0.047	U		0.88			0.2		
		VMP-29-26-102519	10/25/2019	0.017	J		<0.0043	U		<0.0089	U		<0.014	U		<0.052	U		<0.013	U		0.012	J		0.078		
		VMP-29-26-012420	1/24/2020	0.013	J		<0.0046	U		<0.0095	U		<0.015	U		<0.055	U		<0.014	U		0.015	J		0.01	J	
		VMP-29-26-042320	4/23/2020	0.007	J	J	<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0043	J		0.0043	J	
		VMP-29-26-042320-DUP	4/23/2020	0.012	J	J	<0.0039	U		<0.0081	U		0.0022	J		<0.047	U		<0.012	U		0.004	J		0.0058	J	
VMP-30	10 ft	VMP-30-10-073119	7/31/2019	0.06			<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.17			0.0095	J	
		VMP-30-10-102519	10/25/2019	0.017	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.037			0.0037	J	
		VMP-30-10-012420	1/24/2020	0.019	J		0.015			<0.0085	U		<0.013	U		<0.049	U		<0.012	U		0.035			0.0039	J	
		VMP-30-10-042320	4/23/2020	0.02	J	J	<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		0.028			0.0044	J	
	18 ft	VMP-30-18-073119	7/31/2019	0.095			0.0073			<0.0084	U		<0.013	U		<0.048	U		<0.012	U		0.28			0.015	J	
		VMP-30-18-102519	10/25/2019	0.018	J		0.0032	J		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		0.02			<0.016	U	
		VMP-30-18-012420	1/24/2020	0.011	J		0.0027	J		<0.0099	U		<0.015	U		<0.057	U		<0.014	U		<0.017	U		0.0035	J	
		VMP-30-18-042320	4/23/2020	0.0098	J		0.0016	J		<0.0081	U		<0.012	U		0.0045	J		<0.012	U		0.0067	J		0.0042	J	
	26 ft	VMP-30-26-073119	7/31/2019	0.097			0.017			<0.0082	U		<0.013	U		<0.048	U		<0.012	U		0.31			0.025		
		VMP-30-26-102519	10/25/2019	0.02	J		0.0065			<0.0085	U		<0.013	U		<0.049	U		<0.012	U		0.028			0.0093	J	
		VMP-30-26-102519-DUP	10/25/2019	0.021	J		0.007			<0.0088	U		<0.014	U		<0.051	U		0.01	J		0.026			0.0089	J	
		VMP-30-26-012420	1/24/2020	0.02	J		0.0073			<0.0093	U		<0.014	U		<0.054	U		<0.013	U		0.016	J		0.03		
		VMP-30-26-042320	4/23/2020	0.011	J		0.0024	J		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		0.0072	J		0.0071	J	
VMP-41	10 ft	VMP-41-10-072619	7/26/2019	0.0061	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-41-10-102819	10/28/2019	<0.03	U		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-41-10-012420	1/24/2020	<0.031	U		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-41-10-042320	4/23/2020	0.0085	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
	20 ft	VMP-41-20-072619	7/26/2019	0.0081	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-41-20-072619-DUP	7/26/2019	0.019	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-41-20-102819	10/28/2019	<0.03	U		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-41-20-012420	1/24/2020	0.0055	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-41-20-042320	4/23/2020	0.014	J		0.0013	J		<0.0091	U		<0.014	U		<0.053	U		0.0056	J		<0.016	U		<0.017	U	
	26 ft	VMP-41-26-012420	1/24/2020	<0.035	U		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-41-26-012420-DUP	1/24/2020	0.0078	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-41-26-042320	4/23/2020	0.013	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.013	U		<0.017	U		<0.018	U	
VMP-55	20 ft	VMP-55-20-073019	7/30/2019	<0.2	U		<0.026	U		<0.055	U		<0.085	U		<0.32	U		<0.078	U		<0.097	U		<0.1	U	
		VMP-55-20-012820	1/28/2020	<0.7	U		<0.095	U		<0 2	U		<0.31	U		<1.2	U		0.53			<0.35	U		<0.37	U	
		VMP-55-20-042820	4/28/2020	0.055	J		0.0046	J		<0.046	U		<0.072	U		<0.27	U		<0.066	U		<0.082	U		<0.086	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 tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dichlorobenzene		
				1.5			420			57000			0.92												1700		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-10-5-072619	7/26/2019	<0.0082	U		<0.006	U		<0.011	U		<0.0064	U		<0.027	U		<0.0068	ND,UJ	UJ	<0 0045	U		<0.0079	U	
		VMP-10-5-102519	10/25/2019	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		<0 0044	U		<0.0078	U	
		VMP-10-5-012420	1/24/2020	<0.009	U		<0.0066	U		<0.012	U		<0.007	U		<0.03	U		<0.0074	U		<0 0049	U		<0.0086	U	
		VMP-10-5-042320	4/23/2020	<0.0078	U		<0.0057	U		<0.011	U		<0.0061	U		<0.026	U		<0.0064	U		<0 0043	U		<0.0075	U	
	10 ft	VMP-10-10-072619	7/26/2019	<0.0078	U		<0.0057	U		<0 01	U		<0.006	U		<0.026	U		<0.0064	ND,UJ	UJ	<0 0043	U		<0.0074	U	
		VMP-10-10-102519	10/25/2019	<0.0086	U		<0.0063	U		<0.012	U		<0.0067	U		<0.028	U		<0.0071	U		<0 0047	U		<0.0082	U	
		VMP-10-10-012420	1/24/2020	<0.0075	U		<0.0055	U		<0 01	U		<0.0058	U		<0.025	U		<0.0062	U		<0 0041	U		<0.0072	U	
		VMP-10-10-042320	4/23/2020	<0.0086	U		<0.0063	U		<0.012	U		<0.0066	U		<0.028	U		<0.007	U		<0 0047	U		<0.0082	U	
	20 ft	VMP-10-20-072619	7/26/2019	<0.009	U		<0.0066	U		<0.012	U		0.0026	J		<0.03	U		<0.0074	ND,UJ	UJ	<0 0049	U		<0.0086	U	
		VMP-10-20-102519	10/25/2019	<0.0086	U		<0.0063	U		<0.012	U		0.00093	J		<0.028	U		<0.007	U		<0 0047	U		<0.0082	U	
		VMP-10-20-012420	1/24/2020	<0.0081	U		<0.006	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		<0 0044	U		<0.0078	U	
		VMP-10-20-042320	4/23/2020	<0.0077	U		<0.0056	U		<0 01	U		<0.006	U		<0.025	U		<0.0063	U		<0 0042	U		<0.0074	U	
VMP-11	5 ft	VMP-11-5-073119	7/31/2019	<0.008	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0 0044	U		<0.0076	U	
		VMP-11-5-102519	10/25/2019	<0.0074	U		<0.0054	U		<0 01	U		<0.0058	U		<0.024	U		<0.0061	U		<0 0041	U		<0.0071	U	
		VMP-11-5-012920	1/29/2020	<0.0088	U		<0.0065	U		<0.012	U		<0.0069	U		<0.029	U	UJ	<0.0073	U		<0 0048	U		<0.0084	U	
		VMP-11-5-042720	4/27/2020	<0.0081	U		<0.0059	U		<0.011	U		0.00075	J		<0.027	U		<0.0067	U		<0 0044	U		<0.0078	U	
	8 ft	VMP-11-8-073119	7/31/2019	<0.0074	U		<0.0054	U		<0 01	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.007	U	
		VMP-11-8-102519	10/25/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0 0043	U		<0.0076	U	
		VMP-11-8-012920	1/29/2020	<0.0084	U		<0.0062	U		<0.011	U		<0.0065	U		<0.028	U	UJ	<0.0069	U		<0 0046	U		<0.008	U	
		VMP-11-8-042720	4/27/2020	<0.0076	U		<0.0056	U		<0 01	U		<0.0059	U		<0.025	U		<0.0063	U		<0 0042	U		<0.0073	U	
	29 ft	VMP-11-29-073119	7/31/2019	<0.0073	U		<0.0053	U		<0.0099	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.007	U	
		VMP-11-29-102519	10/25/2019	<0.0085	U		<0.0062	U		<0.012	U		0.001	J		<0.028	U		<0.007	U		<0 0046	U		<0.0081	U	
		VMP-11-29-012920	1/29/2020	<0.0088	U		<0.0064	U		<0.012	U		0.0039	J		<0.029	U	UJ	<0.0072	U		<0 0048	U		<0.0084	U	
		VMP-11-29-042720	4/27/2020	<0.0083	U		0.00062	J		<0.011	U		0.00092	J		<0.027	U		<0.0068	U		<0 0045	U		<0.0079	U	
		VMP-11-29-042720-DUP	4/27/2020	<0.0076	U		<0.0056	U		<0 01	U		0.0012	J		<0.025	U		<0.0063	U		<0 0042	U		<0.0073	U	
	38 ft	VMP-11-38-073119	7/31/2019	<0.0076	U		<0.0055	U		<0 01	U		<0.0058	U		<0.025	U		<0.0062	U		<0 0041	U		<0.0072	U	
		VMP-11-38-102519	10/25/2019	<0.0076	U		<0.0055	U		<0 01	U		<0.0059	U		<0.025	U		<0.0062	U		<0 0041	U		<0.0072	U	
		VMP-11-38-012920	1/29/2020	<0.0086	U		<0.0063	U		<0.012	U		<0.0067	U		<0.028	U	UJ	<0.0071	U		<0 0047	U		<0.0082	U	
		VMP-11-38-042720	4/27/2020	<0.0075	U		<0.0055	U		<0 01	U		<0.0058	U		<0.024	U		<0.0062	U		<0 0041	U		<0.0072	U	
VMP-12	5 ft	VMP-12-5-072419	7/24/2019	<0.0083	U		<0.0061	U		<0.011	U		0.0032	J		<0.027	U		<0.0068	ND,UJ	UJ	0.0022	J		<0.008	U	
		VMP-12-5-102219	10/22/2019	<0.0091	U		<0.0066	U		<0.012	U		<0.007	U		<0.03	U		<0.0075	U		<0.005	U		<0.0087	U	
		VMP-12-5-102219-DUP	10/22/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0 0043	U		<0.0076	U	
		VMP-12-5-012920	1/29/2020	<0.0086	U		<0.0063	U		<0.012	U		<0.0067	U		<0.028	U	UJ	<0.0071	U		<0 0047	U		<0.0082	U	
		VMP-12-5-042920	4/29/2020	<0.0075	U		<0.0055	U		<0 01	U		<0.0058	U		<0.024	U		<0.0062	U		<0 0041	U		<0.0072	U	
	11.5 ft	VMP-12-11.5-072419	7/24/2019	<0.008	U		<0.0058	U		<0.011	U		<0.0062	U		0.0024	J		<0.0065	ND,UJ	UJ	<0 0044	U		<0.0076	U	
		VMP-12-11.5-102219	10/22/2019	<0.0078	U		<0.0057	U		<0 01	U		<0.006	U		<0.026	U		<0.0064	U		<0 0042	U		<0.0074	U	
		VMP-12-11.5-012920	1/29/2020	<0.0077	U		<0.0056	U		<0 01	U		<0.006	U		<0.025	U	UJ	<0.0063	U		<0 0042	U		<0.0074	U	
		VMP-12-11.5-042920	4/29/2020	<0.0073	U		<0.0053	U		<0.0099	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.007	U	
	25 ft	VMP-12-25-072419	7/24/2019	<0.0084	U		<0.0061	U		<0.011	U		<0.0065	U		0.0019	J		<0.0069	ND,UJ	UJ	0 00099	J		<0.008	U	
		VMP-12-25-102219	10/22/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0 0043	U		<0.0076	U	
		VMP-12-25-012920	1/29/2020	<0.0081	U		<0.006	U		<0.011	U		<0.0063	U		<0.027	U	UJ	<0.0067	U		<0 0044	U		<0.0078	U	
		VMP-12-25-012920-DUP	1/29/2020	<0.0076	U		<0.0055	U		<0 01	U		<0.0058	U		<0.025	U	UJ	<0.0062	U		<0 0041	U		<0.0072	U	
		VMP-12-25-042920	4/29/2020	<0.007	U		<0.0051	U		<0.0095	U		<0.0054	U		<0.023	U		<0.0058	U		<0 0038	U		<0.0067	U	
VMP-13	5 ft	VMP-13-5-073119	7/31/2019	<0.0076	U		<0.0055	U		<0 01	U		<0.0058	U		<0.025	U		<0.0062	U		<0 0041	U		<0.0072	U	
		VMP-13-5-102819	10/28/2019	<0.0082	U		<0.006	U		<0.011	U		0.0018	J		<0.027	U		<0.0067	U		<0 0045	U		<0.0078	U	
		VMP-13-5-012420	1/24/2020	<0.009	U		<0.0066	U		<0.012	U		<0.007	U		<0.03	U		<0.0074	U		<0 0049	U		<0.0086	U	
		VMP-13-5-012420-DUP	1/24/2020	<0.009	U		<0.0066	U		<0.012	U		<0.007	U		<0.03	U		<0.0074	U		<0 0049	U		<0.0086	U	
		VMP-13-5-042320	4/23/2020	<0.0076	U		<0.0056	U		<0 01	U		<0.0059	U		<0.025	U		<0.0063	U		<0 0042	U		<0.0073	U	
	10.5 ft	VMP-13-10.5-073119	7/31/2019	<0.0077	U		<0.0057	U		<0 01	U		<0.006	U		<0.025	U		<0.0064	U		<0 0042	U		<0.0074	U	
		VMP-13-10.5-102819	10/28/2019	<0.008	U		<0.0059	U		<0.011	U		0.0022	J		<0.026	U		<0.0066	U		<0 0044	U		<0.0077	U	
		VMP-13-10.5-012420	1/24/2020	<0.0092	U		<0.0068	U		<0.012	U		<0.0072	U		<0.03	U		<0.0076	U		<0.005	U		<0.0088	U	
		VMP-13-10.5-042320	4/23/2020	<0.0075	U		<0.0055	U		<0 01	U		<0.0058	U		<0.024	U		<0.0062	U		<0 0041	U		<0.0072	U	
	21.5 ft	VMP-13-21.5-073119	7/31/2019	<0.0077	U		<0.0056	U		<0 01	U		<0.006	U		<0.025	U		<0.0063	U		<0 0042	U		<0.0073	U	
		VMP-13-21.5-102819	10/28/2019	<0.0084	U		<0.0061	U		<0.011	U		<0.0065	U		<0.027	U		<0.0069	U		<0 0046	U		<0.008	U	
		VMP-13-21.5-012420	1/24/2020	<0.0086	U		<0.0063	U		<0.012	U		<0.0067	U		<0.028	U		<0.0071	U		<0 0047	U		<0.0082	U	
		VMP-13-21.5-042320	4/23/2020	<0.0073	U		<0.0054	U		<0.0099	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.007	U	
	29.5 ft	VMP-13-29.5-102819	10/28/2019	<0.0076	U		<0.0055	U		<0 01	U		0.0021	J		<0.025	U		<0.0062	U		<0 0041	U		<0.0072	U	
		VMP-13-29.5-042320	4/23/2020	<0.0083	U		<0.006	U		<0.011	U		<0.0064	U		<0.027	U		<0.0068	U		<0 0045	U		<0.0079	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 tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dichlorobenzene		
				1.5			420			57000			0.92												1700		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-14	5 ft	VMP-14-5-073019	7/30/2019	<0.008	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0066	U		<0 0044	U		<0.0076	U	
		VMP-14-5-073019-DUP	7/30/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0061	U		<0.026	U		<0.0065	U		<0 0043	U		<0.0075	U	
		VMP-14-5-102819	10/28/2019	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		<0 0044	U		<0.0078	U	
		VMP-14-5-012820	1/28/2020	<0.0091	U		<0.0066	U		<0.012	U		<0.007	U		<0.03	U		<0.0075	U		<0.005	U		<0.0087	U	
		VMP-14-5-042320	4/23/2020	<0.0072	U		<0.0053	U		<0.0098	U		<0.0056	U		<0.024	U		<0.006	U		<0.004	U		<0.0069	U	
	11.5 ft	VMP-14-11.5-073019	7/30/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0061	U		<0.026	U		<0.0065	U		<0 0043	U		<0.0075	U	
		VMP-14-11.5-102819	10/28/2019	<0.0088	U		<0.0065	U		<0.012	U		<0.0069	U		<0.029	U		<0.0073	U		<0 0048	U		<0.0084	U	
		VMP-14-11.5-012820	1/28/2020	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.026	U		<0.0066	U		<0 0044	U		<0.0077	U	
		VMP-14-11.5-042320	4/23/2020	<0.0075	U		<0.0055	U		<0 01	U		<0.0058	U		<0.024	U		<0.0062	U		<0 0041	U		<0.0072	U	
	20 ft	VMP-14-20-073019	7/30/2019	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		<0.026	U		<0.0066	U		<0 0044	U		<0.0077	U	
		VMP-14-20-102819	10/28/2019	<0.0086	U		<0.0063	U		<0.012	U		<0.0067	U		<0.028	U		<0.0071	U		<0 0047	U		<0.0082	U	
		VMP-14-20-042320	4/23/2020	<0.0083	U		<0.0061	U		<0.011	U		<0.0064	U		<0.027	U		<0.0068	U		0.0017	J		<0.0079	U	
VMP-15	5 ft	VMP-15-5-073019	7/30/2019	0.0019	J		<0.0057	U		0.0014	J		0.0022	J		<0.026	U		<0.0064	U		<0 0042	U		<0.0074	U	
		VMP-15-5-073019-DUP	7/30/2019	<0.0076	U		<0.0056	U		<0 01	U		0.0017	J		0.007	J		<0.0063	U		<0 0042	U		<0.0073	U	
		VMP-15-5-102219	10/22/2019	<0.0076	U		<0.0056	U		<0 01	U		0.0013	J		<0.025	U		<0.0063	U		<0 0042	U		<0.0073	U	
		VMP-15-5-012820	1/28/2020	<0.009	U		<0.0066	U		<0.012	U		<0.007	U		<0.029	U		<0.0074	U		<0 0049	U		<0.0086	U	
		VMP-15-5-042820	4/28/2020	<0.0084	U		<0.0061	U		<0.011	U		<0.0065	U		<0.027	U		<0.0069	U		<0 0046	U		<0.008	U	
	21.5 ft	VMP-15-21.5-073019	7/30/2019	<0.057	U		<0.041	U		<0.077	U		<0.044	U		<0.18	U		<0.046	U		0.042			<0.054	U	
		VMP-15-21.5-102219	10/22/2019	<0.077	U		<0.056	U		<0.1	U		0.054	J		<0.25	U		<0.063	U		<0.042	U		<0.074	U	
		VMP-15-21.5-012820	1/28/2020	<0.0089	U		<0.0065	U		<0.012	U		<0.0069	U		<0.029	U		<0.0074	U		<0 0049	U		<0.0085	U	
		VMP-15-21.5-042820	4/28/2020	<0.0088	U		<0.0065	U		<0.012	U		<0.0069	U		<0.029	U		<0.0073	U		<0 0048	U		<0.0084	U	
	25.5 ft	VMP-15-25.5-012820	1/28/2020	<0.021	U		<0.016	U		<0.029	U		<0.017	U		<0.07	U		<0.018	U		<0.012	U		<0.02	U	
		VMP-15-25.5-042820	4/28/2020	<0.11	U		<0.083	U		<0.15	U		<0.088	U		<0.37	U		<0.093	U		<0.062	U		<0.11	U	
VMP-16	5 ft	VMP-16-5-072419	7/24/2019	0.0077	J		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0 0043	U		<0.0076	U	
		VMP-16-5-102219	10/22/2019	<0.0087	U		<0.0064	U		<0.012	U		<0.0067	U		<0.028	U		<0.0071	U		<0 0048	U		<0.0083	U	
		VMP-16-5-012920	1/29/2020	<0.0079	U		<0.0058	U		<0.011	U		<0.0061	U		<0.026	U		<0.0065	U		<0 0043	U		<0.0075	U	
		VMP-16-5-012920-DUP	1/29/2020	<0.0076	U		<0.0056	U		<0 01	U		<0.0059	U		<0.025	U		<0.0063	U		<0 0042	U		<0.0073	U	
		VMP-16-5-042920	4/29/2020	<0.0069	U		<0.0051	U		<0.0094	U		<0.0054	U		<0.023	U		<0.0057	U		<0 0038	U		<0.0066	U	
	13.5 ft	VMP-16-13.5-072419	7/24/2019	<2.2	U		<1.6	U		<3	U		<1.7	U		<2.9	U		<1.8	U		24			<2.1	U	
		VMP-16-13.5-102219	10/22/2019	<1.1	U		<0.78	U		<1.4	U		<0.82	U		<1.4	U		<0.87	U		3			<1	U	
		VMP-16-13.5-012920	1/29/2020	<1	U		<0.74	U		<1.4	U		<0.78	U		<1.3	U		<0.83	U		13		J	<0.96	U	
		VMP-16-13.5-042920	4/29/2020	<0.54	U		<0.4	U		<0.74	U		<0.42	U		<0.71	U		<0.45	U		<0.3	U		<0.52	U	
	19 ft	VMP-16-19-072419	7/24/2019	<2	U		<1.4	U		<2.7	U		<1.5	U		<2.6	U		<1.6	U		27			<1.9	U	
		VMP-16-19-102219	10/22/2019	<4.3	U		<3.2	U		<5 9	U		<3.4	U		<5.7	U		<3.6	U		29			<4.1	U	
		VMP-16-19-012920	1/29/2020	<2	U		<1.4	U		<2.6	U		<1.5	U		<2.6	U		<1.6	U		22			<1.9	U	
		VMP-16-19-042920	4/29/2020	<1.2	U		<0.89	U		<1.6	U		<0.95	U		<1.6	U		<1	U		<0.67	U		<1.2	U	
	31 ft	VMP-16-31-072419	7/24/2019	<2	U		<1.5	U		<2.7	U		<1.6	U		<2.7	U		<1.7	U		35			<1.9	U	
		VMP-16-31-072419-DUP	7/24/2019	<1.9	U		<1.4	U		<2.6	U		<1.5	U		<2.6	U		<1.6	U		34			<1.8	U	
		VMP-16-31-102219	10/22/2019	<4.1	U		<3	U		<5 5	U		<3.2	U		<5.4	U		<3.4	U		39			<3.9	U	
		VMP-16-31-012920	1/29/2020	<2	U		<1.4	U		<2.6	U		<1.5	U		<2.6	U		<1.6	U		33		J	<1.9	U	
		VMP-16-31-042920	4/29/2020	<1.9	U		<1.4	U		<2.6	U		<1.5	U		<2.6	U		<1.6	U		<1.1	U		<1.8	U	
VMP-17	5 ft	VMP-17-5-073119	7/31/2019	<0.0076	U		<0.0056	U		<0 01	U		<0.0059	U		<0.025	U		<0.0063	U		<0 0042	U		<0.0073	U	
		VMP-17-5-102119	10/21/2019	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		0.0031	J		<0.0067	U		<0 0044	U		<0.0078	U	
		VMP-17-5-012220	1/22/2020	<0.0087	U		<0.0064	U		<0.012	U		<0.0068	U		<0.029	U		<0.0072	U		<0 0048	U		<0.0083	U	
		VMP-17-5-042820	4/28/2020	<0.0089	U		<0.0065	U		<0.012	U		<0.0069	U		<0.029	U		<0.0073	U		<0 0048	U		<0.0085	U	
VMP-25	5 ft	VMP-25-5-072519	7/25/2019	<0.0081	U		<0.0059	U		<0.011	U		<0.0063	U		0.002	J		<0.0066	ND,UJ	UJ	0.0036	J		<0.0077	U	
		VMP-25-5-072519-DUP	7/25/2019	<0.0077	U		<0.0057	U		<0 01	U		<0.006	U		<0.025	U		<0.0064	ND,UJ	UJ	0.0077			<0.0074	U	
		VMP-25-5-102819	10/28/2019	<0.008	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0066	U		<0 0044	U		<0.0076	U	
		VMP-25-5-102819-DUP	10/28/2019	<0.0078	U		<0.0057	U		<0.011	U		<0.0061	U		<0.026	U		<0.0064	U		<0 0043	U		<0.0075	U	
		VMP-25-5-012820	1/28/2020	<0.0077	U		<0.0056	U		<0 01	U		<0.006	U		<0.025	U		<0.0063	U		0.0027	J		<0.0073	U	
		VMP-25-5-012820-DUP	1/28/2020	<0.008	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0066	U		<0 0044	U		<0.0076	U	
		VMP-25-5-042320	4/23/2020	<0.0091	U		<0.0067	U		<0.012	U		<0.0071	U		<0.03	U		<0.0075	U		0.02			<0.0087	U	
		VMP-25-5-042320-DUP	4/23/2020	<0.0082	U		<0.006	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		0.015			<0.0078	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 tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dichlorobenzene		
				1.5			420			57000			0.92												1700		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-29	10 ft	VMP-29-10-073119	7/31/2019	<0.0077	U		<0.0056	U		<0 01	U		0.0017	J		<0.025	U		<0.0063	U		<0 0042	U		<0.0073	U	
		VMP-29-10-102519	10/25/2019	<0.0083	U		<0.0061	U		<0.011	U		<0.0064	U		<0.027	U		<0.0068	U		<0 0045	U		<0.0079	U	
		VMP-29-10-012420	1/24/2020	<0.0084	U		<0.0061	U		<0.011	U		<0.0065	U		<0.027	U		<0.0069	U		<0 0046	U		<0.008	U	
		VMP-29-10-042320	4/23/2020	<0.0074	U		<0.0054	U		<0 01	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		0.0019	J	
	18 ft	VMP-29-18-073119	7/31/2019	<0.013	U		<0.0097	U		<0.018	U		<0.01	U		<0.044	U		<0.011	U		<0 0073	U		<0.013	U	
		VMP-29-18-102519	10/25/2019	<0.0082	U		<0.006	U		<0.011	U		<0.0064	U		<0.027	U		<0.0068	U		<0 0045	U		<0.0079	U	
		VMP-29-18-012420	1/24/2020	<0.0095	U		<0.007	U		<0.013	U		<0.0074	U		<0.031	U		<0.0078	U		<0 0052	U		<0.0091	U	
		VMP-29-18-042320	4/23/2020	<0.007	U		<0.0051	U		<0.0095	U		<0.0054	U		<0.023	U		<0.0058	U		<0 0038	U		<0.0067	U	
	26 ft	VMP-29-26-073119	7/31/2019	<0.031	U		<0.023	U		<0.042	U		<0.024	U		<0.1	U		<0.026	U		<0.017	U		<0.03	U	
		VMP-29-26-102519	10/25/2019	<0.0084	U		<0.0061	U		<0.011	U		0.00098	J		<0.028	U		<0.0069	U		<0 0046	U		<0.008	U	
		VMP-29-26-012420	1/24/2020	<0.009	U		<0.0066	U		<0.012	U		0.014			<0.029	U		<0.0074	U		<0 0049	U		<0.0086	U	
		VMP-29-26-042320	4/23/2020	<0.0076	U		<0.0056	U		<0 01	U		0.002	J		<0.025	U		<0.0063	U		<0 0042	U		<0.0073	U	
		VMP-29-26-042320-DUP	4/23/2020	<0.0076	U		<0.0056	U		<0 01	U		0.0026	J		<0.025	U		0.00082	J		<0 0042	U		0.0018	J	
VMP-30	10 ft	VMP-30-10-073119	7/31/2019	<0.0076	U		<0.0056	U		<0 01	U		<0.0059	U		<0.025	U		<0.0063	U		<0 0042	U		<0.0073	U	
		VMP-30-10-102519	10/25/2019	<0.0078	U		<0.0057	U		<0 01	U		0.0036	J		<0.026	U		<0.0064	U		<0 0043	U		<0.0074	U	
		VMP-30-10-012420	1/24/2020	<0.008	U		<0.0058	U		<0.011	U		0.0016	J		<0.026	U		<0.0066	U		<0 0044	U		<0.0076	U	
		VMP-30-10-042320	4/23/2020	<0.0075	U		<0.0055	U		<0 01	U		0.0016	J		<0.024	U		<0.0062	U		<0 0041	U		<0.0072	U	
	18 ft	VMP-30-18-073119	7/31/2019	<0.0079	U		<0.0058	U		<0.011	U		<0.0061	U		0.0022	J		<0.0065	U		<0 0043	U		0.0014	J	
		VMP-30-18-102519	10/25/2019	<0.008	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0066	U		<0 0044	U		<0.0076	U	
		VMP-30-18-012420	1/24/2020	<0.0093	U		<0.0068	U		<0.013	U		<0.0072	U		<0.03	U		<0.0077	U		<0 0051	U		<0.0089	U	
		VMP-30-18-042320	4/23/2020	<0.0076	U		<0.0056	U		<0 01	U		0.0016	J		<0.025	U		<0.0063	U		<0 0042	U		<0.0073	U	
	26 ft	VMP-30-26-073119	7/31/2019	<0.0077	U		<0.0057	U		<0 01	U		<0.006	U		<0.025	U		<0.0064	U		<0 0042	U		<0.0074	U	
		VMP-30-26-102519	10/25/2019	<0.008	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0065	U		<0 0044	U		<0.0076	U	
		VMP-30-26-102519-DUP	10/25/2019	<0.0082	U		<0.006	U		<0.011	U		<0.0064	U		<0.027	U		<0.0068	U		<0 0045	U		<0.0079	U	
		VMP-30-26-012420	1/24/2020	<0.0087	U		<0.0064	U		<0.012	U		<0.0068	U		<0.029	U		<0.0072	U		<0 0048	U		<0.0084	U	
		VMP-30-26-042320	4/23/2020	<0.007	U		<0.0052	U		<0.0095	U		0.0016	J		<0.023	U		<0.0058	U		<0 0038	U		<0.0067	U	
VMP-41	10 ft	VMP-41-10-072619	7/26/2019	<0.0083	U		<0.006	U		<0.011	U		<0.0064	U		<0.027	U		<0.0068	ND,UJ	UJ	<0 0045	U		<0.0079	U	
		VMP-41-10-102819	10/28/2019	<0.0078	U		<0.0057	U		<0.011	U		<0.0061	U		<0.026	U		<0.0064	U		<0 0043	U		<0.0075	U	
		VMP-41-10-012420	1/24/2020	<0.0081	U		<0.006	U		<0.011	U		<0.0063	U		<0.027	U		<0.0067	U		<0 0044	U		<0.0078	U	
		VMP-41-10-042320	4/23/2020	<0.0075	U		<0.0055	U		<0 01	U		<0.0058	U		<0.024	U		<0.0062	U		<0 0041	U		<0.0072	U	
	20 ft	VMP-41-20-072619	7/26/2019	<0.0083	U		<0.0061	U		<0.011	U		<0.0065	U		<0.027	U		<0.0068	ND,UJ	UJ	<0 0046	U		<0.008	U	
		VMP-41-20-072619-DUP	7/26/2019	<0.0091	U		<0.0066	U		<0.012	U		<0.007	U		<0.03	U		<0.0074	ND,UJ	UJ	<0.005	U		<0.0086	U	
		VMP-41-20-102819	10/28/2019	<0.008	U		<0.0058	U		<0.011	U		<0.0062	U		<0.026	U		<0.0066	U		<0 0044	U		<0.0076	U	
		VMP-41-20-012420	1/24/2020	<0.0085	U		<0.0062	U		<0.012	U		<0.0066	U		<0.028	U		<0.007	U		<0 0047	U		<0.0081	U	
		VMP-41-20-042320	4/23/2020	<0.0085	U		<0.0062	U		<0.012	U		<0.0066	U		<0.028	U		<0.007	U		<0 0047	U		<0.0081	U	
	26 ft	VMP-41-26-012420	1/24/2020	<0.0092	U		<0.0068	U		<0.012	U		<0.0072	U		<0.03	U		<0.0076	U		<0.005	U		<0.0088	U	
		VMP-41-26-012420-DUP	1/24/2020	<0.0089	U		<0.0065	U		<0.012	U		<0.0069	U		<0.029	U		<0.0074	U		<0 0049	U		<0.0085	U	
		VMP-41-26-042320	4/23/2020	<0.0089	U		<0.0065	U		<0.012	U		<0.0069	U		<0.029	U		<0.0073	U		<0 0049	U		<0.0085	U	
VMP-55	20 ft	VMP-55-20-073019	7/30/2019	<0.052	U		<0.038	U		<0 07	U		<0.04	U		<0.17	U		<0.043	U		<0.028	U		<0.05	U	
		VMP-55-20-012820	1/28/2020	<0.19	U		<0.14	U		<0 25	U		<0.14	U		<0.61	U		<0.15	U		<0.1	U		<0.18	U	
		VMP-55-20-042820	4/28/2020	<0.044	U		<0.032	U		<0.059	U		<0.034	U		<0.14	U		<0.036	U		<0.024	U		<0.042	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	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane		
							6800			1700			4200			0.81			1100000			45			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-10-5-072619	7/26/2019	<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.006	U	
		VMP-10-5-102519	10/25/2019	<0.0078	U		<0.0078	U		0.0024	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-10-5-012420	1/24/2020	<0.0086	U		<0.0086	U		0.0039	J		<0.0058	U		<0.0058	U		<0.0057	U		<0.05	U		<0.0066	U	
		VMP-10-5-042320	4/23/2020	<0.0075	U		<0.0075	U		0.0024	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0058	U	
	10 ft	VMP-10-10-072619	7/26/2019	<0.0074	U		<0.0074	U		0.002	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-10-10-102519	10/25/2019	<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U		<0.0054	U		<0.048	U		<0.0063	U	
		VMP-10-10-012420	1/24/2020	<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U		<0.0047	U		<0.042	U		<0.0055	U	
		VMP-10-10-042320	4/23/2020	<0.0082	U		<0.0082	U		0.0022	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.047	U		<0.0063	U	
	20 ft	VMP-10-20-072619	7/26/2019	<0.0086	U		<0.0086	U		0.0024	J		<0.0058	U		<0.0058	U		<0.0057	U		<0.05	U		<0.0066	U	
		VMP-10-20-102519	10/25/2019	<0.0082	U		<0.0082	U		0.0022	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.047	U		<0.0063	U	
		VMP-10-20-012420	1/24/2020	<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-10-20-042320	4/23/2020	<0.0074	U		<0.0074	U		0.0021	J		<0.005	U		<0.005	U		<0.0048	U		<0.042	U		<0.0057	U	
VMP-11	5 ft	VMP-11-5-073119	7/31/2019	<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-11-5-102519	10/25/2019	<0.0071	U		<0.0071	U		0.0021	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
		VMP-11-5-012920	1/29/2020	<0.0084	U		<0.0084	U		<0.0069	U		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0065	U	
		VMP-11-5-042720	4/27/2020	<0.0078	U		<0.0078	U		0.002	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
	8 ft	VMP-11-8-073119	7/31/2019	<0.007	U		<0.007	U		<0.0058	U		<0.0047	U		<0.0047	U		<0.0046	U		<0.041	U		<0.0054	U	
		VMP-11-8-102519	10/25/2019	<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-11-8-012920	1/29/2020	<0.008	U		<0.008	U		<0.0066	U		<0.0054	U		<0.0054	U		<0.0053	U		<0.046	U		<0.0062	U	
		VMP-11-8-042720	4/27/2020	<0.0073	J	U	<0.0073	J	U	0.0024	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
	29 ft	VMP-11-29-073119	7/31/2019	<0.007	U		<0.007	U		0.0023	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.04	U		<0.0054	U	
		VMP-11-29-102519	10/25/2019	<0.0081	U		<0.0081	U		0.0021	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.047	U		<0.0062	U	
		VMP-11-29-012920	1/29/2020	<0.0084	U		<0.0084	U		<0.0069	U		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0065	U	
		VMP-11-29-042720	4/27/2020	<0.0079	J	U	<0.0079	J	U	0.0023	J		<0.0053	U		<0.0053	U		0.00094	J		<0.046	U		<0.0061	U	
		VMP-11-29-042720-DUP	4/27/2020	<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
	38 ft	VMP-11-38-073119	7/31/2019	<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U	
		VMP-11-38-102519	10/25/2019	<0.0072	U		<0.0072	U		0.0022	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-11-38-012920	1/29/2020	<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U		<0.0054	U		<0.048	U		<0.0063	U	
		VMP-11-38-042720	4/27/2020	<0.0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
VMP-12	5 ft	VMP-12-5-072419	7/24/2019	<0.008	U		<0.008	U		0.0023	J		<0.0054	U		<0.0054	U		<0.0052	U		<0.046	U		<0.0061	U	
		VMP-12-5-102219	10/22/2019	<0.0087	U		<0.0087	U		0.0031	J		<0.0058	U		0.0034	J		<0.0057	U		<0.05	U		<0.0067	U	
		VMP-12-5-102219-DUP	10/22/2019	<0.0076	U		<0.0076	U		0.003	J		<0.0051	U		0.0023	J		<0.005	U		<0.044	U		<0.0058	U	
		VMP-12-5-012920	1/29/2020	<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U		<0.0054	U		<0.048	U		<0.0063	U	
		VMP-12-5-042920	4/29/2020	<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
	11.5 ft	VMP-12-11.5-072419	7/24/2019	<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-12-11.5-102219	10/22/2019	<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-12-11.5-012920	1/29/2020	<0.0074	U		<0.0074	U		0.0035	J		<0.005	U		<0.005	U		<0.0048	U		<0.042	U		<0.0057	U	
		VMP-12-11.5-042920	4/29/2020	<0.007	U		<0.007	U		0.0022	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.04	U		<0.0054	U	
	25 ft	VMP-12-25-072419	7/24/2019	<0.008	U		<0.008	U		0.0023	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.046	U		<0.0061	U	
		VMP-12-25-102219	10/22/2019	<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	ND,UJ	UJ
		VMP-12-25-012920	1/29/2020	<0.0078	U		<0.0078	U		0.003	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-12-25-012920-DUP	1/29/2020	<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U	
		VMP-12-25-042920	4/29/2020	<0.0067	U		<0.0067	U		0.0024	J		<0.0045	U		<0.0045	U		<0.0044	U		<0.039	U		<0.0052	U	
VMP-13	5 ft	VMP-13-5-073119	7/31/2019	<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		0.0044	J		<0.0048	U		<0.042	U		<0.0055	U	
		VMP-13-5-102819	10/28/2019	<0.0078	U		<0.0078	U		0.0023	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.045	U		<0.006	ND,UJ	UJ
		VMP-13-5-012420	1/24/2020	<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U		<0.05	U		<0.0066	U	
		VMP-13-5-012420-DUP	1/24/2020	<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U		<0.05	U		<0.0066	U	
		VMP-13-5-042320	4/23/2020	<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
	10.5 ft	VMP-13-10.5-073119	7/31/2019	<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-13-10.5-102819	10/28/2019	<0.0077	U		<0.0077	U		0.0039	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.044	U		<0.0059	ND,UJ	UJ
		VMP-13-10.5-012420	1/24/2020	<0.0088	U		<0.0088	U		<0.0073	U		<0.006	U		<0.0059	U		<0.0058	U		<0.051	U		<0.0068	U	
		VMP-13-10.5-042320	4/23/2020	<0.0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
	21.5 ft	VMP-13-21.5-073119	7/31/2019	<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-13-21.5-102819	10/28/2019	<0.008	U		<0.008	U		0.0032	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.046	U		<0.0061	ND,UJ	UJ
		VMP-13-21.5-012420	1/24/2020	<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U		<0.0054	U		<0.048	U		<0.0063	U	
		VMP-13-21.5-042320	4/23/2020	<0.007	U		<0.007	U		0.0022	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.04	U		<0.0054	U	
	29.5 ft	VMP-13-29.5-102819	10/28/2019	<0.0072	U		<0.0072	U		0.004	J		<0.0049	U		<0.0049	U		0.013			<0.042	U		<0.0056	ND,UJ	UJ
		VMP-13-29.5-042320	4/23/2020	<0.0079	U		<0.0079	U		0.0027	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.0061	U	

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Location	Depth	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane		
							6800			1700			4200			0.81			1100000			45			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-14	5 ft	VMP-14-5-073019	7/30/2019	<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0059	U	
		VMP-14-5-073019-DUP	7/30/2019	<0.0075	U		<0.0075	U		0.0022	J		<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U	
		VMP-14-5-102819	10/28/2019	<0.0078	U		<0.0078	U		0.0038	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	ND,UJ	UJ
		VMP-14-5-012820	1/28/2020	<0.0087	U		<0.0087	U		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U		<0.05	U		<0.0067	U	
		VMP-14-5-042320	4/23/2020	<0.0069	U		<0.0069	U		0.0024	J		<0.0046	U		<0.0046	U		<0.0046	U		0.0016	J		<0.0053	U	
	11.5 ft	VMP-14-11.5-073019	7/30/2019	<0.0075	U		<0.0075	U		0.0024	J		<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U	
		VMP-14-11.5-102819	10/28/2019	<0.0084	U		<0.0084	U		0.0023	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0065	ND,UJ	UJ
		VMP-14-11.5-012820	1/28/2020	<0.0077	U		<0.0077	U		<0.0064	U		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.0059	U	
		VMP-14-11.5-042320	4/23/2020	<0.0072	U		<0.0072	U		0.0021	J		<0.0048	U		<0.0048	U		<0.0047	U		0.021	J		<0.0055	U	
	20 ft	VMP-14-20-073019	7/30/2019	<0.0077	U		<0.0077	U		0.0031	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.0059	U	
		VMP-14-20-102819	10/28/2019	<0.0082	U		<0.0082	U		0.0025	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.048	U		<0.0063	ND,UJ	UJ
		VMP-14-20-042320	4/23/2020	<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.0061	U	
VMP-15	5 ft	VMP-15-5-073019	7/30/2019	<0.0074	U		0.0013	J		0.0038	J		0.0011	J		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-15-5-073019-DUP	7/30/2019	<0.0073	U		<0.0073	U		0.0025	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-15-5-102219	10/22/2019	<0.0073	U		<0.0073	U		0.0028	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-15-5-012820	1/28/2020	<0.0086	U		<0.0086	U		0.002	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.05	U		<0.0066	U	
		VMP-15-5-042820	4/28/2020	<0.008	U		<0.008	U		0.002	J		<0.0054	U		<0.0054	U		0.0025	J		<0.046	U		<0.0061	U	
	21.5 ft	VMP-15-21.5-073019	7/30/2019	<0.054	U		<0.054	U		<0.044	U		<0.036	U		<0.036	U		<0.036	U		<0.31	U		<0.042	U	
		VMP-15-21.5-102219	10/22/2019	<0.074	U		<0.074	U		<0 06	U		<0.05	U		<0.05	U		<0.048	U		<0.42	U		<0.057	U	
		VMP-15-21.5-012820	1/28/2020	<0.0085	U		<0.0085	U		0.0013	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0066	U	
		VMP-15-21.5-042820	4/28/2020	<0.0084	U		<0.0084	U		<0.0069	U		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0065	U	
	25.5 ft	VMP-15-25.5-012820	1/28/2020	<0.02	U		<0.02	U		<0.017	U		<0.014	U		<0.014	U		<0.014	U		<0.12	U		<0.016	U	
		VMP-15-25.5-042820	4/28/2020	<0.11	U		<0.11	U		<0.089	U		<0.073	U		<0.073	U		<0.071	U		<0.62	U		<0.083	U	
VMP-16	5 ft	VMP-16-5-072419	7/24/2019	<0.0076	U		<0.0076	U		0.0031	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0058	U	
		VMP-16-5-102219	10/22/2019	<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.048	U		<0.0064	U	UJ
		VMP-16-5-012920	1/29/2020	<0.0075	U		<0.0075	U		0.0027	J		<0.005	U		<0.005	U		<0.005	U		0.0015	J		<0.0058	U	
		VMP-16-5-012920-DUP	1/29/2020	<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-16-5-042920	4/29/2020	<0.0066	U		<0.0066	U		0.0024	J		<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U	
	13.5 ft	VMP-16-13.5-072419	7/24/2019	<2.1	U		<2.1	U		<1.7	U		<1.4	U		<1.4	U		<1.4	U		<4.9	U		<1.6	U	
		VMP-16-13.5-102219	10/22/2019	<1	U		<1	U		<0 84	U		<0.68	U		<0.68	U		<0.67	U		0.51	J		<0.78	U	
		VMP-16-13.5-012920	1/29/2020	<0.96	U		<0.96	U		<0.79	U		<0.65	U		<0.65	U		<0.64	U		<2.2	U		<0.74	U	
		VMP-16-13.5-042920	4/29/2020	<0.52	U		<0.52	U		<0.43	U		<0.35	U		<0.35	U		<0.34	U		<1.2	U		<0.4	U	
	19 ft	VMP-16-19-072419	7/24/2019	<1.9	U		<1.9	U		<1.6	U		<1.3	U		<1.3	U		<1.2	U		<4.4	U		<1.4	U	
		VMP-16-19-102219	10/22/2019	<4.1	U		<4.1	U		<3.4	U		<2.8	U		<2.8	U		<2.7	U		2	J		<3.2	U	
		VMP-16-19-012920	1/29/2020	<1.9	U		<1.9	U		<1 5	U		<1.2	U		<1.2	U		<1.2	U		<4.3	U		<1.4	U	
		VMP-16-19-042920	4/29/2020	<1.2	U		<1.2	U		<0 96	U		<0.78	U		<0.78	U		<0.77	U		<2.7	U		<0.9	U	
	31 ft	VMP-16-31-072419	7/24/2019	<1.9	U		<1.9	U		<1.6	U		<1.3	U		<1.3	U		<1.3	U		<4.5	U		<1.5	U	
		VMP-16-31-072419-DUP	7/24/2019	<1.8	U		<1.8	U		<1 5	U		<1.2	U		<1.2	U		<1.2	U		<4.3	U		<1.4	U	
		VMP-16-31-102219	10/22/2019	<3.9	U		<3.9	U		<3 2	U		<2.6	U		<2.6	U		<2.6	U		1.8	J		<3	U	
		VMP-16-31-012920	1/29/2020	<1.9	U		<1.9	U		<1 5	U		<1.2	U		<1.2	U		<1.2	U		<4.3	U		<1.4	U	
		VMP-16-31-042920	4/29/2020	<1.8	U		<1.8	U		<1 5	U		<1.2	U		<1.2	U		<1.2	U		<4.3	U		<1.4	U	
VMP-17	5 ft	VMP-17-5-073119	7/31/2019	<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-17-5-102119	10/21/2019	<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-17-5-012220	1/22/2020	<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U		<0.0055	U		<0.048	U		<0.0064	U	
		VMP-17-5-042820	4/28/2020	<0.0085	U		<0.0085	U		0.0024	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0065	U	
VMP-25	5 ft	VMP-25-5-072519	7/25/2019	<0.0077	U		<0.0077	U		0.0017	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.0059	U	
		VMP-25-5-072519-DUP	7/25/2019	<0.0074	U		<0.0074	U		0.0011	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-25-5-102819	10/28/2019	<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0059	ND,UJ	UJ
		VMP-25-5-102819-DUP	10/28/2019	<0.0075	U		<0.0075	U		0.0023	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0058	ND,UJ	UJ
		VMP-25-5-012820	1/28/2020	<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-25-5-012820-DUP	1/28/2020	<0.0076	U		<0.0076	U		<0.0063	U		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0059	U	
		VMP-25-5-042320	4/23/2020	<0.0087	U		<0.0087	U		0.0013	J		<0.0059	U		<0.0059	U		<0.0057	U		<0.05	U		<0.0067	U	
		VMP-25-5-042320-DUP	4/23/2020	<0.0078	U		<0.0078	U		0.00096	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.045	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	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane		
							6800			1700			4200			0.81			1100000			45			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-29	10 ft	VMP-29-10-073119	7/31/2019	<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-29-10-102519	10/25/2019	<0.0079	U		<0.0079	U		0.0018	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.0061	U	
		VMP-29-10-012420	1/24/2020	<0.008	U		<0.008	U		<0.0066	U		<0.0054	U		<0.0054	U		<0.0053	U		<0.046	U		<0.0061	U	
		VMP-29-10-042320	4/23/2020	<0.007	J	U	0.0022	J		0.0027	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.041	U		<0.0054	U	
	18 ft	VMP-29-18-073119	7/31/2019	<0.013	U		<0.013	U		<0 01	U		<0.0085	U		<0.0085	U		<0.0084	U		<0.073	U		<0.0098	U	
		VMP-29-18-102519	10/25/2019	<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.006	U	
		VMP-29-18-012420	1/24/2020	<0.0091	U		<0.0091	U		<0.0075	U		<0.0061	U		<0.0061	U		<0.006	U		<0.053	U		<0.007	U	
		VMP-29-18-042320	4/23/2020	<0.0067	U		<0.0067	U		0.0023	J		<0.0045	U		<0.0045	U		<0.0044	U		<0.039	U		<0.0052	U	
	26 ft	VMP-29-26-073119	7/31/2019	<0.03	U		<0.03	U		<0.024	U		<0.02	U		<0.02	U		<0.02	U		<0.17	U		<0.023	U	
		VMP-29-26-102519	10/25/2019	<0.008	U		<0.008	U		0.0021	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.046	U		<0.0062	U	
		VMP-29-26-012420	1/24/2020	<0.0086	U		<0.0086	U		<0.007	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.05	U		<0.0066	U	
		VMP-29-26-042320	4/23/2020	<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-29-26-042320-DUP	4/23/2020	<0.0073	J	U	0.0016	J		0.0028	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
VMP-30	10 ft	VMP-30-10-073119	7/31/2019	<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U		<0.0048	U		<0.042	U		<0.0056	U	
		VMP-30-10-102519	10/25/2019	<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0057	U	
		VMP-30-10-012420	1/24/2020	<0.0076	U		<0.0076	U		<0.0063	U		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0059	U	
		VMP-30-10-042320	4/23/2020	<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
	18 ft	VMP-30-18-073119	7/31/2019	0.0016	J		0.0017	J		0.0024	J		<0.005	U		0.0017	J		<0.005	U		<0.043	U		<0.0058	U	
		VMP-30-18-102519	10/25/2019	<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0059	U	
		VMP-30-18-012420	1/24/2020	<0.0089	U		<0.0089	U		<0.0073	U		<0.006	U		<0.006	U		<0.0059	U		<0.051	U		<0.0068	U	
		VMP-30-18-042320	4/23/2020	<0.0073	U		0.0024	J		0.0023	J		<0.0049	U		<0.0049	U		<0.0048	U		0.0021	J		<0.0056	U	
	26 ft	VMP-30-26-073119	7/31/2019	<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		0.0072			<0.0049	U		<0.043	U		<0.0057	U	
		VMP-30-26-102519	10/25/2019	<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U		0.0023	J		0.003	J		<0.044	U		<0.0058	U	
		VMP-30-26-102519-DUP	10/25/2019	<0.0079	U		<0.0079	U		0.002	J		<0.0053	U		0.002	J		<0.0052	U		<0.046	U		<0.006	U	
		VMP-30-26-012420	1/24/2020	<0.0084	U		<0.0084	U		<0.0069	U		<0.0056	U		<0.0056	U		<0.0055	U		<0.048	U		<0.0064	U	
		VMP-30-26-042320	4/23/2020	<0.0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0.0045	U		<0.0044	U		<0.039	U		<0.0052	U	
VMP-41	10 ft	VMP-41-10-072619	7/26/2019	<0.0079	U		<0.0079	U		0.0019	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.046	U		<0.0061	U	
		VMP-41-10-102819	10/28/2019	<0.0075	U		<0.0075	U		0.0038	J		<0.005	U		<0.005	U		<0.0049	U		<0.043	U		<0.0058	ND,UJ	UJ
		VMP-41-10-012420	1/24/2020	<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U		<0.0051	U		<0.045	U		<0.006	U	
		VMP-41-10-042320	4/23/2020	<0.0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.041	U		<0.0055	U	
	20 ft	VMP-41-20-072619	7/26/2019	<0.008	U		<0.008	U		0.0017	J		<0.0054	U		<0.0054	U		<0.0052	U		<0.046	U		<0.0061	U	
		VMP-41-20-072619-DUP	7/26/2019	<0.0086	U		<0.0086	U		0.0018	J		<0.0058	U		<0.0058	U		<0.0057	U		<0.05	U		<0.0066	U	
		VMP-41-20-102819	10/28/2019	<0.0076	U		<0.0076	U		0.0039	J		<0.0051	U		<0.0051	U		<0.005	U		<0.044	U		<0.0059	ND,UJ	UJ
		VMP-41-20-012420	1/24/2020	<0.0081	U		<0.0081	U		<0.0067	U		<0.0055	U		<0.0055	U		<0.0054	U		<0.047	U		<0.0063	U	
		VMP-41-20-042320	4/23/2020	<0.0081	U		<0.0081	U		0.0022	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.047	U		<0.0063	U	
	26 ft	VMP-41-26-012420	1/24/2020	<0.0088	U		<0.0088	U		<0.0073	U		<0.006	U		<0.0059	U		<0.0058	U		<0.051	U		<0.0068	U	
		VMP-41-26-012420-DUP	1/24/2020	<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U		<0.0056	U		0.026	J		<0.0066	U	
		VMP-41-26-042320	4/23/2020	<0.0085	U		<0.0085	U		0.0022	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.049	U		<0.0065	U	
VMP-55	20 ft	VMP-55-20-073019	7/30/2019	<0.05	U		<0.05	U		<0.041	U		<0.033	U		<0.033	U		<0.033	U		<0.29	U		<0.038	U	
		VMP-55-20-012820	1/28/2020	<0.18	U		<0.18	U		<0.15	U		<0.12	U		<0.12	U		<0.12	U		<1	U		<0.14	U	
		VMP-55-20-042820	4/28/2020	<0.042	U		<0.042	U		<0.034	U		<0.028	U		<0.028	U		<0.028	U		<0.24	U		<0.032	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	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene		
				2.3						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-10-5-072619	7/26/2019	<0.019	U		0.0032	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0 0054	U		<0.056	U	
		VMP-10-5-102519	10/25/2019	<0.018	U		<0.0097	U	UJ	<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0 0053	U		<0.055	U	
		VMP-10-5-012420	1/24/2020	<0.021	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0 0059	U		<0.061	U	
		VMP-10-5-042320	4/23/2020	<0.018	U		<0.0094	U		<0.0054	U		0.0014	J		<0.0095	U		<0.0087	U		<0 0051	U		<0.053	U	
	10 ft	VMP-10-10-072619	7/26/2019	<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0 0051	U		<0.053	U	
		VMP-10-10-102519	10/25/2019	<0.02	U		<0.01	U	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0 0056	U		<0.058	U	
		VMP-10-10-012420	1/24/2020	<0.017	U		<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0 0049	U		<0.051	U	
		VMP-10-10-042320	4/23/2020	<0.02	U		0.0062	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.0055	J		<0.058	U	
	20 ft	VMP-10-20-072619	7/26/2019	<0.021	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0 0059	U		<0.061	U	
		VMP-10-20-102519	10/25/2019	<0.02	U		<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0 0056	U		<0.058	U	
		VMP-10-20-012420	1/24/2020	<0.019	U		<0.0098	ND,UJ	UJ	<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0 0053	U		0.01	J	
		VMP-10-20-042320	4/23/2020	<0.018	U		0.0044	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U	
VMP-11	5 ft	VMP-11-5-073119	7/31/2019	<0.018	U		<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0 0052	U		<0.054	U	
		VMP-11-5-102519	10/25/2019	<0.017	U		<0.0089	U	UJ	<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0 0048	U		<0.05	U	
		VMP-11-5-012920	1/29/2020	<0.02	U		<0.01	ND,UJ	UJ	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0 0058	U		<0.06	U	
		VMP-11-5-042720	4/27/2020	0.016	J		0.01			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0 00063	J		<0.055	U	
	8 ft	VMP-11-8-073119	7/31/2019	<0.017	U		<0.0088	U	UJ	<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0 0048	U		<0.05	U	
		VMP-11-8-102519	10/25/2019	<0.018	U		<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0 0052	U		<0.054	U	
		VMP-11-8-012920	1/29/2020	<0.019	U		<0.01	ND,UJ	UJ	<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0 0055	U		<0.057	U	
		VMP-11-8-042720	4/27/2020	0.0011	J		0.0041	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
	29 ft	VMP-11-29-073119	7/31/2019	<0.017	U		<0.0087	U	UJ	<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0 0048	U		<0.049	U	
		VMP-11-29-102519	10/25/2019	<0.019	U		<0.01	U	UJ	<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0 0055	U		<0.058	U	
		VMP-11-29-012920	1/29/2020	<0.02	U		<0.01	ND,UJ	UJ	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0 0057	U		<0.06	U	
		VMP-11-29-042720	4/27/2020	0.0014	J		0.0045	J		0.00066	J		<0.0065	U		<0.01	U		<0.0092	U		<0 0054	U		<0.056	U	
		VMP-11-29-042720-DUP	4/27/2020	0.0033	J		<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
	38 ft	VMP-11-38-073119	7/31/2019	<0.017	U		<0.009	U	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0 0049	U		<0.051	U	
		VMP-11-38-102519	10/25/2019	<0.017	U		<0.0091	U	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0 0049	U		<0.051	U	
		VMP-11-38-012920	1/29/2020	<0.02	U		<0.01	ND,UJ	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0 0056	U		<0.058	U	
		VMP-11-38-042720	4/27/2020	0.0017	J		<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0 0049	U		<0.051	U	
VMP-12	5 ft	VMP-12-5-072419	7/24/2019	<0.019	U		0.003	J		0.018			0.0028	J		<0.01	U		<0.0093	U		0.021			<0.056	U	
		VMP-12-5-102219	10/22/2019	<0.021	U		0.013	J0	J	<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0 0059	U		<0.062	U	
		VMP-12-5-102219-DUP	10/22/2019	<0.018	U		0.01			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0 0052	U		<0.054	U	
		VMP-12-5-012920	1/29/2020	<0.02	U		<0.01	ND,UJ	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0 0056	U		<0.058	U	
		VMP-12-5-042920	4/29/2020	<0.017	U		0.0091			<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0 0049	U		<0.051	U	
	11.5 ft	VMP-12-11.5-072419	7/24/2019	<0.018	U		<0.0095	U		<0.0055	U		0.0013	J		<0.0097	U		<0.0088	U		<0 0052	U		<0.054	U	
		VMP-12-11.5-102219	10/22/2019	<0.018	U		0.0088	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0 0051	U		<0.053	U	
		VMP-12-11.5-012920	1/29/2020	<0.018	U		<0.0092	ND,UJ	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U	
		VMP-12-11.5-042920	4/29/2020	<0.017	U		0.035			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0 0048	U		<0.049	U	
	25 ft	VMP-12-25-072419	7/24/2019	<0.019	U		<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		0.0022	J		<0.057	U	
		VMP-12-25-102219	10/22/2019	<0.018	U		0.012		J	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0 0052	U		<0.054	U	
		VMP-12-25-012920	1/29/2020	<0.019	U		<0.0098	ND,UJ	UJ	<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0 0053	U		<0.055	U	
		VMP-12-25-012920-DUP	1/29/2020	<0.017	U		<0.009	ND,UJ	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0 0049	U		<0.051	U	
		VMP-12-25-042920	4/29/2020	<0.016	U		0.022			<0.0048	U		<0.0055	U		<0.0085	U		<0.0078	U		<0 0046	U		<0.048	U	
VMP-13	5 ft	VMP-13-5-073119	7/31/2019	<0.017	U		0.019		J	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0 0049	U		<0.051	U	
		VMP-13-5-102819	10/28/2019	<0.019	U		<0.0098	U	UJ	<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0 0053	U		<0.055	U	
		VMP-13-5-012420	1/24/2020	<0.021	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0 0059	U		<0.061	U	
		VMP-13-5-012420-DUP	1/24/2020	<0.021	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0 0059	U		<0.061	U	
		VMP-13-5-042320	4/23/2020	<0.017	U		0.0064	J	J	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
	10.5 ft	VMP-13-10.5-073119	7/31/2019	<0.018	U		<0.0093	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U	
		VMP-13-10.5-102819	10/28/2019	<0.018	U		<0.0096	U	UJ	<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0 0052	U		<0.055	U	
		VMP-13-10.5-012420	1/24/2020	<0.021	U		<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U	
		VMP-13-10.5-042320	4/23/2020	<0.017	U		0.0075	J	J	<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0 0049	U		<0.051	U	
	21.5 ft	VMP-13-21.5-073119	7/31/2019	<0.018	U		<0.0092	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U	
		VMP-13-21.5-102819	10/28/2019	<0.019	U		<0.01	U	UJ	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0 0054	U		<0.057	U	
		VMP-13-21.5-012420	1/24/2020	<0.02	U		<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0 0056	U		<0.058	U	
		VMP-13-21.5-042320	4/23/2020	<0.017	U		<0.0088	ND,UJ	UJ	<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0 0048	U		<0.05	U	
	29.5 ft	VMP-13-29.5-102819	10/28/2019	<0.017	U		0.02		J	0.0015	J		<0.0059	U		<0.0092	U		<0.0084	U		<0 0049	U		<0.051	U	
		VMP-13-29.5-042320	4/23/2020	<0.019	U		0.004	J	J	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0 0054	U		<0.056	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	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene		
				2.3						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-14	5 ft	VMP-14-5-073019	7/30/2019	0.0049	J		<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0 0052	U		<0.054	U	
		VMP-14-5-073019-DUP	7/30/2019	<0.018	U		<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0 0051	U		<0.053	U	
		VMP-14-5-102819	10/28/2019	<0.018	U		<0.0097	U	UJ	<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0 0053	U		<0.055	U	
		VMP-14-5-012820	1/28/2020	<0.021	U		<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0 0059	U		<0.062	U	
		VMP-14-5-042320	4/23/2020	<0.016	U		0.0047	J	J	<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0 0047	U		<0.049	U	
	11.5 ft	VMP-14-11.5-073019	7/30/2019	<0.018	U		<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0 0051	U		<0.053	U	
		VMP-14-11.5-102819	10/28/2019	<0.02	U		<0.01	U	UJ	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0 0058	U		<0.06	U	
		VMP-14-11.5-012820	1/28/2020	<0.018	U		<0.0097	U		0.0043	J		<0.0063	U		<0.0098	U		<0.009	U		0.0084			<0.055	U	
		VMP-14-11.5-042320	4/23/2020	<0.017	U		0.015	J0	J	<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0 0049	U		<0.051	U	
	20 ft	VMP-14-20-073019	7/30/2019	<0.018	U		<0.0097	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		<0 0053	U		<0.055	U	
		VMP-14-20-102819	10/28/2019	<0.02	U		<0.01	U	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0 0056	U		<0.058	U	
		VMP-14-20-042320	4/23/2020	<0.019	U		<0.0099	ND,UJ	UJ	0.0013	J		<0.0065	U		<0.01	U		<0.0092	U		0.0062			<0.056	U	
VMP-15	5 ft	VMP-15-5-073019	7/30/2019	<0.018	U		<0.0093	U		0.0015	J		<0.0061	U		0.0034	J		0.0022	J		<0 0051	U		<0.053	U	
		VMP-15-5-073019-DUP	7/30/2019	<0.017	U		<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-15-5-102219	10/22/2019	<0.017	U		0.0094	J0	J	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-15-5-012820	1/28/2020	<0.02	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0 0058	U		<0.061	U	
		VMP-15-5-042820	4/28/2020	<0.019	U		<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0 0054	U		<0.057	U	
	21.5 ft	VMP-15-21.5-073019	7/30/2019	<0.13	U		<0.068	U		<0.039	U		<0.044	U		<0.069	U		<0.063	U		<0.037	U		<0.38	U	
		VMP-15-21.5-102219	10/22/2019	<0.18	U		<0.092	ND,UJ	UJ	<0.053	U		<0.06	U		<0.094	U		<0.086	U		<0.05	U		<0.52	U	
		VMP-15-21.5-012820	1/28/2020	<0.02	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		<0 0058	U		<0.06	U	
		VMP-15-21.5-042820	4/28/2020	<0.02	U		0.0096	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0 0058	U		<0.06	U	
	25.5 ft	VMP-15-25.5-012820	1/28/2020	<0.049	U		<0.026	U		<0.015	U		<0.017	U		<0.026	U		<0.024	U		<0.014	U		<0.14	U	
		VMP-15-25.5-042820	4/28/2020	<0.26	U		<0.14	U		<0.078	U		<0.088	U		<0.14	U		<0.12	U		<0.074	U		<0.77	U	
VMP-16	5 ft	VMP-16-5-072419	7/24/2019	<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0 0052	U		<0.054	U	
		VMP-16-5-102219	10/22/2019	<0.02	U		<0.01	ND,UJ	UJ	<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0 0056	U		<0.059	U	
		VMP-16-5-012920	1/29/2020	<0.018	U		<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0 0051	U		<0.053	U	
		VMP-16-5-012920-DUP	1/29/2020	0.0012	J		<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-16-5-042920	4/29/2020	<0.016	U		0.0071	J		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0 0045	U		<0.047	U	
	13.5 ft	VMP-16-13.5-072419	7/24/2019	<5.1	U		<2.6	U		<1 5	U		<1.7	U		<2.7	U		<2.5	U		<1.4	U		<15	U	
		VMP-16-13.5-102219	10/22/2019	<2.4	U		<1.3	U		<0.73	U		<0.83	U		<1.3	U		<1.2	U		0.3	J		<7.2	U	
		VMP-16-13.5-012920	1/29/2020	<2.3	U		<1.2	U		0 33	J	J	1.1		J	<1.2	U		<1.1	U		1.2		J	<6.8	U	
		VMP-16-13.5-042920	4/29/2020	<1.2	U		<0.65	U		<0 38	U		0.15	J	J	<0.66	U		<0.6	U		<0.35	U		<3.7	U	
	19 ft	VMP-16-19-072419	7/24/2019	<4.5	U		<2.4	U		3.8			28			<2.4	U		<2.2	U		<1.3	U		<13	U	
		VMP-16-19-102219	10/22/2019	<9.9	U		<5.2	U		5.6			32			<5.3	U		<4.8	U		3.2			<29	U	
		VMP-16-19-012920	1/29/2020	<4.5	U		<2.3	U		3.2			13			<2.4	U		<2.2	U		2			<13	U	
		VMP-16-19-042920	4/29/2020	<2.8	U		<1.5	U		2.4		J	17		J	<1.5	U		<1.4	U		1.8		J	<8.3	U	
	31 ft	VMP-16-31-072419	7/24/2019	<4.6	U		<2.4	U		2.9			13			<2.5	U		<2.2	U		<1.3	U		<14	U	
		VMP-16-31-072419-DUP	7/24/2019	<4.4	U		<2.3	U		2.5			13			<2.4	U		<2.2	U		<1.3	U		<13	U	
		VMP-16-31-102219	10/22/2019	<9.4	U		<4.9	U		4.9			14			<5	U		<4.5	U		1.5	J		<28	U	
		VMP-16-31-012920	1/29/2020	<4.5	U		<2.3	U		2.4		J	5.2		J	<2.4	U		<2.2	U		<1.3	U		<13	U	
		VMP-16-31-042920	4/29/2020	<4.4	U		<2.3	U		2.5		J	11		J	<2.4	U		<2.2	U		1.4		J	<13	U	
VMP-17	5 ft	VMP-17-5-073119	7/31/2019	<0.018	U		<0.0092	U	UJ	<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U	
		VMP-17-5-102119	10/21/2019	<0.018	U		0.0092	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0 0053	U		<0.055	U	
		VMP-17-5-012220	1/22/2020	<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0 0057	U		<0.059	U	
		VMP-17-5-042820	4/28/2020	<0.02	U		0.0086	J	J	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0 0058	U		<0.06	U	
VMP-25	5 ft	VMP-25-5-072519	7/25/2019	<0.018	U		<0.0097	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		0.0016	J		<0.055	U	
		VMP-25-5-072519-DUP	7/25/2019	<0.018	U		<0.0093	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		0.0039	J		<0.052	U	
		VMP-25-5-102819	10/28/2019	<0.018	U		<0.0096	U	UJ	<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0 0052	U		<0.054	U	
		VMP-25-5-102819-DUP	10/28/2019	<0.018	U		<0.0094	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0 0051	U		<0.053	U	
		VMP-25-5-012820	1/28/2020	<0.018	U		<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U	
		VMP-25-5-012820-DUP	1/28/2020	<0.018	U		<0.0096	U		0.0024	J		<0.0062	U		<0.0097	U		<0.0089	U		0.005	J		<0.054	U	
		VMP-25-5-042320	4/23/2020	<0.021	U		<0.011	U	J	<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.0029	J		<0.062	U	
		VMP-25-5-042320-DUP	4/23/2020	<0.019	U		0.0065	J	J	0.00087	J		<0.0064	U		<0.01	U		<0.0091	U		0.0049	J		<0.055	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	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene		
				2.3						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-29	10 ft	VMP-29-10-073119	7/31/2019	<0.018	U		<0.0092	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U	
		VMP-29-10-102519	10/25/2019	<0.019	U		0.012		J	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0 0054	U		<0.056	U	
		VMP-29-10-012420	1/24/2020	<0.019	U		<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0 0054	U		<0.057	U	
		VMP-29-10-042320	4/23/2020	<0.017	U		<0.0088	ND,UJ	UJ	<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0 0048	U		<0.05	U	
	18 ft	VMP-29-18-073119	7/31/2019	<0.03	U		<0.016	U	UJ	<0.0092	U		<0.01	U		<0.016	U		<0.015	U		<0 0086	U		<0.09	U	
		VMP-29-18-102519	10/25/2019	<0.019	U		0.01		J	<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0 0054	U		<0.056	U	
		VMP-29-18-012420	1/24/2020	<0.022	U		<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0 0062	U		<0.065	U	
		VMP-29-18-042320	4/23/2020	<0.016	U		0.0046	J	J	<0.0048	U		<0.0055	U		<0.0085	U		<0.0078	U		<0 0046	U		<0.048	U	
	26 ft	VMP-29-26-073119	7/31/2019	<0.072	U		<0.037	U	UJ	<0.022	U		<0.024	U		<0.038	U		<0.035	U		<0.02	U		<0.21	U	
		VMP-29-26-102519	10/25/2019	<0.019	U		0.0066	J	J	<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0 0055	U		<0.057	U	
		VMP-29-26-012420	1/24/2020	<0.02	U		<0.011	U		0.0034	J		<0.007	U		<0.011	U		<0.01	U		0.0039	J		<0.061	U	
		VMP-29-26-042320	4/23/2020	<0.018	U		<0.0092	ND,UJ	UJ	<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U	
		VMP-29-26-042320-DUP	4/23/2020	<0.017	U		0.0057	J	J	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
VMP-30	10 ft	VMP-30-10-073119	7/31/2019	<0.017	U		<0.0091	U	UJ	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
		VMP-30-10-102519	10/25/2019	<0.018	U		0.0079	J	J	<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0 0051	U		<0.053	U	
		VMP-30-10-012420	1/24/2020	<0.018	U		<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0 0052	U		<0.054	U	
		VMP-30-10-042320	4/23/2020	<0.017	U		0.0031	J	J	<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0 0049	U		<0.051	U	
	18 ft	VMP-30-18-073119	7/31/2019	<0.018	U		0.012			0.0019	J		<0.0061	U		<0.0096	U		<0.0087	U		<0 0051	U		<0.053	U	
		VMP-30-18-102519	10/25/2019	<0.018	U		<0.0096	U	UJ	<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0 0052	U		<0.054	U	
		VMP-30-18-012420	1/24/2020	<0.021	U		<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0 0061	U		<0.063	U	
		VMP-30-18-042320	4/23/2020	<0.017	U		0.0046	J	J	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U	
	26 ft	VMP-30-26-073119	7/31/2019	<0.018	U		<0.0093	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U	
		VMP-30-26-102519	10/25/2019	<0.018	U		0.0078	J	J	<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0 0052	U		<0.054	U	
		VMP-30-26-102519-DUP	10/25/2019	<0.019	U		0.0095	J		<0.0057	U		<0.0064	J	U	<0.01	U		<0.0092	U		<0 0054	U		<0.056	U	
		VMP-30-26-012420	1/24/2020	<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0 0057	U		<0.059	U	
		VMP-30-26-042320	4/23/2020	<0.016	U		<0.0084	ND,UJ	UJ	<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0 0046	U		<0.048	U	
VMP-41	10 ft	VMP-41-10-072619	7/26/2019	<0.019	U		<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0 0054	U		<0.056	U	
		VMP-41-10-102819	10/28/2019	<0.018	U		<0.0094	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0 0051	U		<0.053	U	
		VMP-41-10-012420	1/24/2020	<0.019	U		<0.0098	U		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0 0053	U		<0.055	U	
		VMP-41-10-042320	4/23/2020	<0.017	U		<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0 0049	U		<0.051	U	
	20 ft	VMP-41-20-072619	7/26/2019	<0.019	U		<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0 0054	U		<0.056	U	
		VMP-41-20-072619-DUP	7/26/2019	<0.021	U		0.0033	J		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		<0 0059	U		<0.061	U	
		VMP-41-20-102819	10/28/2019	<0.018	U		<0.0096	U	UJ	<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0 0052	U		<0.054	U	
		VMP-41-20-012420	1/24/2020	<0.02	U		<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0 0056	U		<0.058	U	
		VMP-41-20-042320	4/23/2020	<0.02	U		<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.0017	J		<0.058	U	
	26 ft	VMP-41-26-012420	1/24/2020	<0.021	U		<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U	
		VMP-41-26-012420-DUP	1/24/2020	<0.02	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		<0 0058	U		<0.06	U	
		VMP-41-26-042320	4/23/2020	<0.02	U		<0.011	U		<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0 0058	U		<0.06	U	
VMP-55	20 ft	VMP-55-20-073019	7/30/2019	<0.12	U		<0.062	U		<0.036	U		<0.04	U		<0.063	U		<0.058	U		<0.034	U		<0.35	U	
		VMP-55-20-012820	1/28/2020	<0.43	U		<0.22	U		<0.13	U		<0.15	U		<0.23	U		<0.21	U		<0.12	U		<1.3	U	
		VMP-55-20-042820	4/28/2020	<0.1	U		<0.052	U		<0 03	U		<0.034	U		<0.053	U		<0.048	U		<0.028	U		<0.3	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	Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene) 3500			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE) 24000			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-10	5 ft	VMP-10-5-072619	7/26/2019	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.019	U		0.0019	J		0.00056	J	
		VMP-10-5-102519	10/25/2019	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		<0.013	U		<0.0063	U	
		VMP-10-5-012420	1/24/2020	<0.005	U		<0.024	U		<0.017	U		<0.007	U		<0.0059	U		<0.021	U		0.024			<0.007	U	
		VMP-10-5-042320	4/23/2020	0.0014	J		<0.02	U		0.0052	J		0.0024	J		<0.0051	U		<0.018	U		0.0028	J		0.0057	J	
	10 ft	VMP-10-10-072619	7/26/2019	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-10-10-102519	10/25/2019	<0.0048	U		<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		<0.013	U		<0.0067	U	
		VMP-10-10-012420	1/24/2020	<0.0042	U		<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		0.025			0.0025	J	
		VMP-10-10-042320	4/23/2020	0.014			<0.022	U		0.0074	J		<0.0067	U		<0.0056	U		<0.02	U		0.0095	J		<0.0067	U	
	20 ft	VMP-10-20-072619	7/26/2019	<0.005	U		<0.024	U		<0.017	U		<0.007	U		<0.0059	U		<0.021	U		0.0042	J		<0.007	U	
		VMP-10-20-102519	10/25/2019	<0.0048	U		<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		<0.013	U		<0.0067	U	
		VMP-10-20-012420	1/24/2020	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.013	U		<0.0064	U	
		VMP-10-20-042320	4/23/2020	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0052	J		<0.006	U	
VMP-11	5 ft	VMP-11-5-073119	7/31/2019	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0066	J		<0.0062	U	
		VMP-11-5-102519	10/25/2019	0.0015	J		<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		<0.0058	U	
		VMP-11-5-012920	1/29/2020	<0.005	U		<0.023	U		<0.016	U	UJ	<0.0069	U		<0.0058	U		<0.02	U		<0.014	U		<0.0069	U	
		VMP-11-5-042720	4/27/2020	<0.0045	U		0.0012	J		0.0035	J		<0.0063	U		<0.0053	U		<0.019	U		0.0074	J		<0.0063	U	
	8 ft	VMP-11-8-073119	7/31/2019	<0.0041	U		<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		0.0084	J		<0.0058	U	
		VMP-11-8-102519	10/25/2019	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-11-8-012920	1/29/2020	<0.0047	U		<0.022	U		<0.016	U	UJ	<0.0066	U		<0.0055	U		<0.019	U		<0.013	U		<0.0066	U	
		VMP-11-8-042720	4/27/2020	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.011	J		<0.0059	U	
	29 ft	VMP-11-29-073119	7/31/2019	<0.0041	U		<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		0.0048	J		<0.0057	U	
		VMP-11-29-102519	10/25/2019	<0.0048	U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.013	U		<0.0066	U	
		VMP-11-29-012920	1/29/2020	<0.0049	U		<0.023	U		<0.016	U	UJ	<0.0069	U		<0.0057	U		<0.02	U		<0.014	U		<0.0069	U	
		VMP-11-29-042720	4/27/2020	0.0013	J		<0.022	U		0.0018	J		<0.0065	U		<0.0054	U		<0.019	U		0.0046	J		<0.0065	U	
		VMP-11-29-042720-DUP	4/27/2020	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0032	J		<0.0059	U	
	38 ft	VMP-11-38-073119	7/31/2019	<0.0042	U		<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U	
		VMP-11-38-102519	10/25/2019	<0.0042	U		<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		0.0016	J	
		VMP-11-38-012920	1/29/2020	<0.0048	U		<0.022	U		<0.016	U	UJ	<0.0067	U		<0.0056	U		<0.02	U		<0.013	U		<0.0067	U	
		VMP-11-38-042720	4/27/2020	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0062	J		<0.0058	U	
VMP-12	5 ft	VMP-12-5-072419	7/24/2019	0.017			<0.022	U		0.0077	J		0.00069	J		<0.0054	U		<0.019	U		<0.013	U		<0.0065	U	
		VMP-12-5-102219	10/22/2019	<0.0051	U		<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U		<0.014	U		<0.0071	U	
		VMP-12-5-102219-DUP	10/22/2019	<0.0044	U		<0.021	U		0.0074	J		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-12-5-012920	1/29/2020	<0.0048	U		<0.022	U		<0.016	U	UJ	<0.0067	U		<0.0056	U		<0.02	U		<0.013	U		<0.0067	U	
		VMP-12-5-042920	4/29/2020	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.022			0.00091	J	
	11.5 ft	VMP-12-11.5-072419	7/24/2019	0.0014	J		<0.021	U		0.0029	J		0.0011	J		<0.0052	U		<0.018	U		<0.012	U		0.0027	J	
		VMP-12-11.5-102219	10/22/2019	0.0021	J		<0.02	U		0.0041	J		<0.0061	U		<0.005	U		<0.018	U		0.0018	J		<0.0061	U	
		VMP-12-11.5-012920	1/29/2020	<0.0043	U		<0.02	U		<0.014	U	UJ	<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U	
		VMP-12-11.5-042920	4/29/2020	<0.0041	U		<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		0.021			<0.0057	U	
	25 ft	VMP-12-25-072419	7/24/2019	0.0065			<0.022	U		0.0078	J		<0.0065	U		<0.0054	U		<0.019	U		<0.013	U		<0.0065	U	
		VMP-12-25-102219	10/22/2019	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-12-25-012920	1/29/2020	<0.0046	U		<0.021	U		0.17		J	<0.0064	U		<0.0053	U		<0.019	U		<0.013	U		<0.0064	U	
		VMP-12-25-012920-DUP	1/29/2020	<0.0042	U		<0.02	U		0.17		J	<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U	
		VMP-12-25-042920	4/29/2020	<0.0039	U		<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		0.011			<0.0055	U	
VMP-13	5 ft	VMP-13-5-073119	7/31/2019	<0.0042	U		<0.02	U		0.0054	J		<0.0059	U		<0.0049	U		<0.017	U		0.037			<0.0059	U	
		VMP-13-5-102819	10/28/2019	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.013	U		<0.0064	U	
		VMP-13-5-012420	1/24/2020	<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.021	U		<0.014	U		<0.007	U	
		VMP-13-5-012420-DUP	1/24/2020	<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.021	U		0.0057	J		<0.007	U	
		VMP-13-5-042320	4/23/2020	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0044	J	J	<0.0059	U	
	10.5 ft	VMP-13-10.5-073119	7/31/2019	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0075	J		<0.006	U	
		VMP-13-10.5-102819	10/28/2019	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.018	U		<0.012	U		<0.0063	U	
		VMP-13-10.5-012420	1/24/2020	<0.0052	U		<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U		0.028			<0.0072	U	
		VMP-13-10.5-042320	4/23/2020	0.00073	J		<0.019	U		0.0034	J		<0.0058	U		<0.0049	U		<0.017	U		0.0059	J	J	<0.0058	U	
	21.5 ft	VMP-13-21.5-073119	7/31/2019	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0058	J		<0.006	U	
		VMP-13-21.5-102819	10/28/2019	<0.0047	U		<0.022	U		0.017			<0.0065	U		<0.0054	U		<0.019	U		<0.013	U		<0.0065	U	
		VMP-13-21.5-012420	1/24/2020	<0.0048	U		<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		0.024			<0.0067	U	
		VMP-13-21.5-042320	4/23/2020	<0.0041	U		<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		0.0031	J	J	<0.0057	U	
	29.5 ft	VMP-13-29.5-102819	10/28/2019	<0.0042	U		<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		0.0027	J		<0.0059	U	
		VMP-13-29.5-042320	4/23/2020	<0.0046	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.004	J	J	0.0012	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	Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene		
													3500						24000								
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-14	5 ft	VMP-14-5-073019	7/30/2019	<0.0045	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.02			<0.0062	U	
		VMP-14-5-073019-DUP	7/30/2019	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		0.0096	J		<0.0061	U	
		VMP-14-5-102819	10/28/2019	<0.0045	U		<0.021	U		0.009	J		<0.0063	U		<0.0053	U		<0.019	U		<0.013	U		<0.0063	U	
		VMP-14-5-012820	1/28/2020	<0.0051	U		<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U		<0.014	U		<0.0071	U	
		VMP-14-5-042320	4/23/2020	<0.004	U		<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		0.012		J	<0.0056	U	
	11.5 ft	VMP-14-11.5-073019	7/30/2019	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		0.0074	J		<0.0061	U	
		VMP-14-11.5-102819	10/28/2019	<0.005	U		<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.02	U		<0.014	U		<0.0069	U	
		VMP-14-11.5-012820	1/28/2020	0.0071			<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.018	U		<0.013	U		<0.0063	U	
		VMP-14-11.5-042320	4/23/2020	<0.0042	U		<0.019	U		0.003	J		<0.0058	U		<0.0049	U		<0.017	U		0.0095	J	J	<0.0058	U	
	20 ft	VMP-14-20-073019	7/30/2019	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.018	U		0.0076	J		<0.0063	U	
		VMP-14-20-102819	10/28/2019	<0.0048	U		<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		<0.013	U		<0.0067	U	
		VMP-14-20-042320	4/23/2020	<0.0046	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0053	J	J	0.0019	J	
VMP-15	5 ft	VMP-15-5-073019	7/30/2019	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.01	J		<0.0061	U	
		VMP-15-5-073019-DUP	7/30/2019	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U	
		VMP-15-5-102219	10/22/2019	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U	
		VMP-15-5-012820	1/28/2020	<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U		<0.014	U		<0.007	U	
		VMP-15-5-042820	4/28/2020	<0.0047	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0031	J		<0.0065	U	
	21.5 ft	VMP-15-21.5-073019	7/30/2019	<0.032	U		0.094	J		2.9			<0.044	U		<0.037	U		<0.13	U		<0.088	U		<0.044	U	
		VMP-15-21.5-102219	10/22/2019	<0.043	U		<0.2	U		0.3			<0.06	U		<0.05	U		<0.18	U		<0.12	U		<0.06	U	
		VMP-15-21.5-012820	1/28/2020	<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U		<0.014	U		<0.007	U	
		VMP-15-21.5-042820	4/28/2020	<0.005	U		<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.02	U		0.0064	J		<0.0069	U	
	25.5 ft	VMP-15-25.5-012820	1/28/2020	<0.012	U		<0.056	U		0.036	J		<0.017	U		<0.014	U		<0.049	U		<0.034	U		<0.017	U	
		VMP-15-25.5-042820	4/28/2020	<0.063	U		<0.29	U		0.075	J		<0.088	U		<0.074	U		<0.26	U		<0.18	U		<0.088	U	
VMP-16	5 ft	VMP-16-5-072419	7/24/2019	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0026	J		<0.0062	U	
		VMP-16-5-102219	10/22/2019	<0.0049	U		<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U		<0.014	U		<0.0068	U	
		VMP-16-5-012920	1/29/2020	0.0013	J		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-16-5-012920-DUP	1/29/2020	0.0019	J		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0014	J		<0.0059	U	
		VMP-16-5-042920	4/29/2020	<0.0039	U		<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		0.012			0.00055	J	
	13.5 ft	VMP-16-13.5-072419	7/24/2019	2.4			<5.8	U		100			3.5			<1.4	U		<1.3	U		<3.5	U		6		
		VMP-16-13.5-102219	10/22/2019	0.16	J		<2.8	U		20			9.8			<0.69	U		<0.61	U		<1.7	U		22		
		VMP-16-13.5-012920	1/29/2020	5.1		J	<2.6	U		340		J	17		J	<0.66	U		<0.58	U		<1.6	U		32		J
		VMP-16-13.5-042920	4/29/2020	0.6		J	<1.4	U		72		J	3.3		J	<0.35	U		<0.31	U		<0.85	U		4		J
	19 ft	VMP-16-19-072419	7/24/2019	2.1			<5.2	U		130			50			<1.3	U		<1.1	U		<3.1	U		120		
		VMP-16-19-102219	10/22/2019	2.1	J		<11	U		310			86			<2.8	U		<2.5	U		<6.8	U		200		
		VMP-16-19-012920	1/29/2020	7.2			<5.1	U		510			46			<1.3	U		<1.1	U		<3	U		97		
		VMP-16-19-042920	4/29/2020	3.6		J	<3.2	U		520		J	54		J	<0.79	U		<0.7	U		<1.9	U		130		J
	31 ft	VMP-16-31-072419	7/24/2019	1.3			<5.3	U		340			64			<1.3	U		0.16	J		<3.2	U		180		
		VMP-16-31-072419-DUP	7/24/2019	1	J		<5.1	U		320			60			<1.3	U		0.16	J		<3	U		170		
		VMP-16-31-102219	10/22/2019	2.5			<11	U		700			91			<2.7	U		<2.3	U		<6.4	U		240		
		VMP-16-31-012920	1/29/2020	5.7		J	<5.1	U		1100		J	52		J	<1.3	U		<1.1	U		<3	U		120		J
		VMP-16-31-042920	4/29/2020	2.6		J	<5.1	U		1100		J	68		J	<1.3	U		<1.1	U		<3	U		190		J
VMP-17	5 ft	VMP-17-5-073119	7/31/2019	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U	
		VMP-17-5-102119	10/21/2019	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		<0.013	U		<0.0063	U	
		VMP-17-5-012220	1/22/2020	<0.0049	U		<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U		0.03			<0.0068	U	
		VMP-17-5-042820	4/28/2020	<0.005	U		<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.02	U		0.0053	J		<0.0069	U	
VMP-25	5 ft	VMP-25-5-072519	7/25/2019	0.0091			<0.021	U		0.11			<0.0063	U		<0.0053	U		<0.018	U		<0.013	U		<0.0063	U	
		VMP-25-5-072519-DUP	7/25/2019	0.016			<0.02	U		0.12			<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U	
		VMP-25-5-102819	10/28/2019	<0.0045	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-25-5-102819-DUP	10/28/2019	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-25-5-012820	1/28/2020	<0.0043	U		<0.02	U		0.017			<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U	
		VMP-25-5-012820-DUP	1/28/2020	<0.0045	U		<0.021	U		0.019			<0.0062	U		0.0073			<0.018	U		<0.012	U		<0.0062	U	
		VMP-25-5-042320	4/23/2020	0.014			<0.024	U		0 35			<0.0071	U		<0.0059	U		<0.021	U		0.0052	J	J	<0.0071	U	
		VMP-25-5-042320-DUP	4/23/2020	0.013			<0.021	U		0 27			<0.0064	U		<0.0053	U		<0.019	U		<0.013	U		<0.0064	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	Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene) 3500			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE) 24000			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-29	10 ft	VMP-29-10-073119	7/31/2019	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U	
		VMP-29-10-102519	10/25/2019	<0.0046	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0017	J		<0.0065	U	
		VMP-29-10-012420	1/24/2020	<0.0047	U		<0.022	U		<0.016	U		<0.0065	U		0.0064			<0.019	U		<0.013	U		<0.0065	U	
		VMP-29-10-042320	4/23/2020	<0.0041	U		<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		<0.012	U	UJ	0.00095	J	
	18 ft	VMP-29-18-073119	7/31/2019	<0.0074	U		<0.034	U		<0.025	U		<0.01	U		<0.0086	U		<0.03	U		<0.021	U		<0.01	U	
		VMP-29-18-102519	10/25/2019	<0.0046	U		<0.021	U		0.0044	J		<0.0064	U		<0.0054	U		<0.019	U		0.0056	J		<0.0064	U	
		VMP-29-18-012420	1/24/2020	<0.0053	U		<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.022	U		<0.015	U		<0.0074	U	
		VMP-29-18-042320	4/23/2020	<0.0039	U		<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		0.0029	J	J	<0.0055	U	
	26 ft	VMP-29-26-073119	7/31/2019	<0.018	U		<0.081	U		<0.059	U		<0.024	U		<0.02	U		<0.072	U		<0.049	U		<0.024	U	
		VMP-29-26-102519	10/25/2019	<0.0047	U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.013	U		<0.0066	U	
		VMP-29-26-012420	1/24/2020	<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U		<0.014	U		<0.007	U	
		VMP-29-26-042320	4/23/2020	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U	UJ	<0.006	U	
		VMP-29-26-042320-DUP	4/23/2020	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0038	J	J	0.00092	J	
VMP-30	10 ft	VMP-30-10-073119	7/31/2019	<0.0043	U		<0.02	U		0 01	J		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U	
		VMP-30-10-102519	10/25/2019	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		0.0038	J		<0.0061	U	
		VMP-30-10-012420	1/24/2020	<0.0045	U		<0.021	U		0.0028	J		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U	
		VMP-30-10-042320	4/23/2020	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U	J	<0.0058	U	
	18 ft	VMP-30-18-073119	7/31/2019	0.0027	J		<0.02	U		0.0068	J		0.0033	J		<0.0051	U		<0.018	U		0.011	J		0.0061	J	
		VMP-30-18-102519	10/25/2019	<0.0045	U		<0.021	U		0.0026	J		<0.0062	U		<0.0052	U		<0.018	U		0.0021	J		<0.0062	U	
		VMP-30-18-012420	1/24/2020	<0.0052	U		<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.021	U		0.0035	J		<0.0073	U	
		VMP-30-18-042320	4/23/2020	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0058	J	J	0.00062	J	
	26 ft	VMP-30-26-073119	7/31/2019	<0.0043	U		<0.02	U		0.0046	J		0.0089			<0.005	U		<0.018	U		0.017			<0.006	U	
		VMP-30-26-102519	10/25/2019	<0.0044	U		<0.021	U		0.0042	J		0.00068	J		<0.0052	U		<0.018	U		0.0041	J		<0.0062	U	
		VMP-30-26-102519-DUP	10/25/2019	<0.0046	U		<0.021	U		0.0047	J		0.00088	J		<0.0054	U		<0.019	U		0.0042	J		<0.0064	U	
		VMP-30-26-012420	1/24/2020	<0.0049	U		<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U		0.0042	J		<0.0068	U	
		VMP-30-26-042320	4/23/2020	<0.0039	U		<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		<0.011	ND,UJ	UJ	0.0026	J	
VMP-41	10 ft	VMP-41-10-072619	7/26/2019	<0.0046	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0048	J		<0.0065	U	
		VMP-41-10-102819	10/28/2019	0.0024	J		<0.02	U		0.0092	J		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U	
		VMP-41-10-012420	1/24/2020	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.013	U		<0.0064	U	
		VMP-41-10-042320	4/23/2020	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0033	J		<0.0058	U	
	20 ft	VMP-41-20-072619	7/26/2019	<0.0047	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0042	J		<0.0065	U	
		VMP-41-20-072619-DUP	7/26/2019	<0.0051	U		<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U		0.0045	J		<0.0071	U	
		VMP-41-20-102819	10/28/2019	<0.0045	U		<0.021	U		0.0066	J		<0.0062	U		<0.0052	U		<0.018	U		0.0055	J		<0.0062	U	
		VMP-41-20-012420	1/24/2020	<0.0048	U		<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		<0.013	U		<0.0067	U	
		VMP-41-20-042320	4/23/2020	0.0073			<0.022	U		0.012	J		<0.0067	U		<0.0056	U		<0.02	U		0.004	J		<0.0067	U	
	26 ft	VMP-41-26-012420	1/24/2020	<0.0052	U		<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U		<0.014	U		<0.0072	U	
		VMP-41-26-012420-DUP	1/24/2020	<0.005	U		<0.023	U		0.0066	J		<0.007	U		<0.0058	U		<0.02	U		0.029			<0.007	U	
		VMP-41-26-042320	4/23/2020	<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U		0.0044	J		<0.007	U	
VMP-55	20 ft	VMP-55-20-073019	7/30/2019	<0.029	U		<0.14	U		0.082	J		<0.04	U		<0.034	U		0.035	J		<0.081	U		<0.04	U	
		VMP-55-20-012820	1/28/2020	<0.1	U		<0.49	U		22			<0.14	U		<0.12	U		0.056	J		<0.29	U		<0.15	U	
		VMP-55-20-042820	4/28/2020	<0.024	U		<0.11	U		<0.082	U		<0.034	U		<0.028	U		0.032	J		<0.068	U		<0.034	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)			Trichloroethene		
				8500						4						40000			25			41000			12		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-072619	7/26/2019	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0 0071	U		<0.007	U	
		VMP-10-5-102519	10/25/2019	<0.0055	U		<0.0088	U		0.0018	J		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.0069	U	
		VMP-10-5-012420	1/24/2020	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.043	U		<0 0078	U		<0.0077	U	
		VMP-10-5-042320	4/23/2020	0.00055	J		<0.0085	U		<0.0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0 0068	U		<0.0067	U	
	10 ft	VMP-10-10-072619	7/26/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0 0068	U		<0.0067	U	
		VMP-10-10-102519	10/25/2019	<0.0058	U		<0.0094	U		0.0043	J		<0.004	U		<0.0052	U		<0.041	U		<0 0075	U		<0.0074	U	
		VMP-10-10-012420	1/24/2020	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0 0065	U		<0.0064	U	
		VMP-10-10-042320	4/23/2020	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0011	J		<0.04	U		<0 0074	U		<0.0073	U	
	20 ft	VMP-10-20-072619	7/26/2019	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.043	U		<0 0078	U		<0.0077	U	
		VMP-10-20-102519	10/25/2019	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0 0074	U		<0.0073	U	
		VMP-10-20-012420	1/24/2020	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0 0071	U		<0.007	U	
		VMP-10-20-042320	4/23/2020	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0 0067	U		<0.0066	U	
VMP-11	5 ft	VMP-11-5-073119	7/31/2019	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.0017	J		<0.038	U		<0 0069	U		<0.0068	U	
		VMP-11-5-102519	10/25/2019	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0 0065	U		<0.0064	U	
		VMP-11-5-012920	1/29/2020	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0 0077	U		<0.0076	U	
		VMP-11-5-042720	4/27/2020	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0048	J		<0.038	U		<0.007	U		<0.0069	U	
	8 ft	VMP-11-8-073119	7/31/2019	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.035	U		<0 0064	U		<0.0063	U	
		VMP-11-8-102519	10/25/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0 0069	U		<0.0068	U	
		VMP-11-8-012920	1/29/2020	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.005	U		<0.04	U		<0 0073	U		<0.0072	U	
		VMP-11-8-042720	4/27/2020	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		0.0013	J		<0 0066	U		<0.0065	U	
	29 ft	VMP-11-29-073119	7/31/2019	<0.0049	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0 0063	U		<0.0062	U	
		VMP-11-29-102519	10/25/2019	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0 0074	U		<0.0072	U	
		VMP-11-29-012920	1/29/2020	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0 0076	U		<0.0075	U	
		VMP-11-29-042720	4/27/2020	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0044	J		0.0013	J		<0 0072	U		0.00087	J	
		VMP-11-29-042720-DUP	4/27/2020	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0022	J		<0.036	U		<0 0066	U		<0.0065	U	
	38 ft	VMP-11-38-073119	7/31/2019	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0 0065	U		<0.0064	U	
		VMP-11-38-102519	10/25/2019	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0 0066	U		<0.0065	U	
		VMP-11-38-012920	1/29/2020	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0 0075	U		<0.0074	U	
		VMP-11-38-042720	4/27/2020	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0 0065	U		<0.0064	U	
VMP-12	5 ft	VMP-12-5-072419	7/24/2019	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.075			<0.039	U		<0 0072	U		<0.0071	U	
		VMP-12-5-102219	10/22/2019	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0 0079	U		<0.0078	U	
		VMP-12-5-102219-DUP	10/22/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.00076	J		<0.037	U		<0 0069	U		<0.0068	U	
		VMP-12-5-012920	1/29/2020	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0 0075	U		<0.0074	U	
		VMP-12-5-042920	4/29/2020	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0 0065	U		<0.0064	U	
	11.5 ft	VMP-12-11.5-072419	7/24/2019	<0.0054	U		<0.0087	U		0.0015	J		<0.0037	U		0.00094	J		<0.038	U		<0 0069	U		<0.0068	U	
		VMP-12-11.5-102219	10/22/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0 0067	U		<0.0066	U	
		VMP-12-11.5-012920	1/29/2020	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0 0067	U		<0.0066	U	
		VMP-12-11.5-042920	4/29/2020	<0.0049	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0 0063	U		<0.0062	U	
	25 ft	VMP-12-25-072419	7/24/2019	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.0015	J		<0.039	U		<0 0072	U		<0.0071	U	
		VMP-12-25-102219	10/22/2019	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0 0069	U		<0.0068	U	
		VMP-12-25-012920	1/29/2020	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0 0071	U		<0.007	U	
		VMP-12-25-012920-DUP	1/29/2020	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0 0065	U		<0.0064	U	
		VMP-12-25-042920	4/29/2020	<0.0047	U		<0.0076	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0 0061	U		<0.006	U	
VMP-13	5 ft	VMP-13-5-073119	7/31/2019	<0.0051	U		<0.0082	U		0.0048	J		<0.0035	U		0.0045			<0.036	U		<0 0065	U		<0.0064	U	
		VMP-13-5-102819	10/28/2019	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0 0071	U		0.0027	J	
		VMP-13-5-012420	1/24/2020	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0 0078	U		<0.0077	U	
		VMP-13-5-012420-DUP	1/24/2020	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0 0078	U		<0.0077	U	
		VMP-13-5-042320	4/23/2020	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0 0066	U		<0.0065	U	
	10.5 ft	VMP-13-10.5-073119	7/31/2019	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0 0067	U		<0.0066	U	
		VMP-13-10.5-102819	10/28/2019	<0.0054	U		<0.0088	U		0.0026	J		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.0069	U	
		VMP-13-10.5-012420	1/24/2020	<0.0063	U		<0.01	U		<0 01	U		<0.0043	U		<0.0055	U		<0.044	U		<0.008	U		<0.0079	U	
		VMP-13-10.5-042320	4/23/2020	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0 0065	U		<0.0064	U	
	21.5 ft	VMP-13-21.5-073119	7/31/2019	<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-13-21.5-102819	10/28/2019	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0 0072	U		<0.0071	U	
		VMP-13-21.5-012420	1/24/2020	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0 0075	U		<0.0074	U	
		VMP-13-21.5-042320	4/23/2020	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0 0064	U		<0.0063	U	
	29.5 ft	VMP-13-29.5-102819	10/28/2019	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0058			<0.036	U		<0 0066	U		0.13		
		VMP-13-29.5-042320	4/23/2020	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.0013	J		<0.039	U		<0 0072	U		<0.0071	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)			Trichloroethene		
				8500						4						40000			25			41000			12		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-14	5 ft	VMP-14-5-073019	7/30/2019	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.0041	J		<0.038	U		<0 0069	U		<0.0068	U	
		VMP-14-5-073019-DUP	7/30/2019	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0 0068	U		<0.0067	U	
		VMP-14-5-102819	10/28/2019	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.0069	U	
		VMP-14-5-012820	1/28/2020	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0 0079	U		<0.0078	U	
		VMP-14-5-042320	4/23/2020	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0 0063	U		<0.0062	U	
	11.5 ft	VMP-14-11.5-073019	7/30/2019	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0 0068	U		<0.0067	U	
		VMP-14-11.5-102819	10/28/2019	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0 0077	U		<0.0076	U	
		VMP-14-11.5-012820	1/28/2020	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		0.017			<0.038	U		<0.007	U		<0.0069	U	
		VMP-14-11.5-042320	4/23/2020	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.0066			<0.035	U		<0 0065	U		<0.0064	U	
	20 ft	VMP-14-20-073019	7/30/2019	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.0069	U	
		VMP-14-20-102819	10/28/2019	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0 0075	U		<0.0074	U	
		VMP-14-20-042320	4/23/2020	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0 0072	U		<0.0071	U	
VMP-15	5 ft	VMP-15-5-073019	7/30/2019	<0.0053	U		0.0025	J		<0.0084	U		<0.0036	U		0.0044	J		<0.037	U		0.0017	J		<0.0066	U	
		VMP-15-5-073019-DUP	7/30/2019	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0 0066	U		<0.0065	U	
		VMP-15-5-102219	10/22/2019	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0 0066	U		<0.0065	U	
		VMP-15-5-012820	1/28/2020	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0 0078	U		<0.0076	U	
		VMP-15-5-042820	4/28/2020	<0.0057	U		<0.0091	U		0.16			<0.0039	U		<0.005	U		<0.039	U		<0 0072	U		<0.0071	U	
	21.5 ft	VMP-15-21.5-073019	7/30/2019	<0.038	U		<0.062	U		<0.061	U		<0.026	U		<0.034	U		<0.27	U		<0.049	U		<0.048	U	
		VMP-15-21.5-102219	10/22/2019	<0.052	U		<0.084	U		<0.083	U		<0.036	U		<0.046	U		<0.36	U		<0.067	U		<0.066	U	
		VMP-15-21.5-012820	1/28/2020	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0054	U		<0.042	U		<0 0077	U		<0.0076	U	
		VMP-15-21.5-042820	4/28/2020	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0 0077	U		<0.0076	U	
	25.5 ft	VMP-15-25.5-012820	1/28/2020	<0.014	U		<0.023	U		<0.023	U		<0.01	U		<0.013	U		<0.1	U		<0.019	U		<0.018	U	
		VMP-15-25.5-042820	4/28/2020	<0.077	U		<0.12	U		<0.12	U		<0.053	U		<0.068	U		<0.53	U		<0.098	U		<0.097	U	
VMP-16	5 ft	VMP-16-5-072419	7/24/2019	<0.0054	U		<0.0086	U		0.0028	J		<0.0037	U		<0.0047	U		<0.037	U		<0 0069	U		<0.0068	U	
		VMP-16-5-102219	10/22/2019	<0.0059	U		<0.0095	U	UJ	<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0 0075	U		<0.0074	U	
		VMP-16-5-012920	1/29/2020	<0.0053	U		<0.0086	U		0.0017	J		<0.0037	U		<0.0047	U		<0.037	U		<0 0068	U		<0.0067	U	
		VMP-16-5-012920-DUP	1/29/2020	<0.0052	U		<0.0083	U		0.0013	J		<0.0036	U		<0.0046	U		<0.036	U		<0 0066	U		<0.0065	U	
		VMP-16-5-042920	4/29/2020	<0.0047	U		<0.0076	U		0.0029	J		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.0059	U	
	13.5 ft	VMP-16-13.5-072419	7/24/2019	<1.5	U		<2.4	U		<2.4	U		<1	U		0.67	J		<10	U		<1.9	U		<1.9	U	
		VMP-16-13.5-102219	10/22/2019	<0.72	U		<1.2	U		<1.1	U		<0.5	U		0.23	J		<5	U		<0.92	U		<0.91	U	
		VMP-16-13.5-012920	1/29/2020	<0.68	U		<1.1	U		<1.1	U		<0.47	U		<0.6	U		<4.8	U		<0.88	U		<0.86	U	
		VMP-16-13.5-042920	4/29/2020	<0.37	U		<0.59	U		<0 59	U		<0.26	U		<0.32	U		<2.6	U		<0.47	U		<0.46	U	
	19 ft	VMP-16-19-072419	7/24/2019	<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-16-19-102219	10/22/2019	<2.9	U		<4.7	U		<4.7	U		<2	U		<2.6	U		<20	U		<3.8	U		<3.7	U	
		VMP-16-19-012920	1/29/2020	<1.3	U		<2.1	U		<2.1	U		<0.91	U		<1.2	U		<9.2	U		<1.7	U		<1.7	U	
		VMP-16-19-042920	4/29/2020	<0.83	U		<1.3	U		<1 3	U		<0.57	U		<0.73	U		<5.8	U		<1	U		<1	U	
	31 ft	VMP-16-31-072419	7/24/2019	<1.4	U		<2.2	U		<2 2	U		<0.95	U		<1.2	U		<9.6	U		<1.8	U		<1.7	U	
		VMP-16-31-072419-DUP	7/24/2019	<1.3	U		<2.1	U		<2.1	U		<0.91	U		<1.2	U		<9.2	U		<1.7	U		<1.7	U	
		VMP-16-31-102219	10/22/2019	<2.8	U		<4.5	U		<4.4	U		<1.9	U		<2.4	U		<19	U		<3.5	U		<3.5	U	
		VMP-16-31-012920	1/29/2020	<1.3	U		<2.1	U		<2.1	U		<0.92	U		<1.2	U		<9.2	U		<1.7	U		<1.7	U	
		VMP-16-31-042920	4/29/2020	<1.3	U		<2.1	U		<2.1	U		<0.91	U		<1.2	U		<9.2	U		<1.7	U		<1.7	U	
VMP-17	5 ft	VMP-17-5-073119	7/31/2019	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0 0066	U		<0.0065	U	
		VMP-17-5-102119	10/21/2019	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.0069	U	
		VMP-17-5-012220	1/22/2020	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.001	J		<0.041	U		<0 0076	U		<0.0074	U	
		VMP-17-5-042820	4/28/2020	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0 0077	U		<0.0076	U	
VMP-25	5 ft	VMP-25-5-072519	7/25/2019	<0.0055	U		<0.0088	U		0 56		J	<0.0038	U		0.0013	J		<0.038	U		<0.007	U		<0.0069	U	
		VMP-25-5-072519-DUP	7/25/2019	<0.0052	U		<0.0084	U		0.013		J	<0.0036	U		0.0017	J		<0.036	U		<0 0067	U		<0.0066	U	
		VMP-25-5-102819	10/28/2019	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0 0069	U		<0.0068	U	
		VMP-25-5-102819-DUP	10/28/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0 0068	U		<0.0067	U	
		VMP-25-5-012820	1/28/2020	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0036	J		<0.036	U		<0 0066	U		<0.0066	U	
		VMP-25-5-012820-DUP	1/28/2020	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.013			<0.038	U		<0 0069	U		<0.0068	U	
		VMP-25-5-042320	4/23/2020	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		0.0012	J		<0.043	U		<0 0079	U		<0.0078	U	
		VMP-25-5-042320-DUP	4/23/2020	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0017	J		<0.038	U		<0 0071	U		<0.007	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	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			Trichloroethene		
				8500						4						40000			25			41000			12		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-29	10 ft	VMP-29-10-073119	7/31/2019	<0.0052	U		<0.0084	U		<0.0083	U		0.01			0.0021	J		<0.036	U		<0 0066	U		0.0098		
		VMP-29-10-102519	10/25/2019	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0 0072	U		<0.0071	U	
		VMP-29-10-012420	1/24/2020	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0 0072	U		<0.0071	U	
		VMP-29-10-042320	4/23/2020	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.0012	J		0.0059	J		<0 0064	U		<0.0063	U	
	18 ft	VMP-29-18-073119	7/31/2019	<0.009	U		<0.014	U		<0.014	U		0.64			<0.008	U		<0.063	U		<0.012	U		<0.011	U	
		VMP-29-18-102519	10/25/2019	<0.0056	U		<0.009	U		<0.0089	U		0.33			0.00069	J		<0.039	U		<0 0071	U		<0.007	U	
		VMP-29-18-012420	1/24/2020	<0.0064	U		<0.01	U		<0 01	U		0.063			<0.0057	U		<0.045	U		<0 0083	U		<0.0081	U	
		VMP-29-18-042320	4/23/2020	<0.0047	U		<0.0076	U		<0.0076	U		0.039			<0.0042	U		<0.033	U		<0 0061	U		<0.006	U	
	26 ft	VMP-29-26-073119	7/31/2019	<0.021	U		<0.034	U		<0.034	U		3.8			<0.019	U		<0.15	U		<0.027	U		<0.027	U	
		VMP-29-26-102519	10/25/2019	<0.0057	U		<0.0092	U		<0.009	U		1			<0.005	U		<0.04	U		<0 0073	U		<0.0072	U	
		VMP-29-26-012420	1/24/2020	<0.0061	U		<0.0098	U		<0.0097	U		0.21			0.013			<0.042	U		<0 0078	U		<0.0076	U	
		VMP-29-26-042320	4/23/2020	<0.0052	U		<0.0083	U		<0.0082	U		0.022			<0.0046	U		<0.036	U		<0 0066	U		<0.0065	U	
		VMP-29-26-042320-DUP	4/23/2020	<0.0052	U		0.0023	J		<0.0082	U		0.021			<0.0046	U		<0.036	U		<0 0066	U		<0.0065	U	
VMP-30	10 ft	VMP-30-10-073119	7/31/2019	<0.0052	U		<0.0083	U		<0.0082	U		0.11			0.0021	J		<0.036	U		<0 0066	U		<0.0065	U	
		VMP-30-10-102519	10/25/2019	<0.0053	U		<0.0085	U		<0.0084	J	U	0.014			<0.0047	U		<0.037	U		<0 0068	U		<0.0067	U	
		VMP-30-10-012420	1/24/2020	<0.0054	U		<0.0087	U		<0.0086	U		0.03			0.00054	J		<0.038	U		<0 0069	U		<0.0068	U	
		VMP-30-10-042320	4/23/2020	<0.0051	U		<0.0082	U		<0.0081	U		0.056			<0.0045	U		<0.035	U		<0 0065	U		<0.0064	U	
	18 ft	VMP-30-18-073119	7/31/2019	<0.0053	U		<0.0086	U		<0.0085	U		0.16			0.0056			<0.037	U		<0 0068	U		<0.0067	U	
		VMP-30-18-102519	10/25/2019	<0.0054	U		<0.0087	U		<0.0086	U		0.026			0.0016	J		<0.038	U		<0 0069	U		<0.0068	U	
		VMP-30-18-012420	1/24/2020	<0.0063	U		<0.01	U		<0 01	U		0.026			0.00085	J		<0.044	U		<0 0081	U		<0.008	U	
		VMP-30-18-042320	4/23/2020	<0.0052	U		<0.0083	U		<0.0082	U		0.015			0.001	J		<0.036	U		<0 0066	U		<0.0065	U	
	26 ft	VMP-30-26-073119	7/31/2019	<0.0052	U		<0.0084	U		<0.0083	U		0.094			0.012			<0.036	U		<0 0067	U		<0.0066	U	
		VMP-30-26-102519	10/25/2019	<0.0054	U		<0.0087	U		<0.0086	U		0.0074			0.003	J		<0.038	U		<0 0069	U		0.018		J
		VMP-30-26-102519-DUP	10/25/2019	<0.0056	U		<0.009	U		<0.0089	U		0.007			0.0042	J		<0.039	U		<0 0071	U		0.0018	J	J
		VMP-30-26-012420	1/24/2020	<0.0059	U		<0.0095	U		<0.0094	U		0.043			<0.0052	U		<0.041	U		<0 0076	U		<0.0075	U	
		VMP-30-26-042320	4/23/2020	<0.0048	U		<0.0077	U		<0.0076	U		0.022			<0.0042	U		<0.033	U		<0 0061	U		<0.006	U	
VMP-41	10 ft	VMP-41-10-072619	7/26/2019	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	U		<0 0072	U		<0.0071	U	
		VMP-41-10-102819	10/28/2019	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0 0068	U		<0.0067	U	
		VMP-41-10-012420	1/24/2020	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0 0071	U		<0.007	U	
		VMP-41-10-042320	4/23/2020	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0 0065	U		<0.0064	U	
	20 ft	VMP-41-20-072619	7/26/2019	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.00057	J		<0.039	U		<0 0072	U		<0.0071	U	
		VMP-41-20-072619-DUP	7/26/2019	<0.0061	U		<0.0099	U		0 01			<0.0042	U		<0.0054	U		<0.043	U		<0 0078	U		<0.0077	U	
		VMP-41-20-102819	10/28/2019	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0 0069	U		<0.0068	U	
		VMP-41-20-012420	1/24/2020	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0 0074	U		<0.0073	U	
		VMP-41-20-042320	4/23/2020	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0 0074	U		<0.0073	U	
	26 ft	VMP-41-26-012420	1/24/2020	<0.0063	U		<0.01	U		<0 01	U		<0.0043	U		<0.0055	U		<0.044	U		<0.008	U		<0.0079	U	
		VMP-41-26-012420-DUP	1/24/2020	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0033	J		<0.042	U		<0 0077	U		<0.0076	U	
		VMP-41-26-042320	4/23/2020	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0 0077	U		<0.0076	U	
VMP-55	20 ft	VMP-55-20-073019	7/30/2019	<0.035	U		<0.057	U		<0.056	U		<0.024	U		0.042			<0.24	U		<0.045	U		<0.044	U	
		VMP-55-20-012820	1/28/2020	<0.13	U		<0.2	U		<0 2	U		<0.088	U		<0.11	U		<0.88	U		<0.16	U		<0.16	U	
		VMP-55-20-042820	4/28/2020	<0.03	U		<0.048	U		<0.047	U		<0.02	U		<0.026	U		<0.21	U		<0.038	U		<0.037	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				5600												4.8			580			790		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-072619	7/26/2019	0.00096	J		<0.0064	U		<0.0064	U		0.0051	J		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-10-5-102519	10/25/2019	<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-10-5-012420	1/24/2020	<0.0081	U		<0.007	U		<0 007	U		<0.0067	U		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-10-5-042320	4/23/2020	<0.007	U		0.0018	J		0.00071	J		0.027			<0.0032	U		<0.0054	U		<0.0054	U	
	10 ft	VMP-10-10-072619	7/26/2019	0.00066	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-10-10-102519	10/25/2019	<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-10-10-012420	1/24/2020	<0.0067	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-10-10-042320	4/23/2020	<0.0076	U		<0.0067	U		<0.0067	U		0.0081			<0.0035	U		<0.0059	U		<0.0059	U	
	20 ft	VMP-10-20-072619	7/26/2019	0.001	J		<0.007	U		<0 007	U		<0.0067	U		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-10-20-102519	10/25/2019	0.0014	J		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-10-20-012420	1/24/2020	<0.0073	U		<0.0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-10-20-042320	4/23/2020	<0.0069	U		<0.006	U		<0 006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
VMP-11	5 ft	VMP-11-5-073119	7/31/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-11-5-102519	10/25/2019	<0.0066	U		<0.0058	U		<0.0058	U		0.0013	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-11-5-012920	1/29/2020	<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-11-5-042720	4/27/2020	0.0011	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		0.0011	J		<0.0056	U	
	8 ft	VMP-11-8-073119	7/31/2019	<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-11-8-102519	10/25/2019	0.0012	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-11-8-012920	1/29/2020	<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-11-8-042720	4/27/2020	0.0011	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	29 ft	VMP-11-29-073119	7/31/2019	<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-11-29-102519	10/25/2019	<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-11-29-012920	1/29/2020	<0.0079	U		<0.0069	U		<0.0069	U		<0.0065	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-11-29-042720	4/27/2020	0.0013	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		0.0027	J		0.00094	J	
		VMP-11-29-042720-DUP	4/27/2020	0.001	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	38 ft	VMP-11-38-073119	7/31/2019	<0.0067	U		<0.0059	U		<0.0059	U		0.0038	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-11-38-102519	10/25/2019	<0.0068	U		<0.0059	U		<0.0059	U		0.0022	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-11-38-012920	1/29/2020	<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-11-38-042720	4/27/2020	0.001	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
VMP-12	5 ft	VMP-12-5-072419	7/24/2019	0.00083	J		0.0014	J		<0.0065	U		0.065			<0.0034	U		0.06			0.021		
		VMP-12-5-102219	10/22/2019	0.002	J		<0.0071	U		<0.0071	U		0.0028	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-12-5-102219-DUP	10/22/2019	0.0018	J		<0.0062	U		<0.0062	U		0.0059			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-12-5-012920	1/29/2020	<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-12-5-042920	4/29/2020	<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
	11.5 ft	VMP-12-11.5-072419	7/24/2019	0.00096	J		0.0019	J		0.00099	J		0.0016	J		<0.0032	U		0.00098	J		<0.0055	U	
		VMP-12-11.5-102219	10/22/2019	0.00095	J		<0.0061	U		<0.0061	U		0.018			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-12-11.5-012920	1/29/2020	<0.0069	U		<0.006	U		<0 006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-12-11.5-042920	4/29/2020	<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
	25 ft	VMP-12-25-072419	7/24/2019	0.0012	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-12-25-102219	10/22/2019	0.0018	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-12-25-012920	1/29/2020	<0.0073	U		<0.0064	U		<0.0064	U		0.84			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-12-25-012920-DUP	1/29/2020	<0.0067	U		<0.0059	U		<0.0059	U		0.82			<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-12-25-042920	4/29/2020	<0.0063	U		<0.0055	U		<0.0055	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
VMP-13	5 ft	VMP-13-5-073119	7/31/2019	<0.0067	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		0.0045	J		<0.0052	U	
		VMP-13-5-102819	10/28/2019	0.0016	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-13-5-012420	1/24/2020	<0.008	U		<0.007	U		<0 007	U		<0.0067	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-13-5-012420-DUP	1/24/2020	<0.008	U		<0.007	U		<0 007	U		<0.0067	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-13-5-042320	4/23/2020	0.0011	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	10.5 ft	VMP-13-10.5-073119	7/31/2019	<0.0069	U		<0.006	U		<0 006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-13-10.5-102819	10/28/2019	0.0018	J		<0.0063	U		<0.0063	U		0.0015	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-13-10.5-012420	1/24/2020	<0.0082	U		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-13-10.5-042320	4/23/2020	0.0014	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
	21.5 ft	VMP-13-21.5-073119	7/31/2019	<0.0068	U		<0.006	U		<0 006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-13-21.5-102819	10/28/2019	0.0018	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-13-21.5-012420	1/24/2020	<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-13-21.5-042320	4/23/2020	0.0013	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
	29.5 ft	VMP-13-29.5-102819	10/28/2019	0.0019	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		0.0052			0.0022	J	
		VMP-13-29.5-042320	4/23/2020	<0.0074	U		<0.0065	U		<0.0065	U		0.0012	J		<0.0034	U		<0.0057	U		<0.0057	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	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				5600												4.8			580			790		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-14	5 ft	VMP-14-5-073019	7/30/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		0.0017	J		<0.0055	U	
		VMP-14-5-073019-DUP	7/30/2019	<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-14-5-102819	10/28/2019	0.0017	J		<0.0063	U		<0.0063	U		0.0017	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-14-5-012820	1/28/2020	<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-14-5-042320	4/23/2020	<0.0065	U		<0.0056	U		<0.0056	U		<0.0054	U		<0.0029	U		<0.005	U		<0.005	U	
	11.5 ft	VMP-14-11.5-073019	7/30/2019	<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-14-11.5-102819	10/28/2019	0.0029	J		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-14-11.5-012820	1/28/2020	<0.0072	U		<0.0063	U		<0.0063	U		0.011			<0.0033	U		0 016			0.006		
		VMP-14-11.5-042320	4/23/2020	0.0012	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
	20 ft	VMP-14-20-073019	7/30/2019	0.0019	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-14-20-102819	10/28/2019	<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-14-20-042320	4/23/2020	<0.0074	U		<0.0065	U		<0.0065	U		0.0016	J		<0.0034	U		0.0061			0.0015	J	
VMP-15	5 ft	VMP-15-5-073019	7/30/2019	0.0032	J		<0.0061	U		<0.0061	U		0.0017	J		<0.0032	U		0.0016	J		<0.0054	U	
		VMP-15-5-073019-DUP	7/30/2019	0.0016	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-15-5-102219	10/22/2019	0.0022	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-15-5-012820	1/28/2020	<0.008	U		<0.007	U		<0 007	U		<0.0066	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-15-5-042820	4/28/2020	<0.0075	U		<0.0065	U		<0.0065	U		0.0045	J		<0.0034	U		<0.0058	U		<0.0058	U	
	21.5 ft	VMP-15-21.5-073019	7/30/2019	<0.05	U		<0.044	U		<0 044	U		27			<0.023	U		<0.039	U		<0.039	U	
		VMP-15-21.5-102219	10/22/2019	<0.069	U		<0.06	U		<0.06	U		13			<0.031	U		<0.053	U		<0.053	U	
		VMP-15-21.5-012820	1/28/2020	<0.008	U		<0.007	U		<0 007	U		0.32			<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-15-21.5-042820	4/28/2020	<0.0079	U		<0.0069	U		<0.0069	U		3.7			<0.0036	U		<0.0061	U		<0.0061	U	
	25.5 ft	VMP-15-25.5-012820	1/28/2020	<0.019	U		<0.017	U		<0 017	U		7.9			<0.0087	U		<0.015	U		<0.015	U	
		VMP-15-25.5-042820	4/28/2020	<0.1	U		<0.088	U		<0 088	U		20			<0.046	U		<0.078	U		<0.078	U	
VMP-16	5 ft	VMP-16-5-072419	7/24/2019	0.0021	J		<0.0062	U		<0.0062	U		0.0068			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-16-5-102219	10/22/2019	<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-16-5-012920	1/29/2020	<0.007	U		<0.0061	U		<0.0061	U		0.0045	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-16-5-012920-DUP	1/29/2020	<0.0068	U		<0.0059	U		<0.0059	U		0.0032	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-16-5-042920	4/29/2020	0.00096	J		<0.0054	U		<0.0054	U		0.00052	J		<0.0028	U		<0.0048	U		<0.0048	U	
	13.5 ft	VMP-16-13.5-072419	7/24/2019	<2	U		<1.7	U		<1.7	U		2000			<0.9	U		0.46	J		<1.5	U	
		VMP-16-13.5-102219	10/22/2019	<0.95	U		<0.83	U		<0.83	U		910			<0.43	U		0.2	J		<0.73	U	
		VMP-16-13.5-012920	1/29/2020	<0.9	U		0.44	J	J	<0.79	U		1400		J	<0.41	U		<0.7	U		<0.7	U	
		VMP-16-13.5-042920	4/29/2020	<0.49	U		<0.42	U		<0.42	U		790		J	<0.22	U		<0 38	U		<0.38	U	
	19 ft	VMP-16-19-072419	7/24/2019	<1.8	U		32			4			1700			<0.81	U		2.1			0.6	J	
		VMP-16-19-102219	10/22/2019	<3.9	U		34			5.2			2200			<1.8	U		2.3	J		<3	U	
		VMP-16-19-012920	1/29/2020	<1.7	U		9.2			<1.5	U		2000			<0.79	U		0.88	J		<1.3	U	
		VMP-16-19-042920	4/29/2020	<1.1	U		12		J	2.1		J	1800		J	<0.5	U		0.71	J	J	0.33	J	J
	31 ft	VMP-16-31-072419	7/24/2019	<1.8	U		8.5			<1.6	U		1700			<0.82	U		0.5	J		<1.4	U	
		VMP-16-31-072419-DUP	7/24/2019	<1.7	U		8.2			<1.5	U		1600			<0.79	U		0.52	J		<1.3	U	
		VMP-16-31-102219	10/22/2019	<3.6	U		5.6			<3.2	U		2100			<1.7	U		0.91	J		<2.8	U	
		VMP-16-31-012920	1/29/2020	<1.7	U		1.8		J	<1.5	U		2200		J	<0.79	U		<1.4	U		<1.4	U	
		VMP-16-31-042920	4/29/2020	<1.7	U		6.3		J	<1.5	U		2100		J	<0.79	U		<1.3	U		0.25	J	J
VMP-17	5 ft	VMP-17-5-073119	7/31/2019	<0.0068	U		<0.006	U		<0 006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-17-5-102119	10/21/2019	0.0011	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-17-5-012220	1/22/2020	<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-17-5-042820	4/28/2020	<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
VMP-25	5 ft	VMP-25-5-072519	7/25/2019	<0.0072	U		<0.0063	U		<0.0063	U		0.0065			<0.0033	U		0.00077	J		<0.0056	U	
		VMP-25-5-072519-DUP	7/25/2019	<0.0069	U		<0.006	U		<0 006	U		0.0079			<0.0031	U		0.0014	J		<0.0053	U	
		VMP-25-5-102819	10/28/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-25-5-102819-DUP	10/28/2019	<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-25-5-012820	1/28/2020	<0.0068	U		<0.006	U		<0 006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-25-5-012820-DUP	1/28/2020	<0.0071	U		<0.0062	U		<0.0062	U		0.01			<0.0032	U		0 011			0.0037	J	
		VMP-25-5-042320	4/23/2020	<0.0081	U		<0.0071	U		<0.0071	U		0.14			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-25-5-042320-DUP	4/23/2020	<0.0073	U		<0.0064	U		<0.0064	U		0.11			<0.0033	U		<0.0056	U		<0.0056	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				5600												4.8			580			790		
				Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
VMP-29	10 ft	VMP-29-10-073119	7/31/2019	<0.0068	U		<0.006	U		<0 006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-29-10-102519	10/25/2019	<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-29-10-012420	1/24/2020	<0.0075	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-29-10-042320	4/23/2020	0.0016	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
	18 ft	VMP-29-18-073119	7/31/2019	<0.012	U		<0.01	U		<0.01	U		<0.0098	U		<0.0054	U		<0.0092	U		<0.0092	U	
		VMP-29-18-102519	10/25/2019	<0.0074	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-29-18-012420	1/24/2020	<0.0085	U		<0.0074	U		<0.0074	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-29-18-042320	4/23/2020	0.0011	J		<0.0055	U		<0.0055	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
	26 ft	VMP-29-26-073119	7/31/2019	<0.028	U		<0.024	U		<0 024	U		0.016	J		<0.013	U		<0.022	U		<0.022	U	
		VMP-29-26-102519	10/25/2019	<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-29-26-012420	1/24/2020	<0.008	U		<0.007	U		<0 007	U		0.011			<0.0036	U		0 011			0.0029	J	
		VMP-29-26-042320	4/23/2020	0.0012	J		<0.006	U		<0 006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-29-26-042320-DUP	4/23/2020	0.0015	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
VMP-30	10 ft	VMP-30-10-073119	7/31/2019	<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-30-10-102519	10/25/2019	0.0015	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-30-10-012420	1/24/2020	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-30-10-042320	4/23/2020	<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
	18 ft	VMP-30-18-073119	7/31/2019	<0.007	U		0.0078			<0.0061	U		0.012			<0.0032	U		0.0052	J		0.0026	J	
		VMP-30-18-102519	10/25/2019	0.0013	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		0.00082	J		<0.0055	U	
		VMP-30-18-012420	1/24/2020	<0.0083	U		<0.0073	U		<0.0073	U		0.0019	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-30-18-042320	4/23/2020	0.0012	J		<0.0059	U		<0.0059	U		0.0016	J		<0.0031	U		<0.0052	U		<0.0052	U	
	26 ft	VMP-30-26-073119	7/31/2019	<0.0069	U		<0.006	U		<0 006	U		<0.0057	U		<0.0031	U		0.0071			0.0023	J	
		VMP-30-26-102519	10/25/2019	0.0012	J		<0.0062	U		<0.0062	U		0.0027	J		<0.0032	U		0.0011	J		<0.0055	U	
		VMP-30-26-102519-DUP	10/25/2019	0.0014	J		<0.0064	U		<0.0064	U		0.0034	J		<0.0033	U		0.0016	J		<0.0057	U	
		VMP-30-26-012420	1/24/2020	<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-30-26-042320	4/23/2020	0.0013	J		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
VMP-41	10 ft	VMP-41-10-072619	7/26/2019	0.00091	J		<0.0065	U		<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-41-10-102819	10/28/2019	0.0017	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-41-10-012420	1/24/2020	<0.0073	U		<0.0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-41-10-042320	4/23/2020	<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
	20 ft	VMP-41-20-072619	7/26/2019	0.0011	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-41-20-072619-DUP	7/26/2019	0.0012	J		<0.0071	U		<0.0071	U		<0.0067	U		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-41-20-102819	10/28/2019	0.0021	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-41-20-012420	1/24/2020	<0.0076	U		<0.0067	U		<0.0067	U		<0.0063	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-41-20-042320	4/23/2020	<0.0076	U		<0.0067	U		<0.0067	U		<0.0063	U		<0.0035	U		<0.0059	U		<0.0059	U	
	26 ft	VMP-41-26-012420	1/24/2020	<0.0082	U		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-41-26-012420-DUP	1/24/2020	<0.008	U		<0.007	U		<0 007	U		<0.0066	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-41-26-042320	4/23/2020	<0.008	U		<0.007	U		<0 007	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
VMP-55	20 ft	VMP-55-20-073019	7/30/2019	<0.046	U		<0.04	U		<0.04	U		29			<0.021	U		<0.036	U		<0.036	U	
		VMP-55-20-012820	1/28/2020	<0.17	U		<0.14	U		<0.15	U		100		J	<0.076	U		<0.13	U		<0.13	U	
		VMP-55-20-042820	4/28/2020	<0.039	U		<0.034	U		<0 034	U		10			<0.018	U		<0 03	U		<0.03	U	

Notes:
Analytes shown were detected in at least one location on Table 5 or Table 6 during the current quarter or previous 3 quarters.
Yellow highlighted cells indicate readings that exceed residential screening criterion.
Blank cells in Result column indicate that analyte was not on target analyte list.

