



Illinois Environmental Protection Agency

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ILLINOIS EPA RCRA CORRECTIVE ACTION CERTIFICATION

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

1.0 Facility Identification

Name Equilon Enterprises LLC d/b/a/ SOPUS County Madison
 Street Address 900 South Central Ave. Site No. (IEPA) 1191150002
 City Roxana 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 October 1, 2020
- CMP Report; No. of Last IEPA Letter on Project B-43R-CA-95, CA-98
- Other (describe): Does this submittal include groundwater information: Yes No
Soil Vapor Sampling & SVE Monitoring Report - 3rd Quarter 2020
 Date of Submittal 10/29/2020

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

Soil Vapor Sampling and SVE Monitoring Report for the 3rd 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 - 3rd Quarter 2020 dated 10/29/2020. 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 3Q20 SV-SVE Report

Date of Submission: 10/29/2020

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: [Signature]
 Title: Principal Program Manager

Date: 10/20/20

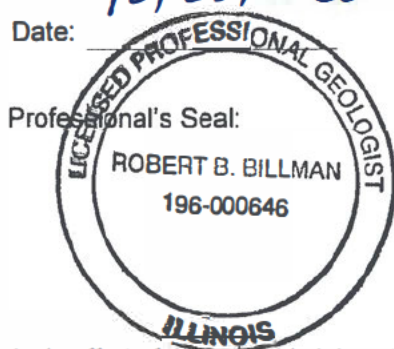
7.2 Professional Certification (if necessary)

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: [Signature]
 Professional's Name: Robert Billman
 Address: 100 N Broadway 20th Floor
 City: St Louis
 State: MO Zip Code: 63102
 Phone: 314-425-0100

Date: 10/25/2020



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

Sepideh Saeed

Signature of Laboratory Responsible Officer

Mailing Address of Laboratory

Address: 180 Blue Ravine Rd Suite B

City: Folsom

State: CA Zip Code: 95630

Date: August 21, 2020

Sepideh Saeed Vice-President

Name and Title of Laboratory Responsible Officer

October 29, 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 – 3rd 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

3rd 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
October 2020

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1 Introduction

AECOM Technical Services, Inc. (AECOM) is submitting this 3rd 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, the following format changes were made beginning with the 2nd Quarter 2020 (2Q20) report and include:

- Created **Appendix A** to present site background and regulatory history; and
- Updated **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 3rd Quarter 2020 (3Q20) was at a depth of approximately 22 to 41 feet bgs (approximate elevation of 406.5 to 408.5 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 0.75 to 1.25 feet since the 2Q20 gauging event. Water level measurements collected during the 3Q20 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 3Q20 comprehensive groundwater monitoring well gauging¹ (**Figure 3**) illustrates groundwater flow within the Village and WRR. **Figure 4** provides the groundwater potentiometric surface for the Investigation Area in 3Q20.

¹ 3Q20 comprehensive groundwater monitoring well gauging performed July 6-8, 2020.

3 Soil Vapor Sampling and Analytical Procedures

The 3Q20 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 3Q20 soil vapor sampling event was conducted July 22 through July 30, 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 depths² 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 syringe³. 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 a Thermo Scientific TVA-2020 Vapor Analyzer - Photoionization Detector (PID)/Flame Ionization Detector (FID); and for carbon dioxide (CO₂), methane (CH₄), lower explosive limit (LEL), and oxygen (O₂) 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 29 of the VMP screens were submerged beneath the water table (or a temporary water condition) during 3Q20; 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.

- Two 1st interval VMPs, VMP-11-5 and VMP-55-5, held vacuum during the attempted purge and were most likely submerged. The screen for VMP-11-5 is atop a clay layer, and the vacuum may reflect temporary soil moisture. 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-25-9.5, VMP-52-10, and VMP-55-10, held vacuum during the attempted purge and were most likely submerged. The screens for VMP-25-9.5 and VMP-55-10 are within fill material, and it is not unusual for shallow water to be trapped in the fill. The screen for VMP-52-10 is atop a clay layer, and the vacuum may reflect temporary soil moisture.
- Three 3rd interval VMPs, VMP-15-25.5, VMP-25-21 and VMP-48-20, held vacuum during the attempted purge and were most likely submerged.
- Twenty 4th interval VMPs, 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-22-38, VMP-23-40, VMP-29-40, VMP-30-40, VMP-41-26, VMP-44-30, 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 3Q20 are identified on **Figures 4** through **6**.

VMP-18 (single 8.5 ft port) could not be sampled because a trailer was parked on the location for the duration of sampling activities.

Re-samples – No ports were re-sampled in 3Q20.

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, and ten percent of the data were further subjected to a Level 4 data validation. 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 139 investigative samples and 17 field duplicate samples were collected from VMPs for analysis of VOCs (TO-15 analytes) and natural gases. Results qualified by AECOM due to method blank contamination, field duplicate results, and quality control sample recoveries are specified in the data reviews, which are retained in the project file. Based on method blanks, laboratory control sample recoveries, results reported from dilutions, and field duplicate results, soil vapor results reported for the analyses performed were accepted for their intended use.

4.2 Soil Vapor Analytical Results

The following TO-15 analytes were detected at concentrations at or above the reporting limit in soil vapor during the 3Q20 sampling event:

TO-15 Detections	
Acetone	Isopentane
Benzene	Isopropylbenzene (Cumene)
Bromodichloromethane	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)
Butane	Methyl tert-Butyl Ether (MTBE)
2-Butanone	2-Propanol
Carbon disulfide	n-Propylbenzene
Chloroform	Tetrachloroethene
Cyclohexane	Tetrahydrofuran
cis-1,2-Dichloroethene	Toluene
Dichloromethane (Methylene chloride)	Trichloroethene
Ethanol	Trichlorofluoromethane
Ethy benzene	2,2,4-Trimethylpentane
Hexane	<i>Vinyl chloride</i>

Italics indicate the analyte was detected at or above the reporting limit for the first time at any VMP. In addition to this list, several analytes were detected at estimated concentrations below the reporting limit. A cumulative tabular summary of the analytical results for the Village is presented in **Table 5**. A 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 the 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 above the RL in 2 of 117 samples, and between the MDL and RL in 19 of 117 samples collected in the Village. Detected concentrations of benzene from locations within the Village ranged from an estimated 0.00036 mg/m³ (VMP-54-5) to 0.033 mg/m³ (VMP-23-5). The results for samples collected in the Village indicate that no samples had a benzene concentration above the residential screening criterion (0.37 mg/m³). The 3Q20 and 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 above the RL in 2 of 31 samples, and between the MDL and RL in 5 of 31 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/m³ (VMP-13-21.5 and VMP-30-26) to 0.016 mg/m³ (VMP-29-26). 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/m³) for benzene. The 3Q20 and 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 above the RL in 2 of 8 samples, and between the MDL and RL in 3 of 8 samples collected in the WRR in 3Q20, and ranged in concentration from an estimated 0.0012 mg/m³ (VMP-16-5) to 2.1 mg/m³ (VMP-12-25). The results of samples collected in the WRR indicate that no samples exceeded the commercial/industrial screening criterion (2.8 mg/m³) for benzene. The 3Q20 and 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 (Biogenic) 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). 3Q20 oxygen levels were within the range of historical values. 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 3Q20. **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/m³).

Groundwater Monitoring Well Gauging and Sampling

The results for groundwater monitoring well gauging and sampling are presented in the Interim Groundwater Monitoring Program – 3rd Quarter 2020 Report (AECOM, 2020). **Figure 12** presents the estimated distribution of dissolved phase benzene in the groundwater. Light non-aqueous phase liquid (LNAPL) thicknesses observed during the 3Q20 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 3Q20. SVE system history is further discussed in **Appendix A**.

5.1 SVE System Operations

Approximately 625 gallons of water (130 gallons of condensate; and 495 gallons of potable water added during float testing activities) were removed from the Public Works aboveground storage tank (AST) in 3Q20, as compared to 312 gallons in 2Q20. Condensate from the Public Works AST was transported to the Heritage Environmental Services facility in Indianapolis, Indiana for treatment. No condensate from the WFL AST was removed in 3Q20, as compared to 1,257 gallons in 2Q20.

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.

An annual Preventative Maintenance Evaluation (PME) was conducted on the regenerative thermal oxidizer (RTO) and associated components in 3Q20. The PME is conducted yearly by the RTO manufacturer to check components, alarms, and general system condition. The SVE system was shut down at 5:57 a.m. on July 26, 2020 to allow it to cool in preparation for the PME, and restarted at 4:40 p.m. on July 28, 2020 following completion of the PME. The system was shut down for a total of 57 hours and 43 minutes for the PME and associated activities. The RTO and associated components were found to be in good condition during the PME. A chronology of maintenance and operation activities associated with the system during 3Q20 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.

SVE System Assessment

An assessment of SVE system operations in the vicinity of Fourth and Chaffer and the Public Works Yard was undertaken during 3Q20. The assessment focused on the operation of SVE wells and monitoring of VMPs in these areas. This effort commenced on July 1, 2020 with the operation of SVE wells on the Blue, Purple and Teal lines (**Figure 14**). Following this initial operation, each line was operated individually to assess SVE system operation. Wells on the Purple line with open screen were operated from July 7-14, 2020. Village wells on the Blue line were operated from July 20 to September 21, 2020. Operation of the Teal line wells began on September 21, 2020 and continue to operate. Monitoring of VMPs in the vicinity of Fourth and Chaffer and the Public Works Yard, and throughout the Village, was conducted to assess soil vapor in the Village during SVE system operations. Results of

the monitoring are included in **Tables 8, 9, and 10**. Adjustments to SVE wells are described in **Appendix C** and sample results from operating wells are included in **Table 8**.

Although assessment of SVE system operations in the area of the Public Works Yard is continuing, assessment data collected and presented herein indicate that the SVE system can be operated to focus on the Fourth and Chaffer and Public Works Yard areas. The data will be further evaluated once the assessment is completed.

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 3Q20 (listed below) are shown on **Figure 14**.

- SVE wells operating during the 3Q20 effectiveness monitoring events were:
 - SVE-3R, SVE-42, SVE-43, SVE-44 and SVE-47 are located in the Village.
 - Samples were collected from all operating SVE wells during 3Q20 effectiveness monitoring events.
- Fifty-one VMP locations were sampled monthly during 3Q20 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**.

VMP-40

In 3Q20 P66 subcontractors began construction activities associated with new electric transmission towers along the WFL. AECOM performed a walkthrough of the construction area with P66 subcontractors and informed them of the locations of SOPUS assets in the affected areas. On August 19, 2020 AECOM discovered that the P66 subcontractor had damaged VMP-40. AECOM is working with P66 and its subcontractor to replace VMP-40. VMP-40 was not part of the Quarterly Sampling program but was sampled during the Monthly Effectiveness program.

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 operating SVE leg located at the RTO were obtained and can be found in **Appendix D**.

- WFL and Public Works header concentrations and mass removal decreased in 3Q20, which coincided with the closure of SVE wells located in the WRR as part of SVE System Assessment. See SVE System Assessment discussion in **Section 5.2** and system downtime and hydrocarbon mass removal calculation discussion details in **Section 5.4**.
- During 3Q20, 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 3Q20; therefore the LNAPL observed originates in the vadose zone and not the groundwater. During 3Q20 approximately 0.25 gallons of LNAPL was recovered from SVE-45.
- Trends related to hydrocarbon concentrations monitored in the field are expected to continue, and these numbers are expected to improve as the system is operated and/or optimized.

5.4 SVE System Operation Evaluation

For the months of July, August, and September 2020, the system uptime was 86.49%, 97.79%, and 99.48%, respectively.

April			May			June		
Total Time	Total Uptime	Percentage Uptime	Total Time	Total Uptime	Percentage Uptime	Total Time	Total Uptime	Percentage Uptime
744 hours	643.48 hours	86.49%	744 hours	727.53 hours	97.79%	720 hours	716.23 hours	99.48%

During 3Q20 the SVE system experienced four unplanned periods of downtime:

- July 15-16, 2020, the system shut down due to blower variable frequency drive (VFD) and power failure alarm conditions experienced during a thunderstorm. The system was shut down for approximately 17 hours and 4 minutes during this period.
- July 17, 2020, the system shut down due to a system fan VFD alarm condition. The system was shut down for approximately 5 hours and 59 minutes.
- July 21, 2020, the system shut down due to a power failure alarm condition experienced during a thunderstorm. The system was shut down for approximately 17 hours and 16 minutes.
- August 10-11, 2020, the system shut down due to a system fan VFD alarm condition experienced during a thunderstorm. The system was shut down for approximately 14 hours and 53 minutes.

The remainder of downtime in 3Q20 was associated with routine (planned) maintenance activities. A summary table of system downtime by date for 3Q20 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 one time in 3Q20 for the PW header.

In 3Q20 potable water was periodically added to the WFL VLS unit when dry. This is done to mitigate dust buildup 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. SVE System blower speed was adjusted during 3Q20. Blower speed adjustments and supplemental dilution utilization are 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 leg⁴. The flow rates for the appropriate legs were summed to determine flow rates in the WFL Header and the Public Works Header. Flow rates are included in **Appendix F**. Only flow rates and concentrations samples taken on the same day were used to calculate mass removal.

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

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

Where:

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

Q = Total header flowrate (SCFM)

φ = Total hydrocarbon concentration (ppmv)

M_c = Molecular weight of total hydrocarbons (lb/lb-mole)

h = Period SVE operating hours (hours)

Unit conversions:

60 minutes per hour

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

2000 pounds per tons

Header analytical results from **Table 10** were used to estimate vapor molecular weights in the WFL and Public Works headers. Based on the soil vapor analytical results of the WFL and Public Works header samples, the calculated molecular weights for this reporting period, 25.5 lb/lb-mole and 23.3 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 3Q20.

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

⁴ 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.

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
3Q20	8	2	10	3,048

Carbon Footprint

Total carbon dioxide (CO₂) mass emitted from operation of the SVE system RTO in 3Q20 was 118 tons, compared to 206 tons in 2Q20. Based on a total of 10 tons of total hydrocarbons (THC) removed from the subsurface and treated by the RTO, the CO₂ mass emissions rate in 3Q20 was 11.8 tons per ton THC removed, compared to 5.1 tons per ton THC removed in 2Q20.

Total CO₂ emissions are based on the sum of CO₂ mass emitted from the RTO stack and CO₂ mass emitted by the public utility to provide electricity required for RTO operation. The CO₂ mass emitted from the RTO stack is the sum of CO₂ emitted from combustion of extracted soil vapor and supplemental natural gas required for operation.