Lab Qualifiers
J = Estimated value; results between the MDL and RL
U = Compound analyzed for but not detected above the RL
CN = Indicates potential high bias due to use of Tedlar© bag for off-line dilution
ND,UJ = Non-detected compound associated with low bias in the continuing calibration verification (CCV)
J0 = Estimated value due to bias in the CCV

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

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-072319	7/23/2019	1.2			<0.027	U		<0.0027	U		<0.0027	U		0.019	J		<0.00027	U		80			19		
		VMP-1-5-102419	10/24/2019	0.1			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00013	J		80			20		
		VMP-1-5-012720	1/27/2020	0.14			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-1-5-042420	4/24/2020	0.23			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
	8.5 ft	VMP-1-8.5-072319	7/23/2019	1.1			<0.025	U		<0.0025	U		<0.0025	U		1.2			<0.00025	U		80			18		
		VMP-1-8.5-102419	10/24/2019	0.12			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00015	J		80			20		
		VMP-1-8.5-102419-DUP	10/24/2019	0.12			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00013	J		80			20		
		VMP-1-8.5-111519R	11/15/2019	0.17			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			21		
		VMP-1-8.5-012720	1/27/2020	0.15			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			20		
		VMP-1-8.5-042420	4/24/2020	0.22			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
	23.5 ft	VMP-1-23.5-072319	7/23/2019	1.1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			19		
		VMP-1-23.5-102419	10/24/2019	0.12			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00013	J		80			20		
		VMP-1-23.5-012720	1/27/2020	0.14			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			20		
		VMP-1-23.5-042420	4/24/2020	0.21			<0.024	U		<0.0024	U		<0.0024	U		0.011	J		<0.00024	U		79			21		
	38.5 ft	VMP-1-38.5-012720	1/27/2020	0.13			<0.026	U		<0.0026	U		<0.0026	U		0.16			<0.00026	U		80			20		
VMP-2	5 ft	VMP-2-5-072519	7/25/2019	4.8			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			16		
		VMP-2-5-102119	10/21/2019	3.1			<0.023	U		<0.0023	U		<0.0023	U		0.026	J		<0.00023	U		79			18		
		VMP-2-5-012420	1/24/2020	1.3			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
		VMP-2-5-042420	4/24/2020	1.5			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			20		
	8.5 ft	VMP-2-8.5-072519	7/25/2019	3.4			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		81			16		
		VMP-2-8.5-102119	10/21/2019	4.1			<0.024	U		<0.0024	U		<0.0024	U		0.0078	J		<0.00024	U		79			17		
		VMP-2-8.5-012420	1/24/2020	2.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-2-8.5-042420	4/24/2020	1.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
	22 ft	VMP-2-22-072519	7/25/2019	2.2			<0.024	U		<0.0024	U		<0.0024	U		1.7			0.000076	J		79			17		
		VMP-2-22-102119	10/21/2019	3.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			17		
		VMP-2-22-012420	1/24/2020	3.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			18		
		VMP-2-22-042420	4/24/2020	2.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-2-22-042420-DUP	4/24/2020	2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
VMP-3	5 ft	VMP-3-5-072519	7/25/2019	0.31			<0.025	U		<0.0025	U		<0.0025	U		0.015	J		0.00016	J		80			20		
		VMP-3-5-101819	10/18/2019	0.062			<0.025	U		<0.0025	U		<0.0025	U		0.26			0.00016	J		80			20		
		VMP-3-5-012720	1/27/2020	0.051			<0.034	U		<0.0034	U		<0.0034	U		0.05	J	J	<0.00034	U		80			20		
		VMP-3-5-012720-DUP	1/27/2020	0.047			<0.027	U		<0.0027	U		<0.0027	U		2.7		J	<0.00027	U		78			19		
		VMP-3-5-042920	4/29/2020	0.1			<0.027	U		<0.0027	U		<0.0027	U		0.099	J		0.00013	J		80			20		
	10 ft	VMP-3-10-072519	7/25/2019	0.5			<0.025	U		<0.0025	U		<0.0025	U		0.16			0.00016	J		80			19		
		VMP-3-10-072519-DUP	7/25/2019	0.5			<0.03	U		<0.003	U		<0.003	U		0.086	J		0.00015	J		80			19		
		VMP-3-10-101819	10/18/2019	0.12			<0.03	U		<0.003	U		<0.003	U		0.075	J		0.00013	J		80			20		
		VMP-3-10-022120	2/21/2020	0.47			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.0013			80			20		
	22 ft	VMP-3-22-072519	7/25/2019	1.4			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-3-22-101819	10/18/2019	0.56			<0.025	U		<0.0025	U		<0.0025	U		0.0071	J		0.000098	J		79			20		
		VMP-3-22-012720	1/27/2020	0.81			<0.026	U		<0.0026	U		<0.0026	U		0.0091	J		0.00095			81			18		
		VMP-3-22-042920	4/29/2020	0.53			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			20		
	31.5 ft	VMP-3-31.5-072519	7/25/2019	4.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00034			80			15		
		VMP-3-31.5-101819	10/18/2019	6			<0.025	U		0.0002	J		<0.0025	U		0.016	J		1.8			81			11		
		VMP-3-31.5-101819-DUP	10/18/2019	5.2			<0.025	U		0.00018	J		<0.0025	U		0.025	J		1.6			81			12		
		VMP-3-31.5-022120	2/21/2020	13			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.03			84			3.2		
		VMP-3-31.5-042920	4/29/2020	12		J	<0.026	U		0.00019	J	J	<0.0026	U		0.0077	J	J	1.2		J	79		J	7.3		J

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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-4-5-072519	7/25/2019	0.26			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-4-5-102119	10/21/2019	0.097			<0.024	U		<0.0024	U		<0.0024	U		0.0078	J		0.000074	J		80			20		
		VMP-4-5-012320	1/23/2020	0.096			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00048			79			21		
		VMP-4-5-042820	4/28/2020	0.14			<0.026	U		<0.0026	U		<0.0026	U		0.026	J		<0.00026	U		80			20		
	12 ft	VMP-4-12-072519	7/25/2019	0.35			<0.024	U		<0.0024	U		<0.0024	U		0.013	J		<0.00024	U		81			19		
		VMP-4-12-102119	10/21/2019	0.16			<0.025	U		<0.0025	U		<0.0025	U		0.018	J		0.000084	J		80			20		
		VMP-4-12-012320	1/23/2020	0.1			<0.025	U		<0.0025	U		<0.0025	U		0.0071	J		0.0007			79			21		
		VMP-4-12-042820	4/28/2020	0.26			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			21		
	23.5 ft	VMP-4-23.5-072519	7/25/2019	1			<0.025	U		<0.0025	U		<0.0025	U		0.018	J		0.00031			80			19		
		VMP-4-23.5-102119	10/21/2019	2.2			<0.024	U		<0.0024	U		<0.0024	U		0.083	J		0.0027			80			18		
		VMP-4-23.5-012320	1/23/2020	2.2			<0.027	U		<0.0027	U		<0.0027	U		0.008	J		<0.00027	U		79			19		
		VMP-4-23.5-042820	4/28/2020	1.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00018	J		79			19		
VMP-5	5 ft	VMP-5-5-072419	7/24/2019	0.079			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00013	J		80			20		
		VMP-5-5-072419-DUP	7/24/2019	0.08			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00019	J		80			20		
		VMP-5-5-102119	10/21/2019	0.084			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00016	J		80			20		
		VMP-5-5-012820	1/28/2020	0.076			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			20		
		VMP-5-5-042720	4/27/2020	0.05			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00018	J		79			21		
	12.5 ft	VMP-5-12.5-072419	7/24/2019	0.4			<0.025	U		<0.0025	U		<0.0025	U		0.014	J		<0.00025	U		80			20		
		VMP-5-12.5-102119	10/21/2019	0.28			<0.022	U		<0.0022	U		<0.0022	U		0.0082	J		<0.00022	U		80			20		
		VMP-5-12.5-012820	1/28/2020	0.25			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-5-12.5-042720	4/27/2020	0.12			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
	31 ft	VMP-5-31-072419	7/24/2019	1.3			<0.024	U		<0.0024	U		<0.0024	U		0.0043	J		<0.00024	U		80			19		
		VMP-5-31-102119	10/21/2019	1.3			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			19		
		VMP-5-31-012820	1/28/2020	0.83			<0.025	U		<0.0025	U		<0.0025	U		0.062	J		0.0016			79			20		
		VMP-5-31-042720	4/27/2020	0.74			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
VMP-6	5 ft	VMP-6-5-072219	7/22/2019	0.056			<0.028	U		<0.0028	U		<0.0028	U		0.56			0.00018	J		79			20		
		VMP-6-5-102519	10/25/2019	0.047			<0.024	U		<0.0024	U		<0.0024	U		0.071	J		0.00019	J		79			21		
		VMP-6-5-012320	1/23/2020	0.2			<0.029	U		<0.0029	U		<0.0029	U		0.01	J		<0.00029	U		80			20		
		VMP-6-5-042720	4/27/2020	0.058			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00017	J		79			21		
	10 ft	VMP-6-10-072219	7/22/2019	0.78			<0.025	U		<0.0025	U		<0.0025	U		0.79			<0.00025	U		79			19		
		VMP-6-10-102519	10/25/2019	0.32			<0.025	U		<0.0025	U		<0.0025	U		0.044	J		<0.00025	U		80			20		
		VMP-6-10-012320	1/23/2020	0.22			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-6-10-042720	4/27/2020	0.26			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
	31.5 ft	VMP-6-31.5-072219	7/22/2019	1.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0021			80			18		
		VMP-6-31.5-102519	10/25/2019	1.8			<0.025	U		<0.0025	U		<0.0025	U		0.1	J		0.00042			79			19		
		VMP-6-31.5-022120	2/21/2020	1.8			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.000091	J		79			19		
		VMP-6-31.5-042720	4/27/2020	1.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			20		
VMP-7	5 ft	VMP-7-5-072319	7/23/2019	0.11			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00014	J		81			19		
		VMP-7-5-072319-DUP	7/23/2019	0.12			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00014	J		80			20		
		VMP-7-5-102419	10/24/2019	0.062			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00014	J		79			21		
		VMP-7-5-012720	1/27/2020	0.06			<0.026	U		<0.0026	U		<0.0026	U		3.6			<0.00026	U		76			20		
		VMP-7-5-042720	4/27/2020	0.074			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00011	J		80			20		
	13.5 ft	VMP-7-13.5-072319	7/23/2019	0.28			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.000081	J		80			20		
		VMP-7-13.5-102419	10/24/2019	0.12			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.000079	J		80			20		
		VMP-7-13.5-012720	1/27/2020	0.1			<0.024	U		<0.0024	U		<0.0024	U		0.0079	J		<0.00024	U		79			21		
		VMP-7-13.5-042720	4/27/2020	0.14			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
	29.5 ft	VMP-7-29.5-072319	7/23/2019	2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			18		
		VMP-7-29.5-102419	10/24/2019	1.9			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			19		
		VMP-7-29.5-102419-DUP	10/24/2019	1.8			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			19		
		VMP-7-29.5-012720	1/27/2020	1.5			<0.025	U		<0.0025	U		<0.0025	U		0.02	J		<0.00025	U		78			20		
		VMP-7-29.5-012720-DUP	1/27/2020	1.5			<0.025	U		<0.0025	U		<0.0025	U		0.019	J		<0.00025	U		78			20		
		VMP-7-29.5-042720	4/27/2020	1.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		

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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-8	5 ft	VMP-8-5-072219	7/22/2019	0.77			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			19		
		VMP-8-5-101819	10/18/2019	2.3			<0.024	U		<0.0024	U		<0.0024	U		0.017	J		<0.00024	U		79			19		
		VMP-8-5-012220	1/22/2020	1.9			<0.028	U		<0.0028	U		<0.0028	U		0.008	J		<0.00028	U		80			18		
		VMP-8-5-012220-DUP	1/22/2020	1.8			<0.028	U		<0.0028	U		<0.0028	U		0.0094	J		<0.00028	U		80			18		
		VMP-8-5-042220	4/22/2020	1.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			20		
	9.5 ft	VMP-8-9.5-072219	7/22/2019	2.5			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			17		
		VMP-8-9.5-101819	10/18/2019	4			<0.024	U		<0.0024	U		<0.0024	U		1.3			<0.00024	U		78			17		
		VMP-8-9.5-012220	1/22/2020	2.5			<0.028	U		<0.0028	U		<0.0028	U		0.044	J		<0.00028	U		80			18		
		VMP-8-9.5-042220	4/22/2020	2.2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			19		
	23.5 ft	VMP-8-23.5-072219	7/22/2019	3.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			17		
		VMP-8-23.5-101819	10/18/2019	4.2			<0.025	U		<0.0025	U		<0.0025	U		0.0083	J		<0.00025	U		80			16		
		VMP-8-23.5-012220	1/22/2020	3.6			<0.027	U		<0.0027	U		<0.0027	U		0.0086	J		<0.00027	U		78			18		
		VMP-8-23.5-042220	4/22/2020	3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			18		
	35.5 ft	VMP-8-35.5-072219	7/22/2019	3.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			17		
		VMP-8-35.5-072219-DUP	7/22/2019	3.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			17		
		VMP-8-35.5-101819	10/18/2019	1			<0.024	U		<0.0024	U		<0.0024	U		0.12			0.00015	J		79			20		
		VMP-8-35.5-012220	1/22/2020	1.1			<0.027	U		<0.0027	U		<0.0027	U		0.0085	J		<0.00027	U		80			19		
		VMP-8-35.5-042220	4/22/2020	0.7			<0.026	U		<0.0026	U		<0.0026	U		0.048	J		<0.00026	U		79			20		
VMP-9	5 ft	VMP-9-5-071919	7/19/2019	0.36			<0.024	U		<0.0024	U		<0.0024	U		0.017	J		0.000093	J		80			20		
		VMP-9-5-102519	10/25/2019	0.14			<0.025	U		<0.0025	U		<0.0025	U		0.06	J		<0.00025	U		79			21		
		VMP-9-5-012220	1/22/2020	0.19			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-9-5-042220	4/22/2020	0.12			<0.025	U		<0.0025	U		<0.0025	U		0.086	J		0.000096	J		79			21		
	11.5 ft	VMP-9-11.5-071919	7/19/2019	0.85			<0.026	U		<0.0026	U		<0.0026	U		0.038	J		<0.00026	U		79			20		
		VMP-9-11.5-102519	10/25/2019	0.34			<0.026	U		<0.0026	U		<0.0026	U		0.0045	J		<0.00026	U		80			20		
		VMP-9-11.5-012220	1/22/2020	0.27			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			20		
		VMP-9-11.5-042220	4/22/2020	0.38			<0.026	U		<0.0026	U		<0.0026	U		0.043	J		<0.00026	U		79			21		
	25.5 ft	VMP-9-25.5-071919	7/19/2019	1.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-9-25.5-071919-DUP	7/19/2019	1.3			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			19		
		VMP-9-25.5-102519	10/25/2019	1.1			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-9-25.5-012220	1/22/2020	0.68			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-9-25.5-042220	4/22/2020	0.51			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
		VMP-9-25.5-042220-DUP	4/22/2020	0.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
VMP-10	5 ft	VMP-10-5-072619	7/26/2019	1.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
		VMP-10-5-102519	10/25/2019	0.52			<0.026	U		<0.0026	U		<0.0026	U		0.011	J		<0.00026	U		79			20		
		VMP-10-5-012420	1/24/2020	0.16			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			21		
		VMP-10-5-042320	4/23/2020	0.54			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			21		
	10 ft	VMP-10-10-072619	7/26/2019	1.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-10-10-102519	10/25/2019	0.86			<0.027	U		<0.0027	U		<0.0027	U		0.0052	J		<0.00027	U		79			20		
		VMP-10-10-012420	1/24/2020	0.26			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-10-10-042320	4/23/2020	0.5			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		78			21		
	20 ft	VMP-10-20-072619	7/26/2019	1.2			<0.029	U		<0.0029	U		<0.0029	U		0.0049	J		<0.00029	U		80			19		
		VMP-10-20-102519	10/25/2019	1.6			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		78			20		
		VMP-10-20-012420	1/24/2020	0.64			<0.026	U		<0.0026	U		<0.0026	U		0.0078	J		<0.00026	U		79			20		
		VMP-10-20-042320	4/23/2020	0.58			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	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-11	5 ft	VMP-11-5-073119	7/31/2019	2.3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			18		
		VMP-11-5-102519	10/25/2019	1.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-11-5-012920	1/29/2020	0.48			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-11-5-042720	4/27/2020	0.85			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00012	J		79			20		
	8 ft	VMP-11-8-073119	7/31/2019	2.4			<0.023	U		<0.0023	U		<0.0023	U		0.012	J		<0.00023	U		80			18		
		VMP-11-8-102519	10/25/2019	0.96			<0.025	U		<0.0025	U		<0.0025	U		0.0041	J		<0.00025	U		79			20		
		VMP-11-8-012920	1/29/2020	0.31			<0.027	U		<0.0027	U		<0.0027	U		0.013	J		<0.00027	U		80			20		
		VMP-11-8-042720	4/27/2020	0.81			<0.024	U		<0.0024	U		<0.0024	U		0.052	J		<0.00024	U		79			20		
	29 ft	VMP-11-29-073119	7/31/2019	1.6			<0.023	U		<0.0023	U		<0.0023	U		0.011	J		<0.00023	U		80			18		
		VMP-11-29-102519	10/25/2019	1.7			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			19		
		VMP-11-29-012920	1/29/2020	1.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-11-29-042720	4/27/2020	1.3			<0.026	U		<0.0026	U		<0.0026	U		0.013	J		<0.00026	U		79			20		
		VMP-11-29-042720-DUP	4/27/2020	1.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
	38 ft	VMP-11-38-073119	7/31/2019	1.7			<0.024	U		<0.0024	U		<0.0024	U		0.0047	J		<0.00024	U		79			19		
		VMP-11-38-102519	10/25/2019	0.84			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-11-38-012920	1/29/2020	0.37			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-11-38-042720	4/27/2020	0.73			<0.024	U		<0.0024	U		<0.0024	U		0.012	J		0.00016	J		78			21		
VMP-12	5 ft	VMP-12-5-072419	7/24/2019	0.071			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00019	J		80			20		
		VMP-12-5-102219	10/22/2019	0.054			<0.029	U		<0.0029	U		<0.0029	U		0.013	J		0.00014	J		80			20		
		VMP-12-5-102219-DUP	10/22/2019	0.055			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00021	J		80			20		
		VMP-12-5-012920	1/29/2020	0.038			<0.027	U		<0.0027	U		<0.0027	U		0.091	J		0.00012	J		81			19		
		VMP-12-5-042920	4/29/2020	0.13			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
	11.5 ft	VMP-12-11.5-072419	7/24/2019	0.13			<0.025	U		<0.0025	U		<0.0025	U		0.0044	J		0.00014	J		80			20		
		VMP-12-11.5-102219	10/22/2019	0.11			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-12-11.5-012920	1/29/2020	1.5			<0.024	U		<0.0024	U		<0.0024	U		0.0079	J		0.00061			82			16		
		VMP-12-11.5-042920	4/29/2020	0.37			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
	25 ft	VMP-12-25-072419	7/24/2019	1.4			<0.027	U		<0.0027	U		<0.0027	U		0.0048	J		0.00013	J		81			18		
		VMP-12-25-102219	10/22/2019	2.4			<0.025	U		<0.0025	U		<0.0025	U		0.025	J		0.00013	J		81			17		
		VMP-12-25-012920	1/29/2020	12			<0.026	U		<0.0026	U		<0.0026	U		0.03	J		0.02			85			2.5		
		VMP-12-25-012920-DUP	1/29/2020	12			<0.024	U		<0.0024	U		<0.0024	U		0.012	J		0.02			86			2.4		
		VMP-12-25-042920	4/29/2020	1.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			19		
VMP-13	5 ft	VMP-13-5-073119	7/31/2019	0.66			<0.024	U		<0.0024	U		<0.0024	U		0.005	J		<0.00024	U		80			19		
		VMP-13-5-102819	10/28/2019	0.56			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			21		
		VMP-13-5-012420	1/24/2020	0.24			<0.028	U		<0.0028	U		<0.0028	U		0.02	J		<0.00028	U		79			21		
		VMP-13-5-012420-DUP	1/24/2020	0.2			<0.028	U		<0.0028	U		<0.0028	U		0.056	J		<0.00028	U		79			21		
		VMP-13-5-042320	4/23/2020	0.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
	10.5 ft	VMP-13-10.5-073119	7/31/2019	0.5			<0.025	U		<0.0025	U		<0.0025	U		0.0051	J		0.00051			80			19		
		VMP-13-10.5-102819	10/28/2019	0.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-13-10.5-012420	1/24/2020	0.27			<0.029	U		<0.0029	U		<0.0029	U		0.14	J		<0.00029	U		79			21		
		VMP-13-10.5-042320	4/23/2020	0.22			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
	21.5 ft	VMP-13-21.5-073119	7/31/2019	0.14			<0.024	U		<0.0024	U		<0.0024	U		0.0058	J		<0.00024	U		80			20		
		VMP-13-21.5-102819	10/28/2019	0.58			<0.027	U		<0.0027	U		<0.0027	U		0.094	J		0.001			78			21		
		VMP-13-21.5-012420	1/24/2020	0.48			<0.027	U		<0.0027	U		<0.0027	U		0.033	J		<0.00027	U		80			20		
		VMP-13-21.5-042320	4/23/2020	0.34			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
	29.5 ft	VMP-13-29.5-102819	10/28/2019	0.98			<0.024	U		<0.0024	U		<0.0024	U		0.016	J		<0.00024	U		79			20		
		VMP-13-29.5-042320	4/23/2020	0.25			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			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-14	5 ft	VMP-14-5-073019	7/30/2019	0.83			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
		VMP-14-5-073019-DUP	7/30/2019	0.83			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-14-5-102819	10/28/2019	0.38			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-14-5-012820	1/28/2020	0.27			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			20		
		VMP-14-5-042320	4/23/2020	0.41			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			20		
	11.5 ft	VMP-14-11.5-073019	7/30/2019	0.83			<0.025	U		<0.0025	U		<0.0025	U		0.17			<0.00025	U		80			19		
		VMP-14-11.5-102819	10/28/2019	0.37			<0.028	U		<0.0028	U		<0.0028	U		0.045	J		<0.00028	U		79			21		
		VMP-14-11.5-012820	1/28/2020	0.26			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-14-11.5-042320	4/23/2020	0.4			<0.024	U		<0.0024	U		<0.0024	U		0.012	J		<0.00024	U		80			20		
	20 ft	VMP-14-20-073019	7/30/2019	9.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0003			81			9.3		
		VMP-14-20-102819	10/28/2019	8.3			<0.027	U		<0.0027	U		<0.0027	U		0.0069	J		0.00027	J		80			12		
		VMP-14-20-042320	4/23/2020	6.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00021	J		80			13		
VMP-15	5 ft	VMP-15-5-073019	7/30/2019	5			<0.025	U		<0.0025	U		<0.0025	U		0.016	J		<0.00025	U		83			12		
		VMP-15-5-073019-DUP	7/30/2019	4.9			<0.024	U		<0.0024	U		<0.0024	U		0.031	J		<0.00024	U		83			12		
		VMP-15-5-102219	10/22/2019	4.5			<0.024	U		<0.0024	U		<0.0024	U		0.024	J		<0.00024	U		80			16		
		VMP-15-5-012820	1/28/2020	1.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		82			17		
		VMP-15-5-042820	4/28/2020	1.4			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		81			18		
	21.5 ft	VMP-15-21.5-073019	7/30/2019	9.3			<0.027	U		0.00054	J		<0.0027	U		0.008	J		7.3			82			1.3		
		VMP-15-21.5-102219	10/22/2019	14			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		6.4			78			1.4		
		VMP-15-21.5-012820	1/28/2020	12			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.25			86			1.5		
		VMP-15-21.5-042820	4/28/2020	15			<0.028	U		<0.0028	U		<0.0028	U		0.015	J		3.3			80			1.7		
	25.5 ft	VMP-15-25.5-012820	1/28/2020	18			<0.027	U		0.00015	J		<0.0027	U		<0.14	U		0.65			80			1.4		
		VMP-15-25.5-042820	4/28/2020	19			<0.027	U		0.00077	J		<0.0027	U		<0.14	U		3.3			76			1.3		
VMP-16	5 ft	VMP-16-5-072419	7/24/2019	5.8			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.000075	J		79			15		
		VMP-16-5-102219	10/22/2019	2.7			<0.028	U		<0.0028	U		<0.0028	U		0.0066	J		<0.00028	U		79			18		
		VMP-16-5-012920	1/29/2020	6.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		84			10		
		VMP-16-5-012920-DUP	1/29/2020	6.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		84			10		
		VMP-16-5-042920	4/29/2020	4.2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			18		
	13.5 ft	VMP-16-13.5-072419	7/24/2019	13			<0.028	U		0.000074	J		<0.0028	U		<0.14	U		2.2			83			1.5		
		VMP-16-13.5-102219	10/22/2019	17			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.38			81			1.3		
		VMP-16-13.5-012920	1/29/2020	15			<0.026	U		0.00011	J		<0.0026	U		<0.13	U		5.6			78			1.3		
		VMP-16-13.5-042920	4/29/2020	16		J	<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.63		J	82		J	1.4		J
	19 ft	VMP-16-19-072419	7/24/2019	15			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		2.5			80			2		
		VMP-16-19-102219	10/22/2019	16			<0.028	U		0.0001	J		<0.0028	U		<0.14	U		5			77			1.4		
		VMP-16-19-012920	1/29/2020	16			<0.025	U		0.00015	J		<0.0025	U		<0.12	U		7			76			1.3		
		VMP-16-19-042920	4/29/2020	15		J	<0.023	U		0.00016	J	J	<0.0023	U		<0.12	U		5.4		J	78		J	1.7		J
	31 ft	VMP-16-31-072419	7/24/2019	16			<0.026	U		0.00016	J		<0.0026	U		<0.13	U		3.6			79			1.4		
		VMP-16-31-072419-DUP	7/24/2019	15			<0.025	U		0.00015	J		<0.0025	U		<0.12	U		3.5			80			1.4		
		VMP-16-31-102219	10/22/2019	17			<0.026	U		0.00017	J		<0.0026	U		<0.13	U		6.5			75			1.4		
		VMP-16-31-012920	1/29/2020	16			<0.025	U		0.00017	J		<0.0025	U		<0.12	U		8.4			74			1.2		
		VMP-16-31-042920	4/29/2020	15		J	<0.025	U		0.0002	J	J	<0.0025	U		<0.12	U		7		J	76		J	1.3		J
VMP-17	5 ft	VMP-17-5-073119	7/31/2019	1.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		
		VMP-17-5-102119	10/21/2019	0.56			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-17-5-012220	1/22/2020	0.14			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-17-5-042820	4/28/2020	0.57			<0.028	U		<0.0028	U		<0.0028	U		0.2	J		<0.00028	U		79			20		
VMP-18	8.5 ft	VMP-18-8.5-072619	7/26/2019	4.4			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			17		
		VMP-18-8.5-072619-DUP	7/26/2019	4.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			17		
		VMP-18-8.5-102319	10/23/2019	4.1			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			17		
		VMP-18-8.5-102319-DUP	10/23/2019	4.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			17		
		VMP-18-8.5-012420	1/24/2020	2			<0.03	U		<0.003	U		<0.003	U		0.0083	J		<0.0003	U		78			20		
		VMP-18-8.5-042920	4/29/2020	1.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-18-8.5-042920-DUP	4/29/2020	1.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			19		

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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-19	5 ft	VMP-19-5-073119	7/31/2019	1			<0.025	U		<0.0025	U		<0.0025	U		0.0045	J		0.00035			80			19		
		VMP-19-5-111519R	11/15/2019	0.17			<0.025	U		<0.0025	U		<0.0025	U		0.22			0.00046			79			21		
		VMP-19-5-022120	2/21/2020	0.14			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-19-5-043020	4/30/2020	0.36			<0.024	U		<0.0024	U		<0.0024	U		0.15			<0.00024	U		79			20		
		VMP-19-5-043020-DUP	4/30/2020	0.35			<0.024	U		<0.0024	U		<0.0024	U		0.16			<0.00024	U		79			20		
VMP-20	5 ft	VMP-20-5-072219	7/22/2019	6.6			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.000075	J		83			10		
		VMP-20-5-102319	10/23/2019	7.8			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		77			15		
		VMP-20-5-012420	1/24/2020	2.7			<0.028	U		<0.0028	U		<0.0028	U		7.6			0.00009	J		74			16		
		VMP-20-5-022120	2/21/2020	3.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			17		
		VMP-20-5-042420	4/24/2020	4.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			17		
	10 ft	VMP-20-10-072219	7/22/2019	12			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			8.4		
		VMP-20-10-102319	10/23/2019	11			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		77			12		
		VMP-20-10-012420	1/24/2020	6.2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			15		
		VMP-20-10-042420	4/24/2020	6.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			15		
	25 ft	VMP-20-25-072619	7/26/2019	4.2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			16		
		VMP-20-25-102319	10/23/2019	6.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			14		
		VMP-20-25-102319-DUP	10/23/2019	6.2			<0.024	U		<0.0024	U		<0.0024	U		0.0075	J		<0.00024	U		80			14		
		VMP-20-25-012420	1/24/2020	5.4			<0.027	U		<0.0027	U		<0.0027	U		0.02	J		<0.00027	U		80			15		
		VMP-20-25-042420	4/24/2020	5.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			16		
VMP-21	5 ft	VMP-21-5-072919	7/29/2019	3.8			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			16		
		VMP-21-5-102319	10/23/2019	2			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			19		
		VMP-21-5-012220	1/22/2020	0.84			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			19		
		VMP-21-5-042320	4/23/2020	1.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
	10 ft	VMP-21-10-072919	7/29/2019	4.3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			16		
		VMP-21-10-072919-DUP	7/29/2019	4.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			16		
		VMP-21-10-102319	10/23/2019	4.4			<0.024	U		<0.0024	U		<0.0024	U		0.0043	J		<0.00024	U		79			17		
		VMP-21-10-102319-DUP	10/23/2019	4.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			17		
		VMP-21-10-012220	1/22/2020	2.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			18		
		VMP-21-10-042320	4/23/2020	2.7			<0.024	U		<0.0024	U		<0.0024	U		0.011	J		<0.00024	U		79			18		
	25 ft	VMP-21-25-072919	7/29/2019	2.6			<0.026	U		<0.0026	U		<0.0026	U		0.029	J		<0.00026	U		80			17		
		VMP-21-25-102319	10/23/2019	4.3			<0.024	U		<0.0024	U		<0.0024	U		0.011	J		<0.00024	U		80			16		
		VMP-21-25-012220	1/22/2020	3.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			17		
		VMP-21-25-042320	4/23/2020	2.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			19		
	33 ft	VMP-21-33-072919	7/29/2019	2.4			<0.024	U		<0.0024	U		<0.0024	U		0.046	J		<0.00024	U		81			17		
		VMP-21-33-102319	10/23/2019	3.7			<0.023	U		<0.0023	U		<0.0023	U		0.046	J		<0.00023	U		80			16		
		VMP-21-33-012220	1/22/2020	3.7			<0.028	U		<0.0028	U		<0.0028	U		0.035	J		<0.00028	U		79			17		
		VMP-21-33-042320	4/23/2020	3.2			<0.024	U		<0.0024	U		<0.0024	U		0.054	J		<0.00024	U		79			18		
VMP-22	5 ft	VMP-22-5-072419	7/24/2019	1.1			<0.026	U		<0.0026	U		<0.0026	U		0.0083	J		0.000088	J		80			19		
		VMP-22-5-102319	10/23/2019	0.56			<0.024	U		<0.0024	U		<0.0024	U		0.052	J		<0.00024	U		79			20		
		VMP-22-5-012320	1/23/2020	0.17			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-22-5-042820	4/28/2020	0.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000096	J		80			20		
	10 ft	VMP-22-10-072419	7/24/2019	0.9			<0.025	U		<0.0025	U		<0.0025	U		0.16			0.00015	J		80			19		
		VMP-22-10-102319	10/23/2019	0.4			<0.025	U		<0.0025	U		<0.0025	U		0.43			0.00018	J		79			20		
		VMP-22-10-012320	1/23/2020	0.18			<0.027	U		<0.0027	U		<0.0027	U		0.018	J		<0.00027	U		80			20		
		VMP-22-10-042820	4/28/2020	0.22			<0.023	U		<0.0023	U		<0.0023	U		1.2			0.00029			80			20		
	18 ft	VMP-22-18-072419	7/24/2019	1.3			<0.026	U		<0.0026	U		<0.0026	U		0.042	J		<0.00026	U		80			19		
		VMP-22-18-102319	10/23/2019	0.9			<0.025	U		<0.0025	U		<0.0025	U		0.33			0.00011	J		79			20		
		VMP-22-18-012320	1/23/2020	0.14			<0.025	U		<0.0025	U		<0.0025	U		0.077	J		<0.00025	U		80			20		
		VMP-22-18-042820	4/28/2020	0.39			<0.026	U		<0.0026	U		<0.0026	U		0.6			0.00021	J		80			20		
	38 ft	VMP-22-38-072419	7/24/2019	0.6			<0.026	U		<0.0026	U		<0.0026	U		0.34			0.00019	J		80			19		
		VMP-22-38-102319	10/23/2019	0.28			<0.024	U		<0.0024	U		<0.0024	U		0.81			0.0002	J		79			20		
		VMP-22-38-012320	1/23/2020	0.14			<0.026	U		<0.0026	U		<0.0026	U		0.17			<0.00026	U		80			20		
		VMP-22-38-012320-DUP	1/23/2020	0.14			<0.026	U		<0.0026	U		<0.0026	U		0.16			<0.00026	U		80			20		
		VMP-22-38-042820	4/28/2020	0.31			<0.025	U		<0.0025	U		<0.0025	U		0.94			0.00028			80			20		
		VMP-22-38-042820-DUP	4/28/2020	0.34			<0.026	U		<0.0026	U		<0.0026	U		1.1			0.0003			80			20		

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TABLE 7
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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-23	5 ft	VMP-23-5-072419	7/24/2019	1.9			<0.026	U		<0.0026	U		<0.0026	U		0.0067	J		<0.00026	U		80			18		
		VMP-23-5-102419	10/24/2019	0.62			<0.023	U		<0.0023	U		<0.0023	U		0.0065	J		<0.00023	U		79			20		
		VMP-23-5-012820	1/28/2020	0.32			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-23-5-042820	4/28/2020	0.79			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
	10 ft	VMP-23-10-072419	7/24/2019	1.4			<0.025	U		<0.0025	U		<0.0025	U		0.03	J		0.000082	J		80			19		
		VMP-23-10-102419	10/24/2019	0.77			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.000075	J		79			20		
		VMP-23-10-012820	1/28/2020	0.38			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-23-10-042820	4/28/2020	0.49			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
	25 ft	VMP-23-25-072419	7/24/2019	1.9			<0.024	U		<0.0024	U		<0.0024	U		0.011	J		<0.00024	U		80			18		
		VMP-23-25-102419	10/24/2019	2.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			18		
		VMP-23-25-012820	1/28/2020	1.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			19		
		VMP-23-25-012820-DUP	1/28/2020	1.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			19		
		VMP-23-25-042820	4/28/2020	1.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-23-25-042820-DUP	4/28/2020	1.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
VMP-24	5 ft	VMP-24-5-102219	10/22/2019	0.46			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00012	J		80			20		
		VMP-24-5-012320	1/23/2020	1.6			<0.03	U		<0.003	U		<0.003	U		0.011	J		<0.0003	U		79			19		
		VMP-24-5-012320-DUP	1/23/2020	1.7			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-24-5-042220	4/22/2020	0.38			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
	10 ft	VMP-24-10-102219	10/22/2019	2.8			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			18		
		VMP-24-10-012320	1/23/2020	2.8			<0.03	U		<0.003	U		<0.003	U		0.014	J		<0.0003	U		79			18		
		VMP-24-10-042220	4/22/2020	0.64			<0.025	U		<0.0025	U		<0.0025	U		0.027	J		<0.00025	U		79			20		
	22 ft	VMP-24-22-102219	10/22/2019	0.51			<0.023	U		<0.0023	U		<0.0023	U		0.37			0.00014	J		79			20		
		VMP-24-22-012320	1/23/2020	1.4			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-24-22-042220	4/22/2020	0.47			<0.025	U		<0.0025	U		<0.0025	U		0.0075	J		0.00014	J		80			20		
		VMP-24-22-042220-DUP	4/22/2020	0.46			<0.026	U		<0.0026	U		<0.0026	U		0.0093	J		0.00014	J		80			20		
	34 ft	VMP-24-34-102219	10/22/2019	2.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			18		
		VMP-24-34-012320	1/23/2020	2.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-24-34-042220	4/22/2020	1			<0.025	U		<0.0025	U		<0.0025	U		0.012	J		<0.00025	U		79			20		
VMP-25	5 ft	VMP-25-5-072519	7/25/2019	7.6			<0.026	U		0.0001	J		<0.0026	U		<0.13	U		0.12			90			1.8		
		VMP-25-5-072519-DUP	7/25/2019	7.6			<0.025	U		0.0001	J		<0.0025	U		<0.12	U		0.12			90			1.8		
		VMP-25-5-102819	10/28/2019	5.8			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		86			8		
		VMP-25-5-102819-DUP	10/28/2019	5.8			<0.025	U		<0.0025	U		<0.0025	U		0.043	J		<0.00025	U		86			7.9		
		VMP-25-5-012820	1/28/2020	4.1			<0.024	U		<0.0024	U		<0.0024	U		0.097	J		0.012			93			2.8		
		VMP-25-5-012820-DUP	1/28/2020	4.2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.012			93			2.8		
		VMP-25-5-042320	4/23/2020	5.2			<0.029	U		0.001	J		<0.0029	U		<0.14	U		0.54			92			2		
		VMP-25-5-042320-DUP	4/23/2020	5.1			<0.026	U		0.00092	J		<0.0026	U		<0.13	U		0.51			92			2.3		
VMP-29	10 ft	VMP-29-10-073119	7/31/2019	0.58			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-29-10-102519	10/25/2019	0.63			<0.026	U		<0.0026	U		<0.0026	U		0.012	J		<0.00026	U		79			20		
		VMP-29-10-012420	1/24/2020	0.3			<0.027	U		<0.0027	U		<0.0027	U		0.016	J		<0.00027	U		80			20		
		VMP-29-10-042320	4/23/2020	0.34			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
	18 ft	VMP-29-18-073119	7/31/2019	0.44			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-29-18-102519	10/25/2019	0.5			<0.026	U		<0.0026	U		<0.0026	U		0.0053	J		0.000095	J		78			21		
		VMP-29-18-012420	1/24/2020	0.54			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			20		
		VMP-29-18-042320	4/23/2020	0.46			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			21		
	26 ft	VMP-29-26-073119	7/31/2019	0.45			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-29-26-102519	10/25/2019	1.3			<0.027	U		<0.0027	U		<0.0027	U		0.0066	J		<0.00027	U		79			20		
		VMP-29-26-012420	1/24/2020	1.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0048			80			19		
		VMP-29-26-042320	4/23/2020	0.64			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
		VMP-29-26-042320-DUP	4/23/2020	0.64			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		

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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-30	10 ft	VMP-30-10-073119	7/31/2019	0.099			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00017	J		80			20		
		VMP-30-10-102519	10/25/2019	0.11			<0.025	U		<0.0025	U		<0.0025	U		0.0052	J		<0.00025	U		79			21		
		VMP-30-10-012420	1/24/2020	0.058			<0.026	U		<0.0026	U		<0.0026	U		0.0072	J		<0.00026	U		79			21		
		VMP-30-10-042320	4/23/2020	0.067			<0.024	U		<0.0024	U		<0.0024	U		0.009	J		<0.00024	U		79			21		
	18 ft	VMP-30-18-073119	7/31/2019	0.1			<0.025	U		<0.0025	U		<0.0025	U		0.02	J		0.00024	J		80			20		
		VMP-30-18-102519	10/25/2019	0.13			<0.025	U		<0.0025	U		<0.0025	U		0.0061	J		0.00019	J		79			21		
		VMP-30-18-012420	1/24/2020	0.26			<0.03	U		<0.003	U		<0.003	U		0.0077	J		0.00024	J		80			20		
		VMP-30-18-042320	4/23/2020	0.19			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
	26 ft	VMP-30-26-073119	7/31/2019	0.042			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00018	J		80			20		
		VMP-30-26-102519	10/25/2019	0.13			<0.025	U		<0.0025	U		<0.0025	U		0.0053	J		0.00023	J		79			21		
		VMP-30-26-102519-DUP	10/25/2019	0.13			<0.026	U		<0.0026	U		<0.0026	U		0.041	J		0.00024	J		79			21		
		VMP-30-26-012420	1/24/2020	0.52			<0.028	U		<0.0028	U		<0.0028	U		0.042	J		0.00056			79			20		
		VMP-30-26-042320	4/23/2020	0.32			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00067			79			21		
VMP-32	5 ft	VMP-32-5-072319	7/23/2019	2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			18		
		VMP-32-5-072319-DUP	7/23/2019	2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			18		
		VMP-32-5-102419	10/24/2019	1.2			<0.025	U		<0.0025	U		<0.0025	U		0.03	J		<0.00025	U		80			19		
		VMP-32-5-012820	1/28/2020	0.93			<0.038	U		<0.0038	U		<0.0038	U		0.012	J		<0.00038	U		79			20		
		VMP-32-5-042920	4/29/2020	0.8			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00011	J		79			20		
	10 ft	VMP-32-10-072319	7/23/2019	2.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		
		VMP-32-10-102419	10/24/2019	2.1			<0.025	U		<0.0025	U		<0.0025	U		0.0042	J		<0.00025	U		79			19		
		VMP-32-10-012820	1/28/2020	1.3			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		240			20		
		VMP-32-10-042920	4/29/2020	1.1			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
	20 ft	VMP-32-20-072319	7/23/2019	0.23			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00015	J		80			20		
		VMP-32-20-012820	1/28/2020	0.37			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		240			20		
		VMP-32-20-042920	4/29/2020	0.11			<0.028	U		<0.0028	U		<0.0028	U		0.039	J		0.0002	J		80			20		
	30 ft	VMP-32-30-072319	7/23/2019	1.9			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			18		
		VMP-32-30-102419	10/24/2019	0.16			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00013	J		80			20		
		VMP-32-30-012820	1/28/2020	0.7			<0.029	U		<0.0029	U		<0.0029	U		0.64			<0.00029	U		79			20		
VMP-41	10 ft	VMP-41-10-072619	7/26/2019	1.4			<0.026	U		<0.0026	U		<0.0026	U		0.0081	J		<0.00026	U		80			19		
		VMP-41-10-102819	10/28/2019	0.97			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-41-10-012420	1/24/2020	0.35			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-41-10-042320	4/23/2020	0.54			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
	20 ft	VMP-41-20-072619	7/26/2019	1.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
		VMP-41-20-072619-DUP	7/26/2019	1.3			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			19		
		VMP-41-20-102819	10/28/2019	1.6			<0.025	U		<0.0025	U		<0.0025	U		0.017	J		<0.00025	U		78			20		
		VMP-41-20-012420	1/24/2020	0.64			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-41-20-042320	4/23/2020	0.57			<0.027	U		<0.0027	U		<0.0027	U		0.035	J		<0.00027	U		79			20		
	26 ft	VMP-41-26-012420	1/24/2020	0.82			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		79			20		
		VMP-41-26-012420-DUP	1/24/2020	0.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-41-26-042320	4/23/2020	0.62			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
VMP-42	10 ft	VMP-42-10-072319	7/23/2019	1.6			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
		VMP-42-10-102119	10/21/2019	1.3			<0.022	U		<0.0022	U		<0.0022	U		0.026	J		<0.00022	U		79			20		
		VMP-42-10-012720	1/27/2020	0.51			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			20		
		VMP-42-10-042920	4/29/2020	0.6			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		79			20		
	20 ft	VMP-42-20-072319	7/23/2019	2.3			<0.024	U		<0.0024	U		<0.0024	U		0.016	J		<0.00024	U		80			18		
		VMP-42-20-102119	10/21/2019	3.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			18		
		VMP-42-20-012720	1/27/2020	1.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-42-20-042920	4/29/2020	1.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-42-20-042920-DUP	4/29/2020	1.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
	30 ft	VMP-42-30-072319	7/23/2019	1.4			<0.025	U		<0.0025	U		<0.0025	U		0.47			<0.00025	U		80			18		
		VMP-42-30-102119	10/21/2019	3.3			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			18		
		VMP-42-30-102119-DUP	10/21/2019	3.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			17		
		VMP-42-30-012720	1/27/2020	2.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			19		
		VMP-42-30-042920	4/29/2020	2.2			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		79			19		

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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-43	10 ft	VMP-43-10-080119	8/1/2019	0.17			<0.024	U		<0.0024	U		<0.0024	U		0.011	J		0.00016	J		80			20		
		VMP-43-10-102119	10/21/2019	0.11			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00017	J		80			20		
		VMP-43-10-012720	1/27/2020	0.19			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-43-10-043020	4/30/2020	0.19			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00012	J		80			20		
	20 ft	VMP-43-20-080119	8/1/2019	0.39			<0.024	U		<0.0024	U		<0.0024	U		0.0068	J		0.000092	J		80			20		
		VMP-43-20-102119	10/21/2019	0.22			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.000089	J		80			20		
		VMP-43-20-012720	1/27/2020	0.31			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			20		
		VMP-43-20-043020	4/30/2020	0.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0001	J		80			20		
	30 ft	VMP-43-30-080119	8/1/2019	0.52			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-43-30-102119	10/21/2019	0.45			<0.025	U		<0.0025	U		<0.0025	U		0.067	J		0.00012	J		80			20		
		VMP-43-30-102119-DUP	10/21/2019	0.46			<0.025	U		<0.0025	U		<0.0025	U		0.022	J		0.000072	J		80			20		
		VMP-43-30-012720	1/27/2020	1			<0.026	U		<0.0026	U		<0.0026	U		0.024	J		0.00063			79			20		
		VMP-43-30-043020	4/30/2020	0.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
VMP-44	10 ft	VMP-44-10-072319	7/23/2019	1.4			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00022	J		80			19		
		VMP-44-10-102419	10/24/2019	0.77			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00012	J		79			20		
		VMP-44-10-012720	1/27/2020	1.2			<0.03	U		<0.003	U		<0.003	U		0.013	J		0.00018	J		82			17		
		VMP-44-10-043020	4/30/2020	0.4			<0.023	U		<0.0023	U		<0.0023	U		0.11	J		0.000099	J		80			20		
	20 ft	VMP-44-20-072319	7/23/2019	1			<0.024	U		<0.0024	U		<0.0024	U		0.087	J		0.00018	J		80			19		
		VMP-44-20-102419	10/24/2019	0.54			<0.023	U		<0.0023	U		<0.0023	U		0.22			0.00016	J		79			20		
		VMP-44-20-012720	1/27/2020	0.85			<0.029	U		<0.0029	U		<0.0029	U		0.026	J		0.00014	J		82			17		
		VMP-44-20-043020	4/30/2020	0.4			<0.025	U		<0.0025	U		<0.0025	U		0.1	J		0.00011	J		80			20		
	30 ft	VMP-44-30-072319	7/23/2019	1.1			<0.023	U		<0.0023	U		<0.0023	U		0.23			0.00024			80			19		
		VMP-44-30-102419	10/24/2019	0.52			<0.022	U		<0.0022	U		<0.0022	U		0.62			0.00016	J		79			20		
		VMP-44-30-012720	1/27/2020	0.85			<0.024	U		<0.0024	U		<0.0024	U		0.073	J		0.00022	J		81			18		
		VMP-44-30-012720-DUP	1/27/2020	0.85			<0.024	U		<0.0024	U		<0.0024	U		0.077	J		0.00017	J		82			17		
		VMP-44-30-043020	4/30/2020	0.054			<0.025	U		<0.0025	U		<0.0025	U		1			0.00015	J		78			21		
VMP-45	10 ft	VMP-45-10-080119	8/1/2019	0.22			<0.025	U		<0.0025	U		<0.0025	U		0.0054	J		0.00013	J		80			20		
		VMP-45-10-111519R	11/15/2019	0.11			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00017	J		79			21		
		VMP-45-10-012720	1/27/2020	0.12			<0.025	U		<0.0025	U		<0.0025	U		0.026	J		<0.00025	U		79			21		
		VMP-45-10-042720	4/27/2020	0.18			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00012	J		79			21		
	20 ft	VMP-45-20-080119	8/1/2019	0.37			<0.026	U		<0.0026	U		<0.0026	U		0.0058	J		0.000096	J		80			20		
		VMP-45-20-102419	10/24/2019	0.16			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.000085	J		79			21		
		VMP-45-20-012720	1/27/2020	0.11			<0.025	U		<0.0025	U		<0.0025	U		0.0076	J		<0.00025	U		79			21		
		VMP-45-20-042720	4/27/2020	0.19			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
	30 ft	VMP-45-30-080119	8/1/2019	0.041			<0.025	U		<0.0025	U		<0.0025	U		0.09	J		0.00019	J		80			20		
		VMP-45-30-102419	10/24/2019	0.96			<0.024	U		<0.0024	U		<0.0024	U		0.03	J		0.00013	J		79			20		
		VMP-45-30-102419-DUP	10/24/2019	1			<0.023	U		<0.0023	U		<0.0023	U		0.03	J		0.0001	J		79			20		
		VMP-45-30-012720	1/27/2020	1.4			<0.028	U		<0.0028	U		<0.0028	U		0.01	J		0.00094			78			20		
		VMP-45-30-042720	4/27/2020	0.11			<0.024	U		<0.0024	U		<0.0024	U		0.25			0.00018	J		80			20		

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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-47-5-072619	7/26/2019	0.45			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00016	J		80			20		
		VMP-47-5-102319	10/23/2019	0.089			<0.025	U		<0.0025	U		<0.0025	U		0.0047	J		0.00016	J		80			20		
		VMP-47-5-012920	1/29/2020	0.35			<0.03	U		<0.003	U		<0.003	U		0.0087	J		<0.0003	U		80			20		
		VMP-47-5-012920-DUP	1/29/2020	0.35			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-47-5-042820	4/28/2020	0.21			<0.028	U		<0.0028	U		<0.0028	U		0.013	J		0.000096	J		79			21		
	10 ft	VMP-47-10-072619	7/26/2019	0.64			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00012	J		79			20		
		VMP-47-10-102319	10/23/2019	0.38			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00026	J		80			20		
		VMP-47-10-012920	1/29/2020	0.47			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			20		
		VMP-47-10-042820	4/28/2020	0.18			<0.028	U		<0.0028	U		<0.0028	U		0.013	J		<0.00028	U		79			21		
		VMP-47-10-042820-DUP	4/28/2020	0.18			<0.028	U		<0.0028	U		<0.0028	U		0.0072	J		<0.00028	U		80			20		
	20 ft	VMP-47-20-072619	7/26/2019	0.7			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-47-20-102319	10/23/2019	0.39			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-47-20-012920	1/29/2020	0.7			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-47-20-042820	4/28/2020	0.28			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			21		
	30 ft	VMP-47-30-072619	7/26/2019	0.95			<0.025	U		<0.0025	U		<0.0025	U		0.013	J		<0.00025	U		80			19		
		VMP-47-30-102319	10/23/2019	1.2			<0.027	U		<0.0027	U		<0.0027	U		0.005	J		<0.00027	U		80			19		
		VMP-47-30-012920	1/29/2020	1.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			20		
		VMP-47-30-042820	4/28/2020	0.7			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
VMP-48	5 ft	VMP-48-5-072619	7/26/2019	6.4			<0.026	U		<0.0026	U		<0.0026	U		0.0069	J		<0.00026	U		80			14		
		VMP-48-5-102119	10/21/2019	3			<0.025	U		<0.0025	U		<0.0025	U		0.0095	J		<0.00025	U		80			17		
		VMP-48-5-012920	1/29/2020	1.3			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			19		
		VMP-48-5-042420	4/24/2020	1.3			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		0.001			81			18		
	10 ft	VMP-48-10-072619	7/26/2019	4.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		81			15		
		VMP-48-10-102119	10/21/2019	5.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			15		
		VMP-48-10-012920	1/29/2020	3.4			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		79			18		
		VMP-48-10-042420	4/24/2020	2.5			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			18		
	20 ft	VMP-48-20-102119	10/21/2019	5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			15		
	30 ft	VMP-48-30-072619	7/26/2019	5.5			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			16		
		VMP-48-30-102119	10/21/2019	4.7			<0.026	U		<0.0026	U		<0.0026	U		0.033	J		<0.00026	U		80			15		
		VMP-48-30-012920	1/29/2020	5.9			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			15		
VMP-49	5 ft	VMP-49-5-072919	7/29/2019	0.88			<0.025	U		<0.0025	U		<0.0025	U		0.0089	J		<0.00025	U		80			19		
		VMP-49-5-101819	10/18/2019	0.58			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-49-5-012220	1/22/2020	1.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-49-5-042920	4/29/2020	0.51			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			20		
	10 ft	VMP-49-10-072919	7/29/2019	2.1			<0.025	U		<0.0025	U		<0.0025	U		0.018	J		0.00013	J		80			18		
		VMP-49-10-101819	10/18/2019	0.84			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0001	J		79			20		
		VMP-49-10-012220	1/22/2020	0.39			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			20		
		VMP-49-10-042920	4/29/2020	0.68			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0001	J		79			20		
	20 ft	VMP-49-20-072919	7/29/2019	2.4			<0.025	U		<0.0025	U		<0.0025	U		0.42			0.00011	J		81			17		
		VMP-49-20-101819	10/18/2019	0.67			<0.028	U		<0.0028	U		<0.0028	U		0.062	J		0.00013	J		79			20		
		VMP-49-20-012220	1/22/2020	0.3			<0.027	U		<0.0027	U		<0.0027	U		0.031	J		<0.00027	U		79			21		
		VMP-49-20-042920	4/29/2020	0.67			<0.025	U		<0.0025	U		<0.0025	U		0.009	J		0.00015	J		79			20		
		VMP-49-20-042920-DUP	4/29/2020	0.67			<0.026	U		<0.0026	U		<0.0026	U		0.011	J		0.00013	J		79			20		
	30 ft	VMP-49-30-072919	7/29/2019	0.91			<0.025	U		<0.0025	U		<0.0025	U		0.012	J		<0.00025	U		80			19		
		VMP-49-30-101819	10/18/2019	3.2			<0.027	U		<0.0027	U		<0.0027	U		0.02	J		<0.00027	U		82			15		
		VMP-49-30-012220	1/22/2020	4.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		81			14		
		VMP-49-30-042920	4/29/2020	0.57			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	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-50	5 ft	VMP-50-5-073019	7/30/2019	1.2			<0.024	U		<0.0024	U		<0.0024	U		4			<0.00024	U		77			18		
		VMP-50-5-102319	10/23/2019	0.47			<0.024	U		<0.0024	U		<0.0024	U		0.0098	J		<0.00024	U		80			20		
		VMP-50-5-012820	1/28/2020	0.11			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-50-5-042820	4/28/2020	0.39			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			21		
	10 ft	VMP-50-10-073019	7/30/2019	2.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
		VMP-50-10-102319	10/23/2019	0.86			<0.025	U		<0.0025	U		<0.0025	U		0.008	J		<0.00025	U		79			20		
		VMP-50-10-012820	1/28/2020	0.36			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-50-10-042820	4/28/2020	0.57			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			21		
	20 ft	VMP-50-20-073019	7/30/2019	1.8			<0.027	U		<0.0027	U		<0.0027	U		0.011	J		<0.00027	U		80			18		
		VMP-50-20-102319	10/23/2019	1.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
		VMP-50-20-012820	1/28/2020	2.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-50-20-042820	4/28/2020	0.84			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			21		
	30 ft	VMP-50-30-073019	7/30/2019	1.8			<0.026	U		<0.0026	U		<0.0026	U		0.0065	J		0.00065			80			18		
		VMP-50-30-102319	10/23/2019	2.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.0068			80			18		
		VMP-50-30-012820	1/28/2020	1.8			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.0036			79			19		
		VMP-50-30-042820	4/28/2020	1.5			<0.025	U		<0.0025	U		<0.0025	U		0.024	J		0.00041			78			20		
VMP-51	5 ft	VMP-51-5-072419	7/24/2019	0.41			<0.026	U		<0.0026	U		<0.0026	U		0.014	J		<0.00026	U		80			20		
		VMP-51-5-102519	10/25/2019	0.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-51-5-012820	1/28/2020	0.38			<0.028	U		<0.0028	U		<0.0028	U		0.013	J		<0.00028	U		80			20		
		VMP-51-5-012820-DUP	1/28/2020	0.38			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-51-5-042720	4/27/2020	0.71			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.000081	J		79			20		
	10 ft	VMP-51-10-072419	7/24/2019	1.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-51-10-102519	10/25/2019	0.99			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-51-10-012820	1/28/2020	0.33			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-51-10-042720	4/27/2020	0.94			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
	20 ft	VMP-51-20-072419	7/24/2019	1.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
		VMP-51-20-102519	10/25/2019	2.5			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			19		
		VMP-51-20-022120	2/21/2020	1.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-51-20-042720	4/27/2020	1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
	30 ft	VMP-51-30-072419	7/24/2019	1.9			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			18		
		VMP-51-30-102519	10/25/2019	2.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			18		
		VMP-51-30-102519-DUP	10/25/2019	2.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			18		
		VMP-51-30-012820	1/28/2020	1.5			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			20		
		VMP-51-30-042720	4/27/2020	1.5			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			20		
VMP-52	5 ft	VMP-52-5-072619	7/26/2019	3.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			16		
		VMP-52-5-072619-DUP	7/26/2019	3.6			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			16		
		VMP-52-5-102219	10/22/2019	2.5			<0.026	U		<0.0026	U		<0.0026	U		0.0086	J		<0.00026	U		78			19		
		VMP-52-5-012320	1/23/2020	0.56			<0.029	U		<0.0029	U		<0.0029	U		0.014	J		0.000095	J		79			20		
		VMP-52-5-042720	4/27/2020	1.3			<0.023	U		<0.0023	U		<0.0023	U		0.0098	J		0.00012	J		80			19		
	10 ft	VMP-52-10-072619	7/26/2019	3.3			<0.025	U		<0.0025	U		<0.0025	U		0.076	J		<0.00025	U		82			15		
		VMP-52-10-102219	10/22/2019	5.4			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			17		
		VMP-52-10-042720	4/27/2020	1.6			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		
	20 ft	VMP-52-20-072219	7/22/2019	2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
		VMP-52-20-102219	10/22/2019	2.6			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			18		
		VMP-52-20-012320	1/23/2020	1.5			<0.024	U		<0.0024	U		<0.0024	U		0.48			<0.00024	U		78			20		
		VMP-52-20-042720	4/27/2020	1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
	30 ft	VMP-52-30-072219	7/22/2019	2.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			18		
		VMP-52-30-102219	10/22/2019	2.5			<0.024	U		<0.0024	U		<0.0024	U		0.02	J		<0.00024	U		80			18		
		VMP-52-30-102219-DUP	10/22/2019	2.5			<0.025	U		<0.0025	U		<0.0025	U		0.0043	J		<0.00025	U		80			18		
		VMP-52-30-012320	1/23/2020	1.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			20		
		VMP-52-30-042720	4/27/2020	1.4			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-52-30-042720-DUP	4/27/2020	1.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	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-53	5 ft	VMP-53-5-071919	7/19/2019	2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
		VMP-53-5-101819	10/18/2019	0.9			<0.024	U		<0.0024	U		<0.0024	U		0.088	J		<0.00024	U		79			20		
		VMP-53-5-012220	1/22/2020	0.33			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-53-5-042220	4/22/2020	0.62			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
	10 ft	VMP-53-10-071919	7/19/2019	1.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-53-10-101819	10/18/2019	0.93			<0.028	U		<0.0028	U		<0.0028	U		0.0049	J		<0.00028	U		79			20		
		VMP-53-10-012220	1/22/2020	0.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-53-10-042220	4/22/2020	0.45			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			21		
	20 ft	VMP-53-20-071919	7/19/2019	1.8			<0.026	U		<0.0026	U		<0.0026	U		0.0055	J		<0.00026	U		80			18		
		VMP-53-20-101819	10/18/2019	1.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
		VMP-53-20-012220	1/22/2020	1.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-53-20-042220	4/22/2020	0.76			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
	30 ft	VMP-53-30-071919	7/19/2019	2			<0.026	U		<0.0026	U		<0.0026	U		0.0088	J		<0.00026	U		80			18		
		VMP-53-30-101819	10/18/2019	3.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			17		
		VMP-53-30-101819-DUP	10/18/2019	3.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			17		
		VMP-53-30-012220	1/22/2020	2.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			19		
		VMP-53-30-012220-DUP	1/22/2020	2.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			19		
		VMP-53-30-042220	4/22/2020	2.2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			19		
VMP-54	5 ft	VMP-54-5-072219	7/22/2019	3.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		81			16		
		VMP-54-5-102219	10/22/2019	3			<0.026	U		<0.0026	U		<0.0026	U		0.0088	J		<0.00026	U		80			17		
		VMP-54-5-012220	1/22/2020	1.3			<0.034	U		<0.0034	U		<0.0034	U		<0.17	U		<0.00034	U		80			19		
		VMP-54-5-042720	4/27/2020	1.1			<0.026	U		<0.0026	U		<0.0026	U		8.6			<0.00026	U		72			18		
		VMP-54-5-052120	5/21/2020	2.6			<0.024	U		<0.0024	U		<0.0024	U		0.0082	J		<0.00024	U		79			18		
	10 ft	VMP-54-10-072219	7/22/2019	2.5			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			17		
		VMP-54-10-102219	10/22/2019	3.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			17		
		VMP-54-10-031220	3/12/2020	1.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			18		
		VMP-54-10-042720	4/27/2020	2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			18		
	20 ft	VMP-54-20-072219	7/22/2019	2.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		81			17		
		VMP-54-20-102219	10/22/2019	2.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		81			16		
		VMP-54-20-012220	1/22/2020	2.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		81			17		
		VMP-54-20-042720	4/27/2020	2.2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			18		
	30 ft	VMP-54-30-072219	7/22/2019	1.9			<0.025	U		<0.0025	U		<0.0025	U		1			0.00014	J		80			17		
		VMP-54-30-102219	10/22/2019	1.5			<0.029	U		<0.0029	U		<0.0029	U		0.16			<0.00029	U		80			19		
		VMP-54-30-012220	1/22/2020	0.62			<0.03	U		<0.003	U		<0.003	U		0.06	J		<0.0003	U		80			19		
		VMP-54-30-042720	4/27/2020	0.8			<0.026	U		<0.0026	U		<0.0026	U		0.17			<0.00026	U		81			18		
VMP-55	20 ft	VMP-55-20-073019	7/30/2019	15			<0.025	U		0.00013	J		<0.0025	U		2.9			0.33			76			5.3		
		VMP-55-20-012820	1/28/2020	18			<0.03	U		0.00095	J		<0.003	U		0.009	J		4.1			76			2.4		
		VMP-55-20-042820	4/28/2020	17			<0.028	U		<0.0028	U		<0.0028	U		0.011	J		0.072			78			4.8		
VMP-56	10 ft	VMP-56-10-072319	7/23/2019	0.62			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			19		
		VMP-56-10-102119	10/21/2019	0.24			<0.022	U		<0.0022	U		<0.0022	U		0.026	J		0.000077	J		80			20		
		VMP-56-10-012220	1/22/2020	0.32			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-56-10-042420	4/24/2020	0.32			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
	25 ft	VMP-56-25-072319	7/23/2019	1.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-56-25-102119	10/21/2019	0.31			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-56-25-012220	1/22/2020	0.61			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000097	J		79			20		
		VMP-56-25-042420	4/24/2020	0.63			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	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-62	5 ft	VMP-62-5-072919	7/29/2019	4.1			<0.026	U		<0.0026	U		<0.0026	U		0.029	J		<0.00026	U		80			16		
		VMP-62-5-102319	10/23/2019	1.7			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			19		
		VMP-62-5-012920	1/29/2020	0.72			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-62-5-042820	4/28/2020	1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			19		
	10 ft	VMP-62-10-072919	7/29/2019	3.7			<0.023	U		<0.0023	U		<0.0023	U		0.027	J		<0.00023	U		79			17		
		VMP-62-10-072919-DUP	7/29/2019	3.7			<0.025	U		<0.0025	U		<0.0025	U		0.0066	J		<0.00025	U		79			17		
		VMP-62-10-102319	10/23/2019	2.1			<0.026	U		<0.0026	U		<0.0026	U		0.0091	J		<0.00026	U		79			19		
		VMP-62-10-012920	1/29/2020	1.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-62-10-042820	4/28/2020	1.3			<0.03	U		<0.003	U		<0.003	U		0.009	J		0.00024	J		80			19		
	20 ft	VMP-62-20-072919	7/29/2019	2.8			<0.024	U		<0.0024	U		<0.0024	U		0.0097	J		0.00012	J		79			18		
		VMP-62-20-102319	10/23/2019	2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
		VMP-62-20-012920	1/29/2020	0.92			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			20		
		VMP-62-20-042820	4/28/2020	1.2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00048			80			19		
		VMP-62-20-042820-DUP	4/28/2020	1.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00046			80			19		
	30 ft	VMP-62-30-072919	7/29/2019	1.6			<0.023	U		<0.0023	U		<0.0023	U		0.0063	J		<0.00023	U		80			18		
		VMP-62-30-102319	10/23/2019	1.4			<0.027	U		<0.0027	U		<0.0027	U		0.021	J		<0.00027	U		80			19		
		VMP-62-30-012920	1/29/2020	1.7			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			19		
		VMP-62-30-042820	4/28/2020	0.7			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			19		
VMP-63	5 ft	VMP-63-5-072319	7/23/2019	0.3			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00011	J		80			20		
		VMP-63-5-102419	10/24/2019	0.12			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00012	J		80			20		
		VMP-63-5-102419-DUP	10/24/2019	0.12			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00012	J		80			20		
		VMP-63-5-012720	1/27/2020	0.062			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			20		
		VMP-63-5-012720-DUP	1/27/2020	0.062			<0.028	U		<0.0028	U		<0.0028	U		0.012	J		<0.00028	U		80			20		
		VMP-63-5-042420	4/24/2020	0.19			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00014	J		79			21		
	10 ft	VMP-63-10-072319	7/23/2019	0.43			<0.025	U		<0.0025	U		<0.0025	U		0.0091	J		<0.00025	U		80			20		
		VMP-63-10-102419	10/24/2019	0.17			<0.023	U		<0.0023	U		<0.0023	U		0.06	J		<0.00023	U		80			20		
		VMP-63-10-012720	1/27/2020	0.079			<0.024	U		<0.0024	U		<0.0024	U		0.014	J		0.00016	J		79			21		
		VMP-63-10-042420	4/24/2020	0.22			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			21		
	20 ft	VMP-63-20-072319	7/23/2019	0.64			<0.025	U		<0.0025	U		<0.0025	U		0.035	J		<0.00025	U		79			20		
		VMP-63-20-102419	10/24/2019	0.3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			20		
		VMP-63-20-012720	1/27/2020	0.22			<0.027	U		<0.0027	U		<0.0027	U		0.01	J		<0.00027	U		80			20		
		VMP-63-20-042420	4/24/2020	0.29			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
	30 ft	VMP-63-30-072319	7/23/2019	0.96			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			19		
		VMP-63-30-102419	10/24/2019	0.88			<0.025	U		<0.0025	U		<0.0025	U		0.026	J		<0.00025	U		79			20		
		VMP-63-30-012720	1/27/2020	0.51			<0.028	U		<0.0028	U		<0.0028	U		0.23			<0.00028	U		79			20		
		VMP-63-30-042420	4/24/2020	0.61			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
VMP-64	5 ft	VMP-64-5-072519	7/25/2019	0.58			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00021	J		80			19		
		VMP-64-5-072519-DUP	7/25/2019	0.58			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0002	J		80			19		
		VMP-64-5-102319	10/23/2019	0.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-64-5-012820	1/28/2020	0.064			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			20		
		VMP-64-5-042420	4/24/2020	0.13			<0.026	U		<0.0026	U		<0.0026	U		0.0092	J		0.00014	J		79			21		
	10 ft	VMP-64-10-072519	7/25/2019	3.7			<0.025	U		<0.0025	U		<0.0025	U		0.72			<0.00025	U		80			16		
		VMP-64-10-102319	10/23/2019	3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			18		
		VMP-64-10-012820	1/28/2020	1.8			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			19		
		VMP-64-10-042420	4/24/2020	1.4			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			20		
	20 ft	VMP-64-20-072519	7/25/2019	3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			17		
		VMP-64-20-102319	10/23/2019	3.6			<0.026	U		<0.0026	U		<0.0026	U		0.57			<0.00026	U		79			17		
		VMP-64-20-012820	1/28/2020	2.6			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			18		
		VMP-64-20-042420	4/24/2020	1.8			<0.025	U		<0.0025	U		<0.0025	U		0.024	J		<0.00025	U		79			19		
		VMP-64-20-042420-DUP	4/24/2020	1.8			<0.024	U		<0.0024	U		<0.0024	U		0.026	J		<0.00024	U		78			20		

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

U = Non-detect due to blank contamination

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-03R	400.71 - 410.71 (31 - 41)	7/18/2019	0917	-25.90	32.61	0.0	0	1.3	19.7	0.1	0.0	0.0	0.0	
SVE-03R		8/21/2019	1448	-30.20	31.94	0.0	0	1.7	18.9	0.2	29.7	24.5	5.2	
SVE-03R		9/17/2019	1207	-44.30	30.83	0.0	0	1.7	19.1	0.9	55.3	53.6	1.7	
SVE-03R		10/17/2019	0949	-10.50	32.95	0.0	0	2.0	19.0	0.1	6.8	5.1	1.7	
SVE-03R		11/21/2019	1330	-10.20	34.34	0.0	0	1.3	19.7	0.1	1.4	0.9	0.5	
SVE-03R		12/11/2019	1405	-9.25	34.68	0.0	0	1.5	19.8	0.2	2.0	1.1	0.9	
SVE-03R		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-03R		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-03R		3/24/2020	1319	-6.06	34.66	0.0	0	1.9	19.2	7.4	42.2	1.9	40.3	
SVE-03R		4/22/2020	0858	-8.90	34.43	0.0	0	1.1	19.9	1.6	3.7	0.0	3.7	
SVE-03R		5/21/2020	0831	-9.60	33.80	0.0	0	1.3	19.7	0.0	0.0	0.0	0.0	
SVE-03R		6/19/2020	0855	-12.58	33.04	0.0	0	1.7	19.2	0.9	0.7	0.0	0.7	
SVE-04	427.04 - 437.04 (5 - 15)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05	424.23 - 434.23 (10 - 20)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-06	424.04 - 434.04 (10 - 20)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07	423.71 - 433.71 (10 - 20)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08	424.12 - 434.12 (9 - 19)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-09	422.41 - 432.41 (10 - 20)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10	422.74 - 432.74 (10 - 20)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11	423.56 - 433.56 (10 - 20)	7/17/2019	1327	-45.50	18.04	1.1	23	4.2	15.1	202	1532	234	1298	
SVE-11		8/21/2019	1214	-53.20	18.05	0.8	16	4.2	15.7	162	1166	244	922	
SVE-11		9/16/2019	1451	-53.60	17.61	1.2	25	4.7	14.9	182	1832	438	1394	
SVE-11		10/16/2019	1419	-65.70	16.61	0.7	14	4.6	15.2	160	1057	263	794	
SVE-11		11/21/2019	1052	-48.30	17.45	0.4	8	4.0	15.9	138	869	372	497	
SVE-11		12/11/2019	1151	-55.50	16.76	0.3	6	3.0	17.3	86.1	384	141	243	
SVE-11		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-11		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-11		3/23/2020	1108	-50.00	16.39	0.2	5	3.5	16.5	82.3	611	265	346	
SVE-11		4/21/2020	1210	-53.30	17.36	0.5	10	3.3	16.6	151	837	210	627	
SVE-11		5/20/2020	1403	-55.10	16.43	0.2	4	2.9	17.1	61.3	321	56.6	264	
SVE-11		6/18/2020	1245	-50.10	18.15	1.0	20	4.1	15.3	283	1295	267	1028	

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TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-12	423.78 - 433.78 (10 - 20)	7/17/2019	1306	-46.80	18.14	12.6	OVR	6.3	12.2	1165	7020	194	6826	
SVE-12		8/21/2019	1204	-53.30	17.74	11.9	OVR	7.1	12.2	1212	6150	267	5883	
SVE-12		9/16/2019	1435	-54.70	17.31	12.7	OVR	6.7	12.6	1188	9750	328	9422	
SVE-12		10/16/2019	1400	-66.90	16.50	7.6	OVR	6.0	13.5	836	6337	191	6146	
SVE-12		11/21/2019	1040	-48.50	20.85	19.9	OVR	8.2	10.2	1676	8870	396	8474	
SVE-12		12/11/2019	1136	-55.30	18.11	4.9	99	6.5	12.0	899	3930	235	3695	
SVE-12		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-12		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-12		3/23/2020	1045	-50.50	16.62	1.5	30	5.0	13.7	395	2240	416	1824	
SVE-12		4/20/2020	1227	-51.80	17.31	2.2	45	4.1	15.0	546	2613	174	2439	
SVE-12		5/20/2020	1342	-55.30	16.21	2.1	42	4.4	14.8	52.5	2129	172	1957	
SVE-12		6/17/2020	1134	-44.20	19.65	13.3	OVR	5.7	12.8	1474	7730	285	7445	
SVE-13	423.77 - 433.77 (10 - 20)	7/17/2019	1258	-35.70	22.00	0.0	1	1.7	18.9	11.4	75.5	4.1	71.4	
SVE-13		8/21/2019	1156	-41.70	21.87	0.1	2	2.1	18.6	18.8	123	8.7	114	
SVE-13		9/16/2019	1424	-45.40	22.04	0.1	2	2.0	18.8	16.1	105	5.0	100	
SVE-13		10/16/2019	1345	-50.40	21.66	0.1	2	2.1	18.6	20.9	93.9	5.8	88.1	
SVE-13		11/21/2019	1034	-36.70	22.31	0.0	1	2.0	18.9	28.4	111	13.2	97.8	
SVE-13		12/11/2019	1129	-39.90	22.13	0.0	1	1.5	19.5	25.6	77.2	2.3	74.9	
SVE-13		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-13		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-13		3/23/2020	1026	-36.40	21.21	0.0	0	1.8	19.0	16.2	59.3	2.6	56.7	
SVE-13		4/21/2020	1233	-37.80	21.90	0.0	1	1.2	19.8	19.6	68.1	1.2	66.9	
SVE-13		5/20/2020	1332	-40.40	21.25	0.0	0	1.2	19.6	17.7	81.2	3.3	77.9	
SVE-13		6/17/2020	1126	-30.19	22.48	0.0	1	1.4	19.4	14.9	73.5	1.8	71.7	
SVE-14	423.87 - 433.87 (10 - 20)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

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TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-15	424.15 - 434.15 (10 - 20)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16	423.97 - 433.97 (10 - 20)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		10/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17	424.42 - 434.42 (10 - 20)	7/17/2019	1249	-37.30	21.92	0.3	7	2.1	18.0	24.3	1328	1001	327	
SVE-17		8/21/2019	1146	-43.00	21.61	0.7	15	2.5	17.5	42.6	3741	3411	330	
SVE-17		9/16/2019	1412	-45.90	21.75	0.9	18	2.5	17.6	42.8	4645	4379	266	
SVE-17		10/16/2019	1320	-50.40	22.20	0.4	9	2.5	17.8	38.8	2022	1741	281	
SVE-17		11/21/2019	1152	-36.80	21.65	0.2	5	2.9	17.4	43.1	1322	1124	198	
SVE-17		12/11/2019	1121	-41.30	21.75	0.4	9	2.5	17.9	51.1	2124	1988	136	
SVE-17		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-17		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-17		3/23/2020	1004	-37.60	21.44	0.2	5	2.7	17.6	35.8	1791	1614	177	
SVE-17		4/20/2020	1212	-38.40	22.01	0.4	9	2.2	18.2	39.4	2481	2399	82.0	
SVE-17		5/20/2020	1321	-42.00	21.24	0.8	16	2.2	18.0	36.5	4998	4641	357	
SVE-17		6/17/2020	1115	-31.40	22.47	0.5	11	2.3	17.8	43.4	2837	2555	282	

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TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-18	426.93 - 436.93 (8 - 18)	7/17/2019	1239	-41.60	15.39	1.4	28	2.7	16.9	64.3	6186	5119	1067	
SVE-18		8/21/2019	1138	-48.20	15.86	0.3	6	2.7	17.5	24.6	1175	949	226	
SVE-18		9/16/2019	1402	-52.10	16.95	0.1	2	2.8	17.3	8.7	613	540	73.0	
SVE-18		10/16/2019	1315	-57.00	15.76	0.1	3	2.6	17.7	17.8	664	528	136	
SVE-18		11/21/2019	1017	-43.40	20.71	0.4	8	3.5	16.2	44.8	2559	2345	214	
SVE-18		12/11/2019	1115	-46.00	20.39	0.3	7	2.5	17.6	37.9	1486	1381	105	
SVE-18		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-18		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-18		3/23/2020	0947	-43.00	13.44	0.6	12	2.0	18.4	38.4	4510	4175	335	
SVE-18		4/20/2020	1203	-42.90	13.68	0.2	5	1.5	18.8	24.4	1319	1149	170	
SVE-18		5/20/2020	1311	-46.80	16.46	0.0	0	1.4	19.2	4.4	25.8	1.6	24.2	
SVE-18		6/17/2020	1106	-34.80	20.73	1.9	38	3.1	16.5	74.9	9461	9457	4.0	
SVE-19	423.44 - 433.44 (11 - 21)	7/17/2019	1229	-44.30	21.71	1.8	36	4.2	14.8	89.7	7874	6434	1440	
SVE-19		8/21/2019	1128	-52.70	21.60	1.7	35	4.4	15.0	102	8515	7554	961	
SVE-19		9/16/2019	1353	-54.10	19.17	2.1	42	4.3	15.0	111	10300	9542	758	
SVE-19		10/16/2019	1256	-62.10	21.45	1.5	31	4.4	15.0	139	8173	6949	1224	
SVE-19		11/21/2019	1008	-47.80	21.38	1.0	21	4.4	15.0	152	5703	5017	686	
SVE-19		12/11/2019	1106	-52.00	21.03	0.6	12	3.5	16.5	76.4	2606	2354	252	
SVE-19		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-19		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-19		3/23/2020	0936	-46.30	18.23	3.0	60	4.5	13.8	119	21200	19036	2164	
SVE-19		4/21/2020	1121	-48.50	20.10	2.7	54	4.0	15.4	172	14100	12125	1975	
SVE-19		5/20/2020	1300	-50.90	18.86	1.0	20	3.6	16.0	94.8	4526	3990	536	
SVE-19		6/17/2020	1056	-38.50	19.67	0.7	15	3.8	15.6	70.9	3139	2927	212	
SVE-20	409.67 - 419.67 (25 - 35)	7/17/2019	1431	-66.00	NE	9.1	OVR	5.6	12.7	325	30530	24670	5860	
SVE-20		8/21/2019	1118	-68.10	NE	6.0	OVR	5.7	12.9	357	22710	18430	4280	
SVE-20		9/16/2019	1316	-69.50	NE	3.8	76	5.8	12.5	262	24340	20230	4110	
SVE-20		10/16/2019	1237	-78.20	NE	3.1	62	5.8	12.7	197	16970	14510	2460	
SVE-20		11/21/2019	0957	-56.60	NE	6.3	OVR	6.4	12.1	361	28680	25170	3510	
SVE-20		12/11/2019	1048	-63.40	37.83	13.4	OVR	5.9	13.1	421	42930	37740	5190	
SVE-20		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-20		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-20		3/23/2020	0913	-60.70	NE	20.3	OVR	6.5	12.5	454	56200	43600	12600	
SVE-20		4/20/2020	1152	-60.50	35.01	11.0	OVR	5.7	13.0	329	43450	36640	6810	
SVE-20		5/20/2020	1215	-63.80	34.95	7.4	OVR	4.4	15.3	357	20690	16450	4240	
SVE-20		6/17/2020	1038	-53.50	NE	9.2	OVR	5.5	13.3	457	27180	20750	6430	

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Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-21	408.29 - 418.29 (25 - 35)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22	404.37 - 414.37 (25 - 35)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23	405.75 - 415.75 (15 - 25)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-24	409.22 - 419.22 (15 - 25)	7/18/2019	1013	-64.20	20.81	0.2	5	3.3	16.5	49.9	829	542	287	
SVE-24		8/21/2019	1511	-68.50	20.41	0.1	3	3.6	16.2	21.7	327	216	111	
SVE-24		9/17/2019	1243	-69.40	20.24	0.1	2	3.6	16.5	23.9	347	249	98.0	
SVE-24		10/17/2019	1055	-72.00	19.13	0.1	2	3.4	17.5	24.9	279	197	82.0	
SVE-24		11/21/2019	1150	-53.30	19.27	0.1	2	2.8	17.7	49.8	449	321	128	
SVE-24		12/11/2019	1444	-53.80	19.36	0.1	3	2.5	18.1	40.5	451	379	72.0	
SVE-24		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-24		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-24		3/23/2020	1407	-41.40	19.10	0.2	5	2.7	17.9	39.9	1678	1424	254	
SVE-24		4/21/2020	1348	-57.10	20.20	0.2	4	2.6	18.0	39.5	698	526	172	
SVE-24		5/21/2020	1053	-62.80	18.49	0.1	3	2.9	17.3	21.5	744	605	139	
SVE-24		6/18/2020	1133	-57.40	18.69	0.1	2	28.0	17.7	25.1	384	299	85.0	
SVE-25	422 - 432 (10 - 20)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26	405.6 - 415.6 (20 - 30)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		10/17/2019	NM	NM	28.63	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		12/11/2019	NM	NM	29.75	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		4/22/2020	NM	NM	29.22	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		5/21/2020	NM	NM	29.21	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

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SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-27	405.93 - 415.93 (20 - 30)	7/18/2019	1001	-65.10	25.66	2.1	42	2.4	17.7	156	3162	1221	1941	
SVE-27		8/21/2019	1522	-68.70	25.22	3.0	60	2.8	17.0	189	4367	1821	2546	
SVE-27		9/17/2019	1300	-70.30	24.78	3.1	62	3.1	16.8	237	5651	3109	2542	
SVE-27		10/17/2019	1030	-73.00	25.87	4.6	98	3.1	17.5	343	6913	3291	3622	
SVE-27		11/21/2019	1200	-48.90	25.71	10.3	OVR	2.7	17.7	453	10110	3152	6958	
SVE-27		12/11/2019	1455	-54.10	26.43	9.4	OVR	2.7	17.9	535	8249	2761	5488	
SVE-27		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-27		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-27		3/24/2020	1420	-46.00	25.80	11.8	OVR	2.6	17.9	613	15200	6761	8439	
SVE-27		4/21/2020	1410	-60.60	23.85	2.2	45	1.8	18.8	259	4061	2169	1892	
SVE-27		5/21/2020	1112	-63.30	24.91	2.4	49	2.1	18.1	234	5569	3732	1837	
SVE-27		6/18/2020	1149	-56.40	25.96	6.6	OVR	2.5	17.7	407	8153	3702	4451	
SVE-28	392.94 - 402.94 (41 - 51)	7/17/2019	NM	NM	40.88	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		8/21/2019	NM	NM	39.94	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		9/16/2019	NM	NM	39.45	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		10/16/2019	NM	NM	39.38	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		11/20/2019	NM	NM	39.90	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		12/11/2019	NM	NM	40.14	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		3/11/2020	NM	NM	40.22	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		4/22/2020	NM	NM	40.04	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		5/21/2020	NM	NM	39.70	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		6/18/2020	NM	NM	39.12	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29	412.93 - 422.93 (21 - 31)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		10/18/2019	1338	-43.80	NM	0.0	0	2.3	18.2	2.1	62.2	48.5	13.7	Test sample.
SVE-29		10/21/2019	1006	-48.30	NM	0.0	0	2.6	17.9	2.7	59.1	42.2	16.9	Test sample.
SVE-29		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

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Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-30	407.67 - 417.67 (25 - 35)	7/17/2019	1404	-39.40	32.93	1.6	32	4.7	13.9	166	2579	1013	1566	
SVE-30		8/21/2019	1244	-50.80	31.53	2.1	42	5.8	12.6	234	2523	889	1634	
SVE-30		9/16/2019	1525	-53.20	30.90	2.5	51	6.2	11.7	344	4260	1130	3130	
SVE-30		10/16/2019	1508	-59.70	30.50	2.1	42	6.5	12.0	252	2869	1107	1762	
SVE-30		11/21/2019	1127	-32.57	33.87	1.9	39	7.2	11.5	333	3320	1360	1960	
SVE-30		12/11/2019	1215	-37.25	34.07	1.1	23	5.8	14.1	218	1757	854	903	
SVE-30		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-30		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-30		3/23/2020	1233	-30.74	35.73	1.8	37	7.0	12.6	263	3519	1830	1689	
SVE-30		4/21/2020	1139	-36.00	35.18	1.2	23	5.2	14.6	192	2451	1309	1142	
SVE-30		5/20/2020	1431	-37.70	34.73	1.0	20	5.1	14.5	206	1431	456	975	
SVE-30		6/18/2020	1318	-36.13	34.75	0.9	18	4.7	14.9	182	1141	271	870	
SVE-31	407.81 - 417.81 (25 - 35)	7/17/2019	1355	-40.10	33.51	19.4	OVR	4.2	14.7	653	18700	6581	12119	
SVE-31		8/21/2019	1234	-49.90	33.64	28.3	OVR	4.5	14.4	811	22700	10049	12651	
SVE-31		9/16/2019	1513	-56.00	33.80	38.8	OVR	5.0	13.5	741	34270	15110	19160	
SVE-31		10/16/2019	1426	-60.20	33.42	18.6	OVR	3.8	15.9	864	18800	6593	12207	
SVE-31		11/21/2019	1110	-36.10	34.67	11.2	OVR	3.4	16.5	948	12600	4710	7890	
SVE-31		12/11/2019	1207	-37.25	33.28	7.5	OVR	2.9	17.4	825	7255	2506	4749	
SVE-31		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-31		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-31		3/23/2020	1223	-30.48	34.32	9.2	OVR	3.3	16.9	771	12600	4970	7630	
SVE-31		4/21/2020	1149	-36.10	34.18	5.8	OVR	2.8	17.3	643	8974	4199	4775	
SVE-31		5/20/2020	1421	-37.90	36.85	7.2	OVR	3.0	16.9	687	8949	3876	5073	
SVE-31		6/18/2020	1305	-35.69	33.96	8.7	ovr	3.2	16.7	722	8957	3805	5152	
SVE-32	408.63 - 418.63 (25 - 35)	7/17/2019	1339	-40.10	31.86	OVR	OVR	6.4	10.4	302	101000	57490	43510	
SVE-32		8/21/2019	1223	-51.40	32.04	OVR	OVR	7.0	9.6	564	99820	59870	39950	
SVE-32		9/16/2019	1505	-55.30	35.65	OVR	OVR	7.5	9.1	402	113000	74130	38870	
SVE-32		10/16/2019	1441	-60.40	33.43	49.1	OVR	6.4	11.3	499	56820	38640	18180	
SVE-32		11/21/2019	1059	-34.80	NE	OVR	OVR	6.9	10.5	786	90710	56430	34280	
SVE-32		12/11/2019	1200	-37.17	34.82	67.6	OVR	6.3	11.6	684	73170	50820	22350	
SVE-32		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-32		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-32		3/23/2020	1210	-30.70	36.49	OVR	OVR	6.7	11.3	731	113000	82650	30350	
SVE-32		4/21/2020	1200	-35.90	34.75	71.1	OVR	5.5	12.5	688	80240	55210	25030	
SVE-32		5/20/2020	1412	-38.60	35.10	71.2	OVR	5.7	11.9	754	71960	51460	20500	
SVE-32		6/18/2020	1255	-36.54	33.32	82.5	ovr	5.7	11.7	898	67790	42670	25120	

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-33	408.46 - 418.46 (25 - 35)	7/17/2019	1316	-41.30	35.91	10.9	OVR	6.0	12.0	399	19970	14510	5460	
SVE-33		8/21/2019	1258	-50.70	36.25	4.8	96	6.1	12.4	292	12870	9080	3790	
SVE-33		9/16/2019	1444	-57.00	37.52	2.9	58	5.9	12.7	224	10420	7270	3150	
SVE-33		10/16/2019	1408	-58.70	32.92	1.5	30	5.8	13.3	134	4626	3322	1304	
SVE-33		11/21/2019	1046	-33.71	35.55	4.4	89	6.9	11.7	350	12410	9110	3300	
SVE-33		12/11/2019	1144	-38.70	35.53	1.7	34	5.6	13.9	193	5672	4594	1078	
SVE-33		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-33		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-33		3/23/2020	1059	-32.10	NE	14.2	OVR	6.2	12.5	452	34590	29890	4700	
SVE-33		4/21/2020	1221	-36.90	35.29	9.2	OVR	5.5	13.2	362	28590	23150	5440	
SVE-33		5/20/2020	1352	-40.60	35.31	4.0	80	5.2	13.4	258	15320	12430	2890	
SVE-33		6/17/2020	1148	-31.20	36.32	7.9	OVR	6.1	11.7	414	19670	14580	5090	
SVE-34	398.76 - 418.76 (25 - 45)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35	402.84 - 412.84 (31 - 41)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-36	423.65 - 433.65 (10 - 20)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37	409 - 419 (25 - 35)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38	409 - 419 (25 - 35)	7/17/2019	1418	-28.60	28.02	0.0	0	1.6	18.9	2.8	22.3	0.0	22.3	
SVE-38		8/21/2019	1309	-35.00	28.62	0.0	0	1.8	18.8	1.1	11.3	5.4	5.9	
SVE-38		9/16/2019	1338	-35.90	27.76	0.1	2	2.0	18.7	11.4	342	221	121	
SVE-38		10/16/2019	1533	-42.00	27.34	0.0	0	2.1	18.6	2.8	27.9	14.3	13.6	
SVE-38		11/21/2019	1140	-29.01	28.95	0.0	0	2.1	18.9	4.6	77.6	58.3	19.3	
SVE-38		12/11/2019	1225	-31.73	28.07	0.0	0	2.0	19.3	1.5	15.2	9.9	5.3	
SVE-38		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-38		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-38		3/23/2020	1310	-27.48	28.39	0.0	1	2.1	19.1	13.2	261	190	71.0	
SVE-38		4/21/2020	1346	-31.00	28.05	0.0	0	1.9	19.3	1.5	17.9	12.6	5.3	
SVE-38		5/20/2020	1447	-32.10	28.05	0.0	0	1.8	19.2	0.2	0.0	0.0	0.0	
SVE-38		6/18/2020	1346	-30.34	28.68	0.0	0	1.8	19.2	0.0	0.0	0.0	0.0	

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TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-39	409.5 - 419.5 (25 - 35)	7/17/2019	1506	-26.30	31.38	1.7	34	2.6	17.3	104	4533	3013	1520	
SVE-39		8/21/2019	1410	-33.30	31.11	1.4	28	2.8	17.4	93.4	3972	2836	1136	
SVE-39		9/17/2019	1132	-35.30	30.66	1.1	23	2.7	17.6	99.0	3724	3145	579	
SVE-39		10/17/2019	0830	-41.20	30.41	0.8	17	2.7	18.2	68.2	2863	2212	651	
SVE-39		11/21/2019	1327	-28.06	31.39	1.1	22	2.8	17.6	92.2	3896	2992	904	
SVE-39		12/11/2019	1336	-31.17	31.14	0.7	15	2.6	18.0	71.7	2199	1785	414	
SVE-39		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-39		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-39		3/24/2020	1354	-27.01	31.35	1.3	26	2.9	17.5	78.5	6996	5655	1341	
SVE-39		4/21/2020	1441	-29.50	31.17	0.9	19	2.5	17.8	88.9	3107	2385	722	
SVE-39		5/21/2020	0747	-31.80	31.00	0.6	13	2.3	18.1	54.4	2382	1929	453	
SVE-39		6/18/2020	1101	-28.60	30.81	0.7	14	2.3	18.1	60.3	2374	1887	487	
SVE-40	409 - 419 (25 - 35)	7/17/2019	1518	-26.50	33.10	1.7	33	1.8	18.1	151	2505	941	1564	
SVE-40		8/21/2019	1420	-33.40	32.90	1.9	39	2.2	18.0	196	2907	1162	1745	
SVE-40		9/17/2019	1143	-33.40	31.93	1.9	39	2.3	18.0	273	3455	1459	1996	
SVE-40		10/17/2019	0948	-40.90	31.12	1.7	35	2.2	18.7	278	2711	1056	1655	
SVE-40		11/21/2019	1343	-28.36	33.38	1.9	39	2.2	18.3	323	3218	1459	1759	
SVE-40		12/11/2019	1344	-31.36	32.21	1.7	35	1.9	18.8	319	2307	990	1317	
SVE-40		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-40		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-40		3/24/2020	1227	-25.27	33.38	1.6	33	1.9	18.6	265	3544	1736	1808	
SVE-40		4/21/2020	1430	-24.90	32.60	1.7	34	1.8	18.6	268	3046	1508	1538	
SVE-40		5/21/2020	0800	-31.70	33.12	1.8	36	1.8	18.6	278	3817	1640	2177	
SVE-40		6/18/2020	1117	-28.70	33.02	1.9	38	1.9	18.5	275	3579	1681	1898	
SVE-41	413 - 423 (20 - 30)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

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TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-42	407.08 - 417.08 (25 - 35)	7/18/2019	0943	-42.80	30.11	0.0	0	2.2	18.6	0.1	1.8	1.0	0.8	
SVE-42		8/21/2019	1429	-50.20	29.37	0.0	0	2.2	18.2	1.7	74.4	55.2	19.2	
SVE-42		9/17/2019	1155	-49.80	28.40	0.0	0	2.1	18.5	1.9	80.5	74.0	6.5	
SVE-42		10/17/2019	0905	-64.30	27.03	0.0	0	1.9	19.0	1.2	51.1	41.8	9.3	
SVE-42		11/21/2019	1320	-47.50	29.68	0.1	3	2.2	18.4	14.8	541	413	128	
SVE-42		12/11/2019	1355	-36.43	30.61	0.2	4	2.0	19.0	19.3	556	443	113	
SVE-42		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-42		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-42		3/24/2020	1257	-51.05	29.33	0.2	5	2.8	18.2	28.5	615	360	255	
SVE-42		4/22/2020	0837	-52.70	28.70	0.1	2	1.9	19.2	10.5	152	61.2	90.8	
SVE-42		5/21/2020	0815	-55.90	26.00	0.0	0	1.7	19.3	5.3	74.7	30.3	44.4	
SVE-42		6/18/2020	1430	-22.98	34.55	0.5	11	2.8	17.7	25.3	1886	1613	273	
SVE-43	407.12 - 417.12 (25 - 35)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		10/18/2019	1425	-46.90	NM	0.0	0	1.8	19.4	0.4	0.0	0.0	0.0	Test sample.
SVE-43		10/21/2019	1102	-45.80	NM	0.0	0	2.1	19.0	0.3	2.2	1.2	1.0	Test sample.
SVE-43		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44	407.46 - 417.46 (25 - 35)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		4/22/2020	NM	NM	34.57	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		5/21/2020	NM	NM	34.55	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		6/18/2020	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	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-45	400.58 - 405.58 (37 - 42)	8/21/2019	NM	NM	35.79	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		9/16/2019	NM	NM	35.77	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		10/16/2019	NM	NM	35.87	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		11/20/2019	NM	NM	36.79	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		12/11/2019	NM	NM	37.07	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		3/11/2020	NM	NM	36.70	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		4/22/2020	NM	NM	36.63	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		5/21/2020	NM	NM	36.39	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46	417.85 - 427.85 (15 - 25)	7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		4/22/2020	NM	NM	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		5/21/2020	NM	NM	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47	419.01 - 429.01 (15 - 25)	7/18/2019	0856	-43.20	17.87	0.0	0	0.6	20.4	0.1	0.0	0.0	0.0	
SVE-47		8/21/2019	1502	-50.80	18.18	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
SVE-47		9/17/2019	1224	-49.80	18.05	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	
SVE-47		10/17/2019	1012	-63.70	18.22	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
SVE-47		11/21/2019	1340	-47.00	18.33	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
SVE-47		12/11/2019	1422	-42.11	18.86	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
SVE-47		1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-47		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-47		3/23/2020	1343	-12.80	19.69	0.0	0	0.2	20.7	0.7	3.2	2.3	0.9	
SVE-47		4/22/2020	0817	-52.90	18.05	0.0	0	0.2	20.8	0.1	0.0	0.0	0.0	
SVE-47		5/21/2020	1009	-55.20	17.83	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
SVE-47		6/19/2020	0827	-49.70	18.65	0.0	0	0.5	20.5	0.6	1.3	0.0	1.3	