The breakdown for CO₂ emissions in 3Q20 is as follows:

- 27 tons CO₂ from soil vapor combustion
- 33 tons CO₂ from combustion of 5,651 therms of supplemental natural gas⁵
- 59 tons CO₂ from 60,047 kWh of electricity assuming 0.887 metric tons (0.978 tons) CO₂ emitted per Net MWh (Ameren, 2019)
- **118 tons CO₂ Total**

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, blower speed adjustment, valve adjustment of individual SVE wells and legs of the SVE system to direct more vacuum to areas with higher hydrocarbon concentrations.

⁵ US Environmental Protection Agency (USEPA), July 1998; (USEPA, 1998); AP-42 Compilation of Air Emissions Factors, Volume 1, Chapter 1: External Combustion Sources, Table 1.4-2, Fifth Edition, Supplement D.

6 Conclusions

AECOM conducted the 3Q20 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 3Q20:

- Soil vapor samples were collected from 45 locations and 139 ports in the Village, Public Works Yard, and WRR during 3Q20. Due to subsurface water conditions, 29 ports were submerged and unable to be sampled.
 - No sample results exceeded the benzene residential screening criterion (0.37 mg/m³) in the Village. Detected benzene concentrations ranged from an estimated 0.00036 mg/m³ to 0.033 mg/m³.
 - No sample results exceeded the benzene commercial/industrial screening criterion (2.8 mg/m³) in the Public Works Yard or the area along Illinois Route 111 and Rand Avenue. Detected benzene concentrations ranged from an estimated 0.0012 mg/m³ to 0.016 mg/m³.
 - No sample results exceeded the benzene commercial/industrial screening criterion (2.8 mg/m³) in the WRR. Detected benzene concentrations ranged from an estimated 0.0012 mg/m³ to 2.1 mg/m³.
- As presented in detail in this report, the SVE system continues to operate with supplemental fuel and has been effective. Initial results from SVE System Assessment indicate that SVE System operations can focus on the Fourth and Chaffer and Public Works Yard areas, in alignment with the IEPA letter dated October 1, 2020 (Log No. B-43R-CA-95, CA-98).
- Assessment of SVE system operations with a focus on Sustainability continued during 3Q20. Preliminary carbon footprint analysis indicates that operating the SVE system, including the contribution from electricity generation, resulted in the emissions of approximately 11.8 tons of CO₂ per ton of THC removed in 3Q20. This is an increase compared to the 2Q20 CO₂ emissions rate of approximately 5.4 tons CO₂ per ton of THC removed.

Limitations:

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

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

7 References

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Tables

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											
4Q17	442.65	10/2/2017	NE	37.62	NA	NA	NA	405.03	393.85 - 383.85 (48.80 - 58.80)	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		7/1/2019	NE	36.65	NA	NA	NA	406.18		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	*		
3Q20	7/6/2020	NE	35.59	NA	NA	NA	407.24	0.0	*		
MW 02											
4Q17	443.77	10/2/2017	NE	38.87	NA	NA	NA	404.90	393.90 - 383.90 (49.87 - 59.87)	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		7/1/2019	NE	38.26	NA	NA	NA	405.67		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	*		
3Q20	7/6/2020	NE	37.03	NA	NA	NA	406.90	130	*		
MW 03											
4Q17	430.08	10/2/2017	NE	24.98	NA	NA	NA	405.10	395.41 - 385.41 (34.67 - 44.67)	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		7/1/2019	NE	23.10	NA	NA	NA	407.13		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	*		
3Q20	7/6/2020	NE	22.55	NA	NA	NA	407.68	0.0	*		
MW 04											
4Q17	441.14	10/2/2017	NE	36.20	NA	NA	NA	404.94	396.08 - 386.08 (45.06 - 55.06)	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		7/1/2019	NE	34.84	NA	NA	NA	406.47		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	*		
3Q20	7/6/2020	NE	33.99	NA	NA	NA	407.32	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											
4Q17	429.80	10/2/2017	NE	24.78	NA	NA	NA	405.02	395.83 - 385.83 (33.97 - 43.97)	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		7/1/2019	NE	22.80	NA	NA	NA	407.18		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	*		
3Q20	7/6/2020	NE	22.25	NA	NA	NA	407.73	0.0	*		
MW 06A											
4Q17	432.14	10/2/2017	NE	26.98	NA	NA	NA	405.16	397.31 - 387.31 (34.83 - 44.83)	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		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		7/1/2019	NE	24.94	NA	NA	NA	407.39		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	*		
3Q20	7/6/2020	NE	24.38	NA	NA	NA	407.95	0.0	*		
MW 06B											
4Q17	432.29	10/2/2017	NE	27.02	NA	NA	NA	405.27	368.24 - 363.24 (64.05 - 69.05)	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		7/1/2019	NE	24.97	NA	NA	NA	407.40		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	*		
3Q20	7/6/2020	NE	24.44	NA	NA	NA	407.93	0.0	*		
MW 06C											
4Q17	432.11	10/2/2017	NE	26.81	NA	NA	NA	405.30	347.16 - 342.16 (84.95 - 89.95)	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		7/1/2019	NE	24.77	NA	NA	NA	407.41		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	*		
3Q20	7/6/2020	NE	24.23	NA	NA	NA	407.95	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 06D											
4Q17	431.99	10/2/2017	NE	26.68	NA	NA	NA	405.31	327.27 - 322.27 (104.72 - 109.72)	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		7/1/2019	NE	24.60	NA	NA	NA	407.46		0.0	*
4Q19	432.06	10/1/2019	NE	24.09	NA	NA	NA	407.97	327.34 - 322.34 (104.72 - 109.72)	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	*
3Q20		7/6/2020	NE	24.09	NA	NA	NA	407.97		0.0	*
MW 07											
4Q17	443.10	10/2/2017	NE	38.37	NA	NA	NA	404.73	400.18 - 390.18 (42.92 - 52.92)	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		7/1/2019	NE	36.94	NA	NA	NA	406.37		9714	*
4Q19	443.31	10/1/2019	NE	36.08	NA	NA	NA	407.23	400.39 - 390.39 (42.92 - 52.92)	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	*
3Q20		7/6/2020	NE	36.07	NA	NA	NA	407.24		5498	*
MW 08											
4Q17	434.11	10/2/2017	NE	29.28	NA	NA	NA	404.83	400.51 - 390.51 (33.60 - 43.60)	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		7/1/2019	NE	27.49	NA	NA	NA	406.94		6186	*
4Q19	434.43	10/1/2019	NE	26.85	NA	NA	NA	407.58	400.83 - 390.83 (33.60 - 43.60)	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	*
3Q20		7/6/2020	NE	26.64	NA	NA	NA	407.79		25.4	*
MW 09											
4Q17	445.20	10/2/2017	NE	39.22	NA	NA	NA	405.98	398.75 - 388.75 (46.45 - 56.45)	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		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		7/1/2019	NE	39.16	NA	NA	NA	406.12		1.9	*
4Q19	445.28	10/1/2019	NE	37.90	NA	NA	NA	407.38	399.24 - 389.24 (46.04 - 56.04)	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	*
3Q20		7/6/2020	NE	37.26	NA	NA	NA	408.02		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 10											
4Q17	445.03	10/2/2017	NE	39.06	NA	NA	NA	405.97	400.60 - 390.60 (44.43 - 54.43)	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		7/1/2019	NE	39.75	NA	NA	NA	405.31		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	*		
3Q20	7/6/2020	NE	37.17	NA	NA	NA	407.89	0.0	*		
MW 11											
4Q17	442.33	10/2/2017	NE	36.69	NA	NA	NA	405.64	400.67 - 390.67 (41.66 - 51.66)	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	7/1/2019	NE	36.33	NA	NA	NA	406.05	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	*		
3Q20	7/6/2020	NE	34.85	NA	NA	NA	407.53	0.0	*		
MW 12											
4Q17	442.60	10/2/2017	NE	37.24	NA	NA	NA	405.36	400.68 - 390.68 (41.92 - 51.92)	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	7/1/2019	NE	36.32	NA	NA	NA	406.32	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	*		
3Q20	7/6/2020	NE	35.23	NA	NA	NA	407.41	0.0	*		
MW 13											
4Q17	430.27	10/2/2017	NE	24.95	NA	NA	NA	405.32	404.70 - 394.70 (25.57 - 35.57)	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		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	7/1/2019	NE	21.84	NA	NA	NA	408.46	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	*		
3Q20	7/7/2020	NE	21.85	NA	NA	NA	408.45	0.9	*		

**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
MW 14											
4Q17	434.44	10/3/2017	NE	29.24	NA	NA	NA	405.20	401.02 - 391.02 (33.42 - 43.42)	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		7/2/2019	NE	27.22	NA	NA	NA	407.39		596	*
4Q19		10/2/2019	NE	26.64	NA	NA	NA	407.97		49.8	*
1Q20		434.61	1/3/2020	NE	27.98	NA	NA	NA		406.63	401.19 - 391.19 (33.42 - 43.42)
2Q20	4/3/2020		NE	27.66	NA	NA	NA	406.95	75.1	*	
3Q20	7/13/2020		NE	26.52	NA	NA	NA	408.09	38.2	*	
MW 16											
4Q17	443.39	10/2/2017	NE	38.15	NA	NA	NA	405.24	406.33 - 396.33 (37.06 - 47.06)	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		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		7/2/2019	NE	37.87	NA	NA	NA	405.73		0.0	
4Q19	443.60	10/1/2019	NE	36.74	NA	NA	NA	406.86	406.10 - 396.10 (37.50 - 47.50)	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	
3Q20		7/6/2020	NE	36.56	NA	NA	NA	407.04		0.0	*
MW 17											
4Q17	441.57	10/2/2017	NE	36.03	NA	NA	NA	405.54	407.28 - 392.28 (34.29 - 49.29)	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		7/1/2019	NE	36.88	NA	NA	NA	404.90		0.0	
4Q19	441.78	10/1/2019	NE	35.40	NA	NA	NA	406.38	407.49 - 392.49 (34.29 - 49.29)	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	
3Q20		7/6/2020	NE	35.08	NA	NA	NA	406.70		0.0	
MW 18											
4Q17	442.04	10/2/2017	NE	36.62	NA	NA	NA	405.42	407.12 - 392.12 (34.92 - 49.92)	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		7/1/2019	NE	37.30	NA	NA	NA	404.94		0.0	
4Q19	442.24	10/2/2019	NE	35.86	NA	NA	NA	406.38	407.32 - 392.32 (34.92 - 49.92)	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	
3Q20		7/6/2020	NE	35.71	NA	NA	NA	406.53		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											
4Q17	442.77	10/2/2017	NE	37.51	NA	NA	NA	405.26	406.43 - 391.43 (36.34 - 51.34)	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		7/1/2019	NE	37.88	NA	NA	NA	405.10		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			
3Q20	7/6/2020	NE	36.34	NA	NA	NA	406.64	87.8			
MW 20											
4Q17	443.67	10/2/2017	NE	38.64	NA	NA	NA	405.03	407.79 - 392.79 (36.88 - 50.88)	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		7/1/2019	NE	38.56	NA	NA	NA	405.30		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			
3Q20	7/6/2020	NE	37.10	NA	NA	NA	406.76	0.0			
MW 21											
4Q17	443.81	10/2/2017	NE	39.12	NA	NA	NA	404.69	408.80 - 393.80 (35.01 - 50.01)	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		7/1/2019	NE	38.11	NA	NA	NA	405.90		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			
3Q20	7/6/2020	NE	37.03	NA	NA	NA	406.98	0.0			
MW 22											
4Q17	442.16	10/2/2017	NE	36.74	NA	NA	NA	405.42	404.28 - 394.28 (37.88 - 47.88)	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		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		7/1/2019	NM	NM	NA	NA	NA	NA		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			
3Q20	7/7/2020	NE	35.25	NA	NA	NA	407.13	0.1			

**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											
4Q17	431.41	10/2/2017	NE	26.35	NA	NA	NA	405.06	402.39 - 392.39 (29.02 - 39.02)	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		7/1/2019	NE	23.34	NA	NA	NA	408.23		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	*		
3Q20	7/6/2020	NE	23.32	NA	NA	NA	408.25	0.0	*		
MW 24											
4Q17	443.42	10/2/2017	NE	38.03	NA	NA	NA	405.39	404.53 - 394.53 (38.89 - 48.89)	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		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		7/1/2019	NE	37.42	NA	NA	NA	406.23		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	*		
3Q20	7/6/2020	NE	36.11	NA	NA	NA	407.54	0.0	*		
MW 25											
4Q17	438.35	10/2/2017	NE	33.40	NA	NA	NA	404.95	402.76 - 392.76 (35.59 - 45.59)	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		7/1/2019	NE	31.85	NA	NA	NA	406.68		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	*		
3Q20	7/6/2020	NE	31.09	NA	NA	NA	407.44	103	*		
MW 26											
4Q17	441.02	10/2/2017	NE	36.05	NA	NA	NA	404.97	402.87 - 392.87 (38.15 - 48.15)	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	7/1/2019	NE	34.94	NA	NA	NA	406.29	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	*		
3Q20	7/6/2020	NE	33.93	NA	NA	NA	407.30	0.0	*		

**TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS**

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 27											
4Q17	443.40	10/3/2017	NE	37.25	NA	NA	NA	406.15	403.61 - 393.61 (39.79 - 49.79)	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		7/1/2019	NE	38.03	NA	NA	NA	405.57		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	*		
3Q20	7/6/2020	NE	35.62	NA	NA	NA	407.98	0.0	*		
MW 28											
4Q17	443.34	10/2/2017	NE	36.61	NA	NA	NA	406.73	409.73 - 399.73 (33.61 - 43.61)	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		7/1/2019	NE	37.56	NA	NA	NA	405.99		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	*		
3Q20	7/6/2020	NE	35.19	NA	NA	NA	408.36	0.0	*		
P 01											
4Q17	442.73	10/3/2017	NE	28.94	NA	NA	NA	413.79	380.78 - 375.78 (61.95 - 66.95)	0.0	*
1Q18		1/4/2018	NE	30.05	NA	NA	NA	412.68		0.0	*
2Q18		4/4/2018	NE	30.60	NA	NA	NA	412.13		0.0	*
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		7/2/2019	NE	29.96	NA	NA	NA	413.02		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	*		
3Q20	7/8/2020	NE	26.47	NA	NA	NA	416.51	0.0	*		
P 4U											
4Q17	442.54	10/3/2017	NE	30.04	NA	NA	NA	412.50	361.39 - 359.39 (81.15 - 83.15)	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		7/2/2019	NE	31.80	NA	NA	NA	410.94		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	*		
3Q20	7/8/2020	NE	27.92	NA	NA	NA	414.82	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 5L											
4Q17	443.84	10/3/2017	NE	30.23	NA	NA	NA	413.61	303.44 - 301.44 (140.40 - 142.40)	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		7/2/2019	NE	31.10	NA	NA	NA	412.91		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	*		
3Q20	7/8/2020	NE	27.62	NA	NA	NA	416.39	0.0	*		
P 5U											
4Q17	444.24	10/3/2017	NE	31.40	NA	NA	NA	412.84	313.61 - 311.61 (130.63 - 132.63)	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		7/2/2019	NE	33.08	NA	NA	NA	411.34		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	*		
3Q20	7/8/2020	NE	28.96	NA	NA	NA	415.46	0.0	*		
P 6U											
4Q17	443.45	10/3/2017	NE	31.82	NA	NA	NA	411.63	362.95 - 360.95 (80.50 - 82.50)	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		7/2/2019	NE	32.51	NA	NA	NA	411.12		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	*		
3Q20	7/8/2020	NE	28.66	NA	NA	NA	414.97	0.0	*		
P 7U											
4Q17	443.91	10/3/2017	NE	31.10	NA	NA	NA	412.81	382.83 - 380.83 (61.08 - 63.08)	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		7/2/2019	NE	32.68	NA	NA	NA	411.40		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	*		
3Q20	7/8/2020	NE	28.87	NA	NA	NA	415.21	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											
4Q17	441.85	10/3/2017	NE	30.85	NA	NA	NA	411.00	382.33 - 380.33 (59.52 - 61.52)	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		7/2/2019	NE	33.51	NA	NA	NA	408.56		0.0	*
4Q19		10/2/2019	NE	32.58	NA	NA	NA	409.49	381.94 - 379.94 (60.13 - 62.13)	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	*	
3Q20	7/7/2020	NE	29.17	NA	NA	NA	412.90		0.0	*	
P 9U											
4Q17	445.04	10/3/2017	NE	35.39	NA	NA	NA	409.65	344.45 - 342.45 (100.59 - 102.59)	0.0	*
1Q18		1/4/2018	NE	36.60	NA	NA	NA	408.44		40.5	*
2Q18		4/4/2018	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at well - Unable to access
3Q18		7/3/2018	NE	38.51	NA	NA	NA	406.53		0.0	*
4Q18		10/2/2018	NE	39.11	NA	NA	NA	405.93		0.0	*
1Q19		1/3/2019	NE	40.12	NA	NA	NA	404.92		0.0	*
2Q19		4/2/2019	NE	40.14	NA	NA	NA	404.90	0.0	*	
3Q19		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		*	
3Q20	7/7/2020	NE	33.75	NA	NA	NA	411.45	0.2	*		
P 11L											
4Q17	442.55	10/3/2017	NE	31.66	NA	NA	NA	410.89	332.34 - 330.34 (110.21 - 112.21)	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		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		*	
3Q20	7/8/2020	NE	29.91	NA	NA	NA	412.85	0.0	*		
P 11U											
4Q17	443.17	10/3/2017	NE	32.27	NA	NA	NA	410.90	343.25 - 341.25 (99.92 - 101.92)	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		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		*	
3Q20	7/8/2020	NE	30.52	NA	NA	NA	412.86	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
P 14											
4Q17	442.74	10/3/2017	NE	29.00	NA	NA	NA	413.74	395.41 - 385.41 (47.33 - 57.33)	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		7/2/2019	NE	30.05	NA	NA	NA	412.96		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		395.54 - 385.54 (47.47 - 57.47)	0.0
2Q20	4/1/2020	NE	27.95	NA	NA	NA	415.06	0.0	*		
3Q20	7/8/2020	NE	26.56	NA	NA	NA	416.45	0.0	*		
P 15											
4Q17	443.69	10/3/2017	NE	30.70	NA	NA	NA	412.99	398.24 - 388.24 (45.45 - 55.45)	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		7/2/2019	NE	32.11	NA	NA	NA	411.77		0.0	*
4Q19	10/2/2019	NE	31.70	NA	NA	NA	412.18	398.43 - 388.43 (45.45 - 55.45)	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	*	
3Q20	7/8/2020	NE	28.61	NA	NA	NA	415.27		0.0	*	
P 16											
4Q17	442.68	10/3/2017	NE	29.75	NA	NA	NA	412.93	396.94 - 386.94 (45.74 - 55.74)	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		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	*		
3Q20	7/8/2020	NE	27.57	NA	NA	NA	415.27	0.0	*		
P 43											
4Q17	444.44	10/3/2017	NE	33.15	NA	NA	NA	411.29	380.88 - 370.88 (63.56 - 73.56)	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	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	*	
3Q20	7/8/2020	NE	31.38	NA	NA	NA	413.24		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 53											
4Q17	446.41	10/3/2017	NE	38.92	NA	NA	NA	407.49	407.91 - 382.91 (38.50 - 63.50)	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	*
3Q20		7/6/2020	NE	37.09	NA	NA	NA	409.48		0.0	*
P 54											
4Q17	442.32	10/2/2017	NE	36.88	NA	NA	NA	405.44	404.32 - 379.32 (38.00 - 63.00)	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	*
3Q20		7/6/2020	NE	34.77	NA	NA	NA	407.75		0.0	*
P 55R											
4Q17	443.79	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	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	*
3Q20		7/6/2020		35.44	35.46	408.57	408.55	0.02	408.55	78.3	*
P 56											
4Q17	446.14	10/2/2017	NE	41.05	NA	NA	NA	405.09	405.32 - 380.32 (40.82 - 65.82)	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	*
3Q20		7/6/2020	NE	39.61	NA	NA	NA	406.71		170	*

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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												
4Q17	446.96	10/2/2017	NE	42.35	NA	NA	NA	404.61	402.77 - 392.77 (44.19 - 54.19)	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		7/1/2019	NE	41.35	NA	NA	NA	405.80		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	*			
3Q20	7/6/2020	NE	40.23	NA	NA	NA	406.92	127	*			
P 58												
4Q17	444.94	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	NA	401.75	0.0		
3Q18		7/2/2018	NE	43.70	NA	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	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	NA	401.75	0.0		
3Q19		7/1/2019	NE	38.92	NA	NA	NA	NA	406.24	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	*		
3Q20	7/6/2020		38.06	38.08	407.08	407.10	0.02	407.10	28.7	*		
P 59												
4Q17	446.86	10/2/2017	NE	41.57	NA	NA	NA	405.29	398.95 - 373.95 (47.91 - 72.91)	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		7/1/2019	NE	42.06	NA	NA	NA	NA		405.01	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	NA		406.46	180	*
1Q20	1/2/2020	NE	41.99	NA	NA	NA	NA	405.08	113	*		
2Q20	4/1/2020	NE	41.35	NA	NA	NA	NA	405.72	161	*		
3Q20	7/6/2020	NE	40.40	NA	NA	NA	NA	406.67	163	*		
P 60												
4Q17	446.69	10/2/2017		41.12	41.15	405.54	405.57	0.03	405.56	403.24 - 383.24 (43.45 - 63.45)	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	NA	402.44	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		7/1/2019	NE	41.98	NA	NA	NA	NA	404.90	31.7	*	
4Q19		10/1/2019	NE	40.42	NA	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	NA	406.01	3.4	*		
3Q20	7/6/2020	NE	39.94	NA	NA	NA	NA	406.94	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 61											
4Q17	444.47	10/2/2017	39.43	39.61	404.86	405.04	0.18	405.00	398.80 - 373.80 (45.68 - 70.68)	20.1	*
1Q18		1/2/2018	41.78	41.84	402.63	402.69	0.06	402.68		313	*
2Q18		4/4/2018	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at well - Unable to access
3Q18		7/2/2018	43.77	44.20	400.27	400.70	0.43	400.61		91.3	*
4Q18		10/2/2018	43.89	43.93	400.54	400.58	0.04	400.57		237	*
1Q19		1/3/2019	43.79	43.83	400.64	400.68	0.04	400.67		375	*
2Q19		4/1/2019	43.80	43.81	400.66	400.67	0.01	400.67		417	*
3Q19		7/1/2019	40.39	40.40	404.26	404.27	0.01	404.27		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	*		
3Q20	7/7/2020	38.47	38.49	406.17	406.19	0.02	406.19	29.0	*		
P 62											
4Q17	442.43	10/3/2017	37.49	37.52	404.91	404.94	0.03	404.93	400.96 - 375.96 (41.47 - 66.47)	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		7/1/2019	38.86	38.89	403.71	403.74	0.03	403.73		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	*		
3Q20	7/6/2020	36.00	36.01	406.59	406.60	0.01	406.60	63.0	*		
P 63											
4Q17	445.85	10/3/2017	41.32	41.35	404.50	404.53	0.03	404.52	398.56 - 373.56 (47.29 - 72.29)	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		7/1/2019	43.86	43.91	402.15	402.20	0.05	402.19		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	*		
3Q20	7/7/2020	39.67	39.68	406.38	406.39	0.01	406.39	28.0	*		
P 64											
4Q17	446.89	10/3/2017	NE	42.60	NA	NA	NA	404.29	399.66 - 374.66 (47.23 - 72.23)	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		7/1/2019	45.63	45.72	401.06	401.15	0.09	401.13		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	*		
3Q20	7/7/2020	40.85	40.88	405.90	405.93	0.03	405.92	112	*		

**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											
4Q17	444.60	10/3/2017	NE	40.14	NA	NA	NA	404.46	397.58 - 372.58 (47.02 - 72.02)	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		7/1/2019	NE	41.97	NA	NA	NA	402.80		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	*		
3Q20	7/7/2020	NE	38.28	NA	NA	NA	406.49	2.8	*		
P 66											
4Q17	436.81	10/2/2017	NE	31.96	NA	NA	NA	404.85	402.09 - 377.09 (34.72 - 59.72)	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		7/2/2019	NE	30.27	NA	NA	NA	406.73		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	*		
3Q20	7/13/2020	NE	29.51	NA	NA	NA	407.49	35.6	*		
P 67											
4Q17	444.10	10/2/2017	NE	38.10	NA	NA	NA	406.00	402.12 - 377.12 (41.98 - 66.98)	386	*
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		7/2/2019	37.20	37.24	407.06	407.10	0.04	407.09		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	*		
3Q20	7/7/2020	35.80	35.81	408.49	408.50	0.01	408.50	0.9	*		
P 68											
4Q17	445.18	10/2/2017	39.54	39.56	405.62	405.64	0.02	405.64	399.92 - 374.92 (45.26 - 70.26)	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		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		7/1/2019	40.75	40.88	404.50	404.63	0.13	404.60		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	*		
3Q20	7/7/2020	38.60	38.61	406.77	406.78	0.01	406.78	159	*		

**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												
4Q17	443.40	10/2/2017	NE	38.04	NA	NA	NA	405.36	402.58 - 377.58 (40.82 - 65.82)	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		7/1/2019	NE	39.38	NA	NA	NA	404.39		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	*			
3Q20	7/7/2020	NE	37.40	NA	NA	NA	406.37	149	*			
P 70												
4Q17	442.95	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		7/1/2019		38.92	38.93	404.18	404.19	0.01	404.19	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	*		
3Q20	7/7/2020	NE	36.67	36.67	NA	NA	NA	406.44	268	*		
P 71												
4Q17	444.94	10/3/2017	NE	40.01	NA	NA	NA	404.93	402.33 - 377.33 (42.61 - 67.61)	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		7/1/2019	NE	40.85	NA	NA	NA	404.24		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	*			
3Q20	7/7/2020	NE	38.35	NA	NA	NA	406.74	51.8	*			
P 72												
4Q17	444.49	10/3/2017	NE	39.69	NA	NA	NA	404.80	398.72 - 373.72 (45.77 - 70.77)	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		7/1/2019	NE	40.20	NA	NA	NA	404.50		11.0	*	
4Q19		10/2/2019	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at well - Unable to access	
1Q20		1/2/2020	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at well - Unable to access	
2Q20	4/2/2020	NE	38.84	NA	NA	NA	405.86	0.8	*			
3Q20	7/7/2020	NE	37.75	NA	NA	NA	406.95	5.6	*			

**TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS**

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 73											
4Q17	443.86	10/3/2017	NE	40.25	NA	NA	NA	403.61	402.27 - 377.27 (41.59 - 66.59)	127	*
1Q18		1/3/2018	NE	41.93	NA	NA	NA	401.83		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		7/1/2019	NE	38.98	NA	NA	NA	405.04		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	*		
3Q20	7/7/2020	NE	37.81	NA	NA	NA	406.21	230	*		
P 74											
4Q17	442.72	10/2/2017	NE	37.43	NA	NA	NA	405.29	398.29 - 373.29 (44.43 - 69.43)	0.0	*
1Q18		1/3/2018	NE	40.21	NA	NA	NA	402.51		1.6	*
2Q18		4/4/2018	NE	39.81	NA	NA	NA	402.91		0.0	*
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		7/1/2019	NE	38.32	NA	NA	NA	404.61		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	*		
3Q20	7/7/2020	NE	36.55	NA	NA	NA	406.38	0.1	*		
P 75											
4Q17	446.42	10/2/2017	NE	41.90	NA	NA	NA	404.52	403.29 - 378.29 (43.13 - 68.13)	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		7/2/2019	NE	40.50	NA	NA	NA	406.18		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	*		
3Q20	7/7/2020	NE	39.62	NA	NA	NA	407.06	31.9	*		
P 82A											
4Q17	435.02	10/3/2017	NE	25.97	NA	NA	NA	409.05	401.81 - 386.81 (33.21 - 48.21)	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		7/1/2019	NE	24.08	NA	NA	NA	410.86		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	*		
3Q20	7/7/2020	NE	22.98	NA	NA	NA	411.96	0.0	*		

**TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS**

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments	
P 82B												
4Q17	434.48	10/3/2017	NE	25.70	NA	NA	NA	408.78	370.88 - 368.88 (63.60 - 65.60)	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	406.83		0.0	*	
3Q19		7/1/2019	NE	23.78	NA	NA	NA	410.90		0.0	*	
4Q19		10/1/2019	NE	23.59	NA	NA	NA	411.09	371.88 - 369.88 (62.80 - 64.80)	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		*		
3Q20	7/7/2020	NE	22.71	NA	NA	NA	411.97	0.1		*		
P 82C												
4Q17	434.21	10/3/2017	NE	25.41	NA	NA	NA	408.80	351.44 - 349.44 (82.77 - 84.77)	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	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	*		
3Q20	7/7/2020	NE	22.40	NA	NA	NA	412.01		0.0	*		
P 82D												
4Q17	434.89	10/3/2017	NE	26.20	NA	NA	NA	408.69	323.47 - 321.47 (111.42 - 113.42)	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		0.0	*	
3Q18		7/2/2018	NE	28.35	NA	NA	NA	406.54		323.35 - 321.35 (111.54 - 113.54)	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	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	*		
3Q20	7/7/2020	NE	23.16	NA	NA	NA	411.93		0.0	*		
P 83A												
4Q17	445.36	10/3/2017	NE	38.88	NA	NA	NA	406.48	398.71 - 383.71 (46.65 - 61.65)	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	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	*		
3Q20	7/7/2020	NE	37.27	NA	NA	NA	408.27		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											
4Q17	445.55	10/3/2017	NE	39.13	NA	NA	NA	406.42	375.90 - 373.90 (69.65 - 71.65)	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		7/1/2019	NE	42.20	NA	NA	NA	403.57		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		371.97 - 369.97 (73.80 - 75.80)	0.0
2Q20	4/2/2020	NE	39.09	NA	NA	NA	406.68	0.0	*		
3Q20	7/7/2020	NE	37.54	NA	NA	NA	408.23	0.0	*		
P 83C											
4Q17	445.78	10/3/2017	NE	39.27	NA	NA	NA	406.51	353.39 - 351.39 (92.39 - 94.39)	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		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		*	
3Q20	7/7/2020	NE	37.69	NA	NA	NA	408.26	0.0	*		
P 83D											
4Q17	445.70	10/3/2017	NE	39.25	NA	NA	NA	406.45	311.99 - 309.99 (133.71 - 135.71)	0.0	*
1Q18		1/3/2018	NE	40.11	NA	NA	NA	405.59		0.0	*
2Q18		4/2/2018	NE	41.13	NA	NA	NA	404.57		0.0	*
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		7/1/2019	NE	42.40	NA	NA	NA	403.46	312.06 - 310.06 (133.80 - 135.80)	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		*	
3Q20	7/7/2020	NE	37.66	NA	NA	NA	408.20	0.0	*		
P 84A											
4Q17	446.49	10/3/2017	NE	39.69	NA	NA	NA	406.80	397.99 - 382.99 (48.50 - 63.50)	0.0	*
1Q18		1/3/2018	NE	40.84	NA	NA	NA	405.65		0.1	*
2Q18		4/4/2018	NE	42.22	NA	NA	NA	404.27		0.0	*
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		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		*	
3Q20	7/7/2020	NE	37.98	NA	NA	NA	408.65	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											
4Q17	446.21	10/3/2017	NE	39.43	NA	NA	NA	406.78	372.71 - 370.71 (73.50 - 75.50)	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		7/1/2019	NE	41.41	NA	NA	NA	404.94		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	*		
3Q20	7/7/2020	NE	37.72	NA	NA	NA	408.63	0.0	*		
P 84C											
4Q17	446.22	10/3/2017	NE	39.42	NA	NA	NA	406.80	352.17 - 350.17 (94.05 - 96.05)	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		7/1/2019	NE	41.45	NA	NA	NA	404.92		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	*		
3Q20	7/7/2020	NE	37.74	NA	NA	NA	408.63	0.0	*		
P 84D											
4Q17	446.24	10/3/2017	NE	39.45	NA	NA	NA	406.79	325.09 - 323.09 (121.15 - 123.15)	0.0	*
1Q18		1/3/2018	NE	40.58	NA	NA	NA	405.66		0.1	*
2Q18		4/4/2018	NE	41.97	NA	NA	NA	404.27		0.0	*
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		0.1	*
2Q19		4/2/2019	NE	43.52	NA	NA	NA	402.72		0.0	*
3Q19		7/1/2019	NE	41.42	NA	NA	NA	404.96		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	*		
3Q20	7/7/2020	NE	37.74	NA	NA	NA	408.64	0.0	*		
P 88A											
4Q17	443.09	10/2/2017	NE	31.10	NA	NA	NA	411.99	404.69 - 389.69 (38.40 - 53.40)	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		7/2/2019	NE	31.34	NA	NA	NA	411.93		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	*		
3Q20	7/7/2020	NE	29.04	NA	NA	NA	414.23	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											
4Q17	443.16	10/2/2017	NE	31.15	NA	NA	NA	412.01	371.16 - 369.16 (72.00 - 74.00)	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		7/2/2019	NE	31.41	NA	NA	NA	411.94		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	*		
3Q20	7/7/2020	NE	29.09	NA	NA	NA	414.26	0.0	*		
P 88C											
4Q17	443.13	10/2/2017	NE	31.10	NA	NA	NA	412.03	350.83 - 348.83 (92.30 - 94.30)	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		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		*	
3Q20	7/7/2020	NE	29.05	NA	NA	NA	414.26	0.1	*		
P 88D											
4Q17	443.20	10/2/2017	NE	31.29	NA	NA	NA	411.91	329.50 - 327.50 (113.70 - 115.70)	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		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		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		*	
3Q20	7/7/2020	NE	29.16	NA	NA	NA	414.22	0.0	*		
P 89B											
4Q17	447.44	10/3/2017	NE	38.17	NA	NA	NA	409.27	370.08 - 368.08 (77.36 - 79.36)	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		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		*	
3Q20	7/8/2020	NE	36.46	NA	NA	NA	411.18	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											
4Q17	447.76	10/3/2017	NE	38.53	NA	NA	NA	409.23	350.13 - 348.13 (97.63 - 99.63)	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	*
3Q20		7/8/2020	NE	37.00	NA	NA	NA	410.96		0.0	*
P 89D											
4Q17	447.63	10/3/2017	NE	38.48	NA	NA	NA	409.15	307.29 - 305.29 (140.34 - 142.34)	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	*
3Q20		7/8/2020	NE	37.03	NA	NA	NA	410.80		0.0	*
P 91A											
4Q17	447.24	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	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	*
3Q20		7/6/2020	NE	42.34		NA	NA	NA	405.09	21.8	*
P 91B											
4Q17	447.28	10/3/2017	NE	43.88	NA	NA	NA	403.40	372.59 - 370.59 (74.69 - 76.69)	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	*
3Q20		7/6/2020	NE	42.47	NA	NA	NA	405.00		20.6	*

**TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS**

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments		
P 91C													
4Q17	447.07	10/3/2017	NE	43.66	NA	NA	NA	403.41	352.34 - 350.34 (94.73 - 96.73)	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		7/1/2019	NE	47.69	NA	NA	NA	399.58		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	*				
3Q20	7/6/2020	NE	42.22	NA	NA	NA	405.05	0.0	*				
P 91D													
4Q17	447.06	10/3/2017	NE	43.64	NA	NA	NA	403.42	278.74 - 276.74 (168.32 - 170.32)	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		7/1/2019	NE	47.66	NA	NA	NA	399.60		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	*				
3Q20	7/6/2020	NE	42.20	NA	NA	NA	405.06	0.0	*				
P 92A													
4Q17	446.24	10/3/2017		42.12	42.15	404.09	404.12	0.03	404.11	398.67 - 383.67 (47.57 - 62.57)	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		7/1/2019			44.54	44.56	401.83	401.85	0.02		401.85	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	*		
3Q20	7/7/2020			40.21	40.22	406.17	406.18	0.01	406.18	61.8	*		
P 92B													
4Q17	446.18	10/3/2017	NE	42.10	NA	NA	NA	404.08	372.53 - 370.53 (73.65 - 75.65)	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		7/1/2019	NE	44.53	NA	NA	NA	401.80		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	*				
3Q20	7/7/2020	NE	40.15	NA	NA	NA	406.18	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 92C											
4Q17	446.17	10/3/2017	NE	42.10	NA	NA	NA	404.07	353.21 - 348.21 (92.96 - 97.96)	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		7/1/2019	NE	44.51	NA	NA	NA	401.83		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	*		
3Q20	7/7/2020	NE	40.15	NA	NA	NA	406.19	2.8	*		
P 92D											
4Q17	446.00	10/3/2017	NE	41.97	NA	NA	NA	404.03	305.00 - 303.00 (141.00 - 143.00)	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		7/1/2019	NE	44.45	NA	NA	NA	401.70		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	*		
3Q20	7/7/2020	NE	40.03	NA	NA	NA	406.12	0.1	*		
P 93A											
4Q17	445.12	10/2/2017	NE	40.53	NA	NA	NA	404.59	402.05 - 392.05 (43.07 - 53.07)	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		7/1/2019	NE	39.40	NA	NA	NA	405.97		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	*		
3Q20	7/6/2020	NE	38.41	NA	NA	NA	406.96	2.2	*		
P 93B											
4Q17	446.52	10/2/2017	NE	41.88	NA	NA	NA	404.64	371.92 - 369.92 (74.60 - 76.60)	0.0	*
1Q18		1/3/2018	NE	44.25	NA	NA	NA	402.27		0.0	*
2Q18		4/2/2018	NE	44.94	NA	NA	NA	401.58		0.0	*
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		0.0	*
3Q19		7/1/2019	NE	40.31	NA	NA	NA	406.39		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	*		
3Q20	7/6/2020	NE	39.74	NA	NA	NA	406.96	0.2	*		

**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 93C												
4Q17	446.28	10/2/2017	NE	41.68	NA	NA	NA	404.60	353.81 - 348.81 (92.47 - 97.47)	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 (92.86 - 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		7/1/2019	NE	40.59	NA	NA	NA	405.96		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		353.67 - 348.67 (92.86 - 97.88)	0.0	*
2Q20	4/1/2020	NE	40.80	NA	NA	NA	405.75	0.0	*			
3Q20	7/6/2020	NE	39.60	NA	NA	NA	406.95	0.3	*			
P 93D												
4Q17	446.73	10/2/2017	NE	42.10	NA	NA	NA	404.63	320.98 - 318.98 (125.75 - 127.75)	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		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	*	
3Q20	7/6/2020	NE	39.99	NA	NA	NA	406.98		0.2	*		
P 94												
4Q17	445.14	10/3/2017	NE	34.60	NA	NA	NA	410.54	399.29 - 384.29 (45.85 - 60.85)	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		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	*			
3Q20	7/7/2020	NE	32.99	NA	NA	NA	412.05	0.3	*			
P 95												
4Q17	443.42	10/2/2017	NE	29.02	NA	NA	NA	414.40	406.90 - 391.90 (36.52 - 51.52)	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	407.43 - 392.43 (36.52 - 51.52)	0.0	*	
3Q19		7/2/2019	NE	30.02	NA	NA	NA	413.93		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	*			
3Q20	7/7/2020	NE	27.21	NA	NA	NA	416.74	0.0	*			

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 102											
4Q17	444.97	10/2/2017	NE	32.19	NA	NA	NA	412.78	402.22 - 382.22 (42.75 - 62.75)	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		7/2/2019	NE	34.23	NA	NA	NA	410.91		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	*		
3Q20	7/7/2020	NE	30.62	NA	NA	NA	414.52	0.0	*		
P 114R											
4Q17	429.26	10/2/2017	NE	24.21	NA	NA	NA	405.05	406.25 - 396.25 (23.01 - 33.01)	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		7/1/2019	NE	19.67	NA	NA	NA	409.81		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	*		
3Q20	7/7/2020	NE	20.49	NA	NA	NA	408.99	0.1	*		
P 115											
4Q17	433.36	10/2/2017	NE	28.33	NA	NA	NA	405.03	401.06 - 381.06 (32.30 - 52.30)	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		7/1/2019	NE	23.18	NA	NA	NA	410.36		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 results anomalous
2Q20	4/3/2020	NE	25.46	NA	NA	NA	408.08	0.0	*		
3Q20	7/7/2020	NE	24.28	NA	NA	NA	409.26	0.1	*		
P 116											
4Q17	436.63	10/2/2017	NE	32.17	NA	NA	NA	404.46	399.19 - 379.19 (37.44 - 57.44)	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		7/1/2019	NE	26.27	NA	NA	NA	410.52		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	*		
3Q20	7/7/2020	NE	27.61	NA	NA	NA	409.18	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											
4Q17	432.71	10/2/2017	NE	28.06	NA	NA	NA	404.63	399.78 - 379.78 (32.93 - 52.93)	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		7/1/2019	NE	22.26	NA	NA	NA	410.61		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	*		
3Q20	7/7/2020	NE	23.75	NA	NA	NA	409.12	0.0	*		
P 118											
4Q17	431.31	10/2/2017	NE	27.19	NA	NA	NA	404.12	400.19 - 384.26 (31.12 - 47.05)	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		7/1/2019	NE	20.11	NA	NA	NA	411.37		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	*		
3Q20	7/7/2020	NE	22.37	NA	NA	NA	409.11	0.0	*		
P 119											
4Q17	431.90	10/2/2017	NE	26.38	NA	NA	NA	405.52	401.23 - 385.30 (30.67 - 46.60)	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		7/1/2019	NE	23.32	NA	NA	NA	408.79		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	*		
3Q20	7/7/2020	NE	23.24	NA	NA	NA	408.87	0.0	*		
P 120											
4Q17	432.82	10/2/2017	NE	26.84	NA	NA	NA	405.98	401.44 - 385.51 (31.38 - 47.31)	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		7/1/2019	NE	22.74	NA	NA	NA	410.26		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	*		
3Q20	7/7/2020	NE	23.15	NA	NA	NA	409.85	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											
4Q17	432.43	10/2/2017	NE	29.86	NA	NA	NA	402.57	400.46 - 384.53 (31.97 - 47.90)	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		7/8/2019	NE	19.55	NA	NA	NA	413.11		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	*		
3Q20	7/7/2020	NE	23.89	NA	NA	NA	408.77	0.0	*		
ROST 3 MW											
4Q17	442.29	10/2/2017	NE	36.72	NA	NA	NA	405.57	404.48 - 394.48 (37.81 - 47.81)	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		7/1/2019	NE	36.84	NA	NA	NA	405.68		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	*		
3Q20	7/6/2020	NE	35.03	NA	NA	NA	407.49	14.9	*		
ROST 4 PZ											
4Q17	442.13	10/2/2017	NE	36.12	NA	NA	NA	406.01	407.20 - 397.20 (34.93 - 44.93)	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		7/1/2019	NE	37.35	NA	NA	NA	404.80		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			
3Q20	7/6/2020	NE	34.79	NA	NA	NA	407.36	167	*		
ROST 4 PZ(A)											
4Q17	442.11	10/2/2017	NE	35.42	NA	NA	NA	406.69	407.34 - 397.34 (34.77 - 44.77)	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	7/1/2019	NE	36.34	NA	NA	NA	405.81	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			
3Q20	7/6/2020	NE	34.10	NA	NA	NA	408.05	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(B)											
4Q17	442.38	10/2/2017	NE	36.09	NA	NA	NA	406.29	407.33 - 397.33 (35.05 - 45.05)	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		7/1/2019	NE	37.26	NA	NA	NA	405.14		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			
3Q20	7/6/2020	NE	34.78	NA	NA	NA	407.62	0.0			
ROST 4 PZ(C)											
4Q17	442.66	10/2/2017	NE	36.99	NA	NA	NA	405.67	407.71 - 397.71 (34.95 - 44.95)	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		7/1/2019	NE	38.14	NA	NA	NA	404.83		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			
3Q20	7/6/2020	NE	35.55	NA	NA	NA	407.42	0.0			
ROST 4 PZ(D)											
4Q17	442.98	10/2/2017	NE	36.85	NA	NA	NA	406.13	408.01 - 398.01 (34.97 - 44.97)	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		7/1/2019	NE	37.98	NA	NA	NA	404.94		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			
3Q20	7/6/2020	NE	35.51	NA	NA	NA	407.41	29.5			
ROST 4 PZ(E)											
4Q17	441.96	10/2/2017	NE	36.10	NA	NA	NA	405.86	407.21 - 397.21 (34.75 - 44.75)	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		7/1/2019	NE	37.18	NA	NA	NA	404.80		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			
3Q20	7/6/2020	NE	34.78	NA	NA	NA	407.20	192			

**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)												
4Q17	442.12	10/2/2017	NE	36.25	NA	NA	NA	405.87	407.59 - 397.59 (34.53 - 44.53)	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		
3Q20		7/6/2020	NE	35.02	NA	NA	NA	407.10		0.0		
ROST 4 PZ(G)												
4Q17	442.13	10/2/2017	NE	36.43	NA	NA	NA	405.70	407.85 - 397.85 (34.28 - 44.28)	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		
3Q20		7/6/2020	NE	35.16	NA	NA	NA	407.04		27.0		
S 1												
4Q17	443.90	10/3/2017		39.45	39.61	404.29	404.45	0.16	Unknown	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		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		444.06	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		
3Q20	7/7/2020			37.42	37.43	406.63	406.64	0.01	406.64	113		
T 1												
4Q17	445.40	10/2/2017	NE	39.30	NA	NA	NA	406.10	398.40 - 388.40 (47.00 - 57.00)	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	-	
3Q20		7/6/2020	NE	37.62	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
T 2											
4Q17	443.21	10/3/2017	NE	37.54	NA	NA	NA	405.67	392.72 - 372.56 (50.49 - 70.64)	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		7/1/2019	NE	39.59	NA	NA	NA	403.81		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	*		
3Q20	7/6/2020	NE	35.92	NA	NA	NA	407.48	0.0	*		
T 3											
4Q17	449.03	10/3/2017	NE	44.42	NA	NA	NA	404.61	403.81 - 388.81 (45.22 - 60.22)	0.0	*
1Q18		1/2/2018	NE	45.43	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		7/1/2019	NE	48.00	NA	NA	NA	401.21		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	*		
3Q20	7/6/2020	NE	43.06	NA	NA	NA	406.15	0.2	*		
T 4											
4Q17	446.63	10/3/2017	NE	42.65	NA	NA	NA	403.98	398.32 - 383.32 (48.31 - 63.31)	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		0.0	*
3Q19		7/1/2019	NE	46.87	NA	NA	NA	399.95		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	*		
3Q20	7/8/2020	NE	40.80	NA	NA	NA	406.02	0.1	*		
T 5											
4Q17	443.47	10/3/2017	NE	38.38	NA	NA	NA	405.09	395.14 - 378.59 (48.33 - 64.88)	40.9	*
1Q18		1/3/2018	NE	39.45	NA	NA	NA	404.02		3.0	*
2Q18		4/4/2018	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at well - Unable to access
3Q18		7/3/2018	NE	41.59	NA	NA	NA	401.88		2.2	*
4Q18		10/2/2018	NE	41.87	NA	NA	NA	401.60		5.7	*
1Q19		1/3/2019	NE	42.11	NA	NA	NA	401.36		17.7	*
2Q19		4/1/2019	NE	41.84	NA	NA	NA	401.63		4.2	*
3Q19		7/1/2019	NE	39.64	NA	NA	NA	404.02		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	*		
3Q20	7/7/2020	NE	36.35	NA	NA	NA	407.31	54.0	*		

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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 6											
4Q17	446.61	10/2/2017	NE	41.92	NA	NA	NA	404.69	394.85 - 380.60 (51.76 - 66.01)	0.2	*
1Q18		1/2/2018	NE	44.30	NA	NA	NA	402.31		2.0	*
2Q18		4/3/2018	NE	44.81	NA	NA	NA	401.80		0.7	*
3Q18		7/2/2018	NE	45.61	NA	NA	NA	401.00		0.1	*
4Q18		10/1/2018	NE	45.58	NA	NA	NA	401.03		0.0	*
1Q19		1/2/2019	NE	45.42	NA	NA	NA	401.19		17.1	*
2Q19		4/1/2019	NE	45.24	NA	NA	NA	401.37		394.10 - 379.85 (52.51 - 66.76)	0.0
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	*
3Q20		7/6/2020	NE	39.94	NA	NA	NA	406.84		1.3	*
T 7											
4Q17	444.04	10/2/2017	NE	38.09	NA	NA	NA	405.95	395.32 - 380.32 (48.72 - 63.72)	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	*
3Q20		7/7/2020	NE	35.81	NA	NA	NA	408.45		1.8	*
T 12											
4Q17	444.80	10/2/2017	NE	39.15	NA	NA	NA	405.65	397.97 - 371.97 (46.83 - 72.83)	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	*
3Q20		7/6/2020	NE	38.43	NA	NA	NA	406.56		2.5	*
T 13											
4Q17	443.96	10/3/2017	NE	37.38	NA	NA	NA	406.58	396.46 - 370.46 (47.50 - 73.50)	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		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	*
3Q20		7/6/2020	NE	35.52	NA	NA	NA	408.24		0.1	*

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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 15											
4Q17	445.14	10/3/2017	NE	39.39	NA	NA	NA	405.75	397.10 - 371.10 (48.04 - 74.04)	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		0.0	*
3Q19		7/1/2019	NE	42.13	NA	NA	NA	403.22		0.0	*
4Q19		10/1/2019	NE	40.23	NA	NA	NA	405.12		0.0	*
1Q20	445.35	1/2/2020	NE	39.97	NA	NA	NA	405.38	396.95 - 370.95 (48.40 - 74.40)	0.0	*
2Q20		4/1/2020	NE	39.25	NA	NA	NA	406.10		0.0	*
3Q20		7/6/2020	NE	37.80	NA	NA	NA	407.55		0.0	*
T 17											
4Q17	446.01	10/3/2017	NE	37.78	NA	NA	NA	408.23	401.91 - 375.91 (44.10 - 70.10)	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	*
		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		0.0	*
3Q19		7/1/2019	NE	41.39	NA	NA	NA	404.80		0.0	*
4Q19		10/2/2019	NE	39.98	NA	NA	NA	406.21		0.0	*
1Q20		446.19	1/2/2020	NE	39.12	NA	NA	NA		407.07	401.72 - 375.72 (44.47 - 70.47)
2Q20	4/2/2020		NE	37.70	NA	NA	NA	408.49	1.0	*	
3Q20	7/7/2020		NE	36.15	NA	NA	NA	410.04	0.0	*	
T 19											
4Q17	446.79	10/3/2017	NE	42.74	NA	NA	NA	404.05	396.02 - 370.02 (50.77 - 76.77)	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	*
		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		7/1/2019	NE	46.81	NA	NA	NA	400.18		0.9	*
4Q19		10/2/2019	NE	44.74	NA	NA	NA	402.25		5.8	*
1Q20		446.99	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	*	
3Q20	7/8/2020		NE	40.88	NA	NA	NA	406.11	54.8	*	
T 21											
4Q17	443.99	10/2/2017	NE	29.28	NA	NA	NA	414.71	412.03 - 386.03 (31.96 - 57.96)	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	*
		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		7/2/2019	NE	30.50	NA	NA	NA	413.72		0.0	*
4Q19		10/2/2019	NE	29.31	NA	NA	NA	414.91		0.0	*
1Q20		444.22	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	*	
3Q20	7/7/2020		NE	27.48	NA	NA	NA	416.74	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	
T 22												
4Q17	442.19	10/2/2017	NE	31.25	NA	NA	NA	410.94	410.64 - 384.94 (31.55 - 57.25)	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		7/2/2019	NE	30.31	NA	NA	NA	412.06		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	*			
3Q20	7/7/2020	NE	28.73	NA	NA	NA	413.64	0.0	*			
T 23												
4Q17	432.69	10/3/2017	NE	24.50	NA	NA	NA	408.19	405.46 - 379.46 (27.23 - 53.23)	0.0	*	
1Q18		1/3/2018	NE	26.07	NA	NA	NA	406.62		0.0	*	
2Q18		4/4/2018	NM	NM	NA	NA	NA	NA		NM	Unable to locate well due to landscaping	
3Q18		7/2/2018	NE	26.63	NA	NA	NA	406.06		0.0	*	
4Q18		10/3/2018	NE	26.83	NA	NA	NA	405.86		0.0	*	
1Q19		1/4/2019	NE	26.65	NA	NA	NA	406.04		0.0	*	
2Q19		4/2/2019	NE	26.26	NA	NA	NA	406.43		0.0	*	
3Q19		7/1/2019	NE	22.41	NA	NA	NA	410.49		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	*			
3Q20	7/7/2020	NE	21.43	NA	NA	NA	411.47	0.0	*			
T 24												
4Q17	443.81	10/2/2017		38.40	38.49	405.32	405.41	0.09	405.39	402.31 - 376.66 (41.50 - 67.15)	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		7/1/2019		39.75	40.27	403.73	404.25	0.52	404.15		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	*		
3Q20	7/6/2020		37.23	37.25	406.75	406.77	0.02	406.77	1.4	*		
T 28												
4Q17	444.43	10/3/2017	NE	37.73	NA	NA	NA	406.70	Unknown	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		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				
3Q20	7/8/2020	NE	36.08	NA	NA	NA	408.48	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											
4Q17	447.25	10/3/2017	NE	38.02	NA	NA	NA	409.23	398.40 - 378.40 (48.85 - 68.85)	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		7/2/2019	NE	41.46	NA	NA	NA	405.98		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	*		
3Q20	7/8/2020	NE	36.46	NA	NA	NA	410.98	0.0	*		
T 38											
4Q17	445.67	10/3/2017	NE	35.02	NA	NA	NA	410.65	396.53 - 376.53 (49.14 - 69.14)	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		7/2/2019	NE	37.60	NA	NA	NA	408.29		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	*		
3Q20	7/8/2020	NE	33.26	NA	NA	NA	412.63	0.0	*		
T 62											
4Q17	431.99	10/2/2017	NE	26.21	NA	NA	NA	405.78	412.28 - 382.28 (19.71 - 49.71)	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		7/30/2019	NE	21.97	NA	NA	NA	410.19		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			
3Q20	7/7/2020	NE	22.89	NA	NA	NA	409.27	0.0			
T 63											
4Q17	431.43	10/2/2017	NE	25.98	NA	NA	NA	405.45	411.45 - 381.45 (19.98 - 49.98)	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		7/30/2019	NE	20.84	NA	NA	NA	410.71		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			
3Q20	7/7/2020	NE	22.10	NA	NA	NA	409.45	0.1			

**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											
4Q17	428.93	10/2/2017	NE	24.24	NA	NA	NA	404.69	409.12 - 379.12 (19.81 - 49.81)	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		7/30/2019	NE	17.84	NA	NA	NA	411.26		3.3	*
4Q19	429.10	10/2/2019	NE	19.67	NA	NA	NA	409.43	409.29 - 379.29 (19.81 - 49.81)	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
3Q20		7/7/2020	NE	19.58	NA	NA	NA	409.52		1.1	*

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 (Damaged in August 2020; replacement is pending)
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

**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	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
		7/28/2020	65.9	0.0	N/A	54.2	0.1	0.0	0.1	0.0	0	0.6	19.1
	8.5	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 ¹⁰	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	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
		7/28/2020	55.2	0.0	N/A	56.3	0.0	0.0	0.0	0.0	0	0.6	19.3
	38.5	10/24/2019 ⁸	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 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/28/2020	56.2	0.1	N/A	54.1	0.1	0.0	0.1	0.0	0	0.6	19.5
VMP-2	5	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
		7/24/2020	66.3	0.0	N/A	51.4	0.0	0.0	0.3	0.0	0	6.2	12.8
	8.5	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
		7/24/2020	54.9	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	3.4	16.4
	22	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
		7/24/2020	61.3	0.0	N/A	50.7	0.0	6.2	0.7	0.0	0	3.3	16.9
	42	10/21/2019 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/24/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/24/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/24/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-3	5	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
		7/29/2020	66.4	0.0	N/A	54.1	1.8	0.6	0.3	0.0	0	0.3	20.2
	10	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 ¹²	52.1	0.0	N/A	51.4	0.0	8.9	0.0	0.0	0	0.3	20.1
		4/29/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/29/2020	54.4	0.0	N/A	50.4	0.5	0.7	0.4	0.0	0	0.3	20.4
	22	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
		7/29/2020	60.0	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	1.4	19.5
	31.5	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 ⁹	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
		7/29/2020	61.8	0.0	N/A	50.4	0.0	178	3.5	0.0	0	4.8	15.1
39	10/18/2019 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	1/27/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	4/29/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	7/29/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-4	5	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
		7/30/2020	51.9	0.0	N/A	56.6	0.0	0.0	0.2	0.0	0	0.3	20.4
	12	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
		7/30/2020	52.5	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.6	20.4
	23.5	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
		7/30/2020	51.9	0.0	N/A	52.2	0.0	0.0	0.1	0.0	0	1.9	18.6
	39	10/21/2019 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/23/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/28/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/30/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