Notes:

1) NM = Not Measured; NA = Not Applicable; NE = Not Encountered; PID = Photo Ionization Detector; THC = Total Hydrocarbon Concentration; PHC = Petroleum Hydrocarbon Concentration; OVR = Over-range; ppmv = Parts Per Million By Volume; btoc = Below Top of Casing; bgs = Below Ground Surface.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-1-5	7/18/2019	0804	-0.90	-0.52	0.0	0	1.1	19.7	0 0	0.0	0 0	0.0	
VMP-1-5	8/22/2019	0900	-0.97	-0.46	0.0	0	1.1	19.7	0 3	0.0	0 0	0.0	
VMP-1-5	9/17/2019	0837	-1.04	-0.54	0.0	0	1 0	19 8	0.1	0.0	0 0	0.0	
VMP-1-5	10/17/2019	0927	-0.96	-0.40	0.0	0	0 6	20 3	0.1	0.0	0 0	0.0	
VMP-1-5	11/21/2019	0924	-0.88	-0.55	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-1-5	12/11/2019	1430	-0.10	-0.45	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-1-5	1/21/2020	1110	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-1-5	2/20/2020	1224	0 08	0.10	0.0	0	0.1	20 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-1-5	3/11/2020	1426	0 09	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-1-5	4/20/2020	1500	-1.19	-3.40	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-1-5	5/21/2020	0845	-1.23	-0.49	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-1-5	6/18/2020	0835	-0.96	-0.66	0.0	0	0 3	20.4	0.4	0.0	0 0	0.0	
VMP-1-8 5	7/18/2019	0806	-3.42	-0.46	0.0	0	0 5	20.4	0 0	0.0	0 0	0.0	
VMP-1-8 5	8/22/2019	0902	-0.98	-0.65	0.0	0	0 5	20.4	0 2	0.0	0 0	0.0	
VMP-1-8 5	9/17/2019	0838	-1.03	-0.69	0.0	0	0 5	20.4	0.1	0.0	0 0	0.0	
VMP-1-8 5	10/17/2019	0928	-0.97	-0.55	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	
VMP-1-8 5	11/21/2019	0925	-0.58	-0.55	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-1-8 5-Dup	11/21/2019	0925	NM	NM	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-1-8 5	12/11/2019	1431	-0.58	-0.61	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-1-8 5	1/21/2020	1111	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-1-8 5	2/20/2020	1225	-0.33	0.11	0.0	0	0.1	20 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-1-8 5	3/11/2020	1427	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-1-8 5	4/20/2020	1501	-0.50	-3.40	0.0	0	0.1	20 8	0.1	0.0	0 0	0.0	
VMP-1-8 5	5/21/2020	0846	-1.23	-0.72	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-1-8 5	6/18/2020	0836	-1.91	-0.28	0.0	0	0 2	20 6	0 6	0.0	0 0	0.0	
VMP-1-23.5	7/18/2019	0808	-0.87	-0.88	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-1-23.5	8/22/2019	0904	-1.00	-0.99	0.0	0	0 2	20.7	0 3	0.0	0 0	0.0	
VMP-1-23.5	9/17/2019	0839	-1.05	-0.84	0.0	0	0 2	20.7	0 5	0.0	0 0	0.0	
VMP-1-23.5	10/17/2019	0929	-0.97	-0.82	0.0	0	0.1	20 8	0.1	0.0	0 0	0.0	
VMP-1-23.5	11/21/2019	0926	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water in tedlar. Sample not screened.
VMP-1-23.5	12/11/2019	1432	-0.65	-0.95	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-1-23.5	1/21/2020	1112	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-1-23.5	2/20/2020	1226	6.16	0 00	0.0	0	0 0	20.7	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-1-23.5	3/11/2020	1428	-0.15	0 00	0.0	0	0 0	20 8	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-1-23.5	4/20/2020	1502	-3.50	-3.40	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-1-23.5	5/21/2020	0847	-7.47	-1.07	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-1-23.5	6/18/2020	0837	-0.59	-0.19	0.0	0	0.1	20 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-1-38.5	7/18/2019	0810	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	8/22/2019	0906	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	9/17/2019	0840	-1.04	-0.95	0.0	0	0.1	20 8	0 2	0.0	0 0	0.0	
VMP-1-38.5	10/17/2019	0930	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	11/21/2019	0927	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	12/11/2019	1433	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	1/21/2020	1113	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-1-38.5	2/20/2020	1227	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	3/11/2020	1429	0 00	0.11	0.0	0	0.1	20 8	0.1	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-1-38.5	4/20/2020	1503	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	5/21/2020	0848	-1.23	-1.15	0.0	0	0 0	20 8	0 0	0.0	0 0	0.0	
VMP-1-38.5	6/18/2020	0838	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-5	7/18/2019	1100	0 00	0 00	0.0	0	5.1	15.4	0 0	0.0	0 0	0.0	
VMP-2-5	8/22/2019	1002	0 00	0 00	0.0	0	5 6	15 3	0 0	0.0	0 0	0.0	
VMP-2-5	9/17/2019	0922	0 00	0 00	0.0	0	5 0	16 0	0 0	0.0	0 0	0.0	
VMP-2-5	10/17/2019	1001	0 00	0 00	0.0	0	3 8	17 8	0 0	0.0	0 0	0.0	
VMP-2-5	11/21/2019	0950	0 00	0 00	0.0	0	2 2	18.7	0 0	0.0	0 0	0.0	
VMP-2-5	12/12/2019	0835	0 00	0 00	0.0	0	1 5	19 8	0 0	0.0	0 0	0.0	
VMP-2-5	1/21/2020	1135	0 00	0 00	0.0	0	1 3	19 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-2-5	2/20/2020	1117	0 00	0 00	0.0	0	0 8	20 2	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-2-5	3/11/2020	1451	0 00	-0.09	0.0	0	1.7	19 6	0.1	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-2-5	4/21/2020	0815	-0.10	0 00	0.0	0	1 6	19 5	0 0	0.0	0 0	0.0	
VMP-2-5	5/21/2020	0912	0 00	0 00	0.0	0	1.7	19.1	0 0	0.0	0 0	0.0	
VMP-2-5	6/18/2020	0845	0 00	0 00	0.0	0	3 6	16.7	0 0	0.0	0 0	0.0	
VMP-2-8 5	7/18/2019	1102	0 00	0 00	0.0	0	3 3	16.7	0 0	0.0	0 0	0.0	
VMP-2-8 5	8/22/2019	1004	0 00	0 00	0.0	0	4 5	16.1	0 0	0.0	0 0	0.0	
VMP-2-8 5	9/17/2019	0923	0 00	0 00	0.0	0	4 5	16 2	0 0	0.0	0 0	0.0	
VMP-2-8 5	10/17/2019	1002	0 00	0 00	0.0	0	4.4	17.1	0 0	0.0	0 0	0.0	
VMP-2-8 5	11/21/2019	0951	0 00	0 00	0.0	0	3 6	17 9	0 0	0.0	0 0	0.0	
VMP-2-8 5	12/12/2019	0836	0 00	0 00	0.0	0	2 6	19 2	0 0	0.0	0 0	0.0	
VMP-2-8 5	1/21/2020	1136	0 00	0.18	0.0	0	2.4	19 5	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-2-8 5	2/20/2020	1118	-0.25	0 00	0.0	0	2 2	19.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-2-8 5	3/11/2020	1452	0 00	0 00	0.0	0	2 5	19 3	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-2-8 5	4/21/2020	0816	-0.28	-0.04	0.0	0	2 0	19 3	0 0	0.0	0 0	0.0	
VMP-2-8 5	5/21/2020	0913	0 00	0 00	0.0	0	2 0	19 0	0 0	0.0	0 0	0.0	
VMP-2-8 5	6/18/2020	0846	0 00	-0.10	0.0	0	2 5	18 0	0 0	0.0	0 0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-2-22	7/18/2019	1104	-0.12	-0.17	0.0	0	2.7	17 5	0 0	0.0	0 0	0.0	
VMP-2-22	8/22/2019	1006	-0.32	-0.38	0.0	0	3 6	17 0	0 0	0.0	0 0	0.0	
VMP-2-22	9/17/2019	0924	-0.25	-0.24	0.0	0	3 9	16.7	0 0	0.0	0 0	0.0	
VMP-2-22	10/17/2019	1003	-0.30	-0.18	0.0	0	3 9	17.4	0 0	0.0	0 0	0.0	
VMP-2-22	11/21/2019	0952	-0.24	-0.14	0.0	0	3 9	17 5	0 0	0.0	0 0	0.0	
VMP-2-22	12/12/2019	0837	-0.28	-0.20	0.0	0	2 9	18 9	0 0	0.0	0 0	0.0	
VMP-2-22	1/21/2020	1137	0 22	0 51	0.0	0	1 9	19 6	0.1	2.3	2 3	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-2-22	2/20/2020	1119	-0.12	0.18	0.0	0	2.7	19 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-2-22	3/11/2020	1453	0 00	0.17	0.0	0	3.1	18.7	0.1	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-2-22	4/21/2020	0817	-0.76	-0.14	0.0	0	2.1	19.4	0 0	0.0	0 0	0.0	
VMP-2-22-Dup	4/21/2020	0817	NM	NM	0.0	0	2 2	19 3	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-2-22	5/21/2020	0914	-0.24	-0.23	0.0	0	2 2	18 8	0 0	0.0	0 0	0.0	
VMP-2-22	6/18/2020	0847	-0.17	-0.23	0.0	0	2.4	18 2	0.1	0.0	0 0	0.0	
VMP-2-42	7/18/2019	1106	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	8/22/2019	1008	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	9/17/2019	0925	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	10/17/2019	1004	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	11/21/2019	0953	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	12/12/2019	0838	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	1/21/2020	1138	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	2/20/2020	1120	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	3/11/2020	1454	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	4/21/2020	0818	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	5/21/2020	0915	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	6/18/2020	0848	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-5	7/18/2019	0854	0 00	0 00	0.0	0	0 5	19 9	0 0	0.0	0 0	0.0	
VMP-3-5	8/22/2019	0954	-0.15	-0.16	0.0	0	0 6	20.4	0 0	0.0	0 0	0.0	
VMP-3-5	9/17/2019	1016	-0.92	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-3-5	10/17/2019	1116	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-3-5	11/21/2019	1040	-0.38	-0.23	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-3-5	12/12/2019	0911	-0.12	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-3-5	1/21/2020	1230	0 00	0 00	0.0	0	0 0	20.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-3-5	2/20/2020	1331	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-3-5	3/12/2020	909	0 00	0 00	0.0	0	0 0	20 5	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-3-5	4/21/2020	0838	-0.05	-0.25	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-3-5	5/21/2020	1011	-0.15	-0.09	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-3-5	6/18/2020	1020	-0.15	-0.13	0.0	0	0.4	20 6	0 0	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-3-10	7/18/2019	0856	-1.29	0 00	0.0	0	1.1	19 9	0 0	0.0	0 0	0.0	
VMP-3-10	8/22/2019	0955	-1.68	-0.81	0.0	0	0 6	19 9	0.1	0.0	0 0	0.0	
VMP-3-10-Dup	8/22/2019	0955	NM	NM	0.0	0	0 9	19 9	0.1	0.0	0 0	0.0	Duplicate sample.
VMP-3-10	9/17/2019	1017	-0.66	-0.55	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-3-10	10/17/2019	1117	-0.84	-0.83	0.0	0	0.1	20 8	0.1	0.0	0 0	0.0	
VMP-3-10	11/21/2019	1041	-0.96	-0.91	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-3-10	12/12/2019	0912	-0.58	-0.51	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-3-10	1/21/2020	1231	0 00	0 22	0.0	0	0 3	20 5	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-3-10	2/20/2020	1332	0 00	0 00	0.0	0	0 5	19 9	0 0	14 2	14.2	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-3-10	3/12/2020	0910	0.10	0 00	0.0	0	0.4	20 5	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-3-10	3/12/2020	910	0.10	0 00	0.0	0	0.4	20 5	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-3-10-Dup	3/12/2020	910	NM	NM	0.0	0	0.4	20 5	0 0	0.0	0 0	0.0	Duplicate sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-3-10	4/21/2020	0839	-0.18	-0.70	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-3-10	5/21/2020	1012	-0.46	-0.46	0.0	0	0 2	20 6	0 2	0.0	0 0	0.0	
VMP-3-10	6/18/2020	1021	-0.54	-0.56	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	
VMP-3-22	7/18/2019	0858	-1.61	-1.52	0.0	0	1 6	19.7	0 0	0.0	0 0	0.0	
VMP-3-22	8/22/2019	0956	-2.03	-2.05	0.0	0	1 6	19.7	0 0	0.0	0 0	0.0	
VMP-3-22	9/17/2019	1018	-1.72	-1.67	0.0	0	1 6	19 3	0 0	0.0	0 0	0.0	
VMP-3-22	10/17/2019	1118	-1.38	-1.44	0.0	0	1.4	19 8	0 0	0.0	0 0	0.0	
VMP-3-22	11/21/2019	1042	-1.53	-1.55	0.0	0	0.7	20.4	0 0	0.0	0 0	0.0	
VMP-3-22	12/12/2019	0913	-1.38	-1.32	0.0	0	0 6	20.4	0 0	0.0	0 0	0.0	
VMP-3-22	1/21/2020	1232	-0.28	0 35	0.0	0	0 6	19 5	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-3-22	2/20/2020	1333	0 00	0 00	0.0	0	1.7	17.7	0.1	9.2	9 2	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-3-22	3/12/2020	911	0.15	0 00	0.0	0	0 9	19 9	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-3-22	4/21/2020	0840	-0.50	-1.88	0.0	0	0 5	20 2	0 0	0.0	0 0	0.0	
VMP-3-22	5/21/2020	1013	-2.01	-1.85	0.0	0	0 8	20 0	0 0	0.0	0 0	0.0	
VMP-3-22	6/18/2020	1022	-1.27	-1.35	0.0	0	1 2	19.7	0 0	0.0	0 0	0.0	
VMP-3-31.5	7/18/2019	0900	-7.31	-7.23	0.0	0	5 0	15 6	0 0	0.0	0 0	0.0	
VMP-3-31.5	8/22/2019	0951	-8.99	-9.08	0.0	0	5 5	14 5	0.1	8.3	8 3	0.0	
VMP-3-31.5	9/17/2019	1019	-7.59	-7.45	0.0	0	6.1	12 6	0.1	50 8	50.8	0.0	
VMP-3-31.5	10/17/2019	1119	-5.77	-6.65	70.2	OVR	10.1	4.6	725	57460	35120	22340	Re-sampled due to elevated concentrations.
VMP-3-31.5	10/17/2019	1542	-6.39	NM	70.8	OVR	10.0	4.9	739	58290	35220	23070	Re-sample.
VMP-3-31.5	10/21/2019	1300	NM	NM	OVR	OVR	10.9	3.9	622	83420	49580	33840	
VMP-3-31.5	11/21/2019	1043	-9.18	-9.35	82.1	OVR	7 3	10.4	286	99860	68130	31730	
VMP-3-31.5	12/12/2019	0914	-6.85	-6.80	39.5	OVR	7.1	11 6	284	52030	36680	15350	
VMP-3-31.5	1/21/2020	1233	0 65	0.73	0.0	1	9 2	10 3	1 0	310	293	17 0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-3-31.5	2/20/2020	1334	0.11	0.14	0.0	1	12.7	4.1	0.4	246	232	14 0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-3-31.5	3/12/2020	0912	0.47	0.12	0.0	1	13.0	3.3	5 2	508	447	61 0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-3-31.5	3/12/2020	912	0.47	0.12	0.0	1	13.0	3.3	5 2	508	447	61 0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-3-31.5	4/21/2020	0841	-0.62	-8.16	6.3	OVR	10.5	7.5	392	17010	11710	5300	
VMP-3-31.5	5/21/2020	1014	-6.50	-6.35	5.5	OVR	13.2	4.2	137	17710	13230	4480	
VMP-3-31.5	6/18/2020	1023	-5.23	-5.94	0.1	3	10.3	9.1	3.1	1250	1040	210	

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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-3-39	7/18/2019	0902	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	8/22/2019	0958	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	9/17/2019	1020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	10/17/2019	1120	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	11/21/2019	1044	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	12/12/2019	0915	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	1/21/2020	1234	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	2/20/2020	1335	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	3/12/2020	913	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	4/21/2020	0842	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	5/21/2020	1015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	6/18/2020	1024	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-5	7/18/2019	1020	-0.89	-0.89	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-4-5	8/22/2019	0802	-1.14	-1.07	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-4-5	9/17/2019	0922	-3.75	-3.75	0.0	0	0.1	20 6	0 0	0.0	0 0	0.0	
VMP-4-5	10/17/2019	1230	-0.86	-0.85	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-4-5	11/21/2019	0954	-1.62	-1.23	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-4-5	12/12/2019	1104	-1.09	-1.00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-4-5	1/21/2020	0930	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-4-5	2/20/2020	1215	0 00	0 00	0.0	0	0.1	20 8	0 0	4.6	4 6	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-4-5	3/12/2020	0917	0 22	0 00	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-4-5	4/21/2020	0852	-0.33	-0.37	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-4-5	5/21/2020	0830	-1.44	-1.35	0.0	0	0 2	20 6	0 0	0.0	0 0	0.0	
VMP-4-5	6/18/2020	1116	-0.16	-1.12	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-4-12	7/18/2019	1022	-1.75	-1.80	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-4-12	8/22/2019	0803	-2.22	-2.17	0.0	0	0 5	20 5	0 0	0.0	0 0	0.0	
VMP-4-12-Dup	8/22/2019	0803	NM	NM	0.0	0	0 5	20 5	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-4-12	9/17/2019	0932	-1.97	-2.05	0.0	0	0 2	20 8	0 0	0.0	0 0	0.0	
VMP-4-12	10/17/2019	1231	-1.99	-1.92	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-4-12	11/21/2019	0956	-3.08	-2.70	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-4-12	12/12/2019	1105	-2.07	-1.97	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-4-12	1/21/2020	0931	0 00	0 00	0.0	0	0 0	20 9	0 0	1.8	1 8	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-4-12-Dup	1/21/2020	0931	NM	NM	0.0	0	0 0	20 9	0 0	1.9	1 9	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-4-12	2/20/2020	1216	-0.15	0 00	0.0	0	0.1	20 5	0 0	16 8	16.8	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-4-12	3/12/2020	0918	-0.13	0 00	0.0	0	0.1	20 6	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-4-12	4/21/2020	0853	-0.61	-2.43	0.0	0	0 2	20 6	0 0	0.0	0 0	0.0	
VMP-4-12	5/21/2020	0831	-2.38	-2.29	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	
VMP-4-12	6/18/2020	1118	-2.16	0 00	0.0	0	0 3	20.7	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-4-23.5	7/18/2019	1024	-5.18	-5.26	0.0	0	2.1	18.4	0.1	7.1	6 6	0.5	
VMP-4-23.5-Dup	7/18/2019	1024	NM	NM	0.0	0	2.1	18 2	0.1	8.5	7.1	1.4	Duplicate sample.
VMP-4-23.5	8/22/2019	0804	-5.50	-5.40	0.0	0	2 5	18 3	0.1	9.7	9.1	0.6	
VMP-4-23.5	9/17/2019	0934	-5.14	-5.11	0.0	0	2 8	18.7	0.1	7.9	7 9	0.0	
VMP-4-23.5	10/17/2019	1232	-4.41	-4.36	0.0	0	2 5	18 6	0.1	42 6	42.6	0.0	
VMP-4-23.5	11/21/2019	0958	-5.83	-5.79	0.0	0	3.1	18.4	0.1	23 3	23.3	0.0	
VMP-4-23.5	12/12/2019	1106	-5.56	-5.26	0.0	0	2.1	19.1	0.1	11 8	11.8	0.0	
VMP-4-23.5	1/21/2020	0932	0 00	0 00	0.0	0	2 5	19.1	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-4-23.5	2/20/2020	1217	-0.51	0 00	0.0	0	2 8	17.1	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-4-23.5	3/12/2020	0919	0 35	0 30	0.0	0	4.4	17 5	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-4-23.5-Dup	3/12/2020	0919	NM	NM	0.0	0	4.4	17 6	0 0	0.0	0 0	0.0	Duplicate sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-4-23.5	4/21/2020	0854	0 00	-7.09	0.0	0	1 8	19.1	0 0	0.0	0 0	0.0	
VMP-4-23.5	5/21/2020	0832	-6.61	-6.34	0.0	0	1 3	19.7	0 0	0.0	0 0	0.0	
VMP-4-23.5	6/18/2020	1120	-5.52	-5.48	0.0	0	1 6	19 3	0 0	0.0	0 0	0.0	
VMP-4-39	7/18/2019	1026	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	8/22/2019	0805	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	9/17/2019	0936	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	10/17/2019	1210	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	11/21/2019	1000	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	12/12/2019	1107	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	1/21/2020	0933	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	2/20/2020	1218	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	3/12/2020	920	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	4/21/2020	0855	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	5/21/2020	0833	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	6/18/2020	1122	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-5	7/18/2019	1254	0 00	0 00	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-5-5	8/21/2019	1507	0 00	0 00	0.0	0	0 0	20 8	0.1	0.0	0 0	0.0	
VMP-5-5	9/17/2019	0832	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-5-5	10/17/2019	1140	-0.09	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-5-5	11/21/2019	0848	-0.10	-0.10	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-5-5	12/12/2019	1146	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-5-5	1/21/2020	0810	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-5-5	2/20/2020	1025	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-5-5	3/11/2020	1440	-0.15	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-5-5	4/21/2020	1235	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-5-5	5/20/2020	1330	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-5-5	6/18/2020	1022	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-5-5-Dup	6/18/2020	1022	NM	NM	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	Duplicate sample.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-5-12.5	7/18/2019	1255	-0.41	-0.44	0.0	0	0 5	20.4	0.1	0.0	0 0	0.0	
VMP-5-12.5	8/21/2019	1508	-0.42	-0.40	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-5-12.5	9/17/2019	0834	-0.50	-0.47	0.0	0	0.4	20 5	0 0	0.0	0 0	0.0	
VMP-5-12.5	10/17/2019	1141	-0.48	-0.43	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-5-12.5	11/21/2019	0850	-0.57	-0.58	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-5-12.5	12/12/2019	1147	0 00	-0.41	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-5-12.5	1/21/2020	0811	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-5-12.5	2/20/2020	1026	-0.30	0 00	0.0	0	0 3	20 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-5-12.5	3/11/2020	1441	0 00	0 00	0.0	0	0.1	20 6	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-5-12.5	4/21/2020	1236	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-5-12.5	5/20/2020	1331	-0.71	-0.63	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-5-12.5	6/18/2020	1024	-0.55	-0.56	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-5-31	7/18/2019	1256	-1.72	-1.67	0.0	0	1 6	19 5	0.1	0.0	0 0	0.0	
VMP-5-31	8/21/2019	1509	-1.57	-1.50	0.0	0	1.7	19.4	0 0	0.0	0 0	0.0	
VMP-5-31	9/17/2019	0836	-1.88	-1.84	0.0	0	1 8	19.4	0 0	0.0	0 0	0.0	
VMP-5-31	10/17/2019	1142	-1.60	-1.49	0.0	0	1.4	20 0	0 0	0.0	0 0	0.0	
VMP-5-31	11/21/2019	0852	-1.99	-2.02	0.0	0	1 2	20 0	0 0	0.0	0 0	0.0	
VMP-5-31-Dup	11/21/2019	0852	NM	NM	0.0	0	1.1	20 0	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-5-31	12/12/2019	1148	-1.56	-1.56	0.0	0	0.7	20 3	0 0	0.0	0 0	0.0	
VMP-5-31	1/21/2020	0812	0 00	0 00	0.0	0	0 9	20 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-5-31-Dup	1/21/2020	0812	NM	NM	0.0	0	0 8	20 3	0 0	0.0	0 0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-5-31	2/20/2020	1027	-0.57	-0.22	0.0	0	1.1	19.7	0 0	14 9	14.9	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-5-31	3/11/2020	1442	0 30	0 31	0.0	0	1 0	19 9	0 0	0.0	0 0	0.0	
VMP-5-31	4/21/2020	1337	-2.17	-2.80	0.0	0	0.7	20 3	0 0	0.0	0 0	0.0	
VMP-5-31-Dup	4/21/2020	1337	NM	NM	0.0	0	0.7	20 3	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-5-31	5/20/2020	1332	-2.14	-2.09	0.0	0	0 9	20 0	0 0	0.0	0 0	0.0	
VMP-5-31	6/18/2020	1026	-1.88	-0.92	0.0	0	1.1	19 9	0 0	0.0	0 0	0.0	
VMP-5-40	7/18/2019	1257	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	8/21/2019	1510	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	9/17/2019	0837	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	10/17/2019	1143	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	11/21/2019	0854	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	12/12/2019	1149	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	1/21/2020	0813	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	2/20/2020	1028	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	3/11/2020	1443	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	4/21/2020	1238	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	5/20/2020	1333	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	6/18/2020	1028	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-6-5	7/18/2019	0939	-0.11	-0.13	0.0	0	0 0	20 8	0.1	0.0	0 0	0.0	
VMP-6-5	8/21/2019	1407	-0.19	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-6-5	9/16/2019	1504	-0.14	-0.11	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-6-5	10/17/2019	1008	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-6-5	11/20/2019	1450	0.43	0 80	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-6-5	12/12/2019	1036	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-6-5	1/20/2020	1440	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-6-5	2/20/2020	0915	-0.10	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-6-5	3/11/2020	1320	0 00	0 00	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-6-5	4/21/2020	1311	0 00	-0.11	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-6-5	5/20/2020	1230	-0.15	-0.24	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-6-5	6/18/2020	0940	0 00	-0.10	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-6-10	7/18/2019	0940	-0.33	-0.31	0.0	0	0 9	20.1	0.1	0.0	0 0	0.0	
VMP-6-10	8/21/2019	1408	-0.40	-0.28	0.0	0	0.7	20.4	0 0	0.0	0 0	0.0	
VMP-6-10	9/16/2019	1506	-0.65	-0.33	0.0	0	0 6	20.1	0 0	0.0	0 0	0.0	
VMP-6-10	10/17/2019	1009	-0.33	-0.29	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	
VMP-6-10	11/20/2019	1452	0 00	0 00	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-6-10	12/12/2019	1037	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-6-10	1/20/2020	1441	0 00	0 00	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-6-10	2/20/2020	0916	-0.13	-0.19	0.0	0	0 2	20 2	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-6-10	3/11/2020	1321	0 09	0 00	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-6-10	4/21/2020	1312	-0.41	-0.44	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-6-10	5/20/2020	1321	-0.54	-0.44	0.0	0	0 2	20 6	0 0	0.0	0 0	0.0	
VMP-6-10	6/18/2020	0942	0 00	-0.37	0.0	0	0.7	20 3	0 0	0.0	0 0	0.0	
VMP-6-10-Dup	6/18/2020	0942	NM	NM	0.0	0	0.7	20 2	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-6-31.5	7/18/2019	0941	-0.77	-0.63	0.0	0	1 9	19 2	0.1	5.4	5.4	0.0	
VMP-6-31.5-Dup	7/18/2019	0941	NM	NM	0.0	0	2 0	19.1	0.1	6.1	6.1	0.0	Duplicate sample.
VMP-6-31.5	8/21/2019	1409	-0.94	-0.69	0.0	0	1.7	19 6	0.1	5.6	5 6	0.0	
VMP-6-31.5	9/16/2019	1508	-0.65	-0.70	0.0	0	1 9	18.7	0.1	5.9	5 9	0.0	
VMP-6-31.5	10/17/2019	1010	-0.82	-0.76	0.0	0	2 2	19.1	0 0	9.5	9 5	0.0	
VMP-6-31.5	11/20/2019	1454	0 00	0 09	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-6-31.5	11/21/2019	1100	-0.57	NM	0.0	0	1 8	19 5	0 0	0.0	0 0	0.0	Re-sample. Re-sampled because ambient air was inadvertently introduced into initial sample.
VMP-6-31.5	12/12/2019	1038	0 00	-0.44	0.0	0	1 8	19 6	0 0	0.0	0 0	0.0	
VMP-6-31.5	1/20/2020	1442	0 00	0 00	0.0	0	1 5	19 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-6-31.5	2/20/2020	0917	-0.27	-0.10	0.0	0	0 8	19 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-6-31.5	3/11/2020	1322	0 00	0 00	0.0	0	1 2	19 6	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-6-31.5	4/21/2020	1313	-0.71	-0.47	0.0	0	1 5	19 9	0 0	0.0	0 0	0.0	
VMP-6-31.5	5/20/2020	1232	-0.32	-0.75	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	
VMP-6-31.5	6/18/2020	0944	-0.80	-0.82	0.0	0	1.4	19 6	0 0	9.9	9 9	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-6-39	7/18/2019	0942	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	8/21/2019	1410	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	9/16/2019	1509	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	10/17/2019	1011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	11/21/2019	1120	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	12/12/2019	1039	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	1/20/2020	1443	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	2/20/2020	0918	-4.12	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	3/11/2020	1323	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	4/21/2020	1314	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	5/20/2020	1233	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	6/18/2020	0946	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-5	7/18/2019	0855	-0.81	-0.61	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-7-5	8/21/2019	1324	-1.31	-0.69	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-7-5	9/16/2019	1425	-0.96	-0.62	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-7-5	10/17/2019	0951	-0.62	-0.55	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-7-5	11/20/2019	1408	0 00	0 00	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-7-5	12/12/2019	1025	-0.59	-0.48	0.0	0	0 0	20 9	0 0	4.4	4.4	0.0	
VMP-7-5	1/20/2020	1421	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-7-5	2/20/2020	0835	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-7-5	3/11/2020	1114	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-7-5	4/21/2020	1406	-1.06	-0.60	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-7-5	5/20/2020	1110	-0.71	-0.86	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-7-5	6/18/2020	0922	-1.09	-0.64	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-7-13.5	7/18/2019	0856	-1.50	-1.29	0.0	0	0 3	20 6	0.1	0.0	0 0	0.0	
VMP-7-13.5	8/21/2019	1325	-1.61	-1.47	0.0	0	0 3	20 5	0 0	0.0	0 0	0.0	
VMP-7-13.5	9/16/2019	1427	-1.01	-1.29	0.0	0	0 2	20 6	0 2	0.0	0 0	0.0	
VMP-7-13.5	10/17/2019	0952	-1.46	-1.37	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-7-13.5	11/20/2019	1410	0.75	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-7-13.5	12/12/2019	1026	-1.29	-1.09	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-7-13.5-Dup	12/12/2019	1026	NM	NM	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-7-13.5	1/20/2020	1422	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-7-13.5	2/20/2020	0836	-0.73	0 00	0.0	0	0.1	20.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-7-13.5	3/11/2020	1115	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-7-13.5	4/21/2020	1407	-2.06	-1.37	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-7-13.5	5/20/2020	1111	-61 26	-1.70	0.0	0	0.1	20 5	0 0	0.0	0 0	0.0	
VMP-7-13.5	6/18/2020	0924	-1.26	-1.32	0.0	0	0 2	20.7	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-7-29.5	7/18/2019	0857	-1.88	-0.27	0.0	0	2 3	18 8	0.1	0.0	0 0	0.0	
VMP-7-29.5	8/21/2019	1326	-1.57	-1.73	0.0	0	2 3	18 5	0 0	0.0	0 0	0.0	
VMP-7-29.5	9/16/2019	1429	-1.51	-1.54	0.0	0	2 5	18 2	0.1	0.0	0 0	0.0	
VMP-7-29.5	10/17/2019	0953	-1.81	-1.72	0.0	0	2 3	19 2	0 0	0.0	0 0	0.0	
VMP-7-29.5-Dup	10/17/2019	0953	NM	NM	0.0	0	2 2	19 3	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-7-29.5	11/20/2019	1412	1.13	0 00	0.0	0	1 9	19.4	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-7-29.5	12/12/2019	1028	-0.97	-0.27	0.0	0	1.7	19.7	0 0	0.0	0 0	0.0	
VMP-7-29.5	1/20/2020	1423	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-7-29.5	2/20/2020	0837	-0.23	0 00	0.0	0	1 6	19 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-7-29.5-Dup	2/20/2020	0837	NM	NM	0.0	0	1 6	19 2	0 0	0.0	0 0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-7-29.5	3/11/2020	1116	-0.42	1.15	0.0	0	1 5	19 6	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-7-29.5	4/21/2020	1409	-1.28	-1.02	0.0	0	1.7	19 5	0 0	0.0	0 0	0.0	
VMP-7-29.5	5/20/2020	1112	-1.61	-2.08	0.0	0	2 0	19 0	0.1	0.0	0 0	0.0	
VMP-7-29.5	6/18/2020	0926	0 00	-0.15	0.0	0	1 9	19.1	0 0	0.0	0 0	0.0	
VMP-7-38	7/18/2019	0858	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	8/21/2019	1327	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	9/16/2019	1430	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	10/17/2019	0954	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	11/20/2019	1414	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	12/12/2019	1029	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	1/20/2020	1424	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-7-38	2/20/2020	0839	-5.49	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	3/11/2020	1117	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	4/21/2020	1409	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	5/20/2020	1113	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	6/18/2020	0928	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-5	7/18/2019	0810	0 00	0 00	0.0	0	0 2	20.7	0.1	0.0	0 0	0.0	
VMP-9-5	8/21/2019	1157	-0.27	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-9-5	9/16/2019	1400	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-9-5	10/17/2019	0901	-0.10	-0.11	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-9-5-Dup	10/17/2019	0901	NM	NM	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-9-5	11/20/2019	1356	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-9-5	12/12/2019	0921	-0.17	-0.12	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-9-5	1/20/2020	1335	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-9-5	2/19/2020	1415	0 00	0 00	0.0	0	0 2	20 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-9-5	3/11/2020	1033	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-9-5	4/21/2020	1441	0 00	-0.13	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-9-5	5/20/2020	1025	0 00	-0.21	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-9-5	6/18/2020	0848	-0.13	-0.10	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-9-11.5	7/18/2019	0811	-0.32	-0.32	0.0	0	1 0	20 0	0 0	0.0	0 0	0.0	
VMP-9-11.5	8/21/2019	1157	-0.38	-0.25	0.0	0	1 0	19 9	0 0	0.0	0 0	0.0	
VMP-9-11.5	9/16/2019	1402	-0.22	-0.25	0.0	0	1 0	20 0	0.1	0.0	0 0	0.0	
VMP-9-11.5	10/17/2019	0902	-0.27	-0.31	0.0	0	0.4	20 5	0 0	0.0	0 0	0.0	
VMP-9-11.5	11/20/2019	1358	0 00	0 00	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-9-11.5	12/12/2019	0922	-0.49	-0.33	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-9-11.5	1/20/2020	1336	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-9-11.5	2/19/2020	1416	0 00	0 00	0.0	0	0 3	20 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-9-11.5	3/11/2020	1034	0 00	0 00	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-9-11.5	4/21/2020	1442	-0.24	-0.42	0.0	0	0 3	20 5	0 0	0.0	0 0	0.0	
VMP-9-11.5	5/20/2020	1026	0 00	-0.44	0.0	0	0 6	20 2	0 0	0.0	0 0	0.0	
VMP-9-11.5	6/18/2020	0850	0 00	-0.30	0.0	0	1.1	20 3	0 0	0.0	0 0	0.0	
VMP-9-25.5	7/18/2019	0812	-0.71	-0.71	0.0	0	1 5	19 6	0 0	0.0	0 0	0.0	
VMP-9-25.5-Dup	7/18/2019	0812	NM	NM	0.0	0	1 5	19 6	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-9-25.5	8/21/2019	1159	-0.79	-0.56	0.0	0	1 5	19.4	0 0	0.0	0 0	0.0	
VMP-9-25.5	9/16/2019	1404	-0.35	-0.51	0.0	0	1 5	19 3	0 0	0.0	0 0	0.0	
VMP-9-25.5	10/17/2019	0903	-0.64	-0.66	0.0	0	1 3	20 0	0 0	0.0	0 0	0.0	
VMP-9-25.5	11/20/2019	1400	0 00	0 00	0.0	0	1.1	20.1	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-9-25.5	12/12/2019	0923	-0.74	-0.66	0.0	0	0 5	20 5	0 0	0.0	0 0	0.0	
VMP-9-25.5	1/20/2020	1337	0 00	0 00	0.0	0	0.7	20.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-9-25.5	2/19/2020	1417	0 00	0 00	0.0	0	0 8	19 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-9-25.5	3/11/2020	1035	0.11	0 00	0.0	0	0 6	20.4	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-9-25.5	4/21/2020	1443	-0.11	-0.68	0.0	0	0.4	20.4	0.1	0.0	0 0	0.0	
VMP-9-25.5	5/20/2020	1027	-1.01	-0.33	0.0	0	0 6	19 9	0 0	0.0	0 0	0.0	
VMP-9-25.5	6/18/2020	0852	-0.70	-0.67	0.0	0	1 0	19 9	0 0	0.0	0 0	0.0	
VMP-9-38.5	7/18/2019	0813	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	8/21/2019	1200	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	9/16/2019	1405	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	10/17/2019	0904	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	11/20/2019	1402	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	12/12/2019	0924	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	1/20/2020	1338	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	2/19/2020	1418	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	3/11/2020	1036	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	4/21/2020	1444	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	5/20/2020	1028	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	6/18/2020	0854	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-10-5	7/17/2019	1014	0 00	0 00	0.0	0	1 2	20.1	0.1	0.0	0 0	0.0	
VMP-10-5	8/21/2019	0851	0 00	0 00	0.0	0	2 0	19.4	0.1	0.0	0 0	0.0	
VMP-10-5	9/16/2019	0950	0 00	0 00	0.0	0	1.4	20.1	0 0	0.0	0 0	0.0	
VMP-10-5	10/16/2019	1252	0 00	0 00	0.0	0	0 6	20.4	0 0	0.0	0 0	0.0	
VMP-10-5	11/20/2019	0943	0 00	0 00	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-10-5	12/11/2019	1022	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-10-5	1/20/2020	0915	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-10-5	2/19/2020	1010	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-10-5	3/11/2020	0902	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-10-5	4/22/2020	0951	0 00	0 00	0.0	0	0 5	20.4	0 0	0.0	0 0	0.0	
VMP-10-5	5/20/2020	0840	0 00	0 00	0.0	0	1.1	20 0	0 0	0.0	0 0	0.0	
VMP-10-5	6/17/2020	1021	0 00	0 00	0.0	0	1.1	20 3	0 0	0.0	0 0	0.0	
VMP-10-10	7/17/2019	1015	0 00	0 00	0.0	0	1 5	19 5	0.1	0.0	0 0	0.0	
VMP-10-10	8/21/2019	0852	0 00	0 00	0.0	0	1 9	19 2	0 0	0.0	0 0	0.0	
VMP-10-10	9/16/2019	0952	0 00	0 00	0.0	0	1 9	19 6	0 0	0.0	0 0	0.0	
VMP-10-10	10/16/2019	1253	0 00	0.19	0.0	0	1.1	20 0	0 0	0.0	0 0	0.0	
VMP-10-10	11/20/2019	0944	0 00	0 00	0.0	0	0 6	20.4	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-10-10	12/11/2019	1023	0 00	0 00	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	
VMP-10-10	1/20/2020	0916	0 00	0 00	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-10-10	2/19/2020	1011	0 00	0 00	0.0	0	0 3	20 5	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-10-10	3/11/2020	0903	0 00	0 00	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-10-10-Dup	3/11/2020	0903	NM	NM	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	Duplicate sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-10-10	4/22/2020	0952	0 00	0 00	0.0	0	0 5	20 3	0 0	0.0	0 0	0.0	
VMP-10-10	5/20/2020	0841	0 00	0 00	0.0	0	0 9	20.1	0 0	0.0	0 0	0.0	
VMP-10-10	6/17/2020	1023	0 00	0 00	0.0	0	1.4	20 0	0 0	0.0	0 0	0.0	
VMP-10-20	7/17/2019	1016	0 00	0 00	0.0	0	1.1	19 8	0.1	0.0	0 0	0.0	
VMP-10-20	8/21/2019	0853	0 00	0 00	0.0	0	1.7	19 3	0 0	0.0	0 0	0.0	
VMP-10-20	9/16/2019	0954	0 00	0 00	0.0	0	2 0	19.1	0 0	0.0	0 0	0.0	
VMP-10-20-Dup	9/16/2019	0954	NM	NM	0.0	0	1 9	19 2	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-10-20	10/16/2019	1254	0 20	0 00	0.0	0	1 9	19 6	0 0	0.0	0 0	0.0	
VMP-10-20	11/20/2019	0945	0 00	0 00	0.0	0	1 3	20 0	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-10-20-Dup	11/20/2019	0945	NM	NM	0.0	0	1.4	19 9	0 0	0.0	0 0	0.0	Duplicate sample. SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-10-20	12/11/2019	1024	-0.10	0 00	0.0	0	1.1	20 2	0.1	0.0	0 0	0.0	
VMP-10-20-Dup	12/11/2019	1024	NM	NM	0.0	0	1.1	20 2	0.1	0.0	0 0	0.0	Duplicate sample.
VMP-10-20	1/20/2020	0917	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-10-20	2/19/2020	1012	0 00	0 00	0.0	0	0 6	20 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-10-20	3/11/2020	0904	0 00	0 00	0.0	0	0 5	20 5	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-10-20	4/22/2020	0953	0 00	0 00	0.0	0	0 5	20.4	0 0	0.0	0 0	0.0	
VMP-10-20	5/20/2020	0842	0 00	0 00	0.0	0	0.7	20 2	0 0	0.0	0 0	0.0	
VMP-10-20	6/17/2020	1025	0 00	0 00	0.0	0	1 0	19 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-10-30	7/17/2019	1017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	8/21/2019	0854	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	9/16/2019	0955	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	10/16/2019	1255	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	11/20/2019	0946	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	12/11/2019	1006	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	1/20/2020	0918	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	2/19/2020	1013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	3/11/2020	0905	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	4/22/2020	0954	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	5/20/2020	0843	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	6/17/2020	1027	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-11-5	7/17/2019	1347	0 00	0 00	0.0	0	2 2	18 9	0.1	0.0	0 0	0.0	
VMP-11-5	8/21/2019	1138	0 00	0 00	0.0	0	3 0	17 9	0.1	0.0	0 0	0.0	
VMP-11-5	9/16/2019	1106	-0.22	-0.17	0.0	0	2 8	18 8	0.4	0.0	0 0	0.0	
VMP-11-5	10/16/2019	1425	-0.27	0 36	0.0	0	1 8	19 3	0 0	0.0	0 0	0.0	
VMP-11-5	11/20/2019	1112	0 00	0 00	0.0	0	1.1	19.7	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-11-5	12/12/2019	0845	0 00	0 00	0.0	0	0 5	20 6	0 0	0.0	0 0	0.0	
VMP-11-5	1/20/2020	1030	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-11-5	2/19/2020	1215	0 00	0 00	0.0	0	0 6	19 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-11-5	3/11/2020	1009	0 29	0 00	0.0	0	0.7	20.4	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-11-5	4/22/2020	0828	0 00	0 00	0.0	0	0 9	20.1	0 0	0.0	0 0	0.0	
VMP-11-5	5/20/2020	1015	0 00	0 00	0.0	0	1 5	18 9	0 0	0.0	0 0	0.0	
VMP-11-5	6/18/2020	0822	0 00	-0.16	0.0	0	2 0	19 6	0 0	0.0	0 0	0.0	
VMP-11-8	7/17/2019	1348	0 00	0 00	0.0	0	2 5	18 5	0.1	0.0	0 0	0.0	
VMP-11-8	8/21/2019	1139	0 00	0 00	0.0	0	2 9	18 0	0 0	0.0	0 0	0.0	
VMP-11-8	9/16/2019	1108	-0.61	-0.31	0.0	0	2 8	18.7	0 3	0.0	0 0	0.0	
VMP-11-8	10/16/2019	1426	-1.41	0 00	0.0	0	1 3	19 8	0.1	0.0	0 0	0.0	
VMP-11-8	11/20/2019	1113	2 58	0 59	0.0	0	0 6	20 3	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-11-8	12/12/2019	0846	0 27	0 00	0.0	0	0.4	20 6	0.1	0.0	0 0	0.0	
VMP-11-8	1/20/2020	1031	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-11-8	2/19/2020	1216	0 00	0 00	0.0	0	0 5	20.1	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-11-8	3/11/2020	1010	0 29	0 00	0.0	0	0 5	20 5	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-11-8	4/22/2020	0829	-0.23	0 00	0.0	0	0.4	20 6	0.1	0.0	0 0	0.0	
VMP-11-8	5/20/2020	1016	-0.35	0 00	0.0	0	1 3	19.4	0 0	0.0	0 0	0.0	
VMP-11-8	6/18/2020	0824	0 00	0 00	0.0	0	1 8	19 8	0 0	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-11-29	7/17/2019	1349	-0.14	-0.19	0.0	0	1 5	18.7	0.1	0.0	0 0	0.0	
VMP-11-29	8/21/2019	1140	-0.21	0 00	0.0	0	2 2	18 3	0 2	0.0	0 0	0.0	
VMP-11-29	9/16/2019	1110	0 00	0 00	0.0	0	2 2	18 3	0 2	0.0	0 0	0.0	
VMP-11-29	10/16/2019	1427	-0.10	-0.11	0.0	0	2.1	18 5	0 0	0.0	0 0	0.0	
VMP-11-29	11/20/2019	1114	0 00	0 00	0.0	0	2.1	18.7	0.1	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-11-29	12/12/2019	0847	-0.22	0 00	0.0	0	1 9	19 5	0.1	0.0	0 0	0.0	
VMP-11-29-Dup	12/12/2019	0847	NM	NM	0.0	0	1 9	19 5	0.1	0.0	0 0	0.0	Duplicate sample.
VMP-11-29	1/20/2020	1032	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-11-29	2/19/2020	1217	0 00	0 00	0.0	0	1.7	19 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-11-29	3/11/2020	1011	0 00	0 00	0.0	0	1 8	19 6	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-11-29	4/22/2020	0830	-0.10	-0.12	0.0	0	1 5	19.4	0 0	0.0	0 0	0.0	
VMP-11-29	5/20/2020	1017	-0.20	-0.21	0.0	0	1 6	19 3	0 0	0.0	0 0	0.0	
VMP-11-29	6/18/2020	0826	-0.43	-0.13	0.0	0	1.7	19.4	0 0	0.0	0 0	0.0	
VMP-11-38	7/17/2019	1350	0 00	0 00	0.0	0	1.7	19 2	0.1	0.0	0 0	0.0	
VMP-11-38	8/21/2019	1141	0 00	0 00	0.0	0	2.4	18.7	0 0	0.0	0 0	0.0	
VMP-11-38	9/16/2019	1112	0 00	0 00	0.0	0	2 0	19.4	0 3	0.0	0 0	0.0	
VMP-11-38	10/16/2019	1428	0 00	0 00	0.0	0	1.1	19 9	0 0	0.0	0 0	0.0	
VMP-11-38	11/20/2019	1115	0.15	0 00	0.0	0	0 8	19 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-11-38	12/12/2019	0849	0 00	0 00	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	
VMP-11-38	1/20/2020	1033	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-11-38	2/19/2020	1218	0 00	0 00	0.0	0	0 5	20.1	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-11-38	3/11/2020	1012	0 00	0 00	0.0	0	0 5	20.4	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-11-38-Dup	3/11/2020	1012	NM	NM	0.0	0	0 5	20.4	0 0	0.0	0 0	0.0	Duplicate sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-11-38	4/22/2020	0831	0 00	0 00	0.0	0	0.7	20 2	0 0	0.0	0 0	0.0	
VMP-11-38	5/20/2020	1018	-0.36	0 00	0.0	0	1 2	19 5	0 2	0.0	0 0	0.0	
VMP-11-38-Dup	5/20/2020	1018	NM	NM	0.0	0	1 2	19.4	0 2	0.0	0 0	0.0	Duplicate sample.
VMP-11-38	6/18/2020	0828	0 00	0 00	0.0	0	1 5	19 9	0 0	0.0	0 0	0.0	
VMP-12-5	7/17/2019	0904	-0.64	-1.01	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-12-5	8/21/2019	0850	-0.61	-0.62	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-12-5	9/16/2019	0909	-0.47	-0.28	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-12-5	10/16/2019	0931	-0.48	-0.48	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-12-5	11/20/2019	0859	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-12-5	12/11/2019	0900	-1.09	-1.09	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-12-5	1/20/2020	0920	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-12-5	2/19/2020	1015	0 00	0.11	0.0	0	0 0	14 6	0.1	1.7	1.7	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-12-5	2/20/2020	1430	0 09	NM	0.0	0	0 0	15 9	0 0	0.4	0.4	0.0	Re-sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-12-5	3/11/2020	1000	0.14	0.15	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-12-5	4/20/2020	0900	-0.94	-0.84	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-12-5	5/20/2020	0825	-1.08	-1.29	0.0	0	0.1	20.4	0 0	0.0	0 0	0.0	
VMP-12-5	6/17/2020	0820	-0.16	-1.00	0.0	0	0.1	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-12-11 5	7/17/2019	0906	-1.18	-1.35	0.0	0	0.1	20.7	0.1	0.0	0 0	0.0	
VMP-12-11 5	8/21/2019	0851	-0.76	-0.76	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-12-11 5	9/16/2019	0910	-0.61	-0.43	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-12-11 5	10/16/2019	0932	-0.58	-0.60	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-12-11 5	11/20/2019	0900	-0.14	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-12-11 5	12/11/2019	0901	-1.34	-1.36	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-12-11 5	1/20/2020	0921	-0.09	0 00	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-12-11 5	2/19/2020	1016	-0.12	0.11	0.0	0	4 6	9.8	0.1	4.0	4 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-12-11 5	2/20/2020	1431	0 00	NM	0.0	0	4.1	10.7	0.1	3.0	3 0	0.0	Re-sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-12-11 5	3/11/2020	1001	0.15	0.15	0.0	0	0 8	19 6	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-12-11 5	4/20/2020	0901	-0.97	-0.87	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-12-11 5	5/20/2020	0826	-1.43	-1.34	0.0	0	0.1	20 5	0 0	0.0	0 0	0.0	
VMP-12-11 5	6/17/2020	0821	-0.16	-1.16	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-12-25	7/17/2019	0908	-1.55	-1.06	0.0	0	1 2	19 2	0.1	0.0	0 0	0.0	
VMP-12-25	8/21/2019	0852	-1.03	-1.04	0.0	0	1 6	19 0	0 0	0.0	0 0	0.0	
VMP-12-25	9/16/2019	0911	-0.80	-0.61	0.0	0	2.1	18 2	0.1	0.0	0 0	0.0	
VMP-12-25	10/16/2019	0933	-0.77	-0.76	0.0	0	2 6	17.7	0.1	0.0	0 0	0.0	
VMP-12-25	11/20/2019	0901	-0.18	0 00	0.0	0	5 2	12 0	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-12-25	12/11/2019	0902	-1.90	-1.91	0.0	0	0 9	20 2	0 0	0.0	0 0	0.0	
VMP-12-25	1/20/2020	0822	-0.22	0 00	0.0	0	5.1	11 8	0.1	2.8	2 8	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-12-25	2/19/2020	1017	-0.12	0.11	7.4	OVR	12.4	1.5	305	20860	15020	5840	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-12-25	2/20/2020	1432	0 00	NM	7.8	OVR	12.7	1.3	329	18980	14070	4910	Re-sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-12-25	3/11/2020	1002	0.17	0.16	0.0	0	6.4	10 6	0 3	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-12-25	4/20/2020	0902	-1.25	-1.16	0.0	0	1 2	19.4	0 0	0.0	0 0	0.0	
VMP-12-25	5/20/2020	0827	-1.74	-1.64	0.0	0	1 0	19 8	0 0	0.0	0 0	0.0	
VMP-12-25	6/17/2020	0822	-0.21	-1.71	0.0	0	1.1	19 5	0 0	0.0	0 0	0.0	
VMP-12-39	7/17/2019	0910	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	8/21/2019	0853	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	9/16/2019	0912	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	10/16/2019	0934	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	11/20/2019	0902	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	12/11/2019	0903	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	1/20/2020	0923	0 00	0 00	OVR	OVR	9 9	0.2	161	1000000	1000000	0.0	F D measurement range exceeded with 10:1 dilution probe. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-12-39	2/19/2020	1018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	3/11/2020	1003	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	4/20/2020	0903	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	5/20/2020	0743	-1.09	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	6/17/2020	0823	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

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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-13-5	7/17/2019	1036	0 00	0 00	0.0	0	0 8	19 8	0.1	0.0	0 0	0.0	
VMP-13-5	8/21/2019	0952	-0.14	0 00	0.0	0	1.1	19 5	0 0	0.0	0 0	0.0	
VMP-13-5	9/16/2019	0904	0 00	0 00	0.0	0	1.1	19 6	0.1	0.0	0 0	0.0	
VMP-13-5	10/16/2019	1153	0 00	0 00	0.0	0	0 9	20.1	0.1	0.0	0 0	0.0	
VMP-13-5	11/20/2019	0903	0 00	0 00	0.0	0	0 5	20 5	0.1	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-13-5	12/11/2019	0929	-0.04	-0.15	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-13-5	1/20/2020	0840	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-13-5	2/19/2020	0926	0 00	0 00	0.0	0	0 2	20 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-13-5	3/11/2020	0824	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-13-5	4/22/2020	0911	0 00	0 00	0.0	0	0 2	20 6	0 0	0.0	0 0	0.0	
VMP-13-5	5/20/2020	0755	-0.10	0 00	0.0	0	0 2	20.4	0 0	0.0	0 0	0.0	
VMP-13-5	6/17/2020	0925	0 00	0 00	0.0	0	0 6	19 8	0 0	0.0	0 0	0.0	
VMP-13-10 5	7/17/2019	1037	0 00	-0.23	0.0	0	0 3	20.1	0.1	0.0	0 0	0.0	
VMP-13-10 5	8/21/2019	0953	-0.24	-0.10	0.0	0	0 8	19 8	0 0	0.0	0 0	0.0	
VMP-13-10 5	9/16/2019	0906	-0.21	-0.16	0.0	0	0 8	19 8	0 0	0.0	0 0	0.0	
VMP-13-10 5	10/16/2019	1154	-0.10	-0.21	0.0	0	1 0	20 2	0 0	0.0	0 0	0.0	
VMP-13-10 5-Dup	10/16/2019	1154	NM	NM	0.0	0	1 0	20 2	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-13-10 5	11/20/2019	0904	-0.11	0 00	0.0	0	0 5	20 6	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-13-10 5	12/11/2019	0930	-0.47	-0.28	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	
VMP-13-10 5	1/20/2020	0841	-0.14	0 00	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-13-10 5	2/19/2020	0927	0 00	0 00	0.0	0	0 2	20.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-13-10 5	3/11/2020	0825	-0.09	0 00	0.0	0	0 2	20 8	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-13-10 5	4/22/2020	0912	0 00	-0.14	0.0	0	0.1	20 5	0 0	0.0	0 0	0.0	
VMP-13-10 5	5/20/2020	0759	-0.32	-0.26	0.0	0	0.1	20.4	0 0	0.0	0 0	0.0	
VMP-13-10 5	6/17/2020	0927	0 00	-0.24	0.0	0	0 2	20 3	0 0	0.0	0 0	0.0	
VMP-13-21 5	7/17/2019	1038	-0.16	-0.28	0.0	0	0.1	20 5	0 0	0.0	0 0	0.0	
VMP-13-21 5	8/21/2019	0954	-0.24	-0.10	0.0	0	0.1	20 5	0 0	0.0	0 0	0.0	
VMP-13-21 5	9/16/2019	0908	0 00	-0.21	0.0	0	0 3	20 3	0 0	0.0	0 0	0.0	
VMP-13-21 5	10/16/2019	1155	-0.25	-0.12	0.0	0	0 5	20 5	0 0	0.0	0 0	0.0	
VMP-13-21 5	11/20/2019	0905	-0.09	0 00	0.0	0	0 6	20 5	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-13-21 5	12/11/2019	0931	-0.58	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-13-21 5	1/20/2020	0842	-0.12	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-13-21 5-Dup	1/20/2020	0842	NM	NM	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-13-21 5	2/19/2020	0928	0 33	0 00	0.0	0	0 2	20 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-13-21 5	3/11/2020	0826	-0.10	0 00	0.0	0	0.4	20.4	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-13-21 5	4/22/2020	0913	0 00	0 00	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-13-21 5	5/20/2020	0757	-0.39	-0.31	0.0	0	0 2	20 8	0 0	0.0	0 0	0.0	
VMP-13-21 5	6/17/2020	0929	-0.27	-0.29	0.0	0	0 2	20 5	0 0	0.0	0 0	0.0	
VMP-13-21 5-Dup	6/17/2020	0929	NM	NM	0.0	0	0 2	20 5	0 0	0.0	0 0	0.0	Duplicate sample.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-13-29 5	7/17/2019	1039	0 00	0 00	0.0	0	0 3	20 0	0 2	0.0	0 0	0.0	
VMP-13-29 5	8/21/2019	0955	0 00	-0.10	0.0	0	0 5	20 2	0 0	0.0	0 0	0.0	
VMP-13-29 5	9/16/2019	0910	0 00	0 00	0.0	0	0 9	19.7	0.1	0.0	0 0	0.0	
VMP-13-29 5	10/16/2019	1156	0 00	0 00	0.0	0	0 5	20 5	0 2	0.0	0 0	0.0	
VMP-13-29 5	11/20/2019	0906	-0.10	0 00	0.0	0	0.7	20 5	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-13-29 5	12/11/2019	0932	-0.18	-0.22	0.0	0	0 5	20 6	0.1	0.0	0 0	0.0	
VMP-13-29 5	1/20/2020	0843	-0.09	0 00	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-13-29 5	2/19/2020	0929	-0.12	0 00	0.0	0	0 2	20.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-13-29 5	3/11/2020	0827	-0.26	0 00	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-13-29 5	4/22/2020	0914	0 00	0 00	0.0	0	0 2	20 6	0 0	0.0	0 0	0.0	
VMP-13-29 5	5/20/2020	0758	-0.15	-0.11	0.0	0	0 2	20 6	0 0	0.0	0 0	0.0	
VMP-13-29 5-Dup	5/20/2020	0758	NM	NM	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-13-29 5	6/17/2020	0931	0 00	0 00	0.0	0	0 2	20 2	0 0	0.0	0 0	0.0	
VMP-14-5	7/17/2019	1148	0 00	0 00	0.0	0	0 9	20 2	0 2	0.0	0 0	0.0	
VMP-14-5	8/21/2019	1012	0 00	0 00	0.0	0	1 2	20 0	0 0	0.0	0 0	0.0	
VMP-14-5	9/16/2019	0946	0 00	0 00	0.0	0	0.7	20 2	0 2	0.0	0 0	0.0	
VMP-14-5	10/16/2019	1125	-0.10	0 00	0.0	0	0 2	20 8	0 0	0.0	0 0	0.0	
VMP-14-5	11/20/2019	0839	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-14-5	12/11/2019	0856	-0.25	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-14-5	1/20/2020	0830	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-14-5	2/19/2020	0915	0 00	0 00	0.0	0	0 3	20 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-14-5	3/11/2020	0810	-0.21	-0.24	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-14-5	4/22/2020	0902	0 00	0 00	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-14-5	5/20/2020	0740	0 00	0 00	0.0	0	1 6	19 5	0.1	0.0	0 0	0.0	
VMP-14-5	6/17/2020	0906	0 00	0 00	0.0	0	0 8	20 2	0 0	0.0	0 0	0.0	
VMP-14-11 5	7/17/2019	1149	0 00	0 00	0.0	0	0 8	20 3	0 3	0.0	0 0	0.0	
VMP-14-11 5	8/21/2019	1013	0 00	0 00	0.0	0	1 0	20.1	0 0	0.0	0 0	0.0	
VMP-14-11 5	9/16/2019	0848	0 00	0 00	0.0	0	0 6	0.4	0 2	0.0	0 0	0.0	
VMP-14-11 5	10/16/2019	1126	0 00	0 00	0.0	0	0 2	20 8	0 0	0.0	0 0	0.0	
VMP-14-11 5	11/20/2019	0840	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-14-11 5	12/11/2019	0857	-0.53	0.10	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-14-11 5-Dup	12/11/2019	0857	NM	NM	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-14-11 5	1/20/2020	0831	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-14-11 5	2/19/2020	0916	-0.20	0 00	0.0	0	0 3	20.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-14-11 5	3/11/2020	0811	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-14-11 5	4/22/2020	0903	0 00	0 00	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-14-11 5	5/20/2020	0741	0 00	0 00	0.0	0	1 5	19.7	0 2	0.0	0 0	0.0	
VMP-14-11 5	6/17/2020	0908	-0.09	-0.21	0.0	0	0.4	20 5	0 0	0.0	0 0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-14-20	7/17/2019	1150	0 00	0 00	0.0	0	8 6	9.5	0 5	1.0	1 0	0.0	
VMP-14-20	8/21/2019	1014	-0.62	-0.41	0.0	0	9 6	9.1	0.4	4.0	4 0	0.0	
VMP-14-20	9/16/2019	0850	-0.58	-0.29	0.0	0	6 8	12.4	0 2	0.0	0 0	0.0	
VMP-14-20	10/16/2019	1127	-0.57	-0.48	0.0	0	8 9	11 0	0.1	0.0	0 0	0.0	
VMP-14-20-Dup	10/16/2019	1127	NM	NM	0.0	0	8 6	11 0	0.1	0.0	0 0	0.0	Duplicate sample.
VMP-14-20	11/20/2019	0841	-0.20	-0.11	0.0	0	8 2	10 8	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-14-20-Dup	11/20/2019	0841	NM	NM	0.0	0	8 3	10 6	0 0	0.0	0 0	0.0	Duplicate sample. SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-14-20	12/11/2019	0858	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield purge.
VMP-14-20	1/20/2020	0832	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-14-20	2/19/2020	0917	-0.44	0 00	0.0	0	11.5	3.6	0.4	11 0	11.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-14-20	3/11/2020	0812	-0.36	0 09	0.0	0	7.4	11 3	1.4	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-14-20	4/22/2020	0904	-0.40	-0.26	0.0	0	6.4	12 9	2 5	2.8	0.7	2.1	
VMP-14-20	5/20/2020	0742	-1.44	-0.40	0.0	0	6.1	13 0	1 8	2.0	0 0	2.0	
VMP-14-20	6/17/2020	0910	-0.62	-0.59	0.0	0	4 2	15 0	1 8	2.3	0 0	2.3	
VMP-14-29	7/17/2019	1151	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	8/21/2019	1015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	9/16/2019	0851	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	10/16/2019	1128	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	11/20/2019	0842	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	12/11/2019	0859	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	1/20/2020	0833	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	2/19/2020	0918	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	3/11/2020	0816	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	4/22/2020	0905	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	5/20/2020	0743	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	6/17/2020	0912	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-17-5	7/17/2019	1340	0 00	0 00	0.0	0	1.4	19 5	0 0	0.0	0 0	0.0	
VMP-17-5-Dup	7/17/2019	1340	NM	NM	0.0	0	1.4	19 5	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-17-5	8/21/2019	1134	0 00	0 00	0.0	0	1 5	19 3	0 0	0.0	0 0	0.0	
VMP-17-5	9/16/2019	1058	0 00	0 00	0.0	0	1 5	19 6	0 2	0.0	0 0	0.0	
VMP-17-5	10/16/2019	1419	0 00	0 00	0.0	0	0 6	20 3	0 0	0.0	0 0	0.0	
VMP-17-5	11/20/2019	1107	0 00	0 00	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-17-5	12/12/2019	0841	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-17-5	1/20/2020	1025	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-17-5	2/19/2020	1210	0 00	0 00	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-17-5	3/11/2020	1005	0 00	0 00	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-17-5	4/22/2020	0824	0 00	0 00	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	
VMP-17-5	5/20/2020	1010	-0.12	0 00	0.0	0	0 8	20.1	0 0	0.0	0 0	0.0	
VMP-17-5	6/18/2020	0815	-0.14	0 00	0.0	0	0 9	20 3	0 0	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-18-8.5	7/18/2019	0915	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-18-8.5	8/21/2019	1124	0 00	0 00	0.0	0	4 5	16 8	0 0	0.0	0 0	0.0	
VMP-18-8.5	9/16/2019	1048	0 00	0 00	0.0	0	4 3	16 8	0.1	0.0	0 0	0.0	
VMP-18-8.5	10/17/2019	0937	-0.09	0 00	0.0	0	4 3	17 9	0 0	0.0	0 0	0.0	
VMP-18-8.5	11/20/2019	1054	0 00	0 00	0.0	0	3 2	18 8	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-18-8.5	12/12/2019	0830	0 00	0 00	0.0	0	1.7	20 0	0 0	0.0	0 0	0.0	
VMP-18-8.5	1/20/2020	1015	0 00	0 00	0.0	0	1 6	19 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-18-8.5-Dup	1/20/2020	1015	NM	NM	0.0	0	1 6	19 9	0 0	0.0	0 0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-18-8.5	2/19/2020	1157	0 00	0 00	0.0	0	1 8	19 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-18-8.5	3/11/2020	0957	0 00	0 00	0.0	0	1 8	19 5	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-18-8.5	4/22/2020	0816	0 00	0 00	0.0	0	1.7	18 9	0 0	0.0	0 0	0.0	
VMP-18-8.5	5/20/2020	1000	0 00	0 00	0.0	0	2.7	17 3	0 0	0.0	0 0	0.0	
VMP-18-8.5	6/18/2020	0832	0 00	0 00	0.0	0	3 3	17 3	0 0	0.0	0 0	0.0	
VMP-19-5	7/17/2019	1400	0 00	0 00	0.0	0	1.1	19.4	0.1	5.3	5 3	0.0	
VMP-19-5	8/21/2019	1402	0 00	0 00	0.0	0	1 2	19 8	0 0	0.0	0 0	0.0	
VMP-19-5	9/16/2019	1042	0 00	0 00	0.0	0	1 0	20 0	0.1	0.0	0 0	0.0	
VMP-19-5	10/16/2019	1408	0 00	0 00	0.0	0	0.4	20.4	0 0	0.0	0 0	0.0	
VMP-19-5-Dup	10/16/2019	1408	NM	NM	0.0	0	0 5	20.4	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-19-5	11/20/2019	1102	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-19-5	12/12/2019	0937	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-19-5	1/20/2020	1020	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-19-5	2/20/2020	0810	-0.18	0 00	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-19-5	3/11/2020	1002	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-19-5	4/22/2020	0810	0 00	0 00	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	
VMP-19-5	5/20/2020	1005	-0.11	-0.10	0.0	0	0 5	20 3	0 0	0.0	0 0	0.0	
VMP-19-5	6/18/2020	0832	0 00	0 00	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-29-10	7/17/2019	1131	-0.21	0 00	0.0	0	0 2	20.7	0 8	0.0	0 0	0.0	
VMP-29-10	8/21/2019	0907	0 00	0 00	0.0	0	1 2	19 8	0 2	0.0	0 0	0.0	
VMP-29-10	9/16/2019	0936	0 00	0 00	0.0	0	0 3	20.7	0 3	0.0	0 0	0.0	
VMP-29-10	10/16/2019	1233	-0.10	0 00	0.0	0	0 9	20 2	0 3	0.0	0 0	0.0	
VMP-29-10	11/20/2019	0932	0 00	-0.10	0.0	0	0 5	20 5	0.1	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-29-10	12/11/2019	1003	-0.30	-0.36	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	
VMP-29-10	1/20/2020	0905	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-29-10	2/19/2020	0955	0 00	0 00	0.0	0	0 3	20.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-29-10	3/11/2020	0850	-0.38	0 00	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-29-10	4/22/2020	0942	0 00	0 00	0.0	0	0 2	20 6	0.1	0.0	0 0	0.0	
VMP-29-10	5/20/2020	0825	-0.25	0 00	0.0	0	0 3	20.7	0.1	0.0	0 0	0.0	
VMP-29-10	6/17/2020	1003	0 00	-0.10	0.0	0	0.7	19 9	0.4	0.0	0 0	0.0	

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Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-29-18	7/17/2019	1132	0 00	0 00	0.0	0	0 0	20 9	2.1	3.7	0 0	3.7	
VMP-29-18	8/21/2019	0908	0 00	0 00	0.0	0	1 2	19 8	0 8	0.8	0 0	0.8	
VMP-29-18	9/16/2019	0938	0 00	0 00	0.0	0	0 8	20 2	2.4	4.6	0 0	4.6	
VMP-29-18	10/16/2019	1234	-0.10	0 00	0.0	0	1.1	20.1	1.4	0.5	0 0	0.5	
VMP-29-18	11/20/2019	0933	0 00	0 00	0.0	0	0 8	20 3	0 2	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-29-18	12/11/2019	1004	-0.20	-0.23	0.0	0	0.7	20 5	0.1	0.0	0 0	0.0	
VMP-29-18	1/20/2020	0906	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-29-18	2/19/2020	0956	0 00	0 00	0.0	0	0 5	20 3	0.1	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-29-18	3/11/2020	0851	0 00	0 00	0.0	0	0 5	20 5	0 3	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-29-18	4/22/2020	0943	0 00	0 00	0.0	0	0 3	20.4	1 5	1.0	0 0	1.0	
VMP-29-18	5/20/2020	0826	-0.29	-0.12	0.0	0	0.4	20 3	0.7	0.3	0 0	0.3	
VMP-29-18	6/17/2020	1006	0 00	-0.09	0.0	0	1.1	20 6	0 3	0.5	0 0	0.5	
VMP-29-26	7/17/2019	1133	0 00	0 00	0.0	0	0 6	19 8	4.1	211	206	5.0	Re-sampled due to elevated concentrations.
VMP-29-26	7/18/2019	1308	0 00	NM	0.0	0	0.7	19.7	0 5	0.0	0 0	0.0	Re-sample.
VMP-29-26	8/21/2019	0909	0 00	0 00	0.0	0	1 2	19 2	0 3	0.0	0 0	0.0	
VMP-29-26	9/16/2019	0940	0 00	0 00	0.0	0	1 3	19 6	1 2	1.8	0 0	1.8	
VMP-29-26	10/16/2019	1235	-0.10	-0.10	0.0	0	1 6	19 5	0 6	0.0	0 0	0.0	
VMP-29-26	11/20/2019	0934	0 00	0 00	0.0	0	1 3	19 9	0 3	8.2	8 2	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-29-26	12/11/2019	1005	-0.21	-0.11	0.0	0	1 3	20 0	0 0	0.0	0 0	0.0	
VMP-29-26	1/20/2020	0907	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-29-26	2/19/2020	0957	0 00	0 00	0.0	0	1 3	19 2	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-29-26	3/11/2020	0852	0 00	0 00	0.0	0	1 2	19 9	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-29-26	4/22/2020	0944	0 00	0 00	0.0	0	0 8	20 0	0 3	0.0	0 0	0.0	
VMP-29-26	5/20/2020	0827	-0.21	-0.11	0.0	0	0.7	20.1	0 0	0.0	0 0	0.0	
VMP-29-26	6/17/2020	1010	0 00	-0.09	0.0	0	0 8	19 5	0 5	0.5	0 0	0.5	
VMP-29-40	7/17/2019	1134	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	8/21/2019	0910	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	9/16/2019	0941	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	10/16/2019	1236	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	11/20/2019	0935	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	12/11/2019	1006	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	1/20/2020	0908	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	2/19/2020	0958	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	3/11/2020	0853	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	4/22/2020	0945	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	5/20/2020	0828	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	6/17/2020	1012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-30-10	7/17/2019	1115	-0.11	0 00	0.0	0	0 0	20 9	0 6	0.0	0 0	0.0	
VMP-30-10	8/21/2019	0932	0 00	-0.12	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-30-10	9/16/2019	0922	0 00	0 00	0.0	0	0 0	20 9	0 2	0.0	0 0	0.0	
VMP-30-10	10/16/2019	1215	-0.10	-0.10	0.0	0	0.1	20 8	0 3	0.0	0 0	0.0	
VMP-30-10	11/20/2019	0916	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-30-10	12/11/2019	0942	-0.19	-0.13	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-30-10	1/20/2020	0857	0 00	0 00	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-30-10	2/19/2020	0940	0 00	0 00	0.0	0	0 0	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-30-10-Dup	2/19/2020	0940	NM	NM	0.0	0	0 0	20 8	0 0	0.0	0 0	0.0	Duplicate sample. SVE system was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-30-10	3/11/2020	0835	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-30-10	4/22/2020	0933	0 00	0 00	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-30-10	5/20/2020	0810	-0.14	-0.11	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-30-10	6/17/2020	0944	0 00	-0.09	0.0	0	0 0	20 9	0 9	1.6	0 0	1.6	
VMP-30-18	7/17/2019	1116	-0.19	-0.14	0.0	0	0 0	20 9	1 0	0.6	0 0	0.6	
VMP-30-18-Dup	7/17/2019	1116	NM	NM	0.0	0	0.1	20.7	1 0	0.0	0 0	0.0	Duplicate sample.
VMP-30-18	8/21/2019	0933	-0.14	-0.23	0.0	0	0 3	20 3	0 5	0.0	0 0	0.0	
VMP-30-18	9/16/2019	0924	0 00	-0.10	0.0	0	0 0	20 9	0.7	1.4	0 0	1.4	
VMP-30-18	10/16/2019	1215	-0.19	-0.17	0.0	0	0 3	20 8	0 3	0.5	0 0	0.5	
VMP-30-18	11/20/2019	0917	0 00	0 00	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-30-18	12/11/2019	0943	-0.32	-0.23	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	
VMP-30-18	1/20/2020	0857	-0.11	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-30-18	2/19/2020	0941	0 00	0 00	0.0	0	0 3	20 2	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-30-18	3/11/2020	0836	-0.09	0 00	0.0	0	0 2	20.7	0.1	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-30-18	4/22/2020	0934	0 00	0 00	0.0	0	0.1	20 8	0 2	0.0	0 0	0.0	
VMP-30-18	5/20/2020	0811	-0.23	-0.20	0.0	0	0.1	20 8	0 3	0.0	0 0	0.0	
VMP-30-18	6/17/2020	0946	0 00	-0.17	0.0	0	0.1	20 5	1 8	2.9	0 0	2.9	
VMP-30-26	7/17/2019	1117	-0.20	-0.13	0.0	0	0.1	20 6	1.4	1.5	0 0	1.5	
VMP-30-26	8/21/2019	0934	-0.14	-0.22	0.0	0	0 2	20 5	0.4	1.0	0 0	1.0	
VMP-30-26	9/16/2019	0926	0 00	-0.10	0.0	0	0.4	20.4	0 2	0.8	0 0	0.8	
VMP-30-26-Dup	9/16/2019	0926	NM	NM	0.0	0	0 3	20 5	0 2	1.0	0 0	1.0	Duplicate sample.
VMP-30-26	10/16/2019	1217	-0.18	-0.20	0.0	0	0 3	20.7	0 5	1.0	0 3	0.7	
VMP-30-26	11/20/2019	0918	0 23	0 22	0.0	0	0 6	20.4	0 3	4.0	3 6	0.4	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-30-26	12/11/2019	0944	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield purge.
VMP-30-26	1/20/2020	0858	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-30-26	2/19/2020	0942	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield purge.
VMP-30-26	3/11/2020	0837	-0.09	0 00	0.0	0	0.4	20.4	0 2	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-30-26	4/22/2020	0935	0 00	-0.12	0.0	0	0 3	20 6	0.4	1.8	1 0	0.8	
VMP-30-26	5/20/2020	0812	-0.23	-0.20	0.0	0	0.1	20 8	0.1	1.1	0 8	0.3	
VMP-30-26	6/17/2020	0948	0 00	-0.18	0.0	0	0 2	20.4	4 6	21.7	14.5	7.2	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-30-40	7/17/2019	1118	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	8/21/2019	0935	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	9/16/2019	0927	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	10/16/2019	1218	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	11/20/2019	0919	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	12/11/2019	0945	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	1/20/2020	0859	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	2/19/2020	0943	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	3/11/2020	0838	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	4/22/2020	0936	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	5/20/2020	0813	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	6/17/2020	0950	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-32-5	7/18/2019	0946	0 00	0 00	0.0	0	2 3	18 9	0.1	0.0	0 0	0.0	
VMP-32-5	8/22/2019	0857	-0.18	-0.15	0.0	0	2 8	18 3	0 0	0.0	0 0	0.0	
VMP-32-5	9/17/2019	1015	-0.10	0 00	0.0	0	2 0	19.1	0 0	0.0	0 0	0.0	
VMP-32-5	10/17/2019	1213	0 00	0 00	0.0	0	1 9	19 3	0 0	0.0	0 0	0.0	
VMP-32-5	11/21/2019	1030	0 00	0 00	0.0	0	1 0	19 8	0 0	0.0	0 0	0.0	
VMP-32-5	12/12/2019	1028	0 00	0 00	0.0	0	0 8	20 2	0 0	0.0	0 0	0.0	
VMP-32-5	1/21/2020	1055	0 00	0 00	0.0	0	1 2	19 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-32-5	2/20/2020	1320	0 00	0 00	0.0	0	1.4	19 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-32-5	3/12/2020	939	0 00	0 00	0.0	0	1.4	19 5	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-32-5	4/21/2020	1018	-0.24	-0.03	0.0	0	0 9	20 0	0 2	0.0	0 0	0.0	
VMP-32-5	5/21/2020	0915	-0.22	-0.12	0.0	0	1 2	19 9	0 0	0.0	0 0	0.0	
VMP-32-5	6/18/2020	1050	-0.44	-0.10	0.0	0	2.1	19 2	0 3	0.0	0 0	0.0	
VMP-32-10	7/18/2019	0948	0 00	-0.10	0.0	0	2 2	18 8	0 0	0.0	0 0	0.0	
VMP-32-10	8/22/2019	0858	-0.22	-0.21	0.0	0	3 0	18 0	0.1	0.0	0 0	0.0	
VMP-32-10	9/17/2019	1017	-0.16	-0.13	0.0	0	2 6	18 6	0.1	0.0	0 0	0.0	
VMP-32-10	10/17/2019	1214	0 00	0 00	0.0	0	2.7	18.7	0 0	0.0	0 0	0.0	
VMP-32-10	11/21/2019	1032	-0.12	-0.10	0.0	0	1 9	19 2	0 0	0.0	0 0	0.0	
VMP-32-10	12/12/2019	1039	-0.20	0 00	0.0	0	1.4	19 9	0 0	0.0	0 0	0.0	
VMP-32-10	1/21/2020	1056	0 00	0 00	0.0	0	1 3	19 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-32-10	2/20/2020	1321	0 00	0 00	0.0	0	1.4	19.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-32-10	3/12/2020	940	0 00	0 00	0.0	0	1 3	19 6	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-32-10	4/21/2020	1019	-0.16	-0.04	0.0	0	1 2	19 8	0 0	0.0	0 0	0.0	
VMP-32-10	5/21/2020	0916	-0.20	-0.17	0.0	0	1 3	19.7	0.1	0.0	0 0	0.0	
VMP-32-10	6/18/2020	1051	-0.13	-0.12	0.0	0	1 9	19 2	0 0	0.0	0 0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-32-20	7/18/2019	0950	-0.11	-0.17	0.0	0	0 5	20.4	0 0	0.0	0 0	0.0	
VMP-32-20	8/22/2019	0859	-0.19	-0.30	0.0	0	0 5	20.4	0 0	0.0	0 0	0.0	
VMP-32-20	9/17/2019	1019	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-32-20	10/17/2019	1215	0 00	0 00	0.0	0	0.1	20 6	0 0	0.0	0 0	0.0	
VMP-32-20	11/21/2019	1034	0 00	0 25	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-32-20	12/12/2019	1041	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-32-20	1/21/2020	1057	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-32-20	2/20/2020	1322	0 00	0 00	0.0	0	0 6	19 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-32-20	3/12/2020	941	0 00	0 00	0.0	0	1 5	18.7	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-32-20	4/21/2020	1020	-0.10	-0.02	0.0	0	0 0	20 9	0 2	1.8	0 0	1.8	
VMP-32-20	5/21/2020	0917	-0.10	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-32-20-Dup	5/21/2020	0918	NM	NM	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-32-20	6/18/2020	1052	0 00	0 00	0.0	0	0 2	20.7	0.4	0.0	0 0	0.0	
VMP-32-30	7/18/2019	0952	0 00	-0.26	0.0	0	1 8	19 0	0 0	0.0	0 0	0.0	
VMP-32-30	8/22/2019	0900	-0.64	-0.24	0.0	0	2.7	18 3	0.1	0.0	0 0	0.0	
VMP-32-30	9/17/2019	1021	-0.24	0 00	0.0	0	2 2	19 0	0 0	0.0	0 0	0.0	
VMP-32-30-Dup	9/17/2019	1021	NM	NM	0.0	0	2 2	18 9	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-32-30	10/17/2019	1216	0 00	-0.77	0.0	0	2 3	18 9	0 0	0.0	0 0	0.0	
VMP-32-30	11/21/2019	1036	0.16	0 00	0.0	0	1 6	19 5	0 0	0.0	0 0	0.0	
VMP-32-30	12/12/2019	1041	0.14	0 00	0.0	0	1 0	20.1	0 0	0.0	0 0	0.0	
VMP-32-30	1/21/2020	1058	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-32-30	2/20/2020	1323	0 00	0 00	0.0	0	0 6	20 2	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-32-30	3/12/2020	942	0 00	0 00	0.0	0	0 9	19.7	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-32-30	4/21/2020	1021	0 00	0 00	0.0	0	0 3	20 6	0 2	0.0	0 0	0.0	
VMP-32-30	5/21/2020	0918	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-32-30	6/18/2020	1053	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-33-10	7/17/2019	1054	0 00	0 00	0.0	0	0 2	20 6	0.1	0.0	0 0	0.0	
VMP-33-10	8/21/2019	1046	0 00	-0.14	0.0	0	0 3	20 3	0 0	0.0	0 0	0.0	
VMP-33-10	9/16/2019	1137	0 00	0 00	0.0	0	0 3	20 6	0 2	0.0	0 0	0.0	
VMP-33-10	10/16/2019	1154	0 00	0 00	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-33-10	11/20/2019	1111	0 00	0 00	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-33-10	12/11/2019	1124	0 00	0 00	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-33-10	1/20/2020	1210	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-33-10	2/19/2020	1244	0 00	0 00	0.0	0	0 2	20.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-33-10	3/11/2020	924	0 00	0 00	0.0	0	0 2	20 6	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-33-10	4/20/2020	1050	0 00	-0.10	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-33-10	5/20/2020	1003	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-33-10	6/17/2020	1015	0 00	0 00	0.0	0	0 2	20 2	0 0	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-33-20	7/17/2019	1056	0 00	0 00	0.0	0	0 3	20.4	0.1	0.0	0 0	0.0	
VMP-33-20	8/21/2019	1047	0 00	-0.13	0.0	0	0.4	19 9	0 0	0.0	0 0	0.0	
VMP-33-20	9/16/2019	1138	0 00	0 00	0.0	0	0 5	20.1	0.1	0.0	0 0	0.0	
VMP-33-20	10/16/2019	1155	-0.12	0 00	0.0	0	0 5	20.1	0 0	0.0	0 0	0.0	
VMP-33-20	11/20/2019	1112	0 00	0 00	0.0	0	0.7	20 2	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-33-20	12/11/2019	1125	-0.09	0 00	0.0	0	0 5	20.4	0 0	0.0	0 0	0.0	
VMP-33-20	1/20/2020	1211	0 00	0 00	0.0	0	1 0	20.1	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-33-20	2/19/2020	1245	-0.10	0 00	0.0	0	0 2	19.7	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-33-20	3/11/2020	0925	0 00	0 00	0.0	0	0 9	20 0	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-33-20	4/20/2020	1051	-1.60	-0.13	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	
VMP-33-20	5/20/2020	1004	-0.13	-0.14	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-33-20	6/17/2020	1016	0 00	0 00	0.0	0	0.4	20 2	0 0	0.0	0 0	0.0	
VMP-33-30	7/17/2019	1058	0 00	0 00	0.0	0	0 2	20 8	0.1	0.0	0 0	0.0	
VMP-33-30-Dup	7/17/2019	1058	NM	NM	0.0	0	0 2	20 8	0.1	0.0	0 0	0.0	Duplicate sample.
VMP-33-30	8/21/2019	1048	0 00	-0.13	0.0	0	0.1	20 5	0 0	0.0	0 0	0.0	
VMP-33-30	9/16/2019	1139	0 00	0 00	0.0	0	0.1	20 8	0.1	0.0	0 0	0.0	
VMP-33-30	10/16/2019	1156	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-33-30	11/20/2019	1113	0 00	0 00	0.0	0	0.4	20 5	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-33-30	12/11/2019	1126	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-33-30	1/20/2020	1212	0 00	0 00	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-33-30-Dup	1/20/2020	1212	NM	NM	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-33-30	2/19/2020	1246	0 00	0 00	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-33-30	3/11/2020	0925	0 00	0 00	0.0	0	0.4	20.4	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-33-30	4/20/2020	1052	-1.10	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-33-30	5/20/2020	1005	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-33-30	6/17/2020	1017	0 00	0 00	0.0	0	0 2	20 5	0 0	0.0	0 0	0.0	
VMP-34-10	7/17/2019	1030	-0.59	-0.50	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-34-10	8/21/2019	1025	-0.77	-0.84	0.0	0	0 3	20.4	0 0	0.0	0 0	0.0	
VMP-34-10	9/16/2019	1110	-0.40	-0.27	0.0	0	0.4	20.4	0 2	0.0	0 0	0.0	
VMP-34-10	10/16/2019	1116	-0.66	-0.58	0.0	0	0.4	20.4	0.1	0.0	0 0	0.0	
VMP-34-10	11/20/2019	1055	0 00	0 00	0.0	0	0 9	19 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-34-10	12/11/2019	1059	-0.73	-0.52	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-34-10	1/20/2020	1150	0 00	0 00	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-34-10	2/19/2020	1215	0 20	0 22	0.0	0	0 9	19 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-34-10	3/11/2020	1135	0.15	0 21	0.0	0	0.7	20.1	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-34-10	4/20/2020	1030	-0.50	-0.53	0.0	0	0 2	20.7	0.1	0.0	0 0	0.0	
VMP-34-10	5/20/2020	0937	-0.84	-0.84	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-34-10	6/17/2020	0955	0 00	0 00	0.0	0	0.7	20 0	0 0	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-34-20	7/17/2019	1032	-1.08	-0.84	0.0	0	1 5	19.4	0 0	0.0	0 0	0.0	
VMP-34-20	8/21/2019	1026	-0.87	-1.18	0.0	0	2.1	18 6	0 0	0.0	0 0	0.0	
VMP-34-20-Dup	8/21/2019	1026	NM	NM	0.0	0	2.1	18 5	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-34-20	9/16/2019	1111	-0.64	-0.44	0.0	0	2.4	18 5	0 0	0.0	0 0	0.0	
VMP-34-20	10/16/2019	1117	-1.04	-0.94	0.0	0	2.7	18 3	0 0	0.0	0 0	0.0	
VMP-34-20	11/20/2019	1056	0 00	0 00	0.0	0	2 8	18.7	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-34-20	12/11/2019	1100	-1.22	-0.90	0.0	0	2 2	19 5	0 0	0.0	0 0	0.0	
VMP-34-20	1/20/2020	1151	0 00	0 00	0.0	0	2 2	19.7	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-34-20	2/19/2020	1216	0 20	0 28	0.0	0	2 5	18 6	0 0	1.2	1 2	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-34-20	3/11/2020	1136	0 00	0 00	0.0	0	1 5	19.7	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-34-20	4/20/2020	1031	-1.30	-0.28	0.0	0	1 6	20.1	0 0	0.0	0 0	0.0	
VMP-34-20	5/20/2020	0938	-1.18	-1.18	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-34-20	6/17/2020	0956	-0.36	0 00	0.0	0	1 5	19 8	0 0	0.0	0 0	0.0	
VMP-34-30	7/17/2019	1034	-1.11	-0.96	0.0	0	2 3	19 3	0 0	0.0	0 0	0.0	
VMP-34-30	8/21/2019	1027	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-34-30	9/16/2019	1112	-0.67	-0.50	0.0	0	2 6	18.4	0 0	0.0	0 0	0.0	
VMP-34-30	10/16/2019	1118	-1.14	-1.02	0.0	0	2 8	18 3	0 0	0.0	0 0	0.0	
VMP-34-30	11/20/2019	1057	0 00	0 00	0.0	0	3 2	18.1	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-34-30	12/11/2019	1101	-1.34	-1.01	0.0	0	2 9	18 8	0 0	0.0	0 0	0.0	
VMP-34-30	1/20/2020	1152	0 00	0 00	0.0	0	3 0	19.1	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-34-30	2/19/2020	1217	0.19	0 33	0.0	0	3 3	17.7	0 0	1.6	1 6	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-34-30	3/11/2020	1137	0 30	0 22	0.0	0	3 6	17.4	0 0	4.5	4 5	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-34-30	4/20/2020	1032	-1.20	-1.06	0.0	0	3 0	19 2	0.1	0.0	0 0	0.0	
VMP-34-30	5/20/2020	0939	-1.03	-1.28	0.0	0	2.7	19.4	0 0	0.0	0 0	0.0	
VMP-34-30	6/17/2020	0957	-0.24	-0.15	0.0	0	2 5	19 5	0 0	0.0	0 0	0.0	
VMP-35-10	7/17/2019	1018	-1.74	-1.63	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-35-10	8/21/2019	1014	-0.27	-1.59	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-35-10	9/16/2019	1052	-1.20	-1.42	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-35-10	10/16/2019	1100	-1.52	-1.34	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-35-10	11/20/2019	1039	0 00	0 00	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-35-10	12/11/2019	1044	-1.90	-1.66	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-35-10	1/20/2020	1115	0 00	0 00	0.0	0	0 0	20 9	6 8	20.4	0 0	20.4	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-35-10	1/20/2020	1450	0 00	NM	0.0	0	0 2	17.7	4 2	10 8	0 0	10 8	Re-sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-35-10	2/19/2020	1200	0.10	0.18	0.0	0	0.1	20 8	13.9	35 3	0 0	35 3	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-35-10	3/11/2020	1124	0.14	0.10	0.6	12	3.1	14.4	116	1037	367	670	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-35-10-Dup	3/11/2020	1124	NM	NM	0.7	14	3.1	14 2	116	1271	458	813	Duplicate sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-35-10	3/12/2020	1047	0.13	NM	7.1	OVR	5 0	12 9	606	8449	2405	6044	Re-sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-35-10	4/20/2020	1001	-1.79	-1.72	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-35-10	5/20/2020	0915	-2.27	-2.10	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-35-10	6/17/2020	0925	-0.48	-0.70	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-35-20	7/17/2019	1020	-0.75	-0.55	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-35-20	8/21/2019	1015	-0.27	-1.59	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-35-20	9/16/2019	1053	-0.56	-0.50	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-35-20	10/16/2019	1101	-0.62	-0.66	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-35-20	11/20/2019	1040	0 00	0 00	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-35-20	12/11/2019	1045	-0.82	-0.60	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-35-20-Dup	12/11/2019	1045	NM	NM	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-35-20	1/20/2020	1116	0 00	0 00	0.0	0	0 0	20 9	5 8	15 3	0 8	14 5	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-35-20	1/20/2020	1451	0 00	NM	0.0	1	0 2	20 2	16.9	109	40.5	68 5	Re-sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-35-20	2/19/2020	1201	0 00	0.11	0.0	0	0.1	20.7	13.1	32.7	0 0	32.7	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-35-20	3/11/2020	1125	0.10	0 00	1.0	21	1 0	18.7	209	1595	323	1272	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-35-20	3/12/2020	1048	0 00	NM	5.8	OVR	2 5	17 2	619	6165	1306	4859	Re-sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-35-20	4/20/2020	1002	-0.34	-0.75	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-35-20	5/20/2020	0916	-1.08	-1.08	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-35-20	6/17/2020	0925	-0.18	-0.26	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-35-30	7/17/2019	1022	-0.46	-0.40	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-35-30	8/21/2019	1016	-0.46	-0.55	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-35-30	9/16/2019	1054	-0.37	-0.39	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-35-30	10/16/2019	1102	-0.43	-0.39	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-35-30-Dup	10/16/2019	1102	NM	NM	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	Duplicate sample.
VMP-35-30	11/20/2019	1041	0 00	0 00	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-35-30	12/11/2019	1046	-0.58	-0.53	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-35-30	1/20/2020	1117	0 00	0 00	0.0	0	0 0	20 9	2 8	8.3	1 5	6.8	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-35-30	1/20/2020	1452	0 00	NM	0.2	5	0 3	20 2	49.8	497	249	248	Re-sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-35-30	2/19/2020	1202	0 00	0.10	0.0	0	0 0	20 9	8 2	20 3	0 0	20 3	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-35-30	3/11/2020	1126	0.10	0 00	2.1	43	0 9	18 6	335	3387	1276	2111	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-35-30	3/12/2020	1049	0 00	NM	9.9	OVR	2 2	17.4	769	10500	2713	7787	Re-sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-35-30	4/20/2020	1003	-0.50	-0.49	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-35-30	5/20/2020	0917	-0.63	-0.67	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-35-30	6/17/2020	0927	-0.12	-0.16	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-36-10	7/17/2019	1008	-0.24	-0.13	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-36-10	8/21/2019	0944	-0.19	-0.12	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-36-10	9/16/2019	1018	-0.11	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-36-10	10/16/2019	1032	-0.23	-0.20	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-36-10	11/20/2019	1016	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-36-10	12/11/2019	1012	-0.52	-0.11	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-36-10	1/20/2020	1105	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-36-10	2/19/2020	1130	0 00	0 00	0.0	0	0 0	20 9	0 3	0.5	0 0	0.5	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-36-10	3/11/2020	1115	0 00	0 00	0.0	0	0 0	20 9	0 0	0.7	0.7	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-36-10	4/20/2020	0950	-0.14	-0.10	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-36-10	5/20/2020	0906	-0.33	-0.23	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-36-10	6/17/2020	0910	0 00	0 00	0.0	0	0 0	20 9	0 0	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-36-20	7/17/2019	1010	-0.52	-0.43	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-36-20	8/21/2019	0945	-0.60	-0.58	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-36-20	9/16/2019	1018	-0.11	0 00	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-36-20	10/16/2019	1033	-0.49	-0.47	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-36-20	11/20/2019	1017	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-36-20	12/11/2019	1013	-0.95	-0.80	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-36-20	1/20/2020	1106	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-36-20	2/19/2020	1131	0 00	0 00	0.0	0	0 0	20 9	0 3	1.2	0 5	0.7	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-36-20	3/11/2020	1116	0 09	0 00	0.0	0	0.1	20.7	0 0	2.5	2 5	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-36-20	4/20/2020	0951	-0.51	-0.48	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-36-20	5/20/2020	0907	-0.84	-0.82	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-36-20	6/17/2020	0911	-0.12	-0.21	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-36-30	7/17/2019	1012	-0.54	-0.45	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-36-30	8/21/2019	0946	-0.57	-0.53	0.0	0	0 0	20 9	0 0	0.7	0.7	0.0	
VMP-36-30-Dup	8/21/2019	0946	NM	NM	0.0	0	0 0	20 9	0 0	0.5	0 5	0.0	Duplicate sample.
VMP-36-30	9/16/2019	1020	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-36-30	10/16/2019	1034	0 00	0 00	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-36-30	11/20/2019	1018	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-36-30	12/11/2019	1014	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-36-30	1/20/2020	1107	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-36-30	2/19/2020	1132	0 00	0 00	0.0	0	0 0	20 9	0 2	0.7	0 0	0.7	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-36-30	3/11/2020	1117	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-36-30	4/20/2020	0952	0 00	0 00	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-36-30	5/20/2020	0908	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-36-30	6/17/2020	0912	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-37-10	7/17/2019	0946	-0.78	-0.87	0.0	0	0 0	20 9	0 2	0.0	0 0	0.0	
VMP-37-10	8/21/2019	0936	-0.82	-0.78	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-37-10	9/16/2019	1006	-0.65	-0.60	0.0	0	0 0	20 9	0 2	0.0	0 0	0.0	
VMP-37-10	10/16/2019	1021	-0.76	-0.90	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-37-10	11/20/2019	1006	0 00	0 00	0.0	0	0 6	18.4	0.1	1.9	1 9	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-37-10	12/11/2019	0959	-0.50	-0.77	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-37-10	1/20/2020	1050	0 00	0 00	0.0	0	1 0	17 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-37-10	2/19/2020	1118	0 00	0 00	0.0	0	2 6	15 5	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-37-10	3/11/2020	1037	0 09	0 09	0.0	0	3.4	10 6	0.1	5.5	5 5	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-37-10	4/20/2020	0941	-0.70	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-37-10	5/20/2020	0858	-0.96	-0.84	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-37-10	6/17/2020	0909	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.

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-37-20	7/17/2019	0948	-2.44	-2.55	0.6	13	5.7	13 5	156	752	20.5	732	
VMP-37-20	8/21/2019	0937	-2.47	-2.46	1.8	35	7.1	12 2	292	1386	32.7	1353	
VMP-37-20	9/16/2019	1007	-2.21	-2.14	1.7	35	7 2	12 2	348	1512	26.9	1485	
VMP-37-20	10/16/2019	1022	-2.42	-2.37	1.4	29	6 5	13.1	353	1586	32.2	1554	
VMP-37-20	11/20/2019	1007	0 00	0 00	0.1	2	11.2	6.3	29.7	126	19.0	107	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-37-20	12/11/2019	1000	-1.57	-2.68	0.2	5	5.1	14 5	85.1	249	12.5	237	
VMP-37-20	1/20/2020	1051	0 00	0 00	0.0	0	8 5	8.8	0.1	5.0	5 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-37-20	2/19/2020	1119	0 00	0 00	0.0	0	10.1	6.5	0 2	15 0	15.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-37-20	3/11/2020	1038	0.10	0.13	0.0	0	5 5	12 3	0 2	1.8	1 8	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-37-20	4/20/2020	0942	-2.00	-1.92	0.0	0	2 2	18.4	6 0	20 8	1.4	19.4	
VMP-37-20	5/20/2020	0859	-2.34	-2.22	0.0	0	2 5	18 0	10.7	49 2	2 9	46 3	
VMP-37-20	6/17/2020	0910	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-37-30	7/17/2019	0950	-3.15	-3.25	0.0	0	1 5	19.4	0.1	0.0	0 0	0.0	
VMP-37-30	8/21/2019	0938	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-37-30	9/16/2019	1008	-2.62	-2.84	0.0	0	1 9	19.1	0.1	0.0	0 0	0.0	
VMP-37-30	10/16/2019	1023	-3.08	-3.05	0.0	0	2 2	18 9	0.1	1.5	1 5	0.0	
VMP-37-30	11/20/2019	1008	-0.18	-0.13	0.0	0	2 5	18.1	0 0	7.5	7 5	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-37-30-Dup	11/20/2019	1008	NM	NM	0.0	0	2 6	18 0	0 0	7.9	7 9	0.0	Duplicate sample. SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-37-30	12/11/2019	1001	-2.21	-3.64	0.0	0	2.4	18 2	0.1	0.0	0 0	0.0	
VMP-37-30	1/20/2020	1052	0 00	0 00	0.0	0	3.4	16.4	0.1	4.2	3 5	0.7	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-37-30	2/19/2020	1120	-0.28	0 00	0.0	0	5 6	11 0	0.1	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-37-30	3/11/2020	1039	0 00	0 00	0.0	0	3 5	15 3	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-37-30	4/20/2020	0943	-3.70	-3.66	0.0	0	1 5	19 8	0 0	0.0	0 0	0.0	
VMP-37-30	5/20/2020	0900	-4.15	-4.03	0.0	0	1.4	19 6	0 0	0.0	0 0	0.0	
VMP-37-30	6/17/2020	0911	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-38-10	7/17/2019	0938	-0.26	-0.31	0.0	0	2 2	18.1	0 0	0.0	0 0	0.0	
VMP-38-10	8/21/2019	0925	-0.21	-0.23	0.0	0	1 6	18 9	0 0	0.0	0 0	0.0	
VMP-38-10	9/16/2019	0955	-0.12	-0.11	0.0	0	1 5	19.4	0 0	0.0	0 0	0.0	
VMP-38-10	10/16/2019	1008	-0.33	-0.30	0.0	0	1.4	19 3	0 0	0.0	0 0	0.0	
VMP-38-10	11/20/2019	0951	0 00	0 00	0.0	0	1.1	19 5	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-38-10	12/11/2019	0946	-0.10	-0.17	0.0	0	0 6	20 2	0 0	0.0	0 0	0.0	
VMP-38-10	1/20/2020	1040	0 00	0 00	0.0	0	0.4	19 5	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-38-10	2/19/2020	1104	0 21	0 00	0.0	0	0 6	19 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-38-10	3/11/2020	1028	-2.39	0.16	0.0	0	0.7	19 3	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-38-10	4/20/2020	0932	0 31	-0.25	0.0	0	0 6	20 0	0 0	0.0	0 0	0.0	
VMP-38-10	5/20/2020	0850	-0.29	-0.42	0.0	0	0 5	18 9	0 0	0.0	0 0	0.0	
VMP-38-10	6/17/2020	0900	0 00	0 00	0.0	0	1 5	20 5	0 0	0.0	0 0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-38-20	7/17/2019	0940	-0.77	-0.80	0.0	0	0 6	20 2	0.1	0.0	0 0	0.0	
VMP-38-20	8/21/2019	0926	-0.45	-0.77	0.0	0	0 8	20.1	0 0	0.0	0 0	0.0	
VMP-38-20	9/16/2019	0956	-0.65	-0.57	0.0	0	0.7	20 2	0.1	0.0	0 0	0.0	
VMP-38-20	10/16/2019	1009	-0.86	-0.85	0.0	0	0 9	20.1	0.1	0.0	0 0	0.0	
VMP-38-20	11/20/2019	0952	0 00	0 00	0.0	0	1 2	19 3	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-38-20	12/11/2019	0947	-0.44	-0.62	0.0	0	0 8	20 2	0 0	0.0	0 0	0.0	
VMP-38-20	1/20/2020	1041	0 00	0 00	0.0	0	0 6	20 0	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-38-20	2/19/2020	1105	-5.46	0.11	0.0	0	0 8	18 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-38-20	3/11/2020	1029	-13 04	0.15	0.0	0	0.7	19.4	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-38-20	4/20/2020	0933	-0.83	-0.81	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-38-20	5/20/2020	0851	-9.50	-1.09	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-38-20	6/17/2020	0901	0 00	-0.40	0.0	0	0.4	20.4	0 0	0.0	0 0	0.0	
VMP-38-27	7/17/2019	0942	-0.78	-0.80	0.0	0	0 6	20 2	0.1	0.0	0 0	0.0	
VMP-38-27	8/21/2019	0927	-0.76	-0.77	0.0	0	0.7	20 2	0 0	0.0	0 0	0.0	
VMP-38-27	9/16/2019	0957	-0.70	-0.59	0.0	0	0.7	20 2	0.1	0.0	0 0	0.0	
VMP-38-27	10/16/2019	1010	-0.85	-0.85	0.0	0	0 9	20.1	0.1	0.0	0 0	0.0	
VMP-38-27	11/20/2019	0953	0 00	0 00	0.0	0	1 2	19 2	0.1	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-38-27	12/11/2019	0948	-0.43	-0.62	0.0	0	0 9	20 0	0 0	0.0	0 0	0.0	
VMP-38-27	1/20/2020	1042	0 00	0 00	0.0	0	0.7	19 8	0.1	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-38-27	2/19/2020	1106	0 00	0.11	0.0	0	0 8	19 2	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-38-27	3/11/2020	1030	0.10	0.14	0.0	0	0.7	19.4	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-38-27	4/20/2020	0934	-0.18	-0.81	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	
VMP-38-27	5/20/2020	0852	-1.20	-1.09	0.0	0	0 2	20 6	0 0	0.0	0 0	0.0	
VMP-38-27	6/17/2020	0902	0 00	-0.51	0.0	0	0 3	20.4	0 0	0.0	0 0	0.0	
VMP-39-10	7/17/2019	0926	-1.28	-1.24	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-39-10	8/21/2019	0916	-1.22	-1.23	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-39-10	9/16/2019	0943	-0.98	-1.02	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-39-10	10/16/2019	0954	-1.26	-1.28	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-39-10	11/20/2019	0939	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-39-10	12/11/2019	0934	-0.50	-1.17	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-39-10	1/20/2020	1025	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-39-10	2/19/2020	1048	0 00	0 00	0.0	0	0.1	20.7	0 0	0.4	0.4	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-39-10	3/11/2020	1018	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-39-10	4/20/2020	0923	-1.10	-1.07	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-39-10	5/20/2020	0842	-1.51	-1.45	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-39-10	6/17/2020	0845	0 00	-1.01	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-39-20	7/17/2019	0928	-0.66	-0.63	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-39-20-Dup	7/17/2019	0928	NM	NM	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-39-20	8/21/2019	0917	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-39-20	9/16/2019	0944	-0.48	-0.47	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-39-20	10/16/2019	0955	-0.64	-0.64	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-39-20	11/20/2019	0940	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-39-20	12/11/2019	0935	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield purge.
VMP-39-20	1/20/2020	1026	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-39-20	2/19/2020	1049	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-39-20	3/11/2020	1019	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-39-20	4/20/2020	0924	-0.56	-0.21	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-39-20	5/20/2020	0843	-0.82	-0.82	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-39-20	6/17/2020	0846	0 00	-0.47	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-39-30	7/17/2019	0930	-0.54	-0.52	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-39-30	8/21/2019	0918	-0.47	-0.48	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-39-30	9/16/2019	0945	-0.35	-0.33	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-39-30	10/16/2019	0956	-0.50	-0.50	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-39-30	11/20/2019	0941	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-39-30	12/11/2019	0935	0 00	-0.43	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-39-30	1/20/2020	1027	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-39-30	2/19/2020	1050	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-39-30	3/11/2020	1020	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-39-30	4/20/2020	0925	-0.43	-0.41	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-39-30	5/20/2020	0844	-0.66	-0.64	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-39-30	6/17/2020	0847	0 00	-0.40	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-40-10	7/17/2019	0915	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-40-10	8/21/2019	0903	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-40-10-Dup	8/21/2019	0903	NM	NM	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-40-10	9/16/2019	0929	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-40-10	10/16/2019	0942	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-40-10	11/20/2019	0926	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-40-10	12/11/2019	0915	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-40-10	1/20/2020	1000	0 00	0 00	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-40-10	2/19/2020	1030	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-40-10	3/11/2020	1010	0 00	0 00	0.0	0	0 0	20.7	0 0	60.7	60.7	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-40-10	3/12/2020	1038	0 00	NM	0.0	0	0 3	19 6	0 3	220	220	0.0	Re-sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-40-10	4/20/2020	0910	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-40-10	5/20/2020	0835	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-40-10	6/17/2020	0830	0 00	0 00	0.0	0	0 0	20 9	0 0	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-40-20	7/17/2019	0917	-1.40	-1.35	0.0	0	8.1	10 2	0.1	0.0	0 0	0.0	
VMP-40-20	8/21/2019	0904	-1.19	-1.24	0.0	0	7.7	10.7	0 0	0.0	0 0	0.0	
VMP-40-20	9/16/2019	0930	-1.14	-0.95	0.0	1	11.0	6.0	5 3	427	371	56 0	
VMP-40-20-Dup	9/16/2019	0930	NM	NM	0.1	2	10.0	7.2	5 3	965	876	89 0	Duplicate sample.
VMP-40-20	10/16/2019	0943	-1.15	-1.20	0.0	0	9 5	8.9	0.7	32 0	25.0	7.0	
VMP-40-20-Dup	10/16/2019	0943	NM	NM	0.0	0	9.4	9.0	0.7	47 0	38.0	9.0	Duplicate sample.
VMP-40-20	11/20/2019	0927	-0.11	0 00	0.0	0	7 8	11 6	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-40-20	12/11/2019	0916	-1.08	-1.53	0.0	0	5.1	14 6	0 0	0.0	0 0	0.0	
VMP-40-20	1/20/2020	1001	-0.13	0 00	0.0	0	0 0	16.1	0.1	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-40-20	1/20/2020	1503	0 00	NM	0.0	0	0.1	14 2	0 0	0.0	0 0	0.0	Re-sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-40-20	2/19/2020	1031	-0.16	0 00	0.3	6	5.1	3.9	6 2	3040	2480	560	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-40-20-Dup	2/19/2020	1031	NM	NM	0.3	7	5 3	2.9	6 2	3710	3220	490	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-40-20	3/11/2020	1011	0.17	0.10	3.4	68	9 5	2.9	58.6	31610	27660	3950	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-40-20	3/12/2020	1039	0 00	NM	2.5	50	7.7	4.5	46.3	24760	22020	2740	Re-sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-40-20	4/20/2020	0911	-0.97	-0.81	0.0	0	4 9	14.1	0.1	0.0	0 0	0.0	
VMP-40-20-Dup	4/20/2020	0911	NM	NM	0.0	0	4 9	14 2	0.1	0.0	0 0	0.0	Duplicate sample.
VMP-40-20	5/20/2020	0836	-1.90	-1.09	0.0	0	1 3	17 8	0 2	0.0	0 0	0.0	
VMP-40-20	6/17/2020	0831	-0.22	-1.17	0.0	0	4 2	15 3	0.1	0.0	0 0	0.0	
VMP-40-30	7/17/2019	0919	-0.14	-0.13	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-40-30	8/21/2019	0905	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-40-30	9/16/2019	0931	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-40-30	10/16/2019	0944	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-40-30	11/20/2019	0928	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-40-30	12/11/2019	0917	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-40-30-Dup	12/11/2019	0917	NM	NM	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-40-30	1/20/2020	1003	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-40-30-Dup	1/20/2020	1003	NM	NM	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-40-30	2/19/2020	1032	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-40-30	3/11/2020	1012	0.15	0 00	0.0	0	0 0	20 6	0 0	101	101	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-40-30	3/12/2020	1040	0.12	NM	0.0	1	0 5	18 9	0.7	404	404	0.0	Re-sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-40-30	4/20/2020	0912	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-40-30	5/20/2020	0837	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-40-30	6/17/2020	0832	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-40-30-Dup	6/17/2020	0832	NM	NM	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	Duplicate sample.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-41-10	7/17/2019	0938	0 00	0 00	0.0	0	1 6	19.7	0.1	0.0	0 0	0.0	
VMP-41-10	8/21/2019	0833	0 00	0 00	0.0	0	1.4	19 5	0 0	0.0	0 0	0.0	
VMP-41-10	9/16/2019	1002	0 00	0 00	0.0	0	1.7	19 5	0 0	0.0	0 0	0.0	
VMP-41-10	10/16/2019	1304	0 00	0 00	0.0	0	1.1	20.1	0 0	0.0	0 0	0.0	
VMP-41-10	11/20/2019	0957	0 00	0 00	0.0	0	0.7	20 3	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-41-10	12/11/2019	1035	0 00	0 00	0.0	0	0.4	20.7	0 0	0.0	0 0	0.0	
VMP-41-10	1/20/2020	0930	0 00	0 00	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-41-10	2/19/2020	1025	0 00	0 00	0.0	0	0 3	20 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-41-10	3/11/2020	0917	-1.23	0 00	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-41-10	4/22/2020	1000	0 00	0 00	0.0	0	0 3	20.4	0 0	0.0	0 0	0.0	
VMP-41-10	5/20/2020	0850	0 00	0 00	0.0	0	0 6	20 3	0 0	0.0	0 0	0.0	
VMP-41-10	6/17/2020	1034	0 00	0 00	0.0	0	0 6	19.7	0 0	0.0	0 0	0.0	
VMP-41-20	7/17/2019	0939	0 00	0 00	0.0	0	1 3	19 6	0.1	0.0	0 0	0.0	
VMP-41-20-Dup	7/17/2019	0939	NM	NM	0.0	0	1 3	19 5	0.1	0.0	0 0	0.0	Duplicate sample.
VMP-41-20	8/21/2019	0834	0 00	0 00	0.0	0	1 5	19.4	0 0	0.0	0 0	0.0	
VMP-41-20	9/16/2019	1004	0 00	0 00	0.0	0	1 8	19 3	0 0	0.0	0 0	0.0	
VMP-41-20	10/16/2019	1305	0 00	0 00	0.0	0	2 0	19.4	0 0	0.0	0 0	0.0	
VMP-41-20	11/20/2019	0958	0 00	0 00	0.0	0	1.4	20 0	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-41-20	12/11/2019	1036	0 00	0 00	0.0	0	1 3	20 2	0 0	0.0	0 0	0.0	
VMP-41-20	1/20/2020	0931	-0.09	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-41-20	2/19/2020	1026	0 30	0 00	0.0	0	0.7	19 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-41-20	3/11/2020	0918	-0.86	0 00	0.0	0	0 6	20 3	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-41-20	4/22/2020	1001	0 00	0 00	0.0	0	0 5	20 2	0 0	0.0	0 0	0.0	
VMP-41-20	5/20/2020	0851	0 00	0 00	0.0	0	0.7	20 0	0 0	0.0	0 0	0.0	
VMP-41-20	6/17/2020	1036	0 00	0 00	0.0	0	1 0	19 5	0.1	0.0	0 0	0.0	
VMP-41-20-Dup	6/17/2020	1036	NM	NM	0.0	0	1 0	19 6	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-41-26	7/17/2019	0940	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-41-26	8/21/2019	0835	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-41-26	9/16/2019	1005	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-41-26	10/16/2019	1306	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-41-26	11/20/2019	0959	0 00	0 00	0.0	0	1.7	19 8	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-41-26	12/11/2019	1037	0 00	0 00	0.0	0	1.4	20.1	0 0	0.0	0 0	0.0	
VMP-41-26	1/20/2020	0932	0 00	0 00	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-41-26	2/19/2020	1027	0 00	0 00	0.0	0	0 8	19 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-41-26	3/11/2020	0919	-0.22	0 00	0.0	0	0.7	20.1	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-41-26	4/22/2020	1002	0 00	0 00	0.0	0	0 6	20.1	0 0	0.0	0 0	0.0	
VMP-41-26	5/20/2020	0852	0 00	0 00	0.0	0	0.7	20 0	0 0	0.0	0 0	0.0	
VMP-41-26	6/17/2020	1038	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

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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-42-10	7/18/2019	0822	0 00	0 00	0.0	0	1.7	19 5	0 0	0.0	0 0	0.0	
VMP-42-10	8/22/2019	1014	0 00	0 00	0.0	0	2 0	18 9	0 0	0.0	0 0	0.0	
VMP-42-10	9/17/2019	0848	0 00	0 00	0.0	0	2.1	18 9	0 0	0.0	0 0	0.0	
VMP-42-10	10/17/2019	1032	0 00	0 00	0.0	0	2 0	19 6	0 0	0.0	0 0	0.0	
VMP-42-10	11/21/2019	1036	0 00	0 00	0.0	0	1 0	20 0	0 0	0.0	0 0	0.0	
VMP-42-10	12/11/2019	1441	0 00	0 00	0.0	0	0.7	20 5	0 0	0.0	0 0	0.0	
VMP-42-10	1/21/2020	1145	0 00	0 00	0.0	0	0.7	20 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-42-10	2/20/2020	1238	0 00	0.10	0.0	0	0.7	20 2	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-42-10	3/12/2020	838	0 00	0 00	0.0	0	0 8	20 2	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-42-10	4/21/2020	0828	-0.40	-0.11	0.0	0	0 6	20 3	0 0	0.0	0 0	0.0	
VMP-42-10	5/21/2020	0955	0 00	0 00	0.0	0	0 8	20 0	0.1	0.0	0 0	0.0	
VMP-42-10	6/18/2020	0915	0 00	0 00	0.0	0	1 5	19 5	0.1	0.0	0 0	0.0	
VMP-42-20	7/18/2019	0824	-0.19	-0.19	0.0	0	2 2	18.7	0 0	0.0	0 0	0.0	
VMP-42-20	8/22/2019	1016	-0.24	-0.24	0.0	0	3.1	18.1	0 0	0.0	0 0	0.0	
VMP-42-20	9/17/2019	0949	-0.15	-0.10	0.0	0	3.4	17 5	0.1	0.0	0 0	0.0	
VMP-42-20-Dup	9/17/2019	0949	NM	NM	0.0	0	3.4	17.4	0.1	0.0	0 0	0.0	Duplicate sample.
VMP-42-20	10/17/2019	1033	-0.15	0 00	0.0	0	3.7	18 0	0 0	0.0	0 0	0.0	
VMP-42-20	11/21/2019	1027	-0.15	-0.12	0.0	0	2.7	19.1	0 0	0.0	0 0	0.0	
VMP-42-20	12/11/2019	1442	-0.24	-0.18	0.0	0	2 3	19 5	0 0	0.0	0 0	0.0	
VMP-42-20	1/21/2020	1146	0.18	0 27	0.0	0	2 0	19.7	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-42-20	2/20/2020	1239	0 00	0.13	0.0	0	1 9	19 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-42-20	3/12/2020	839	0.12	0 00	0.0	0	2 3	19 3	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-42-20-Dup	3/12/2020	839	NM	NM	0.0	0	2 3	19 3	0 0	0.0	0 0	0.0	Duplicate sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-42-20	4/21/2020	0829	-0.11	0 00	0.0	0	1.4	19 5	0 0	0.0	0 0	0.0	
VMP-42-20	5/21/2020	0956	-0.17	-0.09	0.0	0	1 5	19 3	0 0	0.0	0 0	0.0	
VMP-42-20	6/18/2020	0916	0 00	-0.95	0.0	0	1.7	18 9	0 0	0.0	0 0	0.0	
VMP-42-30	7/18/2019	0826	-0.46	-0.56	0.0	0	1 5	18 9	0 0	0.0	0 0	0.0	
VMP-42-30-Dup	7/18/2019	0826	NM	NM	0.0	0	1 5	18 9	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-42-30	8/22/2019	1018	-0.52	-0.53	0.0	0	2.4	18 2	0 2	0.0	0 0	0.0	
VMP-42-30	9/17/2019	0950	-0.35	-0.28	0.0	0	3 0	17 5	0 0	0.0	0 0	0.0	
VMP-42-30	10/17/2019	1034	-0.31	-0.19	0.0	0	3 6	17 5	0 0	0.0	0 0	0.0	
VMP-42-30	11/21/2019	1028	-0.33	-0.30	0.0	0	3 5	18.4	0 0	0.0	0 0	0.0	
VMP-42-30	12/11/2019	1443	-0.47	-0.42	0.0	0	2 3	19.7	0 0	0.0	0 0	0.0	
VMP-42-30	1/21/2020	1148	0 33	0 59	0.0	0	2 8	19 2	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-42-30-Dup	1/21/2020	1148	NM	NM	0.0	0	2 8	19 2	0 0	0.0	0 0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-42-30	2/20/2020	1240	-0.28	-0.15	0.0	0	3.1	18 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-42-30-Dup	2/20/2020	1240	NM	NM	0.0	0	3.1	18 6	0 0	0.0	0 0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-42-30	3/12/2020	840	0.46	0.17	0.0	0	3 0	18 8	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-42-30	4/21/2020	0830	-0.07	0 00	0.0	0	2 3	19.4	0 0	0.0	0 0	0.0	
VMP-42-30	5/21/2020	0957	-0.31	-0.23	0.0	0	2 0	19 3	0 0	0.0	0 0	0.0	
VMP-42-30	6/18/2020	0917	-0.10	-0.23	0.0	0	2.1	19 0	0 0	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-43-10	7/18/2019	0922	-3.24	-3.16	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-43-10	8/22/2019	0922	-3.84	-3.80	0.0	0	0.1	20 8	0.1	0.0	0 0	0.0	
VMP-43-10	9/17/2019	0947	-3.58	-3.56	0.0	0	0.1	20 9	0 0	0.0	0 0	0.0	
VMP-43-10	10/17/2019	1151	-2.42	-2.41	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-43-10	11/21/2019	1014	-2.69	-2.71	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-43-10	12/12/2019	0958	-2.78	-2.43	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-43-10	1/21/2020	1010	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-43-10	2/20/2020	1245	0 00	0.10	0.0	0	0 3	20.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-43-10	3/12/2020	929	0 23	0 20	0.0	0	0 2	20 8	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-43-10	4/21/2020	1000	-3.37	-8.20	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-43-10	5/21/2020	1015	-3.17	-3.33	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-43-10	6/18/2020	1110	-2.84	-2.75	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	
VMP-43-20	7/18/2019	0924	-5.28	-5.36	0.0	0	0 2	20.7	0.1	0.0	0 0	0.0	
VMP-43-20	8/22/2019	0923	-6.02	-5.98	0.0	0	0 5	20 5	0 0	0.0	0 0	0.0	
VMP-43-20	9/17/2019	0949	-5.65	-6.05	0.0	0	0 2	20 8	0 0	0.0	0 0	0.0	
VMP-43-20	10/17/2019	1152	-3.76	-3.80	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-43-20-Dup	10/17/2019	1152	NM	NM	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-43-20	11/21/2019	1016	-4.72	-4.38	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-43-20	12/12/2019	0959	-4.25	-3.81	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-43-20	1/21/2020	1011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-43-20	2/20/2020	1246	0 00	0 30	0.0	0	0.4	19 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-43-20	3/12/2020	930	0 36	0 28	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-43-20	4/21/2020	1001	-5.12	-1.26	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-43-20	5/21/2020	1016	-4.76	-4.68	0.0	0	0.4	20.4	0 0	0.0	0 0	0.0	
VMP-43-20	6/18/2020	1111	-4.51	-4.52	0.0	0	0 6	20.4	0 0	0.0	0 0	0.0	
VMP-43-30	7/18/2019	0926	-8.20	-8.33	0.0	0	0 5	20 5	0 0	0.0	0 0	0.0	
VMP-43-30	8/22/2019	0924	-11 84	-9.12	0.0	0	0 6	20.4	0.1	0.0	0 0	0.0	
VMP-43-30	9/17/2019	0951	-11 39	-9.95	0.0	0	0 9	20.1	0 0	0.0	0 0	0.0	
VMP-43-30	10/17/2019	1153	-5.17	-5.12	0.0	0	0 5	20 5	0 0	0.0	0 0	0.0	
VMP-43-30	11/21/2019	1018	-5.42	-5.42	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-43-30	12/12/2019	1000	-4.97	-4.53	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	
VMP-43-30-Dup	12/12/2019	1000	NM	NM	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-43-30	1/21/2020	1012	-0.28	0 00	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-43-30	2/20/2020	1247	0 00	0 30	0.0	0	0 3	20.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-43-30	3/12/2020	931	0 00	0 24	0.0	0	0 9	19 6	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-43-30	4/21/2020	1002	-5.95	-1.46	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-43-30-Dup	4/21/2020	1002	NM	NM	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-43-30	5/21/2020	1017	-5.55	-5.47	0.0	0	0 5	20 3	0.1	0.0	0 0	0.0	
VMP-43-30-Dup	5/21/2020	1017	NM	NM	0.0	0	0 5	20 3	0.1	0.0	0 0	0.0	Duplicate sample.
VMP-43-30	6/18/2020	1112	-5.90	-5.92	0.0	0	0.7	20 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-44-10	7/18/2019	1240	0 00	0 00	0.0	0	2.1	18 6	0.1	0.0	0 0	0.0	
VMP-44-10	8/21/2019	1537	0 00	0 00	0.0	0	1 6	19 3	0 0	0.0	0 0	0.0	
VMP-44-10	9/17/2019	0843	0 00	0 00	0.0	0	0 6	20 3	0.1	0.0	0 0	0.0	
VMP-44-10	10/17/2019	1208	0 00	0 00	0.0	0	1 0	19.7	0 0	0.0	0 0	0.0	
VMP-44-10	11/21/2019	0858	0 00	-0.10	0.0	0	0 8	19.7	0 0	0.0	0 0	0.0	
VMP-44-10	12/12/2019	1137	0 00	0 00	0.0	0	0 3	20 5	0 0	0.0	0 0	0.0	
VMP-44-10	1/21/2020	0845	0 00	0 00	0.0	0	0.7	18 9	0.1	8.8	8 8	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-44-10	2/20/2020	1045	0 00	0 00	0.0	0	2.1	15.4	0 0	0.6	0 6	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-44-10	3/11/2020	1450	0 00	0 00	0.0	0	1 5	17.7	0 0	8.5	8 5	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-44-10	4/21/2020	1105	0 00	0 00	0.0	0	0 3	20 5	0 0	0.0	0 0	0.0	
VMP-44-10	5/21/2020	0815	-0.10	0 00	0.0	0	0.4	20.4	0 0	0.0	0 0	0.0	
VMP-44-10	6/18/2020	1100	0 00	0 00	0.0	0	0.4	20 5	0 0	0.0	0 0	0.0	
VMP-44-20	7/18/2019	1241	0 00	0 00	0.0	0	1 8	18 9	0.1	0.0	0 0	0.0	
VMP-44-20	8/21/2019	1538	0 00	0 00	0.0	0	1 3	19 5	0 0	0.0	0 0	0.0	
VMP-44-20	9/17/2019	0845	0 00	0 00	0.0	0	0.4	20 5	0 0	0.0	0 0	0.0	
VMP-44-20	10/17/2019	1209	0 00	0 00	0.0	0	0 8	20 0	0 0	0.0	0 0	0.0	
VMP-44-20	11/21/2019	0900	4.72	0 00	0.0	0	0 5	19 8	0 0	0.0	0 0	0.0	
VMP-44-20	12/12/2019	1138	0 00	0 00	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-44-20	1/21/2020	0846	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-44-20	2/20/2020	1046	0 00	0 00	0.0	0	1 6	16.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-44-20	3/11/2020	1451	0 00	0 00	0.0	0	1 0	18.4	0 0	9.0	9 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-44-20	4/21/2020	1106	0 00	0 00	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-44-20	5/21/2020	0816	-0.35	0 00	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-44-20	6/18/2020	1102	-0.19	0 00	0.0	0	0 2	20.7	0 2	0.0	0 0	0.0	
VMP-44-30	7/18/2019	1242	0 00	0 00	0.0	0	1 9	18 9	0 0	0.0	0 0	0.0	
VMP-44-30	8/21/2019	1539	0 00	0 00	0.0	0	1 2	19.7	0 0	0.0	0 0	0.0	
VMP-44-30	9/17/2019	0847	0 00	0 00	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-44-30	10/17/2019	1210	0 00	0 00	0.0	0	0 8	20.1	0 0	0.0	0 0	0.0	
VMP-44-30	11/21/2019	0902	-0.10	-0.09	0.0	0	0 5	19.7	0 0	0.0	0 0	0.0	
VMP-44-30	12/12/2019	1139	0 00	0 00	0.0	0	0 2	20 6	0 0	0.0	0 0	0.0	
VMP-44-30	1/21/2020	0847	0 00	0 00	0.0	0	0 3	19 8	0.1	9.7	9.7	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-44-30	2/20/2020	1047	0 00	0 00	0.0	0	1 6	16.4	0 0	1.6	1 6	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-44-30	3/11/2020	1452	0 00	0 00	0.0	0	0 8	18 9	0 0	4.4	4.4	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-44-30	4/21/2020	1107	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-44-30-Dup	4/21/2020	1107	NM	NM	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-44-30	5/21/2020	0817	-0.26	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-44-30	6/18/2020	1104	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-45-10	7/18/2019	1025	-0.11	-0.10	0.0	0	0 5	20.4	0.1	0.0	0 0	0.0	
VMP-45-10	8/21/2019	1443	0 00	0 00	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	
VMP-45-10	9/17/2019	0759	-0.10	0 00	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-45-10	10/17/2019	1131	-0.11	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-45-10	11/21/2019	0818	-0.15	-0.16	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-45-10	12/12/2019	1110	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-45-10	1/21/2020	0755	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-45-10	2/20/2020	0930	0 00	0 00	0.0	0	0.1	20 5	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-45-10	3/11/2020	1344	0 00	0 00	0.0	0	0 2	20 6	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-45-10	4/21/2020	1248	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-45-10	5/20/2020	1300	0 00	-0.10	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-45-10	6/18/2020	1008	0 00	-0.12	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-45-20	7/18/2019	1026	-0.09	0 00	0.0	0	0 5	20.4	0.1	0.0	0 0	0.0	
VMP-45-20	8/21/2019	1444	0 00	0 00	0.0	0	0.4	20 5	0 0	0.0	0 0	0.0	
VMP-45-20	9/17/2019	0801	-0.10	0 00	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	
VMP-45-20	10/17/2019	1132	-0.09	0 00	0.0	0	0 2	20 8	0 0	0.0	0 0	0.0	
VMP-45-20	11/20/2019	0820	-0.15	-0.15	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-45-20	12/12/2019	1111	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-45-20	1/21/2020	0756	0 00	0 00	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-45-20	2/20/2020	0931	0 00	0 00	0.0	0	0 3	20 2	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-45-20	3/11/2020	1345	0 00	0 00	0.0	0	0 6	20 3	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-45-20	4/21/2020	1249	-0.10	-0.10	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-45-20	5/20/2020	1301	0 00	-0.14	0.0	0	0 2	20 6	0 0	0.0	0 0	0.0	
VMP-45-20	6/18/2020	1010	0 00	-0.11	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-45-30	7/18/2019	1027	0 00	0 00	0.0	0	0.1	20.7	0.1	0.0	0 0	0.0	
VMP-45-30	8/21/2019	1445	-0.24	-0.17	0.0	0	1 2	19 9	0 0	0.0	0 0	0.0	
VMP-45-30-Dup	8/21/2019	1445	NM	NM	0.0	0	1 6	19 6	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-45-30	9/17/2019	0803	-0.29	-0.23	0.0	0	1.4	19.7	0 0	0.0	0 0	0.0	
VMP-45-30-Dup	9/17/2019	0803	NM	NM	0.0	0	1 6	19 6	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-45-30	10/17/2019	1133	-0.23	-0.21	0.0	0	1 5	19 9	0 0	0.0	0 0	0.0	
VMP-45-30	11/21/2019	0822	-0.45	-0.56	0.0	0	1 5	19 6	0.1	3.7	3.7	0.0	
VMP-45-30	12/12/2019	1112	0 00	0 00	0.0	0	0.7	20.4	0 0	0.0	0 0	0.0	
VMP-45-30	1/21/2020	0757	0 00	0 00	0.0	0	0 8	20 3	0 0	2.1	2.1	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-45-30	2/20/2020	0932	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-45-30	3/11/2020	1346	-0.30	0 00	0.0	0	0.4	20 5	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-45-30-Dup	3/11/2020	1346	NM	NM	0.0	0	0.4	20 5	0 0	0.0	0 0	0.0	Duplicate sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-45-30	4/21/2020	1250	-0.10	-0.11	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-45-30	5/20/2020	1302	-0.11	-0.11	0.0	0	0.1	20 8	0.1	0.0	0 0	0.0	
VMP-45-30	6/18/2020	1012	0 00	-0.10	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-46-10	7/17/2019	1044	-0.14	-0.14	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-46-10	8/21/2019	1036	-0.12	-0.27	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-46-10	9/16/2019	1125	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-46-10	10/16/2019	1128	-0.19	-0.14	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-46-10	11/20/2019	1104	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-46-10	12/11/2019	1112	-0.19	-0.10	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-46-10	1/20/2020	1200	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-46-10	2/20/2020	1515	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-46-10	3/11/2020	0931	0 00	0 00	0.0	0	0 0	20.7	0.1	1.5	1 5	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-46-10	4/20/2020	1040	-0.18	-0.15	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-46-10	5/20/2020	0955	-0.17	-0.20	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-46-10	6/17/2020	1005	0 00	0 00	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-46-20	7/17/2019	1046	-0.17	-0.18	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-46-20	8/21/2019	1037	-0.16	-0.33	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-46-20	9/16/2019	1126	-0.09	0 00	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-46-20	10/16/2019	1129	-0.23	-0.16	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-46-20	11/20/2019	1105	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-46-20	12/11/2019	1113	-0.20	-0.11	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-46-20	1/20/2020	1201	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-46-20	2/20/2020	1516	0 00	0 00	0.0	0	0.1	20 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-46-20	3/11/2020	0932	0 00	0 00	0.0	0	0 3	20 5	0.1	0.9	0 9	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-46-20	4/20/2020	1041	-0.19	-0.21	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-46-20	5/20/2020	0956	-0.19	-0.18	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-46-20	6/17/2020	1006	0 00	0 00	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-46-30	7/17/2019	1048	-0.15	-0.18	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-46-30	8/21/2019	1038	-0.14	-0.32	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-46-30	9/16/2019	1127	0 00	0 00	0.0	0	0.1	20 8	0.1	0.0	0 0	0.0	
VMP-46-30-Dup	9/16/2019	1127	NM	NM	0.0	0	0.1	20 8	0.1	0.0	0 0	0.0	Duplicate sample.
VMP-46-30	10/16/2019	1130	-0.22	-0.20	0.0	0	0.1	20 8	0.1	0.0	0 0	0.0	
VMP-46-30	11/20/2019	1106	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-46-30	12/11/2019	1114	-0.22	-0.11	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-46-30	1/20/2020	1202	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-46-30	2/20/2020	1517	0 00	0 00	0.0	0	0 2	20 5	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-46-30	3/11/2020	0933	0 09	0 00	0.0	0	0 2	20 5	0.1	1.0	1 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-46-30	4/20/2020	1042	-0.20	-0.16	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-46-30-Dup	4/20/2020	1042	NM	NM	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-46-30	5/20/2020	0957	-0.18	-0.18	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-46-30	6/17/2020	1007	0 00	0 00	0.0	0	0.1	20.7	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-47-5	7/17/2019	1414	0 00	0 00	0.0	0	0 6	20 3	0.1	0.0	0 0	0.0	
VMP-47-5	8/22/2019	0848	0 00	0 00	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-47-5	9/17/2019	0801	0 00	0 00	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-47-5	10/17/2019	0857	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-47-5	11/21/2019	0859	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-47-5	12/12/2019	0819	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-47-5	1/21/2020	0950	0 00	0 00	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-47-5	2/20/2020	1034	0 00	0 00	0.0	0	0 5	20 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-47-5	3/11/2020	1407	0 00	0 00	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-47-5	4/20/2020	1402	-0.10	-0.09	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-47-5	5/21/2020	0805	-0.15	0 00	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-47-5	6/17/2020	1410	-0.15	-0.10	0.0	0	0 5	20 2	0.1	0.0	0 0	0.0	
VMP-47-10	7/17/2019	1416	-0.28	-0.47	0.0	0	0.7	20 2	0.1	0.0	0 0	0.0	
VMP-47-10	8/22/2019	0844	-0.29	-0.28	0.0	0	0.7	20 3	0 0	0.0	0 0	0.0	
VMP-47-10	9/17/2019	0802	-0.28	-0.37	0.0	0	0 6	20 5	0 0	0.0	0 0	0.0	
VMP-47-10	10/17/2019	0858	-0.29	-0.27	0.0	0	0 5	20 5	0 0	0.0	0 0	0.0	
VMP-47-10	11/21/2019	0900	-0.26	-0.24	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	
VMP-47-10	12/12/2019	0820	-0.26	-0.25	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	
VMP-47-10	1/21/2020	0951	0 00	0 00	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-47-10	2/20/2020	1035	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-47-10	3/11/2020	1408	0 00	0 00	0.0	0	0 6	20.4	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-47-10	4/20/2020	1403	-0.30	-0.29	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-47-10	5/21/2020	0806	-0.43	-0.35	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-47-10	6/17/2020	1411	-0.35	-0.32	0.0	0	0 8	20 2	0 0	0.0	0 0	0.0	
VMP-47-20	7/17/2019	1418	-3.15	-3.15	0.0	0	0.7	20 2	0.1	0.0	0 0	0.0	
VMP-47-20	8/22/2019	0846	-3.80	-3.73	0.0	0	0 9	20.1	0 0	0.0	0 0	0.0	
VMP-47-20	9/17/2019	0803	-3.80	-3.61	0.0	0	0.7	20.4	0 0	0.0	0 0	0.0	
VMP-47-20-Dup	9/17/2019	0803	NM	NM	0.0	0	0.7	20.4	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-47-20	10/17/2019	0859	-3.81	-3.92	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	
VMP-47-20	11/21/2019	0901	-3.19	-3.20	0.0	0	0 3	20 5	0 0	0.0	0 0	0.0	
VMP-47-20	12/12/2019	0821	-3.54	-3.39	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-47-20-Dup	12/12/2019	0821	NM	NM	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-47-20	1/21/2020	0952	-0.21	0 00	0.0	0	0.7	20 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-47-20	2/20/2020	1036	-0.19	0.14	0.0	0	0.7	20 2	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-47-20	3/11/2020	1409	0 00	0.10	0.0	0	0 6	20 2	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-47-20	4/20/2020	1404	-3.37	-3.05	0.0	0	0 2	20 6	0 0	0.0	0 0	0.0	
VMP-47-20	5/21/2020	0807	-4.08	-3.83	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-47-20	6/17/2020	1412	-3.20	-3.15	0.0	0	0 2	20 6	0 0	0.0	0 0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-47-30	7/17/2019	1420	-4.23	-4.24	0.0	0	1 3	19 3	0.1	0.0	0 0	0.0	
VMP-47-30	8/22/2019	0848	-5.04	-4.58	0.0	0	1.4	19 6	0 0	0.0	0 0	0.0	
VMP-47-30	9/17/2019	0804	-5.03	-4.79	0.0	0	1.7	19.4	0 0	0.0	0 0	0.0	
VMP-47-30	10/17/2019	0900	-4.63	-4.84	0.0	0	1.4	19 8	0 0	0.0	0 0	0.0	
VMP-47-30	11/21/2019	0902	-4.29	-3.77	0.0	0	0 9	20 0	0 0	0.0	0 0	0.0	
VMP-47-30	12/12/2019	0822	-4.65	-4.49	0.0	0	0 9	20.1	0 0	0.0	0 0	0.0	
VMP-47-30	1/21/2020	0953	-0.09	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-47-30	2/20/2020	1037	-0.25	-0.20	0.0	0	1.1	20 0	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-47-30	3/11/2020	1410	0 00	0 09	0.0	0	1.4	19 5	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-47-30	4/20/2020	1405	-3.44	-3.71	0.0	0	0 6	20 3	0 0	0.0	0 0	0.0	
VMP-47-30	5/21/2020	0808	-5.33	-5.01	0.0	0	0 8	20 0	0 0	0.0	0 0	0.0	
VMP-47-30	6/17/2020	1414	-4.20	-4.15	0.0	0	1.1	19.4	0 0	0.0	0 0	0.0	
VMP-47-30-Dup	6/17/2020	1414	NM	NM	0.0	0	1 2	19.4	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-48-5	7/18/2019	1112	0 00	0 00	0.0	0	7 3	13 9	0 0	0.0	0 0	0.0	
VMP-48-5	8/22/2019	0946	0 00	0 00	0.0	0	6 0	13 0	0 0	0.0	0 0	0.0	
VMP-48-5	9/17/2019	0911	0 00	0 00	0.0	0	6 3	13 8	0 0	0.0	0 0	0.0	
VMP-48-5	10/17/2019	1012	0 00	0 00	0.0	0	4.1	17.7	0 0	0.0	0 0	0.0	
VMP-48-5	11/21/2019	0939	0 00	0 00	0.0	0	2.7	17 6	0 0	0.0	0 0	0.0	
VMP-48-5	12/12/2019	0846	0 00	0 00	0.0	0	2.7	19 0	0 0	0.0	0 0	0.0	
VMP-48-5	1/21/2020	1125	0 00	0 00	0.0	0	1 6	18 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-48-5	2/20/2020	1204	0 00	0 00	0.0	0	1.4	19 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-48-5	3/11/2020	1439	0 00	0 00	0.0	0	1 3	18.7	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-48-5	4/20/2020	1508	0 00	0 00	0.0	0	2 2	17 9	0 0	0.0	0 0	0.0	
VMP-48-5	5/21/2020	0925	0 00	0 00	0.0	0	4 2	13 2	0.4	14 6	14.6	0.0	
VMP-48-5	5/21/2020	1050	0 00	NM	0.0	0	4 3	12 9	0 2	17.4	17.4	0.0	Re-sample.
VMP-48-5	6/18/2020	0900	0 00	0 00	0.0	0	6 6	15 8	0 0	0.0	0 0	0.0	
VMP-48-10	7/18/2019	1114	0 00	0 00	0.0	0	4 3	16.1	0 0	0.0	0 0	0.0	
VMP-48-10	8/22/2019	0948	0 00	0 00	0.0	0	4 5	15.7	0 0	0.0	0 0	0.0	
VMP-48-10	9/17/2019	0912	0 00	0 00	0.0	0	4.7	15 2	0 0	0.0	0 0	0.0	
VMP-48-10	10/17/2019	1013	0 00	0 00	0.0	0	5 8	15.4	0 0	0.0	0 0	0.0	
VMP-48-10	11/21/2019	0940	0 00	0 00	0.0	0	5 2	15 9	0 0	0.0	0 0	0.0	
VMP-48-10	12/12/2019	0847	0 00	0 00	0.0	0	4 2	17 3	0 0	0.0	0 0	0.0	
VMP-48-10	1/21/2020	1126	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-48-10	2/20/2020	1205	0 00	0 00	0.0	0	3.1	18 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-48-10	3/11/2020	1440	0 00	0 00	0.0	0	3.4	18.1	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-48-10	4/20/2020	1509	0 00	0 00	0.0	0	2 8	18 3	0 0	0.0	0 0	0.0	
VMP-48-10	5/21/2020	0926	0 00	0 00	0.0	0	3 3	17 0	0 3	7.9	7 9	0.0	
VMP-48-10	5/21/2020	1051	0 00	NM	0.0	0	3 2	17 2	0 2	2.7	2.7	0.0	Re-sample.
VMP-48-10-Dup	5/21/2020	0926	NM	NM	0.0	0	3 3	17.1	0 3	8.1	8.1	0.0	Duplicate sample.
VMP-48-10	6/18/2020	0901	0 00	0 00	0.0	0	3.7	17 3	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-48-20	7/18/2019	1115	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	8/22/2019	0950	0 00	0 00	0.0	0	3.4	16 0	0 0	0.0	0 0	0.0	
VMP-48-20	9/17/2019	0913	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	10/17/2019	1014	0 00	0 00	0.0	0	5 2	14 8	0 0	0.0	0 0	0.0	
VMP-48-20	11/21/2019	0941	0 00	0 00	0.0	0	5 0	16 0	0 0	0.0	0 0	0.0	
VMP-48-20	12/12/2019	0848	0 00	0 00	0.0	0	4 9	16.4	0 0	0.0	0 0	0.0	
VMP-48-20	1/21/2020	1127	0 00	0.13	0.0	0	4 3	17 2	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-48-20	2/20/2020	1206	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	3/11/2020	1441	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	4/20/2020	1510	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	5/21/2020	0927	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	6/18/2020	0902	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-30	7/18/2019	1116	-0.11	-0.09	0.0	0	1.7	19 9	0 0	0.0	0 0	0.0	
VMP-48-30	8/22/2019	0952	-0.24	-0.36	0.0	0	4 8	17 2	0 0	0.0	0 0	0.0	
VMP-48-30-Dup	8/22/2019	0952	NM	NM	0.0	0	5.1	16 9	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-48-30	9/17/2019	0914	-0.24	0 00	0.0	0	5 3	16.1	0 0	0.0	0 0	0.0	
VMP-48-30-Dup	9/17/2019	0914	NM	NM	0.0	0	5.4	15 9	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-48-30	10/17/2019	1015	-0.30	-0.12	0.0	0	5 3	15 8	0 0	0.0	0 0	0.0	
VMP-48-30	11/21/2019	0942	-0.19	0 00	0.0	0	5.1	15 6	0 0	0.0	0 0	0.0	
VMP-48-30	12/12/2019	0849	0 00	0 34	0.0	0	5 3	15 3	0 0	0.0	0 0	0.0	
VMP-48-30	1/21/2020	1128	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-48-30	2/20/2020	1207	0 00	0 25	0.0	0	5 9	15 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-48-30	3/11/2020	1442	-0.13	0 21	0.0	0	6 0	15 6	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-48-30	4/20/2020	1511	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-30	5/21/2020	0928	0 00	0 00	0.0	0	0 0	20 8	0 3	13.4	13.4	0.0	
VMP-48-30	5/21/2020	1053	0 00	NM	0.0	0	0.1	20 8	0 2	6.9	6 9	0.0	Re-sample.
VMP-48-30	6/18/2020	0903	-0.11	-0.20	0.0	0	6 0	16.1	0 0	0.0	0 0	0.0	
VMP-49-5	7/18/2019	0840	-0.95	-0.92	0.0	0	1 0	20.1	0 0	0.0	0 0	0.0	
VMP-49-5	8/22/2019	1010	-1.18	-1.18	0.0	0	1 0	20 0	0 0	0.0	0 0	0.0	
VMP-49-5	9/17/2019	1005	-0.95	-0.93	0.0	0	0 8	20.1	0 0	0.0	0 0	0.0	
VMP-49-5	10/17/2019	1058	-0.56	-0.62	0.0	0	0.7	20 3	0 0	0.0	0 0	0.0	
VMP-49-5	11/21/2019	1051	-0.69	-0.65	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-49-5	12/12/2019	0900	-0.69	-0.67	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-49-5	1/21/2020	1220	0 00	0 28	0.0	0	0 2	20 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-49-5	2/20/2020	1313	0 09	0 00	0.0	0	0 3	20.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-49-5	3/12/2020	858	0.11	0 00	0.0	0	2.4	17 8	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-49-5	4/21/2020	0945	-1.14	-1.07	0.0	0	0 5	20.4	0 0	0.0	0 0	0.0	
VMP-49-5-Dup	4/21/2020	0945	NM	NM	0.0	0	0 5	20 5	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-49-5	5/21/2020	1024	-1.00	-0.97	0.0	0	0 6	20 2	0 0	0.0	0 0	0.0	
VMP-49-5	6/18/2020	1040	-0.73	-0.81	0.0	0	1.1	20 0	0.1	0.0	0 0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-49-10	7/18/2019	0842	-0.71	-0.67	0.0	0	2 8	18 5	0 0	0.0	0 0	0.0	
VMP-49-10	8/22/2019	1011	-0.93	-0.90	0.0	0	3.1	17 9	0 0	0.0	0 0	0.0	
VMP-49-10	9/17/2019	1006	-0.69	-0.82	0.0	0	2.1	19 2	0 0	0.0	0 0	0.0	
VMP-49-10	10/17/2019	1059	-0.39	-0.43	0.0	0	1.1	20 0	0 0	0.0	0 0	0.0	
VMP-49-10	11/21/2019	1052	-0.51	-0.44	0.0	0	0.4	20 5	0 0	0.0	0 0	0.0	
VMP-49-10	12/12/2019	0901	-0.53	-0.51	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-49-10	1/21/2020	1223	0.10	0 22	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-49-10	2/20/2020	1314	-0.18	0 00	0.0	0	0.4	20.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-49-10	3/12/2020	859	0 00	0 00	0.0	0	0 8	20.4	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-49-10	4/21/2020	0946	-0.91	-0.81	0.0	0	0.7	20 3	0 0	0.0	0 0	0.0	
VMP-49-10	5/21/2020	1025	-0.83	-0.80	0.0	0	1 6	19 6	0 0	0.0	0 0	0.0	
VMP-49-10	6/18/2020	1041	-0.58	-0.64	0.0	0	2 3	19.4	0 2	0.0	0 0	0.0	
VMP-49-20	7/18/2019	0844	0 00	0 00	0.0	0	2 6	18 6	0 0	0.0	0 0	0.0	
VMP-49-20	8/22/2019	1012	-0.13	-0.12	0.0	0	3 3	17.7	0.1	0.0	0 0	0.0	
VMP-49-20	9/17/2019	1007	0 00	0 00	0.0	0	1 9	19 3	0 0	0.0	0 0	0.0	
VMP-49-20	10/17/2019	1100	0 00	0 00	0.0	0	0 8	20 2	0 0	0.0	0 0	0.0	
VMP-49-20	11/21/2019	1053	0 00	0 00	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-49-20	12/12/2019	0902	0 00	0 00	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-49-20	1/21/2020	1222	0 00	0 00	0.0	0	0 2	20 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-49-20	2/20/2020	1315	0 00	0 00	0.0	0	0 3	20 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-49-20	3/12/2020	900	0 00	0 00	0.0	0	0 5	20 5	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-49-20	4/21/2020	0947	-0.10	0 00	0.0	0	0 6	20.4	0 0	0.0	0 0	0.0	
VMP-49-20	5/21/2020	1026	0 00	0 00	0.0	0	1 0	19.7	0 0	0.0	0 0	0.0	
VMP-49-20	6/18/2020	1042	0 00	-0.10	0.0	0	2 3	19 3	0 2	0.0	0 0	0.0	
VMP-49-30	7/18/2019	0846	-2.93	-2.92	0.0	0	1 0	20 0	0 0	0.0	0 0	0.0	
VMP-49-30	8/22/2019	1013	-3.49	-3.52	0.0	0	1.1	19 8	0 0	0.0	0 0	0.0	
VMP-49-30	9/17/2019	1008	-3.22	-3.15	0.0	0	0 8	20 0	0 0	0.0	0 0	0.0	
VMP-49-30	10/17/2019	1101	-2.33	-2.38	0.0	0	0 9	20.1	0 0	0.0	0 0	0.0	
VMP-49-30	11/21/2019	1054	-2.65	-2.61	0.0	0	0.7	20 3	0 0	0.0	0 0	0.0	
VMP-49-30-Dup	11/21/2019	1054	NM	NM	0.0	0	0.7	20 2	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-49-30	12/12/2019	0903	-2.24	-2.21	0.0	0	0 6	20.4	0 0	0.0	0 0	0.0	
VMP-49-30	1/21/2020	1223	0.42	0 68	0.0	0	3 2	15.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-49-30	2/20/2020	1316	0 00	0.18	0.0	0	3 9	12.4	0 0	26.1	26.1	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-49-30	3/12/2020	901	0.44	0 24	0.0	0	6 8	10.1	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-49-30	4/21/2020	0947	-3.39	-3.24	0.0	0	0 6	20.4	0 0	0.0	0 0	0.0	
VMP-49-30	5/21/2020	1027	-2.74	-2.67	0.0	0	0 6	20 2	0 0	0.0	0 0	0.0	
VMP-49-30	6/18/2020	1043	-2.14	-2.33	0.0	0	1 2	19 9	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-50-5	7/18/2019	1006	0 00	0 00	0.0	0	1 8	19 2	0 0	0.0	0 0	0.0	
VMP-50-5	8/22/2019	0822	-0.11	0 00	0.0	0	1 3	19 8	0 0	0.0	0 0	0.0	
VMP-50-5	9/17/2019	0916	0 00	0 00	0.0	0	1 0	19.7	0 0	0.0	0 0	0.0	
VMP-50-5	10/17/2019	1241	0 00	0 00	0.0	0	0 5	20 5	0 0	0.0	0 0	0.0	
VMP-50-5	11/21/2019	0940	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-50-5	12/12/2019	1051	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-50-5	1/21/2020	0945	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-50-5	2/20/2020	1230	0 00	0 00	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-50-5	3/12/2020	0905	0 00	0 00	0.0	0	0 3	20.4	0.1	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-50-5	4/21/2020	1050	0 00	0 00	0.0	0	0 3	20 5	0 0	0.0	0 0	0.0	
VMP-50-5	5/21/2020	0850	-0.10	0 00	0.0	0	0 6	20 2	0 0	0.0	0 0	0.0	
VMP-50-5	6/18/2020	1128	-0.12	0 00	0.0	0	1.4	19.7	0 0	0.0	0 0	0.0	
VMP-50-10	7/18/2019	1008	-0.10	-0.16	0.0	0	2.1	18 9	0 0	0.0	0 0	0.0	
VMP-50-10	8/22/2019	0823	-0.24	-0.24	0.0	0	1 9	19.4	0 0	0.0	0 0	0.0	
VMP-50-10	9/17/2019	0918	-0.16	-0.22	0.0	0	1 5	19 2	0 0	0.0	0 0	0.0	
VMP-50-10	10/17/2019	1242	-0.13	-0.16	0.0	0	1.1	20 0	0 0	0.0	0 0	0.0	
VMP-50-10	11/21/2019	0942	-0.32	-0.26	0.0	0	0.4	20 5	0 0	0.0	0 0	0.0	
VMP-50-10	12/12/2019	1052	-0.14	-0.10	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-50-10	1/21/2020	0946	0 00	0 00	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-50-10	2/20/2020	1231	0 00	0 00	0.0	0	0 3	20 5	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-50-10	3/12/2020	0906	0 00	0 00	0.0	0	0 5	20.1	0.1	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-50-10	4/21/2020	1051	-0.06	-0.23	0.0	0	0 5	20.4	0.1	0.0	0 0	0.0	
VMP-50-10-Dup	4/21/2020	1051	NM	NM	0.0	0	0 5	20.4	0.1	0.0	0 0	0.0	Duplicate sample.
VMP-50-10	5/21/2020	0851	-0.34	-0.28	0.0	0	0 8	20.1	0 0	0.0	0 0	0.0	
VMP-50-10	6/18/2020	1130	-0.28	-0.26	0.0	0	1 6	19 3	0 0	0.0	0 0	0.0	
VMP-50-20	7/18/2019	1010	-0.84	-0.89	0.0	0	2.1	18.7	0 0	0.0	0 0	0.0	
VMP-50-20	8/22/2019	0824	-1.17	-1.13	0.0	0	2 3	19.1	0 0	0.0	0 0	0.0	
VMP-50-20	9/17/2019	0920	-1.08	-0.85	0.0	0	1.1	19.7	0 0	0.0	0 0	0.0	
VMP-50-20	10/17/2019	1243	-0.80	-0.94	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	Re-sampled. Ambient air inadvertently introduced to sample.
VMP-50-20	10/17/2019	1556	-1.02	NM	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	Re-sample.
VMP-50-20	11/21/2019	0944	-1.55	-1.44	0.0	0	1 0	20 2	0.1	0.0	0 0	0.0	
VMP-50-20	12/12/2019	1053	-0.99	-0.88	0.0	0	1.1	20 3	0 0	0.0	0 0	0.0	
VMP-50-20	1/21/2020	0947	-0.12	0 00	0.0	0	2 3	19 2	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-50-20	2/20/2020	1232	-0.22	0 00	0.0	0	2 2	19.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-50-20-Dup	2/20/2020	1232	NM	NM	0.0	0	2 2	19 3	0 0	0.0	0 0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-50-20	3/12/2020	0907	0 00	0 00	0.0	0	1 5	19 3	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-50-20	4/21/2020	1052	-0.33	0 00	0.0	0	0 9	20.1	0 0	0.0	0 0	0.0	
VMP-50-20	5/21/2020	0852	-1.26	-1.15	0.0	0	1 0	20 0	0.1	0.0	0 0	0.0	
VMP-50-20	6/18/2020	1132	-1.17	-1.11	0.0	0	1 2	19 8	0 0	0.0	0 0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-50-30	7/18/2019	1012	-3.60	-3.62	0.1	2	1 9	18 9	21.3	116	4.7	111	
VMP-50-30	8/22/2019	0825	-4.04	-3.89	0.1	2	2 5	18 3	21.9	135	17.3	118	
VMP-50-30	9/17/2019	0922	-3.75	-3.75	0.1	2	2 6	18.1	18.2	159	59.6	99.4	
VMP-50-30	10/17/2019	1244	-2.87	-2.90	0.1	2	2.7	18.4	15.1	145	55.1	89 9	
VMP-50-30	11/21/2019	0946	-3.91	-3.79	0.0	1	2.7	18.4	14.7	185	119	66 0	
VMP-50-30	12/12/2019	1054	-3.63	-3.04	0.0	0	1 9	19 5	6.7	35.1	4.4	30.7	Re-sampled due to decreased THC.
VMP-50-30	12/12/2019	1319	-3.04	NM	0.0	1	2 2	19 3	10.7	53.1	4.7	48.4	Re-sample.
VMP-50-30	1/21/2020	0948	-0.23	0 00	0.1	2	1 9	19.4	16.4	106	28.6	77.4	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-50-30	2/20/2020	1233	-0.50	0 00	0.0	1	2 9	15 8	1 8	30 9	22.2	8.7	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-50-30	3/12/2020	0908	0 24	0 37	0.0	1	2 2	18 9	17.9	107	7 3	99.7	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-50-30	4/21/2020	1053	-1.16	-4.59	0.0	0	1 6	19 6	6 5	33 6	2 5	31.1	
VMP-50-30	5/21/2020	0853	-4.40	-4.18	0.0	0	1 3	19.7	6 6	39.4	3.7	35.7	
VMP-50-30	6/18/2020	1134	-3.71	0 00	0.0	1	1 5	19 2	11.3	66.1	5 9	60 2	
VMP-50-30-Dup	6/18/2020	1134	NM	NM	0.0	1	1 5	19 3	11.5	66.7	5.7	61 0	Duplicate sample.
VMP-51-5	7/18/2019	1048	0 00	0 00	0.0	0	1.1	19.7	0.1	0.0	0 0	0.0	
VMP-51-5	8/21/2019	1518	0 00	0 00	0.0	0	1 5	19.7	0 0	0.0	0 0	0.0	
VMP-51-5	9/17/2019	0818	0 00	0 00	0.0	0	1 2	20.1	0 0	0.0	0 0	0.0	
VMP-51-5	10/17/2019	1150	0 00	0 00	0.0	0	0 6	20.4	0 0	0.0	0 0	0.0	
VMP-51-5	11/21/2019	0836	0 00	0 00	0.0	0	0 3	20 5	0 0	0.0	0 0	0.0	
VMP-51-5	12/12/2019	1137	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-51-5	1/21/2020	0820	0 00	0 00	0.0	0	0 3	20 5	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-51-5	2/20/2020	1015	0 00	0 00	0.0	0	0.4	20.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-51-5	3/11/2020	1427	0 00	0 00	0.0	0	0.4	20.4	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-51-5	4/21/2020	1323	0 00	0 00	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-51-5	5/21/2020	0755	-0.13	0 00	0.0	0	0 6	20.4	0 0	0.0	0 0	0.0	
VMP-51-5	6/18/2020	1034	0 00	0 00	0.0	0	0 6	20.4	0 0	0.0	0 0	0.0	
VMP-51-10	7/18/2019	1049	-0.10	-0.09	0.0	0	1 9	19 3	0.1	0.0	0 0	0.0	
VMP-51-10	8/21/2019	1519	0 00	-0.17	0.0	0	2 2	18 8	0 0	0.0	0 0	0.0	
VMP-51-10	9/17/2019	0820	0 00	0 00	0.0	0	2.1	19.4	0 0	0.0	0 0	0.0	
VMP-51-10	10/17/2019	1151	-0.10	0 00	0.0	0	1.4	19 9	0 0	0.0	0 0	0.0	
VMP-51-10	11/21/2019	0838	0 00	-0.14	0.0	0	0 8	20.1	0 0	0.0	0 0	0.0	
VMP-51-10	12/12/2019	1138	0 00	0 00	0.0	0	0 6	20 5	0 0	0.0	0 0	0.0	
VMP-51-10	1/21/2020	0821	0 00	0 00	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-51-10	2/20/2020	1016	0 00	0 00	0.0	0	0.4	20 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-51-10	3/11/2020	1428	0.11	0.10	0.0	0	0.4	20.4	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-51-10	4/21/2020	1324	-0.09	0 00	0.0	0	0 8	20 2	0 0	0.0	0 0	0.0	
VMP-51-10	5/21/2020	0756	-0.22	-0.13	0.0	0	1 3	19 6	0 0	0.0	0 0	0.0	
VMP-51-10	6/18/2020	1036	-0.11	0 00	0.0	0	1 8	19 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-51-20	7/18/2019	1050	-0.24	-0.27	0.0	0	2.1	18.7	0 0	0.0	0 0	0.0	
VMP-51-20	8/21/2019	1520	0 00	0 00	0.0	0	2.7	18 5	0 0	0.0	0 0	0.0	
VMP-51-20	9/17/2019	0822	-0.22	-0.21	0.0	0	2.7	18.4	0 0	0.0	0 0	0.0	
VMP-51-20	10/17/2019	1152	-0.20	0 00	0.0	0	2.1	19.4	0 0	0.0	0 0	0.0	
VMP-51-20	11/21/2019	0840	-0.80	-0.29	0.0	0	2 3	19.1	0 0	0.0	0 0	0.0	
VMP-51-20	12/12/2019	1139	0 00	0 00	0.0	0	1.7	19 9	0 0	0.0	0 0	0.0	
VMP-51-20	1/21/2020	0822	0 00	0 00	0.0	0	1 2	20.1	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-51-20	2/20/2020	1017	0 00	0 00	0.0	0	0 9	20 0	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-51-20	3/11/2020	1429	0.18	0.11	0.0	0	1 3	19 8	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-51-20	4/21/2020	1325	-0.27	0 00	0.0	0	1 0	20 0	0 0	0.0	0 0	0.0	
VMP-51-20-Dup	4/21/2020	1325	NM	NM	0.0	0	1 0	20 0	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-51-20	5/21/2020	0757	-0.48	-0.34	0.0	0	1 2	19 6	0 0	0.0	0 0	0.0	
VMP-51-20	6/18/2020	1038	-0.27	-0.31	0.0	0	1 5	19 2	0 0	0.0	0 0	0.0	
VMP-51-30	7/18/2019	1051	-0.25	-0.28	0.0	0	2 0	18 6	0.1	0.0	0 0	0.0	
VMP-51-30	8/21/2019	1521	0 00	-0.10	0.0	0	2.7	18 5	0 0	0.0	0 0	0.0	
VMP-51-30	9/17/2019	0824	-0.23	-0.23	0.0	0	2 9	18 2	0 0	0.0	0 0	0.0	
VMP-51-30	10/17/2019	1153	-0.20	-0.17	0.0	0	3 0	18 5	0 0	0.0	0 0	0.0	
VMP-51-30	11/21/2019	0842	-0.31	-0.30	0.0	0	2 8	18 8	0 0	0.0	0 0	0.0	
VMP-51-30	12/12/2019	1140	0 00	0 00	0.0	0	2 6	19.1	0 0	0.0	0 0	0.0	
VMP-51-30	1/21/2020	0823	0 00	0 00	0.0	0	2 0	19 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-51-30	2/20/2020	1018	0 00	-0.09	0.0	0	1 9	19 5	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-51-30	3/11/2020	1430	0.42	0 00	0.0	0	1 8	19 6	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-51-30	4/21/2020	1326	-0.27	0 00	0.0	0	1 6	19.7	0 0	0.0	0 0	0.0	
VMP-51-30	5/21/2020	0758	-0.48	-0.36	0.0	0	1 6	19.4	0 0	0.0	0 0	0.0	
VMP-51-30-Dup	5/21/2020	0758	NM	NM	0.0	0	1 6	19.4	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-51-30	6/18/2020	1040	-0.29	-0.31	0.0	0	1 5	19 2	0 0	0.0	0 0	0.0	
VMP-52-5	7/18/2019	0953	0 00	0 00	0.0	0	4.7	16 5	0.1	0.0	0 0	0.0	
VMP-52-5	8/21/2019	1424	0 00	0 00	0.0	0	4 3	15.1	0 0	0.0	0 0	0.0	
VMP-52-5	9/16/2019	1449	0 00	0 00	0.0	0	4 5	15.7	0.1	0.0	0 0	0.0	
VMP-52-5	10/17/2019	1016	0 00	0 00	0.0	0	3.1	18 9	0 0	0.0	0 0	0.0	
VMP-52-5	11/20/2019	1434	0 00	0 00	0.0	0	1 3	19 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-52-5	12/12/2019	1048	0 00	0 00	0.0	0	1 0	20 0	0 0	0.0	0 0	0.0	
VMP-52-5	1/20/2020	1433	0 00	0 00	0.0	0	0 6	20 0	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-52-5	2/20/2020	0900	0 00	0 00	0.0	0	0 6	20 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-52-5	3/11/2020	1330	0 00	0 00	0.0	0	0.7	19 9	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-52-5	4/21/2020	1258	0 00	0 00	0.0	0	1.1	19 6	0 0	0.0	0 0	0.0	
VMP-52-5	5/20/2020	1245	-0.26	0 00	0.0	0	2 3	16 6	0 0	0.0	0 0	0.0	
VMP-52-5	6/18/2020	0955	0 00	0 00	0.0	0	3 0	18 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-52-10	7/18/2019	0954	0 00	0 00	0.0	0	4 5	15 2	0.1	0.0	0 0	0.0	
VMP-52-10	8/21/2019	1425	0 00	0 00	0.0	0	4.1	13.7	0 0	0.0	0 0	0.0	
VMP-52-10	9/16/2019	1451	0 00	0 00	0.0	0	4 9	13.1	0 0	0.0	0 0	0.0	
VMP-52-10	10/17/2019	1017	0 00	0 00	0.0	0	5 8	16 9	0 0	0.0	0 0	0.0	
VMP-52-10	11/20/2019	1436	0 00	0 00	0.0	0	5 2	17 8	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-52-10	12/12/2019	1049	0 00	0 00	0.0	0	2 6	19.1	0 0	0.0	0 0	0.0	
VMP-52-10	1/20/2020	1434	-0.78	NM	NM	NM	NM	NM	NM	NM	NM	NM	Sample not screened. Water in tedlar.
VMP-52-10	2/20/2020	0901	0 00	0 00	0.0	0	2.1	18 2	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-52-10	3/11/2020	1331	0 00	0 00	0.0	0	1 8	18 3	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-52-10	4/21/2020	1259	0 00	0 00	0.0	0	2.1	18 6	0 0	0.0	0 0	0.0	
VMP-52-10	5/20/2020	1246	-0.14	-0.58	0.0	0	1 6	16 8	0.1	0.0	0 0	0.0	
VMP-52-10	6/18/2020	0957	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-52-20	7/18/2019	0955	-0.28	-0.30	0.0	0	2 3	18 8	0.1	0.0	0 0	0.0	
VMP-52-20	8/21/2019	1426	-0.40	-0.21	0.0	0	2 6	18 8	0 0	0.0	0 0	0.0	
VMP-52-20	9/16/2019	1453	-0.32	-0.32	0.0	0	2 5	18.4	0 0	0.0	0 0	0.0	
VMP-52-20	10/17/2019	1018	-0.33	-0.39	0.0	0	2 9	18 8	0 0	0.0	0 0	0.0	
VMP-52-20	11/20/2019	1438	0 00	0.10	0.0	0	2 5	19.1	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-52-20	12/12/2019	1050	-0.21	0 00	0.0	0	1 8	19 8	0 0	0.0	0 0	0.0	
VMP-52-20	1/20/2020	1435	0 00	0 00	0.0	0	1 6	19 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-52-20	2/20/2020	0902	-0.42	0 00	0.0	0	2.1	19 2	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-52-20	3/11/2020	1332	0 20	0.10	0.0	0	2 0	19 3	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-52-20	4/21/2020	1300	-0.42	-0.44	0.0	0	1 0	20 0	0 0	0.0	0 0	0.0	
VMP-52-20	5/20/2020	1247	-0.63	-0.42	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-52-20	6/18/2020	0959	-0.38	0 00	0.0	0	1.4	19.4	0 0	0.0	0 0	0.0	
VMP-52-30	7/18/2019	0956	-0.24	-0.31	0.0	0	2.4	18.7	0.1	0.0	0 0	0.0	
VMP-52-30	8/21/2019	1427	-0.41	-0.35	0.0	0	2 6	18 6	0 0	0.0	0 0	0.0	
VMP-52-30	9/16/2019	1455	-0.32	-0.33	0.0	0	2.4	18.4	0 0	0.0	0 0	0.0	
VMP-52-30	10/17/2019	1019	-0.32	-0.40	0.0	0	2 8	18.7	0 0	0.0	0 0	0.0	
VMP-52-30	11/20/2019	1440	0 00	0.10	0.0	0	2 5	19 3	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-52-30-Dup	11/20/2019	1440	NM	NM	0.0	0	2 6	19 3	0 0	0.0	0 0	0.0	Duplicate sample. SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-52-30	12/12/2019	1051	-0.22	0 00	0.0	0	2 3	19.4	0 0	0.0	0 0	0.0	
VMP-52-30	1/20/2020	1436	0 00	0 00	0.0	0	1 9	19 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-52-30	2/20/2020	0903	-0.11	0 00	0.0	0	2 2	19.1	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-52-30	3/11/2020	1333	0 00	0.10	0.0	0	2 0	19 3	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-52-30	4/21/2020	1301	-0.40	-0.44	0.0	0	1.4	19 9	0 0	0.0	0 0	0.0	
VMP-52-30	5/20/2020	1248	0 00	-0.43	0.0	0	0 8	20.1	0 0	0.0	0 0	0.0	
VMP-52-30	6/18/2020	1001	-0.39	-0.43	0.0	0	1 5	19 5	0 0	0.0	0 0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-53-5	7/18/2019	0834	0 00	0 00	0.0	0	2 3	19 0	0 0	0.0	0 0	0.0	
VMP-53-5	8/21/2019	1258	0 00	0 00	0.0	0	2 2	18 8	0 0	0.0	0 0	0.0	
VMP-53-5-Dup	8/21/2019	1258	NM	NM	0.0	0	2 2	18 8	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-53-5	9/16/2019	1336	0 00	0 00	0.0	0	1 9	19.4	0 0	0.0	0 0	0.0	
VMP-53-5	10/17/2019	0935	0 00	0 00	0.0	0	1.1	20 2	0 0	0.0	0 0	0.0	
VMP-53-5	11/20/2019	1344	0 00	0 00	0.0	0	0 5	20 5	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-53-5	12/12/2019	0940	0 00	0 00	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	
VMP-53-5	1/20/2020	1350	0 00	0 00	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-53-5	2/19/2020	1400	0 00	0 00	0.0	0	0 3	20 5	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-53-5	3/11/2020	1044	0 00	0 00	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-53-5	4/21/2020	1430	0 00	0 00	0.0	0	0 6	20.4	0 0	0.0	0 0	0.0	
VMP-53-5	5/20/2020	1035	0 00	0 00	0.0	0	1 2	19 6	0 0	0.0	0 0	0.0	
VMP-53-5	6/18/2020	0856	0 00	0 00	0.0	0	1 5	19 9	0 0	0.0	0 0	0.0	
VMP-53-10	7/18/2019	0835	0 00	0 00	0.0	0	1 9	19 2	0 0	0.0	0 0	0.0	
VMP-53-10	8/21/2019	1259	0 00	0 00	0.0	0	1 9	18 9	0 0	0.0	0 0	0.0	
VMP-53-10	9/16/2019	1338	0 00	0 00	0.0	0	1 6	19 5	0 0	0.0	0 0	0.0	
VMP-53-10	10/17/2019	0936	0 00	0 00	0.0	0	1.1	20.1	0 0	0.0	0 0	0.0	
VMP-53-10	11/20/2019	1346	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-53-10	11/21/2019	1108	-0.20	NM	0.0	0	0 5	20 5	0 0	0.0	0 0	0.0	Re-sample. Re-sampled because ambient air was inadvertently introduced into initial sample.
VMP-53-10	12/12/2019	0941	-0.41	0 00	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	
VMP-53-10-Dup	12/12/2019	0941	NM	NM	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-53-10	1/20/2020	1351	0 00	0 00	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-53-10	2/19/2020	1401	0 00	0 00	0.0	0	0.4	20 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-53-10	3/11/2020	1045	0 00	0 00	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-53-10	4/21/2020	1431	0 00	0 00	0.0	0	0.4	20 5	0 0	0.0	0 0	0.0	
VMP-53-10	5/20/2020	1036	0 00	0 00	0.0	0	0 8	19 9	0 0	0.0	0 0	0.0	
VMP-53-10	6/18/2020	0858	0 00	0 00	0.0	0	1 5	19 9	0 0	0.0	0 0	0.0	
VMP-53-20	7/18/2019	0836	-0.23	-0.27	0.0	0	2 0	18 9	0 0	0.0	0 0	0.0	
VMP-53-20	8/21/2019	1300	-0.20	-0.21	0.0	0	2.1	18 6	0 0	0.0	0 0	0.0	
VMP-53-20	9/16/2019	1340	0 00	-0.17	0.0	0	2.1	18 6	0 2	0.0	0 0	0.0	
VMP-53-20	10/17/2019	0937	-0.25	-0.20	0.0	0	2 0	19.4	0 0	0.0	0 0	0.0	
VMP-53-20	11/20/2019	1348	0 00	0 00	0.0	0	1 8	19.4	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-53-20	12/12/2019	0943	-0.22	0 00	0.0	0	1.1	20 2	0 0	0.0	0 0	0.0	
VMP-53-20	1/20/2020	1352	0 00	0 00	0.0	0	1 2	20 0	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-53-20	2/19/2020	1402	0 00	0 00	0.0	0	1 6	19.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-53-20	3/11/2020	1046	0 00	0 00	0.0	0	1.4	20 0	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-53-20	4/21/2020	1432	-0.31	0 00	0.0	0	0.7	20 2	0 0	0.0	0 0	0.0	
VMP-53-20	5/20/2020	1037	-0.37	-0.40	0.0	0	1 0	19.7	0 0	0.0	0 0	0.0	
VMP-53-20	6/18/2020	0900	-0.19	-0.30	0.0	0	1 6	19 5	0 0	0.0	0 0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-53-30	7/18/2019	0837	-0.25	-0.29	0.0	0	2 2	17 9	0 0	0.0	0 0	0.0	
VMP-53-30	8/21/2019	1301	-0.23	-0.25	0.0	0	2.7	17 6	0 0	0.0	0 0	0.0	
VMP-53-30	9/16/2019	1342	0 00	-0.18	0.0	0	2 8	17 6	0.1	0.0	0 0	0.0	
VMP-53-30	10/17/2019	0938	-0.29	-0.21	0.0	0	3 3	17 8	0 0	0.0	0 0	0.0	
VMP-53-30	11/20/2019	1350	0 00	0 00	0.0	0	3 2	18.4	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-53-30	12/12/2019	0944	-0.23	0 00	0.0	0	3 3	18 6	0 0	0.0	0 0	0.0	
VMP-53-30	1/20/2020	1353	0.11	0 00	0.0	0	2 8	19 0	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-53-30	2/19/2020	1403	0.15	0 00	0.0	0	2.4	19.1	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-53-30	3/11/2020	1047	0 00	0 00	0.0	0	2 6	18 9	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-53-30	4/21/2020	1433	-0.31	-0.27	0.0	0	2 2	19 0	0 0	0.0	0 0	0.0	
VMP-53-30	5/20/2020	1038	-0.40	-0.65	0.0	0	2.1	18 6	0 0	0.0	0 0	0.0	
VMP-53-30	6/18/2020	0902	-0.21	-0.24	0.0	0	2 0	18 6	0 0	0.0	0 0	0.0	
VMP-54-5	7/17/2019	1436	0 00	0 00	0.0	0	3 6	16 8	0 0	0.0	0 0	0.0	
VMP-54-5	8/21/2019	1234	0 00	0 00	0.0	0	4.1	16 0	0 0	0.0	0 0	0.0	
VMP-54-5	9/16/2019	1314	0 00	0 00	0.0	0	4.1	16 2	0.1	0.0	0 0	0.0	
VMP-54-5	10/17/2019	1254	0 00	0 00	0.0	0	3.4	17.4	0 0	0.0	0 0	0.0	
VMP-54-5	11/20/2019	1325	0 00	0 00	0.0	0	2.4	18 3	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-54-5	12/12/2019	0956	0 00	0 00	0.0	0	2.1	18 8	0 0	0.0	0 0	0.0	
VMP-54-5	1/20/2020	1405	0 00	0 00	0.0	0	0 8	20 0	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-54-5	2/19/2020	1340	0 00	0 00	0.0	0	1 3	19 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-54-5	3/11/2020	1056	0 00	0 00	0.0	0	1 6	19 0	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-54-5	4/21/2020	1419	0 00	0 00	0.0	0	2 0	18 6	0 0	0.0	0 0	0.0	
VMP-54-5	5/20/2020	1050	0 00	0 00	0.0	0	2 6	17 5	0 0	0.0	0 0	0.0	
VMP-54-5	6/18/2020	0910	0 00	0 00	0.0	0	3 6	17.4	0 0	0.0	0 0	0.0	
VMP-54-10	7/17/2019	1437	0 00	0 00	0.0	0	2.7	17.4	0 0	0.0	0 0	0.0	
VMP-54-10	8/21/2019	1235	0 00	0 00	0.0	0	3.1	17 0	0 0	0.0	0 0	0.0	
VMP-54-10	9/16/2019	1316	0 00	0 00	0.0	0	2 9	17 2	0 0	0.0	0 0	0.0	
VMP-54-10	10/17/2019	0925	0 00	0 00	0.0	0	3 5	17 0	0.1	0.0	0 0	0.0	
VMP-54-10	11/20/2019	1327	0 00	0 00	0.0	0	2 8	17.7	0.1	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-54-10	12/12/2019	0957	0 00	0 00	0.0	0	2 8	17.7	0 0	0.0	0 0	0.0	
VMP-54-10	1/20/2020	1406	0 00	0 00	0.0	0	2.7	17 0	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-54-10	2/19/2020	1341	0 00	0 00	0.0	0	2.1	18 3	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-54-10-Dup	2/19/2020	1341	NM	NM	0.0	0	2.1	18 3	0 0	0.0	0 0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-54-10	3/11/2020	1057	0 00	0 00	0.0	0	2.1	18 3	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-54-10	4/21/2020	1420	0 00	0 00	0.0	0	2.1	18 2	0 0	0.0	0 0	0.0	
VMP-54-10-Dup	4/21/2020	1420	NM	NM	0.0	0	2.1	18 3	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-54-10	5/20/2020	1051	0 00	0 00	0.0	0	2 2	17 9	0 0	0.0	0 0	0.0	
VMP-54-10	6/18/2020	0912	0 00	0 00	0.0	0	2 6	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-54-20	7/17/2019	1438	0 00	0 00	0.0	0	2 2	17 5	0 0	0.0	0 0	0.0	
VMP-54-20	8/21/2019	1236	0 00	0 00	0.0	0	2 5	17 3	0 0	0.0	0 0	0.0	
VMP-54-20	9/16/2019	1318	0 00	0 00	0.0	0	2 5	17 0	0 0	0.0	0 0	0.0	
VMP-54-20	10/17/2019	0926	0 00	0 00	0.0	0	3.1	16 8	0 0	0.0	0 0	0.0	
VMP-54-20	11/20/2019	1329	0 00	0 00	0.0	0	3 2	16 6	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-54-20	12/12/2019	0958	0 00	0 00	0.0	0	3.1	16 8	0 0	0.0	0 0	0.0	
VMP-54-20	1/20/2020	1407	0 00	0 00	0.0	0	2.4	18 2	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-54-20	2/19/2020	1342	-0.16	0 00	0.0	0	2 5	17 2	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-54-20	3/11/2020	1058	0 00	0 00	0.0	0	2 6	17 3	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-54-20	4/21/2020	1421	0 00	0 00	0.0	0	2 3	17.4	0 0	0.0	0 0	0.0	
VMP-54-20	5/20/2020	1052	0 00	0 00	0.0	0	2.1	17 5	0 0	0.0	0 0	0.0	
VMP-54-20	6/18/2020	0914	0.10	0 00	0.0	0	2 2	17 5	0 0	0.0	0 0	0.0	
VMP-54-30	7/17/2019	1439	0 00	0 00	0.0	0	3 5	16 9	0 0	0.0	0 0	0.0	
VMP-54-30	8/21/2019	1237	0 00	0 00	0.0	0	3 9	16 5	0 0	0.0	0 0	0.0	
VMP-54-30	9/16/2019	1320	0 00	0 00	0.0	0	3 9	16 9	0 0	0.0	0 0	0.0	
VMP-54-30	10/17/2019	0927	0 00	0 00	0.0	0	2 3	18 9	0 0	0.0	0 0	0.0	
VMP-54-30	11/20/2019	1331	0 00	0 00	0.0	0	1 0	19 6	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-54-30	12/12/2019	0959	0 00	0 00	0.0	0	1 0	19 8	0 0	0.0	0 0	0.0	
VMP-54-30	1/20/2020	1408	0 00	0 00	0.0	0	0 5	19 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-54-30-Dup	1/20/2020	1408	NM	NM	0.0	0	0 5	20 0	0 0	0.0	0 0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-54-30	2/19/2020	1343	0 00	0 00	0.0	0	0 2	20.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-54-30	3/11/2020	1059	0 00	0 00	0.0	0	0 5	19 5	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-54-30	4/21/2020	1422	0 00	0 00	0.0	0	1.1	19.7	0 0	0.0	0 0	0.0	
VMP-54-30	5/20/2020	1053	0 00	0 00	0.0	0	1 9	18 2	0 0	0.0	0 0	0.0	
VMP-54-30	6/18/2020	0916	0 00	0 00	0.0	0	3.7	17 6	0 0	0.0	0 0	0.0	
VMP-55-5	7/17/2019	1416	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	8/21/2019	0809	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	9/16/2019	1032	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	10/16/2019	1400	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	11/20/2019	1042	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	12/11/2019	1101	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	1/20/2020	0945	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	2/19/2020	1125	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	3/11/2020	1310	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	4/22/2020	0840	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	5/20/2020	0900	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	6/17/2020	0849	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-55-10	7/17/2019	1417	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	8/21/2019	0810	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	9/16/2019	1033	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	10/16/2019	1401	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	11/20/2019	1043	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	12/11/2019	1102	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	1/20/2020	0946	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	2/19/2020	1126	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	3/11/2020	1311	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	4/22/2020	0841	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	5/20/2020	0901	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	6/17/2020	0851	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-20	7/17/2019	1418	0.12	0 00	1.8	36	18.4	2.5	63.6	17550	15610	1940	
VMP-55-20	8/21/2019	0811	0 00	0 00	0.0	1	21.3	0.5	11.6	597	517	80 0	
VMP-55-20-Dup	8/21/2019	0811	NM	NM	0.1	2	23.9	0.9	11.6	629	525	104	Duplicate sample.
VMP-55-20	9/16/2019	1034	-0.19	-0.21	0.0	0	19.6	1.9	7 8	155	107	48 0	
VMP-55-20	10/17/2019	0830	-0.49	-0.25	0.0	0	17.8	4.9	0 6	4.0	3 0	1.0	
VMP-55-20	11/20/2019	1044	-9.87	-0.10	0.0	0	25.5	2.0	5 5	15 0	2 0	13 0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-55-20	12/11/2019	1103	-8.43	-0.34	0.0	0	24.2	0.6	4 8	176	139	37 0	
VMP-55-20	1/20/2020	0947	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-20	2/19/2020	1127	-1.54	-0.52	7.5	OVR	19.3	0.9	125	87120	79420	7700	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-55-20-Dup	2/19/2020	1127	NM	NM	11.6	OVR	17.1	1.0	125	111000	101000	10000	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-55-20	3/11/2020	1312	0.73	0 64	4.4	88	18.8	0.9	49.5	46240	41010	5230	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-55-20	4/22/2020	0842	-3.18	-0.19	0.3	6	17.7	3.3	52.1	1670	1380	290	
VMP-55-20	5/20/2020	0902	-0.97	0 00	0.0	0	21.3	1.3	5 9	427	383	44 0	
VMP-55-20	6/17/2020	0853	-1.52	0 00	0.0	0	18.2	3.8	1.1	32 0	28.0	4.0	
VMP-55-30	7/17/2019	1418	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	8/21/2019	0812	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	9/16/2019	1035	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	10/16/2019	1403	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	11/20/2019	1045	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	12/11/2019	1104	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	1/20/2020	0948	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	2/19/2020	1128	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	3/11/2020	1313	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	4/22/2020	0843	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	5/20/2020	0903	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	6/17/2020	0855	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-56-10	7/18/2019	0932	-2.20	-2.21	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	
VMP-56-10	8/22/2019	0845	-2.81	-2.82	0.0	0	0 9	20.1	0 0	0.0	0 0	0.0	
VMP-56-10	9/17/2019	1000	-2.60	-2.62	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	
VMP-56-10	10/17/2019	1203	-1.50	-1.54	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-56-10	11/21/2019	1022	-1.73	-1.73	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-56-10	12/12/2019	1027	-1.83	-1.62	0.0	0	0.1	20 9	0 0	0.0	0 0	0.0	
VMP-56-10	1/21/2020	1030	0 00	0 00	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-56-10	2/20/2020	1255	0 00	0.13	0.0	0	1 0	19.7	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-56-10	3/12/2020	949	0.19	0 00	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-56-10-Dup	3/12/2020	949	NM	NM	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	Duplicate sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-56-10	4/21/2020	1009	-2.30	-0.55	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-56-10	5/21/2020	1025	-2.27	-2.24	0.0	0	0 5	20.4	0 2	0.0	0 0	0.0	
VMP-56-10	6/18/2020	1100	-1.45	-1.87	0.0	0	0 5	20 6	0 0	0.0	0 0	0.0	
VMP-56-25	7/18/2019	0934	-4.94	-4.88	0.0	0	1 2	19 9	0.1	0.0	0 0	0.0	
VMP-56-25	8/22/2019	0846	-5.61	-5.54	0.0	0	1 9	19.4	0 0	0.0	0 0	0.0	
VMP-56-25	9/17/2019	1002	-5.69	-5.66	0.0	0	1.4	19 9	0 0	0.0	0 0	0.0	
VMP-56-25	10/17/2019	1204	-2.71	-3.53	0.0	0	1.1	20 0	0 0	0.0	0 0	0.0	
VMP-56-25	11/21/2019	1024	-3.59	-3.73	0.0	0	0 5	20.4	0 0	0.0	0 0	0.0	
VMP-56-25	12/12/2019	1028	-3.53	-3.03	0.0	0	0 5	20 5	0 0	0.0	0 0	0.0	
VMP-56-25	1/21/2020	1031	0 00	0 00	0.0	0	0.7	20.4	0 5	1.6	0 0	1.6	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-56-25	2/20/2020	1256	0.12	0.12	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-56-25	3/12/2020	950	0 35	0 20	0.0	0	0 8	20 2	0.4	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-56-25	4/21/2020	1010	-4.45	-1.09	0.0	0	0 6	20.4	0 0	0.0	0 0	0.0	
VMP-56-25	5/21/2020	1026	-4.06	-4.00	0.0	0	0.7	20.1	0 3	0.0	0 0	0.0	
VMP-56-25	6/18/2020	1101	-3.89	-3.95	0.0	0	0 2	19 8	2 0	3.9	0 0	3.9	
VMP-56-38 5	7/18/2019	0936	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38 5	8/22/2019	0847	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38 5	9/17/2019	1004	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38 5	10/17/2019	1205	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38 5	11/21/2019	1026	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38 5	12/12/2019	1029	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38 5	1/21/2020	1032	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38 5	2/20/2020	1257	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38 5	3/12/2020	951	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38 5	4/21/2020	1011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38 5	5/21/2020	1027	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38 5	6/18/2020	1102	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-57-5A	7/17/2019	1244	-0.92	-0.15	0.0	0	0 6	20 3	0 0	0.0	0 0	0.0	
VMP-57-5A	8/21/2019	1221	-0.86	-0.31	0.0	0	0 9	20 0	0 0	0.0	0 0	0.0	
VMP-57-5A	9/16/2019	1356	-0.60	-0.63	0.0	0	0 6	20 6	0.1	0.0	0 0	0.0	
VMP-57-5A	10/16/2019	1345	-0.18	-0.32	0.0	0	0 3	20 6	0.1	0.0	0 0	0.0	
VMP-57-5A	11/20/2019	1365	0 00	0 00	0.0	0	0.1	20 8	0.1	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-57-5A	12/11/2019	1310	-0.28	-0.28	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-57-5A	1/21/2020	0824	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-57-5A	2/19/2020	1437	0 00	0.10	0.0	0	0 3	20.1	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-57-5A-Dup	2/19/2020	1437	NM	NM	0.0	0	0 3	19 9	0 0	0.0	0 0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-57-5A	3/11/2020	1307	0 00	0 00	0.0	0	0 2	20 8	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-57-5A	4/20/2020	1300	-0.30	-0.27	0.0	0	0.1	20 8	0.1	0.0	0 0	0.0	
VMP-57-5A	5/20/2020	1251	0 00	-0.32	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	
VMP-57-5A	6/17/2020	1210	-0.71	-0.15	0.0	0	0 5	20 3	0 3	0.0	0 0	0.0	
VMP-57-10	7/17/2019	1246	0 00	-0.12	0.0	0	0 2	20 6	0 0	0.0	0 0	0.0	
VMP-57-10	8/21/2019	1222	-0.55	0 00	0.0	0	0.1	20 6	0 0	0.0	0 0	0.0	
VMP-57-10	9/16/2019	1357	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-10	10/16/2019	1346	-1.99	-1.67	0.0	0	0 6	20.4	0.1	0.0	0 0	0.0	
VMP-57-10	11/20/2019	1357	-1.36	0 00	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-57-10	12/11/2019	1311	-0.32	5 58	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-57-10	1/21/2020	0825	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-57-10	2/19/2020	1438	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-10	3/11/2020	1308	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-10	4/20/2020	1301	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-10	5/20/2020	1250	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-10	6/17/2020	1211	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-20	7/17/2019	1248	-2.08	-0.29	0.0	0	0 5	20 3	0.1	0.0	0 0	0.0	
VMP-57-20	8/21/2019	1223	-1.45	-0.41	0.0	0	0.7	20 2	0 0	0.0	0 0	0.0	
VMP-57-20	9/16/2019	1358	-0.78	-0.34	0.0	0	0 8	20.4	0 2	0.0	0 0	0.0	
VMP-57-20	10/16/2019	1347	-0.44	-0.43	0.0	0	0.4	20 5	0 0	0.0	0 0	0.0	
VMP-57-20	11/20/2019	1358	-0.79	0 00	0.0	0	0 2	20.7	0.1	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-57-20	12/11/2019	1312	-0.37	-0.36	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-57-20-Dup	12/11/2019	1312	NM	NM	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-57-20	1/21/2020	0826	-1.60	-0.13	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-57-20	2/19/2020	1439	0 20	0.12	0.0	0	0 5	19 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-57-20	3/11/2020	1309	0 00	0 00	0.0	0	0 5	20.4	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-57-20	4/20/2020	1302	-0.44	-0.36	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-57-20	5/20/2020	1252	-1.62	-0.42	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-57-20	6/17/2020	1212	-1.13	-0.35	0.0	0	0 6	20 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-58-5	7/17/2019	1254	-2.67	-2.55	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-58-5	8/21/2019	1233	-2.83	-2.74	0.0	0	0.1	20 6	0 0	0.0	0 0	0.0	
VMP-58-5-Dup	8/21/2019	1233	NM	NM	0.0	0	0.1	20 6	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-58-5	9/16/2019	1333	-2.61	-2.58	0.0	0	0.1	20 9	0 2	0.0	0 0	0.0	
VMP-58-5	10/16/2019	1329	-2.73	-2.69	0.0	0	0 0	20 9	0.4	0.6	0 0	0.6	
VMP-58-5	11/20/2019	1409	0 21	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-58-5	12/11/2019	1252	-2.51	-2.45	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-58-5	1/21/2020	0819	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-58-5	2/19/2020	1421	0 36	0 22	0.0	0	0.1	20 0	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-58-5	3/11/2020	1254	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-58-5	4/20/2020	1307	-2.68	-2.64	0.0	0	0 0	20 9	0 2	0.0	0 0	0.0	
VMP-58-5	5/20/2020	1237	-3.36	-3.20	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-58-5	6/17/2020	1225	-2.44	-2.39	0.0	0	0.1	20.7	0 5	0.0	0 0	0.0	
VMP-58-10	7/17/2019	1256	-3.46	-3.34	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-58-10	8/21/2019	1234	-4.26	-3.48	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-58-10	9/16/2019	1334	-3.87	-3.40	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-58-10	10/16/2019	1330	-3.66	-3.58	0.0	0	0 0	20 9	0 3	0.0	0 0	0.0	
VMP-58-10	11/20/2019	1410	0 24	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-58-10	12/11/2019	1253	-3.24	-3.10	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-58-10	1/21/2020	0820	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-58-10	2/19/2020	1422	0.41	0.15	0.0	0	0.1	19.1	0 2	3.4	3.4	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-58-10	3/11/2020	1255	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-58-10	4/20/2020	1308	-3.40	-3.30	0.0	0	0 0	20 9	0 2	0.0	0 0	0.0	
VMP-58-10	5/20/2020	1238	-4.16	-4.01	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-58-10-Dup	5/20/2020	1238	NM	NM	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-58-10	6/17/2020	1226	-4.22	-3.10	0.0	0	0 0	20 9	0 0	0.7	0 0	0.7	
VMP-58-20	7/17/2019	1258	-5.07	-0.28	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-58-20	8/21/2019	1235	-1.83	-0.38	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-58-20	9/16/2019	1335	-2.53	-0.26	0.0	0	0 0	20 9	0 2	0.0	0 0	0.0	
VMP-58-20	10/16/2019	1331	-3.11	-0.42	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-58-20	11/20/2019	1141	-2.60	-0.84	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-58-20	12/11/2019	1254	-1.29	-0.34	0.0	0	0 0	20 9	0.4	0.9	0 2	0.7	
VMP-58-20	1/21/2020	0821	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-58-20	2/19/2020	1423	0 00	0 00	0.0	0	0 3	20.4	0.1	3.1	3.1	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-58-20	3/11/2020	1256	-1.17	0 00	0.0	0	0.1	20 8	0 2	0.6	0 5	0.1	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-58-20	4/20/2020	1309	-3.80	-0.33	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-58-20	5/20/2020	1239	-2.46	-0.43	0.0	0	0 0	20 9	0 2	0.0	0 0	0.0	
VMP-58-20	6/17/2020	1227	-5.66	-2.35	0.0	0	0 3	20.4	0 9	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-58-30	7/17/2019	1323	-8.23	-8.11	81.5	OVR	5 2	9.9	1082	36820	13970	22850	
VMP-58-30	8/21/2019	1236	-9.26	-8.49	OVR	OVR	12.3	1.1	1015	65470	24480	40990	
VMP-58-30	9/16/2019	1336	-8.03	-8.57	OVR	OVR	12.6	1.3	1147	127000	46880	80120	
VMP-58-30	10/16/2019	1332	-8.68	-9.08	OVR	OVR	13.1	0.7	1544	87350	32850	54500	
VMP-58-30	11/20/2019	1412	0 53	0 00	1.8	35	12.8	0.5	475	1950	239	1711	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-58-30	12/11/2019	1255	-8.17	-7.54	20.5	OVR	10.9	3.5	1038	14930	5690	9240	
VMP-58-30	1/21/2020	0822	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-58-30	2/19/2020	1426	0.40	0 23	0.0	0	6.4	13.1	1 5	3.9	2.7	1.2	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-58-30	3/11/2020	1257	0 00	0 00	0.0	0	11.3	1.6	19.1	43 0	2 0	41 0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-58-30	4/20/2020	1310	-8.28	-8.06	27.1	OVR	4 6	12.7	1137	21140	10740	10400	
VMP-58-30	5/20/2020	1240	-13 68	-9.06	86.1	OVR	12.9	0.7	1591	40490	16980	23510	
VMP-58-30	6/17/2020	1228	-9.49	-7.96	OVR	OVR	10.9	2.7	1637	45910	16640	29270	
VMP-59-5	7/17/2019	1304	-1.15	-1.09	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-59-5	8/21/2019	1247	-1.31	-1.24	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-59-5	9/16/2019	1313	-1.15	-1.10	0.0	0	0 2	20 8	0.1	0.0	0 0	0.0	
VMP-59-5	10/16/2019	1310	-1.20	-1.16	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-59-5-Dup	10/16/2019	1310	NM	NM	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-59-5	11/20/2019	1427	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-59-5	12/11/2019	1238	-2.35	-1.13	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-59-5	1/21/2020	0810	-0.45	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-59-5	2/19/2020	1405	0 00	0.13	0.0	0	0.1	20.4	0 0	7.4	7.4	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-59-5	3/11/2020	1240	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-59-5	4/20/2020	1320	-1.23	-1.20	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-59-5	5/20/2020	1227	3 90	-1.65	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-59-5	6/17/2020	1240	-1.05	-1.02	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-59-10	7/17/2019	1306	-1.20	-1.20	0.0	0	0 3	20 6	0.1	0.0	0 0	0.0	
VMP-59-10	8/21/2019	1248	-2.71	-1.38	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-59-10	9/16/2019	1314	-1.28	-1.23	0.0	0	0 0	20 9	1.1	2.1	0 0	2.1	
VMP-59-10	10/16/2019	1311	-1.32	-1.31	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-59-10	11/20/2019	1428	1.40	0 00	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-59-10	12/11/2019	1239	-1.16	-1.24	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-59-10	1/21/2020	0811	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-59-10	2/19/2020	1406	0 00	0.14	0.0	0	0.1	20.4	0 0	2.6	2 6	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-59-10	3/11/2020	1241	-0.46	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-59-10	4/20/2020	1321	-1.26	-1.30	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-59-10	5/20/2020	1228	1.75	-1.65	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-59-10	6/17/2020	1241	-1.18	-1.15	0.0	0	0 0	20 9	0 0	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-59-20	7/17/2019	1308	-4.85	-4.80	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-59-20	8/21/2019	1249	-5.54	-5.25	0.0	0	0 3	20.4	0 0	0.0	0 0	0.0	
VMP-59-20	9/16/2019	1315	-5.33	-5.25	0.0	0	0 3	20 8	0 0	0.0	0 0	0.0	
VMP-59-20	10/16/2019	1312	-5.73	-5.63	0.0	0	0 3	20.7	0 0	0.0	0 0	0.0	
VMP-59-20	11/20/2019	1429	0.15	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-59-20	12/11/2019	1240	-5.18	-5.25	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-59-20	1/21/2020	0812	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-59-20	2/19/2020	1407	0 31	0 23	0.0	0	0.1	19 9	0.1	6.2	5.7	0.5	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-59-20	3/11/2020	1242	0.14	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-59-20	4/20/2020	1322	-5.19	-5.14	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-59-20	5/20/2020	1229	-6.04	-5.85	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-59-20	6/17/2020	1242	-4.91	-4.87	0.0	0	0 2	20 5	0 0	0.0	0 0	0.0	
VMP-59-30	7/17/2019	1310	-5.79	-5.21	0.0	0	1 9	18 2	0.1	0.0	0 0	0.0	
VMP-59-30	8/21/2019	1250	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-59-30	9/16/2019	1316	-6.20	-6.01	0.0	0	1 6	19 3	0.1	0.0	0 0	0.0	
VMP-59-30	10/16/2019	1313	-6.30	-6.08	0.0	0	1 6	19 6	0 0	0.0	0 0	0.0	
VMP-59-30	11/20/2019	1430	0 00	0 00	0.0	0	1.4	19.4	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-59-30	12/11/2019	1241	-4.82	-4.34	0.0	0	1 0	19 9	0 0	0.0	0 0	0.0	
VMP-59-30	1/21/2020	0814	0 00	0 00	0.0	0	0 9	20 2	0 0	1.1	1.1	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-59-30-Dup	1/21/2020	0814	NM	NM	0.0	0	0 8	20 3	0 0	1.3	1 3	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-59-30	2/19/2020	1406	0 25	0.19	0.0	1	2 5	14 2	0.1	396	396	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-59-30	3/11/2020	1243	0 00	0 00	0.0	0	1 6	19.1	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-59-30	4/20/2020	1323	-4.37	-4.41	0.0	0	0 6	20 2	0 0	0.0	0 0	0.0	
VMP-59-30	5/20/2020	1230	-5.42	-5.69	0.0	0	0 9	20 0	0 0	0.0	0 0	0.0	
VMP-59-30	6/17/2020	1243	-4.25	-4.34	0.0	0	0 6	19 9	0 3	0.0	0 0	0.0	
VMP-60-5	7/17/2019	1104	-0.50	-0.15	0.0	0	1 0	19 8	0 2	0.0	0 0	0.0	
VMP-60-5	8/21/2019	1057	0 21	-0.65	0.0	0	1 2	19.7	0 0	0.0	0 0	0.0	
VMP-60-5	9/16/2019	1149	-0.76	-0.43	0.0	0	1.1	19 8	0 3	0.0	0 0	0.0	
VMP-60-5	10/16/2019	1140	-1.04	-0.48	0.0	0	0 5	20 5	0 0	0.0	0 0	0.0	
VMP-60-5	11/20/2019	1119	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-60-5	12/11/2019	1136	-0.50	-0.35	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-60-5	1/20/2020	1230	0 00	0 00	0.0	0	0 5	20.4	0 6	22.1	19.5	2.6	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-5	1/20/2020	1437	0 00	NM	0.0	0	0 5	20 6	0 2	8.5	7 3	1.2	Re-sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-5	2/19/2020	1258	0.15	0.11	0.0	0	0 2	19.7	0 3	2.3	0 9	1.4	SVE System was shutdown on 1/16/20 and was not restarted at the time of sampling.
VMP-60-5	3/11/2020	0910	0 00	0 00	11.8	OVR	1.1	17 6	445	21600	15375	6225	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-60-5	3/12/2020	1058	0 00	NM	0.0	0	0 5	20.1	4.7	95 8	76.2	19 6	Re-sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-60-5	4/20/2020	1100	-0.49	-0.58	0.0	0	0 2	20.7	0 2	0.0	0 0	0.0	
VMP-60-5	5/20/2020	1111	-0.81	-0.75	0.0	0	0 3	20 5	0.1	0.0	0 0	0.0	
VMP-60-5	6/17/2020	1025	-0.26	-0.39	0.0	0	0 6	20 6	0 2	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-60-10	7/17/2019	1106	-0.38	-0.36	0.0	0	1 0	19 9	0 2	0.0	0 0	0.0	
VMP-60-10	8/21/2019	1058	-0.43	0 00	0.0	0	1 0	19 9	0.1	0.0	0 0	0.0	
VMP-60-10	9/16/2019	1150	-0.34	-0.31	0.0	0	0 8	20.1	0.1	0.0	0 0	0.0	
VMP-60-10	10/16/2019	1141	-0.49	-0.39	0.0	0	0 5	20 5	0 0	0.0	0 0	0.0	
VMP-60-10	11/20/2019	1120	0 00	0 00	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-60-10	12/11/2019	1137	-0.41	-0.35	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-60-10	1/20/2020	1231	0 00	0 00	0.0	0	0 5	20 2	2.1	83 6	78.3	5.3	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-10	1/20/2020	1438	0 00	NM	0.0	1	0 5	20.4	1.7	56.4	51.2	5.2	Re-sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-10	2/19/2020	1259	0 00	0.11	0.0	0	0 2	19.7	0 2	0.6	0 0	0.6	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-10	3/11/2020	0911	0 00	0 00	5.8	OVR	0 5	18 9	339	12500	7879	4621	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-60-10	3/12/2020	1059	0 00	NM	0.0	1	0.7	19 8	10.2	257	112	145	Re-sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-60-10	4/20/2020	1101	-0.37	-0.98	0.0	0	0 2	20.7	0 2	0.0	0 0	0.0	
VMP-60-10	5/20/2020	1112	-0.68	-0.62	0.0	0	0 3	20 5	0 0	0.0	0 0	0.0	
VMP-60-10	6/17/2020	1026	-0.24	-0.80	0.0	0	0 6	20 0	0 2	0.0	0 0	0.0	
VMP-60-20	7/17/2019	1108	-0.92	-0.94	0.0	0	1 0	19 9	0 2	0.0	0 0	0.0	
VMP-60-20	8/21/2019	1059	-0.96	-1.03	0.0	0	1 2	19 8	0 0	0.0	0 0	0.0	
VMP-60-20	9/16/2019	1151	-0.69	-0.68	0.0	0	1 0	19 9	0.1	0.0	0 0	0.0	
VMP-60-20	10/16/2019	1142	-0.79	-0.88	0.0	0	0.7	20 3	0 0	0.0	0 0	0.0	
VMP-60-20	11/20/2019	1121	0 00	0 00	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-60-20-Dup	11/20/2019	1121	NM	NM	0.0	0	0 2	20 8	0 0	0.0	0 0	0.0	Duplicate sample. SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-60-20	12/11/2019	1138	-0.83	-0.76	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-60-20	1/20/2020	1232	0 09	0 00	0.0	0	0.4	20.4	0 2	4.6	3 9	0.7	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-20	1/20/2020	1439	0 00	NM	0.0	0	0.4	20 5	0 3	2.4	1 8	0.6	Re-sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-20	2/19/2020	1300	0.15	0.10	0.0	0	0 3	19.7	0.1	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-20	3/11/2020	0912	0 00	0 00	3.7	74	0 6	19.1	302	8124	5181	2943	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-60-20-Dup	3/11/2020	0912	NM	NM	3.6	73	0 6	19.1	302	8022	5061	2961	Duplicate sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-60-20	3/12/2020	1100	0 00	NM	0.0	0	0 6	20 0	3 9	50 5	33.7	16 8	Re-sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-60-20	4/20/2020	1102	-0.98	-0.96	0.0	0	0 3	20 6	0 3	0.0	0 0	0.0	
VMP-60-20	5/20/2020	1113	-0.82	-1.25	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	
VMP-60-20-Dup	5/20/2020	1113	NM	NM	0.0	0	0 3	20 5	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-60-20	6/17/2020	1029	-1.46	-0.80	0.0	0	0 6	19 9	0.4	0.0	0 0	0.0	

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Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-60-33 5	7/17/2019	1110	-0.56	-0.27	0.0	0	1 0	19 8	0 2	0.0	0 0	0.0	
VMP-60-33 5	8/21/2019	1100	-0.66	-0.75	0.0	0	0.7	20 2	0 0	0.0	0 0	0.0	
VMP-60-33 5	9/16/2019	1152	-0.48	-0.55	0.0	0	0 9	19 8	0 2	0.0	0 0	0.0	
VMP-60-33 5	10/16/2019	1143	-0.61	-0.50	0.0	0	0 5	20 5	0 0	0.0	0 0	0.0	
VMP-60-33 5	11/20/2019	1122	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-60-33 5	12/11/2019	1139	-0.42	-0.40	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-60-33 5	1/20/2020	1233	0.10	0 00	0.0	0	0 5	20 3	1 0	42.4	38.1	4.3	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-33 5	1/20/2020	1440	0 00	NM	0.0	0	0 5	20 5	1 0	31 5	26.8	4.7	Re-sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-33 5	2/19/2020	1301	0.16	0.13	0.0	0	0 2	19 6	0 5	1.3	0 2	1.1	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-33 5-Dup	2/19/2020	1301	NM	NM	0.0	0	0 2	19 5	0 5	1.4	0 2	1.2	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-33 5	3/11/2020	913	0 00	0 00	9.0	OVR	1 0	18.1	441	15200	10394	4806	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-60-33 5	3/12/2020	1101	0.12	NM	1.6	33	1.1	19 3	138	5886	4605	1281	Re-sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-60-33 5	4/20/2020	1103	-0.55	-0.57	0.0	0	0 2	20 6	0.1	0.0	0 0	0.0	
VMP-60-33 5	5/20/2020	1114	-0.82	-0.81	0.0	0	0 2	20 6	0 0	0.0	0 0	0.0	
VMP-60-33 5	6/17/2020	1028	-0.38	-0.38	0.0	0	0 6	19 9	1.1	0.0	0 0	0.0	
VMP-61-5	7/17/2019	1228	-0.20	-0.15	0.0	0	1 6	19 3	0 0	0.0	0 0	0.0	
VMP-61-5	8/21/2019	1210	-0.42	-0.30	0.0	0	1 9	19.1	0 0	0.0	0 0	0.0	
VMP-61-5	9/16/2019	1418	-0.14	-0.15	0.0	0	0.1	20 9	0 0	0.0	0 0	0.0	
VMP-61-5	10/16/2019	1400	-0.17	-0.17	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-61-5	11/20/2019	1314	0 21	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-61-5	12/11/2019	1324	-0.26	-0.21	0.0	0	0.4	20 5	0 0	0.0	0 0	0.0	
VMP-61-5	1/21/2020	0835	0 00	0 00	0.0	0	0 6	20.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-61-5	2/19/2020	1452	0.14	0.15	0.0	0	0 6	19.7	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-61-5	3/11/2020	1316	0 00	0 00	0.0	0	0.7	20.4	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-61-5	4/20/2020	1252	-0.29	-0.23	0.0	0	0 6	20.4	0 0	0.0	0 0	0.0	
VMP-61-5	5/20/2020	1300	-0.45	-0.48	0.0	0	0 8	20 3	0.1	0.0	0 0	0.0	
VMP-61-5	6/17/2020	1150	-1.20	-0.10	0.0	0	1 3	19.4	0 2	0.0	0 0	0.0	
VMP-61-10	7/18/2019	1230	-0.43	-0.35	0.0	0	0 8	19 9	0 0	0.0	0 0	0.0	
VMP-61-10	8/21/2019	1211	-0.95	-0.54	0.0	0	1.1	19 5	0 0	0.0	0 0	0.0	
VMP-61-10	9/16/2019	1419	-0.32	-0.31	0.0	0	1.1	19 8	0.1	0.0	0 0	0.0	
VMP-61-10	10/16/2019	1401	-0.41	-0.36	0.0	0	1 2	19 8	0 0	0.0	0 0	0.0	
VMP-61-10	11/20/2019	1315	0 33	0 00	0.0	0	0 8	20.1	0.1	0.0	0 0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-61-10-Dup	11/20/2019	1315	NM	NM	0.0	0	0.7	20 2	0.1	0.0	0 0	0.0	Duplicate sample. SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-61-10	12/11/2019	1325	-0.42	-0.40	0.0	0	0 5	20 3	0 0	0.0	0 0	0.0	
VMP-61-10	1/21/2020	0836	-1.69	-0.12	0.0	0	0 5	20.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-61-10	2/19/2020	1453	0.44	0 00	0.0	0	0 6	19 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-61-10	3/11/2020	1317	0 37	0 00	0.0	0	0 5	20 2	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-61-10	4/20/2020	1253	-0.45	-0.42	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	
VMP-61-10	5/20/2020	1301	-20 99	-0.77	0.0	0	0 5	20.4	0 2	0.0	0 0	0.0	
VMP-61-10	6/17/2020	1151	-2.10	-0.36	0.0	0	0 6	20.1	0 2	0.0	0 0	0.0	

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Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-61-20	7/17/2019	1232	-1.26	-0.13	0.0	0	1 6	19.1	0 0	0.0	0 0	0.0	
VMP-61-20	8/21/2019	1212	-0.41	-0.28	0.0	0	1.7	19 3	0 0	0.0	0 0	0.0	
VMP-61-20	9/16/2019	1420	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-61-20	10/16/2019	1402	-0.10	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-61-20	11/20/2019	1316	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water in tedlar. Sample not screened.
VMP-61-20	12/11/2019	1326	-0.24	-0.22	0.0	0	0 5	20 5	0 0	0.0	0 0	0.0	
VMP-61-20	1/21/2020	0837	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-61-20	2/19/2020	1454	-1.09	0 00	0.0	0	0 5	19 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-61-20	3/11/2020	1318	-1.50	0 00	0.0	0	0 6	20.4	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-61-20	4/20/2020	1254	-0.35	-0.27	0.0	0	0 6	20.4	0 0	0.0	0 0	0.0	
VMP-61-20	5/20/2020	1302	-0.55	-0.53	0.0	0	0 8	20 3	0 0	0.0	0 0	0.0	
VMP-61-20	6/17/2020	1153	-0.21	-0.13	0.0	0	1 2	19.4	0 2	0.0	0 0	0.0	
VMP-61-20-Dup	6/17/2020	1153	NM	NM	0.0	0	1 2	19 5	0 2	0.0	0 0	0.0	Duplicate sample.
VMP-61-30	7/17/2019	1233	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	8/21/2019	1213	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	9/16/2019	1421	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	10/16/2019	1403	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	11/20/2019	1317	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	12/11/2019	1327	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	1/21/2020	0838	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	2/19/2020	1455	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	3/11/2020	1319	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	4/20/2020	1255	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	5/20/2020	1303	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	6/17/2020	1154	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-62-5	7/17/2019	1428	0 00	0 00	0.0	0	4.1	16 6	0 2	0.0	0 0	0.0	
VMP-62-5	8/22/2019	0828	0 00	0 00	0.0	0	4 2	17 0	0 0	0.0	0 0	0.0	
VMP-62-5	9/17/2019	0822	0 00	0 00	0.0	0	3 9	17 5	0 0	0.0	0 0	0.0	
VMP-62-5	10/17/2019	0912	0 00	-0.09	0.0	0	2 3	19 3	0 0	0.0	0 0	0.0	
VMP-62-5	11/21/2019	0910	0 00	0 00	0.0	0	1 3	19 5	0 0	0.0	0 0	0.0	
VMP-62-5	12/11/2019	1418	0 00	0 00	0.0	0	1 0	20 3	0 0	0.0	0 0	0.0	
VMP-62-5	1/21/2020	1005	0 00	0 00	0.0	0	0 8	20 0	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-62-5	2/20/2020	1017	0 00	0 00	0.0	0	0 8	20.1	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-62-5	3/11/2020	1358	0 00	0 00	0.0	0	0 9	20.1	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-62-5	4/20/2020	1414	-1.30	0 00	0.0	0	1.1	19.7	0 0	0.0	0 0	0.0	
VMP-62-5	5/21/2020	0822	0 00	0 00	0.0	0	1 8	19 0	0 0	0.0	0 0	0.0	
VMP-62-5	6/18/2020	0810	-0.15	0 00	0.0	0	3 5	17 8	0.1	0.0	0 0	0.0	

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Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-62-10	7/17/2019	1430	-0.09	-0.10	0.0	0	3 8	17 2	0.1	0.0	0 0	0.0	
VMP-62-10	8/22/2019	0830	-0.11	-0.09	0.0	0	3 9	17.4	0 0	0.0	0 0	0.0	
VMP-62-10	9/17/2019	0823	-0.12	0 00	0.0	0	3 6	17 9	0 0	0.0	0 0	0.0	
VMP-62-10	10/17/2019	0913	-0.40	-0.12	0.0	0	2.7	19 0	0 0	0.0	0 0	0.0	
VMP-62-10	11/21/2019	0911	0 00	0 00	0.0	0	1 9	19 2	0 0	0.0	0 0	0.0	
VMP-62-10	12/11/2019	1419	-0.16	-0.15	0.0	0	1 5	19 8	0 0	0.0	0 0	0.0	
VMP-62-10	1/21/2020	1006	-0.34	-0.13	0.0	0	1 3	19 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-62-10	2/20/2020	1018	0 00	0 00	0.0	0	1 3	19 5	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-62-10	3/11/2020	1359	0 00	0 00	0.0	0	1.4	19.7	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-62-10	4/20/2020	1415	-0.09	0 00	0.0	0	1 3	19 5	0 0	0.8	0 8	0.0	
VMP-62-10	5/21/2020	0823	-0.14	-0.16	0.0	0	2 0	18.7	0 2	0.7	0.7	0.0	
VMP-62-10	6/18/2020	0811	-0.25	-0.14	0.0	0	3.1	17 9	0.1	0.0	0 0	0.0	
VMP-62-20	7/17/2019	1432	-1.32	-1.26	0.0	0	3 0	17 9	0.1	0.0	0 0	0.0	
VMP-62-20	8/22/2019	0832	-1.65	-1.56	0.0	0	3.1	18 2	0 0	0.0	0 0	0.0	
VMP-62-20	9/17/2019	0824	-1.61	-1.49	0.0	0	3.1	18 2	0 0	0.0	0 0	0.0	
VMP-62-20	10/17/2019	0914	-9.71	-1.57	0.0	0	2 6	19 0	0 0	0.0	0 0	0.0	
VMP-62-20	11/21/2019	0912	-1.33	-1.35	0.0	0	2 0	19 2	0 0	0.0	0 0	0.0	
VMP-62-20	12/11/2019	1420	-1.48	-1.44	0.0	0	1 5	19 8	0 0	4.5	4 5	0.0	
VMP-62-20	1/21/2020	1007	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-62-20	2/20/2020	1019	-0.11	-0.13	0.0	0	1 2	19.7	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-62-20	3/11/2020	1400	-0.41	-0.18	0.0	0	1 0	19 8	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-62-20	4/20/2020	1416	-1.30	0 00	0.0	0	1.1	19.7	0.1	2.5	2 5	0.0	
VMP-62-20	5/21/2020	0824	-1.74	-1.66	0.0	0	1 8	19 0	0 0	0.0	0 0	0.0	
VMP-62-20-Dup	5/21/2020	0824	NM	NM	0.0	0	1.7	19 0	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-62-20	6/18/2020	0812	-1.55	-1.50	0.0	0	2 8	18 3	0 0	0.0	0 0	0.0	
VMP-62-30	7/17/2019	1434	-2.50	-2.54	0.0	0	1.7	18 9	0.1	0.0	0 0	0.0	
VMP-62-30	8/22/2019	0834	-3.14	-3.03	0.0	0	1 8	18 8	0 0	0.0	0 0	0.0	
VMP-62-30	9/17/2019	0825	-3.04	-2.82	0.0	0	2 0	19.1	0 0	0.0	0 0	0.0	
VMP-62-30	10/17/2019	0915	-9.28	-2.89	0.0	0	1 8	19 8	0 0	0.0	0 0	0.0	
VMP-62-30-Dup	10/17/2019	0915	NM	NM	0.0	0	1.7	19 8	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-62-30	11/21/2019	0913	-2.57	-2.55	0.0	0	1 3	19 8	0 0	0.0	0 0	0.0	
VMP-62-30	12/11/2019	1421	-2.71	-2.68	0.0	0	1 0	20 2	0 0	0.0	0 0	0.0	
VMP-62-30	1/21/2020	1008	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-62-30	2/20/2020	1020	-0.45	0 00	0.0	0	1 8	19.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-62-30	3/11/2020	1401	0 00	0.12	0.0	0	1 8	19 0	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-62-30	4/20/2020	1417	-2.44	0 00	0.0	0	0.7	19 9	0.1	0.0	0 0	0.0	
VMP-62-30	5/21/2020	0825	-2.95	-3.03	0.0	0	1 0	19 8	0 0	0.0	0 0	0.0	
VMP-62-30	6/18/2020	0813	-2.85	-2.73	0.0	0	0.4	19 5	0 0	0.0	0 0	0.0	
VMP-62-30-Dup	6/18/2020	0813	NM	NM	0.0	0	1.4	19 5	0 0	0.0	0 0	0.0	Duplicate sample.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-63-5	7/17/2019	1358	-0.24	-0.29	0.0	0	0 2	20 6	0 0	0.0	0 0	0.0	
VMP-63-5	8/22/2019	0812	-0.13	-0.28	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-63-5	9/16/2019	1503	-0.31	-0.28	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-63-5	10/17/2019	0834	-0.32	-0.28	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-63-5	11/21/2019	0845	-0.40	-0.26	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-63-5	12/11/2019	1405	-0.29	-0.35	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-63-5	1/21/2020	0925	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-63-5	2/20/2020	0958	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-63-5	3/11/2020	1345	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-63-5	4/20/2020	1350	-0.40	-0.30	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-63-5-Dup	4/20/2020	1350	NM	NM	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-63-5	5/20/2020	1331	-0.47	-0.38	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-63-5	6/17/2020	1350	-0.23	-0.21	0.0	0	0 2	20 5	0 0	0.0	0 0	0.0	
VMP-63-10	7/17/2019	1400	-0.54	-0.52	0.0	0	0.4	20.4	0.1	0.0	0 0	0.0	
VMP-63-10	8/22/2019	0814	-0.62	-0.60	0.0	0	0 5	20 5	0 3	0.0	0 0	0.0	
VMP-63-10	9/16/2019	1504	-0.56	-0.53	0.0	0	0 3	20 8	0.1	0.0	0 0	0.0	
VMP-63-10	10/17/2019	0835	-0.60	-0.56	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-63-10	11/21/2019	0846	-0.45	-0.43	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-63-10	12/11/2019	1406	-0.54	-0.60	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-63-10	1/21/2020	0926	0.48	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-63-10	2/20/2020	0959	-0.13	-0.11	0.0	0	0 2	20 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-63-10	3/11/2020	1346	0 00	0 00	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-63-10	4/20/2020	1351	-0.81	-0.72	0.0	0	0.1	20.7	0 0	0.0	0 0	0.0	
VMP-63-10	5/20/2020	1332	-1.11	-1.09	0.0	0	0 3	20 6	0 2	0.0	0 0	0.0	
VMP-63-10	6/17/2020	1351	-0.60	-0.56	0.0	0	0 5	20 3	0 3	0.0	0 0	0.0	
VMP-63-20	7/17/2019	1402	-1.81	-2.08	0.0	0	0.7	20 2	0.1	0.0	0 0	0.0	
VMP-63-20-Dup	7/17/2019	1402	NM	NM	0.0	0	0.7	20 2	0.1	0.0	0 0	0.0	Duplicate sample.
VMP-63-20	8/22/2019	0816	-2.19	-2.14	0.0	0	0 8	20 2	0 2	0.0	0 0	0.0	
VMP-63-20	9/16/2019	1505	-1.80	-1.85	0.0	0	0 6	20 5	0.1	0.0	0 0	0.0	
VMP-63-20	10/17/2019	0836	-2.08	-2.08	0.0	0	0.4	20 6	0 0	0.0	0 0	0.0	
VMP-63-20	11/21/2019	0847	-1.64	-1.65	0.0	0	0 2	20.7	0 0	0.0	0 0	0.0	
VMP-63-20	12/11/2019	1407	-1.70	-1.80	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-63-20	1/21/2020	0927	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-63-20	2/20/2020	1000	-0.45	-0.29	0.0	0	0 3	20 6	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-63-20	3/11/2020	1347	0 00	0 09	0.0	0	0 2	20 6	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-63-20	4/20/2020	1352	-1.82	-1.73	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-63-20	5/20/2020	1333	-2.33	-2.29	0.0	0	0 3	20 5	0 2	0.0	0 0	0.0	
VMP-63-20	6/17/2020	1352	-1.71	-1.66	0.0	0	0.7	20 0	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-63-30	7/17/2019	1404	-2.09	-2.08	0.0	0	1.1	19.7	0.1	0.0	0 0	0.0	
VMP-63-30	8/22/2019	0818	-2.51	-2.45	0.0	0	1.1	19 9	0 2	0.0	0 0	0.0	
VMP-63-30	9/16/2019	1506	-2.09	-2.08	0.0	0	1 2	20 0	0 2	0.0	0 0	0.0	
VMP-63-30	10/17/2019	0837	-2.91	-2.25	0.0	0	1.1	20 0	0 0	0.0	0 0	0.0	
VMP-63-30	11/21/2019	0848	-1.91	-1.95	0.0	0	0 8	20.4	0 0	0.0	0 0	0.0	
VMP-63-30-Dup	11/21/2019	0848	NM	NM	0.0	0	0 8	20.4	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-63-30	12/11/2019	1408	-1.99	-2.10	0.0	0	0 6	20 6	0 0	0.0	0 0	0.0	
VMP-63-30-Dup	12/11/2019	1408	NM	NM	0.0	0	0 5	20.7	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-63-30	1/21/2020	0928	0 00	0 00	0.0	0	0 5	20 5	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-63-30	2/20/2020	1001	-0.22	-0.21	0.0	0	0 5	20 5	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-63-30	3/11/2020	1348	0 00	0.13	0.0	0	0 5	20 3	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-63-30	4/20/2020	1404	-2.06	-2.13	0.0	0	0 5	20 0	0 0	0.0	0 0	0.0	
VMP-63-30	5/20/2020	1334	-2.61	-2.52	0.0	0	0 6	20 2	0 0	0.0	0 0	0.0	
VMP-63-30	6/17/2020	1354	-1.93	-1.88	0.0	0	0 8	19 6	0 0	0.0	0 0	0.0	
VMP-63-30-Dup	6/17/2020	1354	NM	NM	0.0	0	0 8	19 5	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-64-5	7/17/2019	1345	0 00	0 00	0.0	0	0.7	20 2	0.1	0.0	0 0	0.0	
VMP-64-5	8/21/2019	1300	0 00	0 00	0.0	0	0 2	20.4	0 0	0.0	0 0	0.0	
VMP-64-5	9/16/2019	1449	-0.54	0 00	0.0	0	0.4	20.7	0.1	0.0	0 0	0.0	
VMP-64-5-Dup	9/16/2019	1449	NM	NM	0.0	0	0.4	20 6	0.1	0.0	0 0	0.0	Duplicate sample.
VMP-64-5	10/16/2019	1436	0 00	0 00	0.0	0	0 2	20 6	0.1	0.0	0 0	0.0	
VMP-64-5	11/21/2019	0833	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-64-5	12/11/2019	1336	0 00	0 00	0.0	0	0 0	20 9	0 0	0.0	0 0	0.0	
VMP-64-5	1/21/2020	0915	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-64-5	2/20/2020	0931	-0.14	0 00	0.0	0	0 0	20 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-64-5	3/11/2020	1332	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-64-5	4/20/2020	1342	0 00	0 00	0.0	0	0 0	20 9	0.1	0.0	0 0	0.0	
VMP-64-5	5/20/2020	1316	0 00	0 00	0.0	0	0.1	20 8	0 0	0.0	0 0	0.0	
VMP-64-5	6/17/2020	1340	0 00	0 00	0.0	0	0 3	20 5	0 0	0.0	0 0	0.0	
VMP-64-10	7/17/2019	1347	-0.13	-0.13	0.0	0	3 0	17.4	0.1	0.0	0 0	0.0	
VMP-64-10	8/21/2019	1301	-0.18	-0.14	0.0	0	4.1	16.1	0 0	0.0	0 0	0.0	
VMP-64-10	9/16/2019	1450	0 00	0 00	0.0	0	3 8	16 8	0 2	0.0	0 0	0.0	
VMP-64-10	10/16/2019	1437	-0.17	-0.42	0.0	0	3 3	17 8	0.1	0.0	0 0	0.0	
VMP-64-10	11/21/2019	0834	-0.11	0 00	0.0	0	3.4	18.1	0 0	0.0	0 0	0.0	
VMP-64-10	12/11/2019	1337	-0.24	-0.13	0.0	0	2.1	19.4	0 0	0.0	0 0	0.0	
VMP-64-10	1/21/2020	0916	0 00	0 00	0.0	0	2.1	19.4	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-64-10	2/20/2020	0932	-0.10	0 00	0.0	0	1.7	19 5	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-64-10	3/11/2020	1333	-0.09	0 00	0.0	0	1.7	19.1	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-64-10-Dup	3/11/2020	1333	NM	NM	0.0	0	1.7	19 2	0 0	0.0	0 0	0.0	Duplicate sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-64-10	4/20/2020	1343	-0.15	0 00	0.0	0	1.4	19.7	0 2	0.0	0 0	0.0	
VMP-64-10	5/20/2020	1317	-0.22	-0.17	0.0	0	1.7	19 2	0 0	0.0	0 0	0.0	
VMP-64-10	6/17/2020	1341	0 00	0 00	0.0	0	1 9	18 3	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-64-20	7/17/2019	1349	-0.21	-0.20	0.0	0	2.7	17.4	0.1	0.0	0 0	0.0	
VMP-64-20	8/21/2019	1302	-0.58	-0.21	0.0	0	3 8	16 6	0 0	0.0	0 0	0.0	
VMP-64-20	9/16/2019	1451	0 00	-0.20	0.0	0	3 8	17.1	0 3	0.0	0 0	0.0	
VMP-64-20	10/16/2019	1438	-0.26	-0.27	0.0	0	4 0	17 0	0 0	0.0	0 0	0.0	
VMP-64-20	11/21/2019	0835	-0.20	-0.23	0.0	0	2.1	19 2	0 0	0.0	0 0	0.0	
VMP-64-20	12/11/2019	1338	-0.29	-0.25	0.0	0	2 8	18 6	0 0	0.0	0 0	0.0	
VMP-64-20	1/21/2020	0917	0.12	0.11	0.0	0	2 8	18.7	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-64-20	2/20/2020	0933	-0.16	-0.13	0.0	0	2 5	18 8	0 0	0.0	0 0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-64-20-Dup	2/20/2020	0933	NM	NM	0.0	0	2 5	18.7	0 0	0.0	0 0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-64-20	3/11/2020	1334	-0.11	0 00	0.0	0	2.7	18 2	0 0	0.0	0 0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-64-20	4/20/2020	1344	-0.23	-0.13	0.0	0	1 9	19.4	0 0	0.0	0 0	0.0	
VMP-64-20	5/20/2020	1318	-0.53	-0.48	0.0	0	1.7	19 2	0 0	0.0	0 0	0.0	
VMP-64-20-Dup	5/20/2020	1318	NM	NM	0.0	0	1.7	19 2	0 0	0.0	0 0	0.0	Duplicate sample.
VMP-64-20	6/17/2020	1342	-0.14	-0.14	0.0	0	1.7	18 6	0 0	0.0	0 0	0.0	
VMP-64-28	7/17/2019	1350	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	8/21/2019	1303	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	9/16/2019	1452	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	10/16/2019	1439	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	11/21/2019	0836	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	12/11/2019	1339	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	1/21/2020	0918	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	2/20/2020	0934	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	3/11/2020	1335	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	4/20/2020	1345	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	5/20/2020	1319	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	6/17/2020	1343	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