**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	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	
		7/23/2020	61.9	0.0	N/A	51.7	0.0	0.0	0.0	0.0	0	0.4	19.6	
	12.5	10/21/2019	54.9	0.0	N/A	50.1	0.0	0.0	0.1	0.0	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	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	0.0	20.6
		7/23/2020	52.1	0.1	N/A	53.4	0.0	0.0	0.0	0.0	0	0	1.0	19.0
	31	10/21/2019	60.0	0.0	N/A	50.0	0.0	0.0	0.1	0.0	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	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	0.6	20.1
		7/23/2020	51.1	0.0	N/A	61.0	0.0	8.3	0.0	0.0	0	0	1.1	19.2
	40	10/21/2019 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/28/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/27/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/23/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-6	5	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	
		7/22/2020	56.6	0.0	N/A	53.1	0.0	0.0	0.5	0.0	0	1.2	17.8	
	10	10/25/2019	52.3	0.0	N/A	52.9	0.0	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	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	0.2	20.9
		7/22/2020	57.8	0.0	N/A	51.5	0.0	0.0	0.5	0.0	0	1.1	18.6	
	31.5	10/25/2019	53.4	0.3	N/A	53.4	0.0	1.3	0.0	0.0	0	0	2.0	19.3
		2/21/2020 ¹²	52.8	0.0	N/A	51.5	0.0	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	0	1.4	20.5
		7/22/2020	63.5	0.0	N/A	50.8	0.0	50.7	0.2	0.0	0	0	1.8	18.2
	39	10/25/2019 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/23/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/27/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/22/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-7	5	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	
		7/30/2020	51.1	0.0	N/A	52.7	0.0	0.0	0.0	0.0	0	0.6	19.3	
	13.5	10/24/2019	54.2	0.0	N/A	78.7	0.0	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	0.0	20.9
		4/27/2020	50.5	0.0	N/A	50.0	0.0	0.0	0.1	0.0	0	0	0.1	20.9
		7/30/2020	50.2	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0	0.6	19.4
	29.5	10/24/2019	52.1	0.0	N/A	53.3	0.0	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	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	0	1.7	20.0
		7/30/2020	50.3	0.0	N/A	50.7	0.2	0.0	0.1	0.0	0	0	1.5	18.9
	38	10/24/2019 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/27/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/27/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/30/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-8	5	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	
		7/22/2020	60.5	0.0	N/A	52.2	0.0	0.0	0.2	0.0	0	2.9	16.3	
	9.5	10/18/2019	53.4	0.9	N/A	67.3	0.9	0.0	0.1	0.0	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	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	0	1.8	18.5
		7/22/2020	57.0	0.0	N/A	58.5	0.0	0.0	0.2	0.0	0	0	3.5	16.8
	23.5	10/18/2019	52.9	0.0	N/A	68.8	0.0	0.0	0.1	0.0	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	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	0	2.5	17.5
		7/22/2020	55.3	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0	3.0	17.1
	35.5	10/18/2019	53.0	0.1	N/A	71.4	0.2	0.0	0.1	0.0	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	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	0.5	19.9
		7/22/2020	55.4	0.4	N/A	51.0	0.0	0.0	0.0	0.0	0	0	1.4	18.8

**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	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	
		7/22/2020	60.1	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	2.6	17.1	
	11.5	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	
		7/22/2020	59.2	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	1.6	18.5	
	25.5	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	
		7/22/2020	58.4	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	1.5	19.0	
	38.5	10/25/2019 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/22/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/22/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/22/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-10	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	
		7/30/2020	62.1	0.0	N/A	55.5	0.0	0.0	0.0	0.0	0	2.0	19.0	
	10	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	
		7/30/2020	57.3	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	1.7	19.1	
	20	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	
		7/30/2020	58.1	0.0	N/A	53.8	0.0	0.0	0.0	0.0	0	1.4	19.2	
	30	10/25/2019 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/24/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/30/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-11	5	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	
		7/27/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	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	
		7/27/2020	53.1	0.0	N/A	52.6	0.0	0.0	0.1	0.0	0	5.3	14.6	
	29	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	
		7/27/2020	55.4	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	2.7	17.6	
	38	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	
		7/27/2020	62.8	0.0	N/A	57.1	0.0	0.0	0.0	0.0	0	4.8	14.8	
VMP-12	5	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	
		7/29/2020	50.8	0.0	N/A	53.5	0.1	0.0	0.2	0.0	0	0.1	17.5	
	11.5	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	
		7/29/2020	53.4	0.0	N/A	54.5	0.0	0.0	0.0	0.0	0	2.2	14.1	
	25	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	
		4/29/2020	46.2	0.0	N/A	41.3	0.0	7.5	1.2	0.0	0	1.5	18.9	
		7/29/2020	51.8	0.0	N/A	51.4	0.0	3920	92.3	0.9	19	10.4	2.6	
	39	10/22/2019 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/29/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/29/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/29/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

**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	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	0.1	0.0	0	0.2	20.3
		7/30/2020	52.8	0.0	N/A	51.1	0.0	0.0	0.3	0.0	0	1.1	18.2
	10.5	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
		7/30/2020	62.1	0.0	N/A	55.0	0.0	0.0	0.0	0.0	0	0.6	19.5
	21.5	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
		7/30/2020	58.5	0.0	N/A	52.6	0.0	1.1	0.1	0.0	0	0.3	19.9
29.5	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 ^b	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	
	7/30/2020	61.9	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	0.7	19.0	
VMP-14	5	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
		7/30/2020	60.0	0.0	N/A	52.0	0.0	0.0	0.0	0.0	0	4.7	7.8
	11.5	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	0.0	0	0.4	20.3
		7/30/2020	62.3	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	3.5	11.4
	20	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 ^b	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	0.0	0.0	0	6.5	12.7
		7/30/2020	59.3	0.0	N/A	51.5	0.0	2.0	0.0	0.0	0	10.2	6.0
29	10/28/2019 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	1/28/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	7/30/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-15	5	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
		7/28/2020	58.6	0.0	N/A	56.0	0.0	0.0	0.1	0.0	0	7.4	7.8
	21.5	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
		7/28/2020	57.9	0.6	N/A	50.9	0.8	105000	238	7.1	OVR	14.6	0.5
	25.5	10/22/2019 ^b	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
		7/28/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
29	10/22/2019 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	1/28/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	4/28/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	7/28/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-16	5	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
		4/29/2020	41.6	0.0	N/A	41.2	0.0	2.9	0.6	0.0	0	4.3	17.3
		7/29/2020	54.9	0.0	N/A	50.1	0.0	65.0	4.6	0.0	0	17.6	1.8
	13.5	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
		7/29/2020	56.6	0.9	NM	52.6	1.3	71320	649	43.3	OVR	14.6	1.1
	19	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
		7/29/2020	51.9	1.2	NM	55.7	0.7	4880	382	44.6	OVR	14.9	1.0
31	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	
	7/29/2020	50.1	1.9	NM	51.7	1.8	95610	693	49.4	OVR	14.1	1.2	
VMP-17	5	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
		7/22/2020	53.8	0.0	N/A	53.2	0.0	0.0	0.4	0.0	0	1.4	19.0

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2							
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec				
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	
VMP-18	8.5	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	
		7/31/2020 ¹¹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-19	5	11/15/2019 ⁹	69.3	0.0	N/A	50.2	0.2	0.0	0.0	0.0	0	0.2	20.7	
		2/21/2020 ⁹	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	
		7/27/2020	55.9	0.0	N/A	54.5	0.0	0.0	0.3	0.0	0	1.6	18.6	
VMP-20	5	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 ⁹	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	
		7/23/2020	53.7	0.0	N/A	50.7	0.0	0.0	0.2	0.0	0	12.7	7.1	
	10	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	
		7/23/2020	59.0	0.0	N/A	52.0	0.0	0.0	0.1	0.0	0	11.9	8.5	
	25	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	
		7/23/2020	56.0	0.0	N/A	50.6	0.0	0.0	0.2	0.0	0	4.0	16.3	
	39.5	10/23/2019 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/24/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/24/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/23/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-21	5	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	
		7/24/2020	55.8	0.0	N/A	52.2	0.0	0.0	0.5	0.0	0	3.2	18.7	
	10	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	
		7/24/2020	59.0	0.0	N/A	50.1	0.0	0.0	0.5	0.0	0	5.5	15.6	
	25	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	
		7/24/2020	60.8	0.0	N/A	55.7	0.0	0.0	0.7	0.0	0	3.0	17.0	
	33	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	
		7/24/2020	64.1	0.0	N/A	56.1	0.0	0.0	0.5	0.0	0	2.8	17.4	
VMP-22	5	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	
		7/23/2020	57.9	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	1.2	19.4	
	10	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	
		7/23/2020	54.2	0.0	N/A	54.2	0.1	0.0	0.0	0.0	0	0.6	19.6	
	18	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	
		7/23/2020	50.6	0.0	N/A	54.3	0.0	0.0	0.6	0.0	0	1.2	18.7	
	38	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	
		7/23/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

**TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA**

Reading Location			Shroud	Tedlar® Bag 1			Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec				
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	
VMP-23	5	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	
		7/23/2020	58.9	0.0	N/A	51.4	0.0	0.0	0.1	0.0	0	2.0	17.7	
	10	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	
		7/23/2020	59.7	0.0	N/A	54.4	0.0	0.0	0.1	0.0	0	1.9	18.4	
	25	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	
		7/23/2020	50.0	0.0	N/A	53.8	0.0	0.0	0.4	0.0	0	1.9	18.5	
	40	10/24/2019 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/28/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/28/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/23/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-24	5	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	
		7/22/2020	52.6	0.0	N/A	52.3	0.0	0.0	0.6	0.0	0	2.8	16.9	
	10	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	
		7/22/2020	55.3	0.0	N/A	50.2	0.0	0.0	0.5	0.0	0	3.7	16.6	
	22	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	
		7/22/2020	52.4	0.0	N/A	54.9	0.0	0.0	0.3	0.0	0	2.7	16.9	
	34	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	
		7/22/2020	53.4	0.0	N/A	53.0	0.0	0.0	0.0	0.0	0	3.5	16.8	
VMP-25	5	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	
		7/23/2020	55.0	0.0	N/A	50.0	0.0	13.0	0.0	0.0	0	7.6	7.0	
	9.5	10/28/2019 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/28/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/23/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	21	10/28/2019 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/28/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/23/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	31	10/28/2019 ⁷	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/28/2020 ⁷	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020 ⁷	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/23/2020 ⁷	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-29	10	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	
		7/27/2020	55.6	0.0	N/A	53.7	0.0	0.0	0.9	0.0	0	0.1	20.1	
	18	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	
		7/27/2020	58.7	0.0	N/A	53.6	0.0	0.0	0.4	0.0	0	0.2	20.1	
	26	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	
		7/27/2020	59.4	0.0	N/A	50.8	0.0	11.6	0.5	0.0	0	0.3	20.1	
	40	10/25/2019 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/24/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/27/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1			Shroud	Tedlar® Bag 2					
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)
VMP-30	10	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
		7/27/2020	59.6	0.0	N/A	51.1	0.0	0.0	0.8	0.0	0	1.1	19.6
	18	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
		7/27/2020	55.7	0.0	N/A	51.9	0.0	1.4	2.0	0.0	0	1.2	19.4
	26	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
		7/27/2020	59.8	0.0	N/A	52.9	0.0	0.7	1.1	0.0	0	1.4	18.9
	40	10/25/2019 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/24/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/27/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-32	5	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
		7/29/2020	63.5	0.0	N/A	53.2	0.0	0.0	0.0	0.0	0	2.4	18.2
	10	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
		7/29/2020	59.1	0.0	N/A	55.4	0.0	0.0	0.0	0.0	0	2.6	18.2
	20	10/24/2019 ^b	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
		7/29/2020	60.2	0.1	N/A	52.6	0.2	0.6	0.2	0.0	0	0.2	20.5
	30	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 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/29/2020	59.1	0.1	N/A	53.3	0.2	0.0	0.2	0.0	0	1.8	18.7
VMP-41	10	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
		7/29/2020	59.8	0.0	N/A	51.6	0.0	0.0	0.1	0.0	0	1.1	19.2
	20	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
		7/29/2020	57.8	0.0	N/A	53.1	0.0	0.0	0.2	0.0	0	0.9	19.3
	26	10/28/2019 ^b	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
		7/29/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-42	10	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
		7/28/2020	51.1	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	1.9	18.9
	20	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
		7/28/2020	54.5	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	1.8	19.0
30	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	
	7/28/2020	55.8	0.0	N/A	50.7	0.0	0.0	0.1	0.0	0	2.1	18.2	
VMP-43	10	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
		7/28/2020	59.6	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	0.4	19.8
	20	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
		7/28/2020	59.3	0.0	N/A	54.5	0.0	57.2	0.4	0.0	0	0.7	18.8
	30	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
		7/28/2020	60.5	0.0	N/A	50.2	0.0	1484	0.6	0.2	4	4.0	11.5

**TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA**

Reading Location			Shroud	Tedlar® Bag 1			Shroud	Tedlar® Bag 2					
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)
VMP-44	10	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
		7/28/2020	60.1	0.0	N/A	57.3	0.0	0.2	0.2	0.0	0	5.0	11.2
	20	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
		7/28/2020	61.5	0.0	N/A	54.5	0.0	0.1	0.0	0.0	0	4.7	10.8
	30	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
		7/28/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-45	10	11/15/2019 ⁹	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
		7/28/2020	56.8	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	0.8	18.6
	20	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
		7/28/2020	62.9	0.0	N/A	55.3	0.0	0.0	0.2	0.0	0	0.7	17.9
	30	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
		7/28/2020	55.2	0.5	N/A	53.3	0.0	3.3	1.3	0.0	0	0.7	18.5
VMP-47	5	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
		7/27/2020	56.2	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	2.3	17.5
	10	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
		7/27/2020	56.8	0.0	N/A	56.5	0.0	0.0	0.0	0.0	0	1.7	18.2
	20	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
		7/27/2020	62.8	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	1.3	19.1
	30	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
		7/27/2020	57.9	0.0	N/A	54.1	0.0	0.0	0.0	0.0	0	1.4	19.3
VMP-48	5	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
		7/30/2020	57.5	0.0	N/A	53.2	0.0	0.0	0.0	0.0	0	7.1	11.1
	10	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
		7/30/2020	57.2	0.0	N/A	60.6	0.0	0.0	0.0	0.0	0	3.9	15.8
	20	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 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/24/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/30/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	30	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 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/30/2020	52.4	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	5.8	15.5

**TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA**

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)
VMP-49	5	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
		7/24/2020	52.3	0.0	N/A	55.8	0.0	0.0	0.2	0.0	0	0.8	20.3
	10	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
		7/24/2020	63.0	0.0	N/A	53.8	0.0	0.0	0.3	0.0	0	1.8	18.9
	20	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
		7/24/2020	60.6	0.0	N/A	54.6	0.1	0.0	0.3	0.0	0	1.6	19.2
30	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	
	7/24/2020	69.5	0.0	N/A	51.8	0.0	0.0	0.3	0.0	0	8.0	12.0	
VMP-50	5	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
		7/27/2020	53.6	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	2.3	18.0
	10	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
		7/27/2020	61.4	0.0	N/A	50.1	0.0	0.0	0.2	0.0	0	1.9	18.2
	20	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
		7/27/2020	51.7	0.0	N/A	56.1	0.1	0.0	0.5	0.0	0	2.2	17.6
30	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	0.0	0	1.3	19.5	
	7/27/2020	50.4	0.0	N/A	50.6	0.1	205	8.6	0.0	0	1.6	18.5	
VMP-51	5	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
		7/23/2020	54.7	0.0	N/A	55.3	0.0	0.0	0.0	0.0	0	1.5	18.8
	10	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
		7/23/2020	54.4	0.2	N/A	50.4	0.1	0.0	0.0	0.0	0	2.1	18.1
	20	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 ⁹	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
		7/23/2020	51.0	0.0	N/A	51.3	0.1	0.0	0.0	0.0	0	1.8	19.0
30	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	
	7/23/2020	52.4	0.1	N/A	50.4	0.1	0.0	0.0	0.0	0	1.7	19.0	
VMP-52	5	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
		7/23/2020	63.9	0.0	N/A	55.4	0.0	0.0	0.0	0.0	0	3.2	14.8
	10	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 ⁸	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
		7/23/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	20	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
		7/23/2020	65.6	0.0	N/A	52.1	0.0	0.0	0.0	0.0	0	2.1	18.9
30	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	
	7/23/2020	64.6	0.0	N/A	52.3	0.0	0.0	0.2	0.0	0	1.9	18.9	

**TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA**

Reading Location			Shroud	Tedlar® Bag 1			Shroud	Tedlar® Bag 2					
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)
VMP-53	5	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
		7/22/2020	69.9	0.0	N/A	52.9	0.0	0.0	0.0	0.0	0	2.3	17.1
	10	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
		7/22/2020	56.5	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	1.8	17.9
	20	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
		7/22/2020	59.0	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.6	18.3
30	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	
	7/22/2020	62.2	0.0	N/A	52.4	1.1	0.0	0.0	0.0	0	1.8	18.0	
VMP-54	5	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 ⁹	57.3	0.0	N/A	44.8	0.0	0.0	0.0	0.0	0	2.7	17.5
		7/22/2020	60.3	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	3.9	15.9
	10	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 ⁹	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
		7/22/2020	51.1	0.0	N/A	50.9	0.0	0.0	0.2	0.0	0	3.0	16.6
	20	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
		7/22/2020	55.5	0.0	N/A	54.2	0.0	0.0	0.1	0.0	0	2.5	16.7
30	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	
	7/22/2020	63.5	0.0	N/A	54.2	0.0	0.0	0.7	0.0	0	2.5	16.1	
VMP-55	5	10/22/2019 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/28/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/28/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/28/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10	10/22/2019 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/28/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/28/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/28/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	20	10/22/2019 ⁸	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
		7/28/2020	61.5	0.0	N/A	50.5	0.0	17.0	0.8	0.0	0	23.9	0.8
30	10/22/2019 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	1/28/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	4/28/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	7/28/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-56	10	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
		7/23/2020	56.3	0.0	N/A	52.6	0.0	5.5	2.2	0.0	0	0.7	19.8
	25	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
		7/23/2020	55.7	0.1	N/A	62.6	0.1	0.0	0.0	0.0	0	0.4	20.2
	38.5	10/21/2019 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/22/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/24/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/23/2020 ⁸	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)
VMP-62	5	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
		7/27/2020	55.8	0.0	N/A	54.6	0.0	0.0	0.2	0.0	0	7.3	11.0
	10	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
		7/27/2020	59.6	0.0	N/A	52.2	0.0	0.0	0.3	0.0	0	4.7	14.5
	20	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
		7/27/2020	62.7	0.0	N/A	57.2	0.0	0.0	0.1	0.0	0	2.4	17.6
30	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	
	7/27/2020	53.5	0.0	N/A	52.1	0.0	0.0	0.1	0.0	0	1.6	18.6	
VMP-63	5	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
		7/28/2020	51.9	0.0	N/A	52.8	0.1	0.0	0.0	0.0	0	1.0	17.3
	10	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
		7/28/2020	56.1	0.0	N/A	51.7	0.1	0.0	0.0	0.0	0	0.9	19.1
	20	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
		7/28/2020	54.0	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	0.8	19.7
30	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	
	7/28/2020	52.4	0.0	N/A	61.4	0.0	0.0	0.0	0.0	0	1.0	19.8	
VMP-64	5	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
		7/24/2020	67.2	0.0	N/A	52.4	0.0	0.0	0.2	0.0	0	0.7	14.8
	10	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
		7/24/2020	51.2	0.0	N/A	51.4	0.0	0.8	1.1	0.0	0	2.4	16.4
	20	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
		7/24/2020	51.2	0.0	N/A	53.4	0.0	0.0	0.0	0.0	0	1.6	17.9
28	10/21/2019 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/28/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/24/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/24/2020 ^b	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

- OVR is used to indicate a reading over range for the FID, PID, or Landtec.
- N/A is used to indicate that a reading was not collected because it was unnecessary (i.e., CH₄ measurement on Tedlar® Bag 1 if helium in Bag was minimal).
- NM is used to indicate that a reading was not measured.
- NS is used to indicate that a reading was not collected because the port could not be sampled.
- FID readings were taken with a TVA-2020. When oxygen concentrations were less than 14%, or when the sample put the flame out, a dilution tip was used when analyzing samples with the FID. The dilution tip introduced ambient air in a 10:1 ratio with the sample, which required the sample readings to be multiplied by 10 to get the actual value. The FID readings in this spreadsheet illustrate the actual FID values that were represented in each sample.
- Negative readings on the FID are recorded as zero.
- VMP-25-31 no longer sampled effective 2Q18 due to port integrity.
- VMP not sampled because screen submerged below water table or a temporary water condition.
- VMP re-sampled due to elevated helium readings (>10% of shroud) in canister at the laboratory.
- VMP re-sampled due to anomalous results in the initial sample.
- VMP not sampled because vehicle was consistently parked on well vault.
- VMP re-sampled due to issues with the canister after arriving 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
Trichlorofluoromethane	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.

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-1-5-102419	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	
		VMP-1-5-072820	7/28/2020	0.013	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		0.0016	J		<0.015	U	
	8.5 ft	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	
	23.5 ft	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	
		VMP-1-8.5-072820	7/28/2020	0.024	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		0.0019	J		<0.016	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	
38.5 ft	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		
	VMP-1-23.5-072820	7/28/2020	0.031			<0.0042	U		<0.0087	U		<0.013	U		<0.051	U		<0.012	U		0.0017	J		<0.016	U		
	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-1-38.5-072820	7/28/2020	0.038			<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		0.0073	J		<0.016	U		
VMP-2	5 ft	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	
		VMP-2-5-072420	7/24/2020	0.019	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
	8.5 ft	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	
		VMP-2-8.5-072420	7/24/2020	0.017	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		0.0018	J	
	22 ft	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-2-22-072420	7/24/2020	0.01	J		<0.0041	U		0.0015	J		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U			
VMP-3	5 ft	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-3-5-072920	7/29/2020	0.022	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.013	U		0.0026	J		0.0023	J	
		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	
		VMP-3-10-072920	7/29/2020	0.018	J		<0.004	U		0.0015	J		<0.013	U		<0.049	U		0.0021	J		0.0039	J		0.003	J	
	22 ft	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	
		VMP-3-22-072920	7/29/2020	0.012	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		0.0016	J		<0.016	U	
31.5 ft	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-3-31.5-072920	7/29/2020	0.019	J		0.0089	J		<0.069	U		<0.11	U		<0.4	U		<0.098	U		<0.12	U		<0.13	U			

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			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-4	5 ft	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	
		VMP-4-5-073020	7/30/2020	0.037			<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		0.0034	J		0.0033	J	
		VMP-4-5-073020-DUP	7/30/2020	0.037			<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		0.0042	J		0.0048	J	
	12 ft	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-4-12-073020	7/30/2020	0.031			0.0046			<0.0084	U		<0.013	U		<0.049	U		0.037			0.0025	J		0.002	J	
		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	
VMP-5	5 ft	VMP-4-23.5-073020	7/30/2020	0.018	J		<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.012	U		0.0042	J		<0.016	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-5-5-072320	7/23/2020	0.021	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		0.0024	J		<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-5-12.5-072320	7/23/2020	0.014	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.0015	J		0.0019	J	
		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-5-31-072320	7/23/2020	0.012	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		0.0024	J		<0.015	U	
		VMP-5-31-072320-DUP	7/23/2020	0.018	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		0.003	J		<0.016	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	
10 ft	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		
	VMP-6-5-072220	7/22/2020	0.032			<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	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		
	VMP-6-10-072220	7/22/2020	0.011	J		<0.0042	U		0.0044	J		<0.013	U		0.004	J		<0.012	U		<0.015	U		<0.016	U		
	31.5 ft	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	U		
VMP-6-31.5-072220		7/22/2020	0.013	J		0.0013	J		<0.0091	U		<0.014	U		<0.053	U		0.0095	J		0.0015	J		<0.017	U		
VMP-7	5 ft	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	
		VMP-7-5-073020	7/30/2020	0.037			<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0029	J		<0.015	U	
	13.5 ft	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	
		VMP-7-13.5-073020	7/30/2020	0.045			<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		0.0075	J		0.0024	J	
	29.5 ft	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	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-7-29.5-073020	7/30/2020	0.035			<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U		

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			0.37			450000			11			6.9			6400			780					
				Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals
VMP-8	5 ft	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	
		VMP-8-5-072220	7/22/2020	0.019	J		<0 0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		0.0019	J		<0.015	U	
	9.5 ft	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	
		VMP-8-9.5-072220	7/22/2020	0.02	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		0.0018	J		<0.016	J	U
		VMP-8-9.5-072220-DUP	7/22/2020	0.02	J		<0 0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.011	U		0.002	J		<0.015	U	
	23.5 ft	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	
		VMP-8-23.5-072220	7/22/2020	0.029			<0 0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		0.0034	J		<0.015	U	
35.5 ft	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		
	VMP-8-35.5-072220	7/22/2020	0.013	J		0.00084	J		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0024	J		0.018			
VMP-9	5 ft	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	
		VMP-9-5-072220	7/22/2020	0.02	J		<0 0042	U		<0.0087	U		<0.013	U		<0.051	U		<0.012	U		0.0026	J		0.004	J	
		VMP-9-5-072220-DUP	7/22/2020	0.017	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		0.0017	J		<0.016	U	
	11.5 ft	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	
		VMP-9-11.5-072220	7/22/2020	0.026	J		<0 0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		0.0037	J		<0.016	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	
25.5 ft	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-9-25.5-072220	7/22/2020	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-18	8.5 ft	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-19-5-111519R	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-19-5-072720	7/27/2020	0.023	J		<0 0038	U		<0.008	U		<0.012	U		<0.047	U		0.0018	J		0.0026	J		0.002	J	
VMP-20	5 ft	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	
		VMP-20-5-072320	7/23/2020	0.012	J		<0 0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		0.0027	J		<0.015	U	
	10 ft	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		<0.01		

**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-21	5 ft	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	
		VMP-21-5-072420	7/24/2020	0.018	J		0.00038	J		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		0.0066	J	
	10 ft	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-21-10-072420	7/24/2020	0.013	J		<0 0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		0.04		
		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	UU	<0 0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
33 ft	VMP-21-25-072420	7/24/2020	0.028	J		<0 0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.016	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		
VMP-22	5 ft	VMP-21-33-072420	7/24/2020	0.027	J		<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		0.0039	J		0.0021	J	
		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-22-5-072320	7/23/2020	0.04			<0 0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		0.0068	J		0.005	J	
		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-22-10-072320	7/23/2020	0.054			0.0022	J		0.0043	J		<0.013	U		<0.048	U		0.008	J		0.0042	J		0.0032	J	
		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-22-18-072320	7/23/2020	0.024	J		<0 0044	U		0.0096			<0.014	U		<0.053	U		<0.013	U		0.0023	J		0.0025	J		
	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-23	5 ft	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-23-5-102419	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	
10 ft	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		
	VMP-23-5-072320	7/23/2020	0.042			0.033			<0.0086	U		<0.013	U		<0.05	U		0.036			0.011	J		0.0019	J		
	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		
25 ft	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		
	VMP-23-10-072320	7/23/2020	0.012	J		<0 0043	U		0.0034	J		<0.014	U		<0.053	U		<0.013	U		0.0026	J		<0.017	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 ft	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-23-25-072320	7/23/2020	0.012	J		0.0015	J		0.01			<0.014	U		<0.052	U		<0.013	U		0.0025	J		<0.017	U	

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			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-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-24-5-072220	7/22/2020	0.019	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.0022	J		<0.016	J	U
		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-24-10-072220	7/22/2020	0.013	J		<0 0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.0031	J		<0.015	U	
		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	
34 ft	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		
	VMP-24-22-072220	7/22/2020	0.02	J		0.00037	J		<0.0079	U		<0.012	U		<0.046	U		0.0037	J		0.0017	J		<0.015	U		
	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-32	5 ft	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-24-34-072220	7/22/2020	0.024	J		<0 0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		0.0028	J		<0.016	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	
	10 ft	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	
		VMP-32-5-072920	7/29/2020	0.025	J		<0 0042	U		<0.0087	U		<0.013	U		<0.051	U		<0.012	U		0.0029	J		0.0022	J	
		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	
	20 ft	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	
		VMP-32-10-072920	7/29/2020	0.028	J		0.0012	J		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		0.0047	J		<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-32-20-072920	7/29/2020	0.018	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.003	J		<0.016	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		
	VMP-32-30-072920	7/29/2020	0.021	J		<0 0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.013	U		0.0022	J		0.017			
VMP-42	10 ft	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	
		VMP-42-10-072820	7/28/2020	0.02	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		0.003	J		<0.016	U	
	20 ft	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-42-20-072820	7/28/2020	0.017	J		<0 0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0013	J		<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	
30 ft	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-42-30-072820	7/28/2020	0.012	J		<0 0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U		