Notes:

1) NM = Not Measured; NA = Not Applicable; NE = Not Encountered; PID = Photo Ionization Detector; THC = Total Hydrocarbon Concentration; PHC = Petroleum Hydrocarbon Concentration; OVR = Over-range; ppmv = Parts Per Million By Volume; btoc = Below Top of Casing; bgs = Below Ground Surface.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Acetone			Benzene			1,3-Butadiene			Butane			2-Butanone		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-070219	7/2/2019	14000	U		24			3400	U		160			18000	U	
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	1400	U		14			330	U	UJ	120			1800	U	
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	1900	U		10			440	U		120			2300	U	
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	1400	U		10			330	U		94			1800	U	
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	2800	U		16			660	U		1000			3500	U	
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	2800	U		16			660	U		980			3500	U	
SVE Public Works Header	PW-Header-SVE-011320	1/13/2020	5600	U		26			1300	U		820			7000	U	
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	3800	U		28			890	U		540			4800	U	
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	3000	U		22			700	U		430			3800	U	
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	2300	U		16			540	U		190			2800	U	
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	2.1	J		16			2600	U		370			14000	U	
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	1900	U		13			440	U	UJ	270			2300	U	
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	0.26	J		11			360	U		360			1900	U	
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	1200	U		10			280	U		320			1500	U	
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	1500	U		10			340	U		320			1800	U	
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	1400	U		12			330	U		360			1800	U	
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	930	U		11			220	U		320			1200	U	
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	2900	U		14			670	U		540			3600	U	
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	3000	U		12			690	U		450			3700	U	
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	1100	U		12			260	U		380			1400	U	
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	7.3			0.15			43	U		2.8			1.2		
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	4			0.33			0.0074	J		2.8			0.74		
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	5.7	E	J	0.1			9.9	U		2.9			1.2		
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	5.3	E	J	0.1			8.9	U		1.8			1.1		
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	6.2			0.13			29	U		5.1			0.96		
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	3.2			0.17			32	U		6.1			0.56		
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	2.4			0.12			19	U		3.6			0.38		
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	5.8			0.059			27	U		4.2			0.91		
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	3.6			0.089			28	U		5.2			0.58		
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	9.5	E	J	0.1			19	U		4.5			1.6		
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	4.5	E	J	0.039			9.7	U		2.1			0.74		
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	6			0.025	J		20	U		1.6			1		
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	3.5			0.03			11	U		1.5			0.63		
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	3	E	J	0.056			6	U		1			0.5		
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	4.4			0.063			15	U		1.5			0.81		
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	4.1			0.069			19	U		3.3			0.83		
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	4.2			0.087			11	U		2.7			0.76		
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	1.1			0.36			31	U		2.7			0.12	J	

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TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Carbon disulfide			Chloroform			Chloromethane			Cyclohexane			Dichloromethane (Methylene chloride)		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-070219	7/2/2019	19000	U		7400	U		12000	U		14			21000	U	
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	1800	U		720	U		1200	U	UJ	10			2100	U	
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	2500	U		0.24	J		1600	U		6.8			2800	U	
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	1900	U		740	U		1200	U		6.2			2100	U	
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	3700	U		1400	U		2400	U		7.6			4100	U	
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	3700	U		1500	U		2500	U		12			4200	U	
SVE Public Works Header	PW-Header-SVE-011320	1/13/2020	7300	U		2900	U		4900	U		2000	U		8200	U	
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	5000	U		2000	U		3300	U		20			5600	U	
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	4000	U		1600	U		2600	U		15			4400	U	
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	3000	U		1200	U		2000	U		14			3400	U	
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	15000	U		5800	U		9800	U		27			16000	U	
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	2500	U		970	U		1600	U	UJ	27			2800	U	
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	2000	U		0.41	J		1300	U		27			2200	U	
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	1600	U		620	U		1000	U		22			1800	U	
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	1900	U		760	U		1300	U		20			2200	U	
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	1900	U		730	U		1200	U		24			2100	U	
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	1200	U		480	U		800	U		340	U		1400	U	
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	3800	U		1500	U		2500	U		36			4200	U	
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	3900	U		1500	U		2600	U		23			4400	U	
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	1500	U		580	U		980	U		22			1600	U	
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	240	U		95	U		400	U		0.25			680	U	
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	100	U		40	U		0.015	J		0.19			290	U	
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	56	U		0.007	J		93	U		0.21			160	U	
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.034	J		20	U		83	U		0.17			140	U	
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	160	U		64	U		270	ND,UJ	UJ	0.11			460	U	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	180	U		71	U		300	U		0.29			510	U	
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	110	U		42	U		180	U		30	U		300	U	
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	150	U		59	U		250	U		0.14			0.04	J	
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	160	U		63	U		270	U		0.2			450	U	
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	110	U		42	U		180	U		0.15			300	U	
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	55	U		21	U		91	U		0.081			150	U	
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	110	U		45	U		190	U		0.05			320	U	
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	60	U		24	U		100	U		0.058			170	U	
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	34	U		13	U		56	U		0.054			94	U	
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	85	U		33	U		140	U		0.084			240	U	
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	110	U		42	U		180	U		0.15			300	U	
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	64	U		25	U		100	U		0.18			180	U	
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	180	U		69	U		290	U		0.12			490	U	

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TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Heptane			Hexane		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070219	7/2/2019	11000	U		1.6	J		7500	U		14			54		
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	1100	U		0.86			0.22	J		9.8			39		
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	1500	U		0.28	J		980	U		5.4			64		
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	1100	U		0.53	J		740	U		5.8			66		
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	2200	U		1.6			0.45	J		8.9			85		
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	2300	U		1.7			0.47	J		12			88		
SVE Public Works Header	PW-Header-SVE-011320	1/13/2020	4400	U		3			2900	U		21			200		
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	3000	U		2.7			0.53	J		24			210		
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	2400	U		2			0.47	J		20			190		
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	1800	U		1.5			0.46	J		14			110		
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	8900	U		3.7	J		5800	U		25			160		
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	1500	U		4			0.74	J		24			110		
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	1200	U		3.3			0.64	J		21			130		
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	950	U		3			0.76			21			120		
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	1200	U		3.1			0.54	J		21			120		
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	1100	U		3.1			0.59	J		21			140		
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	730	U		2.7			0.39	J		17			120		
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	2300	U		4.6			0.62	J		26			200		
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	2400	U		3.5			0.64	J		22			160		
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	900	U		1.9			0.39	J		19			140		
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	0.15			0.05	J		96	U		0.3			1.4		
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	0.1			0.043			0.018	J		0.29			1.3		
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	0.11			0.025			22	U		0.23			1.2		
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.069	J0	J	0.036			0.021			0.25			0.86		
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.097	J	J	0.024	J		0.011	J		0.16			0.73		
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	110	U	UJ	0.05	J		0.014	J		0.35			1.9		
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	65	U		0.015	J		42	U		0.21			1.3		
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	0.15			0.011	J		59	U		0.16			0.83		
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	0.08	J		0.012	J		63	U		0.2			1.2		
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	0.16			0.013	J		42	U		0.18			1.1		
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	0.087			0.0051	J		22	U		0.085			0.54		
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	0.15			40	U		45	U		0.078			0.41		
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	0.062			21	U		24	U		0.065			0.43		
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	0.051			0.017			0.011	J		0.088			0.45		
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	0.1			0.013	J		33	U		0.11			0.63		
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	0.088			38	U		42	U		0.19			1.3		
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	0.066			0.011	J		25	U		0.19			1.1		
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	0.33	J0	J	0.012	J		69	U		0.16			0.75		

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TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			Methyl tert-Butyl Ether (MTBE)			2-Propanol		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-070219	7/2/2019	25000	U		360			7500	U		5500	U		15000	U	
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	2400	U		400			0.9			540	U		1400	U	
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	3200	U		840			0.48	J		720	U		2000	U	
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	2500	U	UJ	720			0.44	J		540	U		1500	U	
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	4900	U		970			0.77	J		1100	U		2900	U	
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	4900	U		960			0.82	J		1100	U		2900	U	
SVE Public Works Header	PW-Header-SVE-011320	1/13/2020	9700	U		2600			1.4	J		2100	U		5800	U	
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	6600	U		2000			1.6	J		1400	U		4000	U	
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	5200	U		1500			1	J		1200	U		3100	U	
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	4000	U		790			1.1	J		870	U		2400	U	
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	19000	U		540			5800	U		4300	U		12000	U	
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	3200	U		460			0.7	J		710	U		1900	U	
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	2600	U		750			0.77	J		580	U		1600	U	
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	2100	U	UJ	640			0.69			460	U		1200	U	
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	2600	U		590			0.66	J		560	U		1500	U	
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	2500	U		570			0.75			0.076	J		1500	U	
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	1600	U		560			0.41	J		350	U		960	U	
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	5000	U		950			0.7	J		1100	U		3000	U	
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	5100	U		750			0.68	J		1100	U		3100	U	
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	1900	U		680			0.5	J		430	U		1200	U	
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	0.11	J		5.9			96	U		280	U		190	U	
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	0.077	J		4.8			0.012	J		120	U		0.064	J	
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	0.099			5.2			0.0096	J		65	U		0.058		
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.11			2.8			0.014	J		58	U		0.04		
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.071	J		4.4		J	0.0094	J		190	U		0.068	J	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	0.046	J		7.3			0.016	J		210	U		0.043	J	
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	0.035	J		5.6			42	U		120	U		84	U	
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	0.068	J		8.5			59	U		170	U		0.13		
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	0.058	J		9.2			63	U		190	U		0.078	J	
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	0.14			7.5			42	U		120	U		0.17		
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	0.066	J	J	3.3			22	U		63	U		0.098		
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	0.099	J	J	2.5			45	U		130	U		0.16		
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	0.063	J	J	2.6			24	U		70	U		0.095		
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	0.05			2.5			0.014			39	U		0.067		
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	0.1	J	J	2.8			0.0034	J		98	U		0.09		
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	0.072	J		5.6			42	U		120	U		0.08	J	
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	0.058	J		5.1			25	U		74	U		0.052		
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	230	U		4.5			69	U		200	U		140	U	

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TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	n-Propylbenzene			Tetrachloroethene			Toluene			Trichloroethene			1,2,4-Trimethylbenzene		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-070219	7/2/2019	1.9	J		10000	U		1.8	J CN	J	8200	U		7500	U	
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	1.5			1000	U		0.24	J	J	800	U		730	U	
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	0.65	J		1300	U		0.69	J		1100	U		980	U	
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	0.79			1000	U		0.34	J		810	U		740	U	
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	1.1	J		2000	U		3.2			1600	U		1500	U	
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	1.3	J		2000	U		4.3			1600	U		1500	U	
SVE Public Works Header	PW-Header-SVE-011320	1/13/2020	1.9	J		4000	U		8.2			3200	U		2900	U	
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	2			2700	U		8.5			2200	U		0.43	J	
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	1.7			2200	U		15			1700	U		0.18	J	
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	1.6			1600	U		4.4			1300	U		0.21	J	
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	0.94	J		8000	U		6.1	CN	J	6400	U		5800	U	
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	0.86	J		1300	U		3		J	1100	U		0.91	J	
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	0.81			1100	U		2.7			860	U		0.61	J	
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	0.78			0.47	J		2.8			680	U		0.77		
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	0.73	J		1000	U		2.8			840	U		0.64	J	
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	0.88			1000	U		2.3			810	U		0.6	J	
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	0.45	J		660	U		1			520	U		0.4	J	
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	0.81	J		2000	U		1.1			1600	U		0.6	J	
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	0.84	J		2100	U		1.7			1700	U		0.59	J	
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	0.62			810	U		1.2			640	U		0.36	J	
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	96	U		130	U		0.05	J		100	U		96	U	
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	0.02	J		56	U		0.031			44	U		0.023	J	
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	0.015	J		30	U		0.028			24	U		22	U	
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.021			27	U		0.029			0.013	J		0.024		
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.021	J		90	U		0.028	J		71	U		65	U	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	0.027	J		99	U		0.036	J		78	U		0.018	J	
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	0.019	J		58	U		0.021	J		46	U		42	U	
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	0.0074	J		82	U		0.022	J		65	U		59	U	
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	0.0065	J		88	U		0.028	J		69	U		63	U	
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	0.0083	J		58	U		0.031	J		46	U		0.0052	J	
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	0.0031	J		30	U		0.0089	J		24	U		22	U	
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	45	U		62	U		0.0048	J		49	U		45	U	
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	24	U		33	U		0.0037	J		26	U		24	U	
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	0.026			0.012	J		0.022			14	U		0.014		
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	0.0058	J		46	U		0.018	J		36	U		33	U	
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	42	U		59	U		0.015	J		46	U		42	U	
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	25	U		34	U		0.022			27	U		25	U	
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	69	U		96	U		0.016	J		76	U		69	U	

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TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-070219	7/2/2019	7500	U		230			3900	U		1.7	J		6600	U	
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	0.16	J		130			380	U		2.2			640	U	
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	980	U		110			510	U		1.2			860	U	
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	0.15	J		130			380	U		1.5			660	U	
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	0.33	J		160			760	U		2.9			1300	U	
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	0.29	J		190			770	U		2.7			1300	U	
SVE Public Works Header	PW-Header-SVE-011320	1/13/2020	2900	U		270			1500	U		5.8			1	J	
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	0.28	J		290			1000	U		3.5			0.41	J	
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	1600	U		240			820	U		3.6			0.5	J	
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	0.19	J		250			620	U		3.7			0.59	J	
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	5800	U		280			3000	U		5.4			5100	U	
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	0.5	J		220			510	U		6			0.74	J	
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	0.43	J		300			410	U		4.2			0.57	J	
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	0.48	J		300			320	U		4.4			0.63		
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	0.36	J		280			400	U		4.3			0.66	J	
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	0.42	J		290			380	U		4.5			0.57	J	
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	0.24	J		230			250	U		3.8			0.34	J	
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	0.31	J		410			770	U		6.5			0.39	J	
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	0.43	J		300			800	U		5.6			0.65	J	
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	0.23	J		290			300	U		3			0.4	J	
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	96	U		2.7			50	U		0.092			84	U	
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	0.01	J		2.6			0.0044	J		0.062			0.0091	J	
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	22	U		2.6			11	U		0.045			0.0083	J	
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.012	J		2.2			10	U		0.066			0.01	J	
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.0093	J		1.6			34	U		0.034	J		57	U	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	0.012	J		4.4			37	U		0.063	J		0.0085	J	
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	42	U		2.4			22	U		0.024	J		37	U	
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	59	U		1.9			31	U		0.016	J		52	U	
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	63	U		3			33	U		0.02	J		56	U	
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	42	U		2.5			22	U		0.022	J		0.0045	J	
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	22	U		1			11	U		0.0089	J		19	U	
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	45	U		0.8			24	U		40	U		40	U	
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	24	U		0.91			12	U		0.0041	J		21	U	
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	0.0049	J		0.94			6.9	U		0.026			0.0039	J	
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	33	U		1.1			17	U		0.017	J		30	U	
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	42	U		2.4			22	U		0.01	J		38	U	
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	25	U		2.2			13	U		0.012	J		22	U	
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	69	U		1.6			36	U		0.018	J		61	U	

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TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	TPH (C2-C10)			Butane			Isopentane			C6+			Carbon Dioxide		
			Result (mg/m^3)	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-070219	7/2/2019	6700			0.01			0.022			0.042			3.9		
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	5000			0.0066			0.016			0.029			3.5		
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	5300			0.0051			0.023			0.027			3.3		
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	5200			0.0038			0.02			0.024	J		3.6		
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	8100			0.04			0.027			0.03			3.3		
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	12000			0.042			0.034			0.041			3.8		
SVE Public Works Header	PW-Header-SVE-011320	1/13/2020	12000			0.025			0.054			0.049			3.4		
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	13000			0.023			0.061			0.069			3.9		
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	10800			0.021			0.055			0.065			3.8		
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	4400			0.0079			0.024			0.052			3.9		
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	8200			0.02			0.025			0.058			2.7		
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	7700			0.015			0.02			0.05			2.7		
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	7200			0.015			0.02			0.05			2.8		
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	6400			0.012			0.017			0.043			2.9		
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	6700			0.013			0.017			0.044			2.6		
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	8700			0.017			0.02			0.064			2.8		
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	5500			0.014			0.017			0.037			2		
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	8700			0.024			0.03			0.066			3.1		
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	8700			0.022			0.026			0.056			2.9		
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	7100			0.016			0.02			0.046			2.6		
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	110			0.00015	J		0.00021	J		0.00052	J		0.96		
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	120			0.00014	J		0.00018	J		0.0007	J		1.1		
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	92			0.00012	J		0.00017	J		0.0005	J		1		
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	81			0.00009	J		0.00013	J		0.028	U		1.1		
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	80			0.00022	J		0.00018	J		0.026	U		1.2		
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	120			0.00024	J		0.00028	J		0.00067	J		1.4		
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	87			0.00017	J		0.00024	J		0.00034	J		1.4		
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	97			0.00023	J		0.00029	J		0.00033	J		1.5		
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	110			0.00027	J		0.0003	J		0.00047	J		1.7		
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	110			0.00022	J		0.00028	J		0.00042	J		1.7		
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	41			0.000093	J		0.00011	J		0.00015	J		0.98		
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	41			0.000078	J		0.000092	J		0.00016	J		0.92		
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	36			0.00007	J		0.000089	J		0.00013	J		0.82		
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	37			0.0027	U		0.000084	J		0.000091	J		0.82		
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	42			0.000067	J		0.000095	J		0.00016	J		1.2		
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	68			0.00013	J		0.00018	J		0.018	J		1.2		
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	75			0.00016	J		0.00021	J		0.00044	J		1.3		
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	66			0.00011	J		0.00016	J		0.00074	J		1.2		

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TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Ethane			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
SVE Public Works Header	PW-Header-SVE-070219	7/2/2019	0.00007	J		0.0014	J		1.2			0.00019	J		80		
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	0.0024	U		0.001	J		0.61			0.00015	J		80		
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	0.0024	U		0.00095	J		0.4			0.00036	J		80		
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	0.00012	J		0.0012	J		0.52			0.0004	J		80		
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	0.00012	J		0.01			0.62			0.00054	J		80		
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	0.000088	J		0.0083			1.1			0.00055	J		79		
SVE Public Works Header	PW-Header-SVE-011320	1/13/2020	0.0024	U		0.0036			1.1			0.00085	J		79		
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	0.000064	J		0.0027			1.9			0.00015	J		78		
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	0.000059	J		0.0021	J		1.8			0.0026	U		78		
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	0.000063	J		0.00095	J		1.5			0.000065	J		78		
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	0.00013	J		0.0022	J		0.63			0.0024	U		80		
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	0.000088	J		0.0017	J		0.53			0.0024	U		80		
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	0.000077	J		0.0017	J		0.6			0.0026	U		80		
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	0.000079	J		0.0014	J		0.49			0.0025	U		80		
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	0.000075	J		0.0015	J		0.51			0.0025	U		80		
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	0.000094	J		0.0018	J		0.64			0.0024	U		79		
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	0.000072	J		0.0014	J		0.48			0.0023	U		79		
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	0.00012	J		0.0026			1.2			0.00012	J		80		
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	0.00014	J		0.0023	J		1.1			0.00011	J		79		
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	0.0001	J		0.0017	J		0.78			0.0024	U		78		
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	0.0029	U		0.0029	U		0.0049			0.0029	U		80		
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	0.0026	U		0.0026	U		0.005			0.0026	U		80		
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	0.0027	U		0.0027	U		0.005			0.0027	U		80		
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.0028	U		0.0028	U		0.0037			0.0028	U		80		
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.0026	U		0.0026	U		0.0043			0.0026	U		80		
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	0.0029	U		0.0029	U		0.0089			0.0029	U		80		
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	0.0026	U		0.0026	U		0.0063			0.0026	U		80		
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	0.0024	U		0.0024	U		0.0066			0.0024	U		80		
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	0.0026	U		0.0026	U		0.011			0.0026	U		80		
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	0.0028	U		0.0028	U		0.0089			0.0028	U		80		
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	0.0026	U		0.0026	U		0.0039			0.0026	U		80		
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	0.0028	U		0.0028	U		0.0037			0.0028	U		80		
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	0.0024	U		0.0024	U		0.0036			0.0024	U		80		
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	0.0027	U		0.0027	U		0.0024			0.0027	U		80		
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	0.0027	U		0.0027	U		0.0034			0.0027	U		80		
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	0.0026	U		0.0026	U		0.0073			0.0026	U		80		
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	0.0026	U		0.0026	U		0.0079			0.0026	U		80		
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	0.0028	U		0.0028	U		0.0065			0.0028	U		80		

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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-070219	7/2/2019	15			0.014			0.000078	J	
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	16			0.011			0.000074	J	
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	16			0.019			0.00019	J	
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	16			0.018			0.00051	J	
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	16			0.02			0.00086	J	
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	16			0.023			0.00066	J	
SVE Public Works Header	PW-Header-SVE-011320	1/13/2020	16			0.042			0.000083	J	
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	16			0.048			0.00012	J	
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	16			0.046			0.000053	J	
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	16			0.018			0.000064	J	
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	17			0.012			0.00014	J	
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	17			0.0091			0.0001	J	
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	17			0.0086			0.0001	J	
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	17			0.0074			0.000094	J	
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	17			0.0075			0.000099	J	
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	17			0.0097			0.00011	J	
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	18			0.0071			0.000088	J	
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	16			0.013			0.00014	J	
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	17			0.011			0.00015	J	
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	18			0.0087			0.000091	J	
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	19			0.00011	J		0.0029	U	
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	19			0.000091	J		0.0026	U	
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	19			0.000074	J		0.0027	U	
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	19			0.00007	J		0.0028	U	
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	19			0.0001	J		0.0026	U	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	19			0.00014	J		0.0029	U	
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	19			0.00013	J		0.0026	U	
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	18			0.00014	J		0.0024	U	
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	18			0.00012	J		0.0026	U	
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	18			0.00013	J		0.0028	U	
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	19			0.0026	U		0.0026	U	
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	19			0.0028	U		0.0028	U	
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	19			0.0024	U		0.0024	U	
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	19			0.0027	U		0.0027	U	
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	19			0.0027	U		0.0027	U	
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	19			0.000096	J		0.0026	U	
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	19			0.0001	J		0.0026	U	
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	19			0.0028	U		0.0028	U	

Notes:
Analytes shown were detected in at least 1 sample during the current quarter or previous 3 quarters.

Lab Qualifiers
J = Estimated value; results between the MDL and RL
U = Compound analyzed for but not detected above the RL
E = Exceeds instrument calibration range
ND, UJ = Non-detected compound associated with low bias in the continuing calibration verification (CCV)
J0 = Estimated value due to bias in the CCV
CN = Indicates potential high bias due to use of Tedlar© bag for off-line dilution

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

Figures

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

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

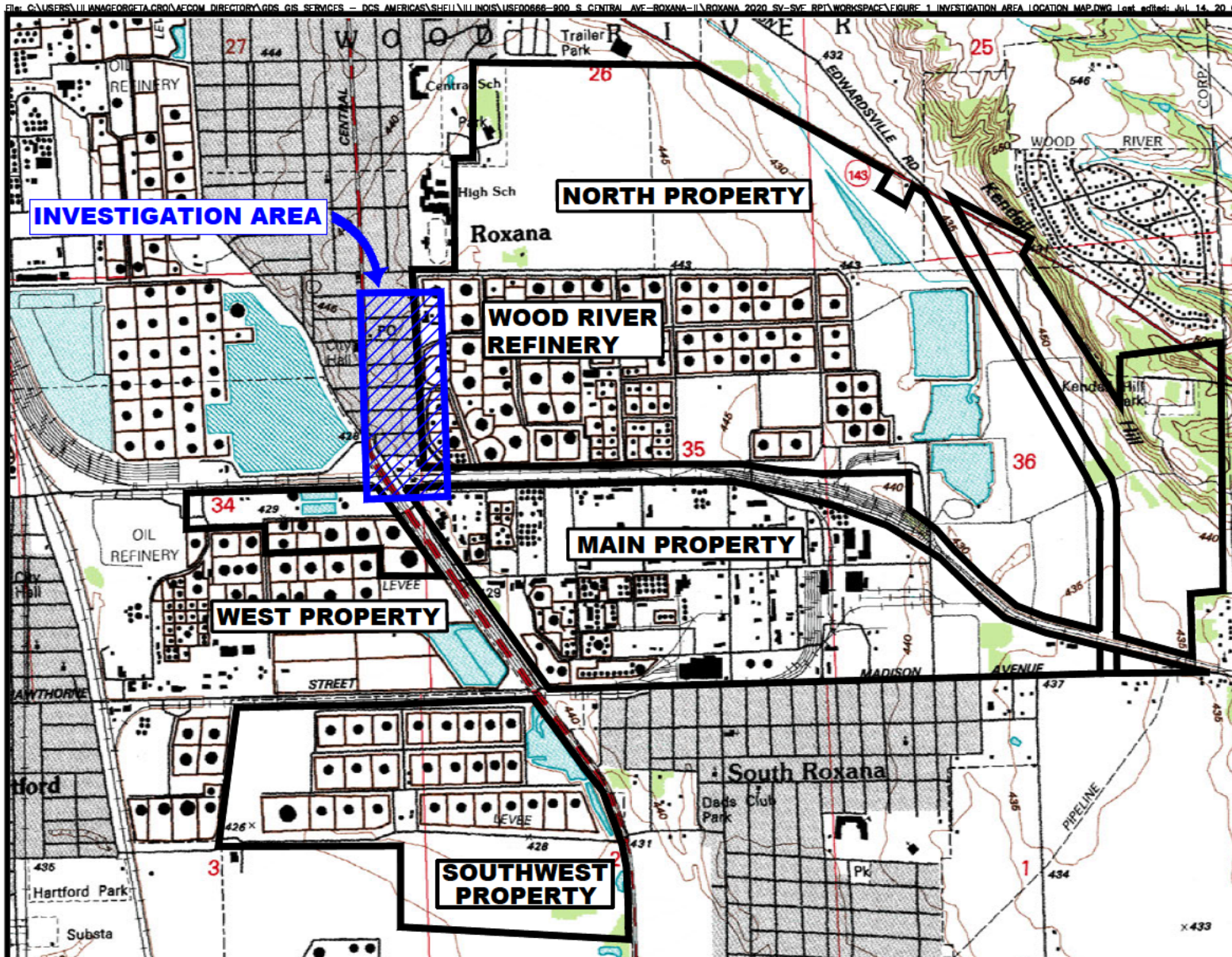
Inward Kriging / Boundary Cut-off – This method of Kriging limits the horizontal extent of data modeling to the extent of the data on the x/y plane in a convex hull. The model is bounded by the VMPs.

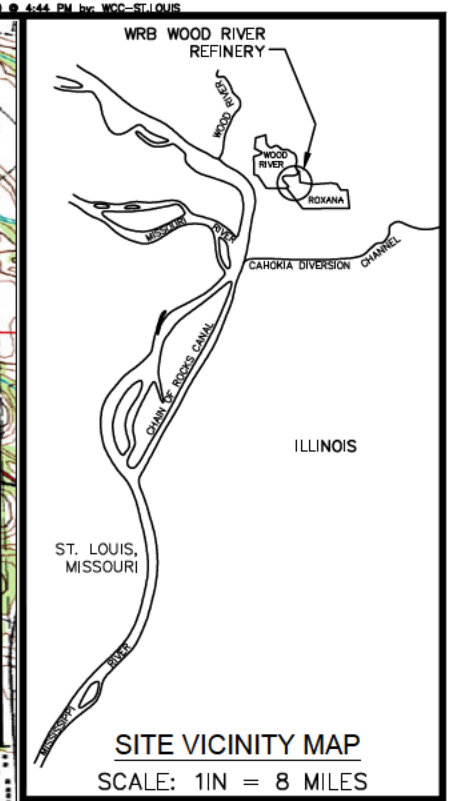
Vertical Cut-off – The bottom surface of this model is based on the current quarter's groundwater gauging data collected in Roxana. The groundwater gauging data was used to model a 2D surface that represents the interface between the top surface of groundwater and the bottom surface of soil vapor.

Duplicate Samples – In locations and depths where duplication samples were collected, the higher concentration was used.

Detection Limits – In cases where the lab reported a non-detect, half the value of the lab detection limit was used in the model. This conservative method is based on the assumption that the soil is likely not free of benzene, but the quantity contained is lower than detectable at the analyzed dilution. Data are posted where non-detect.

File: C:\USERS\ILIANAGEORGETA.CROI\AECOM DIRECTORY\GDS GIS SERVICES - DCS AMERICAS\SHELL\ILLINOIS\USF00666-900 S CENTRAL AVE-ROXANA-IL\ROXANA 2020 SV-SVE RPT\WORKSPACE\FIGURE 1 INVESTIGATION AREA LOCATION MAP.DWG Last edited: Jul. 14, 20 @ 4:44 PM by: WCC-ST.LOUIS





SITE VICINITY MAP

SCALE: 1IN = 8 MILES

LEGEND

WOOD RIVER REFINERY PROPERTY BOUNDARY

INVESTIGATION AREA

CONTOUR INTERVAL = 5 FT

0 2000

SCALE FEET

N

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. 60619901
AECOM	
DRN. BY: gds July 2020 DSGN. BY: djd CHKD. BY: smf	Investigation Area Location Map
	FIG. NO. 1

File: C:\USERS\POPAA\AECOM DIRECTORY\GDS GIS SERVICES – GIS CAD PROJECTS\DCS AMERICAS\SHELL\ILLINOIS\USF00666-900_S_CENTRAL_AVE-ROXANA-IL\ROXANA 2Q20 SV-SVE RPT\WORKSPACE\FIGURE 2 VAPOR MONITORING SAMPLING POINT LOCATIONS.DWG Last edited: Jun.

LEGEND

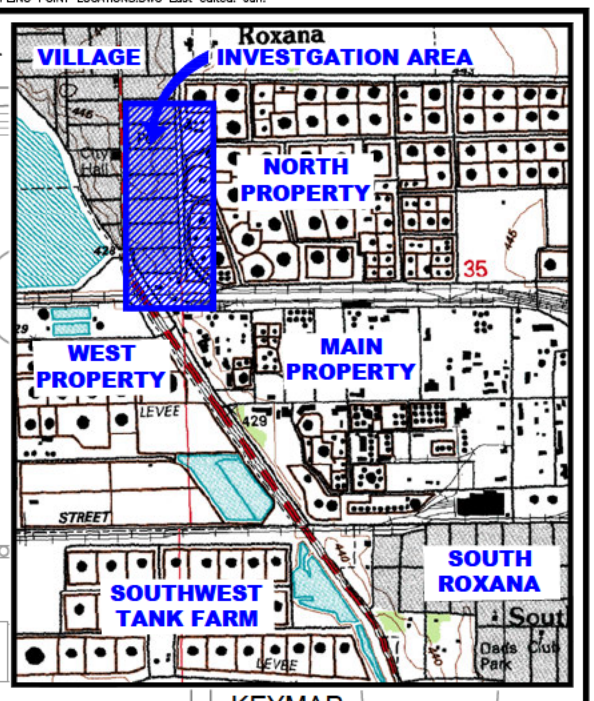
- VAPOR MONITORING POINT (VMP) LOCATION
- VMP LOCATION (NOT USED FOR QUARTERLY SAMPLING)

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'

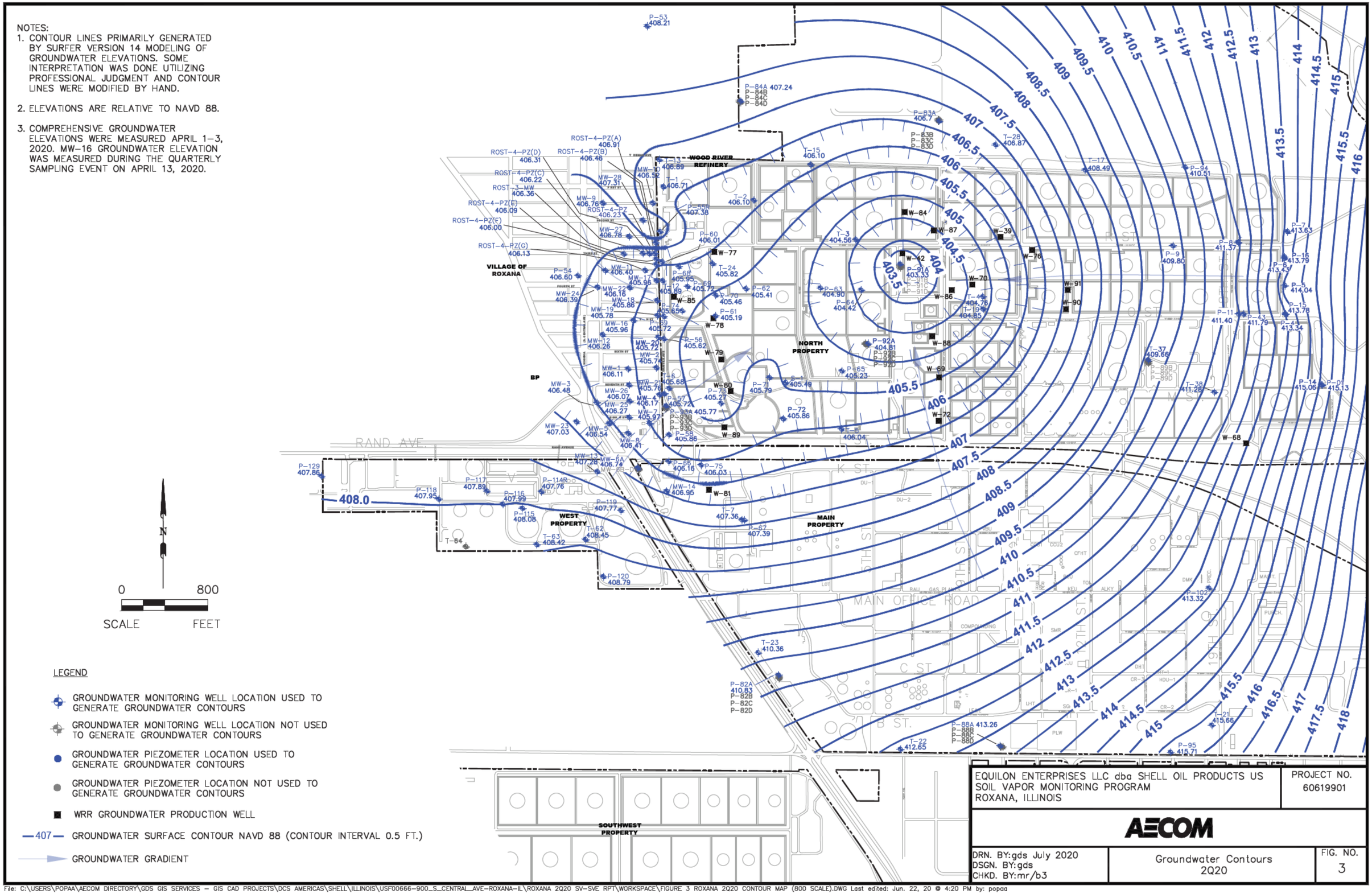
0 200
SCALE FEET
N

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 60619901
	AECOM	
DRN. BY: gds July 2020 DSGN. BY: djd CHKD. BY: smf	Vapor Monitoring Point Sampling Locations	FIG. NO. 2

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

2. ELEVATIONS ARE RELATIVE TO NAVD 88.

3. COMPREHENSIVE GROUNDWATER ELEVATIONS WERE MEASURED APRIL 1–3, 2020. MW–16 GROUNDWATER ELEVATION WAS MEASURED DURING THE QUARTERLY SAMPLING EVENT ON APRIL 13, 2020.



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

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 60619901
AECOM		
DRN. BY:gds July 2020 DSGN. BY:gds CHKD. BY:mr/b3	Groundwater Contours 2Q20	FIG. NO. 3

File: C:\USERS\POPAA\AECOM DIRECTORY\GDS GIS SERVICES – GIS CAD PROJECTS\DCS AMERICAS\SHELL\ILLINOIS\USF00666-900_S_CENTRAL_AVE-ROXANA-IL\ROXANA 2Q20 SV-SVE RPT\WORKSPACE\FIGURE 3 ROXANA 2Q20 CONTOUR MAP (800 SCALE).DWG Last edited: Jun. 22, 20 @ 4:20 PM by: popaa

File: C:\USERS\POPAA\AECOM DIRECTORY\GDS GIS SERVICES – GIS CAD PROJECTS\DCS AMERICAS\SHELL\ILUNOIS\USF00666–900_S_CENTRAL_AVE–ROXANA–IL\ROXANA 2Q20 SV–SVE RPT\WORKSPACE\FIGURE 4 VAPOR PORT SCREEN COMPARISON TO GW ELEVATIONS (2Q20).DWG Last edited: Jun. 23, 20 @ 2:14 PM by: popaa

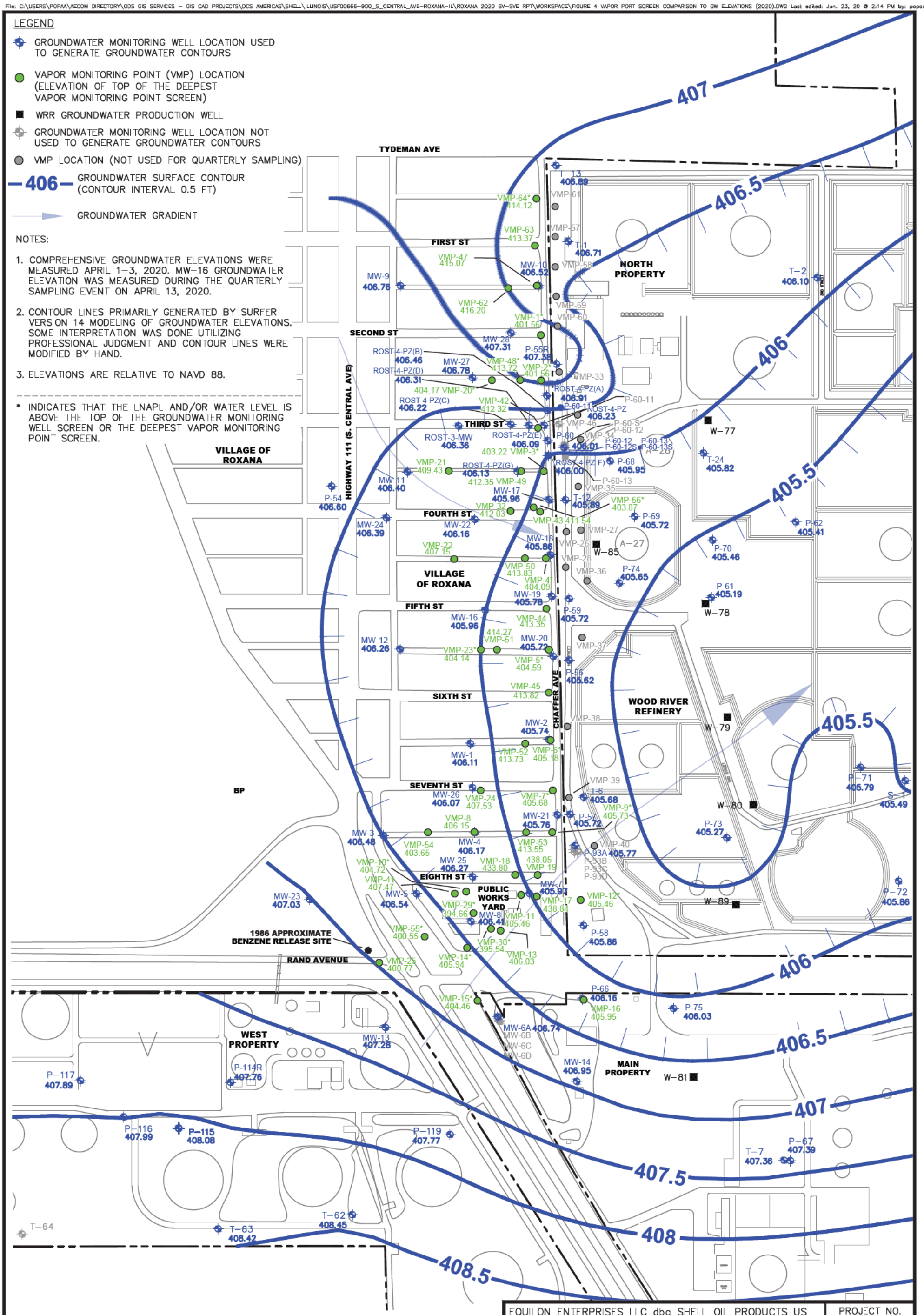
LEGEND

- 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)
- –406– GROUNDWATER SURFACE CONTOUR (CONTOUR INTERVAL 0.5 FT)
- GROUNDWATER GRADIENT

NOTES:

1. COMPREHENSIVE GROUNDWATER ELEVATIONS WERE MEASURED APRIL 1–3, 2020. MW–16 GROUNDWATER ELEVATION WAS MEASURED DURING THE QUARTERLY SAMPLING EVENT ON APRIL 13, 2020.
2. 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.
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.



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

PROJECT NO. 60619901

AECOM

DRN. BY: gds July 2020
DSGN. BY: djd
CHKD. BY: smf

2Q20
Vapor Port Screen Comparison to Groundwater Elevations

FIG. NO. 4

File: C:\USERS\POPAA\AECOM DIRECTORY\GDS GIS SERVICES – GIS CAD PROJECTS\DCS AMERICAS\SHELL\ILLINOIS\USF00666-900_S_CENTRAL_AVE-ROXANA-IL\ROXANA 2Q20 SV-SVE RPT\WORKSPACE\FIGURE 5 SUMMARY OF BENZENE SOIL VAPOR ANALYTICAL RESULTS (VILLAGE).DWG Last edited: Jun. 24, 20

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-63	5 ft	**0.0014 J**	<0.0037 / **0.001 J**	<0.0043 / <0.0046	<0.0038
	10 ft	<0.004	<0.0036	**0.002 J**	<0.0043
	20 ft	<0.0039	<0.004	<0.0044	<0.0038
	30 ft	**0.00085 J**	<0.004	<0.0044	<0.004

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-47	5 ft	<0.004	<0.004	**0.0072 J / 0.028 J**	<0.0045
	10 ft	<0.0041	<0.0042	**0.002 J**	<0.0044 / <0.0045
	20 ft	<0.0039	<0.0041	<0.0042	<0.0043
	30 ft	<0.004	<0.0043	<0.0045	<0.0043

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-62	5 ft	<0.0041	<0.004	<0.0038	**0.0013 J**
	10 ft	<0.0037 / <0.0039	<0.0041	<0.0041	<0.0048
	20 ft	<0.0039	<0.0039	<0.0046	<0.0043 / <0.0044
	30 ft	<0.0036	<0.0043	<0.0043	<0.0046

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-64	5 ft	<0.0038 / <0.0039	<0.0039	<0.0043	<0.0041
	10 ft	<0.004	<0.004	<0.0043	<0.0036
	20 ft	<0.0042	<0.0041	<0.0046	<0.004 / <0.0039
	28 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q19	4Q19 (Initial Sample)	4Q19 (Re-sample[2])	1Q20	2Q20
VMP-1	5 ft	**0.0016 J**	<0.004		<0.0039	<0.0042
	8.5 ft	**0.0019 J**	<0.009 / <0.004	<0.004	<0.0046	<0.0041
	23.5 ft	**0.0034 J**	<0.0039		<0.004	<0.0038
	38.5 ft	Not Sampled[1]	Not Sampled[1]		<0.0041	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-48	5 ft	<0.0041	<0.004	<0.0046	<0.0047
	10 ft	<0.0039	**0.00073 J**	<0.0047	<0.0043
	20 ft	Not Sampled[1]	<0.0038	Not Sampled[1]	Not Sampled[1]
	30 ft	<0.004	<0.0041	<0.0046	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-2	5 ft	<0.0037	<0.0037	<0.0042	**0.0013 J**
	8.5 ft	<0.0043	<0.0038	<0.0044	**0.0012 J**
	22 ft	<0.0039	<0.0039	<0.0044	<0.0045 / **0.0027 J**
	42 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-20	5 ft	**0.0059**	<0.0037	<0.0038	<0.0041
	10 ft	<0.0038	<0.0037	<0.004	<0.0041
	25 ft	<0.004	<0.004 / <0.0038	<0.0044	<0.0042
	39.5 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-42	10 ft	**0.021**	<0.0036	<0.0047	<0.0047
	20 ft	**0.001 J**	<0.0039	<0.0045	<0.0044 / <0.0041
	30 ft	**0.0045**	<0.0035 / <0.0039	<0.0046	<0.005

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-49	5 ft	<0.004	<0.0039	<0.0039	<0.0047
	10 ft	<0.0039	<0.0038	<0.0046	<0.0039
	20 ft	<0.0039	<0.0044	<0.0043	<0.0039 / <0.0041
	30 ft	<0.004	<0.0042	<0.0041	<0.004

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-3	5 ft	<0.004	<0.004	<0.0054 / <0.0044	<0.0043
	10 ft	<0.004 / <0.0048	<0.0047	<0.0037	Not Sampled[1]
	22 ft	<0.004	**0.003 J**	<0.0041	<0.0046
	31.5 ft	<0.0042	<12 / <11	<0.038	**0.48 J**
	39 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-21	5 ft	<0.004	<0.0046	<0.0044	**0.0026 J**
	10 ft	<0.004 / <0.0039	<0.0038 / <0.0039	<0.0045	<0.0039
	25 ft	<0.0041	<0.0039	<0.0044	<0.0044
	33 ft	<0.0038	<0.0037	<0.0046	<0.0038

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-43	10 ft	<0.0038	<0.0037	<0.0038	<0.0043
	20 ft	<0.0038	<0.0039	<0.0044	<0.0044
	30 ft	<0.0039	<0.0039 / <0.0039	<0.0042	<0.0041

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-32	5 ft	<0.004 / <0.0039	<0.0039	<0.006	**0.00092 J**
	10 ft	<0.0039	<0.0039	<0.0043	<0.0044
	20 ft	**0.0022 J**	Not Sampled[1]	<0.0043	<0.0044
	30 ft	**0.018**	<0.004	<0.0046	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-50	5 ft	<0.0038	<0.0038	<0.0044	<0.0042
	10 ft	<0.0042	<0.0039	<0.0045	<0.0044
	20 ft	<0.0044	<0.0042	<0.0044	<0.0041
	30 ft	<0.081	<0.04	<0.086	<0.054

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-56	10 ft	**0.0018 J**	<0.0035	<0.0045	<0.0042
	25 ft	<0.0039	**0.0042**	<0.0041	<0.0044
	38.5 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-4	5 ft	<0.004	<0.0039	<0.0041	<0.0041
	12 ft	<0.0039	<0.004	<0.004	<0.0043
	23.5 ft	**0.0054**	<0.0039	<0.0043	**0.0014 J**
	39 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-22	5 ft	<0.0042	<0.0039	<0.0039	<0.0041
	10 ft	**0.0014 J**	<0.004	**0.0021 J**	**0.0011 J**
	18 ft	<0.0042	<0.0039	<0.0039	<0.0041
	38 ft	<0.0041	<0.0038	<0.0042 / <0.0042	<0.004 / <0.0042

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-44	10 ft	**0.0017 J**	<0.0036	<0.0047	**0.00069 J**
	20 ft	**0.002 J**	<0.0037	<0.0046	<0.0039
	30 ft	**0.0011 J**	<0.0035	<0.0038 / <0.0039	<0.004

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-23	5 ft	<0.0041	<0.0037	<0.0039	<0.004
	10 ft	<0.0039	<0.0039	<0.0038	<0.004
	25 ft	<0.0039	<0.0041	<0.0035 / <0.0035	<0.0042 / **0.0046**
	40 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-5	5 ft	<0.0039 / <0.0038	<0.0039	<0.0036	<0.0038
	12.5 ft	<0.004	<0.0036	<0.0042	<0.0039
	31 ft	**0.001 J**	<0.0046	<0.004	<0.004
	40 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-51	5 ft	<0.0041	<0.0042	<0.0045 / <0.0044	<0.0038
	10 ft	<0.0038	<0.0039	<0.0044	<0.0041
	20 ft	<0.0041	<0.004	<0.0038	<0.0042
	30 ft	<0.0037	<0.0039 / <0.004	**0.0019 J**	<0.0037

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-45	10 ft	**0.0016 J**	<0.004	**0.0014 J**	<0.0042
	20 ft	<0.0041	<0.0036	<0.004	<0.004
	30 ft	<0.004	<0.0038 / <0.0036	<0.0044	**0.0009 J**

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-52	5 ft	<0.0041 / <0.004	<0.0041	<0.0047	**0.0009 J**
	10 ft	<0.004	<0.0039	Not Sampled[1]	<0.0039
	20 ft	**0.0013 J**	<0.0039	<0.0039	<0.0041
	30 ft	<0.0039	<0.0039 / <0.004	<0.0044	<0.004 / <0.004

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-6	5 ft	**0.0018 J**	<0.0039	<0.0046	<0.0043
	10 ft	<0.0039	<0.004	<0.0042	<0.0041
	31.5 ft	**0.0039 J**	<0.004	<0.0036	<0.0044
	39 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-24	5 ft	Not Sampled[3]	<0.0039	<0.0047 / <0.0041	<0.0042
	10 ft	Not Sampled[3]	<0.0036	<0.0048	<0.004
	22 ft	Not Sampled[3]	<0.0037	<0.0044	<0.004 / <0.0042
	34 ft	Not Sampled[3]	<0.0035	<0.0045	<0.004

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-7	5 ft	**0.0015 J** / <0.0036	<0.0038	<0.0041	<0.0045
	13.5 ft	**0.024**	<0.0036	<0.0039	<0.0045
	29.5 ft	**0.0029 J**	<0.0036 / <0.0036	<0.0039 / <0.004	<0.0044
	38 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-54	5 ft	<0.0039	<0.0041	<0.0054	<0.0042 / **0.001 J**
	10 ft	<0.0039	<0.0039	<0.004	<0.0043
	20 ft	<0.0038	<0.0042	<0.0041	<0.004
	30 ft	<0.004	<0.0046	<0.0048	<0.0042

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-9	5 ft	**0.0012 J**	<0.004	<0.0038	<0.004
	11.5 ft	**0.048**	<0.0042	<0.004	**0.0015 J**
	25.5 ft	**0.0015 J / 0.0019 J**	<0.0044	<0.0039	<0.0037 / **0.0036 J**
	38.5 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-8	5 ft	<0.0036	<0.0039	<0.0044 / <0.0045	<0.0041
	9.5 ft	**0.024**	<0.0038	<0.0044	<0.004
	23.5 ft	<0.0041	<0.004	<0.0042	**0.002 J**
	35.5 ft	**0.0023 J** / <0.0039	<0.0038	<0.0043	<0.0041

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-53	5 ft	**0.0069**	<0.0038	<0.0045	<0.0041
	10 ft	<0.0041	<0.0044	<0.0038	<0.004
	20 ft	**0.002 J**	<0.0039	<0.004	**0.0011 J**
	30 ft	**0.0017 J**	<0.0038 / <0.0039	<0.0041 / <0.0042	<0.0043

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-19	5 ft	<0.004	<0.004	<0.0039	<0.0038 / <0.0038

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-18	8.5 ft	<0.004 / <0.004	<0.004 / <0.0041	<0.0047	<0.0038 / <0.0036

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
1ST STREET
RAND AVENUE
1986 APPROXIMATE BENZENE RELEASE SITE
BP
WEST PROPERTY

VMP-64, VMP-61, VMP-63, VMP-57, VMP-58, VMP-59, VMP-62, VMP-47, VMP-60, VMP-1, VMP-33, VMP-20, VMP-2, 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-50, VMP-22, VMP-4, VMP-28, VMP-36, VMP-44, VMP-37, VMP-23, VMP-5, VMP-51, VMP-45, VMP-6, VMP-38, VMP-52, VMP-24, VMP-7, VMP-39, VMP-54, VMP-8, VMP-53, VMP-9, VMP-40, VMP-18, VMP-19, VMP-10, VMP-11, VMP-12, VMP-41, VMP-29, VMP-17, VMP-30, VMP-13, VMP-55, VMP-14, VMP-25, VMP-15, VMP-16

NOTES:

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

LEGEND

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

0 200
SCALE FEET
N

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 60619901
AECOM	
DRN. BY: gds July 2020 DSGN. BY: djd CHKD. BY: smf	2Q20 Summary of Benzene Soil Vapor Analytical Results – Village of Roxana
	FIG. NO. 5

File: C:\USERS\POPAA\AECOM DIRECTORY\GDS GIS SERVICES – GIS CAD PROJECTS\DCS AMERICAS\SHELL\ILLINOIS\USF00666–900_S_CENTRAL_AVE–ROXANA–IL\ROXANA 2Q20 SV–SVE RPT\WORKSPACE\FIGURE 6 SUMMARY OF BENZENE SOIL VAPOR ANALYTICAL RESULTS (PUBLIC WORKS YARD).DWG Last edited: Jun. 24, 20 @ 10:40 AM
By: popaa

LEGEND

- VAPOR MONITORING POINT (VMP) LOCATION
- VMP LOCATION (NOT USED FOR QUARTERLY SAMPLING)
- BENZENE CONCENTRATION > SCREENING CRITERION (2.8 mg/m³), FOR INDUSTRIAL/COMMERCIAL.

NOTES:

1. NOT SAMPLED[1] = VMP SCREEN SUBMERGED BELOW WATER TABLE OR A TEMPORARY WATER CONDITION. NO SAMPLE COLLECTED.
2. NOT SAMPLED[2] = EFFECTIVE 2Q18 SAMPLES ARE NO LONGER COLLECTED AT VMP–25–31 DUE TO PORT INTEGRITY.
3. MULTIPLE RESULTS (e.g., 440/410) INDICATE DUPLICATE SAMPLES.
4. J = RESULT IS ESTIMATED
   < = NOT DETECTED AT INDICATED REPORTING LIMIT.
   DETECTED RESULTS AND ESTIMATED RESULTS ARE BOLD.

VMP-34 A–28 VMP-3 VMP-21 VMP-49 VMP-35 VMP-56 VMP-32 VMP-43 FOURTH ST VMP-27 VMP-26 A–27 VMP-22 VMP-50 VMP-4 VMP-28 NORTH PROPERTY VMP-36 FIFTH ST CHAFFER AVE VMP-44 HIGHWAY 111 (S. CENTRAL AVE) VMP-37 VMP-51 VMP-5 1ST STREET VMP-45 WOOD RIVER REFINERY SIXTH ST VILLAGE OF ROXANA VMP-38 VMP-6 VMP-52 SEVENTH ST VMP-7 VMP-39 VMP-54 VMP-9 VMP-8 VMP-53 VMP-40 VMP-18 VMP-19 EIGHTH ST VMP-41 VMP-10 VMP-17 VMP-12 VMP-11 VMP-29 VMP-13 VMP-55 VMP-30 PUBLIC WORKS YARD 1986 APPROXIMATE BENZENE RELEASE SITE RAND AVENUE VMP-25 VMP-14 VMP-15 VMP-16 MAIN PROPERTY 2ND STREET WEST PROPERTY

BP

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-11	5 ft	<0.004	<0.0038	<0.0045	**0.26**
	8 ft	<0.0037	<0.004	<0.0043	<0.0039
	29 ft	<0.0037	<0.0043	<0.0045	<0.0042 / **0.03**
	38 ft	<0.0038	<0.0038	<0.0044	<0.0038

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-10	5 ft	<0.0042	<0.0041	<0.0046	<0.004
	10 ft	<0.004	<0.0044	<0.0038	**0.022**
	20 ft	<0.0046	<0.0043	<0.0041	<0.0039
	30 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-41	10 ft	<0.0042	<0.004	<0.0041	<0.0038
	20 ft	<0.0042 / <0.0046	<0.004	<0.0043	**0.0013 J**
	26 ft	Not Sampled[1]	Not Sampled[1]	<0.0047 / <0.0045	<0.0045

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-29	10 ft	<0.0039	<0.0042	**0.0051**	<0.0037
	18 ft	**0.0037 J**	**0.0012 J**	<0.0048	<0.0036
	26 ft	**0.0069 J**	<0.0043	<0.0046	<0.0039 / <0.0039
	40 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-30	10 ft	<0.0039	<0.004	**0.015**	<0.0038
	18 ft	**0.0073**	**0.0032 J**	**0.0027 J**	**0.0016 J**
	26 ft	**0.017**	**0.0065 / 0.007**	**0.0073**	**0.0024 J**
	40 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-17	5 ft	<0.0039	<0.0041	<0.0044	<0.0045

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-25	5 ft	**0.011 / 0.015**	<0.004 / <0.004	**0.0015 J** / <0.004	**0.0085 / 0.0083**
	9.5 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]
	21 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]
	31 ft	Not Sampled[2]	Not Sampled[2]	Not Sampled[2]	Not Sampled[2]

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-55	5 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]
	10 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]
	20 ft	<0.026	Not Sampled[1]	<0.095	**0.0046 J**
	30 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-13	5 ft	**0.0018 J**	<0.0042	<0.0046 / <0.0046	<0.0039
	10.5 ft	<0.0039	<0.0041	<0.0047	**0.0012 J**
	21.5 ft	<0.0039	<0.0042	<0.0044	<0.0037
	29.5 ft	Not Sampled[1]	<0.0038	Not Sampled[1]	<0.0042

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-15	5 ft	**0.0022 J** / <0.0039	<0.0039	<0.0046	<0.0042
	21.5 ft	<0.029	<0.039	**0.00095 J**	**0.0029 J**
	25.5 ft	Not Sampled[1]	Not Sampled[1]	**0.0075 J**	**0.01 J**
	29 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-14	5 ft	**0.0017 J** / <0.004	<0.0041	<0.0046	<0.0037
	11.5 ft	<0.004	<0.0045	<0.0041	<0.0038
	20 ft	**0.0016 J**	**0.0015 J**	Not Sampled[1]	**0.0037 J**
	29 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

0 200 SCALE FEET N

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

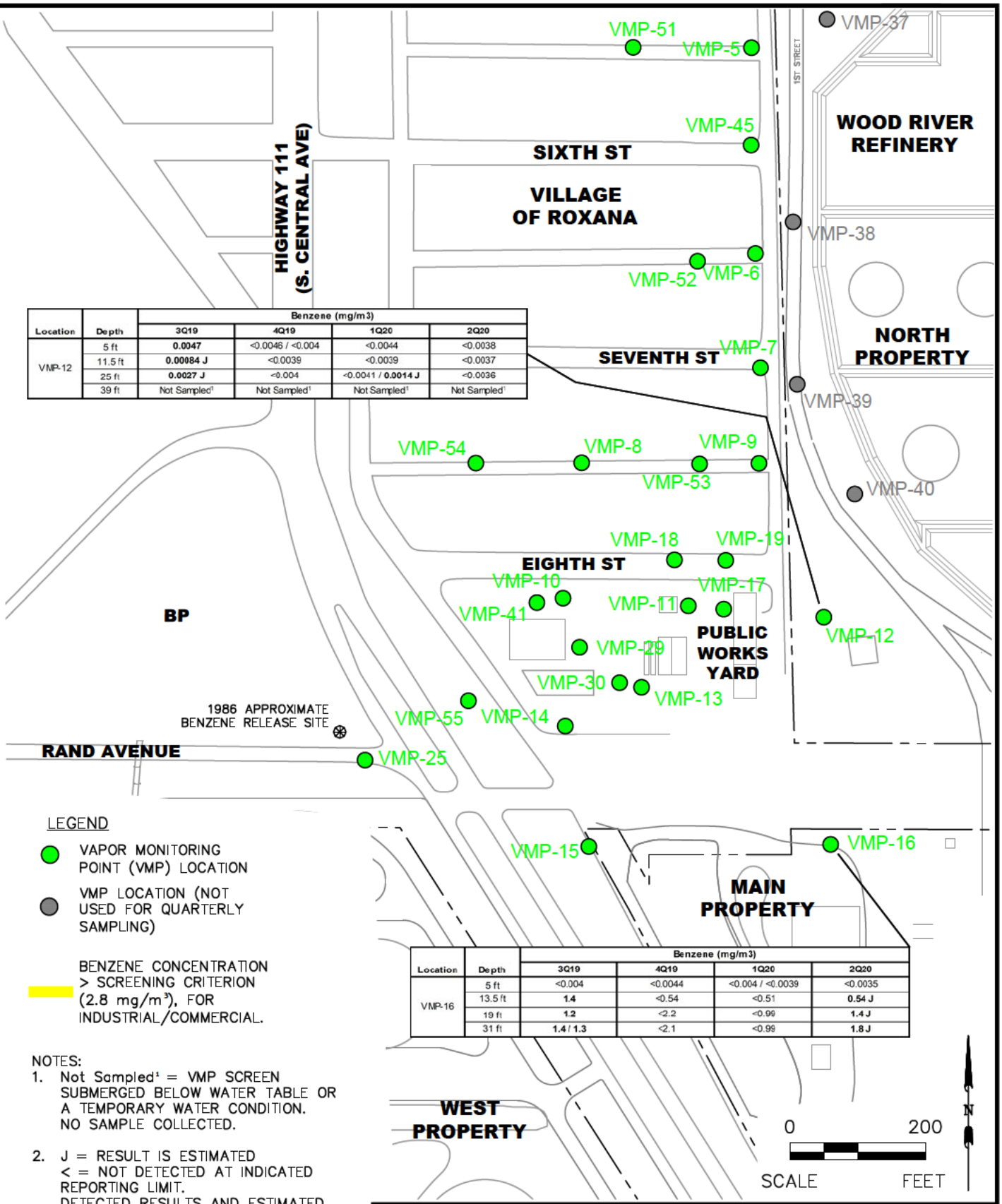
PROJECT NO. 60619901

AECOM

DRN. BY: gds July 2020
DSGN. BY: djd
CHKD. BY: smf

2Q20 Summary of Benzene Soil Vapor Analytical Results– Roxana Public Works Yard Area

FIG. NO. 6



Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-12	5 ft	**0.0047**	<0.0046 / <0.004	<0.0044	<0.0038
	11.5 ft	**0.00084 J**	<0.0039	<0.0039	<0.0037
	25 ft	**0.0027 J**	<0.004	<0.0041 / **0.0014 J**	<0.0036
	39 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 3Q19	4Q19	1Q20	2Q20
VMP-16	5 ft	<0.004	<0.0044	<0.004 / <0.0039	<0.0035
	13.5 ft	**1.4**	<0.54	<0.51	**0.54 J**
	19 ft	**1.2**	<2.2	<0.99	**1.4 J**
	31 ft	**1.4 / 1.3**	<2.1	<0.99	**1.8 J**

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. 60619901

AECOM

DRN. BY: gds July 2020
DSGN. BY: djd
CHKD. BY: smf

2Q20 Summary of Benzene Soil Vapor Analytical Results – WRR

FIG. NO. 7

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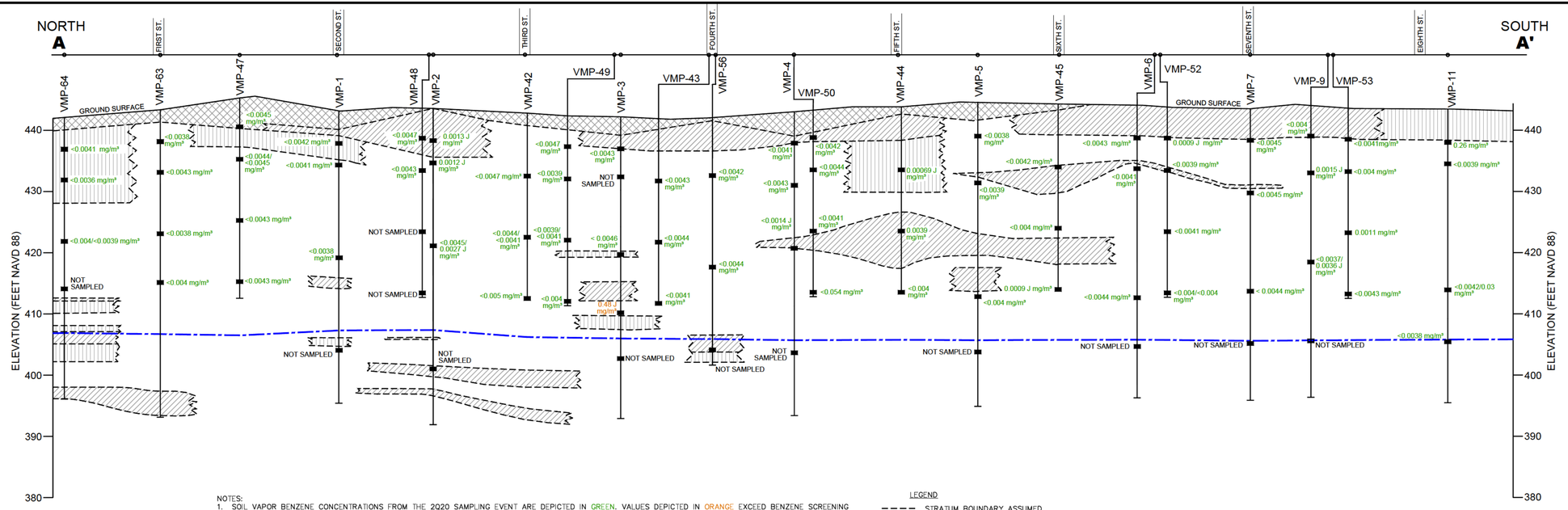
By: popma



NOTES:

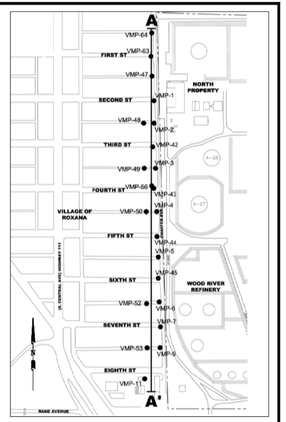
1. SOIL VAPOR BENZENE CONCENTRATIONS FROM THE 2020 SAMPLING EVENT ARE DEPICTED IN GREEN. VALUES DEPICTED IN ORANGE EXCEED BENZENE SCREENING CRITERION (0.37 mg/m³ FOR VMP 1–9, 32, AND 42–45, 47–50, 52, 53, 56, 63, AND 64 [RESIDENTIAL] AND 2.8 mg/m³ FOR VMP–11 [COMMERCIAL/INDUSTRIAL]).
2. GROUNDWATER ELEVATIONS SHOWN ON THIS CROSS–SECTION ARE BASED ON GROUNDWATER GAUGING DATA COLLECTED APRIL 1–3, 2020.
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

0 10
VERTICAL SCALE FEET

0 100
APPROXIMATE HORIZONTAL SCALE FEET



KEYMAP
NOT TO SCALE

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 60619901
AECOM		
DRN. BY: gds July 2020 DSGN. BY: cjd CHKD. BY: smf	2020 Cross–Section with Benzene Soil Vapor Analytical Results – Chaffer Avenue	FIG. NO. 8

File: C:\USERS\POPAA\AECOM DIRECTORY\GDS GIS SERVICES - GIS CAD PROJECTS\DCS AMERICAS\SHELL\ILLINOIS\USF00666-900_S CENTRAL AVE-ROXANA-IL\ROXANA 2020 SV-SVE RPT\WORKSPACE\FIGURE 9 SUMMARY OF SOIL VAPOR BENZENE-5FT BGS.DWG Last edited: Jun. 22, 20 @ 4:31 PM by: popaa

LEGEND

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

NOTES:

1. IMAGES GENERATED UTILIZING CTECH MINING VISUALIZATION SYSTEM MODELING SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF THE MEASURED DATA.
2. THE LOWEST CONCENTRATION CONTOUR REPRESENTS THE SCREENING CRITERION FOR RESIDENTIAL PROPERTIES (0.37 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-26 VMP-27 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-39 VMP-24 VMP-7 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
BP
NORTH PROPERTY
WOOD RIVER REFINERY
VILLAGE OF ROXANA
PUBLIC WORKS YARD
WEST PROPERTY
MAIN PROPERTY
A-28
A-27

0 200
SCALE FEET
N

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

PROJECT NO. 60619901

AECOM

DRN. BY: gds July 2020
DSGN. BY: djd/jd
CHKD. BY: smf

2Q20 Benzene Soil Vapor Distribution – 5 ft bgs

FIG. NO. 9

File: C:\USERS\POPAA\AECOM DIRECTORY\GDS GIS SERVICES – GIS CAD PROJECTS\DCS AMERICAS\SHELL\ILLINOIS\USF00666-900_S_CENTRAL_AVE-ROXANA-IL\ROXANA 2020 SV-SVE RPT\WORKSPACE\FIGURE 10 SUMMARY OF SOIL VAPOR BENZENE 10FT BGS.DWG Last edited: Jun. 22, 20 @ 4:33 PM by: popaa

LEGEND

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

NOTES:

1. IMAGES GENERATED UTILIZING CTECH MINING VISUALIZATION SYSTEM MODELING SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF THE MEASURED DATA.
2. THE LOWEST CONCENTRATION CONTOUR REPRESENTS THE SCREENING CRITERION FOR RESIDENTIAL PROPERTIES (0.37 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-21 VMP-49 VMP-3 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-39 VMP-24 VMP-7 VMP-8 VMP-9 VMP-54 VMP-53 VMP-40 VMP-18 VMP-19 VMP-41 VMP-11 VMP-12 VMP-10 VMP-17 VMP-29 VMP-55 VMP-30 VMP-13 VMP-14 VMP-25 VMP-15 VMP-16

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

0 200
SCALE FEET
N

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 60619901
AECOM	
DRN. BY: gds July 2020 DSGN. BY: djd/jd CHKD. BY: smf	2Q20 Benzene Soil Vapor Distribution – 10 ft bgs
	FIG. NO. 10

File: C:\USERS\POPAA\AECOM DIRECTORY\GDS GIS SERVICES - GIS CAD PROJECTS\DCS AMERICAS\SHELL\ILUNOIS\USFD0666-900_S CENTRAL AVE-ROXANA-IL\ROXANA 2020 SV-SVE RPT\WORKSPACE\FIGURE 11 SUMMARY OF SOIL VAPOR BENZENE 25FT BGS.DWG Last edited: Jun. 22, 20 @ 4:35 PM by: popaa

LEGEND

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

NOTES:

1. IMAGES GENERATED UTILIZING CTECH MINING VISUALIZATION SYSTEM MODELING SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF THE MEASURED DATA.
2. THE LOWEST CONCENTRATION CONTOUR REPRESENTS THE SCREENING CRITERION FOR RESIDENTIAL PROPERTIES (0.37 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.

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
2ND STREET
VILLAGE OF ROXANA
PUBLIC WORKS YARD
NORTH PROPERTY
WOOD RIVER REFINERY
MAIN PROPERTY
WEST PROPERTY
BP
RAND AVENUE
1986 APPROXIMATE BENZENE RELEASE SITE
A-28
A-27

VMP-64, VMP-61, VMP-63, VMP-57, VMP-47, VMP-58, VMP-62, VMP-59, VMP-60, VMP-1, VMP-20, VMP-2, VMP-48, VMP-33, 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-23, VMP-51, VMP-5, VMP-37, VMP-45, VMP-38, VMP-6, VMP-52, VMP-24, VMP-7, VMP-39, VMP-54, VMP-8, VMP-9, VMP-53, VMP-40, VMP-18, VMP-19, VMP-41, VMP-10, VMP-11, VMP-12, VMP-17, VMP-29, VMP-55, VMP-30, VMP-13, VMP-14, VMP-25, VMP-15, VMP-16

0.37
1.0

0 200
SCALE FEET
N

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 60619901
AECOM		
DRN. BY: gds July 2020 DSGN. BY: djd/jd CHKD. BY: smf	2Q20 Benzene Soil Vapor Distribution – 25 ft bgs	FIG. NO. 11

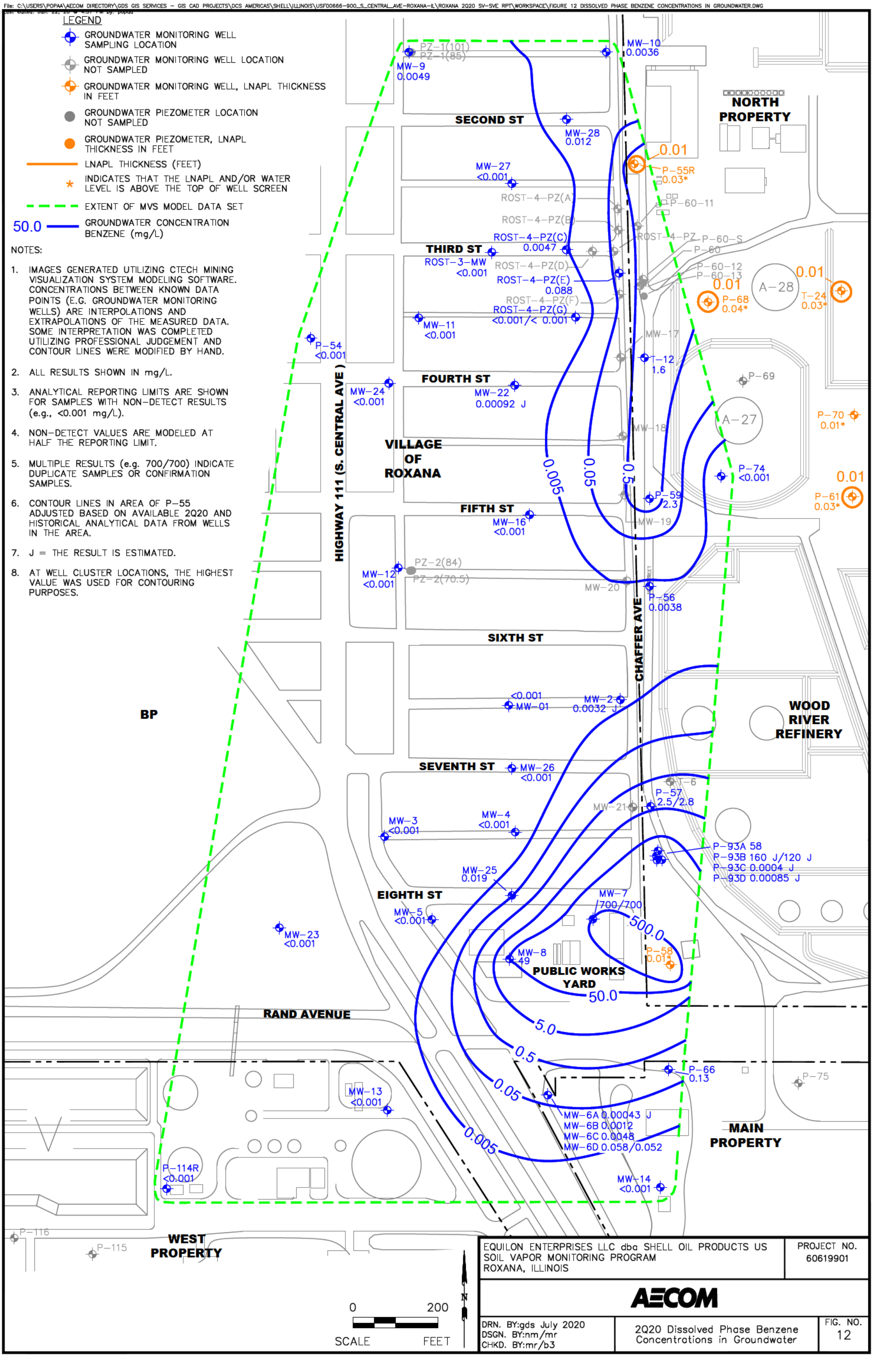
File: C:\USERS\POPAA\AECOM DIRECTORY\GDS GIS SERVICES – GIS CAD PROJECTS\DCS AMERICAS\SHELL\ILLINOIS\USF00666-900_S_CENTRAL_AVE-ROXANA-IL\ROXANA 2Q20 SV-SVE RPT\WORKSPACE\FIGURE 12 DISSOLVED PHASE BENZENE CONCENTRATIONS IN GROUNDWATER.DWG
Last Edited: Jan. 22, 20 @ 4:57 PM By: popaa

LEGEND

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

NOTES:

1. IMAGES GENERATED UTILIZING CTECH MINING VISUALIZATION SYSTEM MODELING SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. GROUNDWATER MONITORING WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF THE MEASURED DATA. SOME INTERPRETATION WAS COMPLETED UTILIZING PROFESSIONAL JUDGEMENT AND CONTOUR LINES WERE MODIFIED BY HAND.
2. ALL RESULTS SHOWN IN mg/L.
3. ANALYTICAL REPORTING LIMITS ARE SHOWN FOR SAMPLES WITH NON-DETECT RESULTS (e.g., <0.001 mg/L).
4. NON-DETECT VALUES ARE MODELED AT HALF THE REPORTING LIMIT.
5. MULTIPLE RESULTS (e.g. 700/700) INDICATE DUPLICATE SAMPLES OR CONFIRMATION SAMPLES.
6. CONTOUR LINES IN AREA OF P-55 ADJUSTED BASED ON AVAILABLE 2Q20 AND HISTORICAL ANALYTICAL DATA FROM WELLS IN THE AREA.
7. J = THE RESULT IS ESTIMATED.
8. AT WELL CLUSTER LOCATIONS, THE HIGHEST VALUE WAS USED FOR CONTOURING PURPOSES.



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

PROJECT NO. 60619901

AECOM

DRN. BY:gds July 2020
DSGN. BY:nm/mr
CHKD. BY:mr/b3

2Q20 Dissolved Phase Benzene Concentrations in Groundwater

FIG. NO. 12

File: C:\USERS\POPAA\AECOM DIRECTORY\GDS GIS SERVICES – GIS CAD PROJECTS\DCS AMERICAS\SHELL\ILLINOIS\USF00666–900_S_CENTRAL_AVE–ROXANA–IL\ROXANA 2Q20 SV–SVE RPT\WORKSPACE\FIGURE 13 THICKNESS OF LNAPL (WEST FENCLINE).DWG Last edited: Jun. 22, 20 @ 4:40 PM by: popaa

LEGEND

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

NOTE:
1. THIS MAP DEPICTS THE ESTIMATED EXTENT AND THICKNESS OF LNAPL BENEATH THE WEST FENCELINE AREA. REFER TO TABLE 1 FOR GROUNDWATER GAUGING INFORMATION.
2. LNAPL THICKNESS WAS MEASURED DURING THE COMPREHENSIVE GROUNDWATER MONITORING GAUGING EVENT ON APRIL 1–3, 2020.

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

P–84A P–84B P–84C P–84D
T–13 T–1 T–2
MW–9 MW–10
ROST–4–PZ(A) MW–28 ROST–4–PZ(B) ROST–4–PZ(D) MW–27 ROST–4–PZ(C) ROST–3–MW ROST–4–PZ ROST–4–PZ(E) ROST–4–PZ(F) ROST–4–PZ(G)
0.01 P–55R 0.03*
P–54 MW–11 MW–17 MW–24 MW–22 MW–18 MW–19 MW–16 MW–12 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 MW–6 MW–14
P–60 P–69 P–74 P–59 P–56 P–57 P–93A P–93B P–93C P–93D P–58 0.01* P–66 P–75 P–117 P–114R P–116 P–115 P–119
R–77 W–77 0.01 T–24 0.03* A–33
0.01 P–68 0.04* A–28
0.01 P–62 0.02* A–27
W–85 P–70 0.01*
0.01 P–61 0.03* R–78 W–78
R–79 W–79
P–71 S–1 0.01 R–80 W–80 P–73 P–72 R–89 W–89
T–12 T–6 T–7 P–67 0.01*
R–81 W–81

0 300
SCALE FEET
N

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 60619901
AECOM	
DRN. BY:gds July 2020 DSGN. BY:mr CHKD. BY:wmp\b3	2Q20 Thickness of LNAPL – West Fenceline
	FIG. NO. 13

File: C:\USERS\POPAA\AECOM DIRECTORY\GDS GIS SERVICES – GIS CAD PROJECTS\DCS AMERICAS\SHELL\ILLINOIS\USF00666–900_S_CENTRAL_AVE–ROXANA–IL\ROXANA 2Q20 SV–SVE RPT\WORKSPACE\FIGURE 14 SVE SYSTEM LAYOUT.DWG Last edited: Jun. 22, 20 @ 4:46
By: popaa

TYDEMAN AVE
FIRST ST
SECOND ST
THIRD ST
FOURTH ST
FIFTH ST
SIXTH ST
SEVENTH ST
EIGHTH ST
RAND AVENUE
(S. CENTRAL AVE) HIGHWAY 111
CHAFFER AVE
1ST STREET
2ND STREET
3RD STREET

VILLAGE OF ROXANA
WOOD RIVER REFINERY
NORTH PROPERTY
WEST PROPERTY
MAIN PROPERTY
PUBLIC WORKS PROPERTY
A–28
A–27

VMP-64 VMP-61 SVE-41 VMP-57 VMP-63 SVE-40 VMP-58 VMP-47 VMP-62 VMP-59 SVE-39 VMP-60 SVE-38 VMP-1 SVE-5 VMP-33 SVE-37 VMP-20 VMP-48 VMP-2 SVE-6 VMP-46 SVE-28 SVE-7 VMP-42 VMP-34 SVE-29 SVE-8 VMP-49 VMP-3 VMP-21 SVE-43 SVE-42 SVE-30 VMP-35 SVE-3R SVE-45 SVE-9 VMP-56 SVE-44 SVE-31 VMP-32 VMP-43 SVE-4 SVE-25 SVE-10 SVE-46 VMP-27 VMP-26 SVE-1 SVE-47 SVE-32 VMP-50 VMP-4 VMP-22 SVE-11 VMP-28 VMP-36 SVE-33 SVE-12 VMP-44 SVE-34 SVE-13 VMP-37 VMP-23 VMP-5 VMP-51 SVE-35 SVE-14 VMP-45 SVE-15 VMP-38 VMP-6 VMP-52 SVE-16 SVE-17 VMP-7 VMP-24 VMP-39 SVE-18 VMP-54 VMP-8 VMP-53 VMP-9 VMP-40 SVE-19 NEW CONEX ABOVE GROUND STORAGE TANKS RTO CONEX VMP-18 VMP-19 SVE-22 SVE-23 VMP-10 SVE-36 SVE-20 VMP-41 VMP-11 VMP-17 SVE-21 VMP-12 SVE-2 VMP-29 VMP-30 VMP-13 VMP-55 SVE-24 SVE-26 SVE-27 1986 APPROXIMATE BENZENE RELEASE SITE VMP-14 VMP-25 VMP-15 VMP-16

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

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

PROJECT NO. 60619901

AECOM

DRN. BY: gds July 2020
DSGN. BY: djd
CHKD. BY: smf

SVE System Layout

FIG. NO. 14

Appendix A
Site Background and Regulatory History

APPENDIX A
SITE BACKGROUND AND REGULATORY HISTORY

Soil Vapor Sampling

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.

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.

During a meeting with IEPA on November 5, 2019, the IEPA requested information regarding the operation of the SVE system, including a description of procedures for opening and closing SVE wells, an overview of SVE system monitoring programs, and a figure depicting operating SVE wells. On November 20, 2019 AECOM provided the requested information via email, including a figure depicting the SVE wells operating as of November 13, 2019.

SVE System

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.

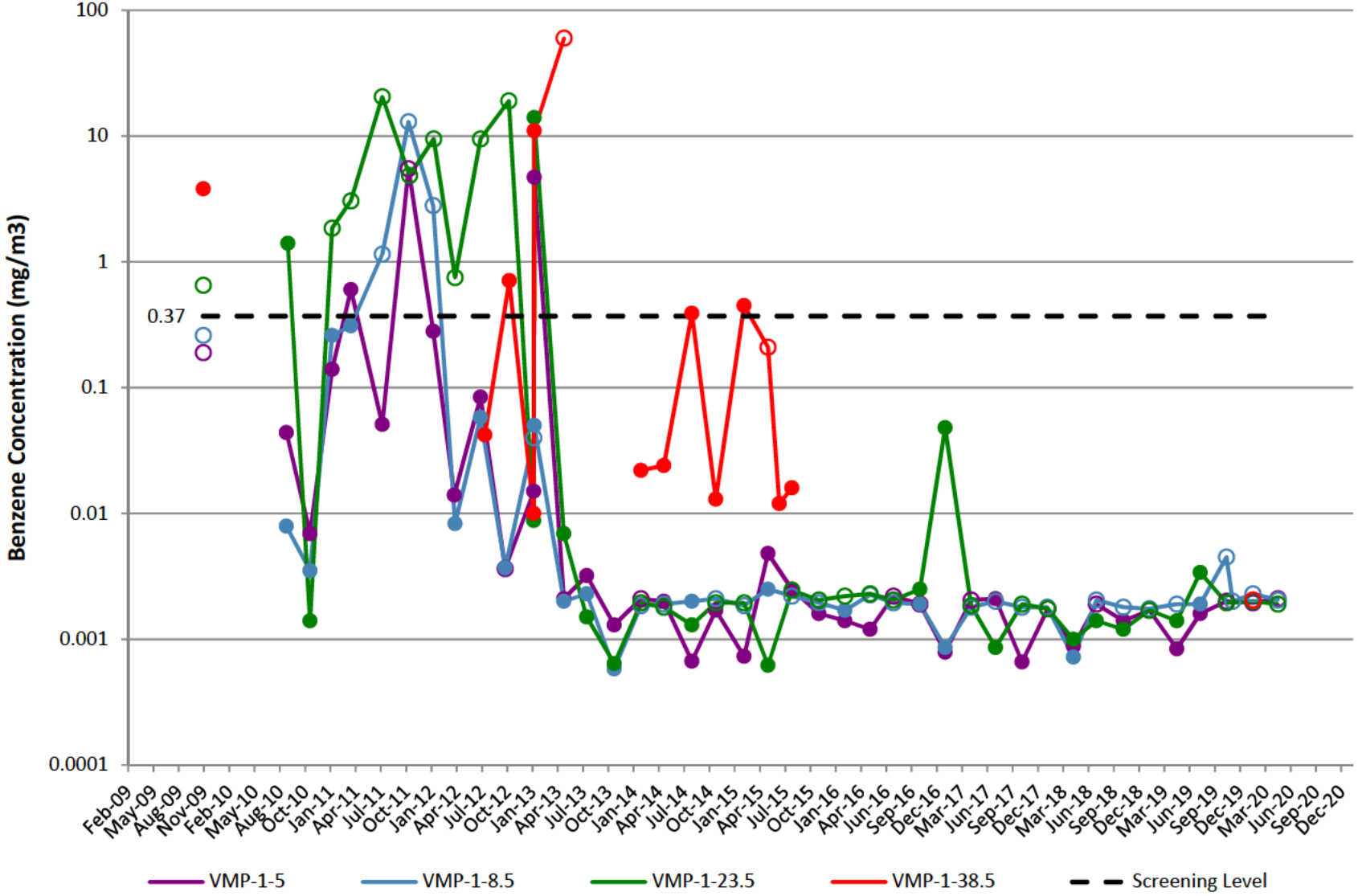
During 3Q13, URS designed an extension to the northernmost extent of the WFL portion of the SVE system. Five additional SVE wells (SVE wells 37 through 41) and six additional VMPs (VMPs 56 through 61) were installed in August 2013 for extension of the red header line, which was completed in October 2013. 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 (URS, 2015).

Appendix B
Benzene and Methane Charts

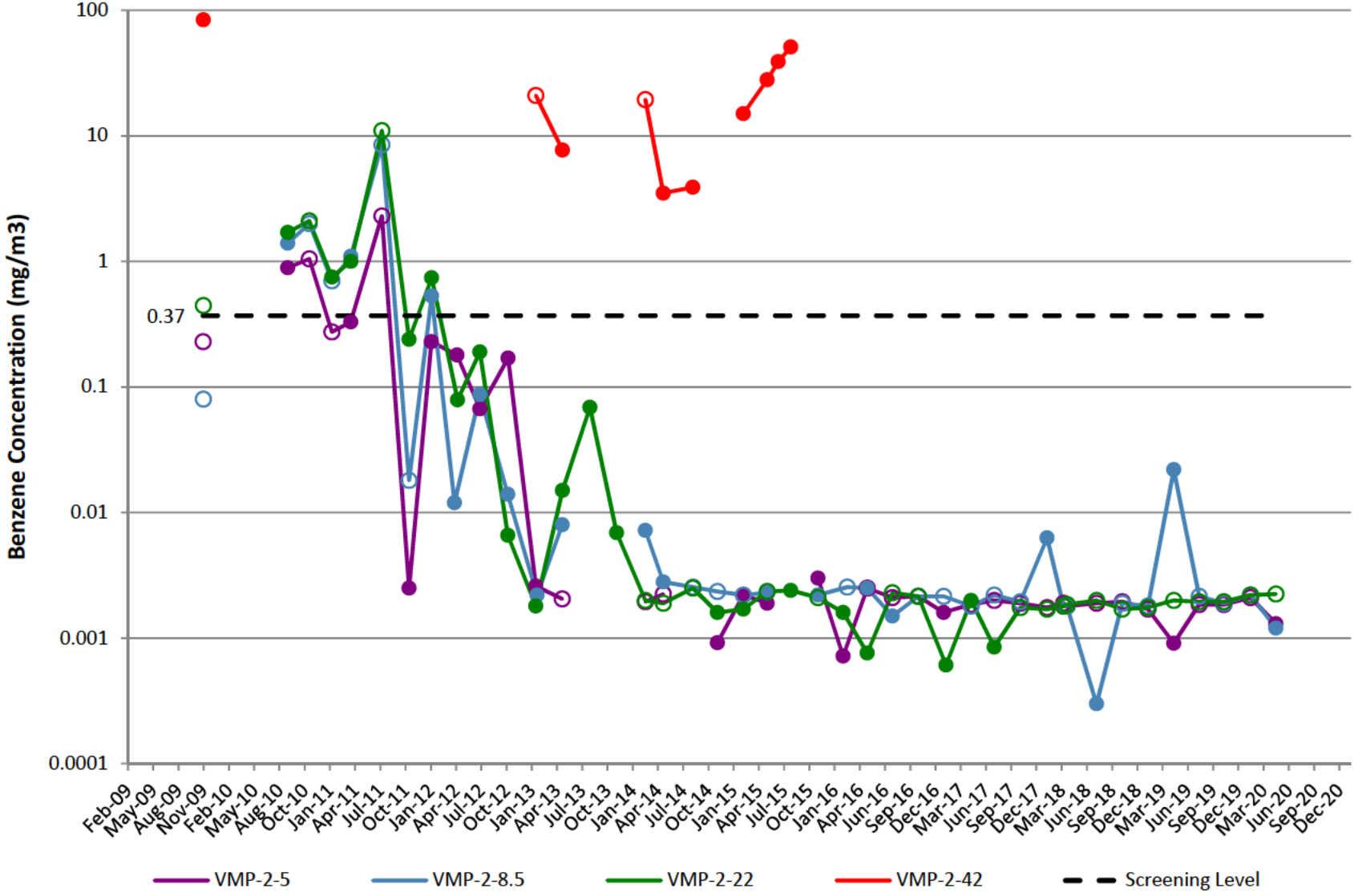
VMP-1

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.



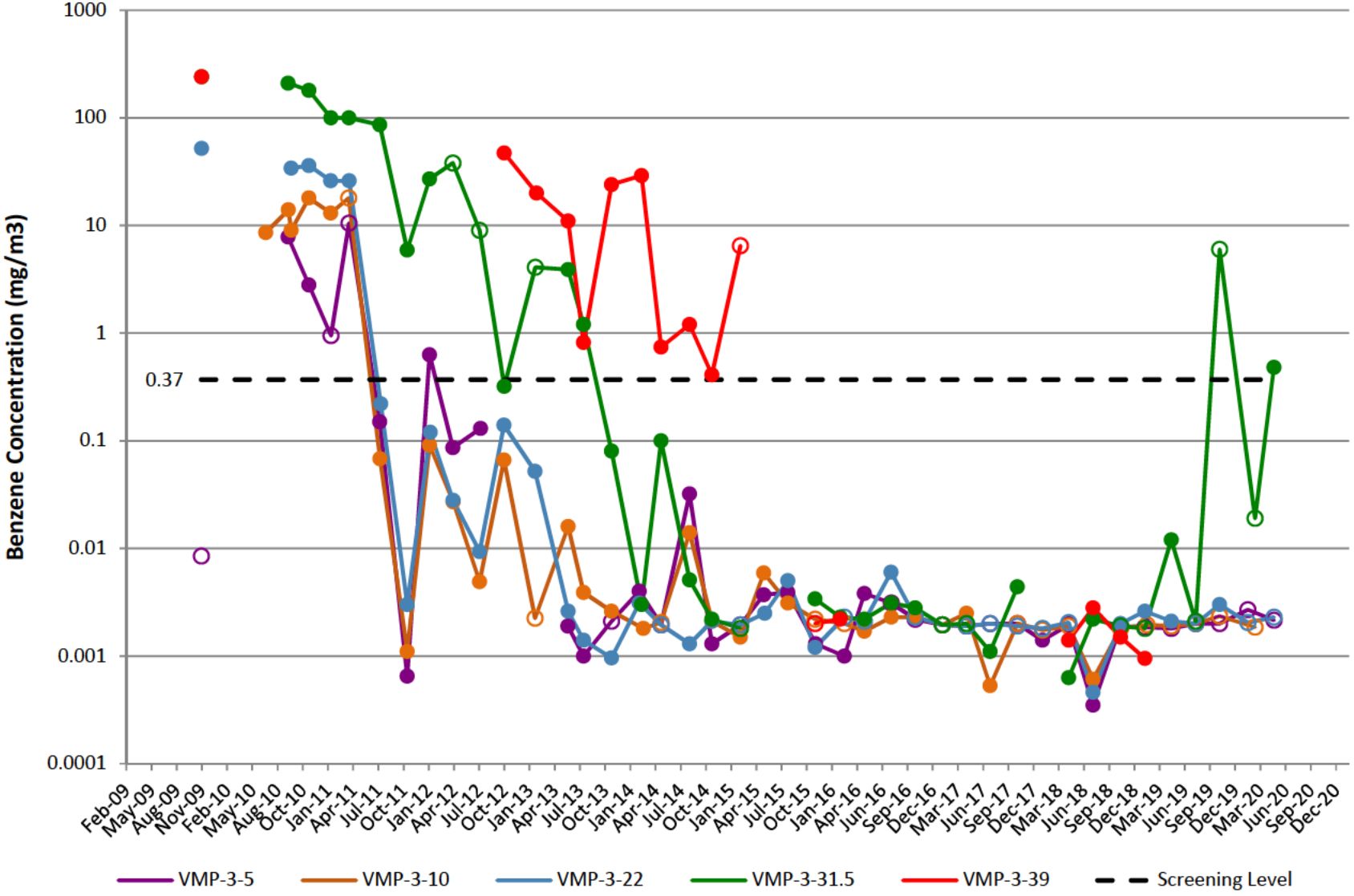
VMP-2

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.



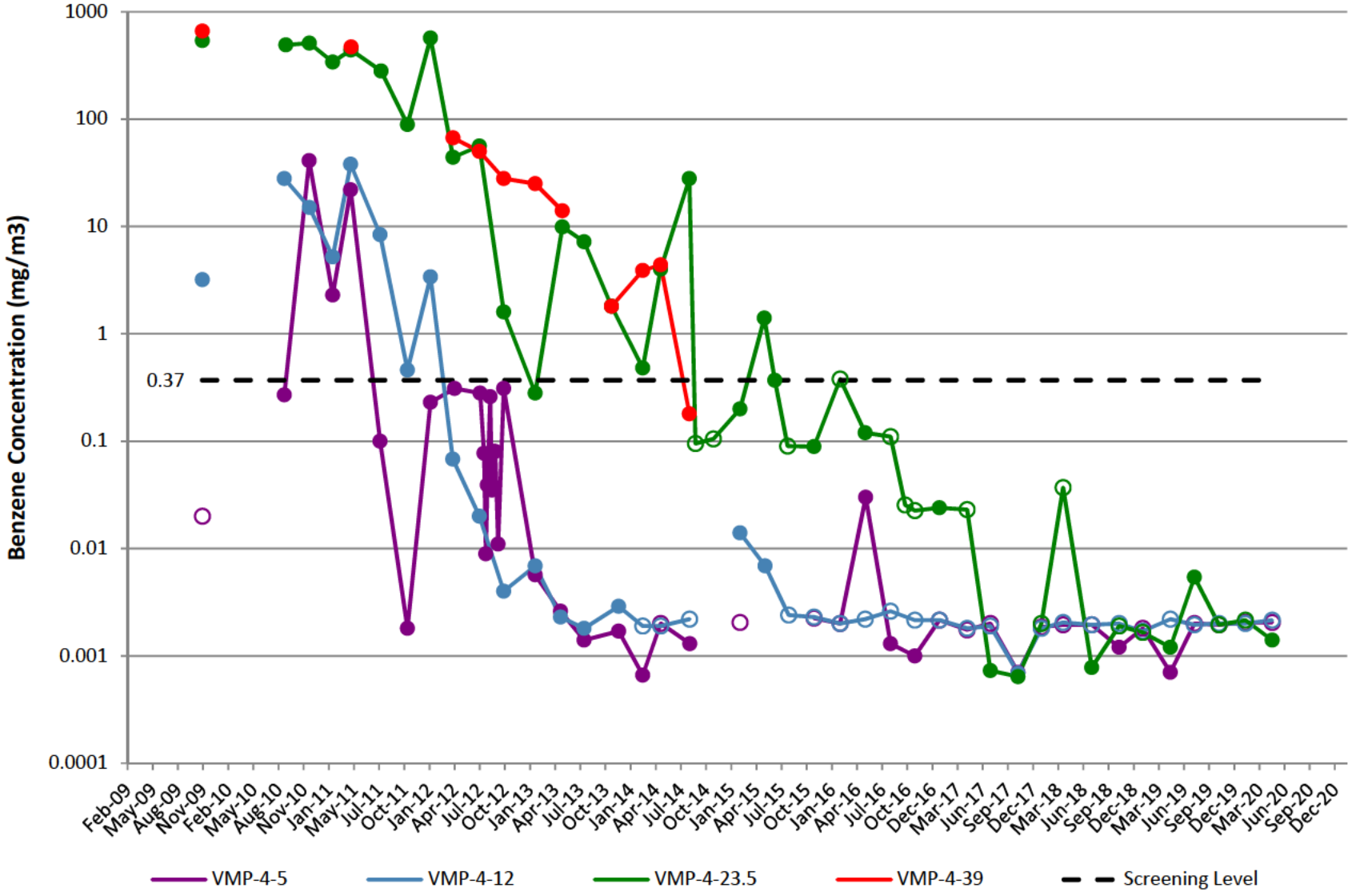
VMP-3

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.



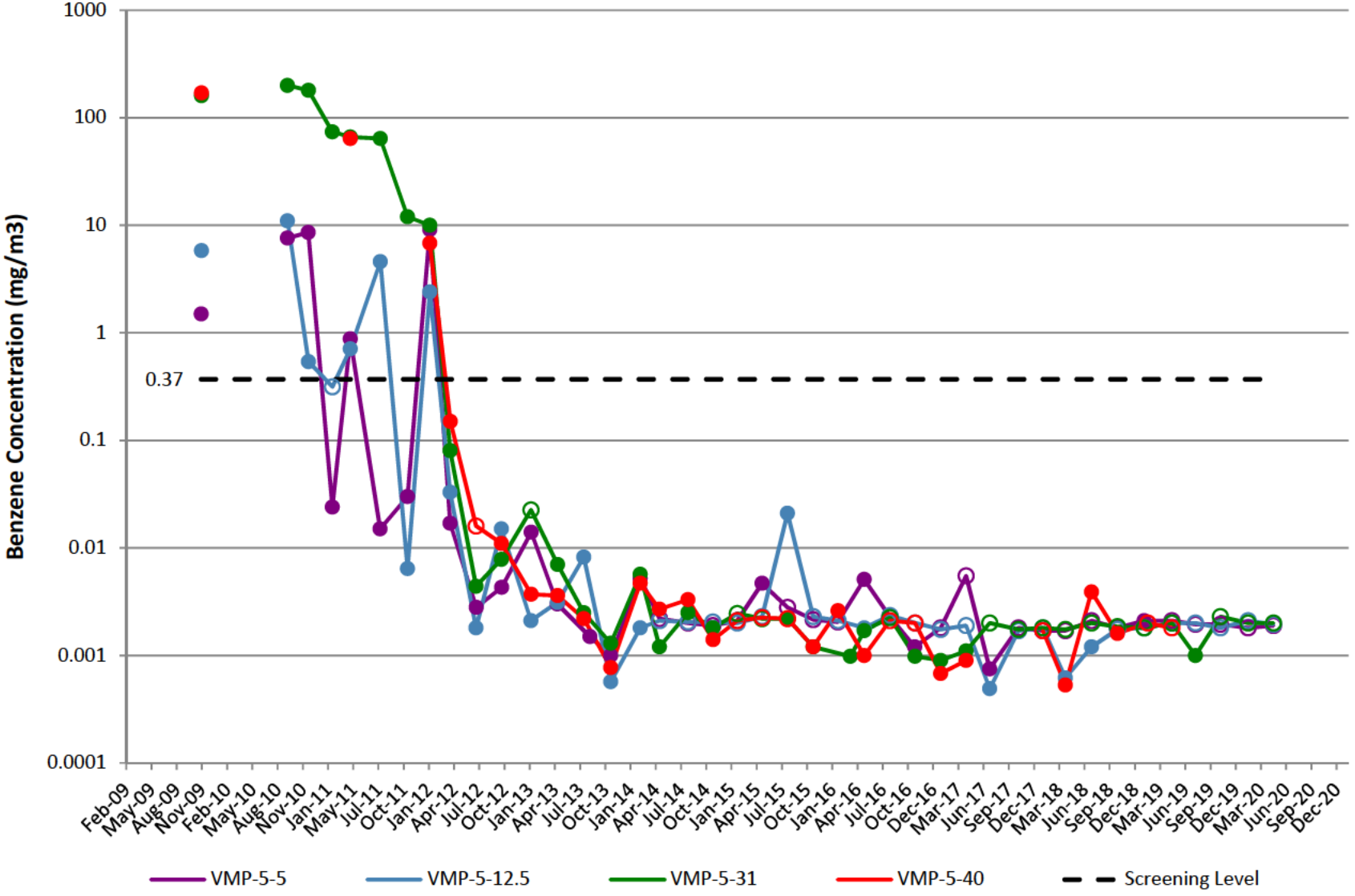
VMP-4

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.



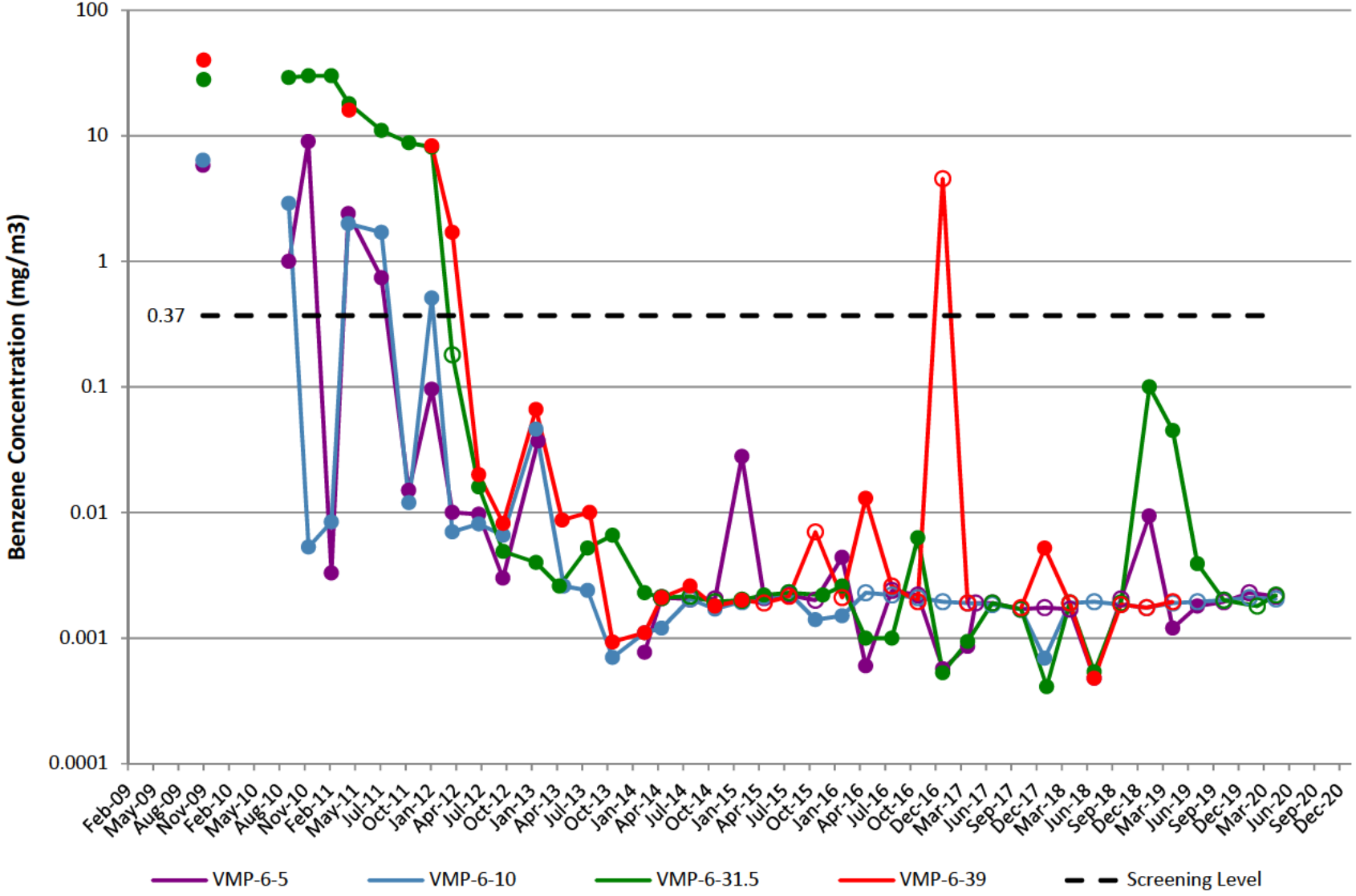
VMP-5

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.



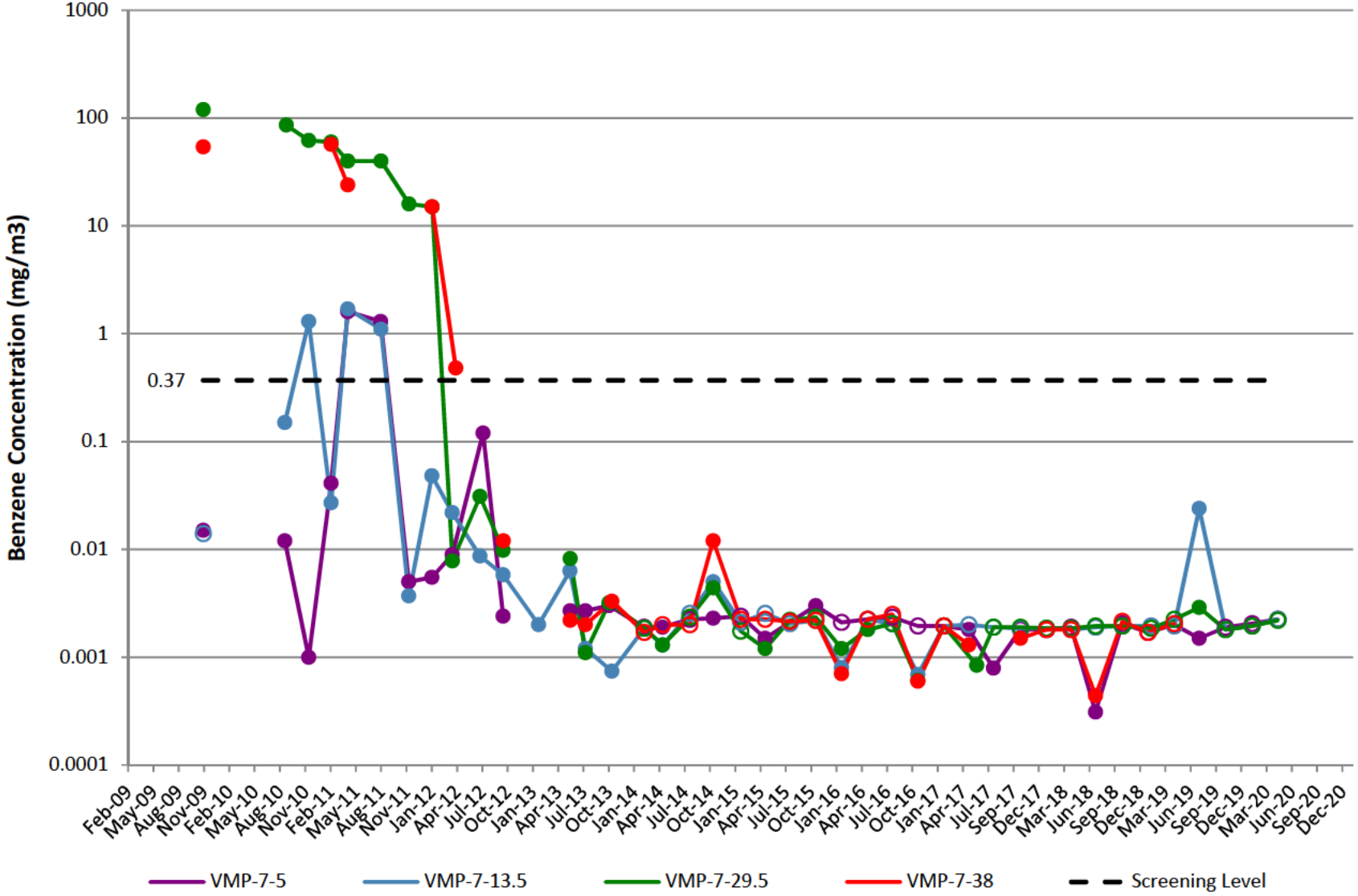
VMP-6

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.



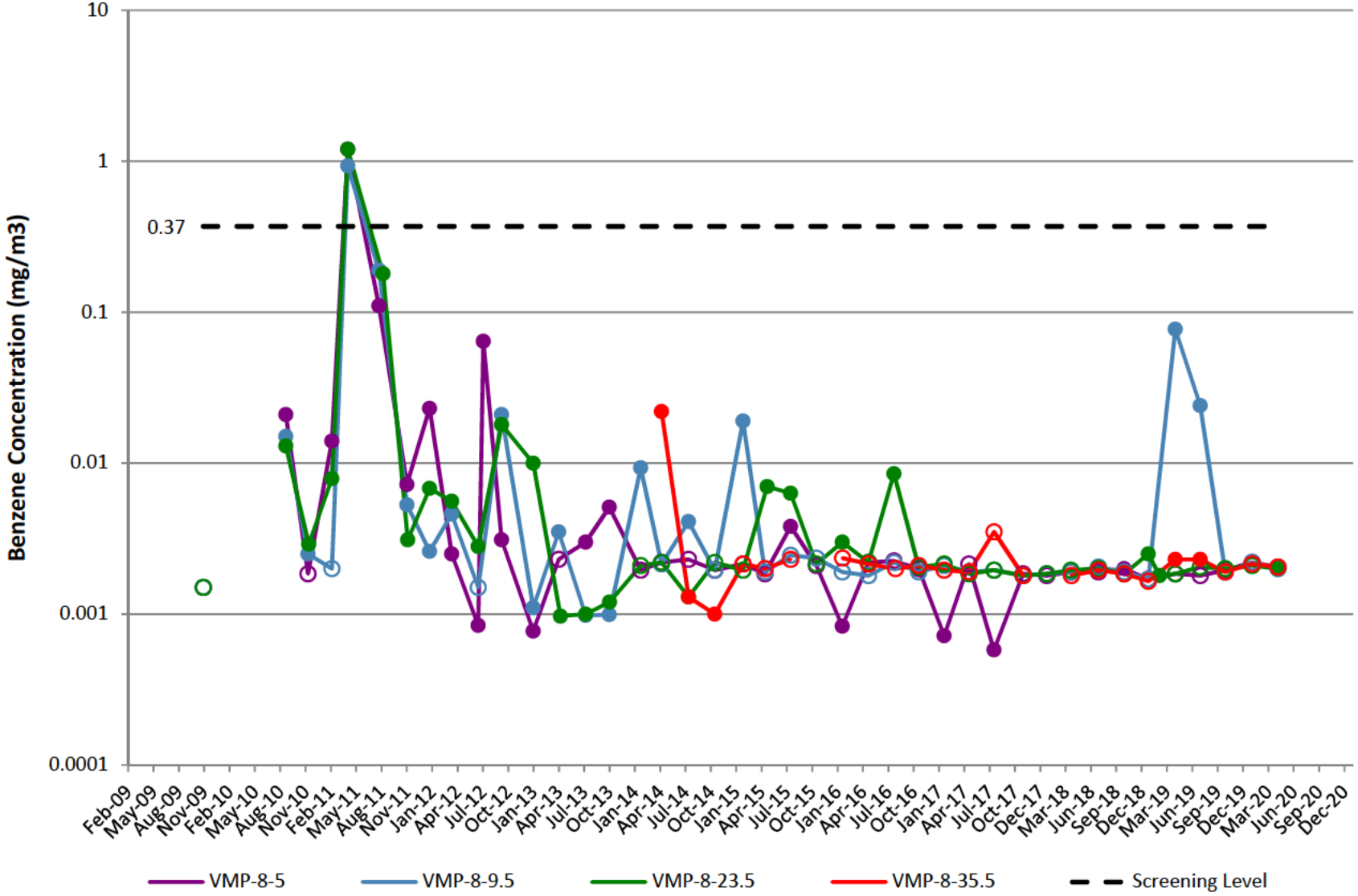
VMP-7

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.



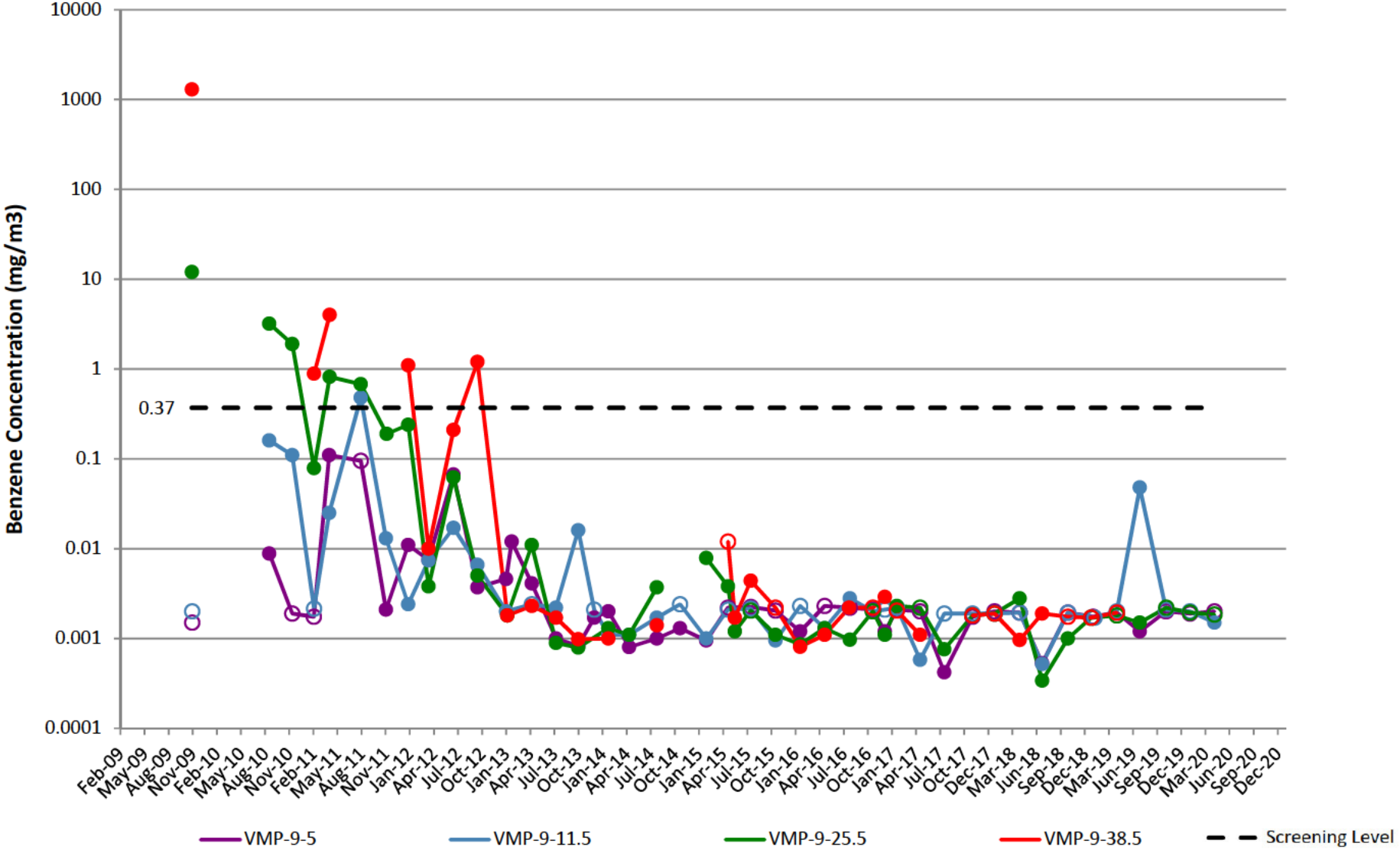
VMP-8

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.



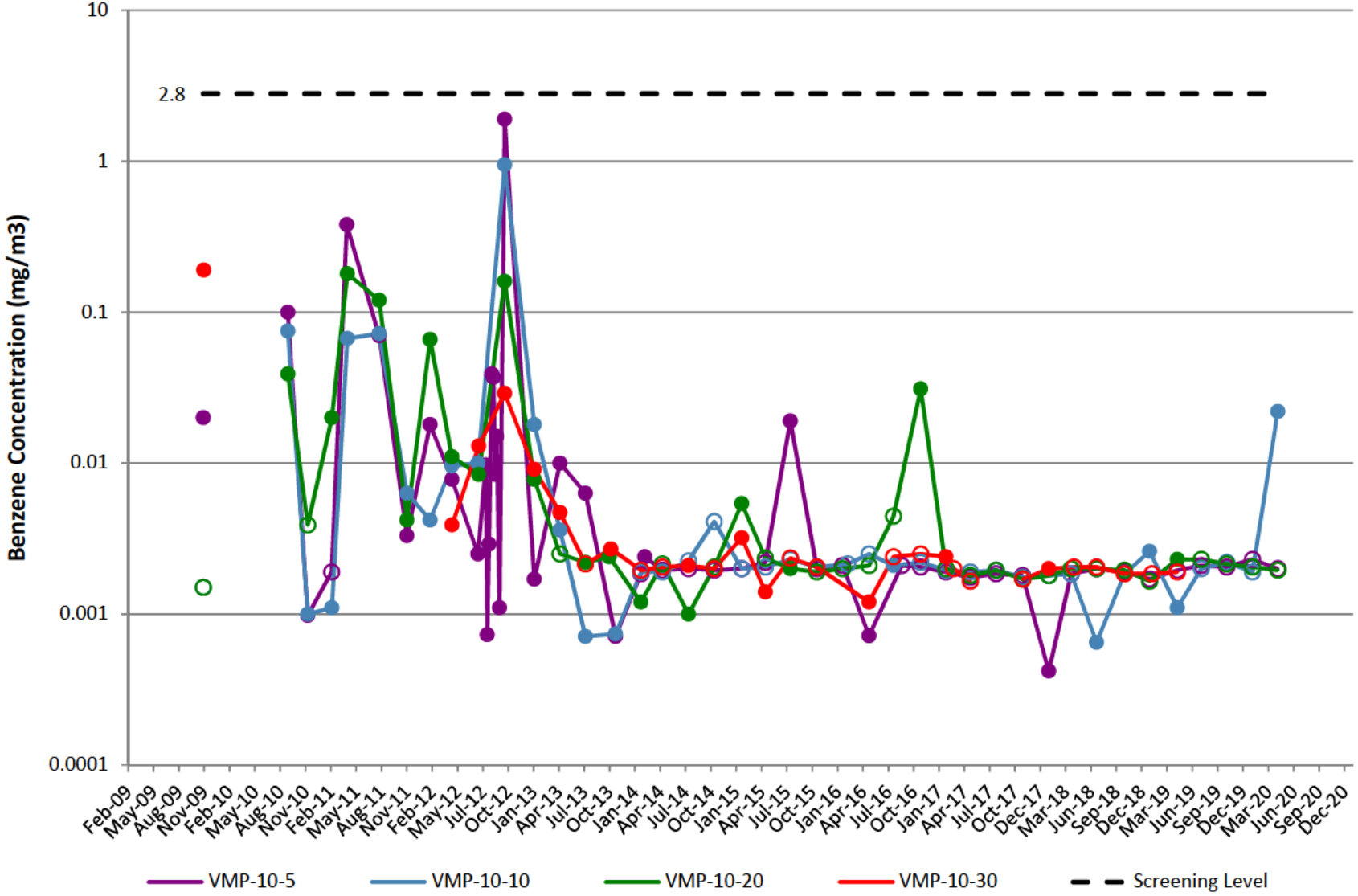
VMP-9

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.



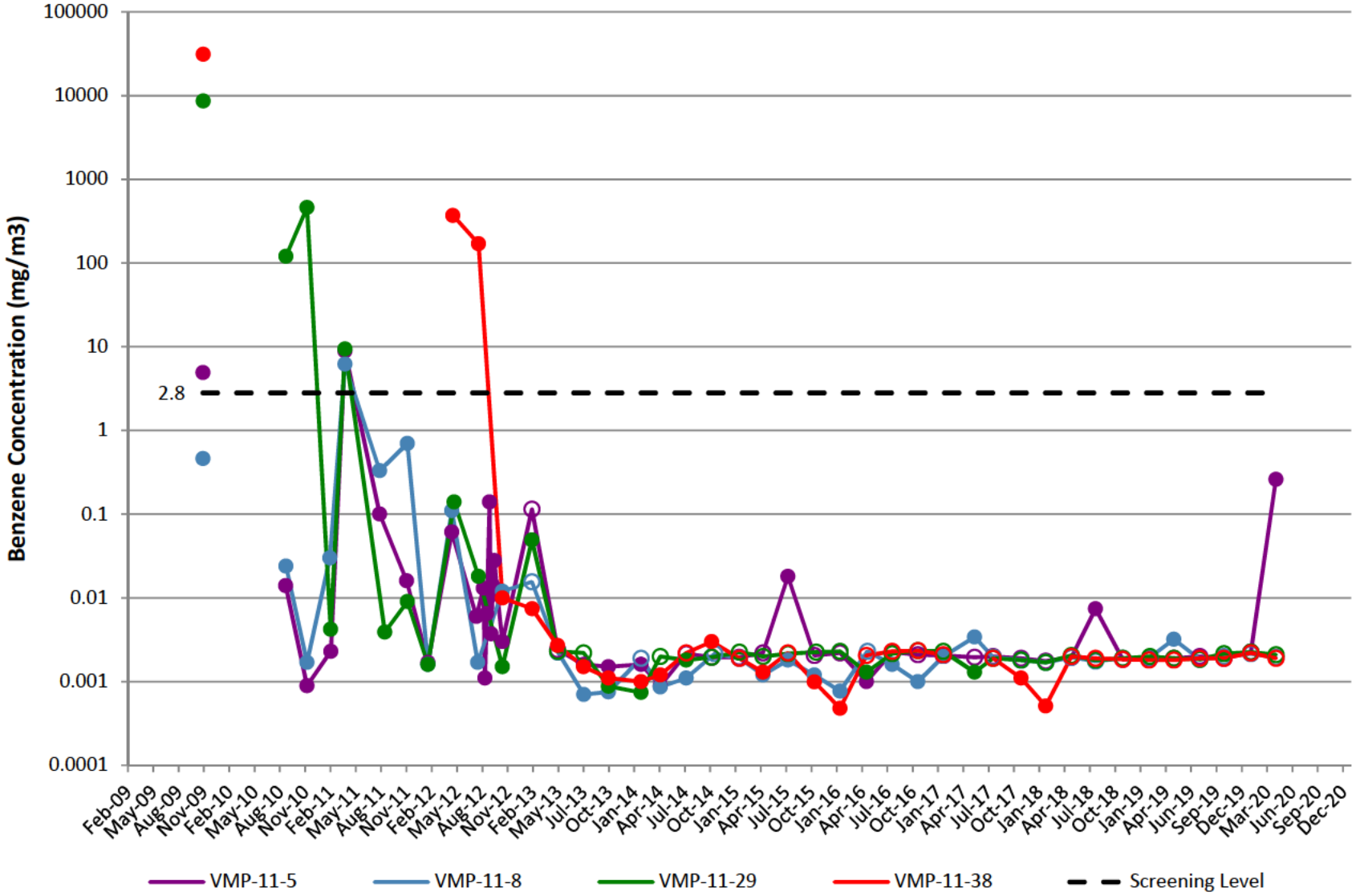
VMP-10

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.



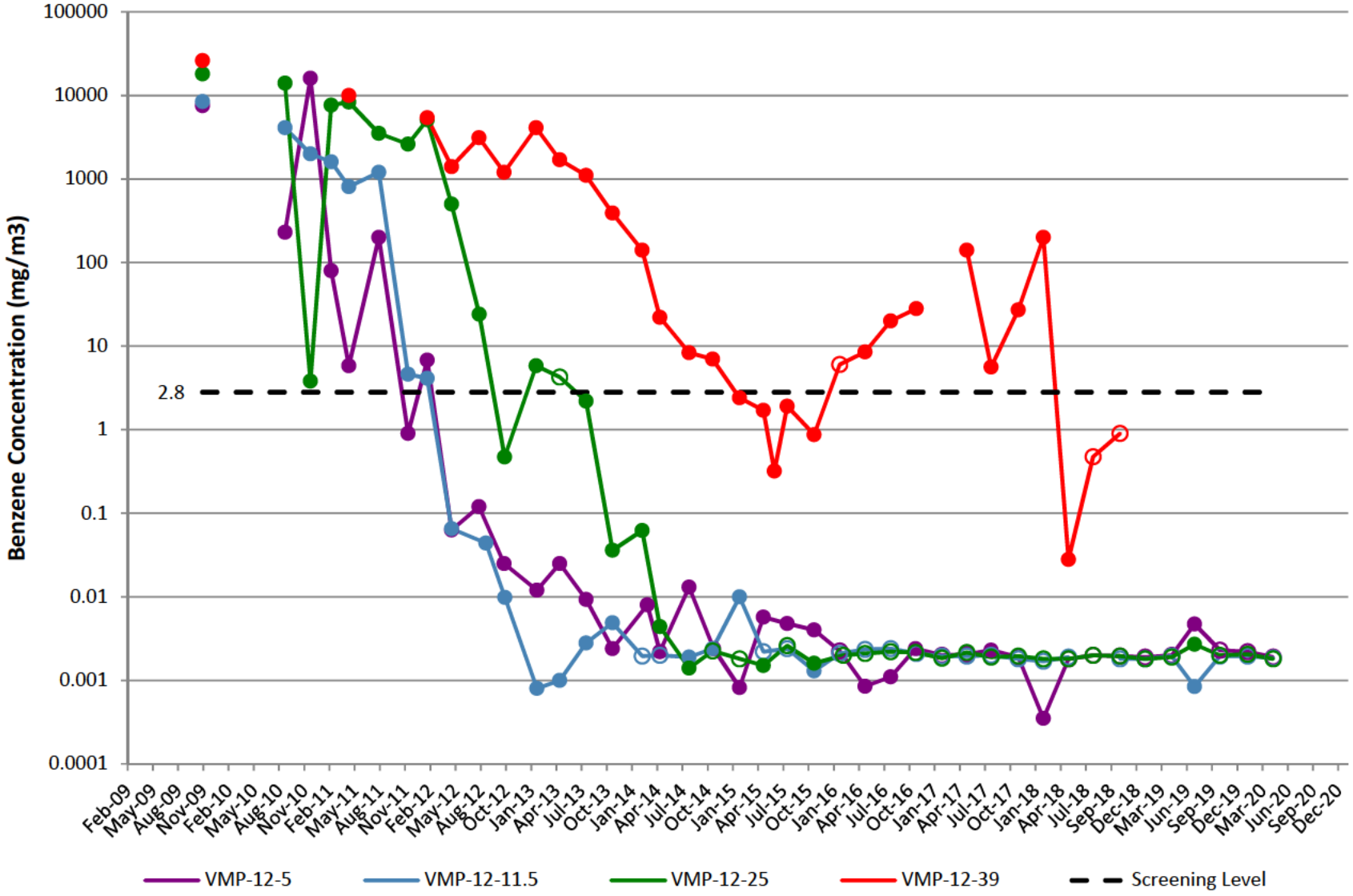
VMP-11

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.



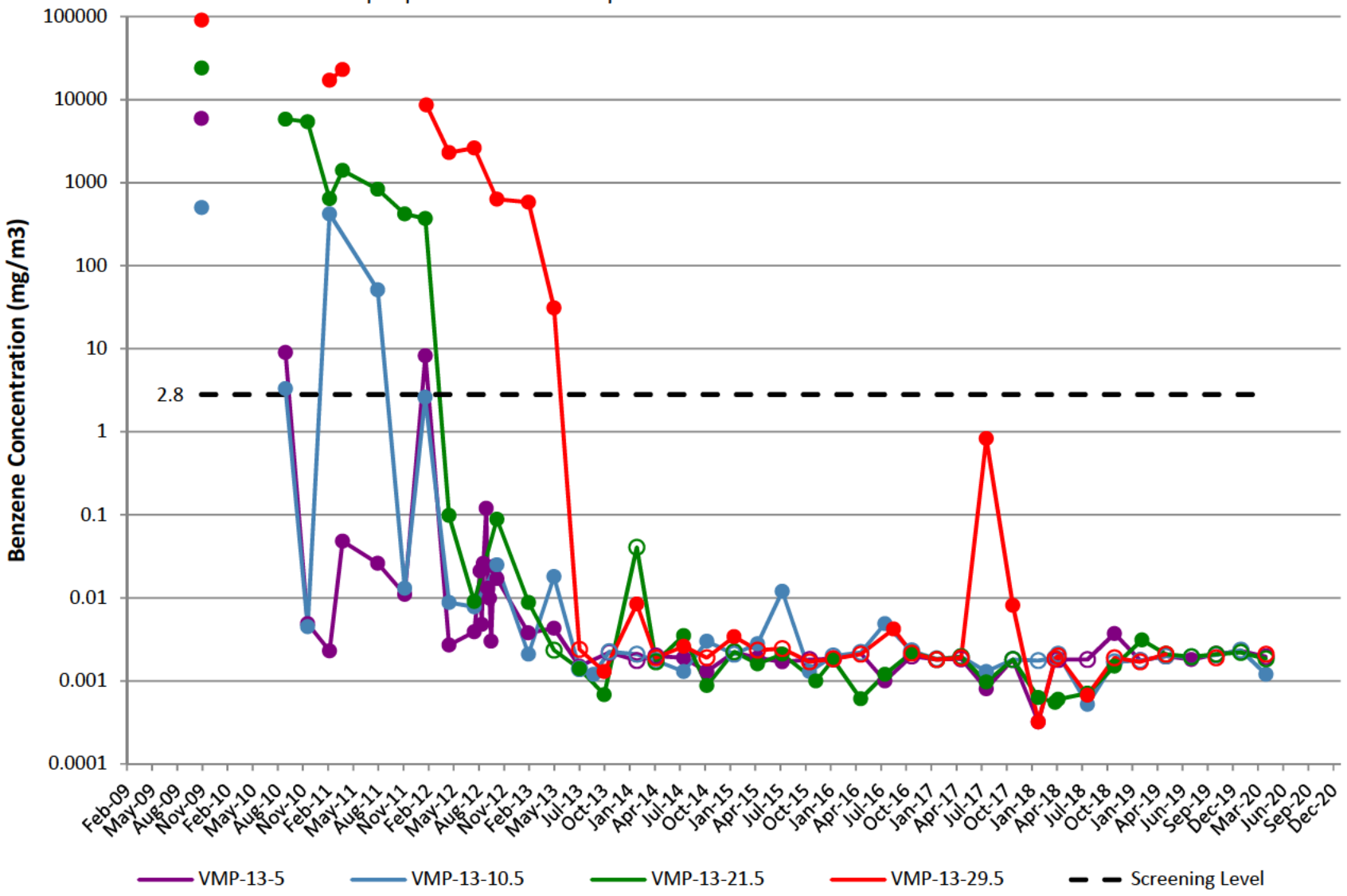
VMP-12

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.



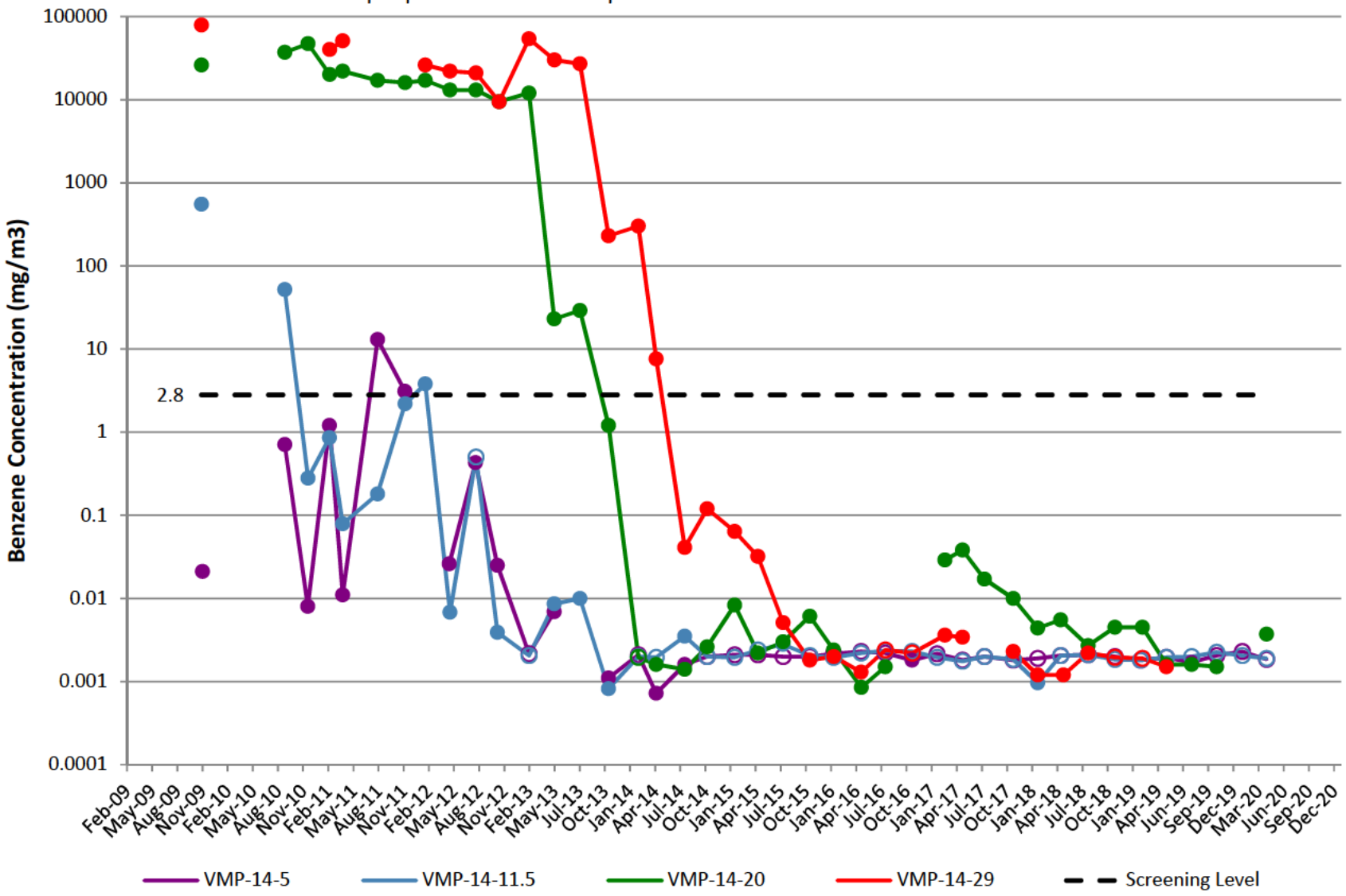
VMP-13

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.



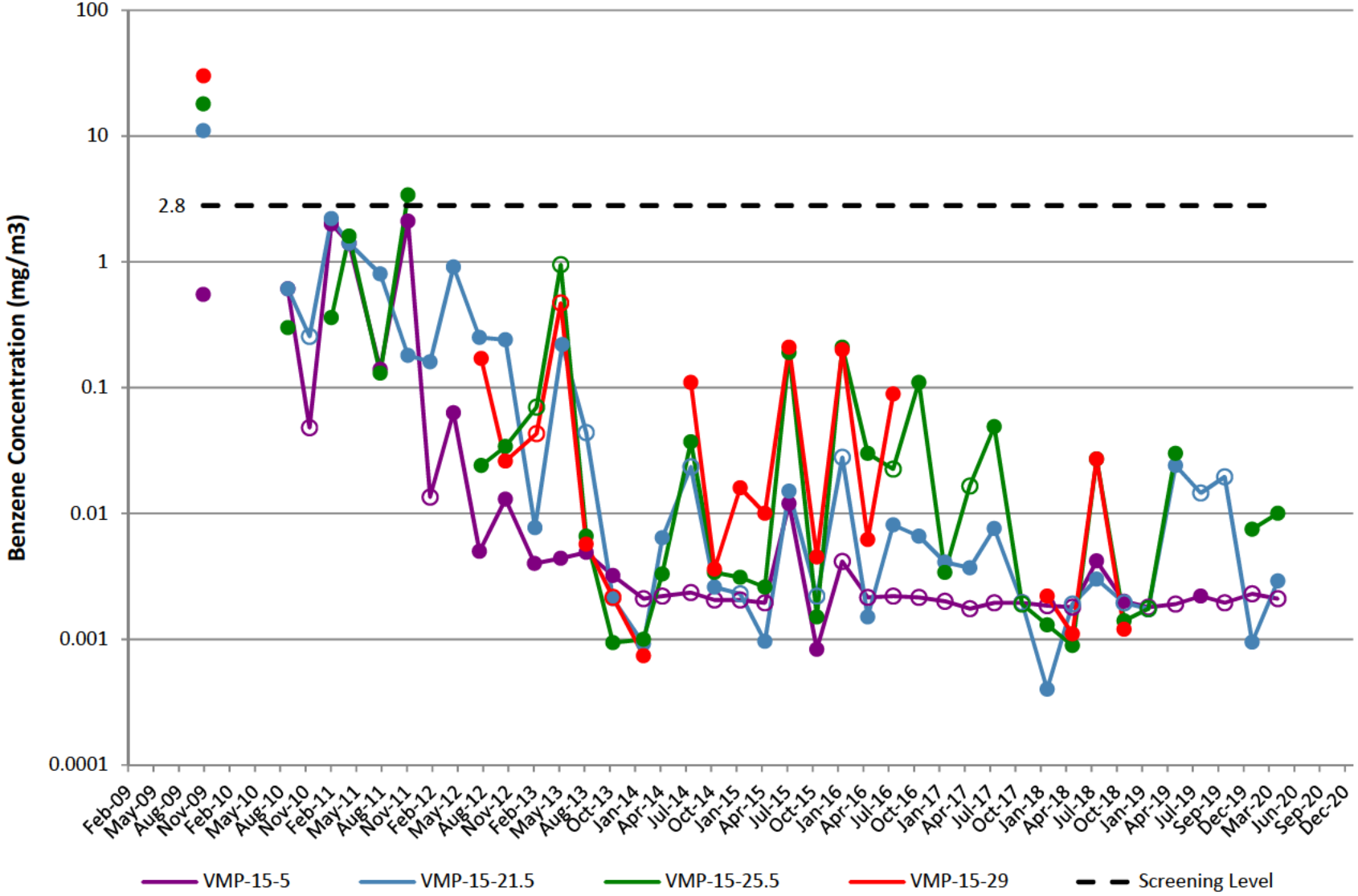
VMP-14

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.



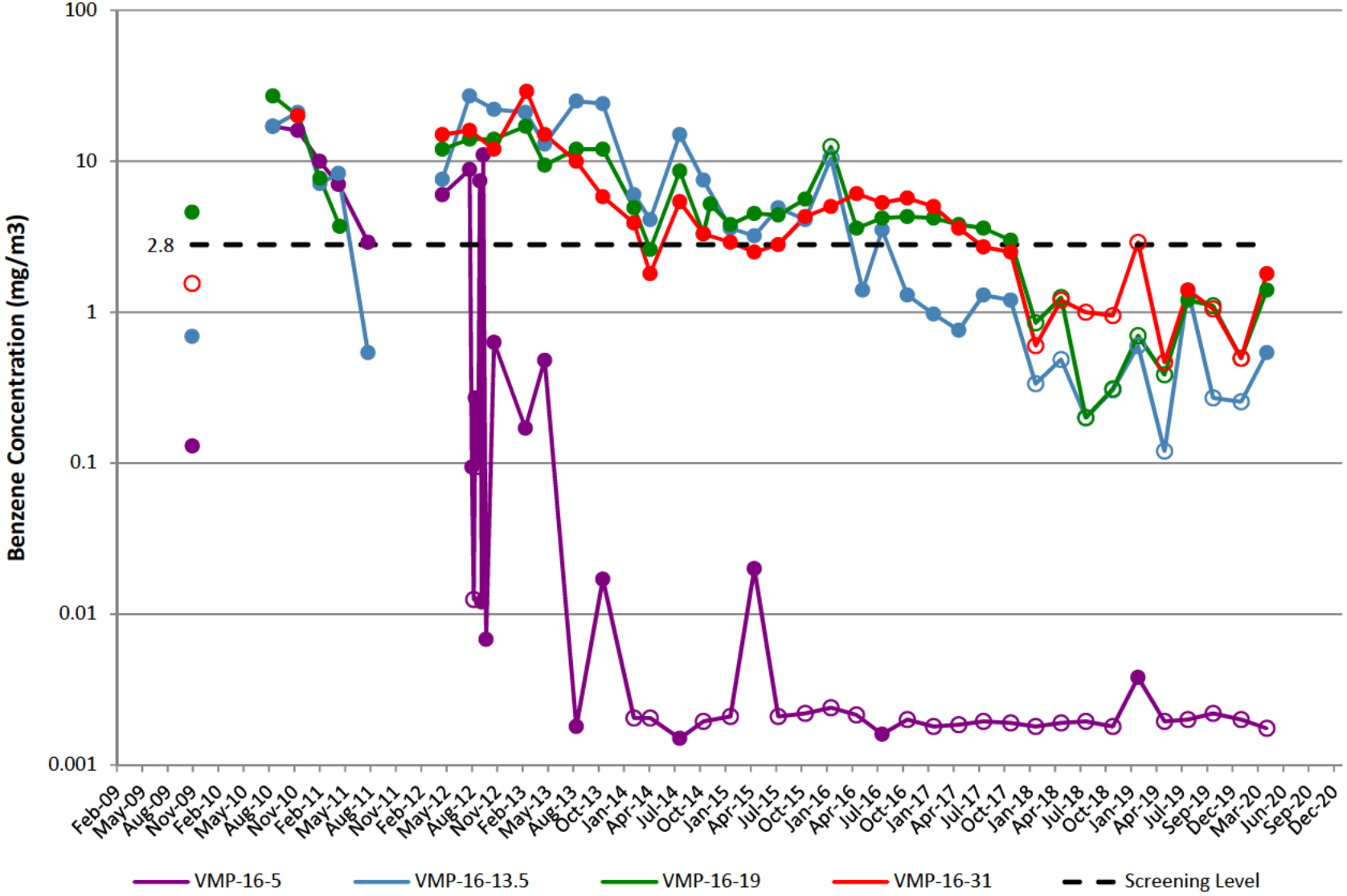
VMP-15

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.



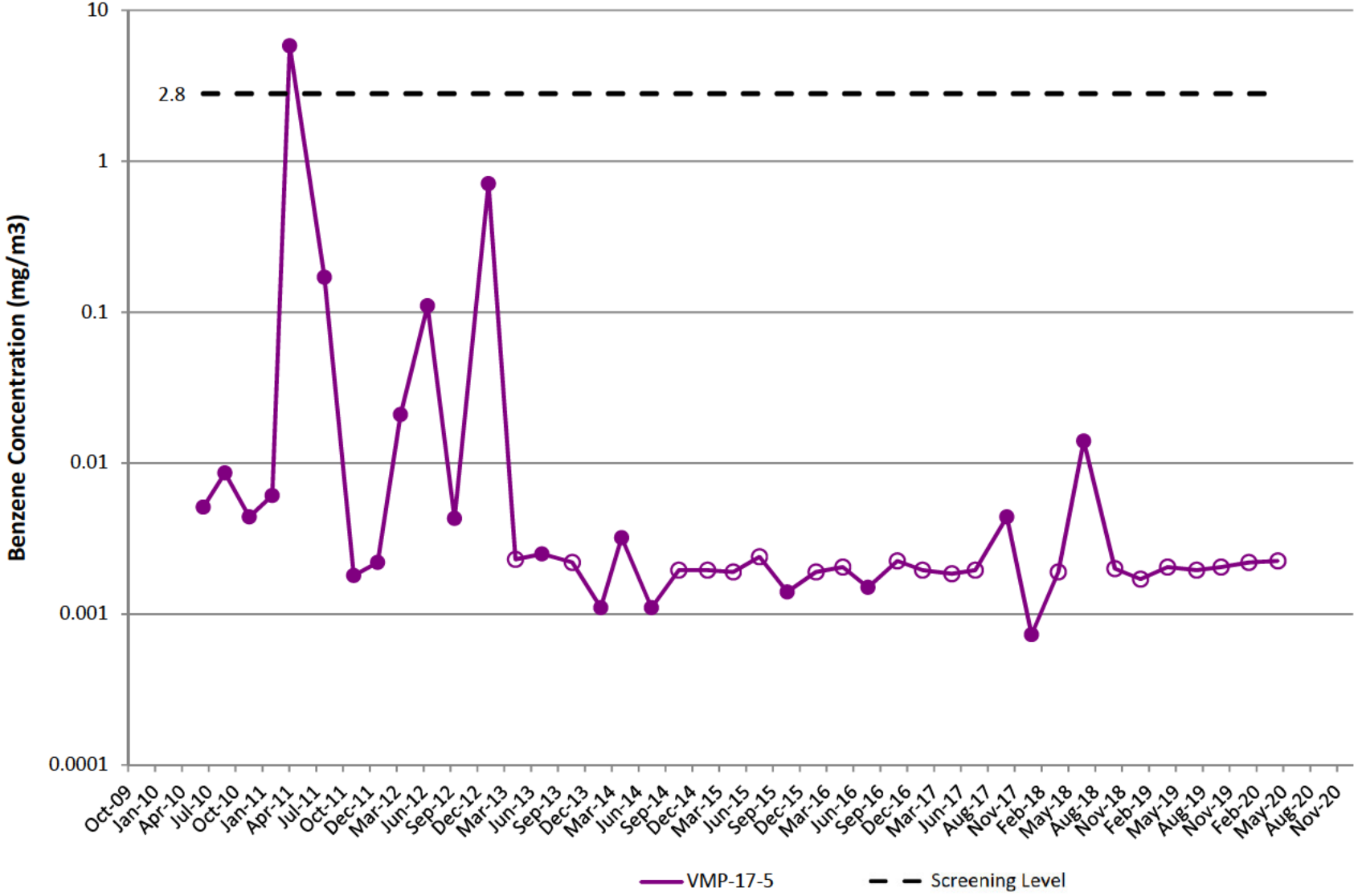
VMP-16

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.



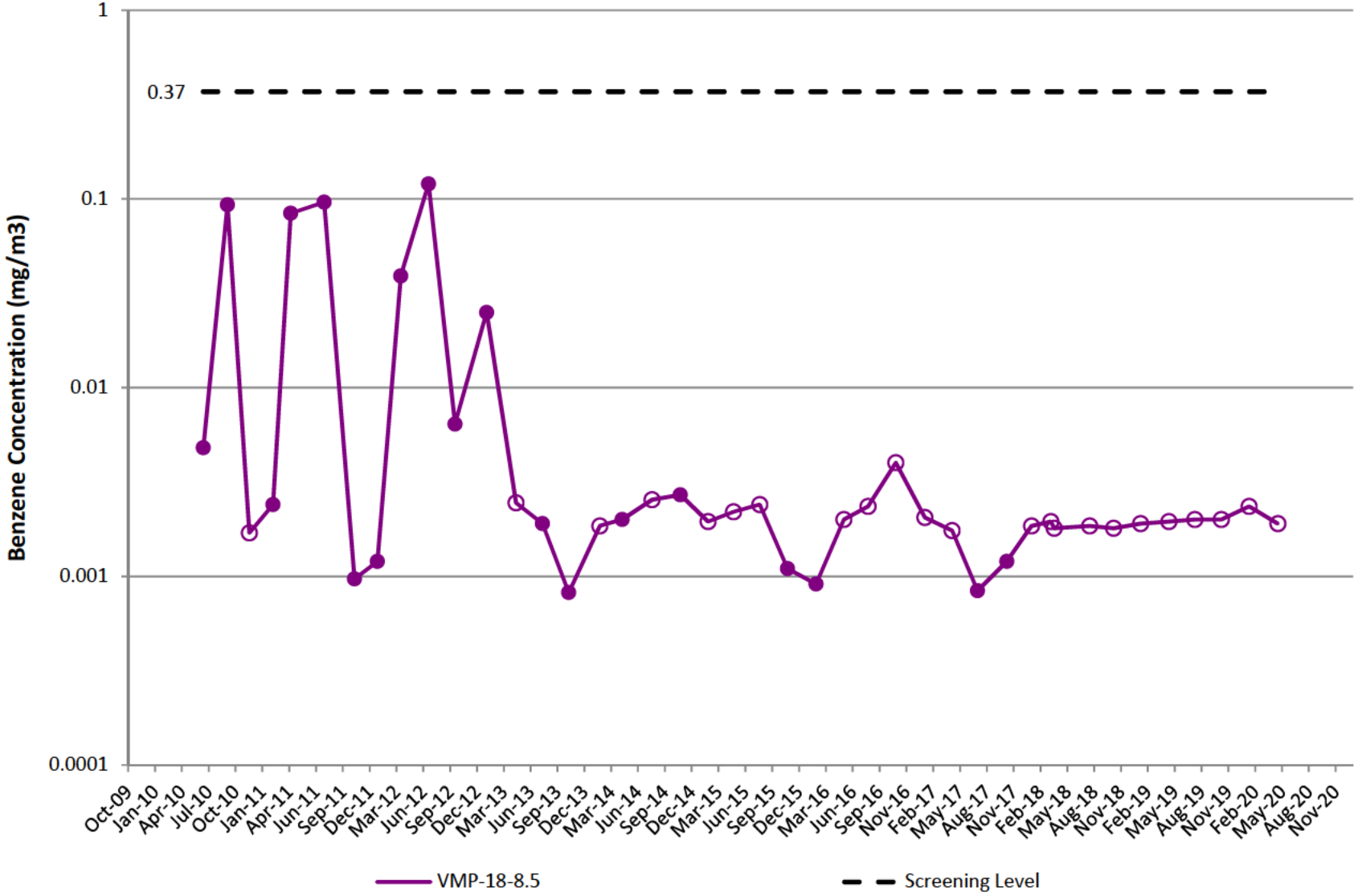
VMP-17

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.



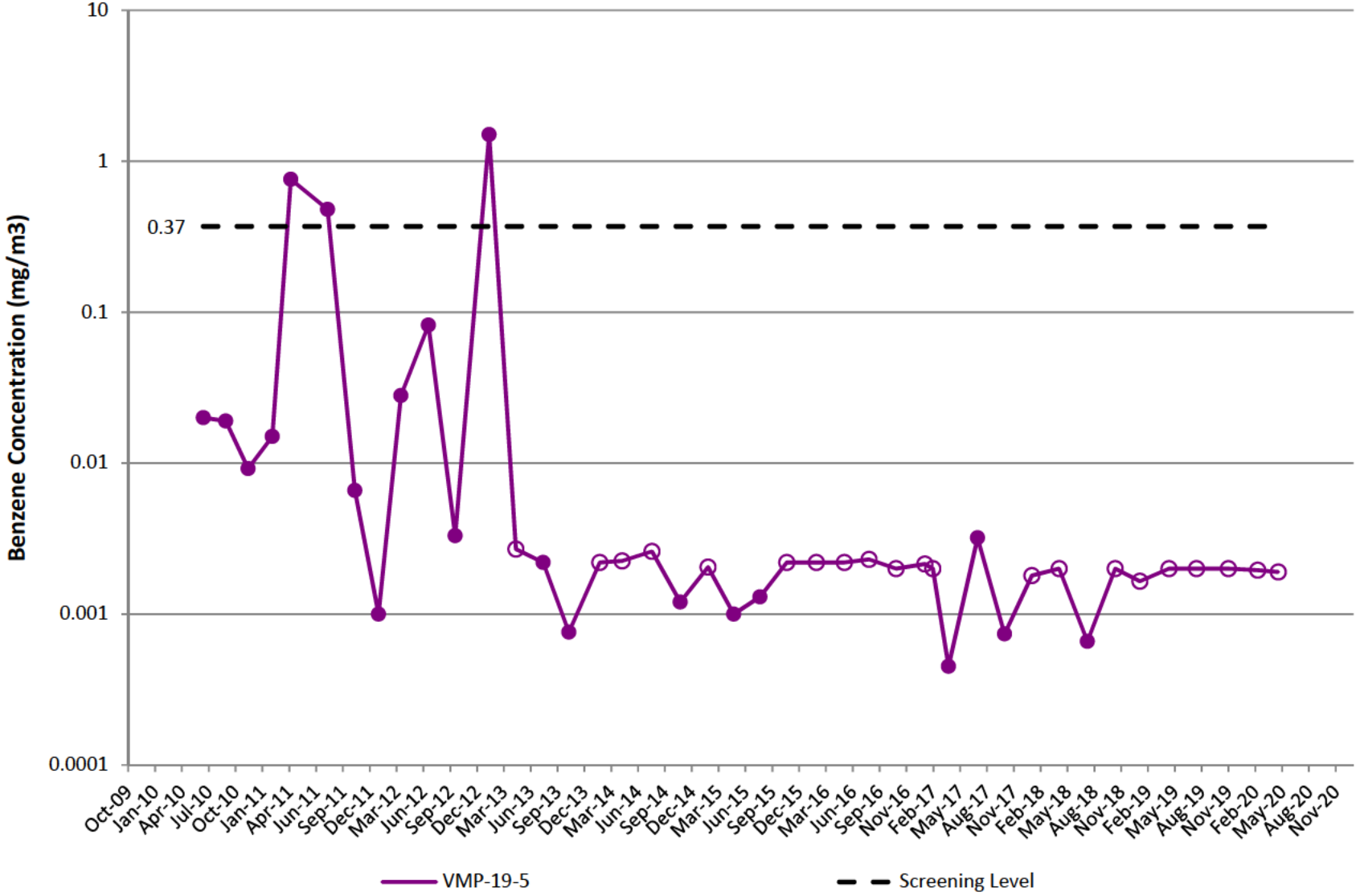
VMP-18

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.



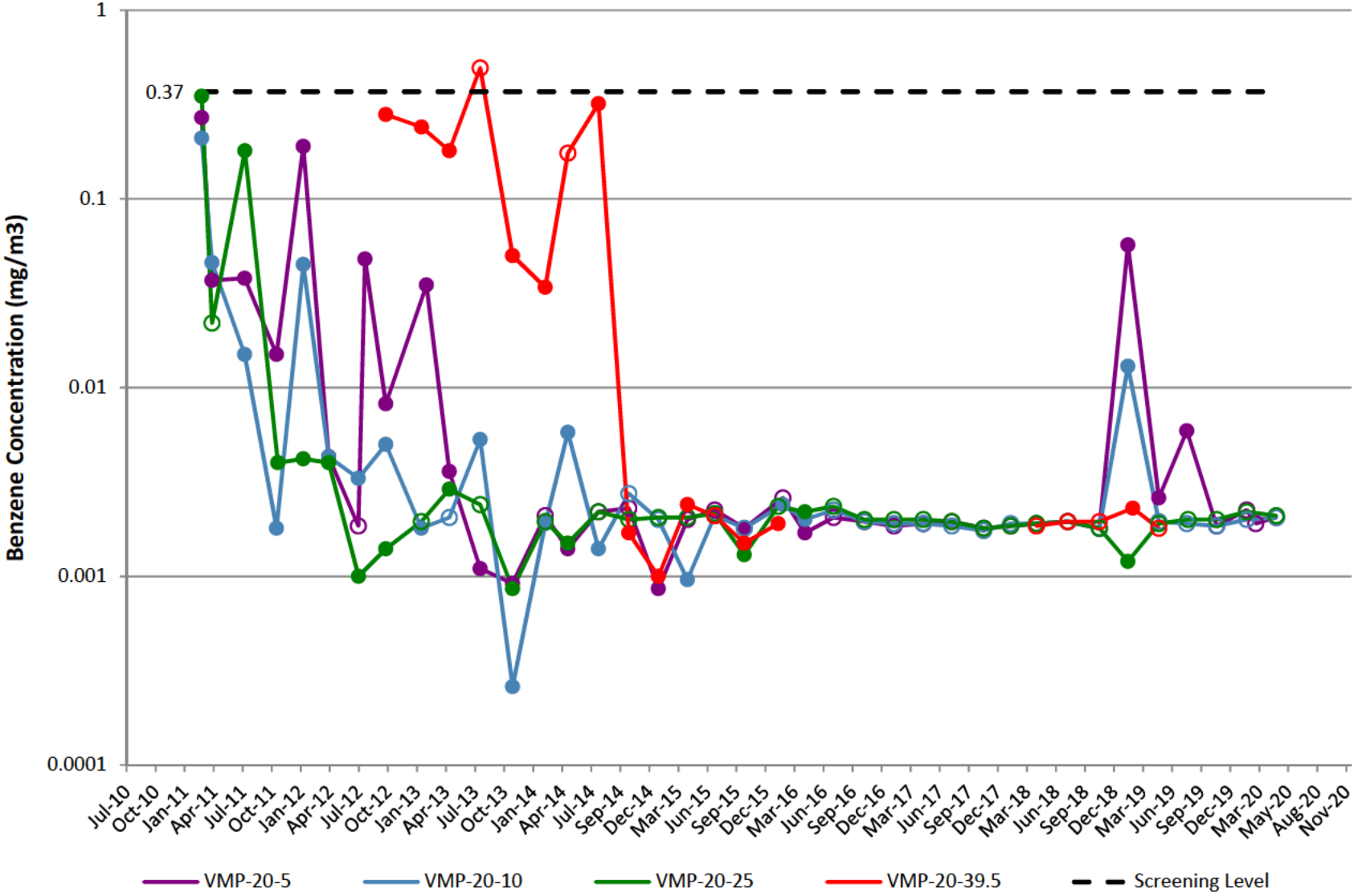
VMP-19

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.



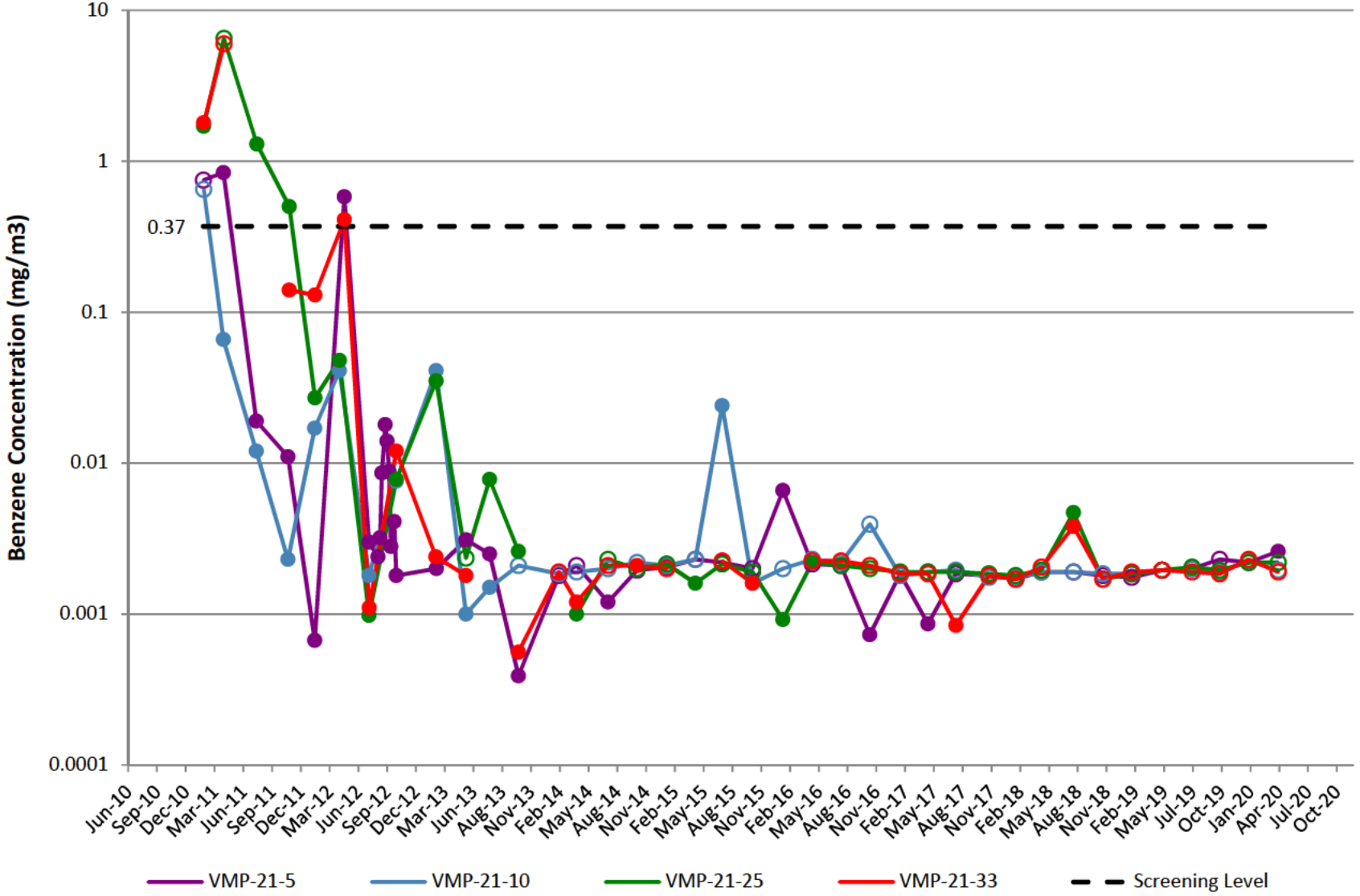
VMP-20

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.



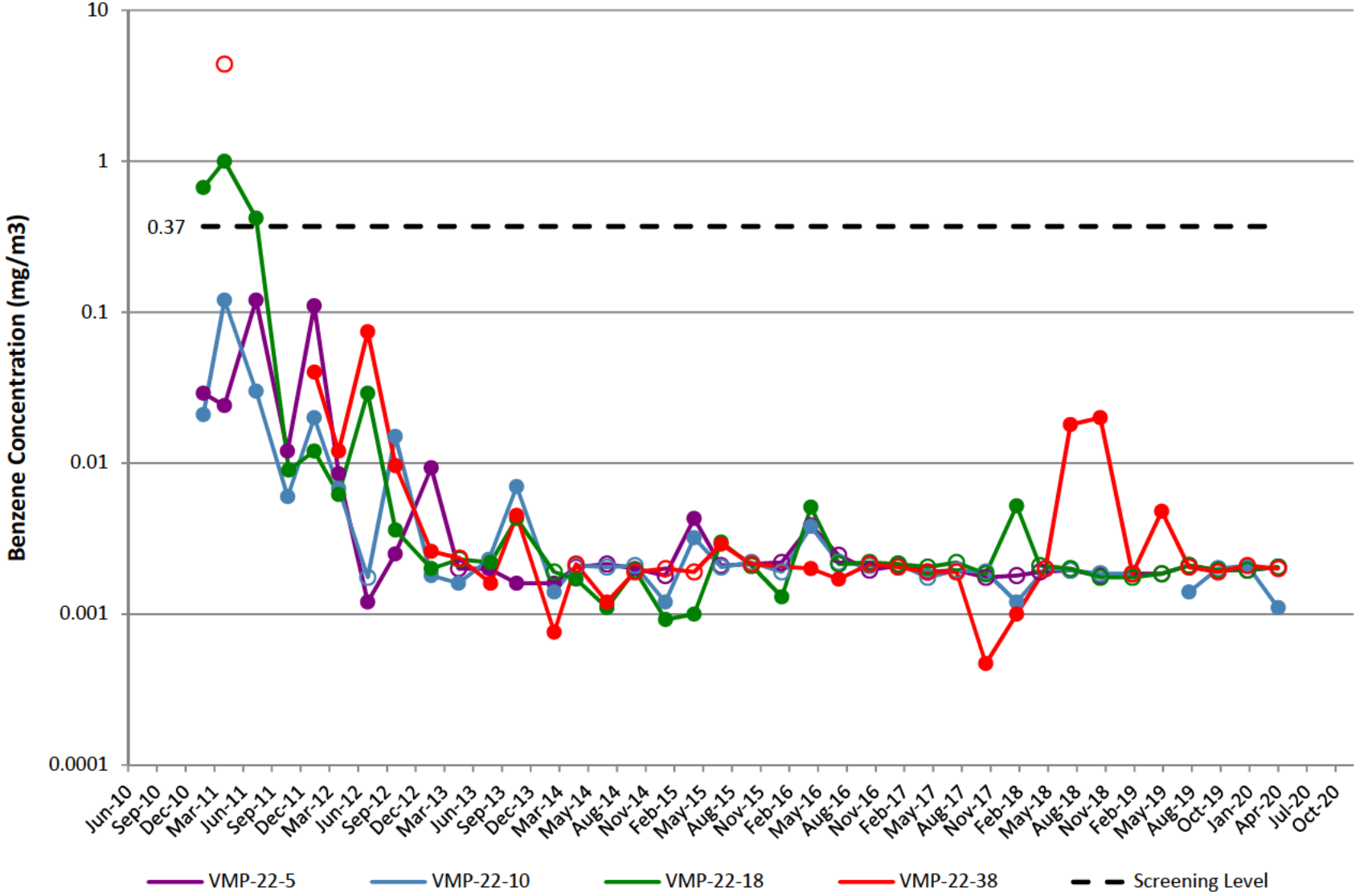
VMP-21

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.



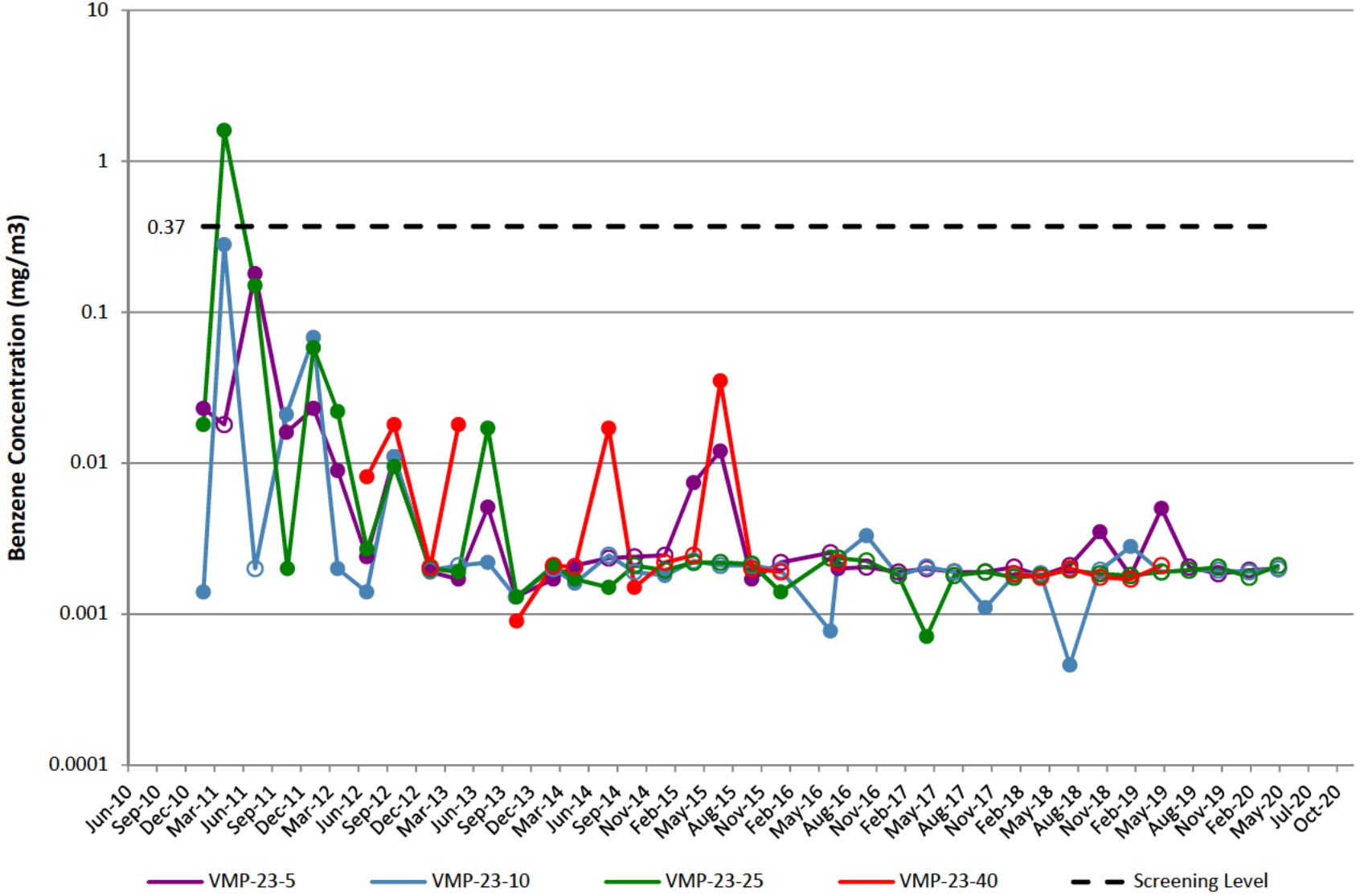
VMP-22

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.



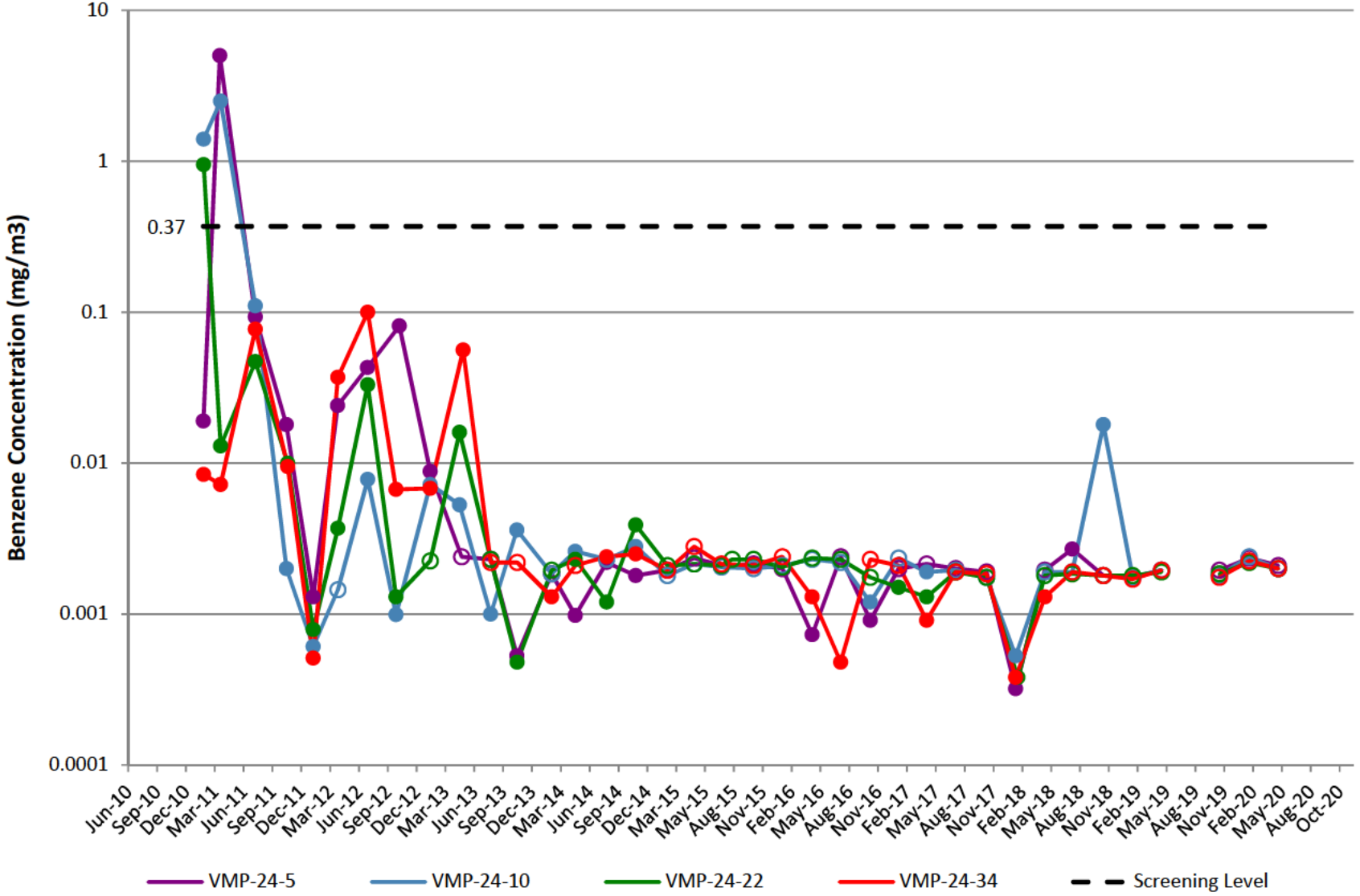
VMP-23

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.



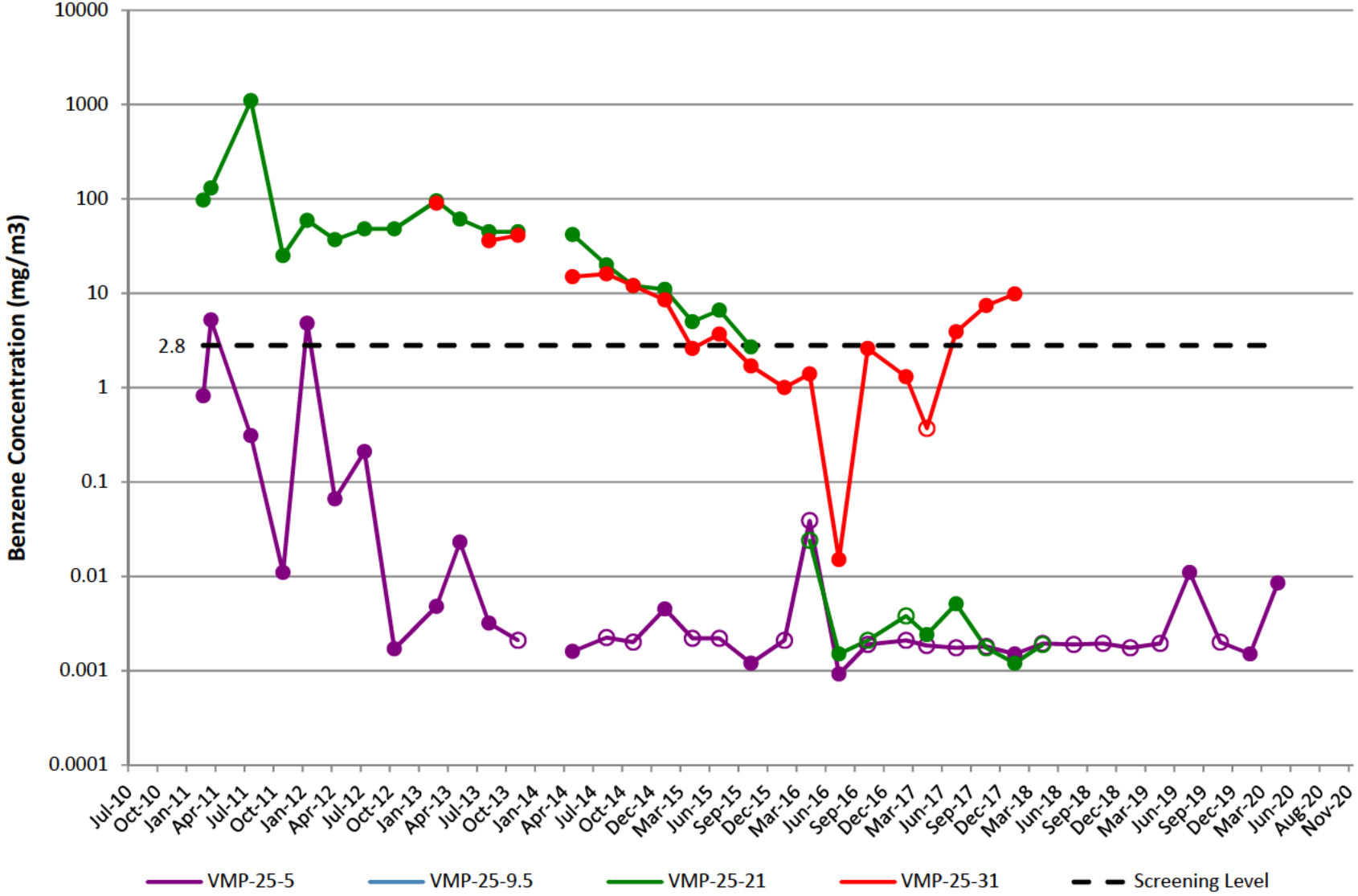
VMP-24

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.



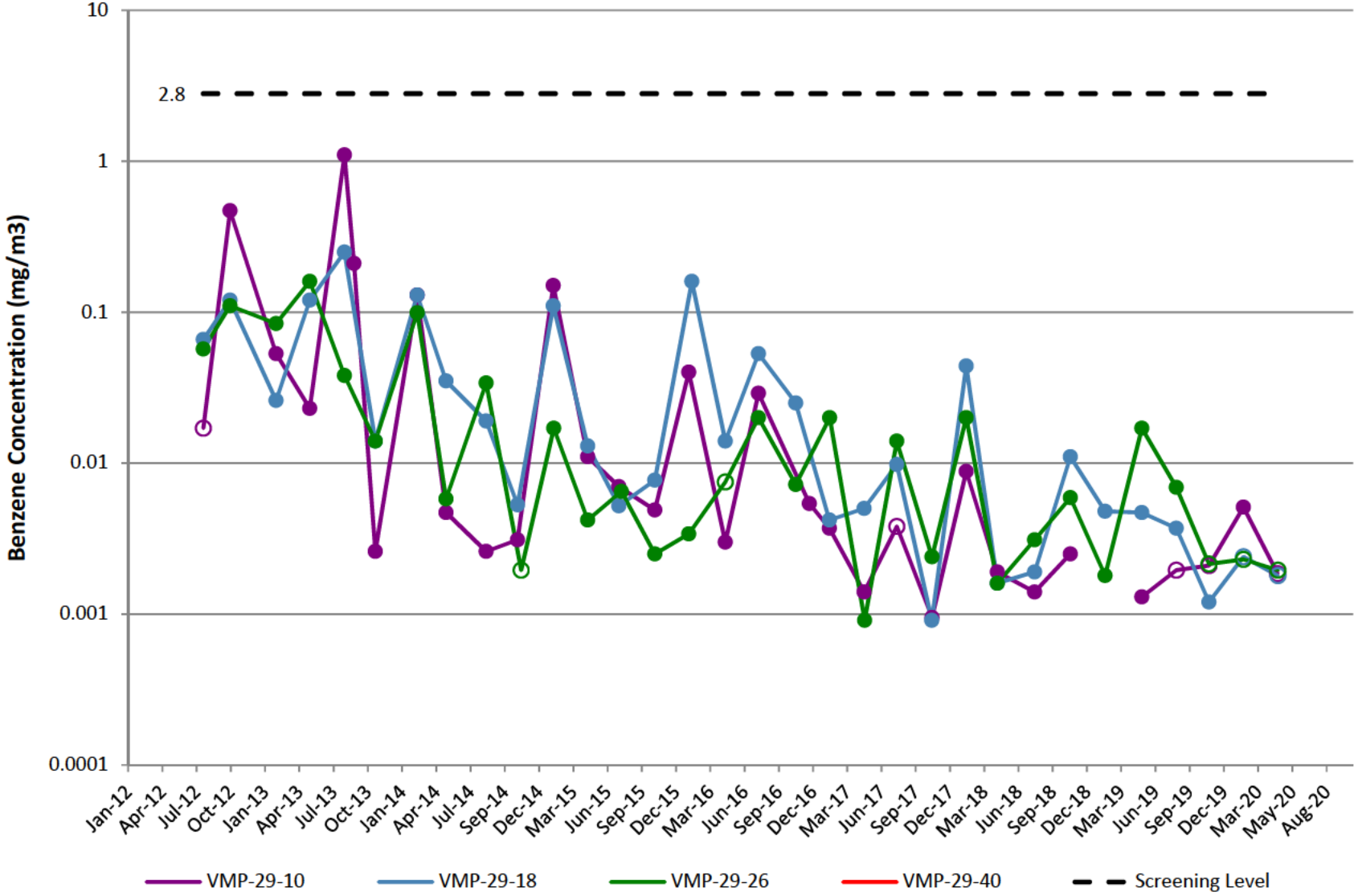
VMP-25

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.



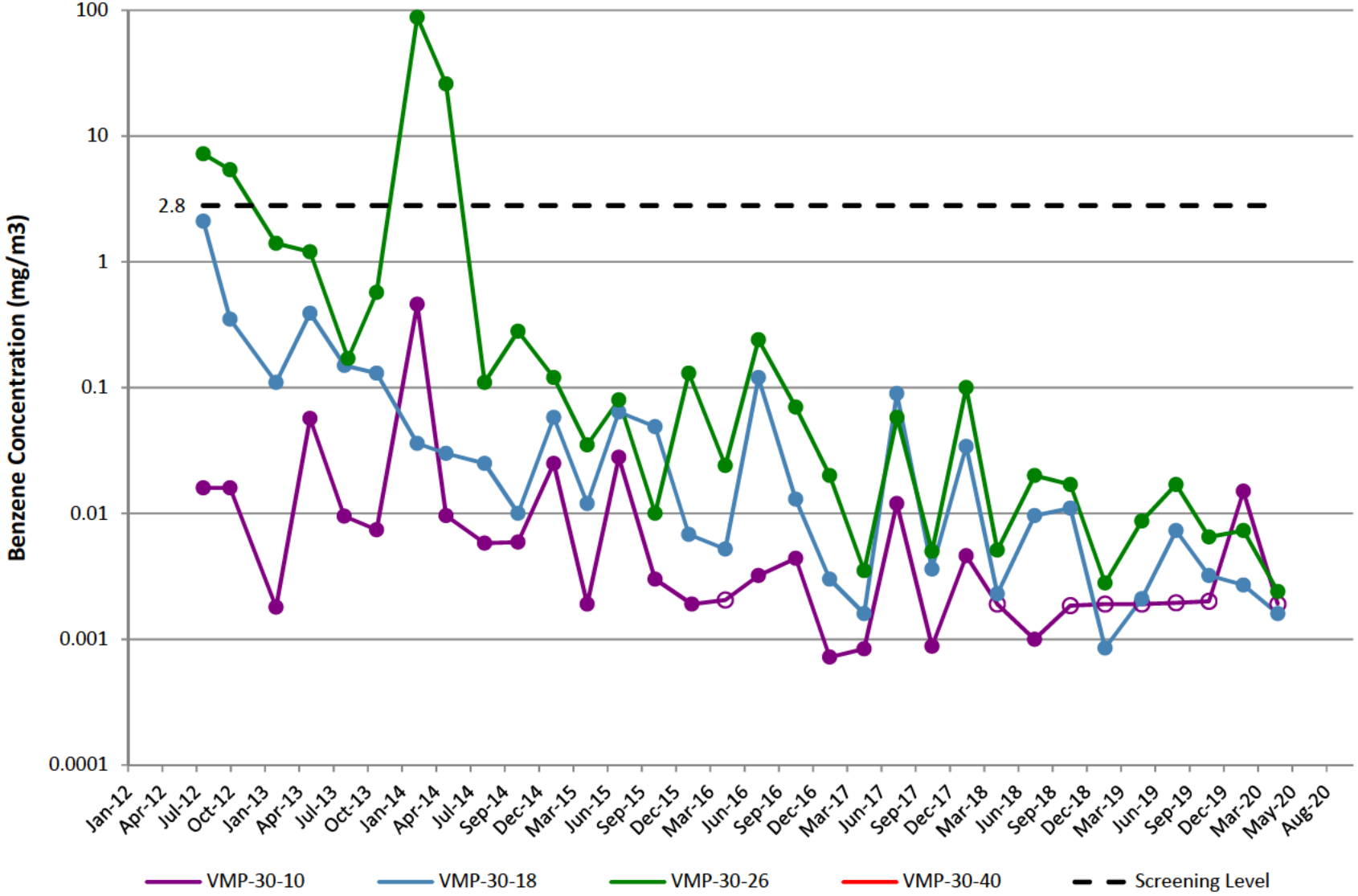
VMP-29

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.



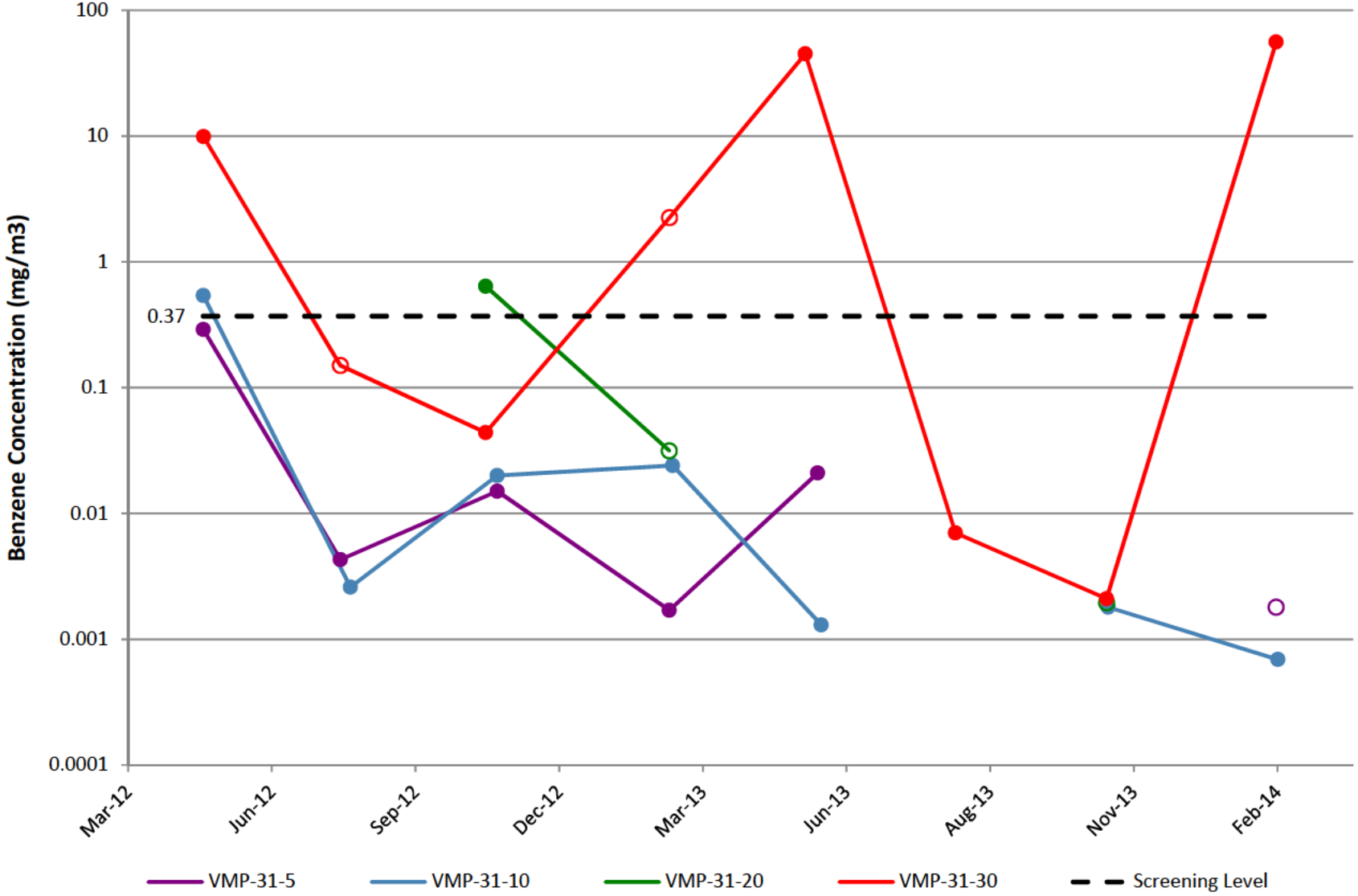
VMP-30

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.



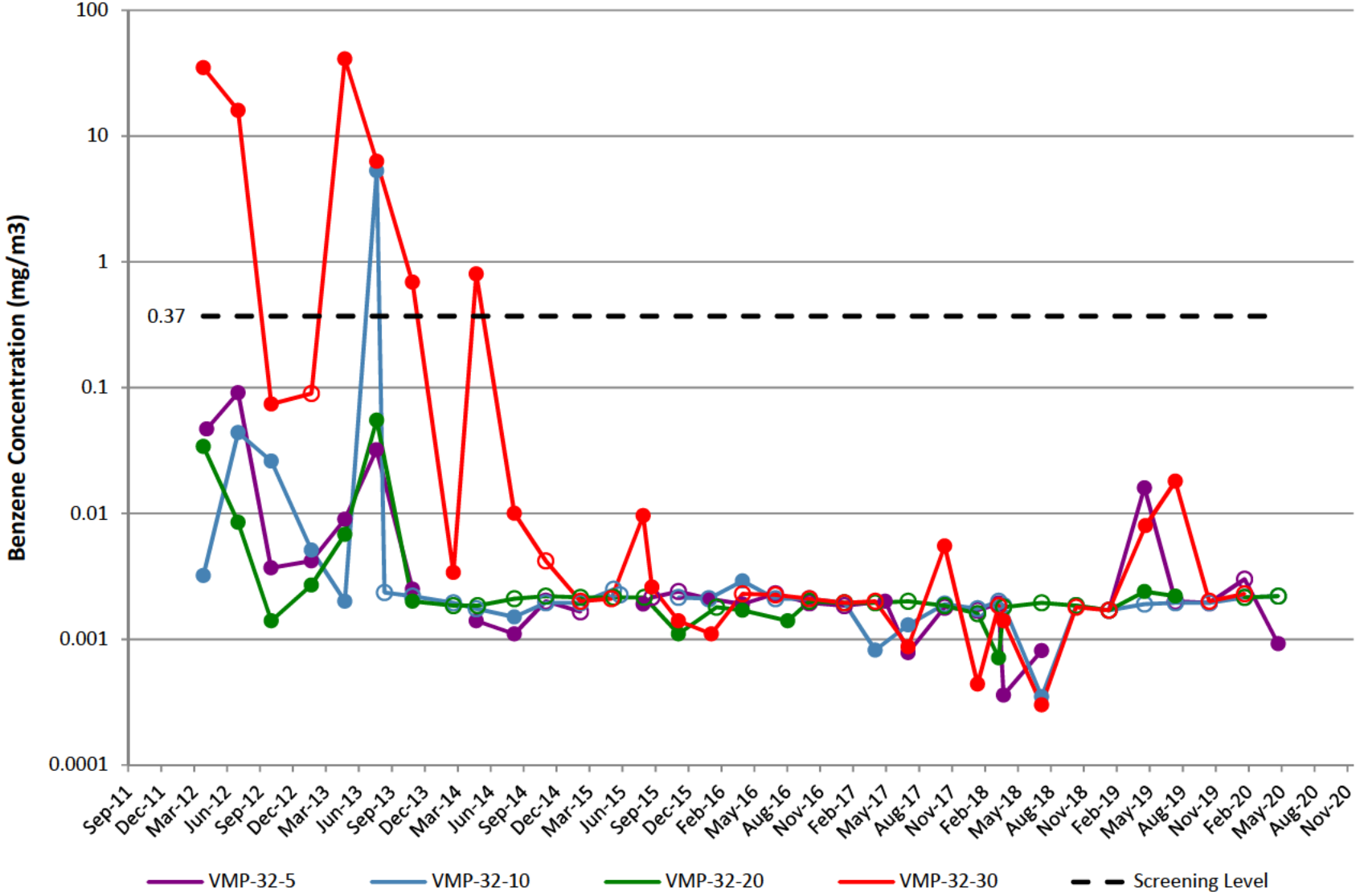
VMP-31

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.



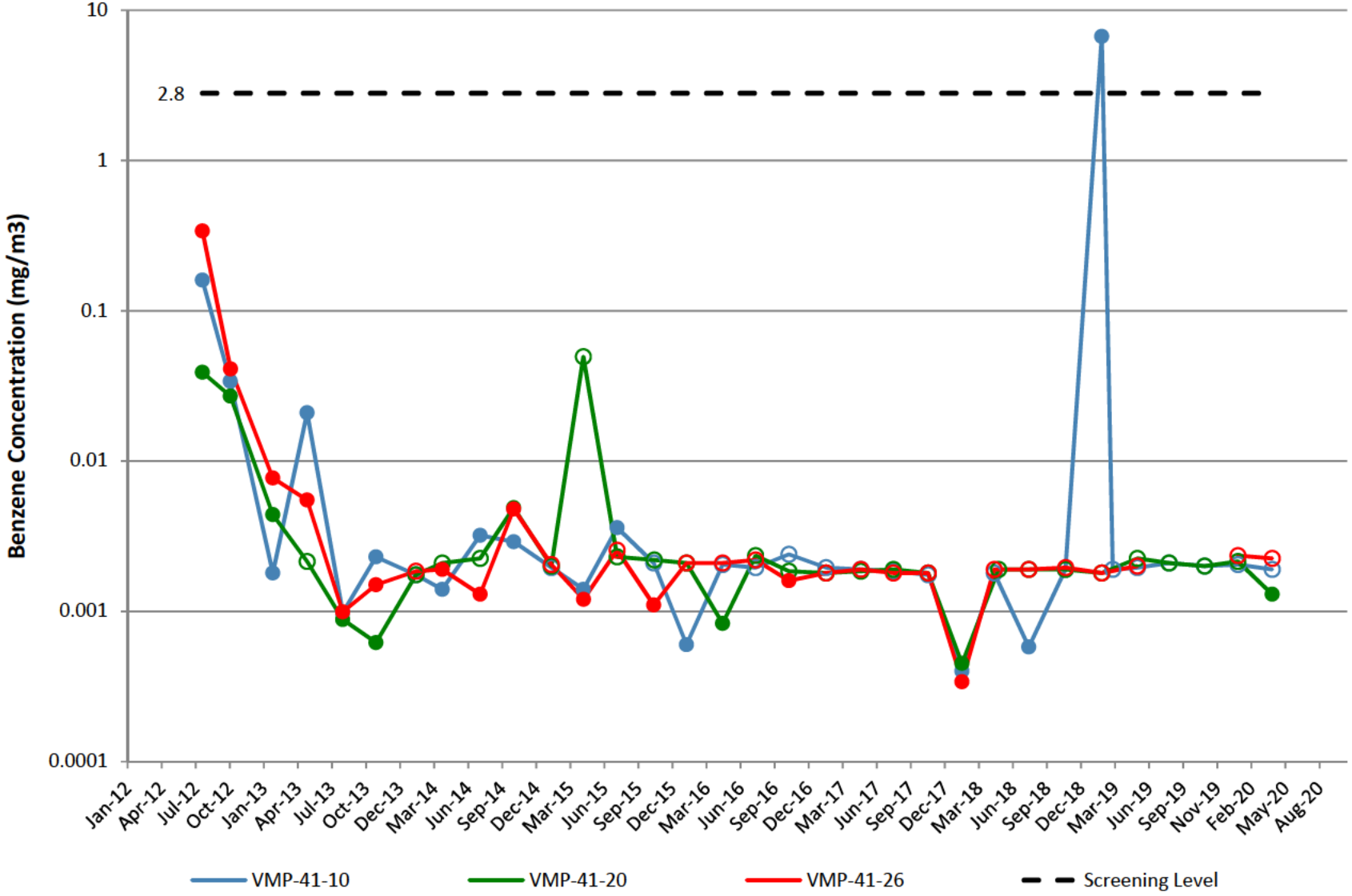
VMP-32

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.



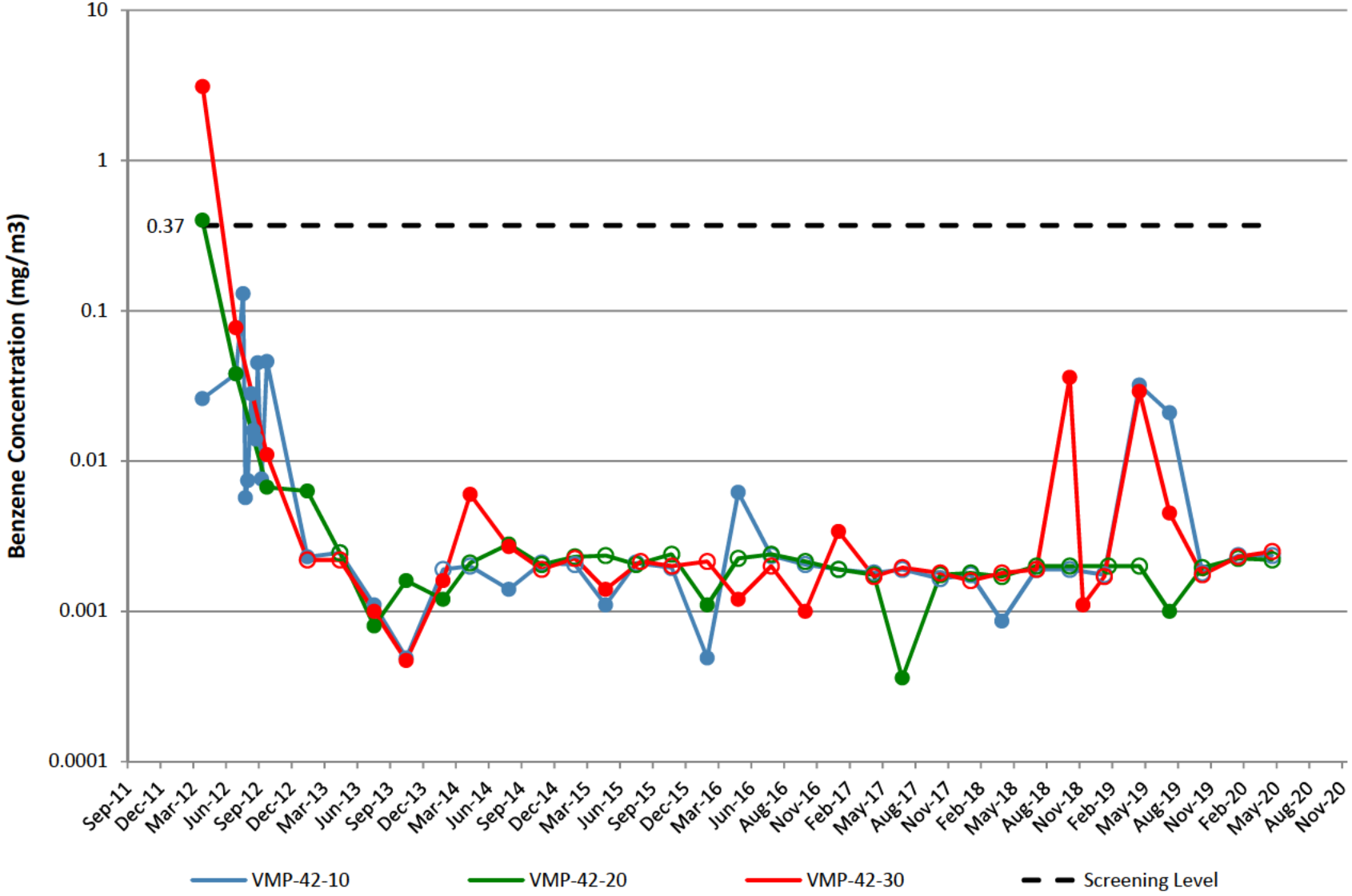
VMP-41

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.



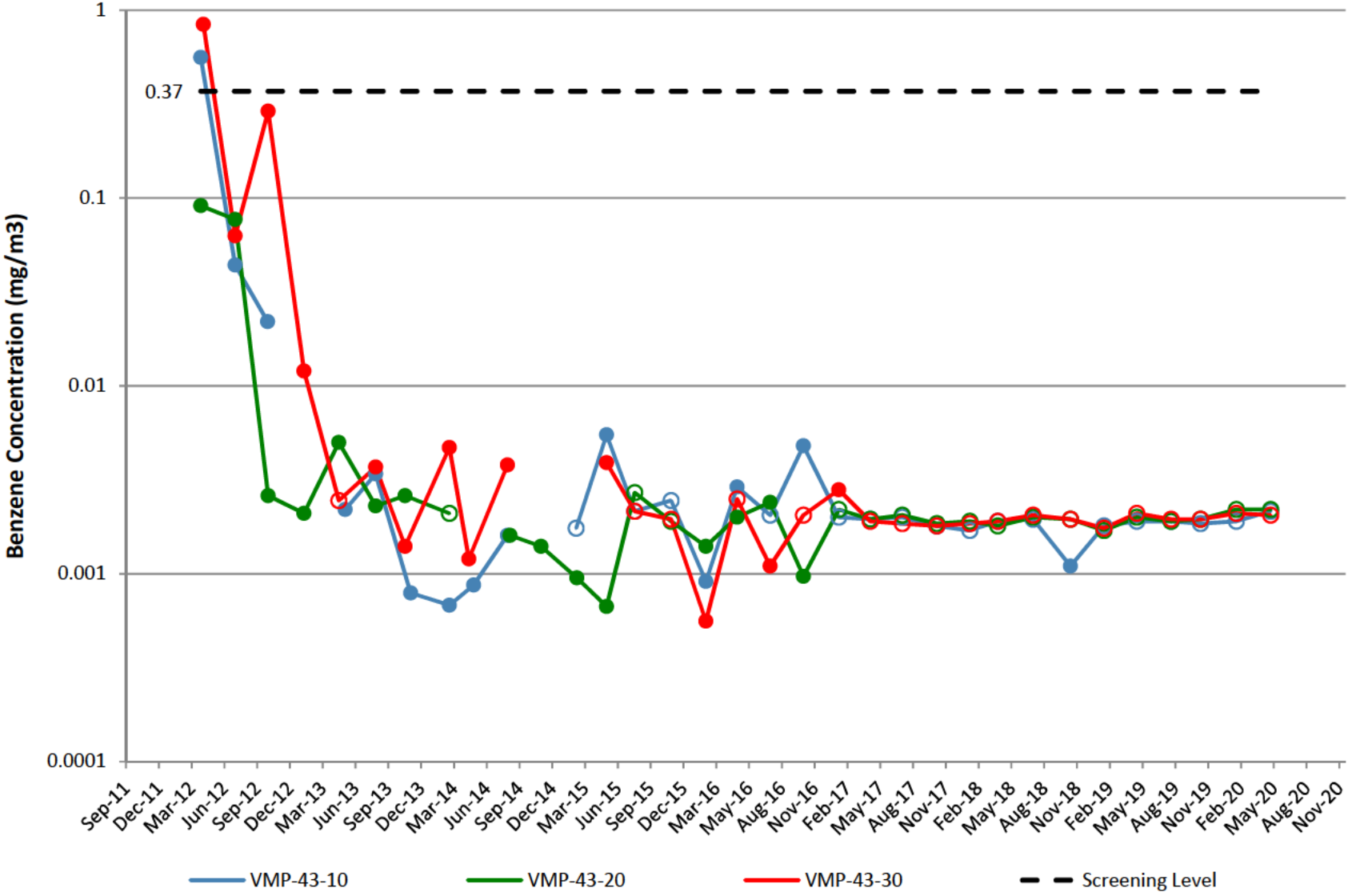
VMP-42

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.



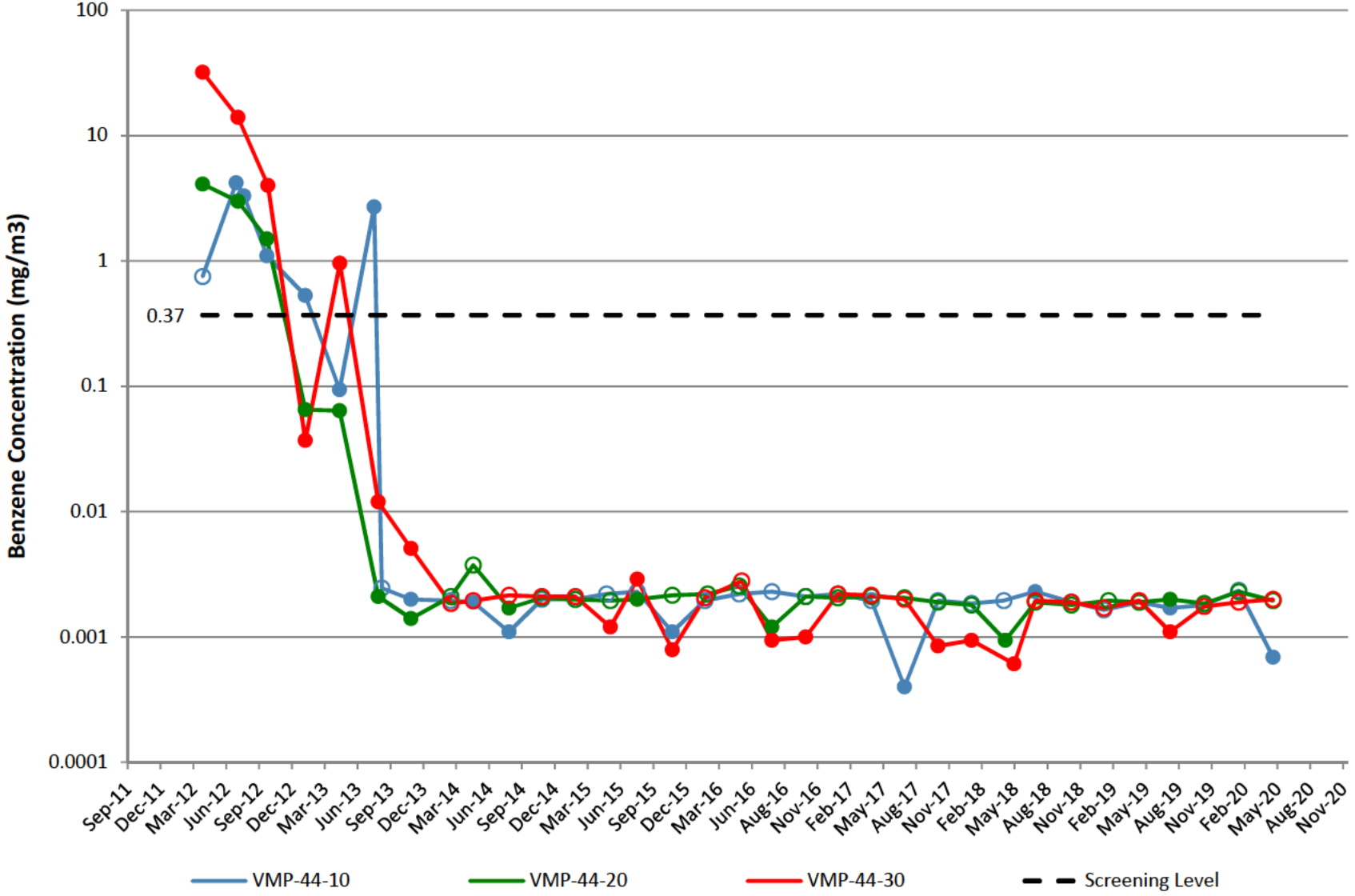
VMP-43

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.



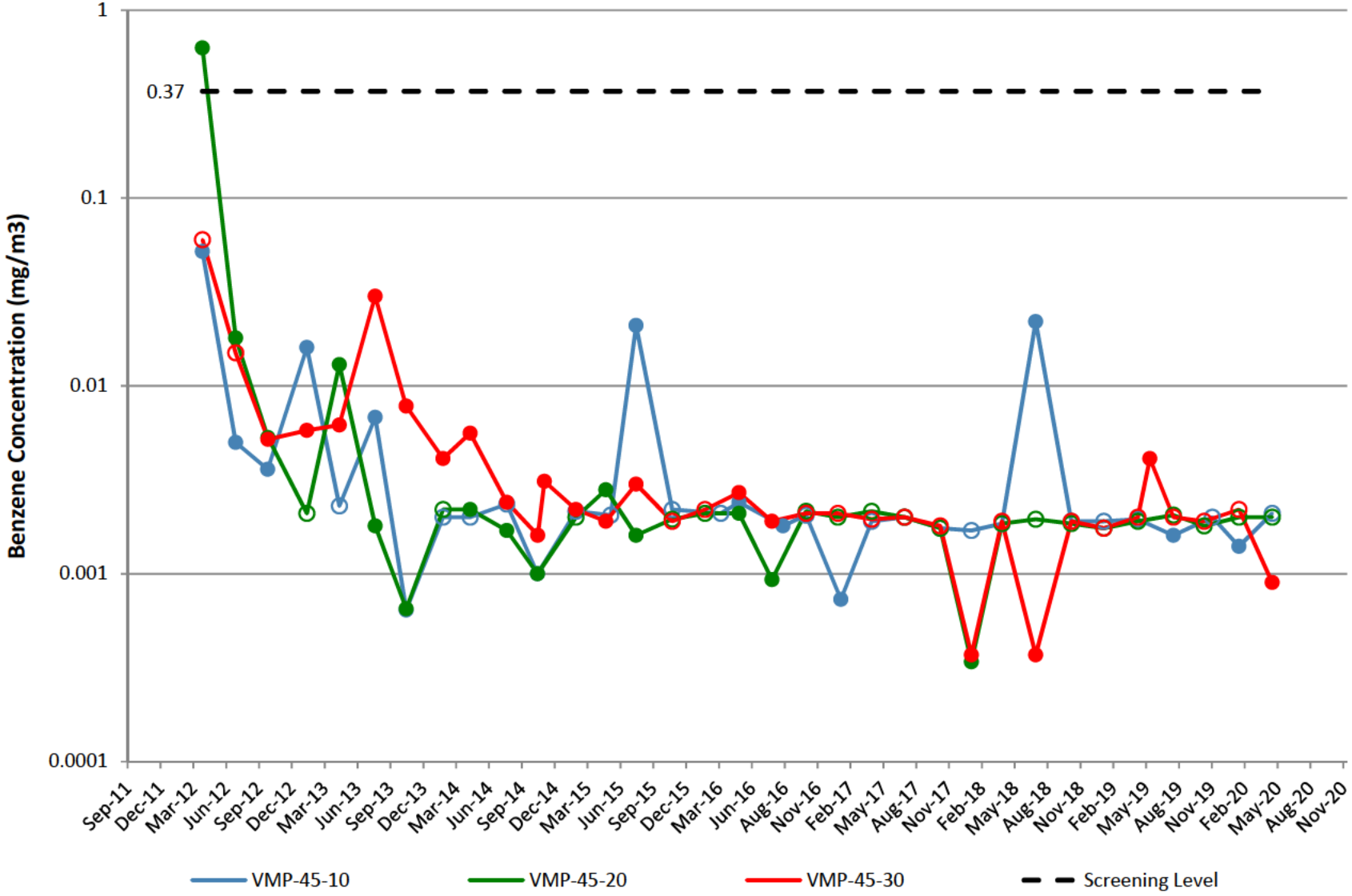
VMP-44

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.



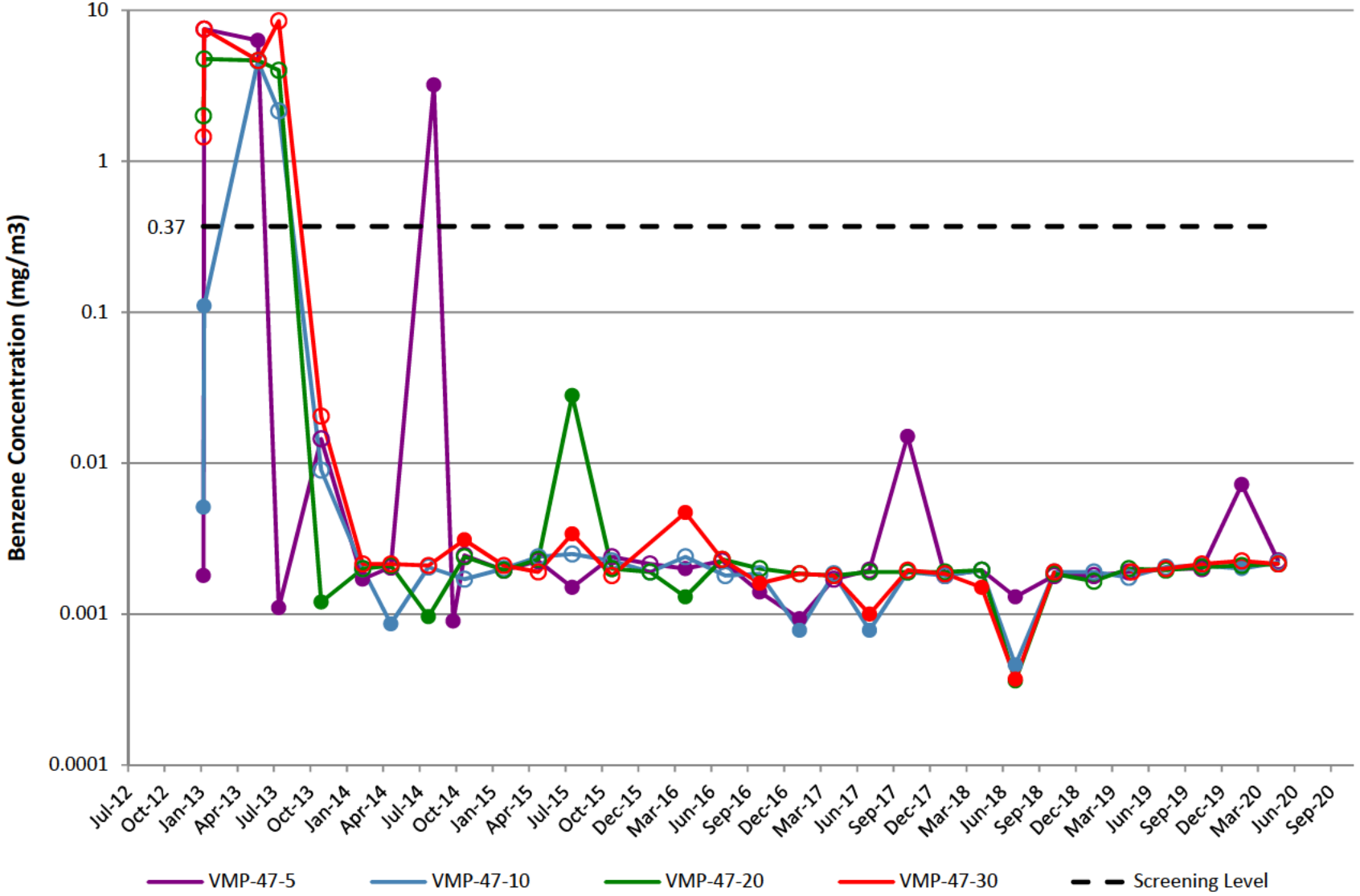
VMP-45

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.



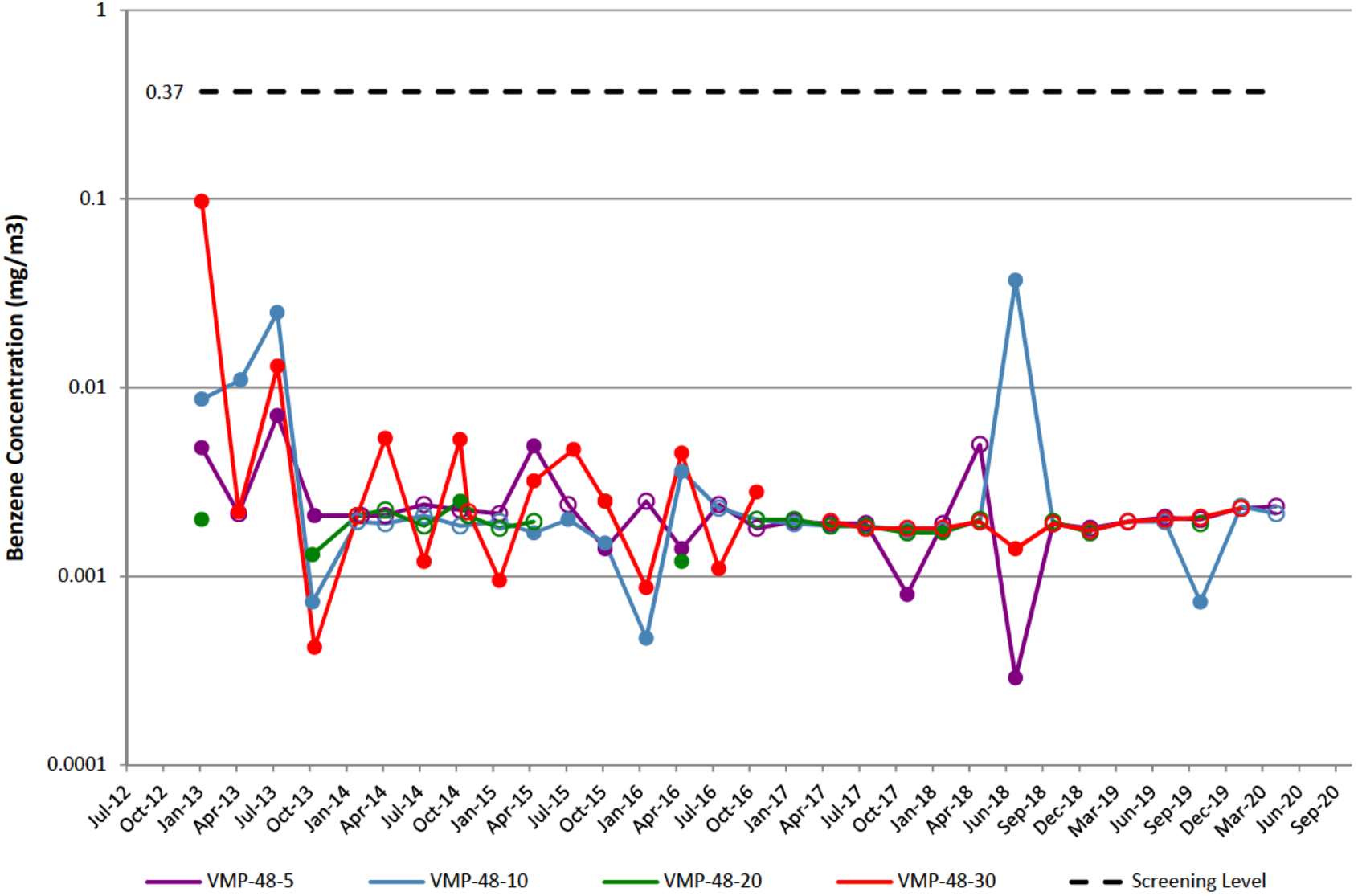
VMP-47

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.



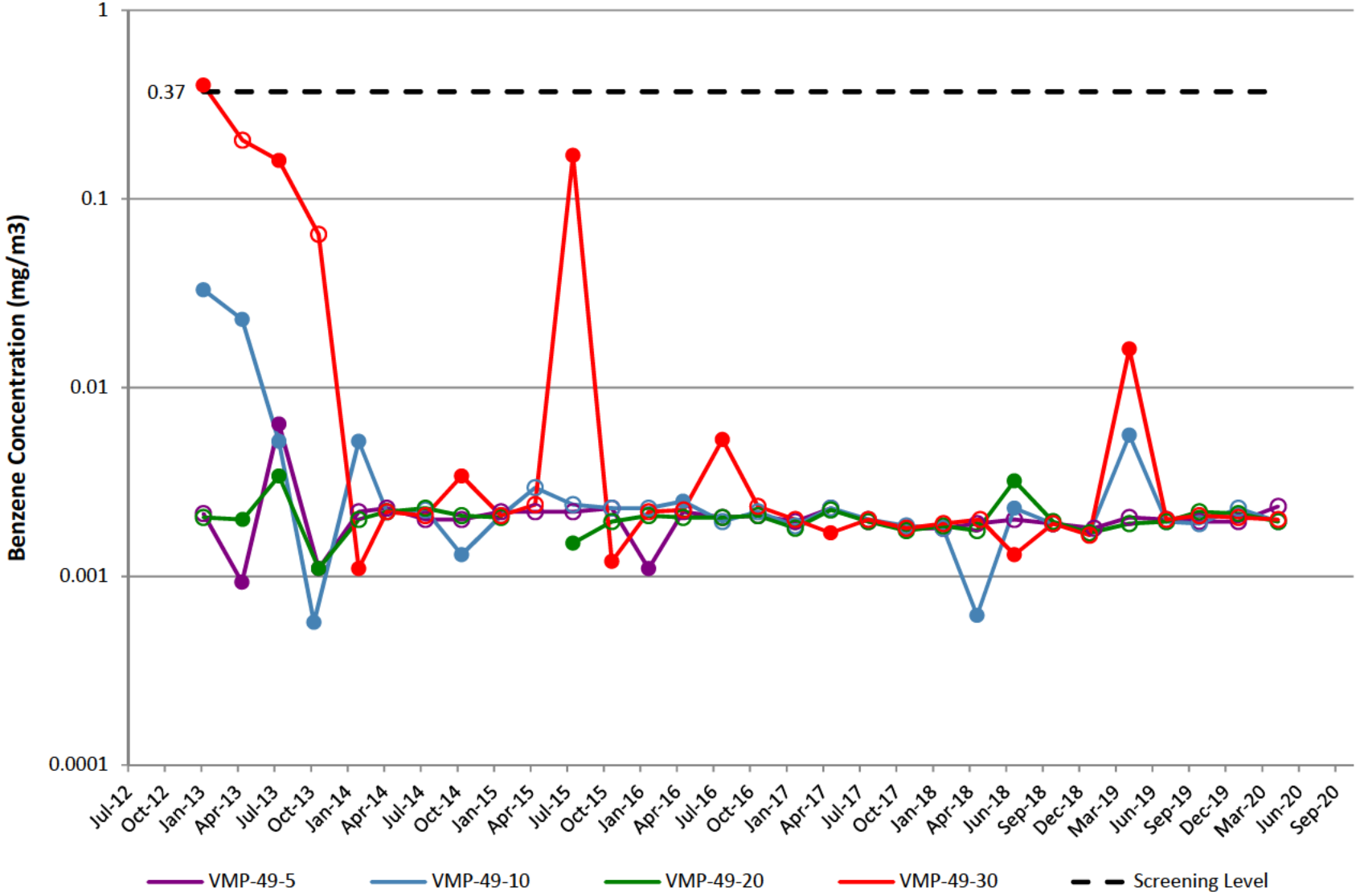
VMP-48

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.



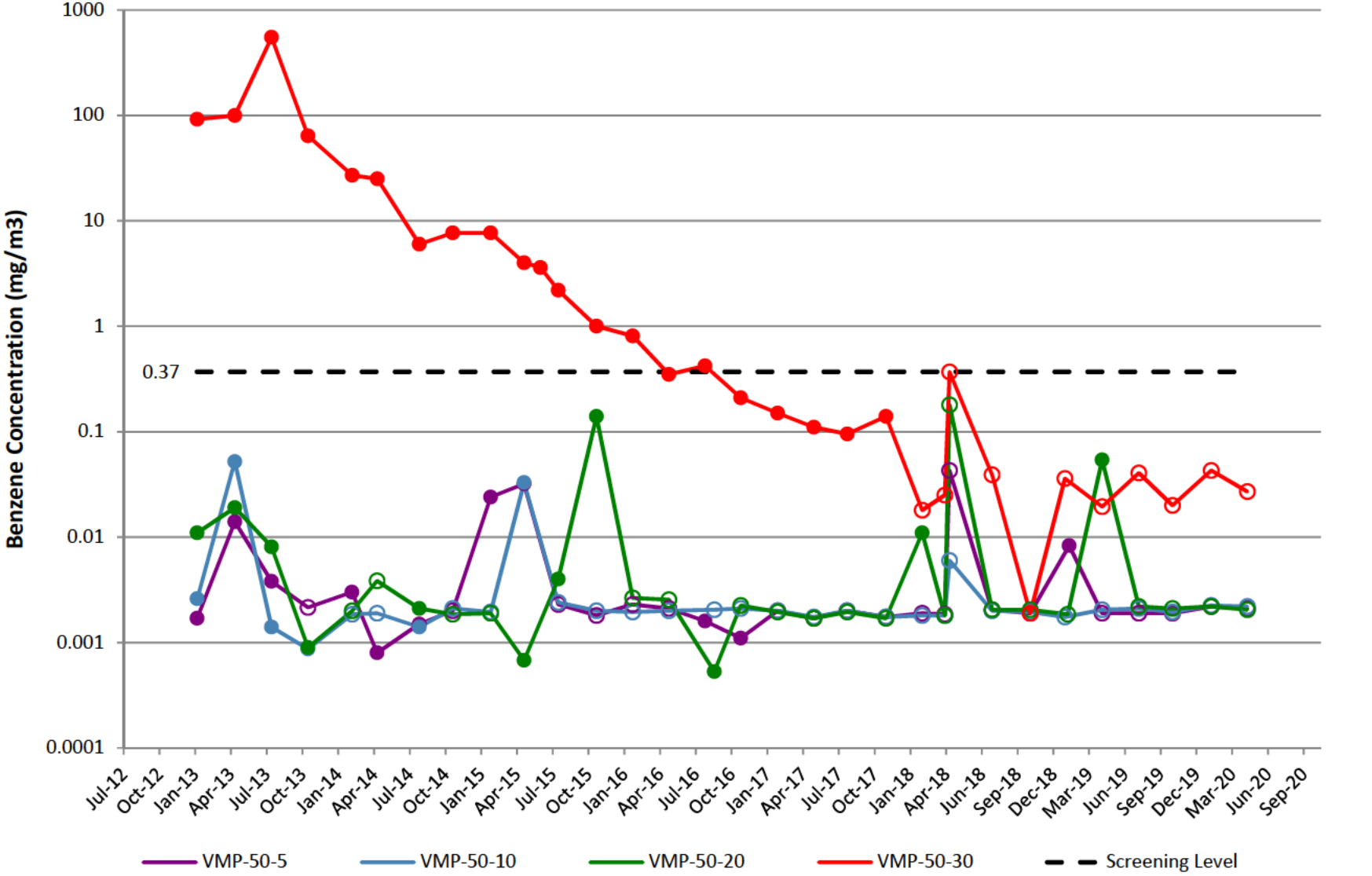
VMP-49

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.



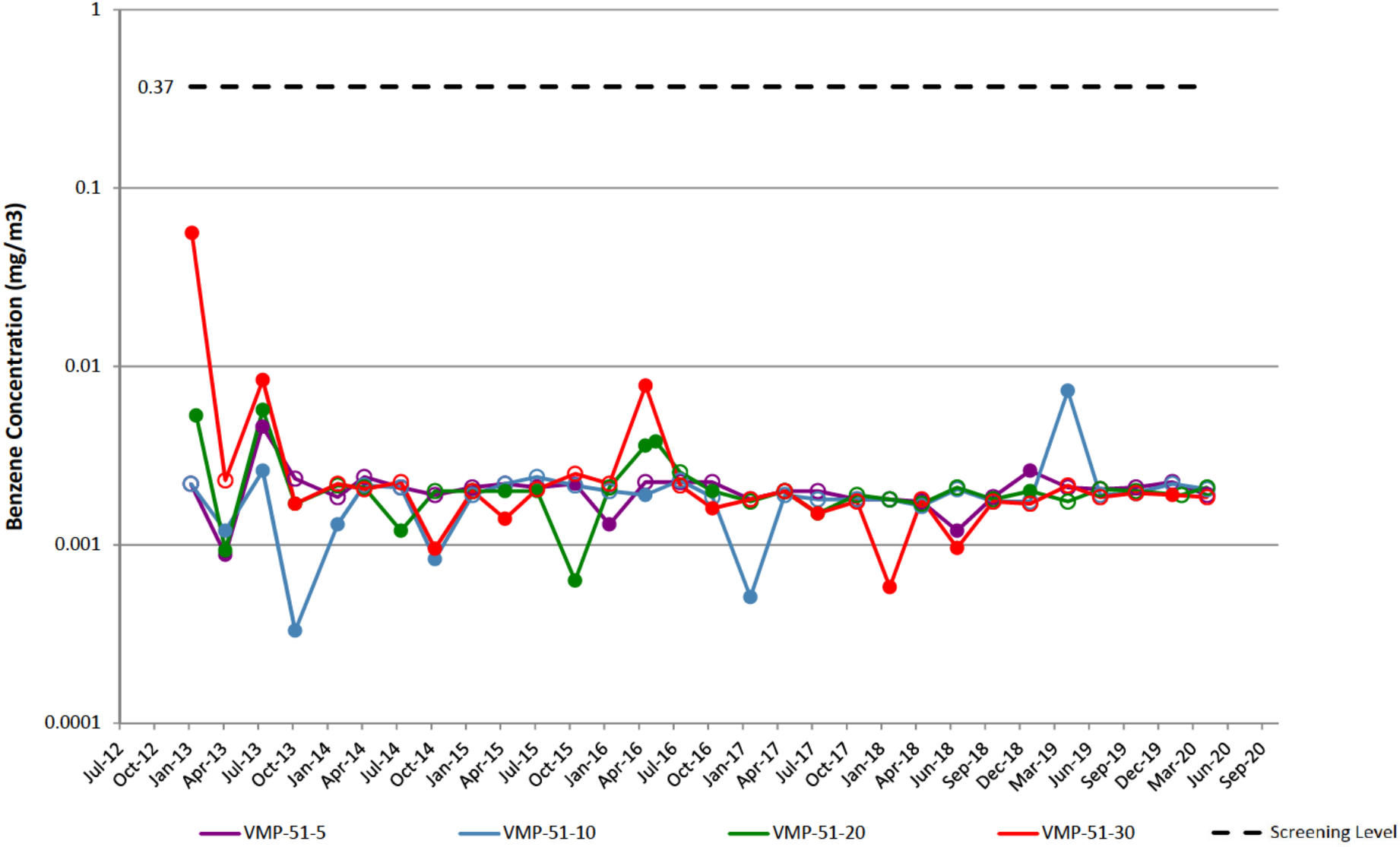
VMP-50

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



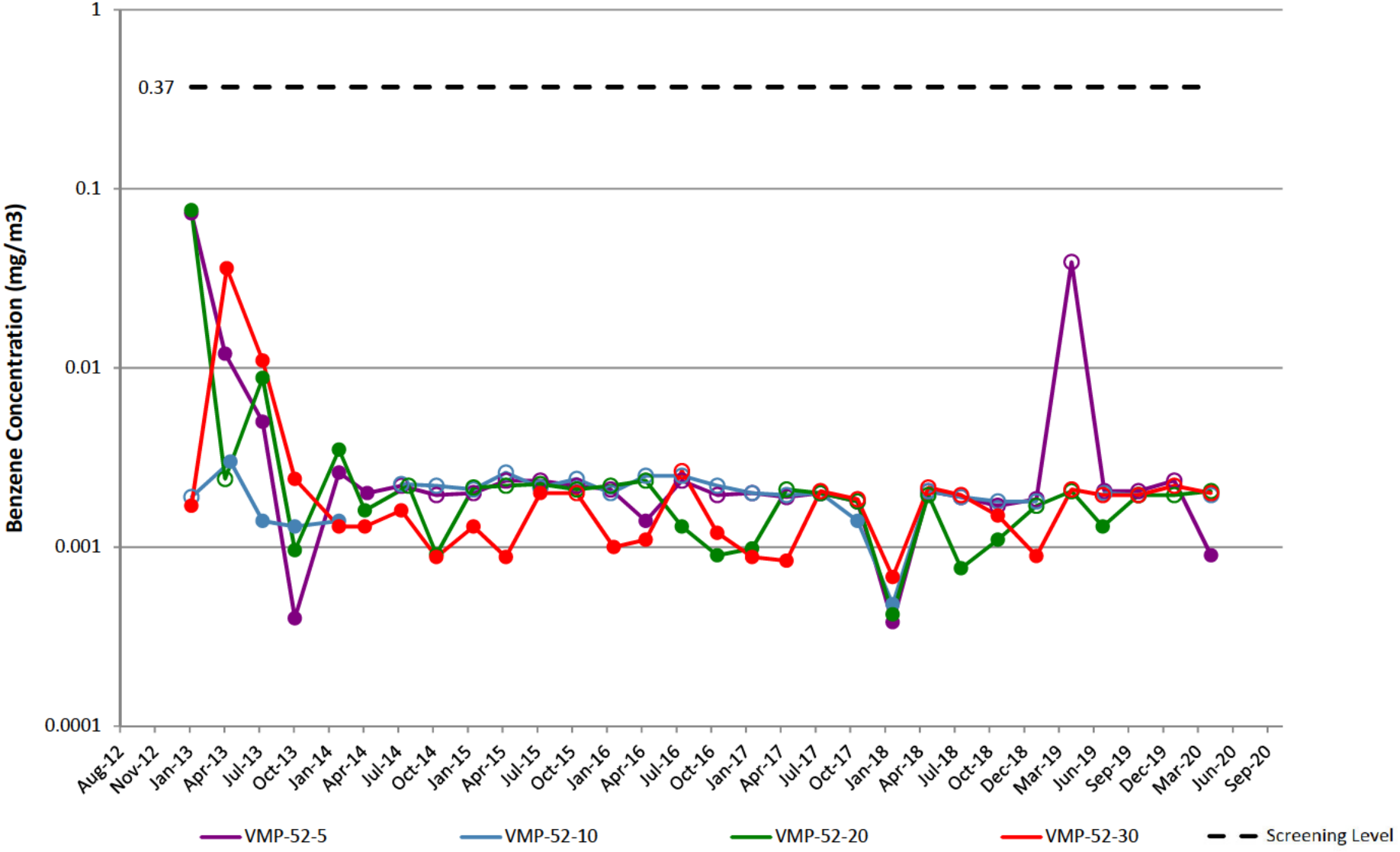
VMP-51

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.



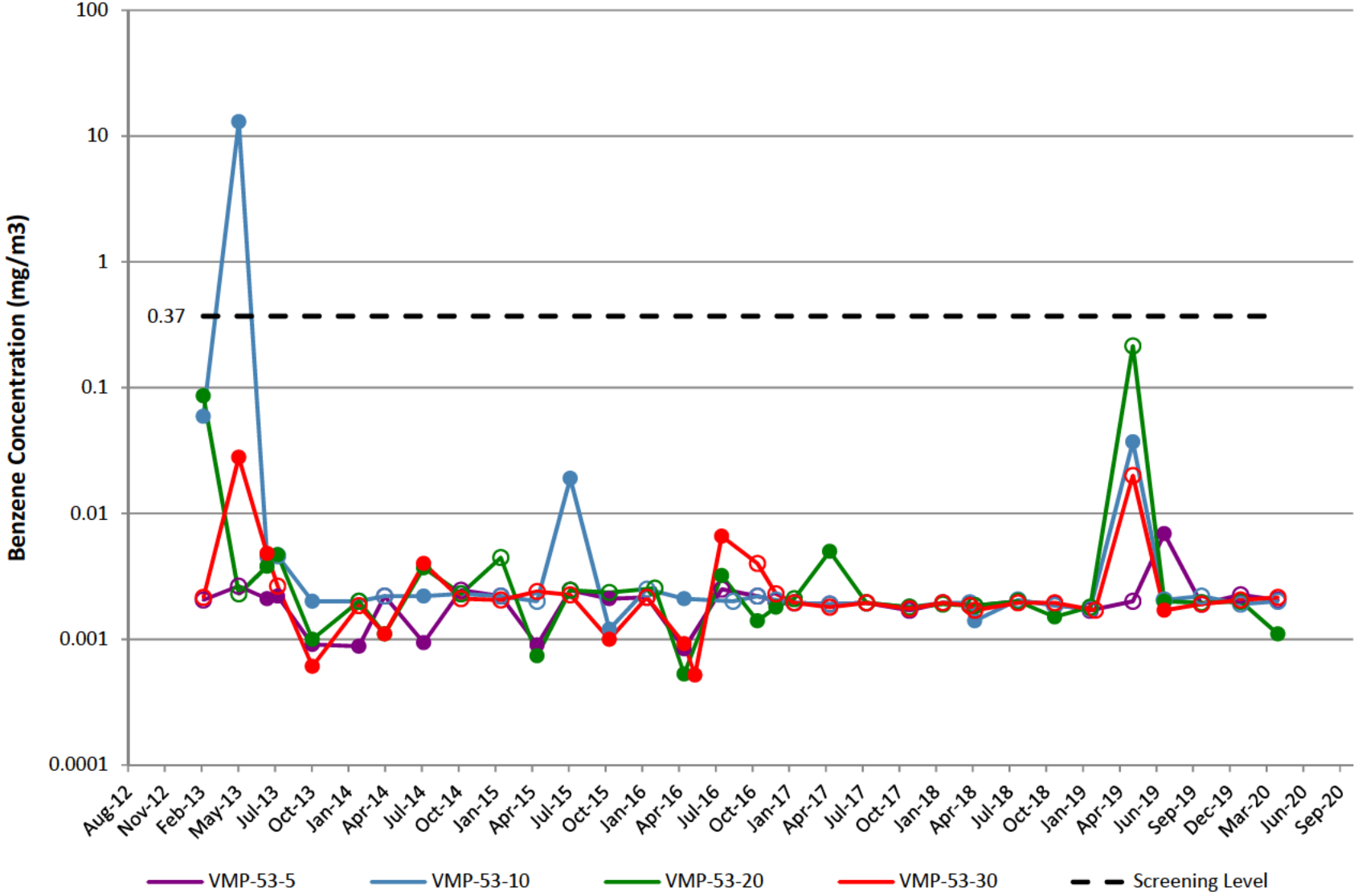
VMP-52

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.



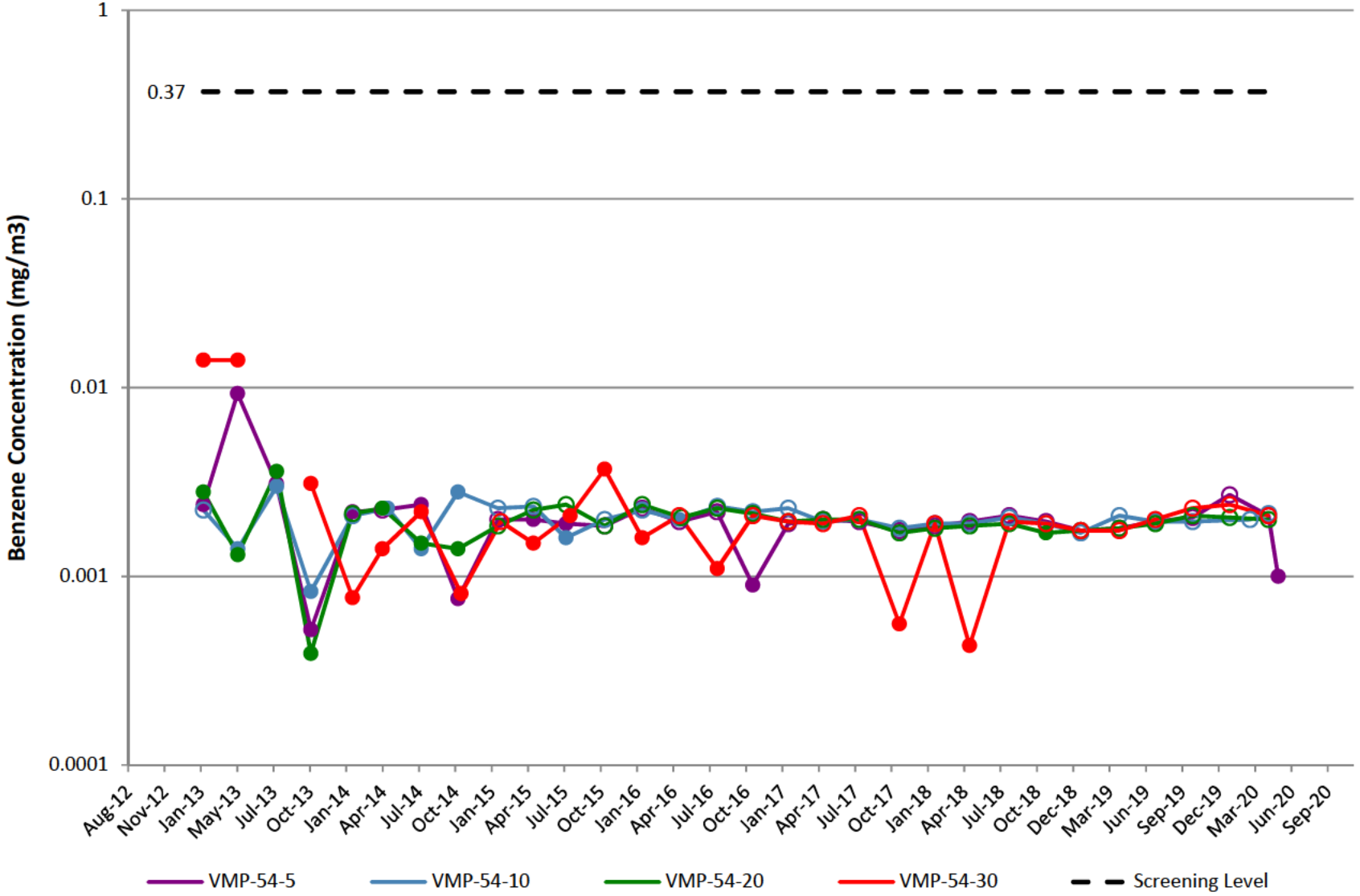
VMP-53

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.



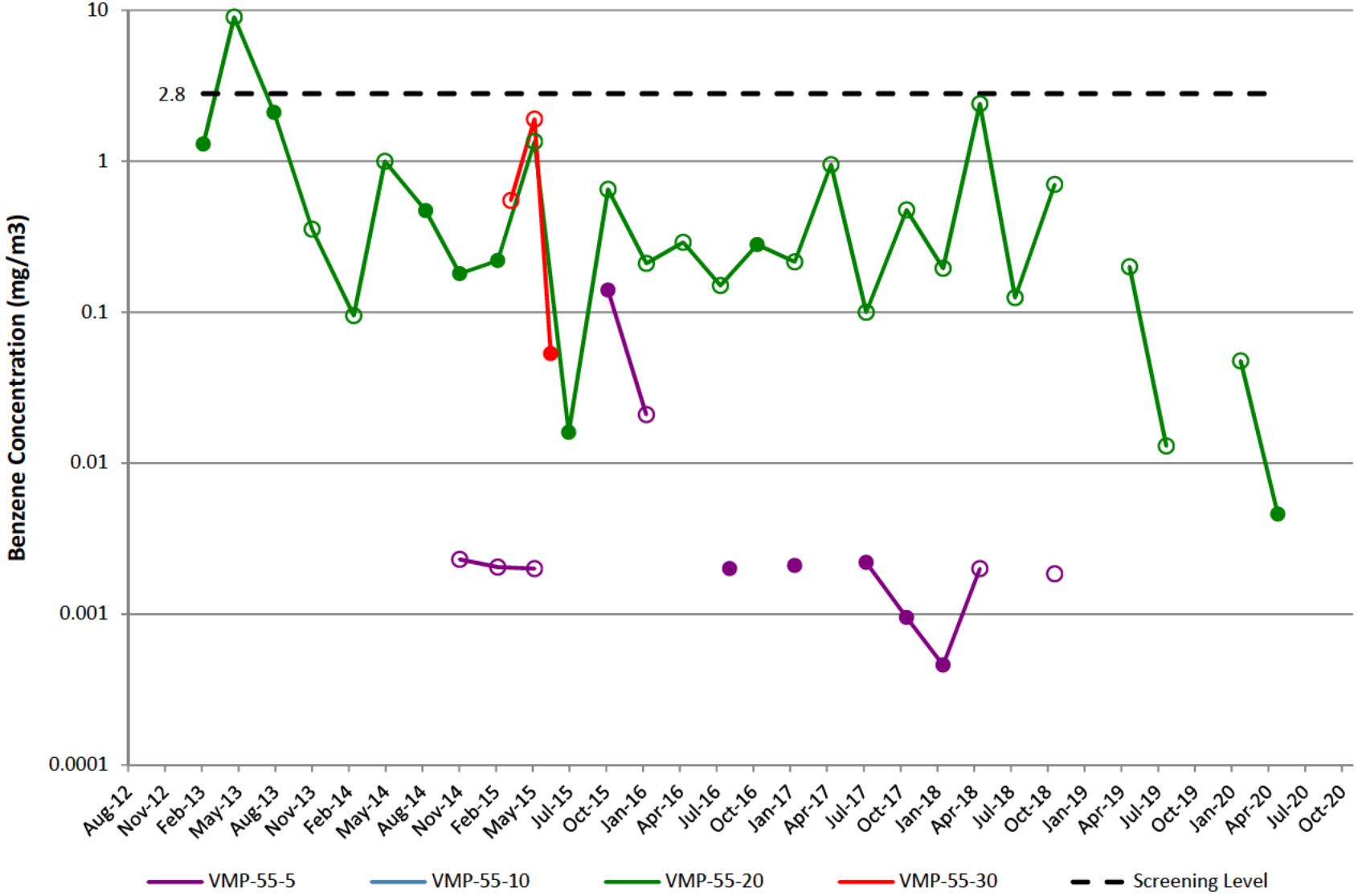
VMP-54

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.



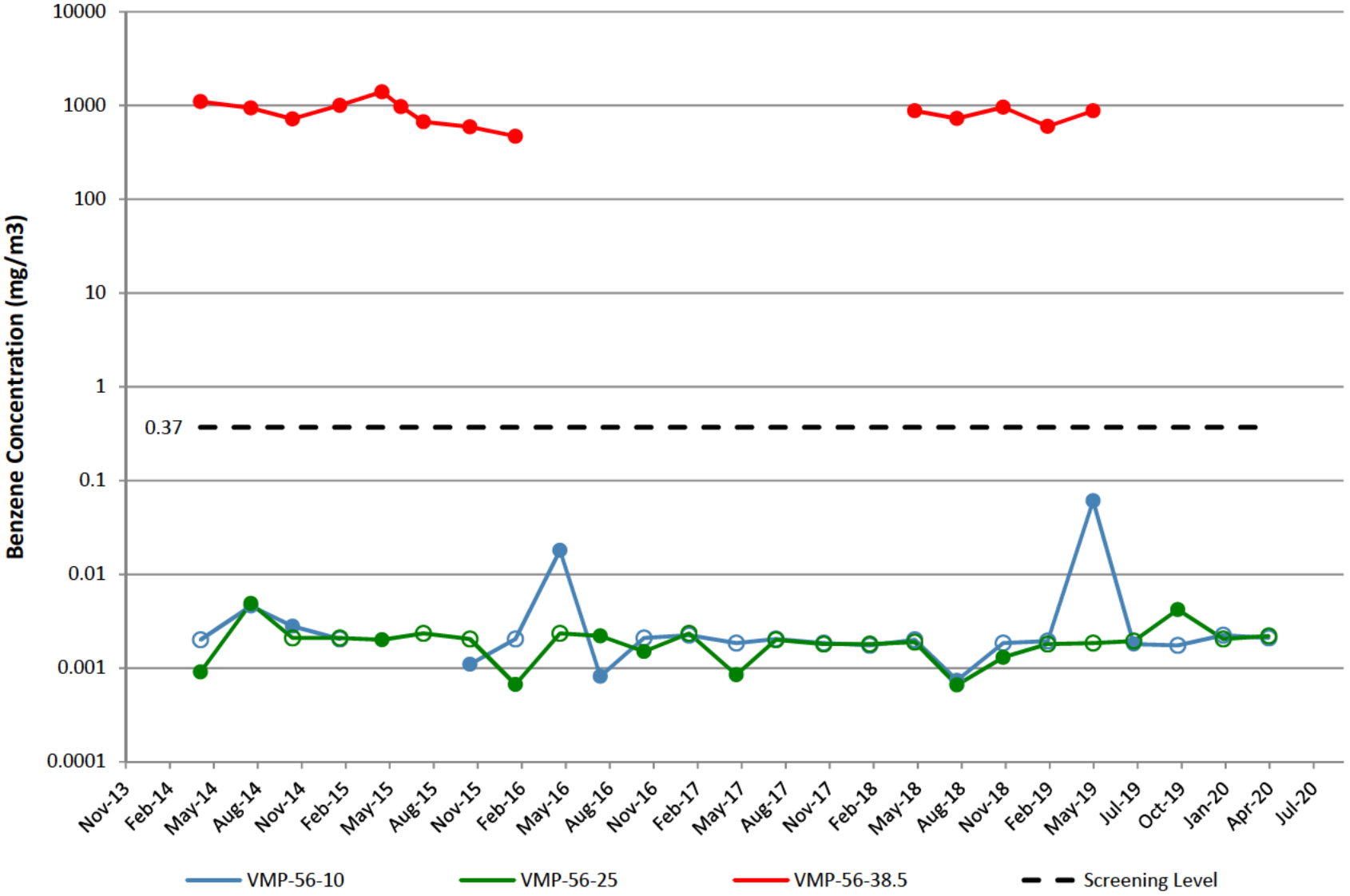
VMP-55

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.



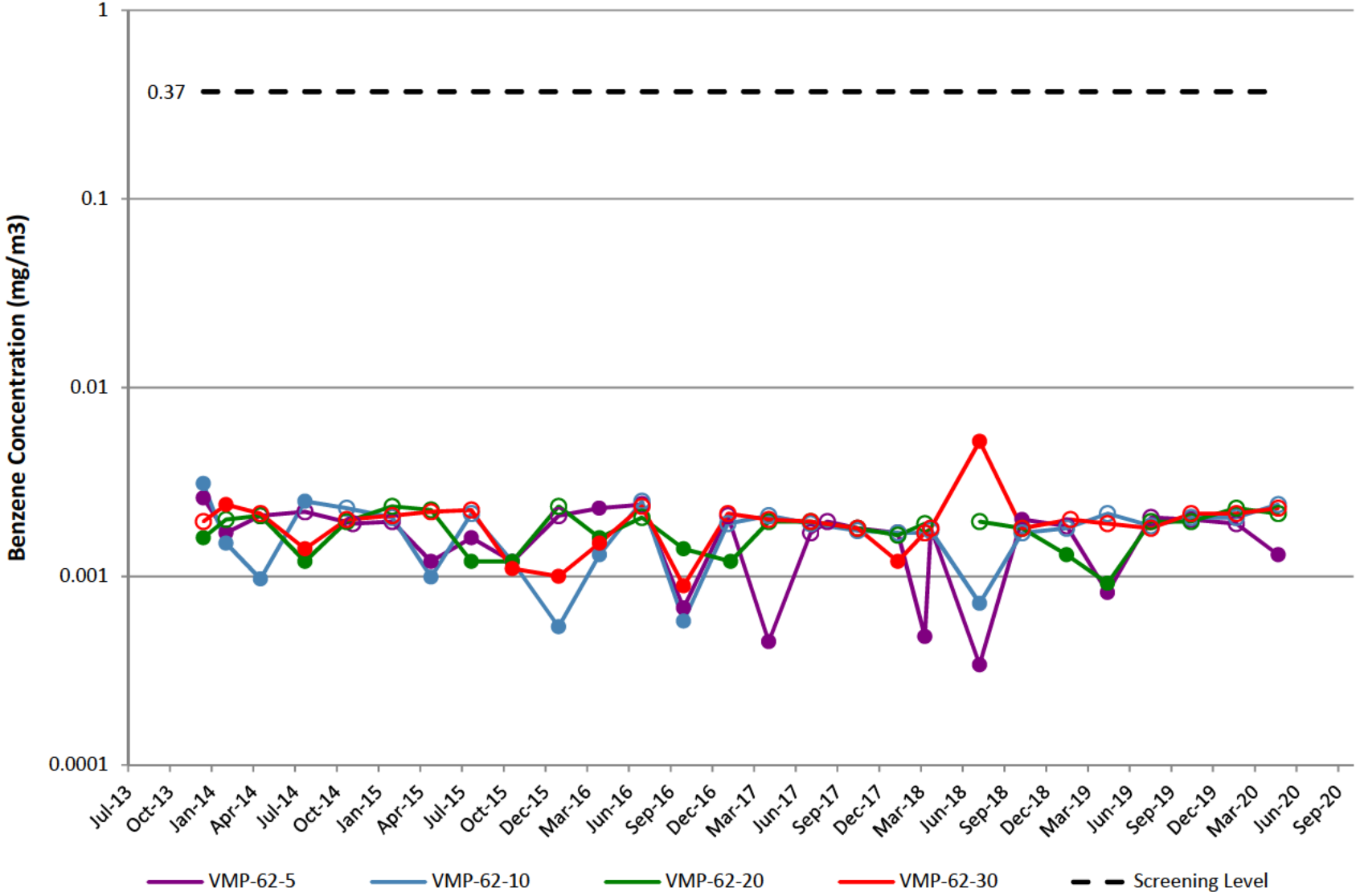
VMP-56

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.



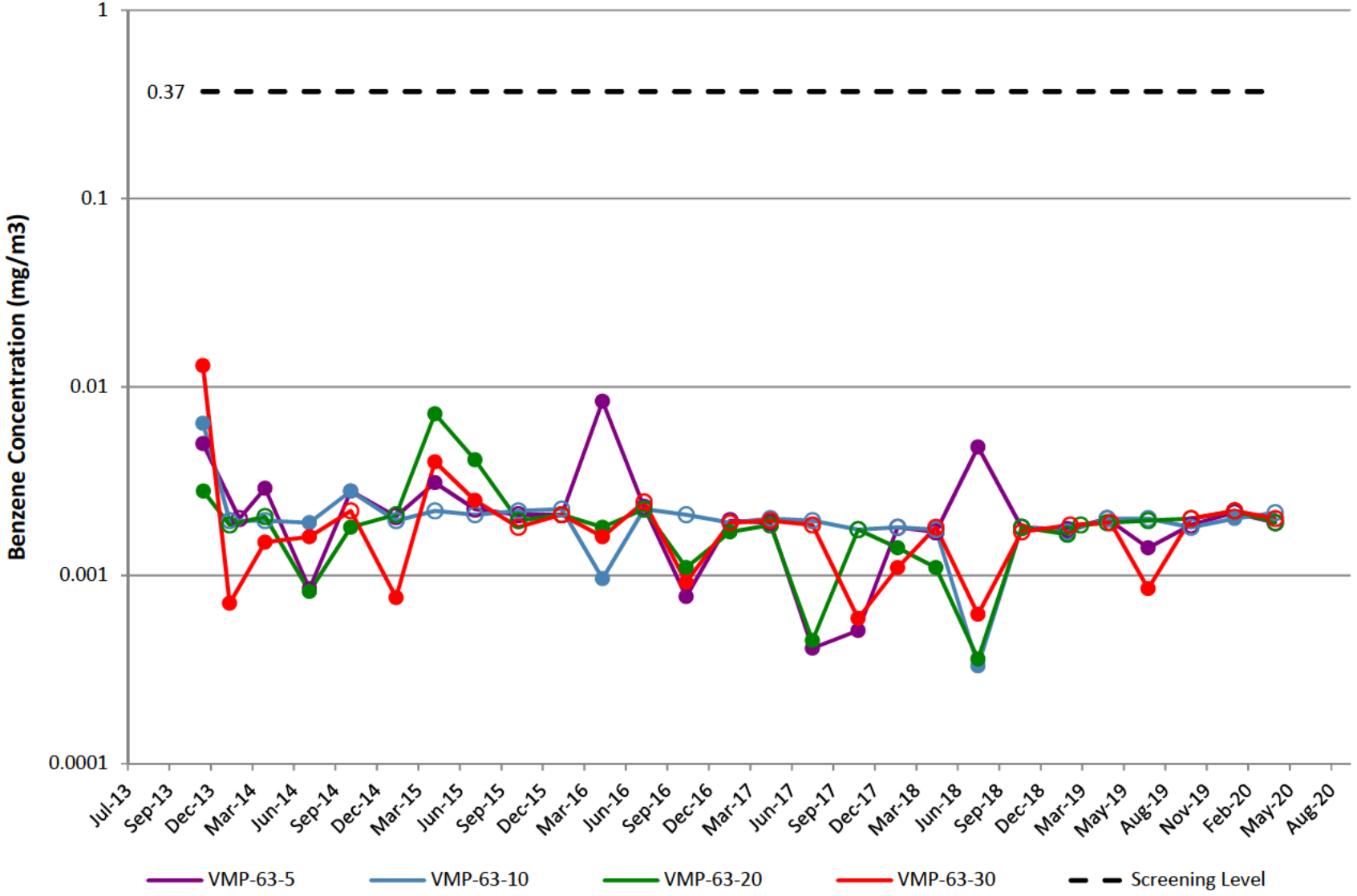
VMP-62

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.



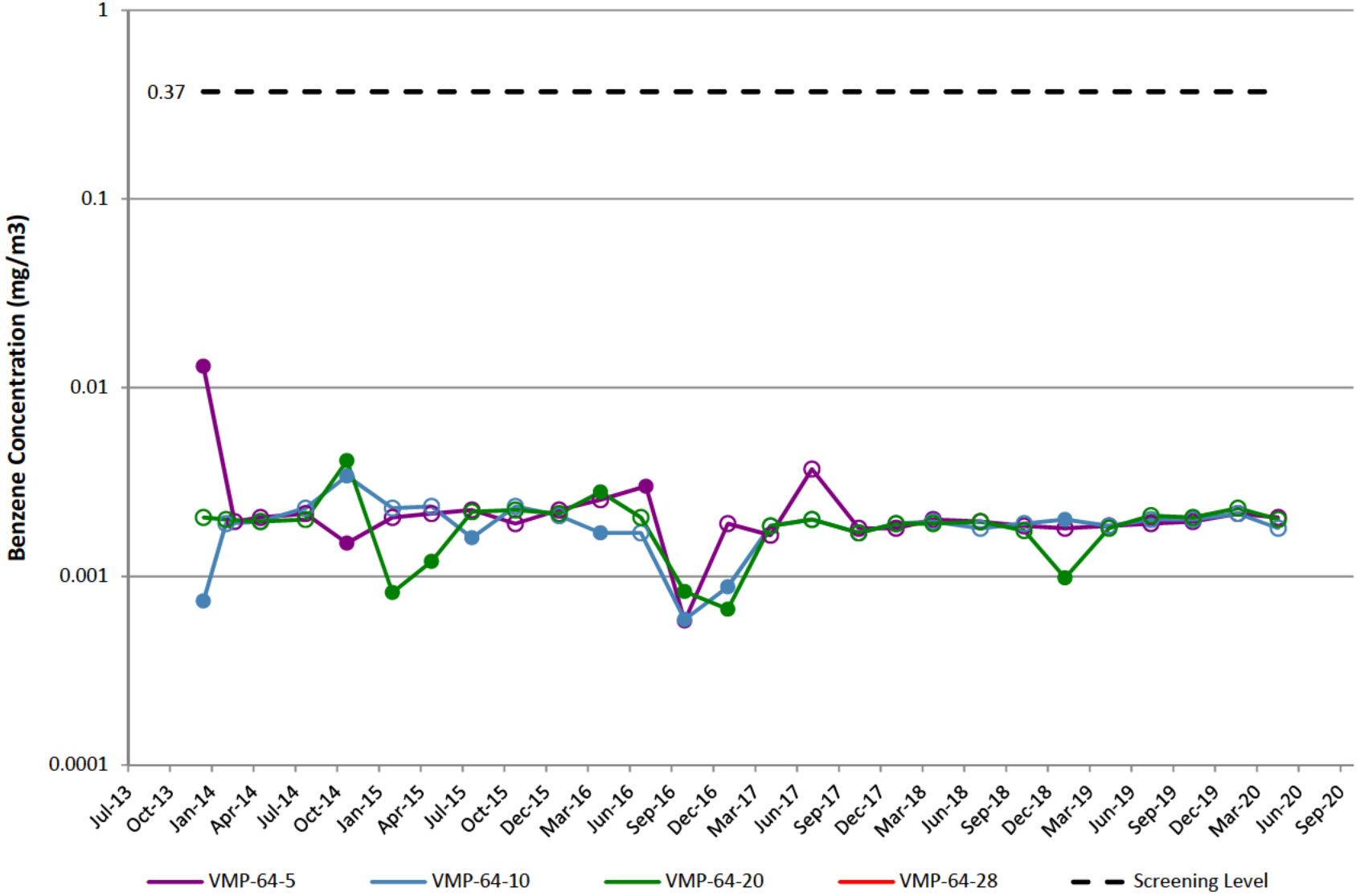
VMP-63

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.



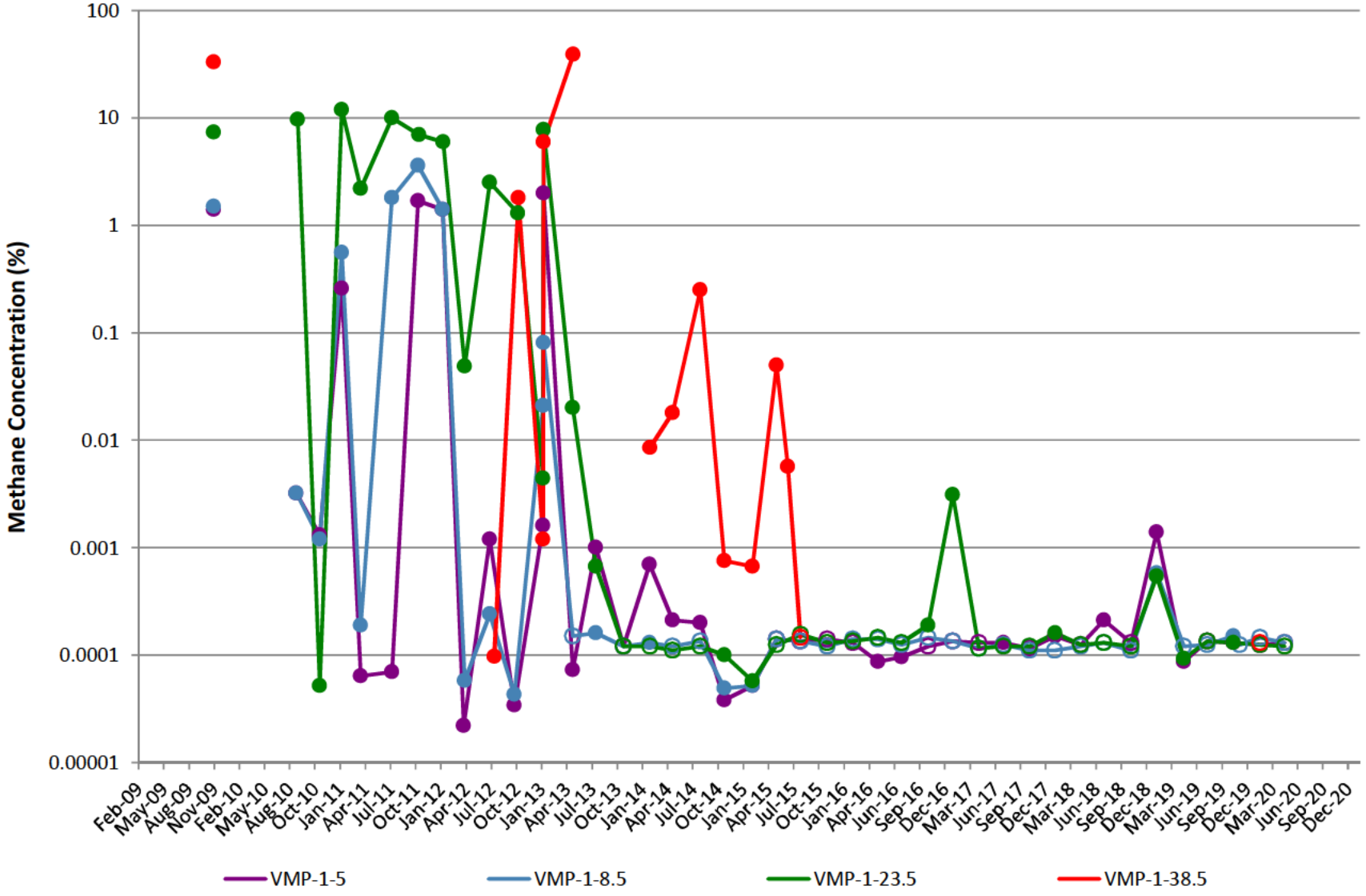
VMP-64

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.



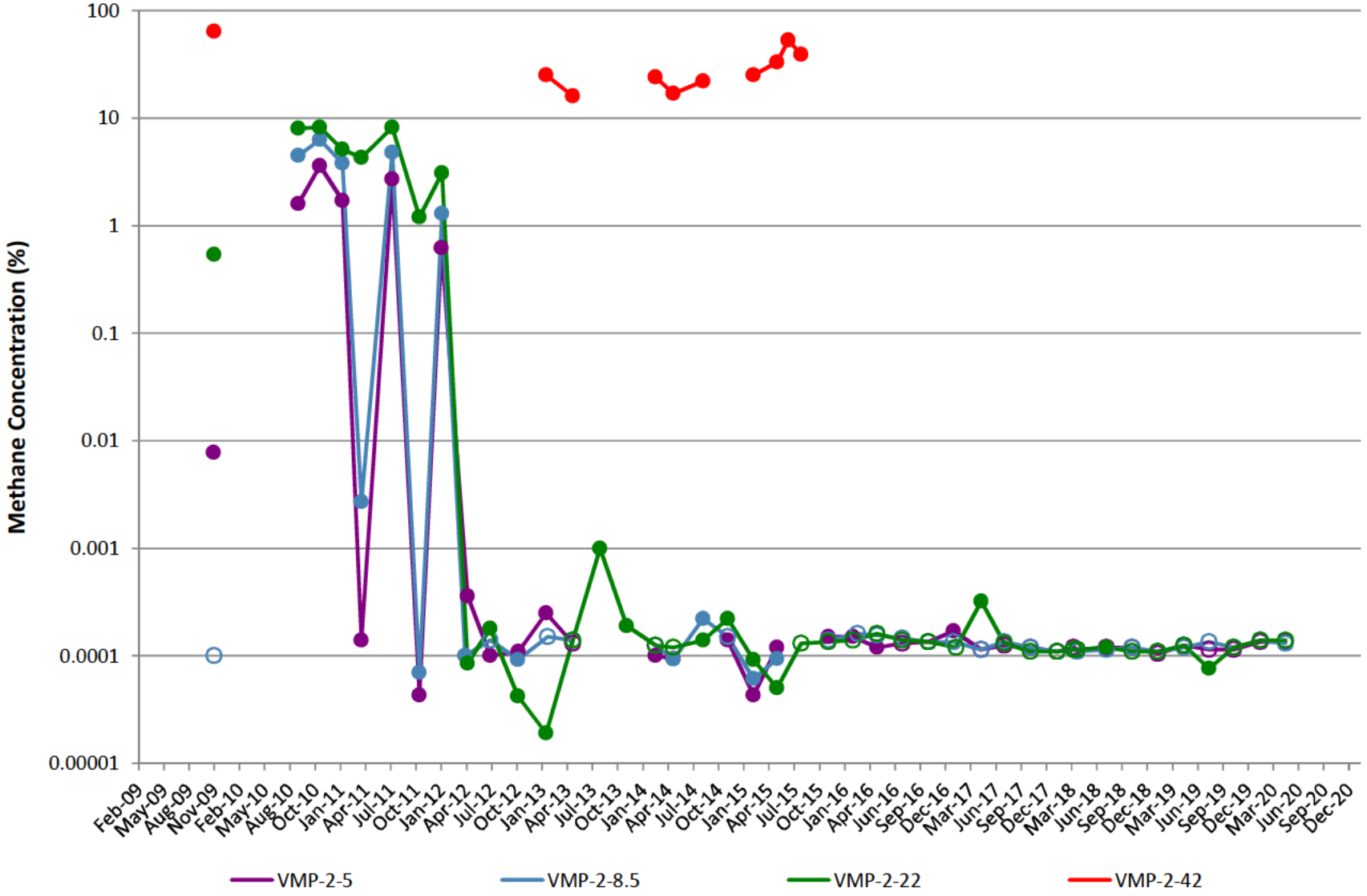
VMP-1

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.



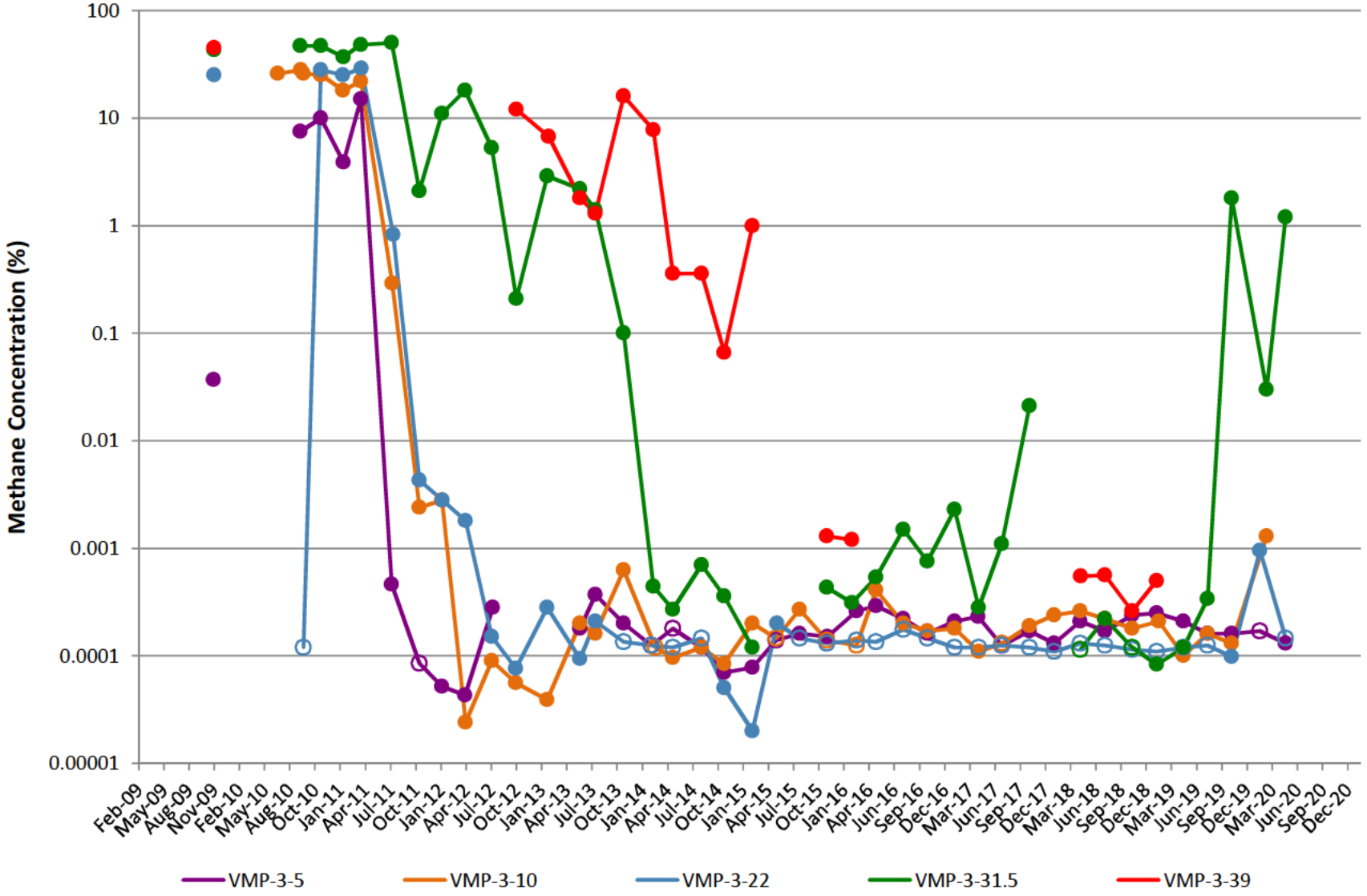
VMP-2

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.



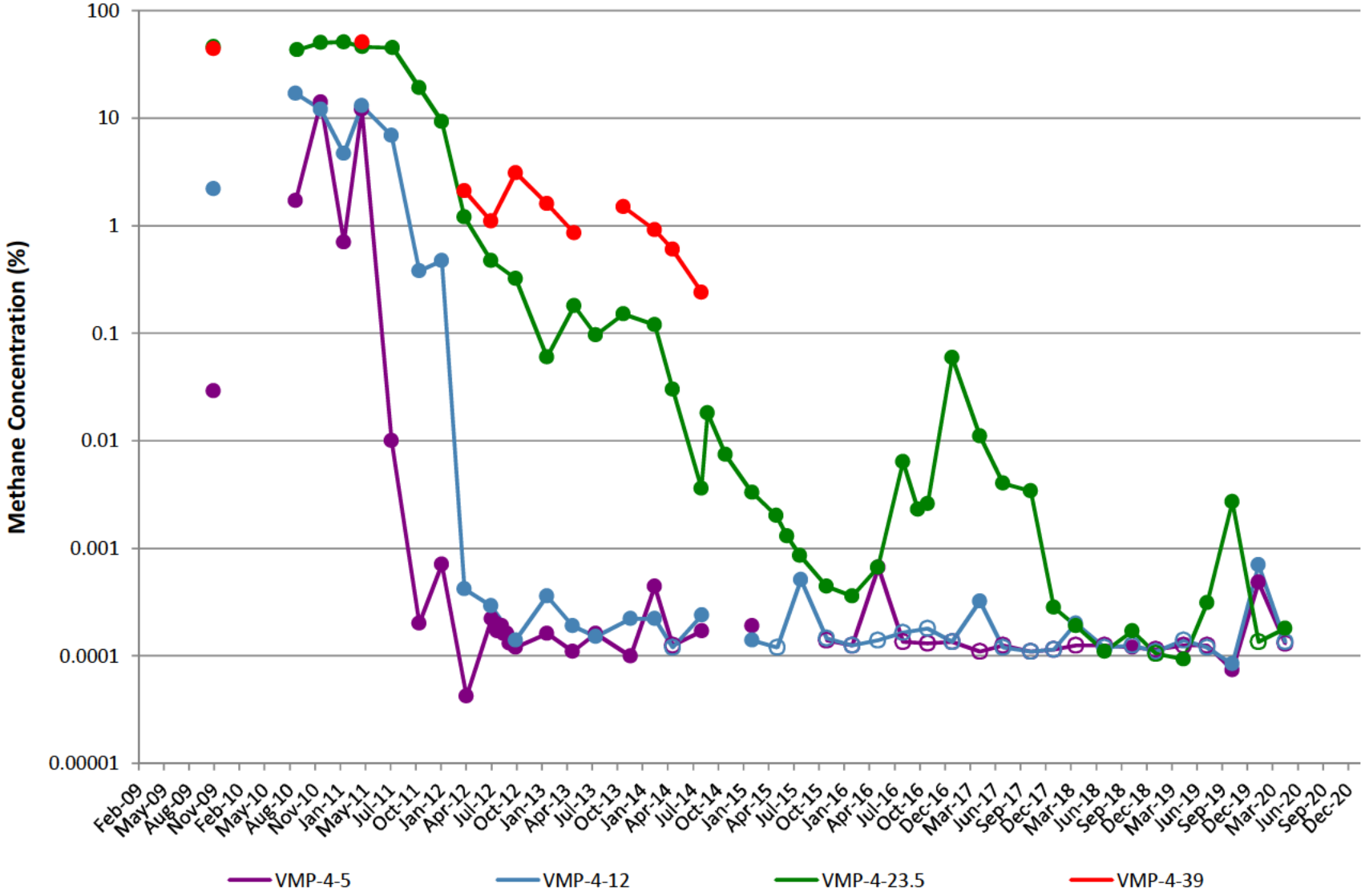
VMP-3

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.



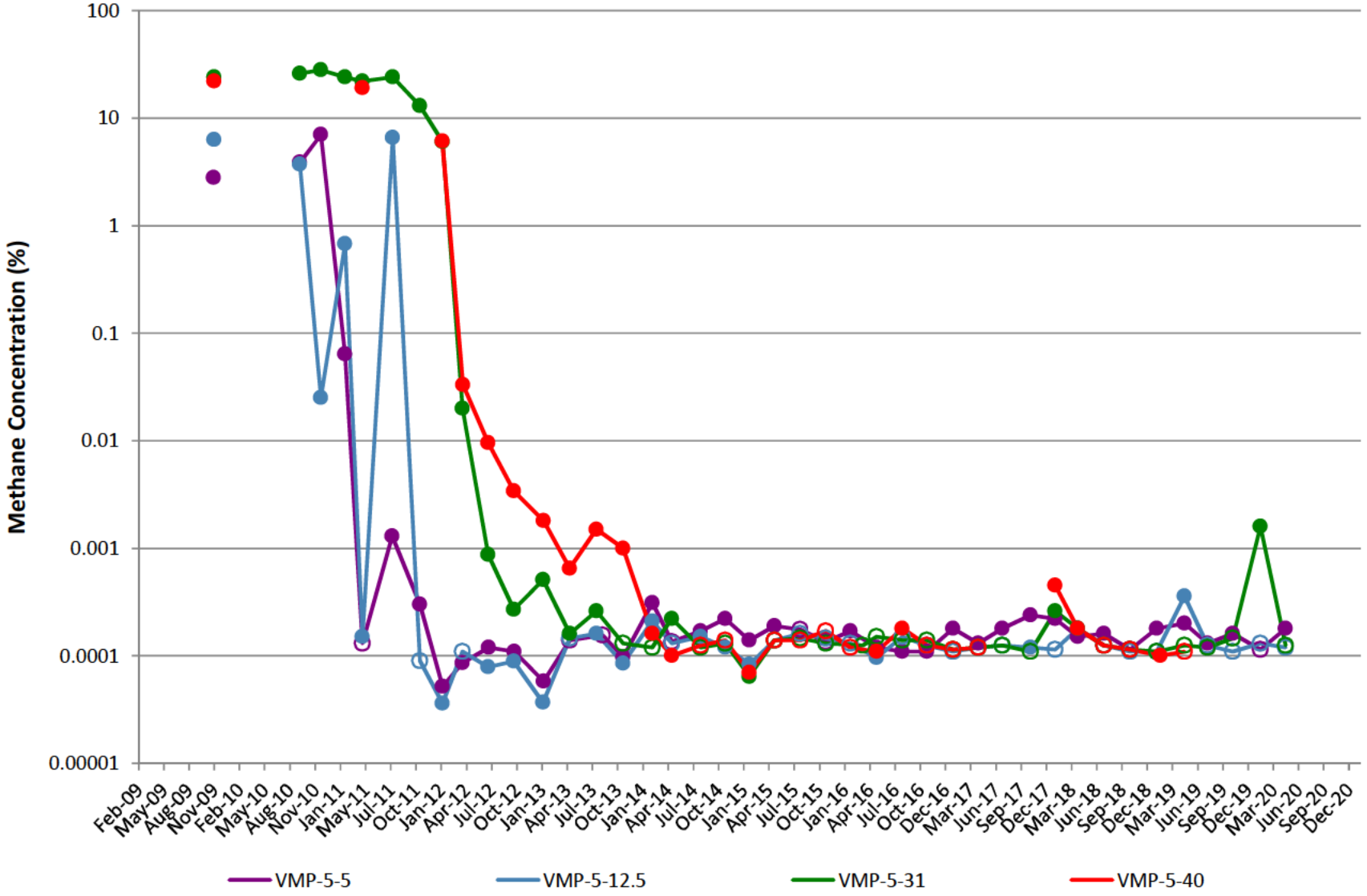
VMP-4

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.



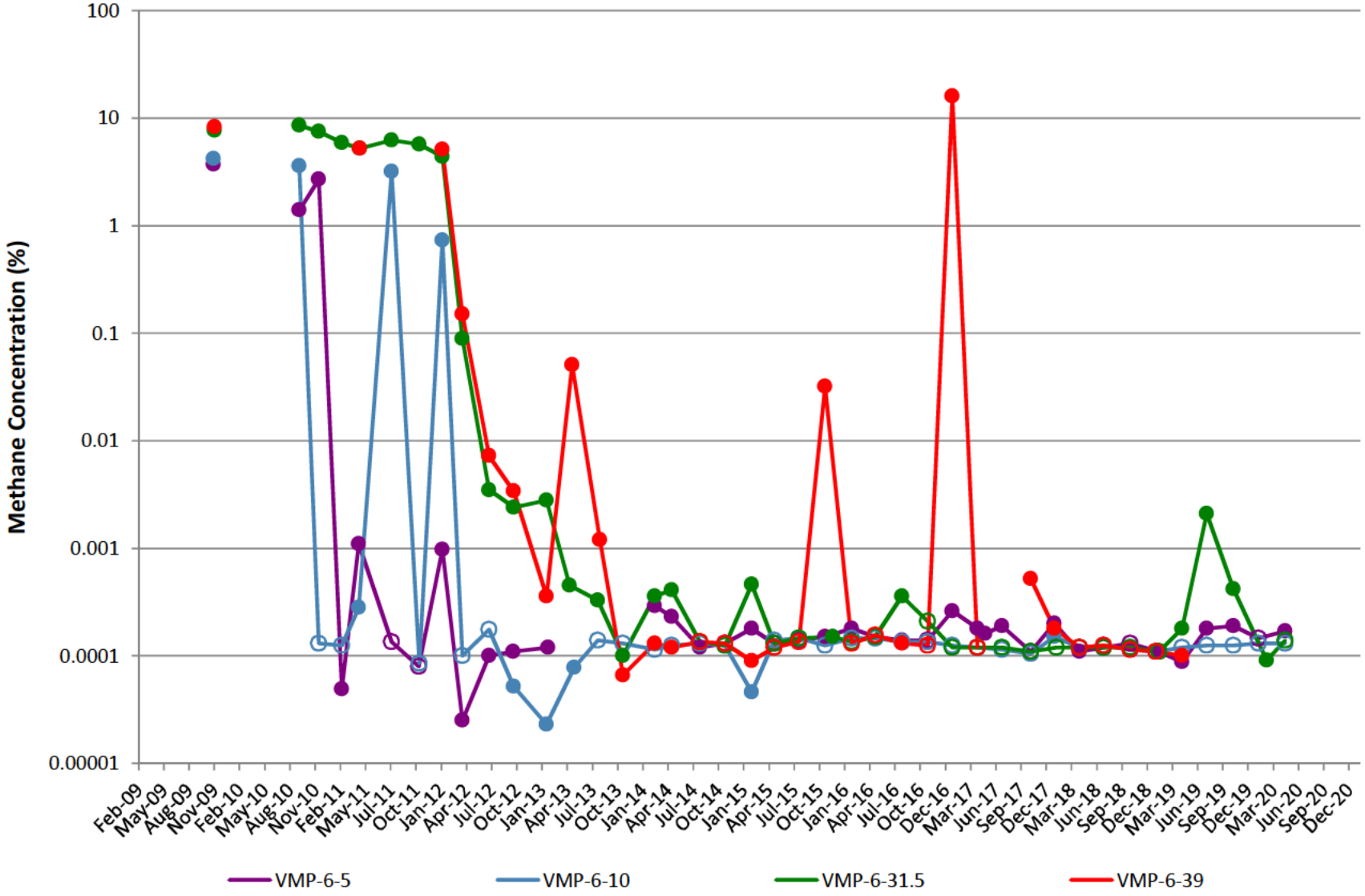
VMP-5

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.



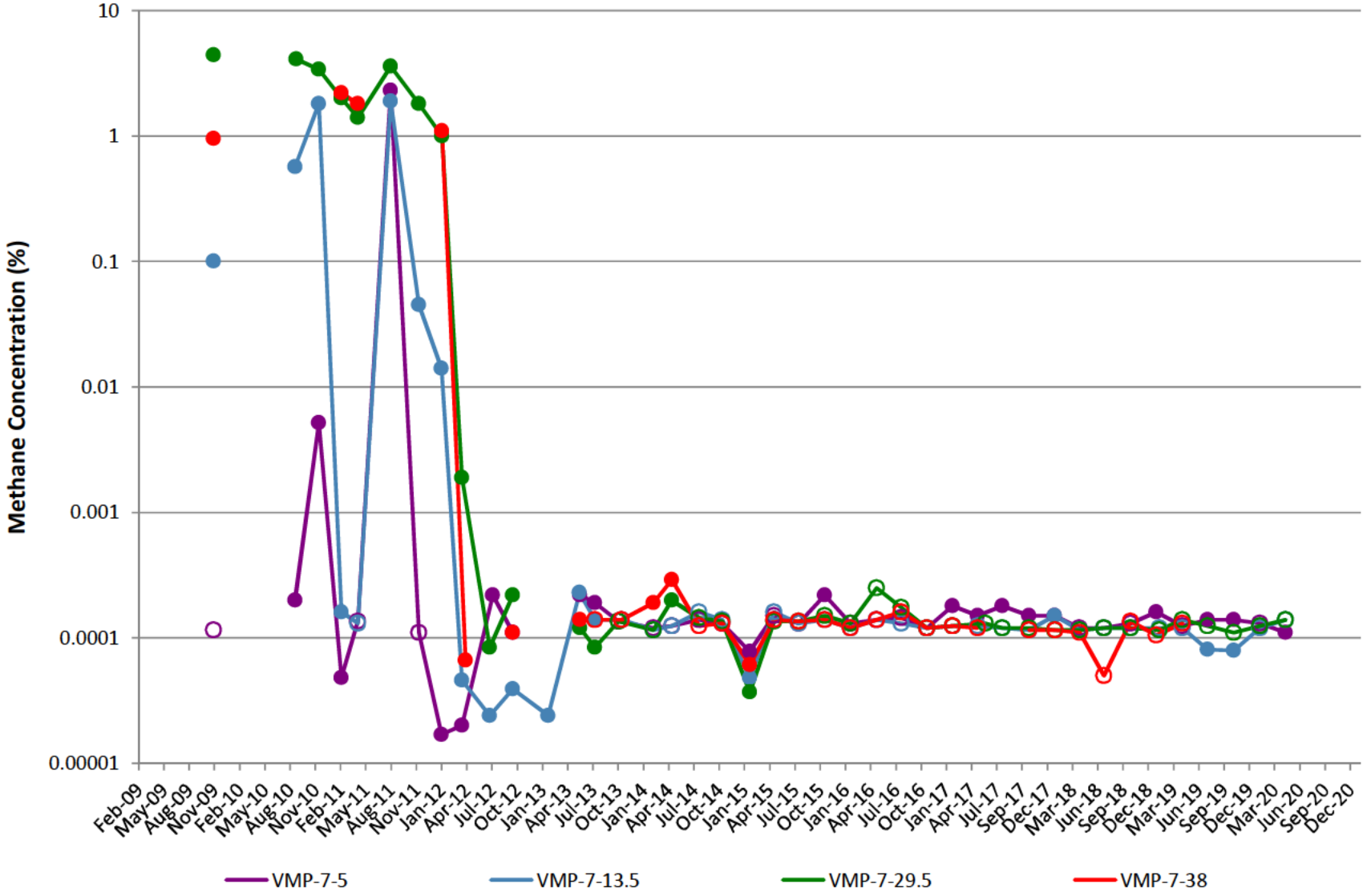
VMP-6

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.



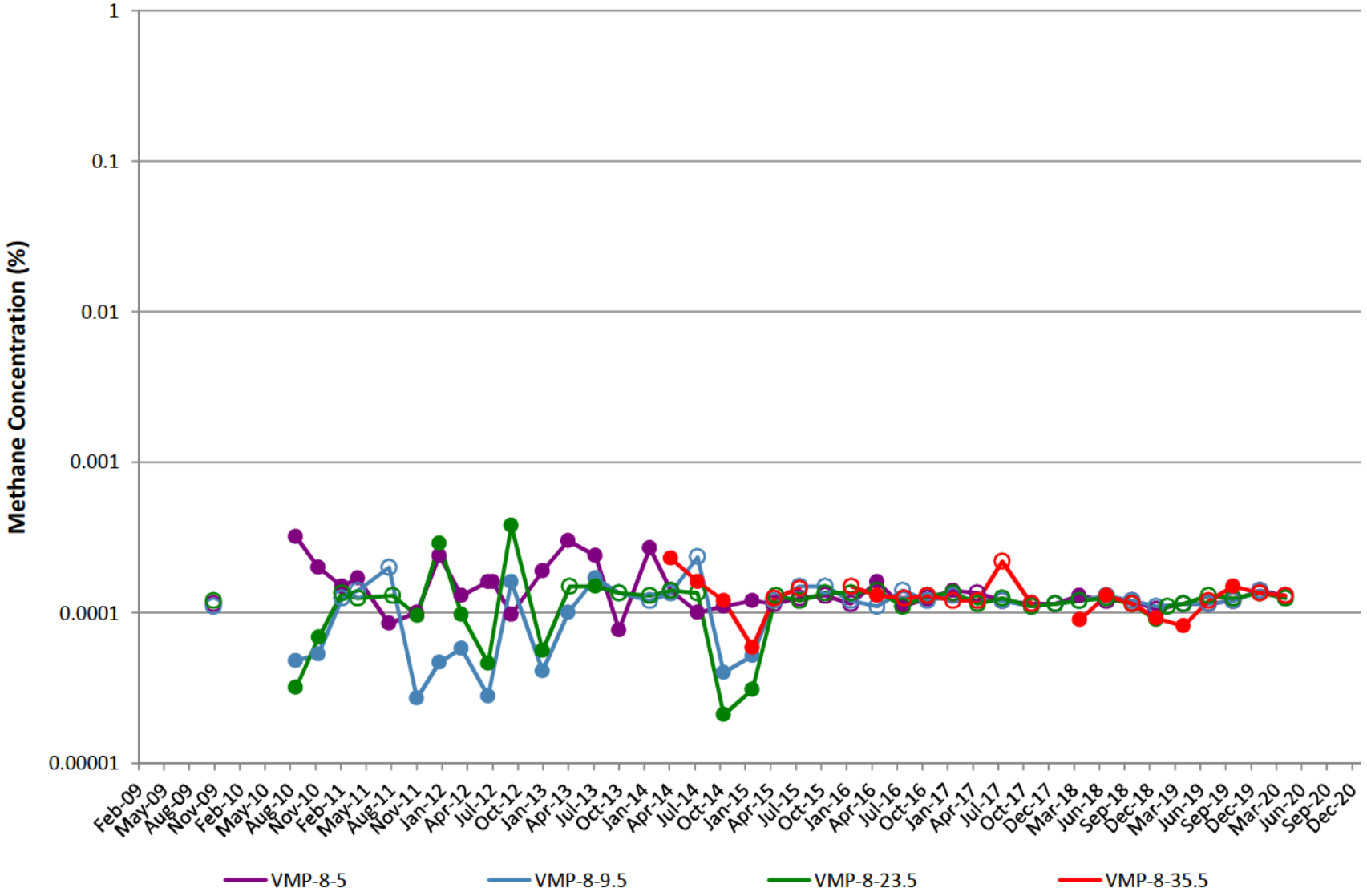
VMP-7

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.



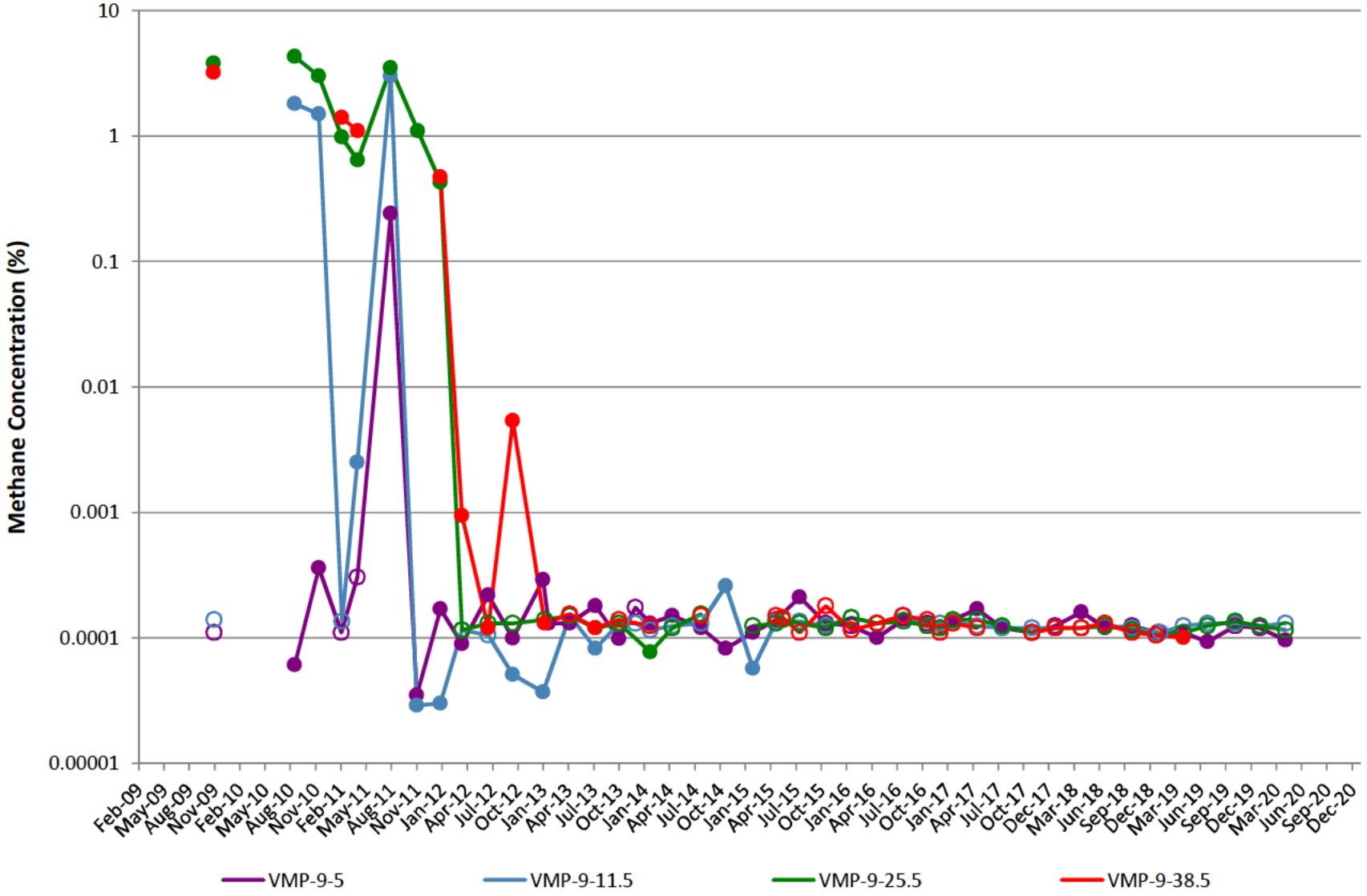
VMP-8

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.



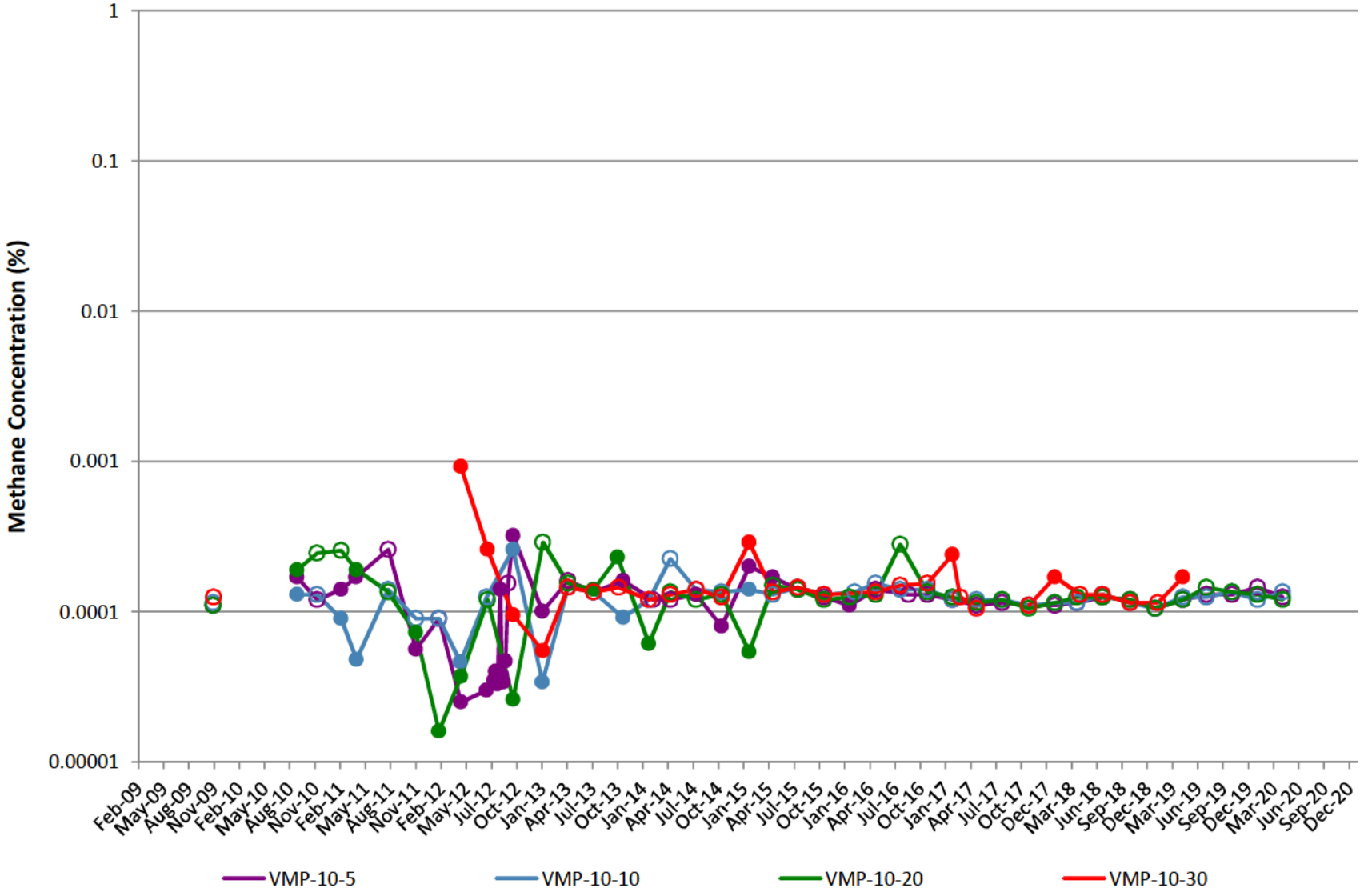
VMP-9

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.



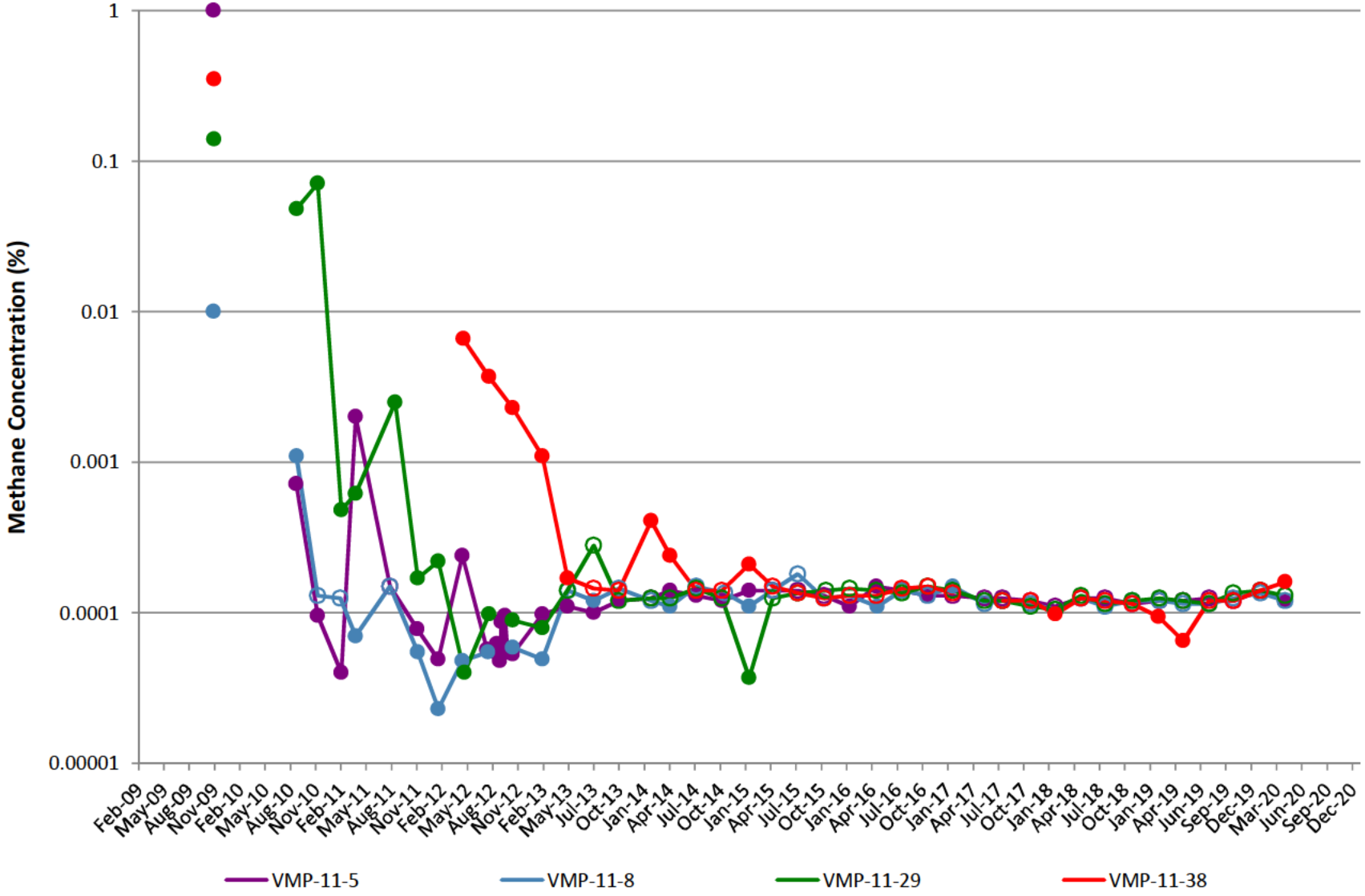
VMP-10

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.



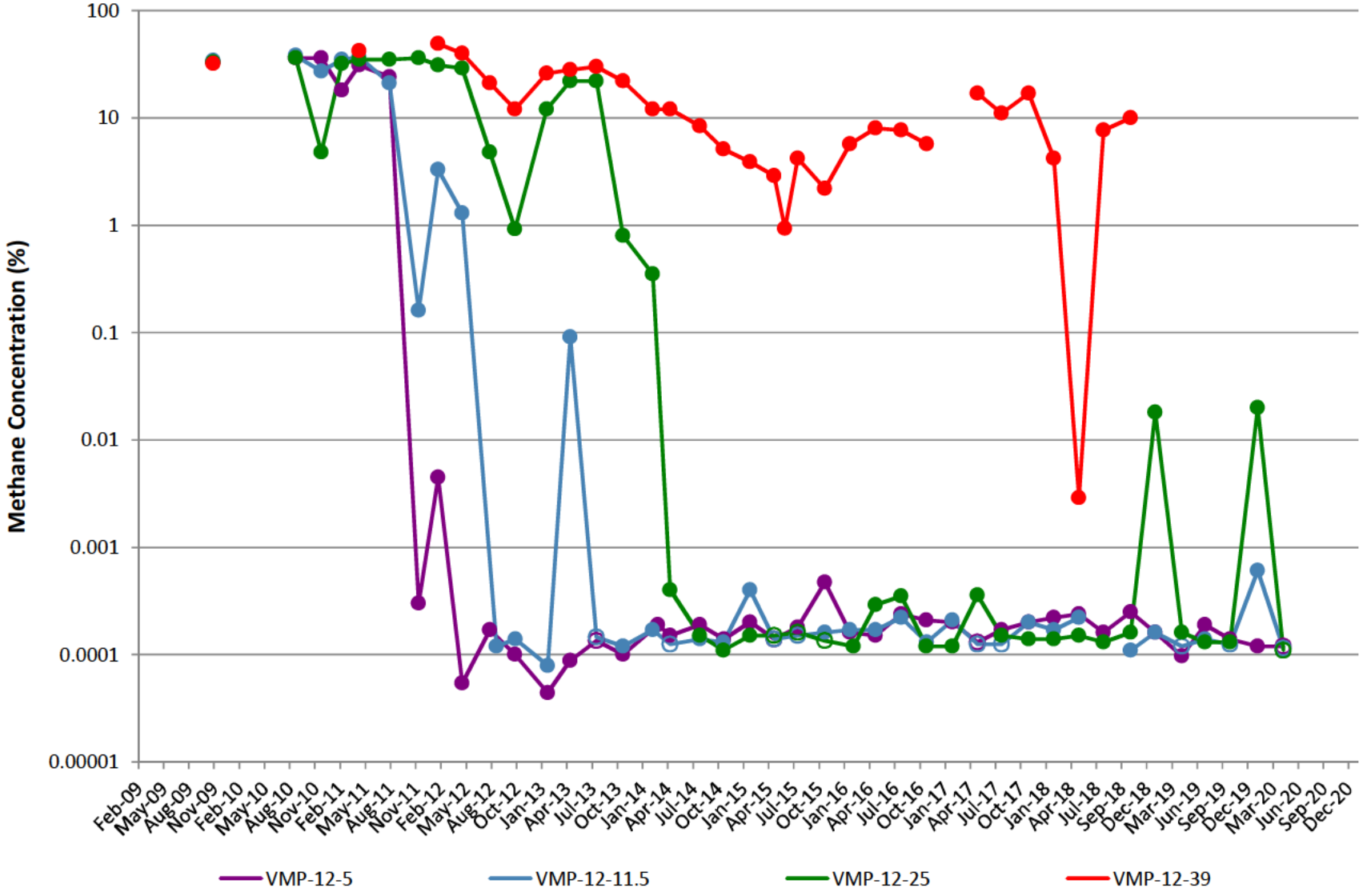
VMP-11

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.



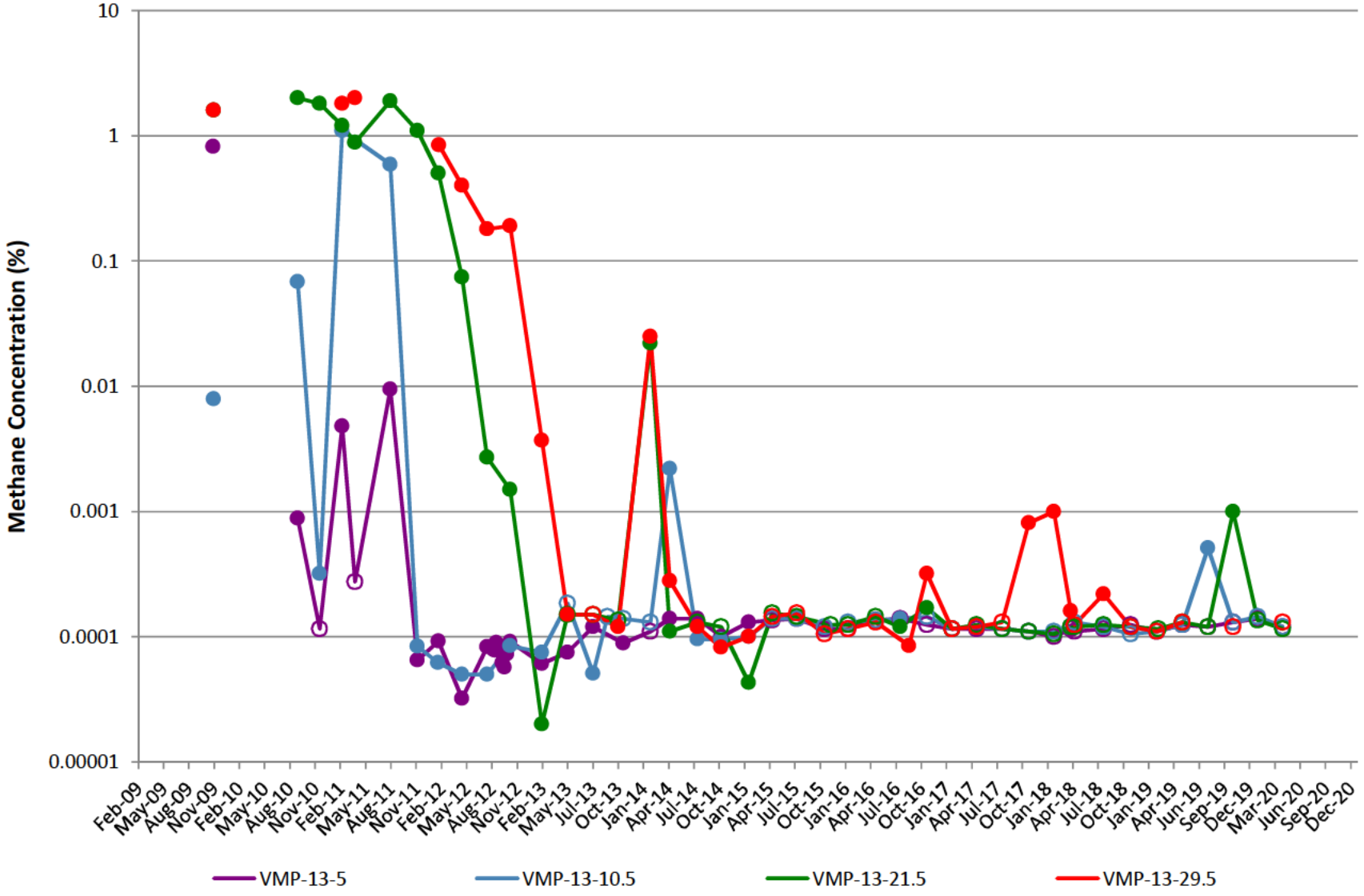
VMP-12

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.



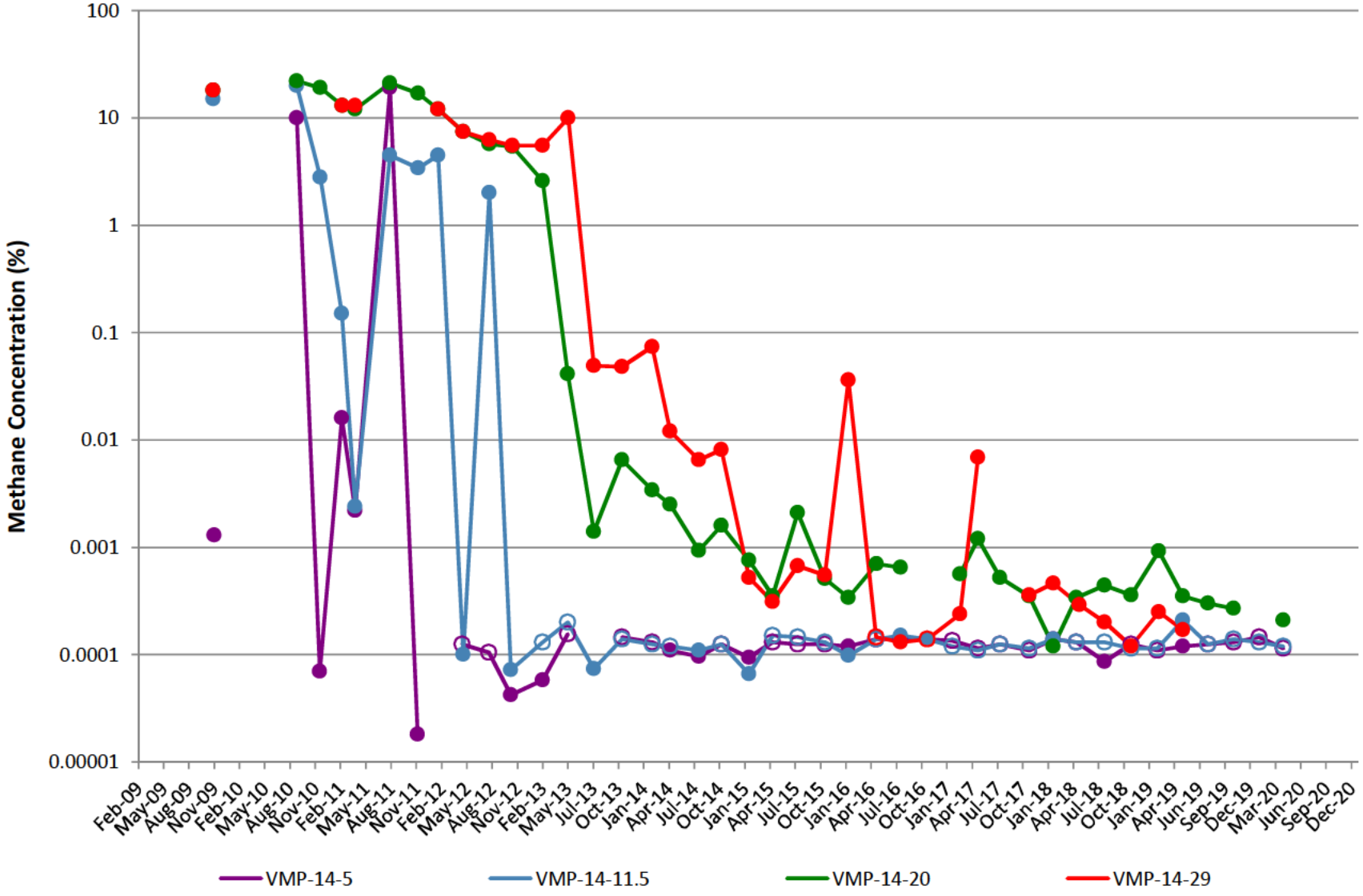
VMP-13

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.



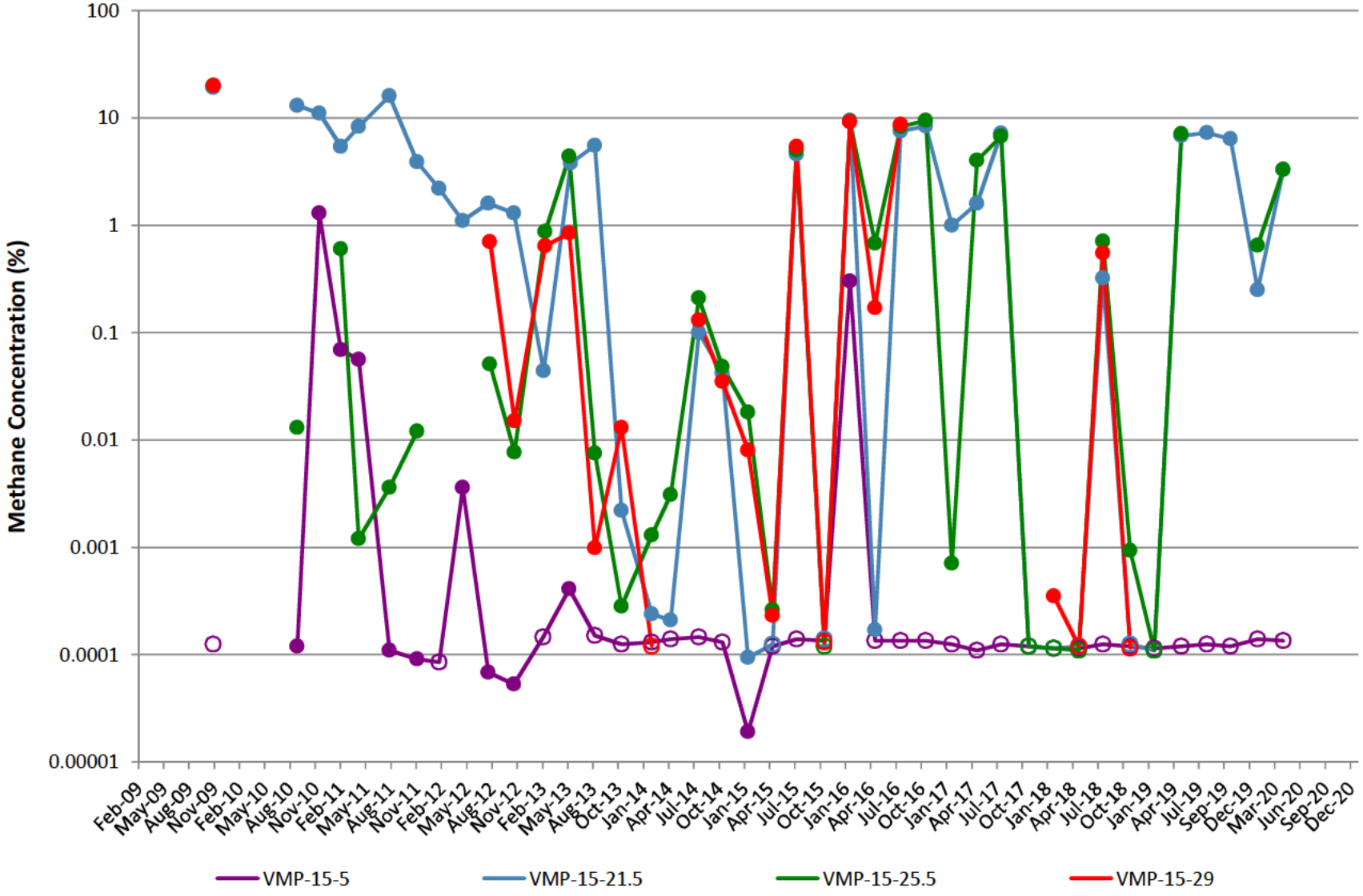
VMP-14

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.



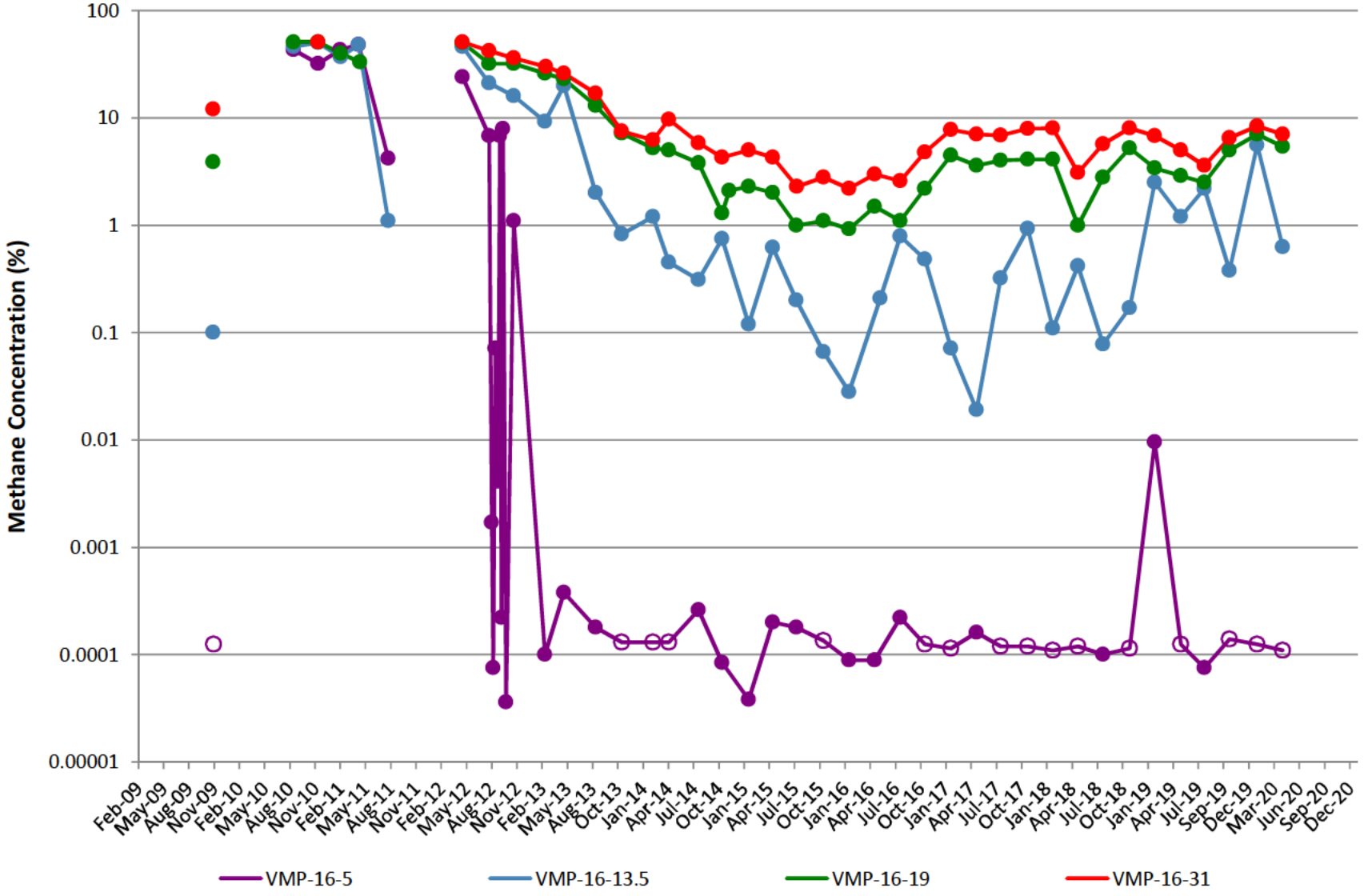
VMP-15

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.



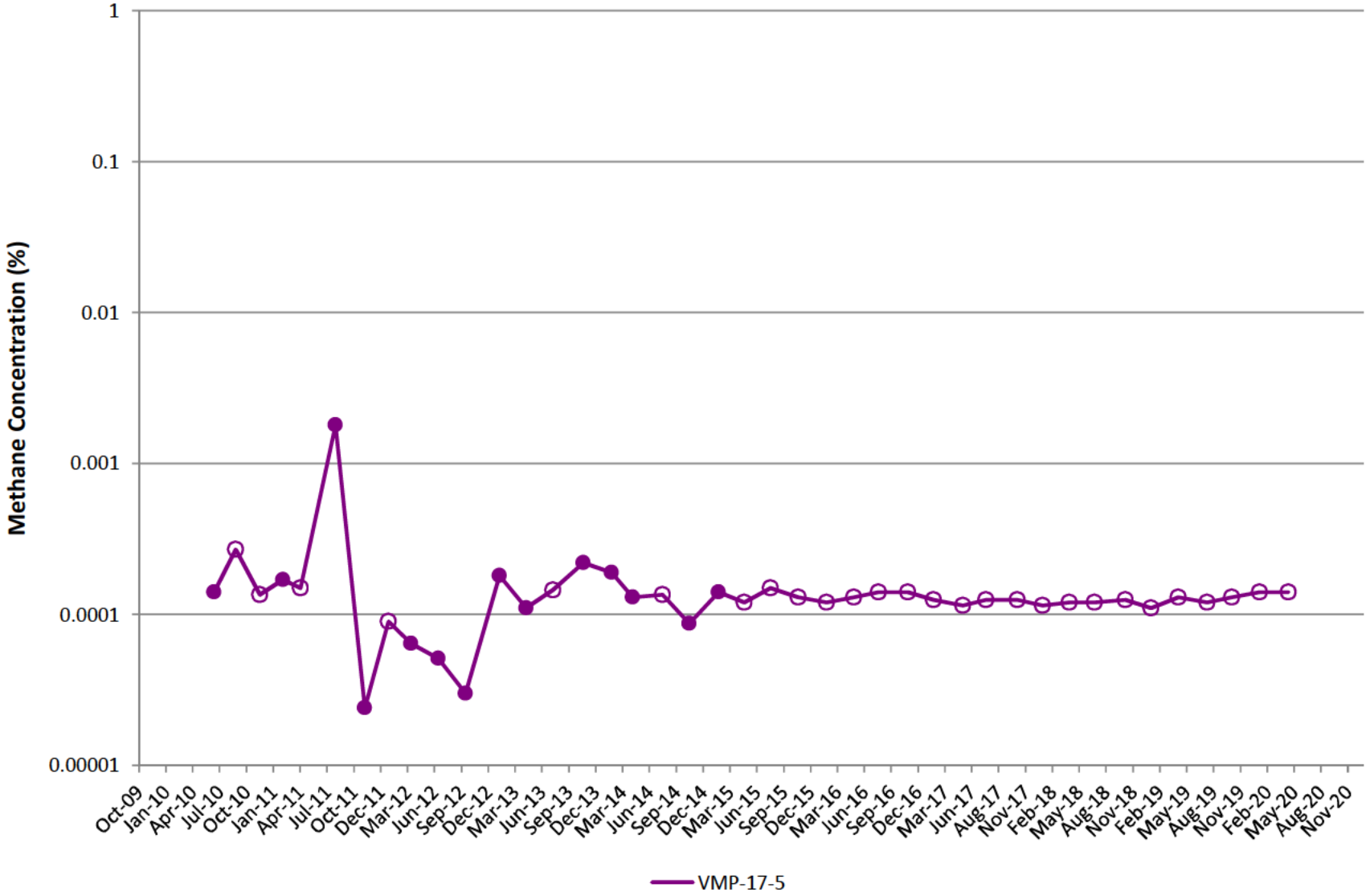
VMP-16

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.



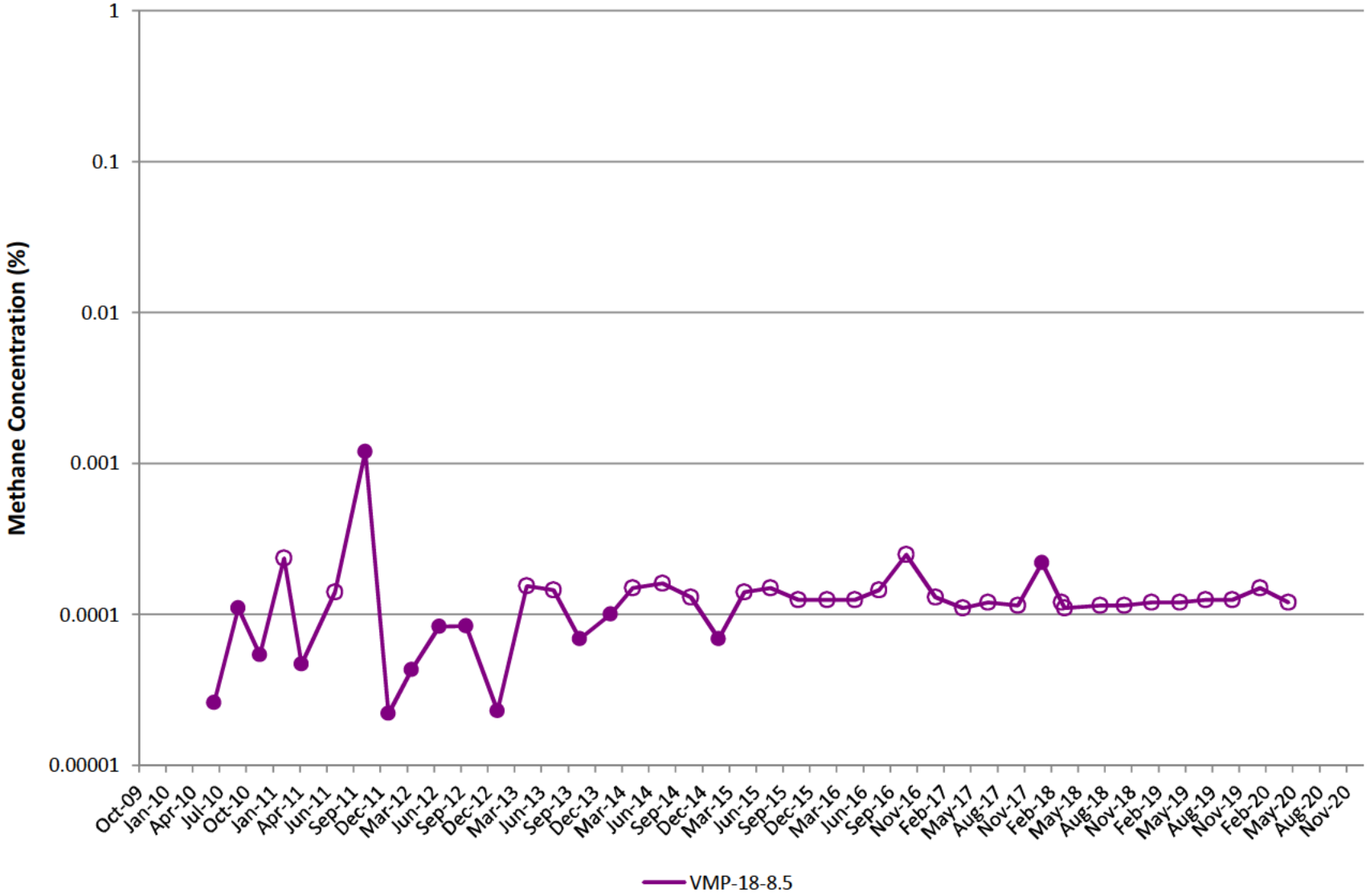
VMP-17

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.



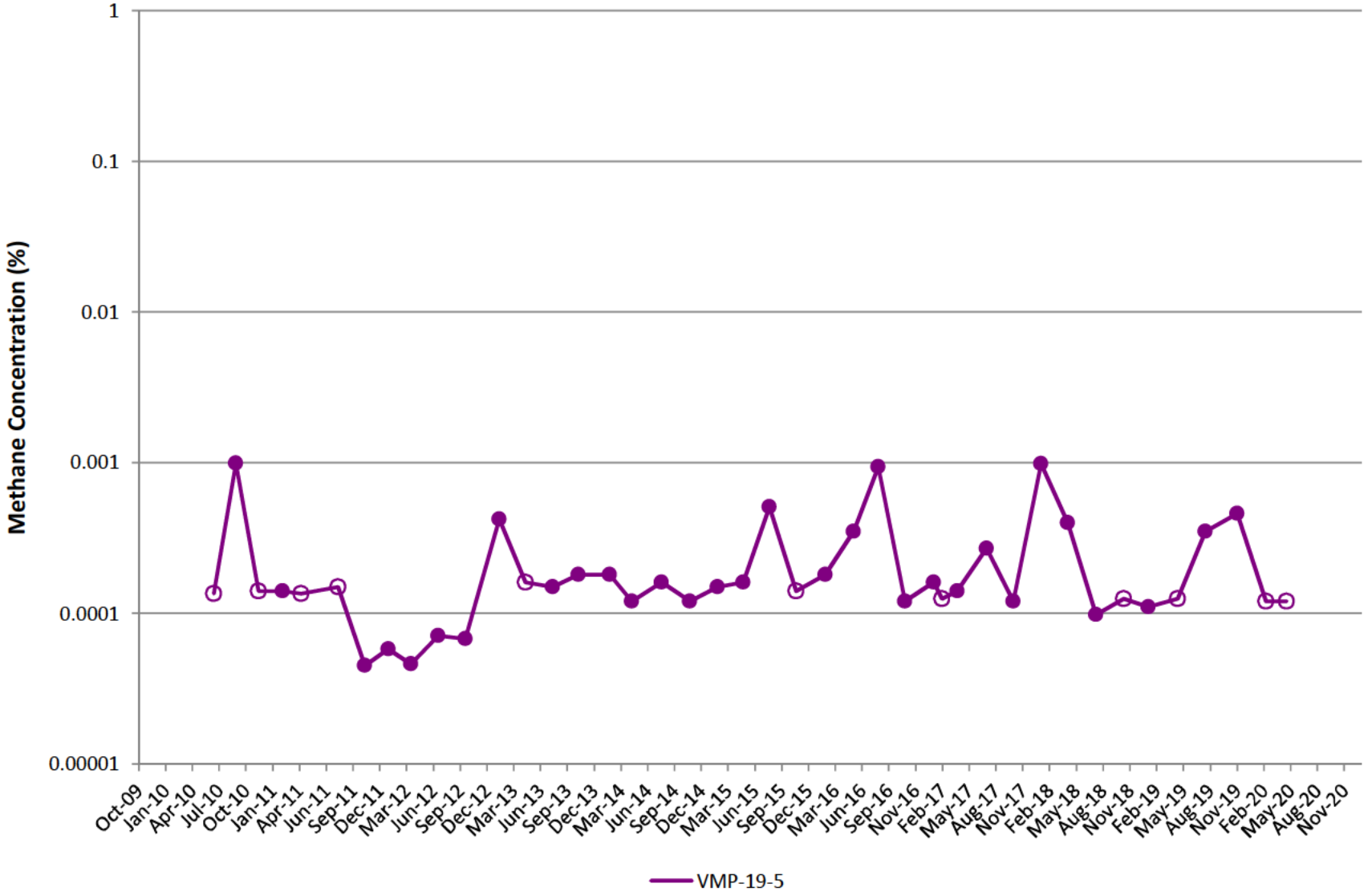
VMP-18

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.



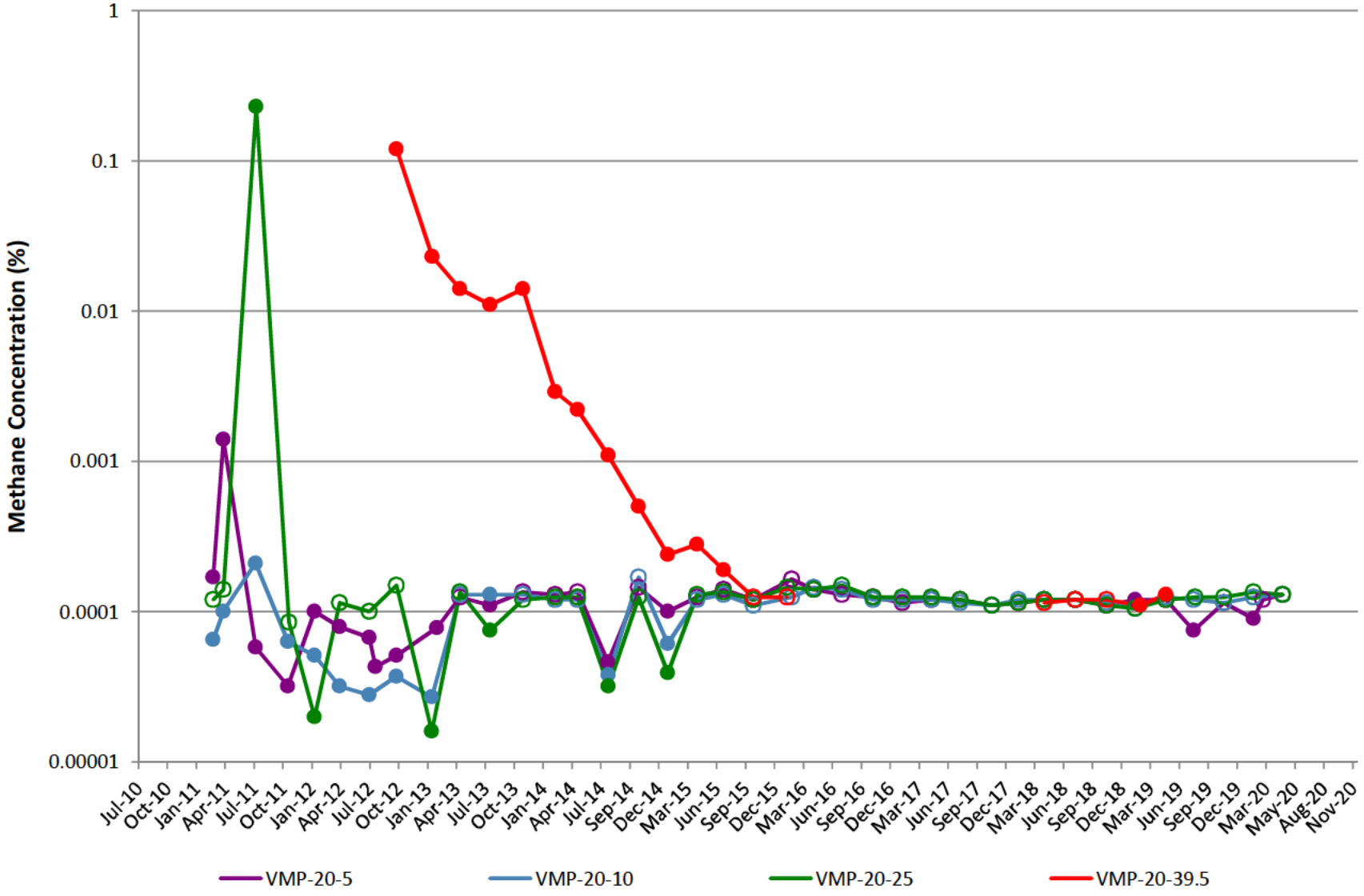
VMP-19

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.



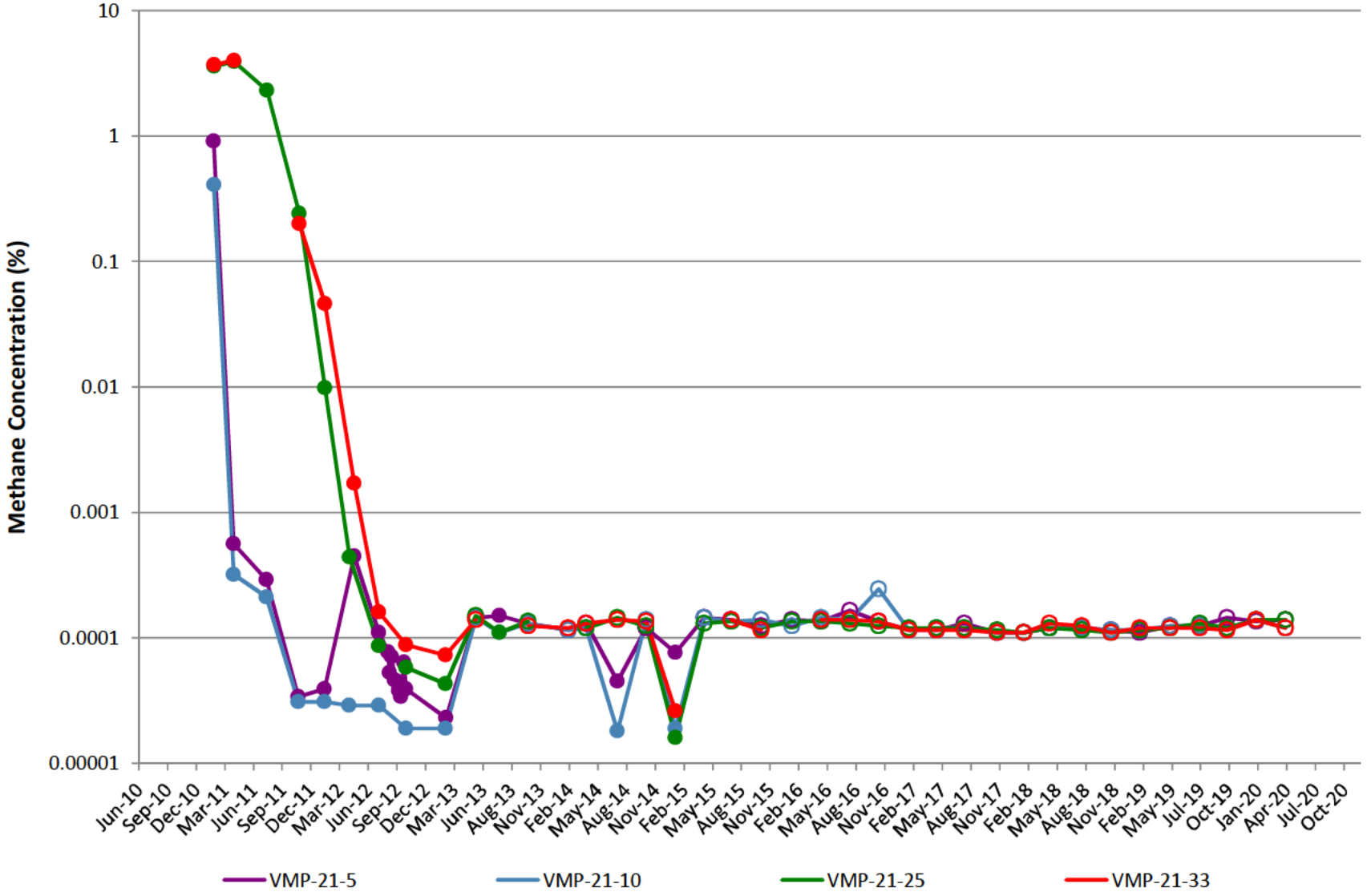
VMP-20

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.



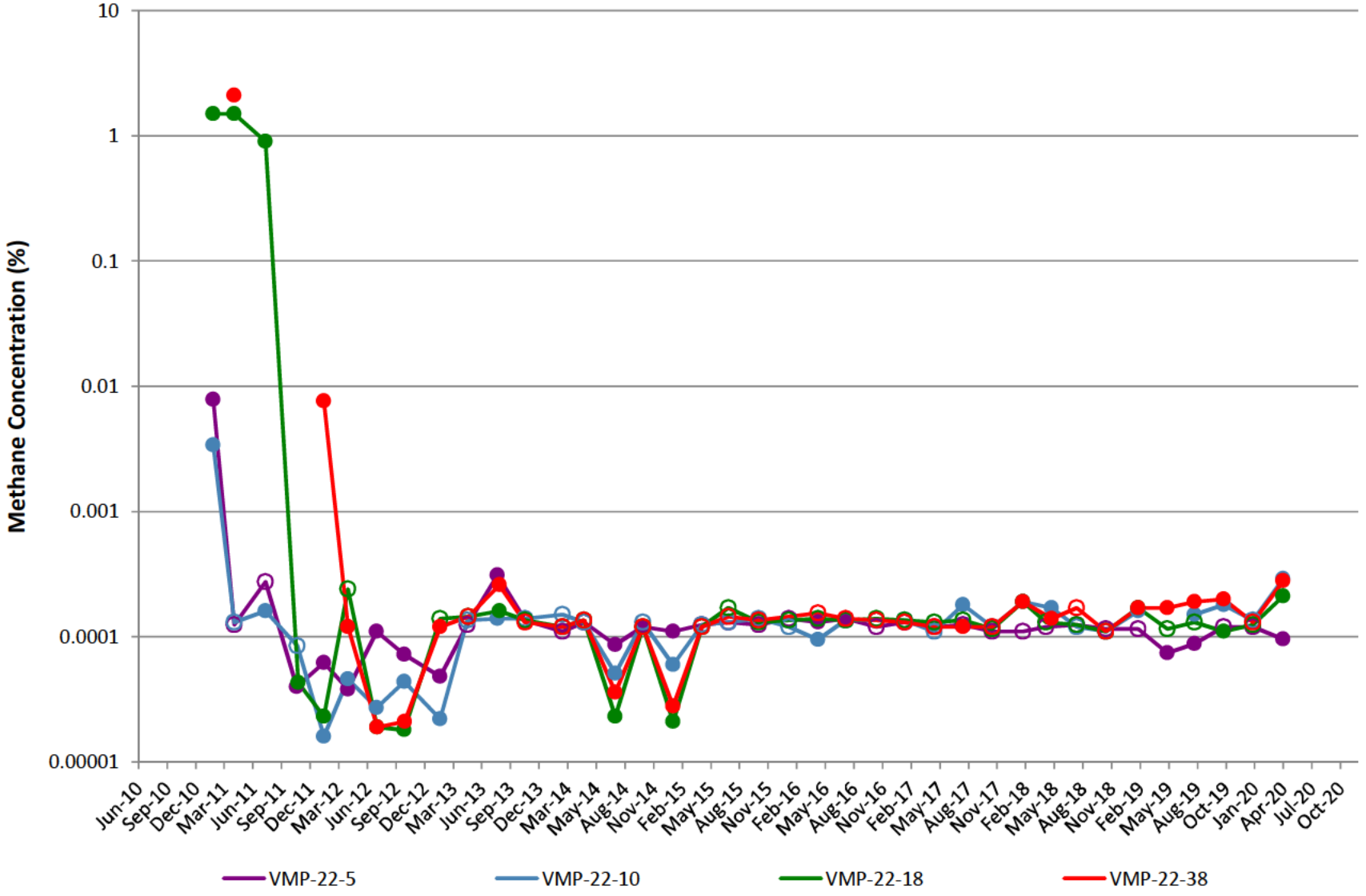
VMP-21

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.



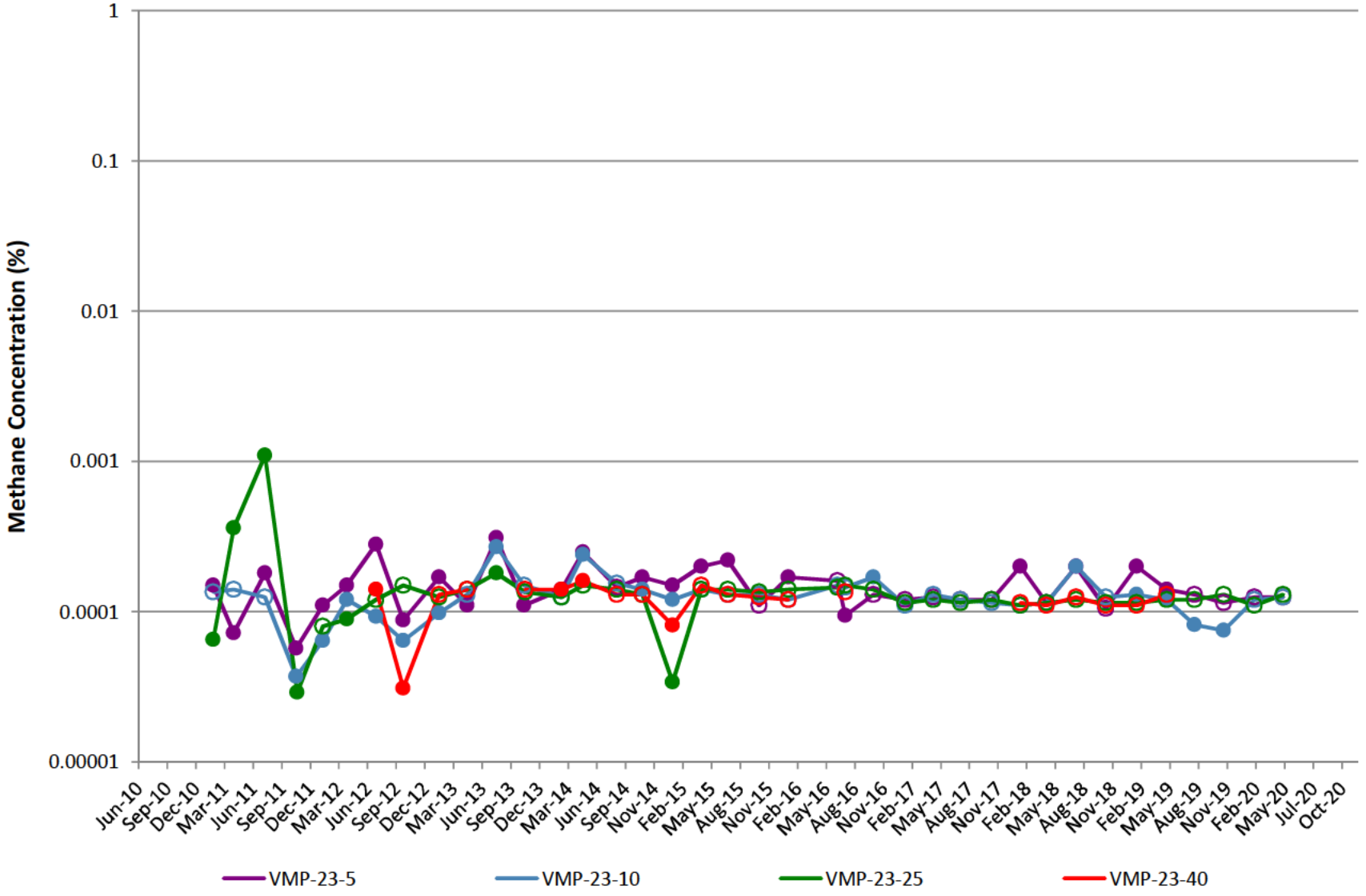
VMP-22

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.



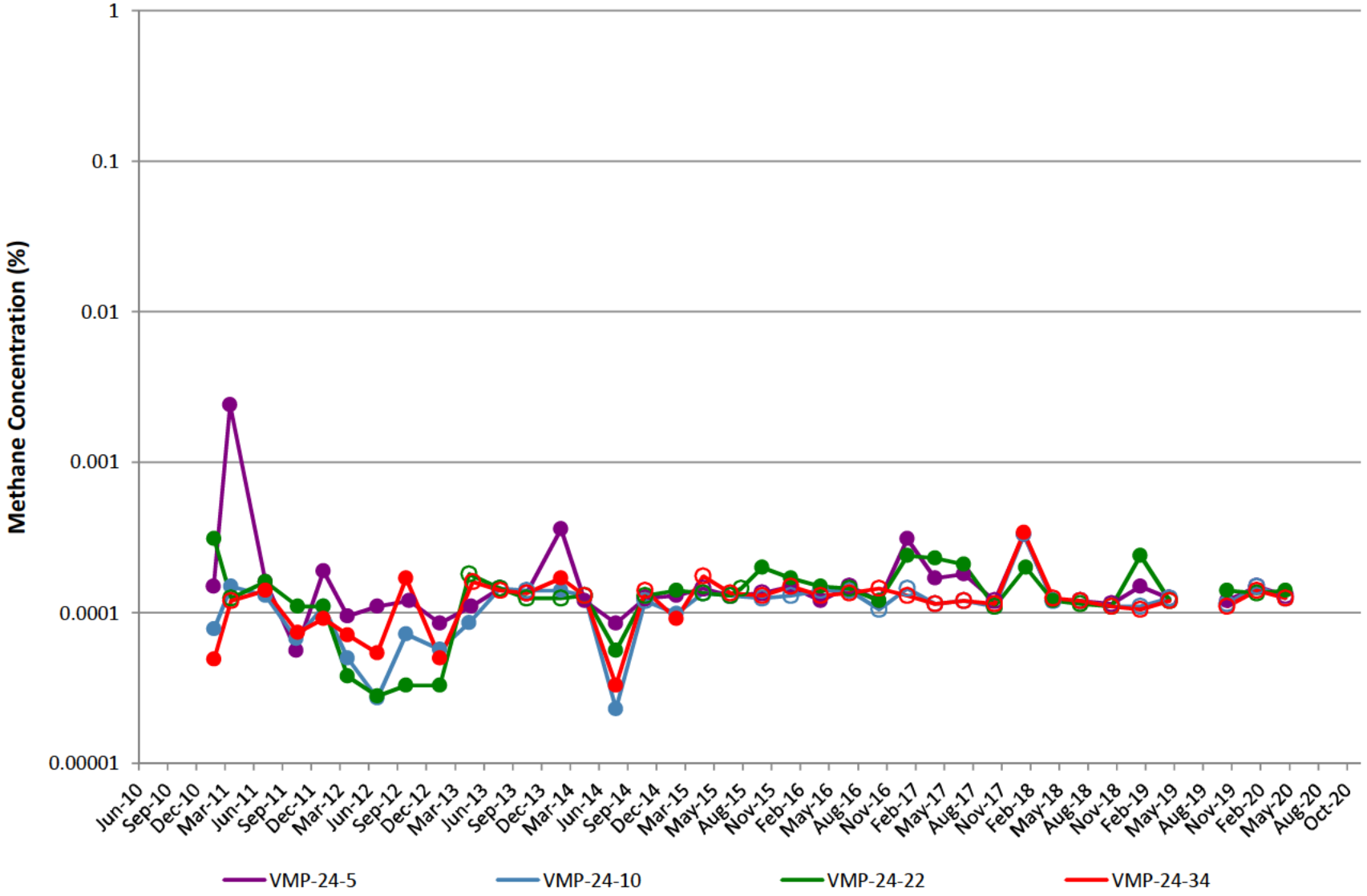
VMP-23

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.



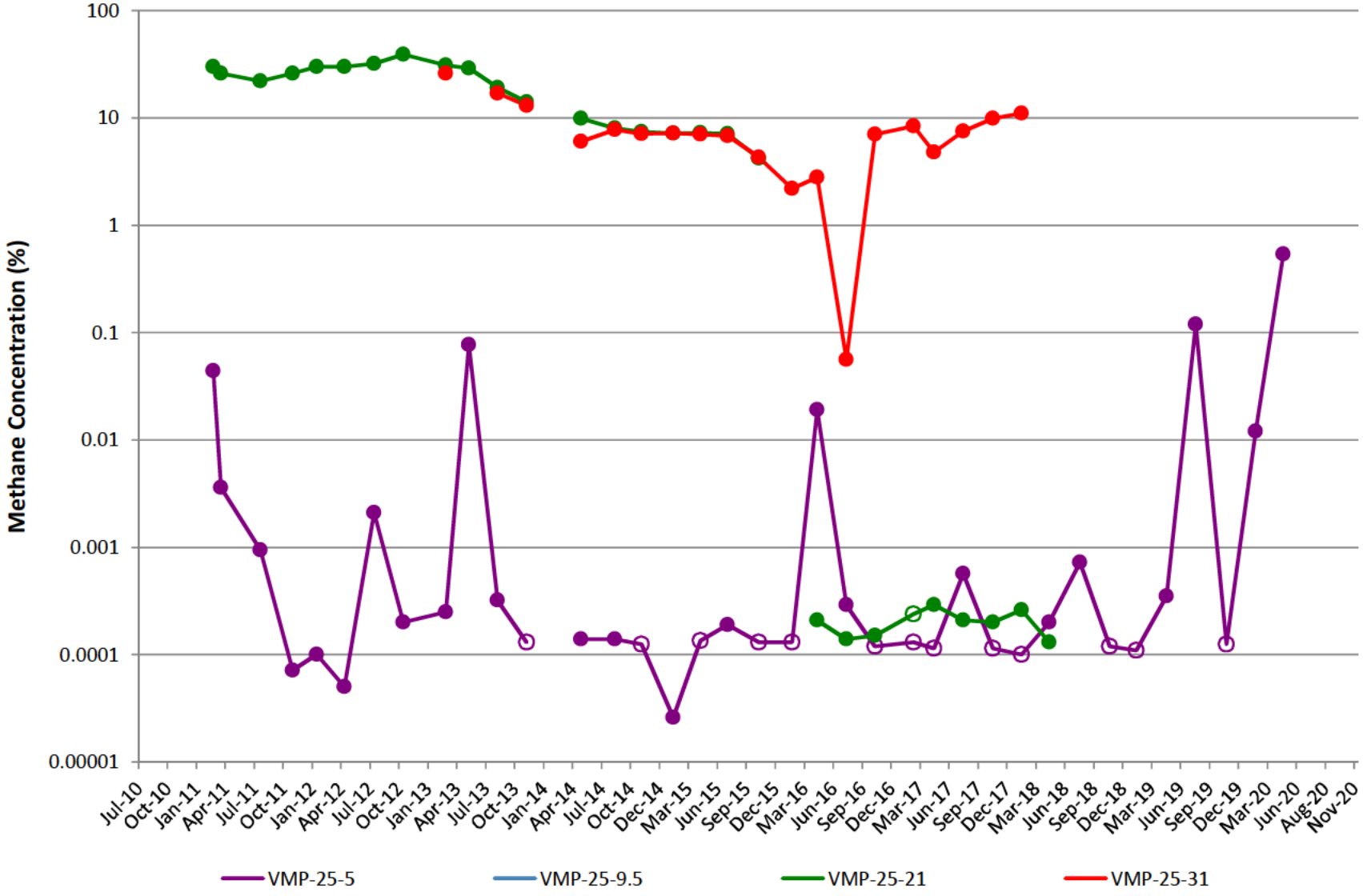
VMP-24

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.



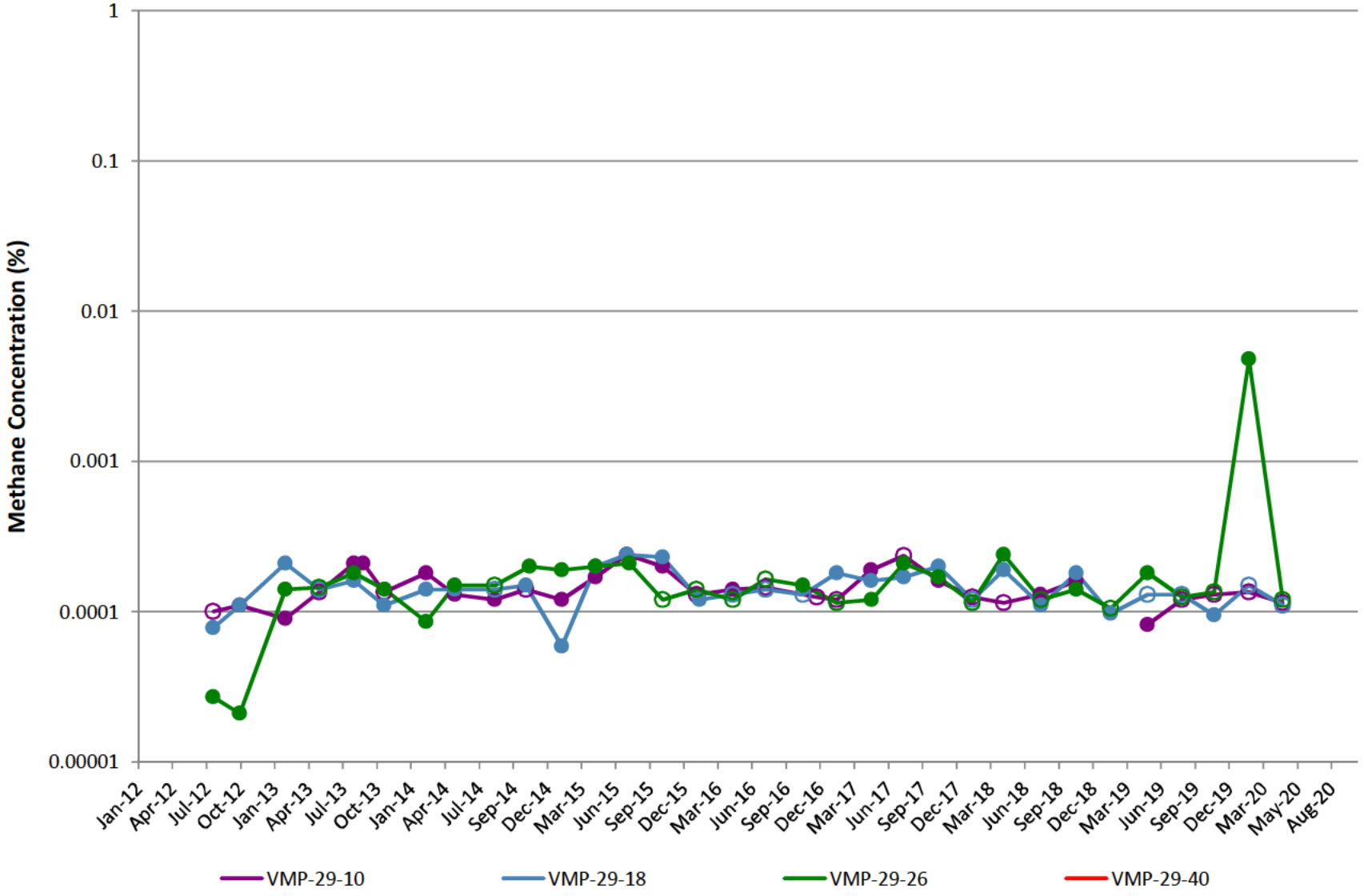
VMP-25

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.



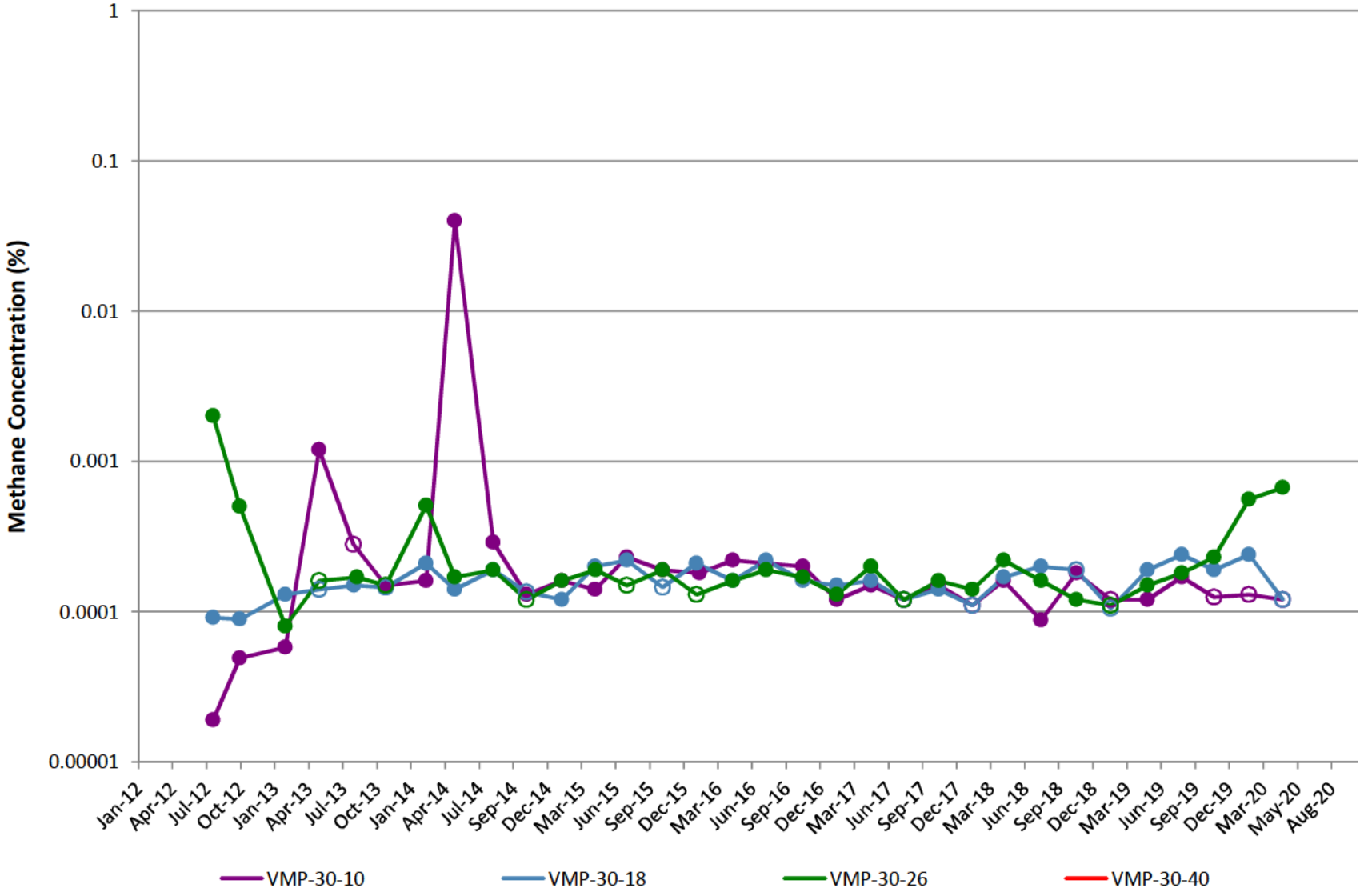
VMP-29

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.



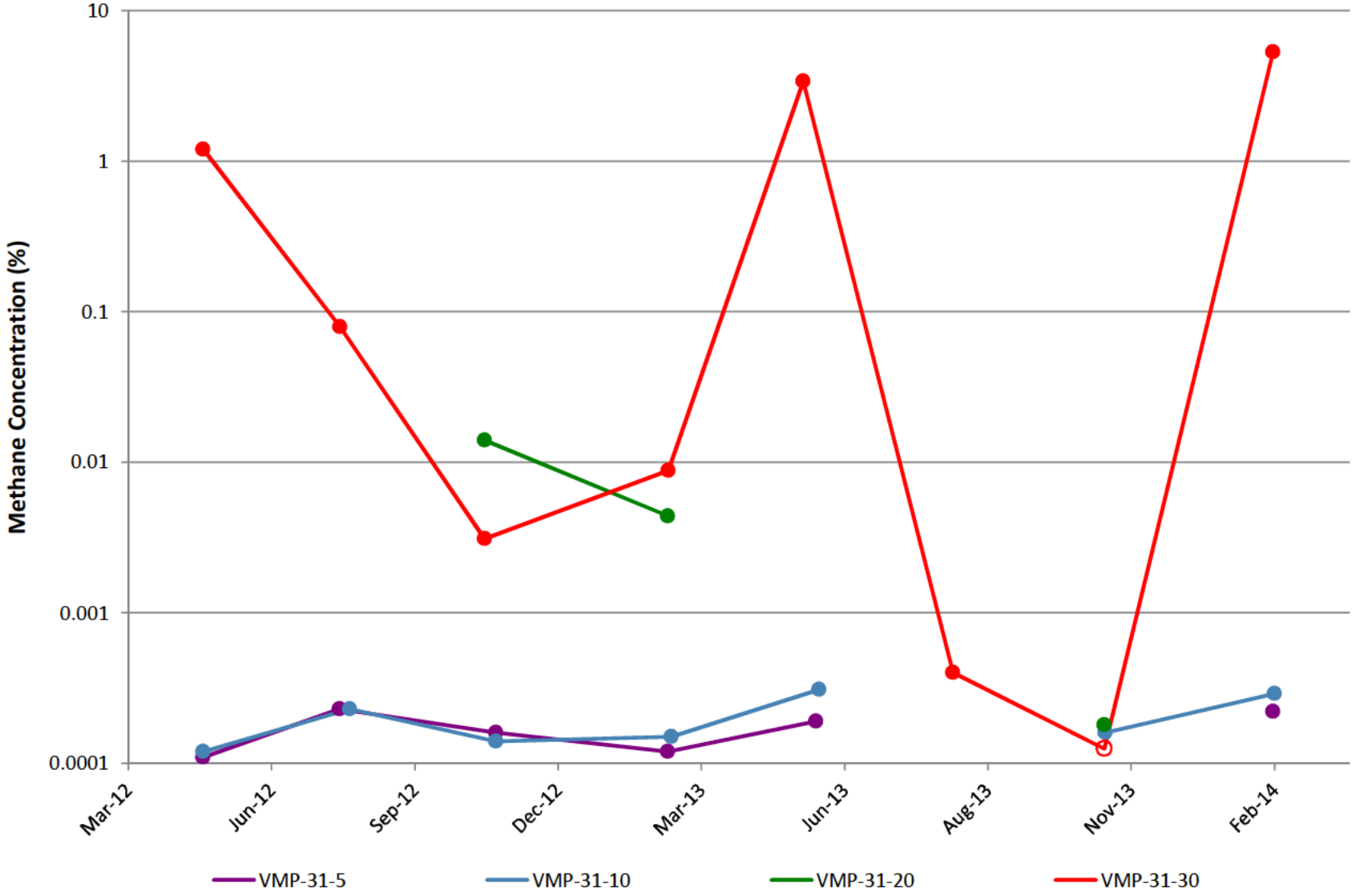
VMP-30

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.



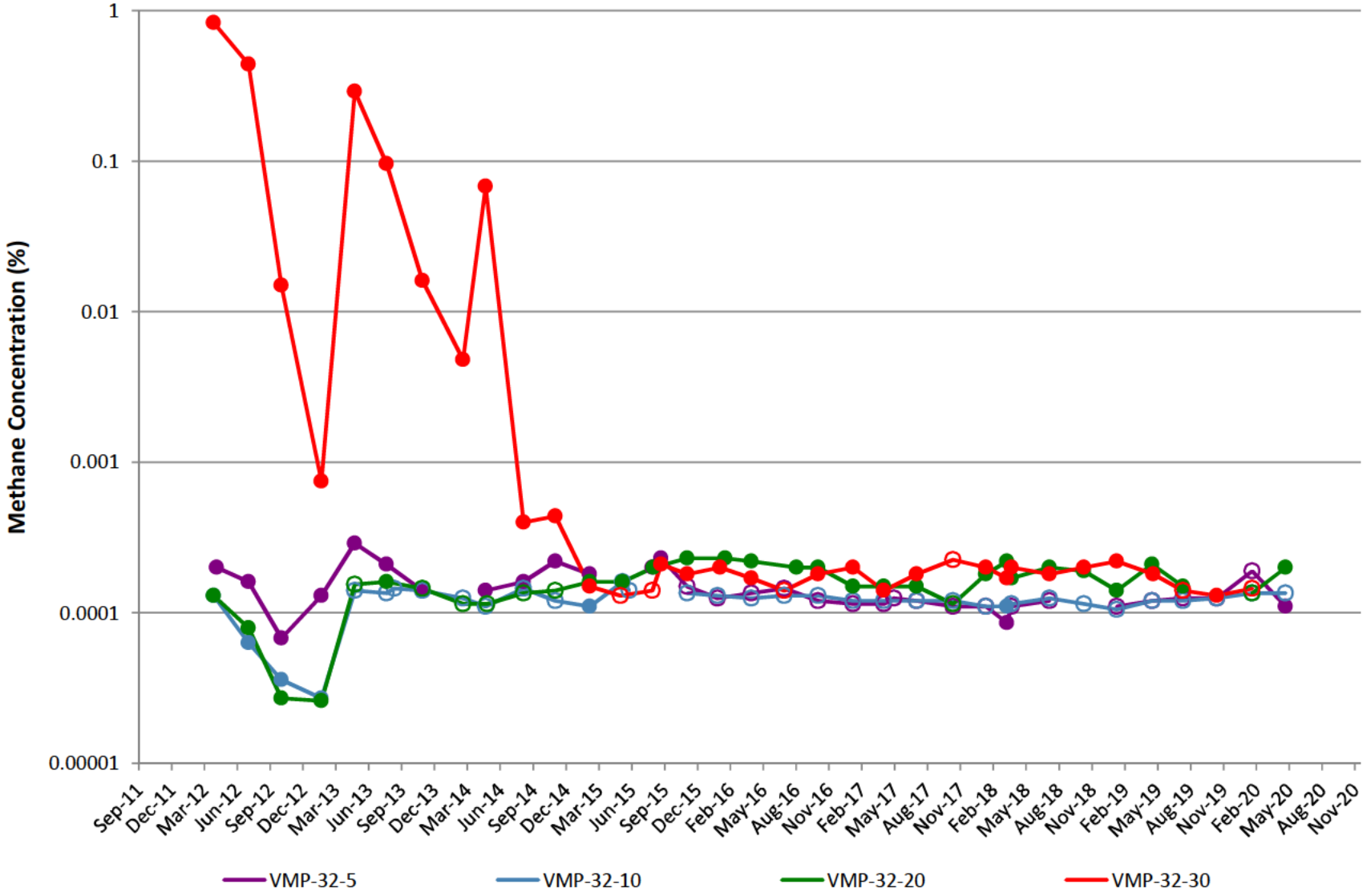
VMP-31

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.



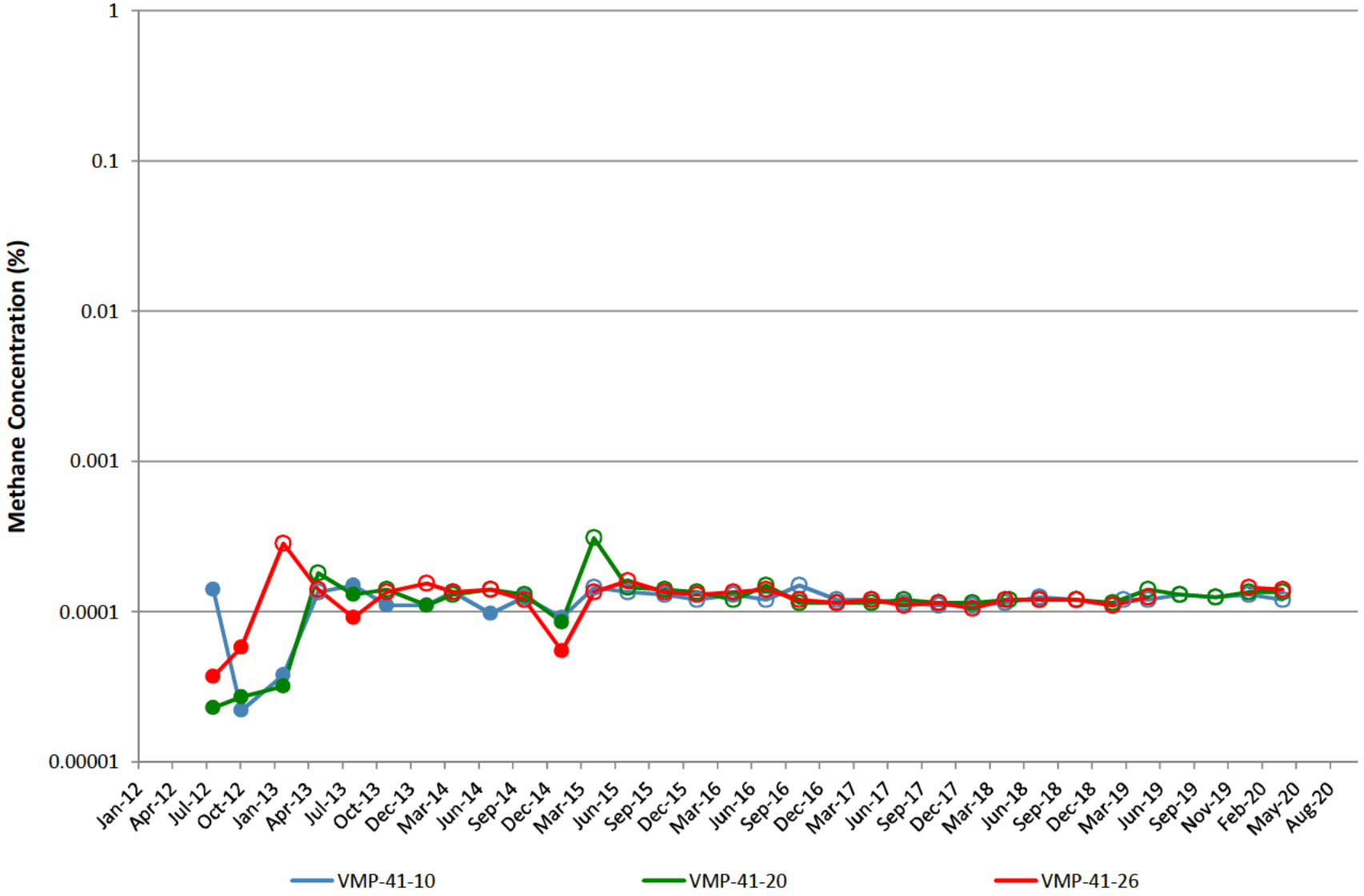
VMP-32

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.



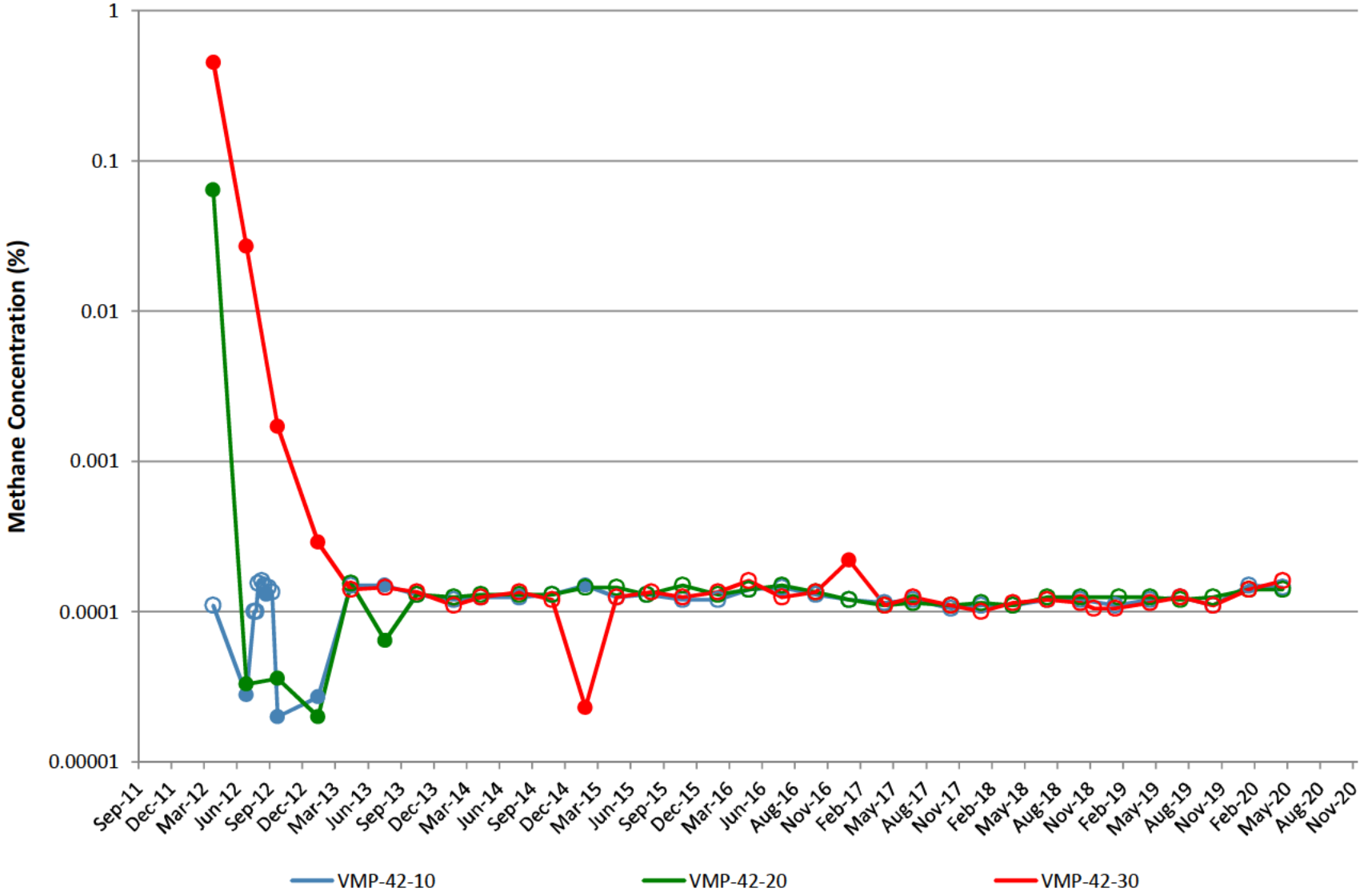
VMP-41

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.



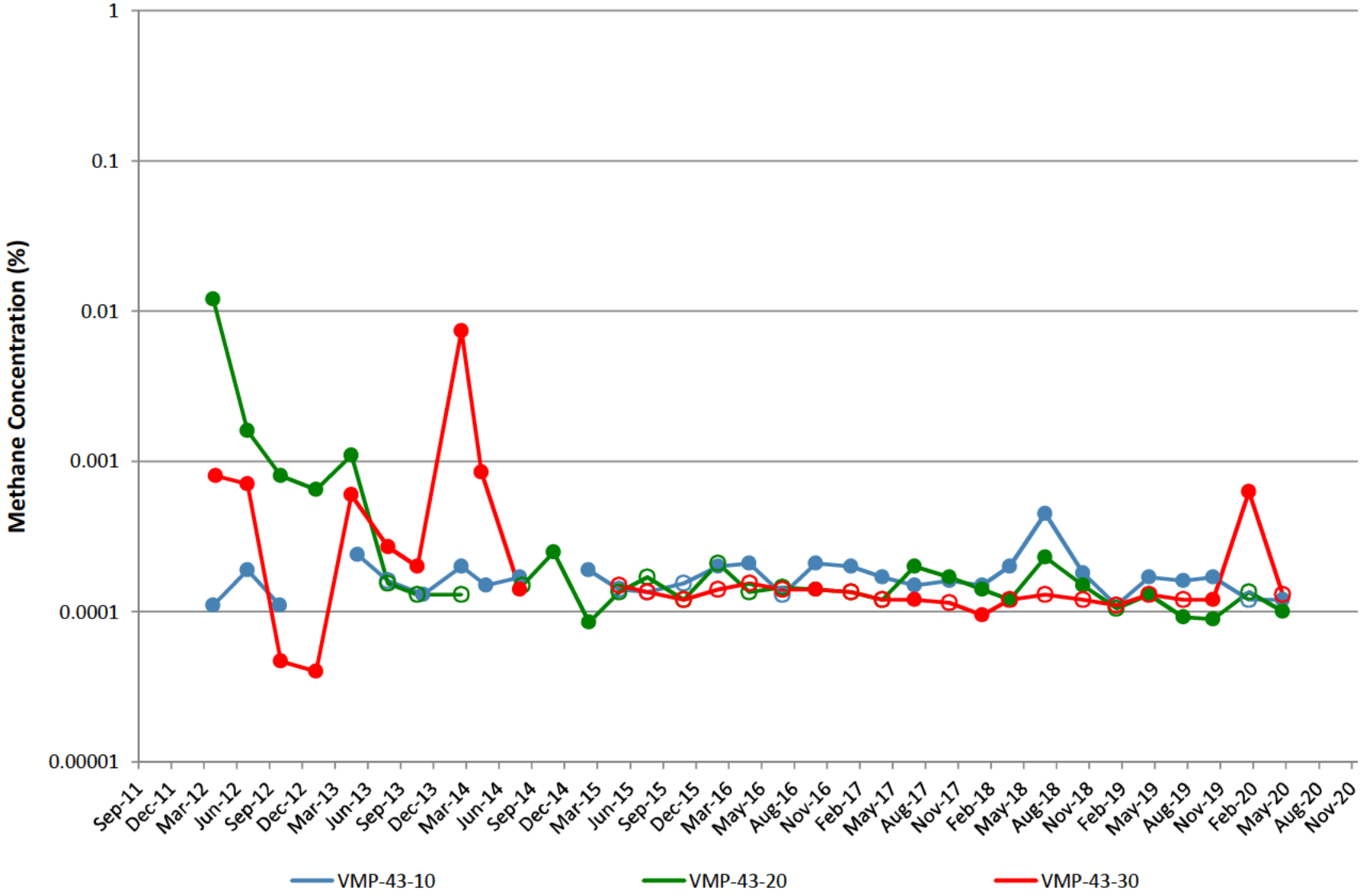
VMP-42

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.



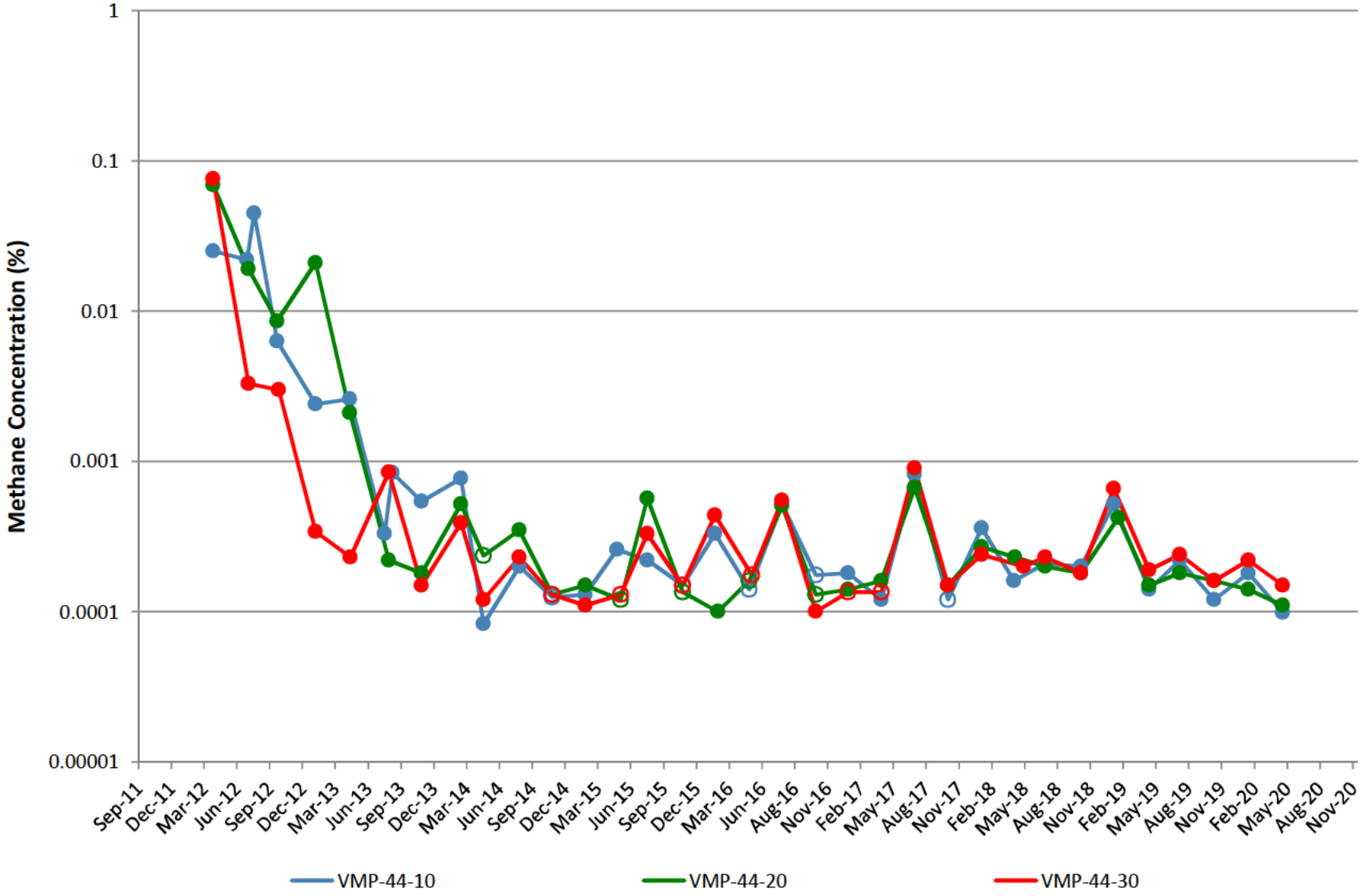
VMP-43

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.



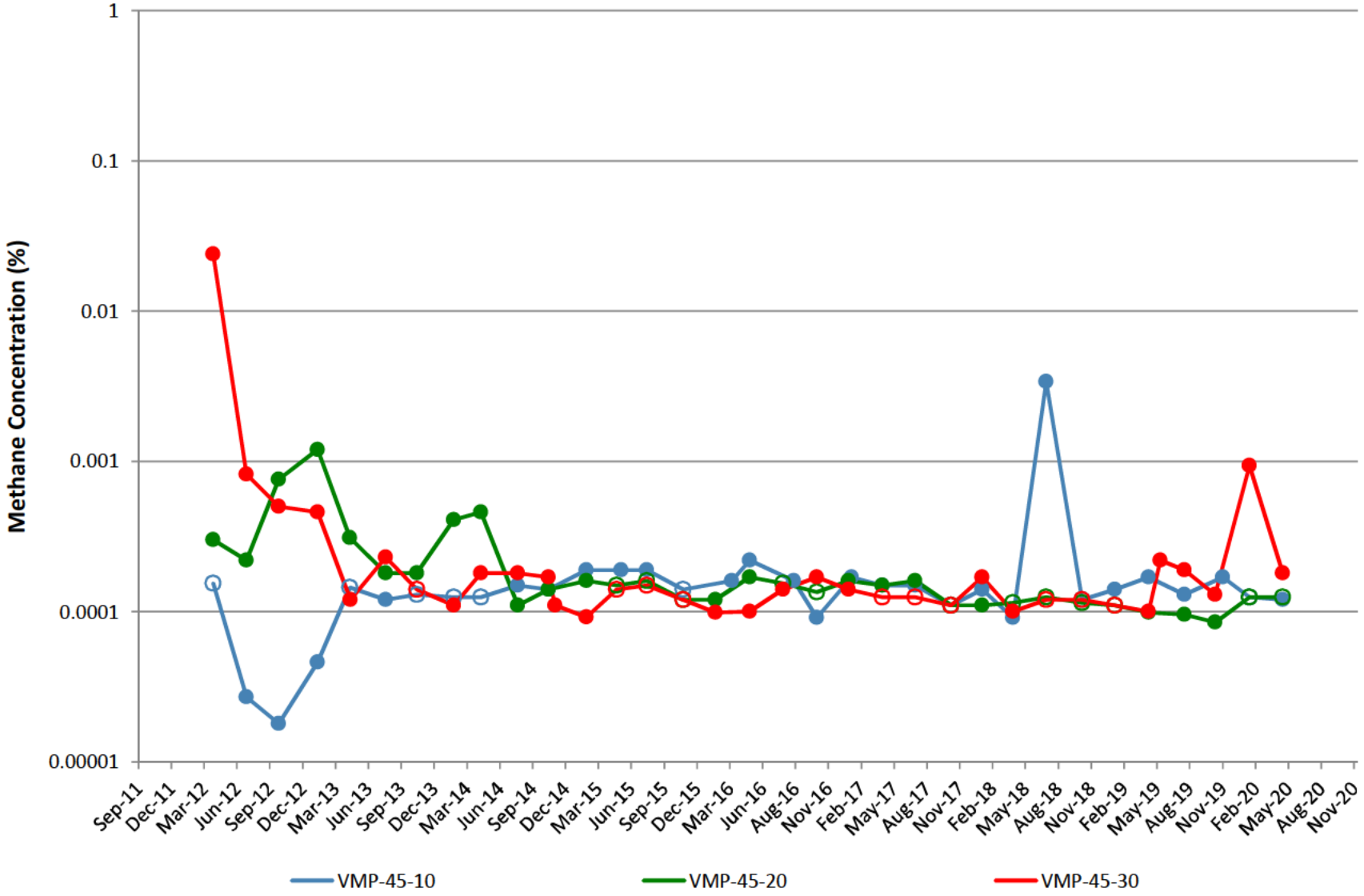
VMP-44

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.



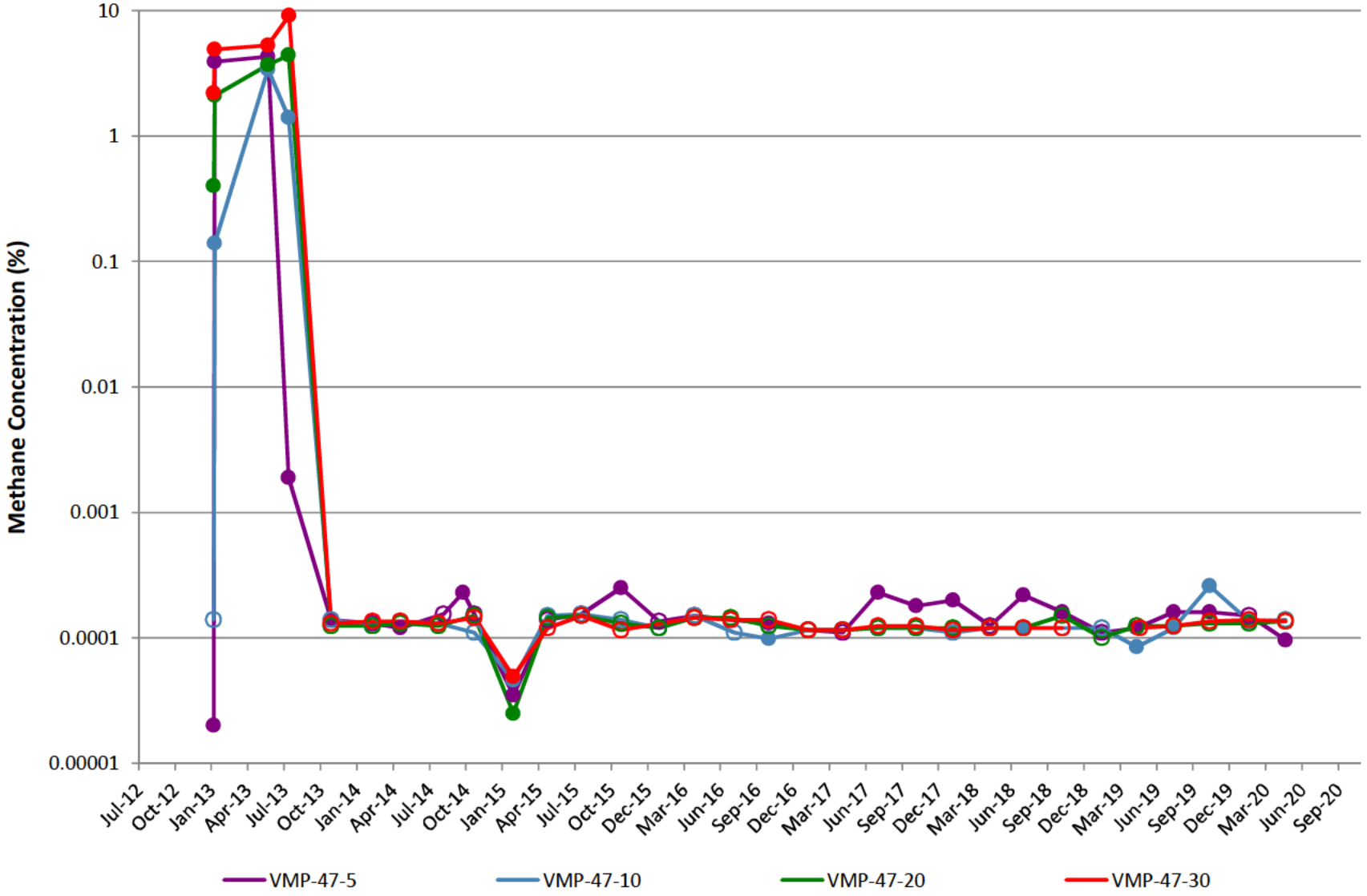
VMP-45

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.



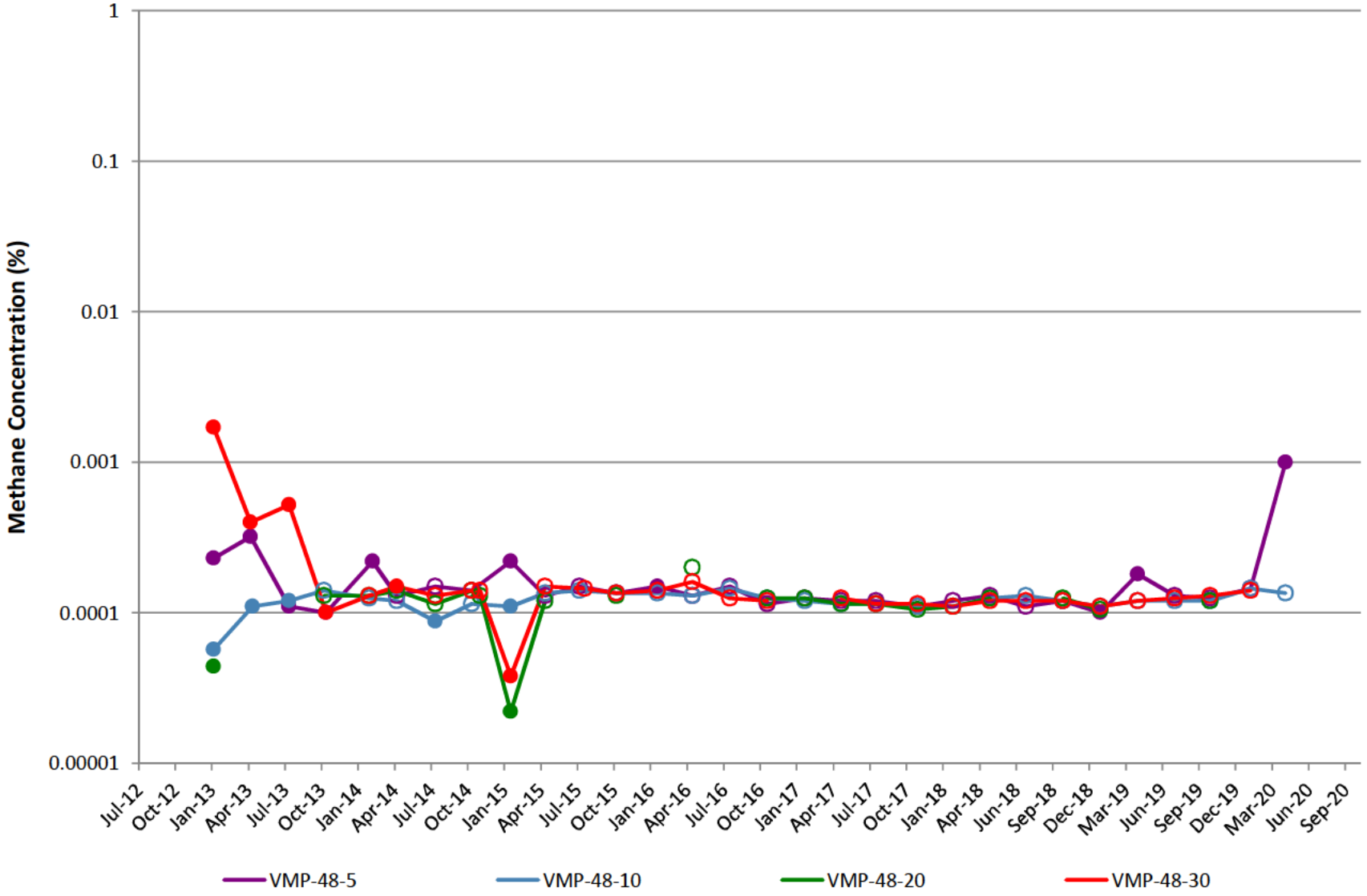
VMP-47

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.



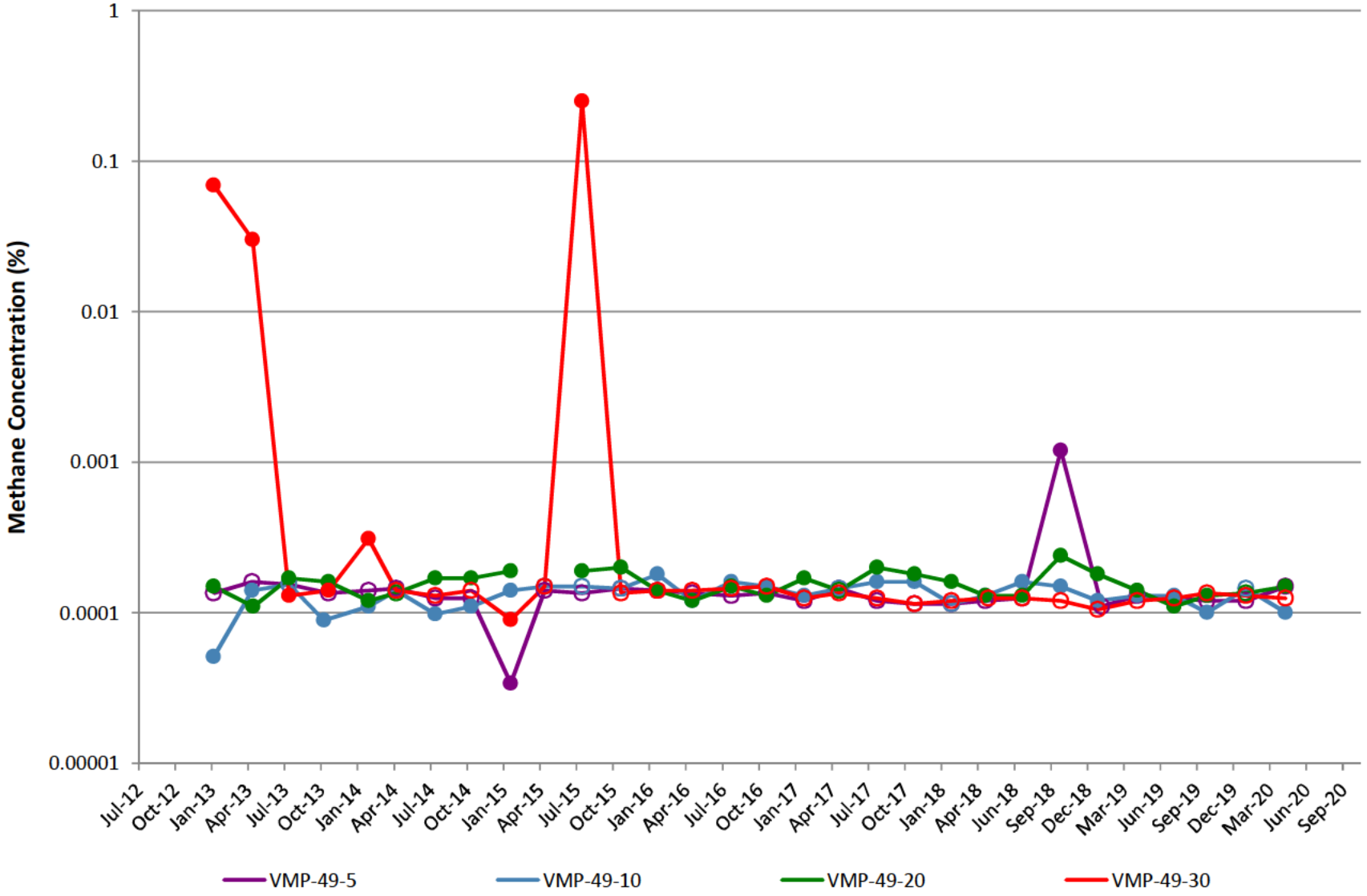
VMP-48

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.



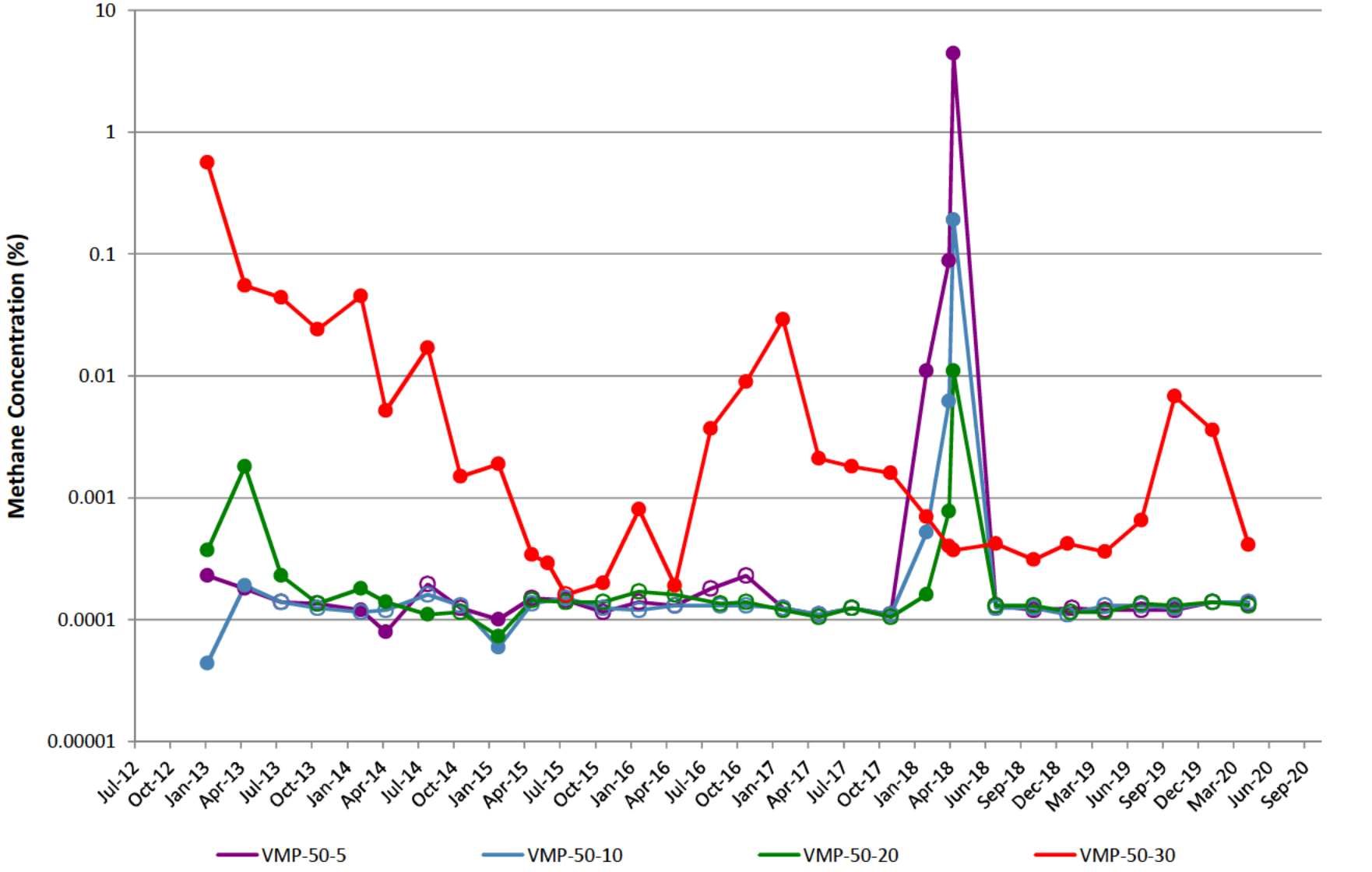
VMP-49

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.



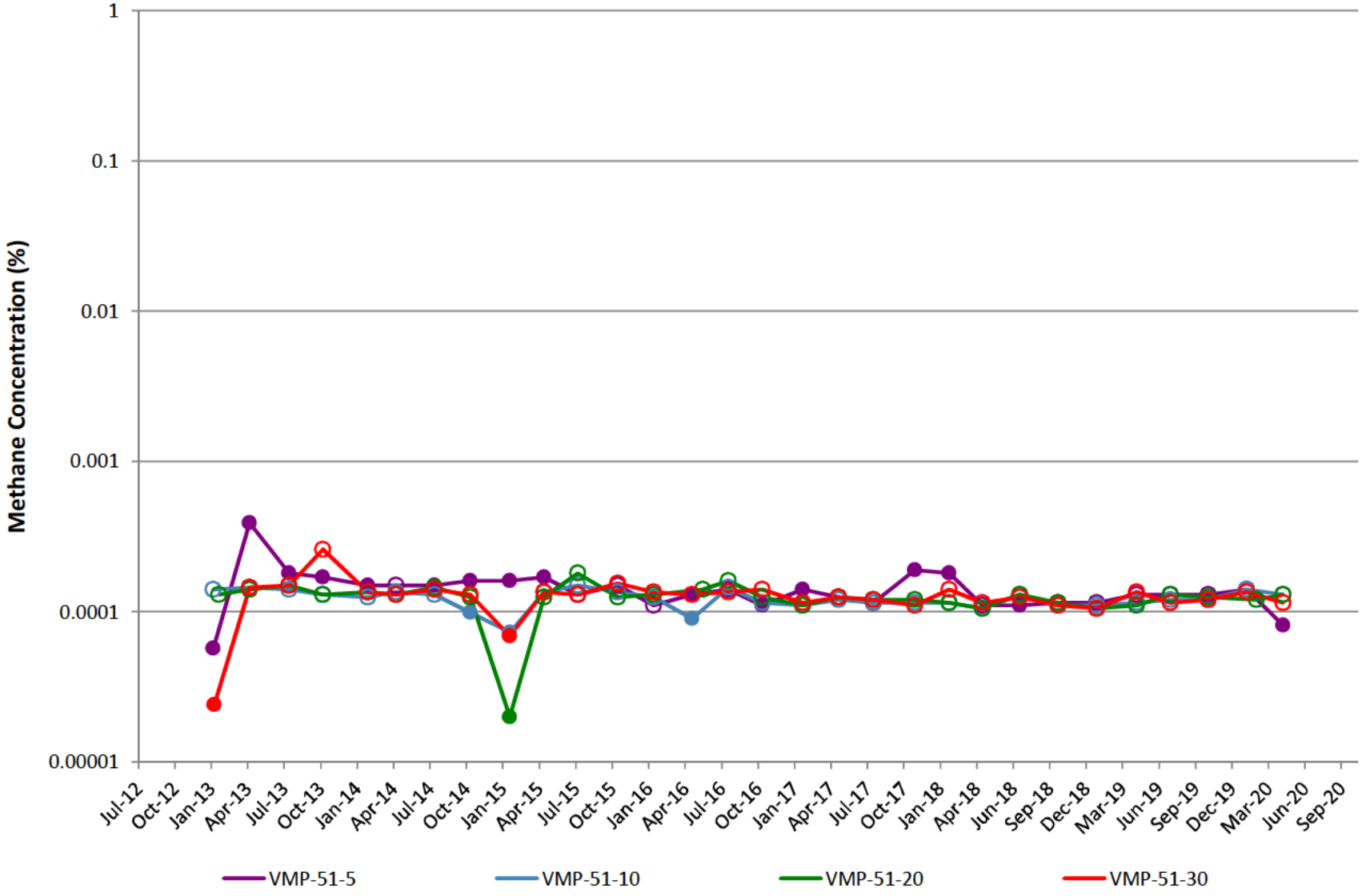
VMP-50

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



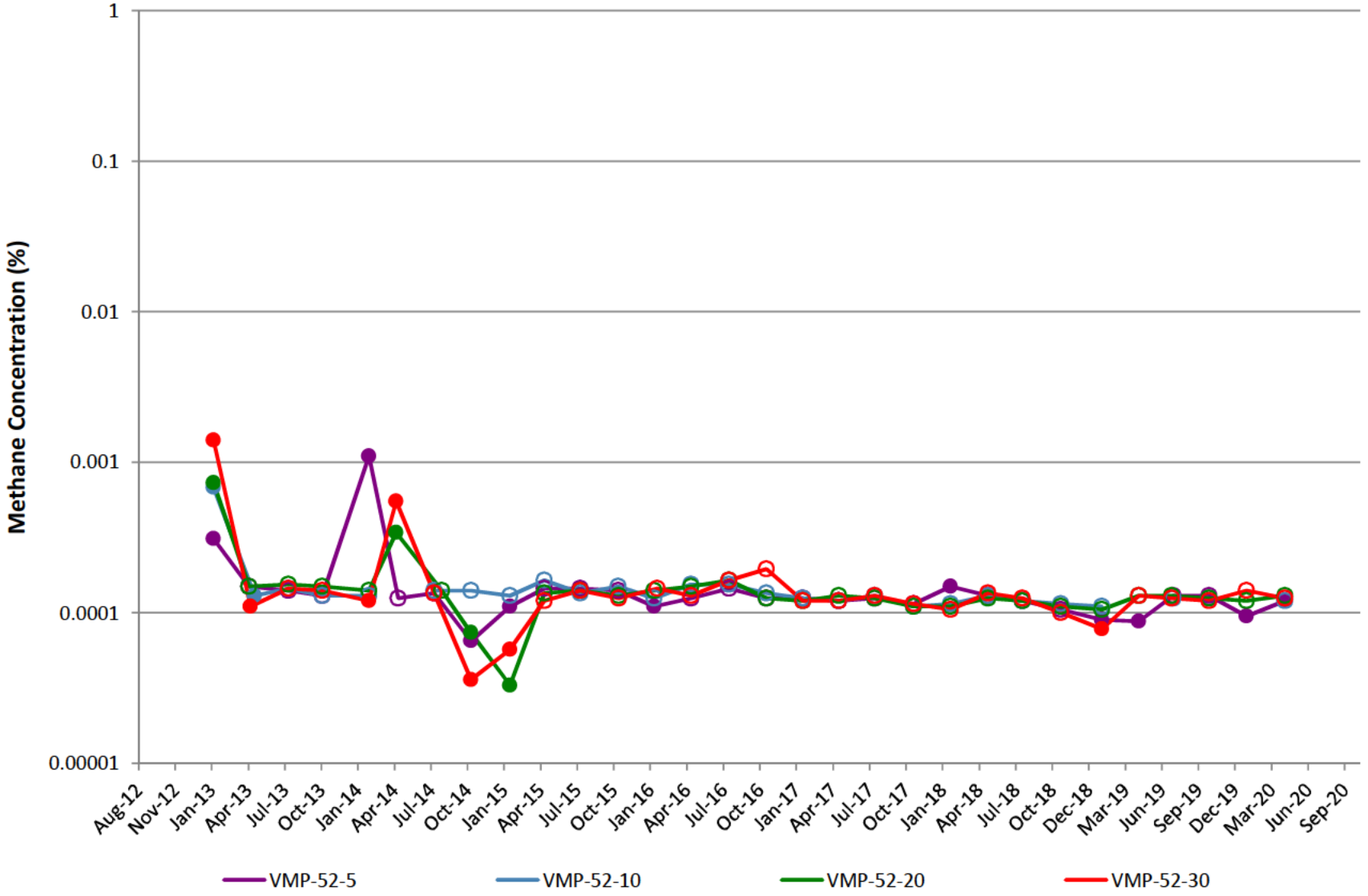
VMP-51

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.



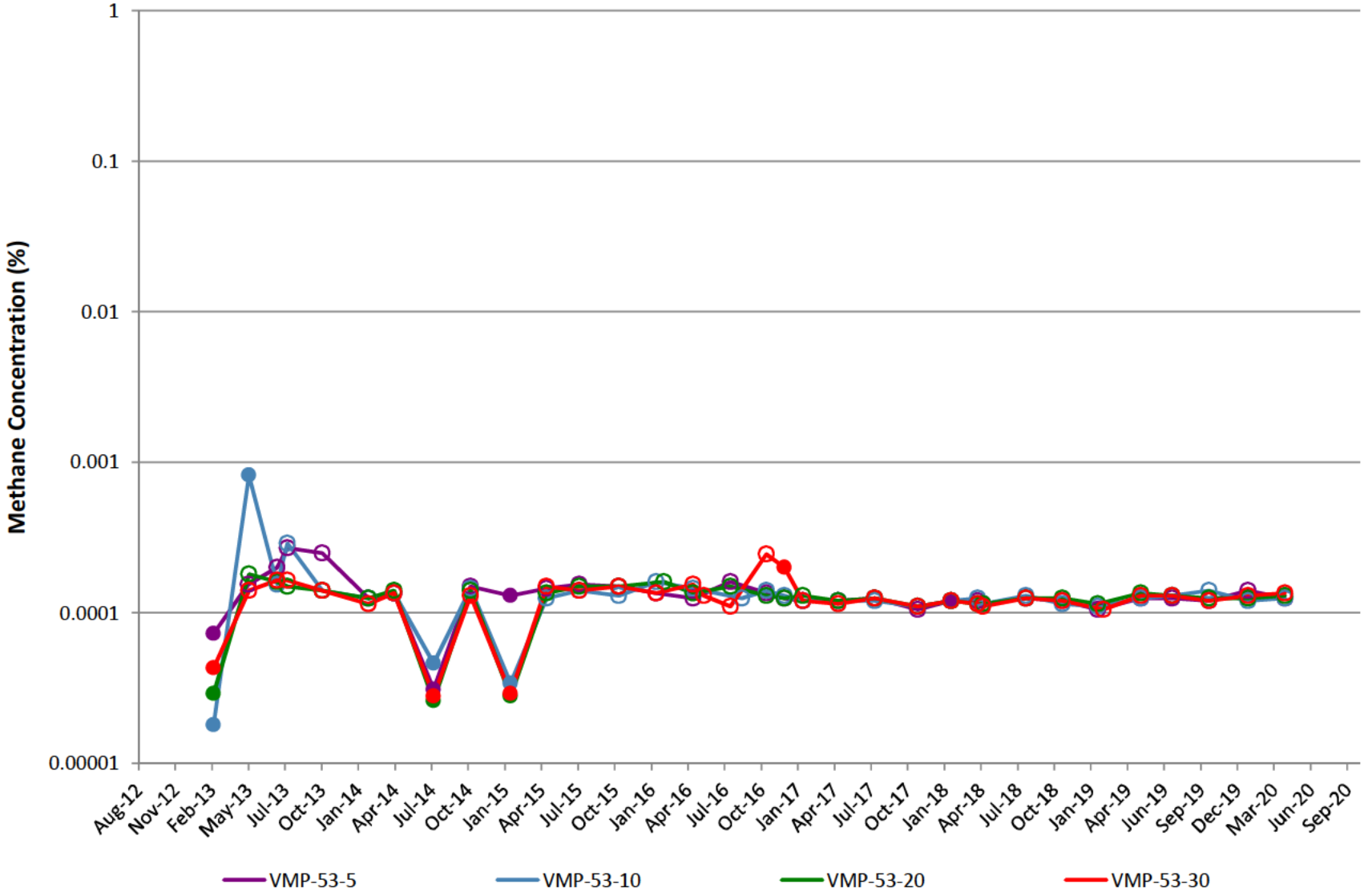
VMP-52

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.



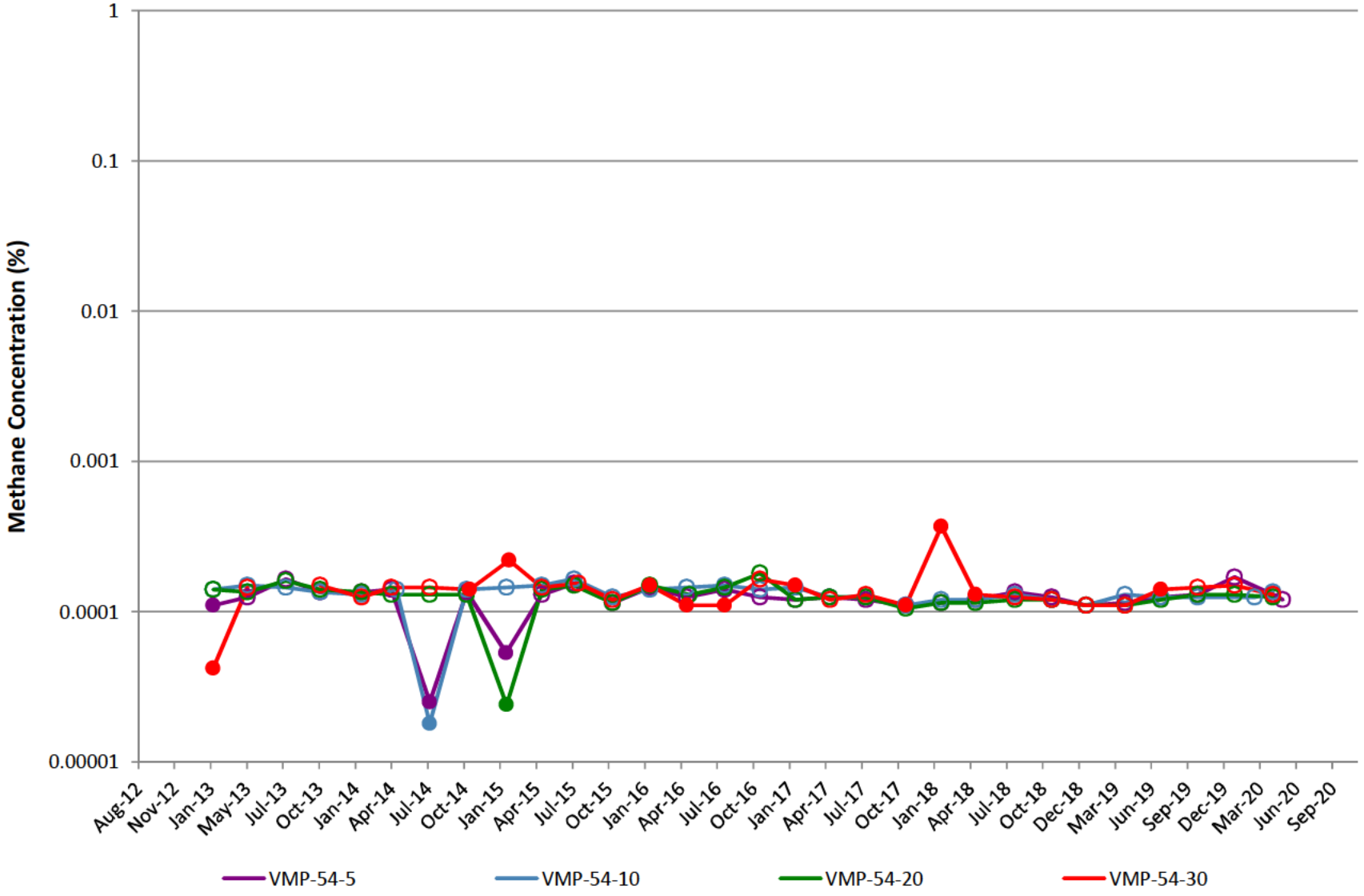
VMP-53

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.



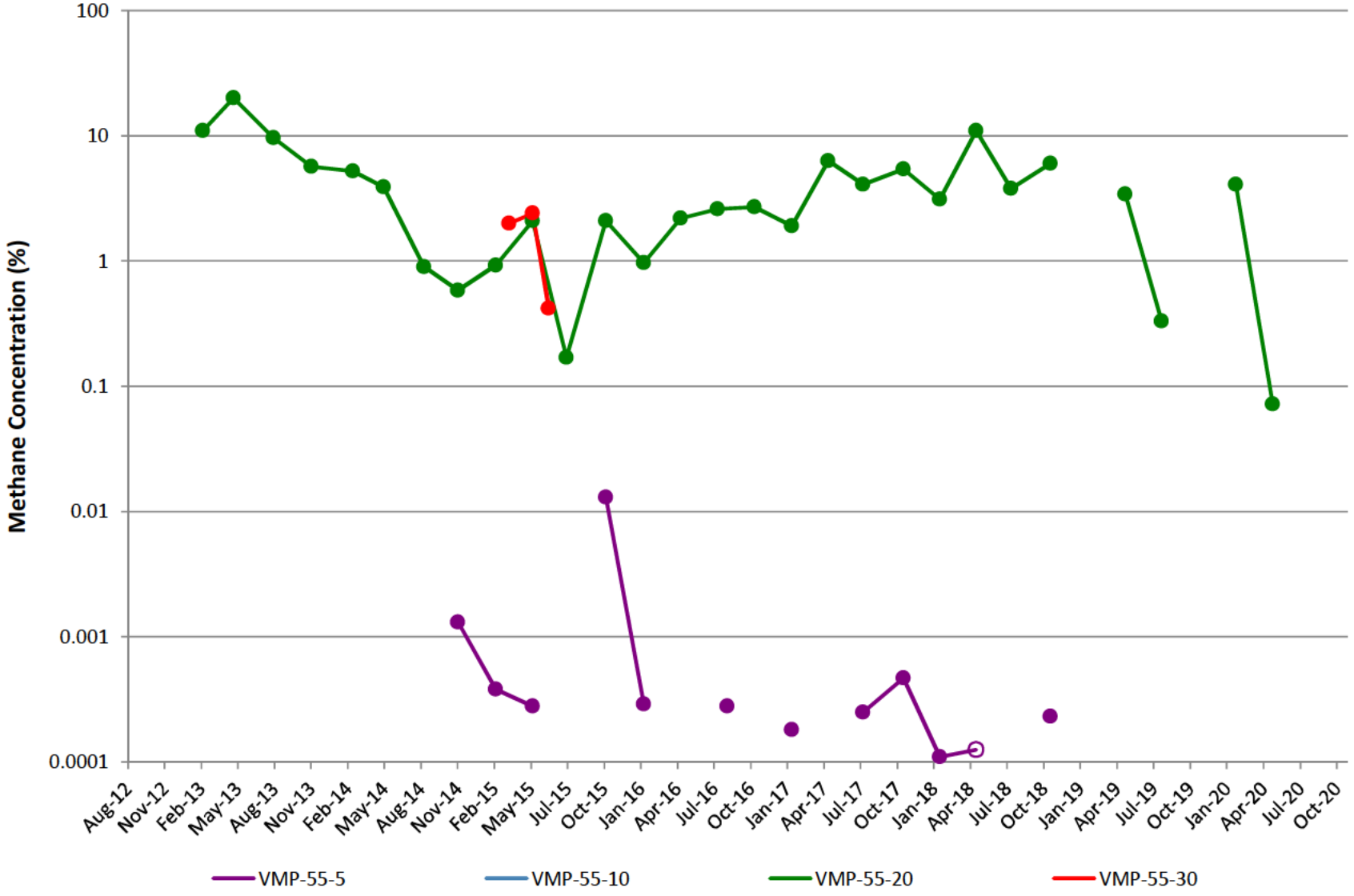
VMP-54

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.



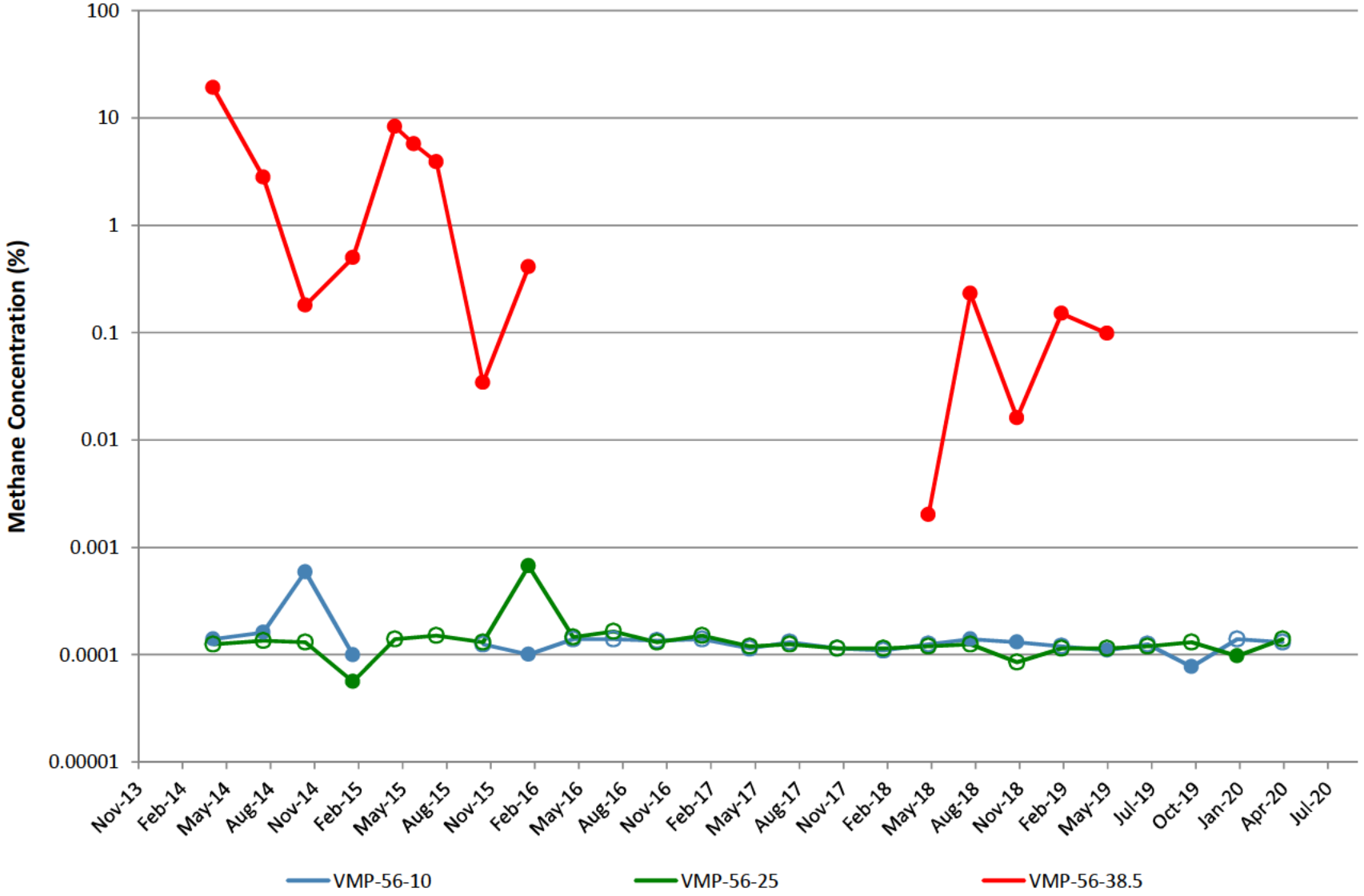
VMP-55

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.



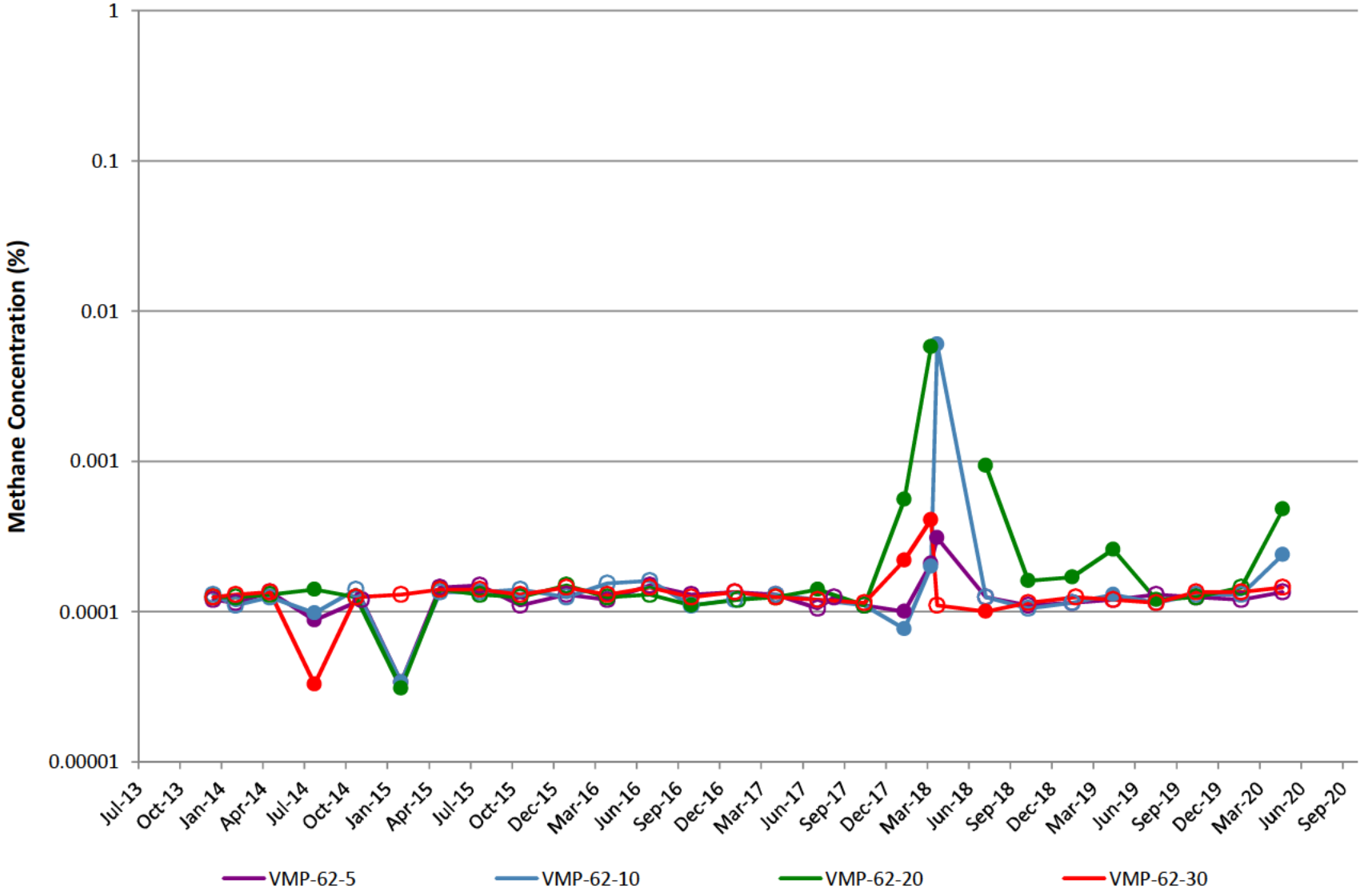
VMP-56

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.



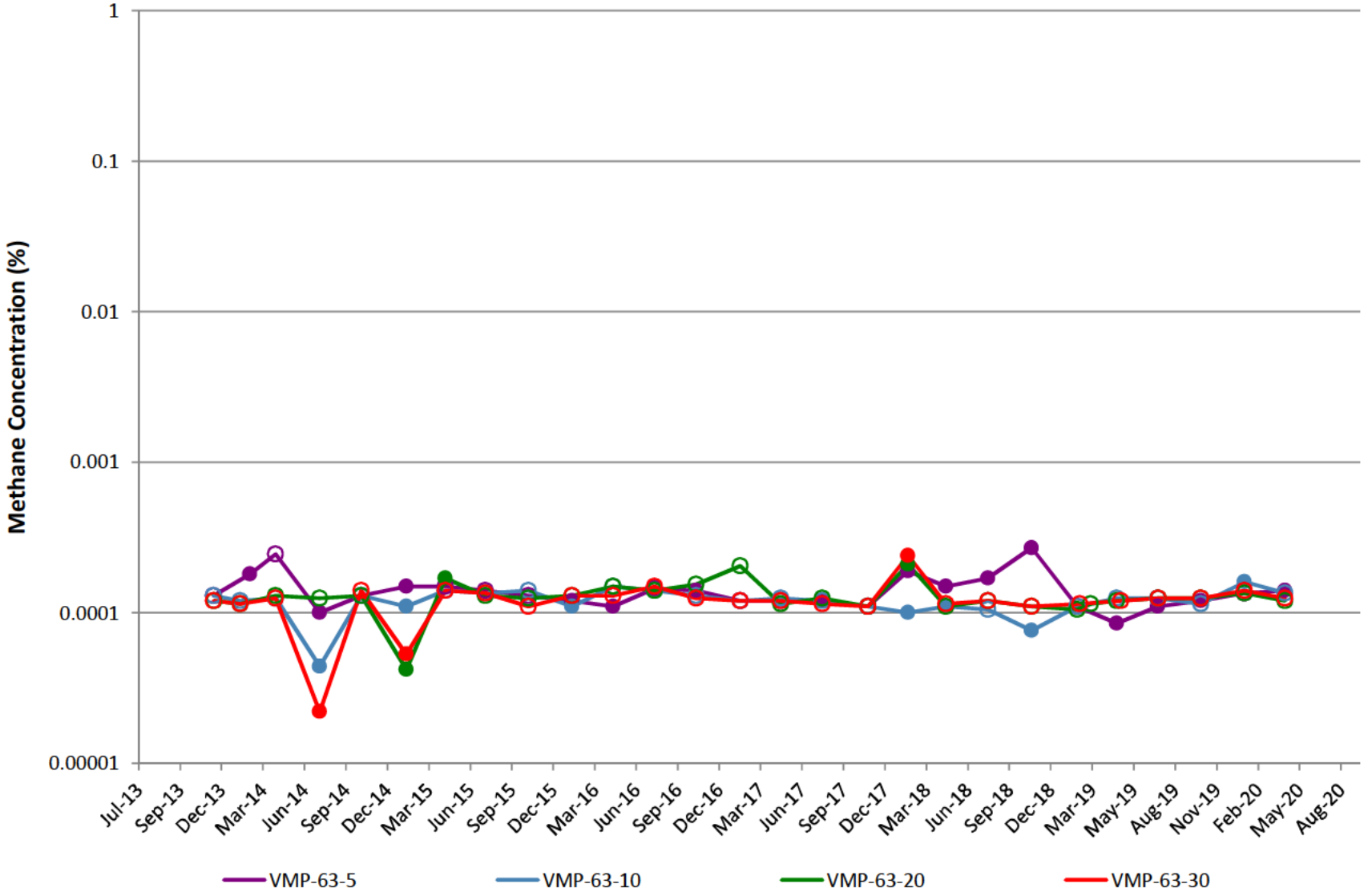
VMP-62

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.



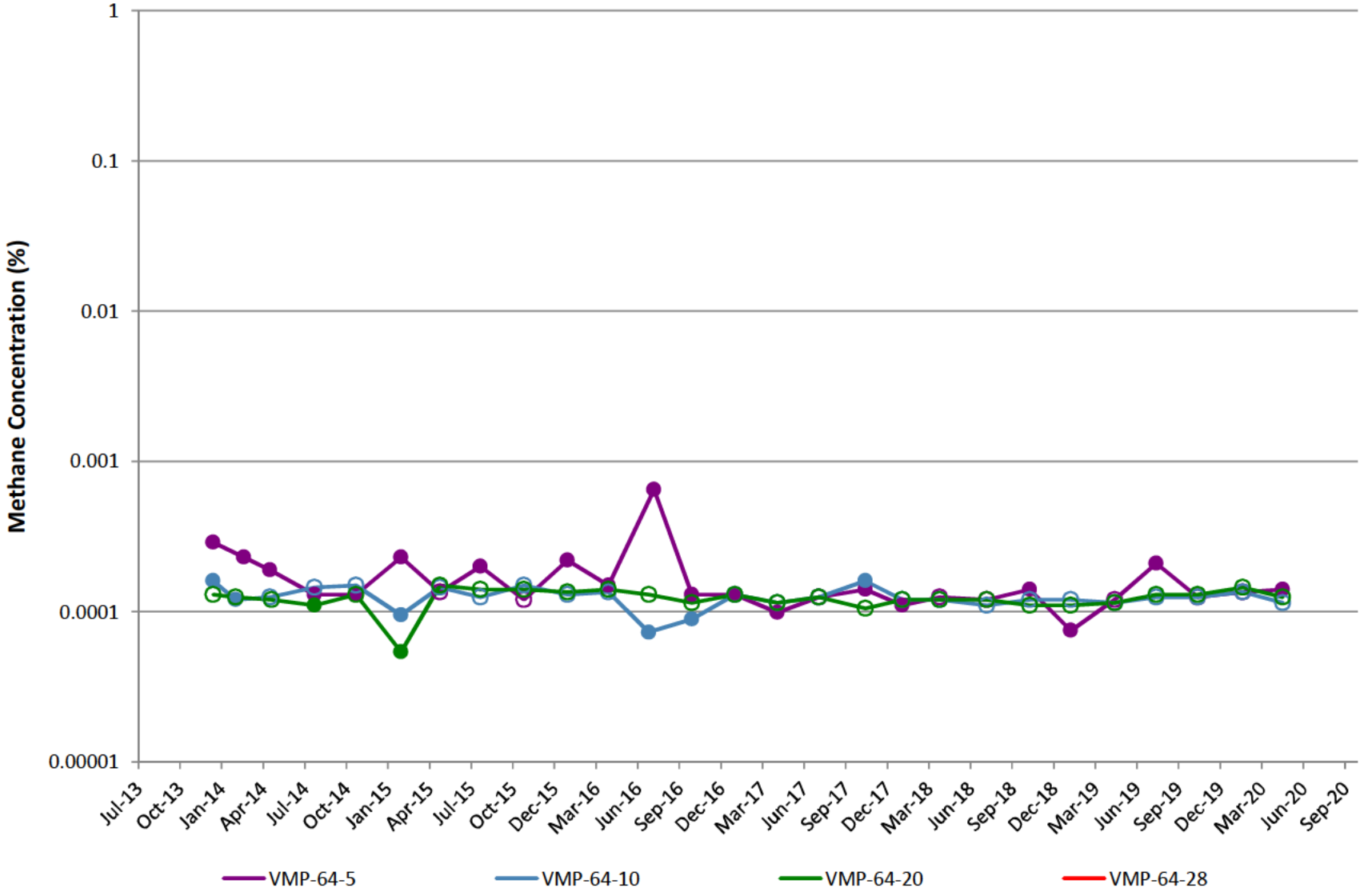
VMP-63

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 Operating Efficiency and Maintenance Chronology

APPENDIX C
SVE SYSTEM OPERATING EFFICIENCY

April-20		Hours of Operation	May-20		Hours of Operation	June-20		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	23.87
3	24	24	3	24	24	3	24	24
4	24	24	4	24	24	4	24	24
5	24	24	5	24	24	5	24	24
6	24	24	6	24	24	6	24	24
7	24	24	7	24	24	7	24	24
8	24	24	8	24	24	8	24	23.85
9	24	24	9	24	24	9	24	24
10	24	24	10	24	24	10	24	15.67
11	24	24	11	24	24	11	24	0
12	24	24	12	24	23.47	12	24	8.73
13	24	24	13	24	24	13	24	24
14	24	24	14	24	23.88	14	24	24
15	24	24	15	24	24	15	24	23.82
16	24	24	16	24	24	16	24	15.62
17	24	24	17	24	24	17	24	20.88
18	24	24	18	24	24	18	24	24
19	24	24	19	24	24	19	24	24
20	24	24	20	24	24	20	24	24
21	24	24	21	24	24	21	24	24
22	24	24	22	24	24	22	24	23.03
23	24	24	23	24	24	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	23.63	28	24	24
29	24	24	29	24	21.33	29	24	24
30	24	24	30	24	24	30	24	23.43
			31	24	24			
Totals	**720**	**720**	**Totals**	**744**	**740.31**	**Totals**	**720**	**658.9**
% Up Time		**100.00%**	**% Up Time**		**99.50%**	**% Up Time**		**91.51%**

APPENDIX C
SVE SYSTEM MAINTENANCE CHRONOLOGY

- **April 1, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line.
- **April 3, 2020–** Cleaned WFL and PW VLS float systems and housings.
- **April 6, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line.
- **April 13, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line.
- **April 20, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line.
- **April 24, 2020–** Greased all fittings, cleaned WFL and PW VLS float systems and housings.
- **April 27, 2020– 800 hour maintenance -** Replaced WFL VLS filter. Drained condensate from both system compressors and performed bubble test on natural gas line.
- **April 30, 2020–** Tested AST, VLS and process room floats.
- **May 1, 2020–** Replaced combustion filter, replaced system data card, and cleaned WFL and PW VLS float systems and housings.
- **May 4, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line.
- **May 11, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line.
- **May 12, 2020–800 hour maintenance** - Replaced both WFL and PW VLS filter and pre-filter, replaced blower filter and pre-filter, replaced combustion filter, greased all system fittings, and replaced system data card.
- **May 14, 2020–** Tested AST, VLS and process room floats. Cleaned WFL and PW VLS float systems and housings.
- **May 18, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line.
- **May 22, 2020–** Cleaned WFL and PW VLS float systems and housings.
- **May 26, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line.
- **May 28, 2020–** Replaced WFL VLS filter and pre-filter and replaced PW VLS pre-filter.

APPENDIX C
SVE SYSTEM MAINTENANCE CHRONOLOGY

- **June 1, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **June 2, 2020–** Replaced WFL VLS filter and pre-filter, replaced PW VLS pre-filter, and replaced SVE-39 sample port ball valve.

- **June 8, 2020–** Replaced both WFL and PW VLS filter and pre-filter. Drained condensate from both system compressors and performed bubble test on natural gas line.

- **June 11, 2020- 800 hour maintenance** - Replaced WFL VLS filter and pre-filter, replaced PW VLS pre-filter, replaced blower filter and pre-filter, replaced combustion filter, and greased all system fittings.

- **June 12, 2020–** Replaced poppet #1 position indicator sensors and replaced combustion air actuator.

- **June 15, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line. Tested AST, VLS and process room floats. Replaced system data card.

- **June 16, 2020–** Changed rotary air compressor coolant, replaced air-oil separator, replaced coolant filter, replaced pre-filter, and replaced air filter. Cleaned both WFL and PW VLS units. Replaced WFL VLS filter and pre-filter, replaced PW VLS pre-filter. Replaced valves on extraction wells SVE-23 and SVE-27. Closed extraction well SVE-42 from 100% to 0% open. Roberts Environmental Drilling Inc. removed sediment from SVE-42 well casing.

- **June 18, 2020–** Opened SVE-42 from 0% to 50% open.

- **June 22, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line. Replaced WFL VLS filter and pre-filter, replaced PW VLS pre-filter, and checked system fan belts.

- **June 29, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **June 30, 2020–** Replaced WFL VLS filter and pre-filter, replaced PW VLS pre-filter.

Appendix D
SVE System Leg Flow Rates

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX D
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)
7/2/2019	116	90	235	120	125	0
7/10/2019	156	107	310	98	140	0
7/11/2019	153	107	305	107	138	0
7/17/2019	151	110	311	115	143	0
7/24/2019	172	115	331	82	152	0
7/30/2019	165	112	336	91	136	0
8/5/2019	169	116	340	98	145	0
8/14/2019	168	114	315	111	141	0
8/21/2019	161	120	325	102	130	0
8/28/2019	169	119	331	93	121	0
9/3/2019	163	121	319	75	112	0
9/11/2019	164	136	323	99	117	0
9/16/2019	160	134	331	89	121	0
10/1/2019	168	90	339	104	136	0
10/9/2019	165	90	348	84	129	0
10/16/2019	177	93	351	85	130	0
10/23/2019	166	95	353	100	137	0
10/24/2019	171	97	358	94	135	0
10/30/2019	171	94	327	109	152	0
11/4/2019	169	90	329	84	151	0
11/5/2019	163	98	326	96	151	0
11/15/2019	151	104	355	136	167	0
11/21/2019	154	107	344	145	193	0
11/26/2019	155	101	340	111	168	0
12/3/2019	153	99	348	98	157	0
12/11/2019	189	120	32	171	212	0
12/20/2019	158	111	346	157	187	0
12/23/2019	154	106	345	147	160	0
1/10/2020	154	106	327	156	200	0
1/13/2020	79	105	364	129	235	0
1/14/2020	157	102	328	125	189	0
3/6/2020	99	67	232	143	143	0
3/18/2020	145	81	311	208	198	0
3/19/2020	150	77	310	202	184	0
3/20/2020	151	78	310	199	188	0
3/24/2020	152	78	326	165	195	0
3/26/2020	149	80	310	168	188	0
3/31/2020	153	77	317	128	188	0

APPENDIX D
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)
4/2/2020	156	82	320	149	190	0
4/7/2020	149	83	315	97	178	0
4/14/2020	165	83	334	98	191	0
4/20/2020	154	80	323	74	182	0
4/28/2020	148	78	311	87	172	0
5/1/2020	155	76	309	95	169	0
5/4/2020	156	77	312	86	170	0
5/12/2020	156	75	329	81	167	0
5/13/2020	161	74	323	91	171	0
5/20/2020	162	73	310	93	164	0
5/26/2020	161	55	322	78	154	0
6/2/2020	154	77	297	103	164	0
6/10/2020	149	76	295	88	140	0
6/17/2020	146	68	315	144	165	0
6/23/2020	154	85	308	108	155	0

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

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

[3]No flows shown between 12/23/2019 and 1/10/2020 because no SVE System samples were collected due to unplanned shutdowns.

[4]No flows shown between 1/16/2020 and 3/6/2020 because no SVE system samples were collected due to unplanned shutdown.

Appendix E
Total Header Hydrocarbon Concentrations

APPENDIX E
TOTAL HEADER HYDROCARBON CONCENTRATIONS

Date	West Fenceline Concentration (ppmv)	Public Works Concentration (ppmv)
7/2/2019	14,500	24,700
7/10/2019	12,100	15,700
7/11/2019	11,000	15,200
7/17/2019	10,200	15,100
7/24/2019	10,700	12,800
7/30/2019	9,500	10,400
8/5/2019	10,900	11,100
8/14/2019	10,600	13,100
8/21/2019	9,814	10,100
8/28/2019	9,820	9,750
9/3/2019	11,400	7,442
9/11/2019	11,000	8,680
9/16/2019	10,000	7,515
9/24/2019	9,830	7,530
10/1/2019	9,095	9,209
10/9/2019	8,621	5,770
10/16/2019	6,713	6,867
10/23/2019	9,079	7,847
10/24/2019	8,847	7,220
10/30/2019	11,200	13,700
11/4/2019	9,574	10,300
11/5/2019	9,858	11,600
11/15/2019	11,600	14,700
11/21/2019	10,500	16,900
11/26/2019	9,998	15,200
12/3/2019	11,400	19,600
12/11/2019	8,768	22,300
12/20/2019	11,400	27,200
12/23/2019	11,300	25,410
1/10/2020	8,674	18,100
1/13/2020	10,100	20,500
1/14/2020	13,800	28,100
3/6/2020	27,500	27,400
3/7/2020	18,200	27,640
3/8/2020	20,200	30,910
3/18/2020	17,520	30,940
3/18/2020	19,400	34,530
3/19/2020	20,300	32,270
3/20/2020	18,000	25,650
3/24/2020	20,300	27,630
3/26/2020	21,500	34,230
3/31/2020	20,100	28,200
4/2/2020	16,900	29,400
4/7/2020	16,400	27,200
4/14/2020	14,000	27,100
4/20/2020	14,200	23,600
4/28/2020	13,600	22,400
5/1/2020	10,600	16,600
5/4/2020	13,500	18,200
5/12/2020	11,900	15,400
5/13/2020	11,100	14,700
5/20/2020	10,700	15,100
5/26/2020	9,400	11,500
6/2/2020	10,800	14,800
6/10/2020	10,300	12,300
6/17/2020	9,574	13,200
6/23/2020	8,694	14,100

[1]Samples not collected between 12/23/2019 and 1/10/2020 due to unplanned shutdowns.
[2]Samples not collected between 1/16/2020 and 3/6/2020 due to unplanned shutdown.

Appendix F
SVE System Flow Rates

APPENDIX F
SVE SYSTEM FLOW RATES

Date	West Fenceline Header[1] (SCFM)	Public Works Header[1] (SCFM)
7/2/2019	566	120
7/10/2019	712	98
7/11/2019	703	107
7/17/2019	716	115
7/24/2019	770	82
7/30/2019	750	91
8/5/2019	770	98
8/14/2019	739	111
8/21/2019	736	102
8/28/2019	740	93
9/3/2019	714	75
9/11/2019	740	99
9/16/2019	746	89
9/24/2019	716	84
10/1/2019	733	104
10/9/2019	733	84
10/16/2019	751	85
10/23/2019	752	100
10/24/2019	761	94
10/30/2019	744	109
11/4/2019	738	84
11/5/2019	739	96
11/15/2019	776	136
11/21/2019	798	145
11/26/2019	764	111
12/3/2019	758	98
12/11/2019	553	171
12/20/2019	802	157
12/23/2019	765	147
1/10/2020	788	156
1/13/2020	782	129
1/14/2020	776	125
3/6/2020	540	143
3/18/2020	736	208
3/19/2020	720	202
3/20/2020	726	199
3/24/2020	751	165
3/26/2020	728	168
3/31/2020	735	128
4/2/2020	749	149
4/7/2020	725	97
4/14/2020	772	98
4/20/2020	739	74
4/28/2020	708	87
5/1/2020	709	95
5/4/2020	714	86
5/12/2020	726	81
5/13/2020	730	91
5/20/2020	709	93
5/26/2020	692	78
6/2/2020	692	103
6/10/2020	659	88
6/17/2020	694	144
6/23/2020	702	108

[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]No flows shown between 12/23/2019 and 1/10/2020 because no SVE System samples were collected due to unplanned shutdowns.

[3]No flows shown between 1/16/2020 and 3/6/2020 because no SVE system samples were collected due to unplanned shutdown.

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