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-43	10 ft	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	
		VMP-43-10-072820	7/28/2020	0.042			<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		0.005	J		<0.016	U	
	20 ft	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	
		VMP-43-20-072820	7/28/2020	0.048			<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		0.12			0.0041	J		<0.017	U	
	30 ft	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-43-30-072820	7/28/2020	0.02	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		0.0022	J		0.0041	J			
VMP-44	10 ft	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	
		VMP-44-10-072820	7/28/2020	0.0032	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		0.004	J		<0.014	U		<0.015	U	
	20 ft	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	
		VMP-44-20-072820	7/28/2020	0.0083	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-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-45-10-111519R	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	
		VMP-45-10-072820	7/28/2020	0.011	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		0.0019	J		<0.016	U		0.0077	J	
	20 ft	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	
		VMP-45-20-072820	7/28/2020	0.016	J		<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.013	U		0.0022	J		<0.017	U	
	30 ft	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	
VMP-45-30-072820	7/28/2020	0.028	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		0.021			0.0036	J		0.004	J			
VMP-47	5 ft	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	
		VMP-47-5-072720	7/27/2020	0.058			<0.0039	U		0.0078	J		<0.013	U		<0.048	U		<0.012	U		0.011	J		<0.015	U	
	10 ft	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	
		VMP-47-10-072720	7/27/2020	0.02	J		<0.0038	U		0.024			<0.012	U		<0.046	U		<0.011	U		0.0029	J		<0.015	U	

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			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-48	5 ft	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	
		VMP-48-5-073020	7/30/2020	0.045			<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.011	U		0.003	J		0.0026	J	
	10 ft	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	
		VMP-48-10-073020	7/30/2020	0.016	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		0.0015	J		<0.016	U	
	20 ft	VMP-48-10-073020-DUP	7/30/2020	0.015	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0021	J		<0.015	U	
		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-48-30-102119	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-48-30-073020	7/30/2020	0.015	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
VMP-49	5 ft	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	
		VMP-49-5-072420	7/24/2020	0.023	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-49-5-072420-DUP	7/24/2020	0.042			<0.0043	U		<0.0089	U		<0.014	U		<0.052	U		<0.013	U		0.003	J		0.0032	J	
	10 ft	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	
		VMP-49-10-072420	7/24/2020	0.05			0.00037	J		<0.0094	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
	20 ft	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	
			VMP-49-20-072420	7/24/2020	0.054			0.00044	J		<0.008	U		<0.012	U		<0.046	U		<0.011	U		0.0063	J		0.0027	J
30 ft	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-49-30-072420	7/24/2020	0.032			0.00037	J		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		0.003	J		0.0037	J		
VMP-50	5 ft	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	
		VMP-50-5-072720	7/27/2020	0.024	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		0.0027	J	
	10 ft	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	
		VMP-50-10-072720	7/27/2020	0.017	J		<0.0037	U		0.0048	J		<0.012	U		<0.045	U		<0.011	U		<0.014	U		0.0017	J	
	20 ft	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	
		VMP-50-20-072720	7/27/2020	0.13			<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		0.0047	J		0.0078	J		0.03		
	30 ft	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		
VMP-50-30-072720		7/27/2020	0.039	J		<0.04	U		<0.084	U		<0.13	U		<0.48	U		5.3			<0.15	U		<0.16	U		

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			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-51-5-102519	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	
		VMP-51-5-072320	7/23/2020	0.024	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		0.0028	J		0.0073	J		0.0022	J	
	10 ft	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	
		VMP-51-10-072320	7/23/2020	0.028			0.00098	J		0.0014	J		<0.012	U		<0.045	U		<0.011	U		0.005	J		0.0022	J	
	20 ft	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	
		VMP-51-20-072320	7/23/2020	0.0074	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.015	U		<0.016	U	
	30 ft	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-51-30-072320		7/23/2020	0.013	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0022	J		<0.015	U		
VMP-52	5 ft	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	
		VMP-52-5-072320	7/23/2020	0.04			<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		0.0026	J		0.0044	J		<0.014	U	
		VMP-52-5-072320-DUP	7/23/2020	0.01	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.015	U	
	10 ft	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	
		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	
	20 ft	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	
		VMP-52-20-072320	7/23/2020	0.011	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		0.0022	J		<0.017	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	
	30 ft	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-52-30-072320		7/23/2020	0.014	J		<0.0043	U		<0.0089	U		<0.014	U		<0.052	U		<0.013	U		0.0024	J		<0.017	U		
VMP-53	5 ft	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	
		VMP-53-5-072220	7/22/2020	0.016	J		0.00067	J		<0.008	U		<0.012	U		<0.046	U		<0.011	U		0.0028	J		0.0049	J	
	10 ft	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	
		VMP-53-10-072220	7/22/2020	0.017	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	J	U
	20 ft	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	
		VMP-53-20-072220	7/22/2020	0.015	J		0.00083	J		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		0.002	J		<0.016	J	U
	30 ft	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		
VMP-53-30-072220		7/22/2020	0.011	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	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	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-54-5-102219	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	
	10 ft	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	
		VMP-54-5-072220	7/22/2020	0.012	J		0.00036	J		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		0.0028	J		<0.016	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	
		VMP-54-10-072220	7/22/2020	0.014	J		<0.0043	U		<0.0089	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
	20 ft	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-54-20-072220	7/22/2020	0.016	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U		
	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-54-30-072220	7/22/2020	0.023	J		0.0015	J		<0.0087	U		<0.013	U		<0.051	U		0.0056	J		0.0024	J		0.0018	J			
VMP-56	10 ft	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	
		VMP-56-10-072320	7/23/2020	0.048			0.0016	J		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		0.0066	J		0.0029	J	
	VMP-56-10-072320-DUP	7/23/2020	0.029	J		0.0021	J		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		0.0049	J		0.0048	J		
	25 ft	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-56-25-072320	7/23/2020	0.012	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U			
VMP-62	5 ft	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-62-5-072720	7/27/2020	0.029			<0.0039	U		<0.0082	U		<0.013	U		<0.047	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	
		VMP-62-10-072720	7/27/2020	0.012	J		<0.0036	U		0.0021	J		<0.012	U		<0.044	U		<0.011	U		<0.013	U		<0.014	U	
		VMP-62-10-072720	7/27/2020	0.012	J		<0.0039	U		0.01			<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
	20 ft	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	
VMP-62-20-072720	7/27/2020	0.022	J		<0.0037	U		0.0021	J		<0.012	U		<0.045	U		<0.011	U		0.0048	J		<0.014	U			
30 ft	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-62-30-072720	7/27/2020	0.018	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	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	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-63	5 ft	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	
	10 ft	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	
		VMP-63-5-072820	7/28/2020	0.018	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		0.0026	J		0.0092	J	
		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	
		VMP-63-10-072820	7/28/2020	0.015	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-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	
		VMP-63-20-072820	7/28/2020	0.04			<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		0.0031	J		<0.015	U	
30 ft	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		
	VMP-63-30-072820	7/28/2020	0.01	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U		
VMP-63-30-072820-DUP	7/28/2020	0.014	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		0.0012	J		<0.014	U			
VMP-64	5 ft	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	
		VMP-64-5-072420	7/24/2020	0.068			0.00091	J		<0.0082	U		<0.013	U		<0.047	U		0.0074	J		0.0062	J		0.0019	J	
	10 ft	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	
		VMP-64-10-072420	7/24/2020	0.019	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
	20 ft	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		
VMP-64-20-072420		7/24/2020	0.0097	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.015	U		
VMP-64-20-072420-DUP		7/24/2020	0.012	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U		

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dibromoethane		
				0.21			69			0.11												0.0078					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (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-1-5-102419	10/24/2019	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
		VMP-1-5-012720	1/27/2020	<0.0078	U		<0.0057	U		<0.013	U		<0.006	U		<0.026	U	UJ	<0.0064	U		<0.0042	U		<0.0095	U	
		VMP-1-5-042420	4/24/2020	<0.0083	U		<0.006	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
		VMP-1-5-072820	7/28/2020	<0.0075	U		<0.0055	U		<0.012	U		0.0018	J		<0.024	U		<0.0062	U		<0.0041	U		<0.0091	U	
	8.5 ft	VMP-1-8.5-102419	10/24/2019	<0.018	U		<0.013	U		<0.03	U		<0.014	U		<0.058	U		<0.014	U		<0.0096	U		<0.022	U	
		VMP-1-8.5-102419-DUP	10/24/2019	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
		VMP-1-8.5-111519R	11/15/2019	<0.008	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U	
		VMP-1-8.5-012720	1/27/2020	<0.0091	U		<0.0066	U		<0.015	U		<0.007	U		<0.03	U	UJ	<0.0074	U		<0.005	U		<0.011	U	
	23.5 ft	VMP-1-8.5-042420	4/24/2020	<0.0081	U		<0.006	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.01	U	
		VMP-1-8.5-072820	7/28/2020	<0.008	U		<0.0058	U		<0.013	U		0.0015	J		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U	
		VMP-1-23.5-102419	10/24/2019	<0.0076	U		<0.0056	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
		VMP-1-23.5-012720	1/27/2020	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U	UJ	<0.0065	U		<0.0043	U		<0.0097	U	
38.5 ft	VMP-1-23.5-042420	4/24/2020	<0.0074	U		<0.0054	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U		<0.0041	U		<0.0091	U		
	VMP-1-23.5-072820	7/28/2020	<0.0082	U		<0.006	U		<0.014	U		0.0016	J		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U		
	VMP-1-38.5-012720	1/27/2020	<0.008	U		<0.0059	U		<0.013	U		<0.0062	U		<0.026	U	UJ	<0.0066	U		<0.0044	U		<0.0098	U		
	VMP-1-38.5-072820	7/28/2020	<0.008	U		<0.0058	U		<0.013	U		0.0013	J		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U		
VMP-2	5 ft	VMP-2-5-102119	10/21/2019	<0.0073	U		<0.0054	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		0.001	J		<0.009	U	
		VMP-2-5-012420	1/24/2020	<0.0083	U		<0.0061	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U		<0.0046	U		<0.01	U	
		VMP-2-5-042420	4/24/2020	<0.0084	U		<0.0061	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U		<0.0046	U		<0.01	U	
		VMP-2-5-072420	7/24/2020	<0.0072	U		<0.0053	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U		<0.004	U		<0.0088	U	
	8.5 ft	VMP-2-8.5-102119	10/21/2019	<0.0075	U		<0.0055	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0091	U	
		VMP-2-8.5-012420	1/24/2020	<0.0087	U		<0.0064	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U		<0.011	U	
		VMP-2-8.5-042420	4/24/2020	<0.0083	U		0.00098	J		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
		VMP-2-8.5-072420	7/24/2020	<0.0075	U		<0.0055	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0091	U	
	22 ft	VMP-2-22-102119	10/21/2019	<0.0076	U		<0.0056	U		<0.013	U		0.008			<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
		VMP-2-22-012420	1/24/2020	<0.0088	U		<0.0064	U		<0.015	U		0.0019	J		<0.029	U		<0.0072	U		<0.0048	U		<0.011	U	
		VMP-2-22-042420	4/24/2020	<0.0089	U		0.0014	J		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0049	U		<0.011	U	
		VMP-2-22-042420-DUP	4/24/2020	<0.0089	U		<0.0065	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0049	U		<0.011	U	
VMP-2-22-072420	7/24/2020	<0.008	U		<0.0059	U		<0.014	U		0.0078			<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U			
VMP-3	5 ft	VMP-3-5-101819	10/18/2019	<0.0079	U		<0.0058	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	J	U	<0.0043	U		<0.0096	U	
		VMP-3-5-012720	1/27/2020	<0.011	U		<0.0078	U		<0.018	U		<0.0083	U		<0.035	U	UJ	<0.0088	U		<0.0059	U		<0.013	U	
		VMP-3-5-012720-DUP	1/27/2020	<0.0086	U		<0.0063	U		<0.014	U		<0.0067	U		<0.028	U	UJ	<0.0071	U		<0.0047	U		<0.01	U	
		VMP-3-5-042920	4/29/2020	<0.0085	U		<0.0062	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.01	U	
	10 ft	VMP-3-5-072920	7/29/2020	<0.0084	U		0.00063	J		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U		<0.0046	U		<0.01	U	
		VMP-3-10-101819	10/18/2019	<0.0093	U		<0.0068	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U		<0.0051	U		<0.011	U	
		VMP-3-10-022120	2/21/2020	<0.0072	U		<0.0053	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U		<0.004	U		<0.0088	U	
		VMP-3-10-072920	7/29/2020	<0.0079	U		<0.0058	U		<0.013	U		0.003	J		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
	22 ft	VMP-3-22-101819	10/18/2019	<0.0079	U		<0.0058	U		<0.013	U		0.0025	J		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
		VMP-3-22-012720	1/27/2020	<0.0081	U		<0.006	U		<0.014	U		0.0021	J		<0.027	U		<0.0067	U		<0.0044	U		<0.01	U	
		VMP-3-22-042920	4/29/2020	<0.009	U		<0.0066	U		<0.015	U		0.0025	J		<0.03	U		<0.0074	U		<0.0049	U		<0.011	U	
		VMP-3-22-072920	7/29/2020	<0.0083	U		<0.0061	U		<0.014	U		0.0039	J		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
31.5 ft	VMP-3-31.5-101819	10/18/2019	<23	U		<17	U		<38	U		<18	U		<75	U		<19	U		9.2	J		<28	U		
	VMP-3-31.5-101819-DUP	10/18/2019	<22	U		<16	U		<37	U		<17	U		<73	U		<18	U		9.1	J		<27	U		
	VMP-3-31.5-022120	2/21/2020	<0.074	U		<0.054	U		<0.12	U		<0.057	U		<0.24	U		<0.061	U		<0.04	U		<0.09	U		
	VMP-3-31.5-042920	4/29/2020	<2	U		<1.5	U		<3.4	U		<1.6	U		<2.7	U		<1.7	U		<1.1	U		<2.5	U		
VMP-3-31.5-072920	7/29/2020	<0.065	U		<0.047	U		<0.11	U		<0.05	U		<0.21	U		<0.053	U		<0.035	U		<0.079	U			

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dibromoethane		
				0.21			69			0.11												0.0078					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-4	5 ft	VMP-4-5-102119	10/21/2019	<0.0076	U		<0.0056	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
		VMP-4-5-012320	1/23/2020	<0.0081	U		<0.0059	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0099	U	
		VMP-4-5-042820	4/28/2020	<0.0081	U		<0.0059	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0099	U	
		VMP-4-5-073020	7/30/2020	<0.0077	U		<0.0057	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U		<0.0042	U		<0.0094	U	
	VMP-4-5-073020-DUP	7/30/2020	<0.0081	U		<0.0059	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0099	U		
	12 ft	VMP-4-12-102119	10/21/2019	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
		VMP-4-12-012320	1/23/2020	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
		VMP-4-12-042820	4/28/2020	<0.0085	U		<0.0062	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.01	U	
		VMP-4-12-073020	7/30/2020	<0.0079	U		<0.0058	U		<0.013	U		0.0011	J		<0.026	U		<0.0065	U		<0.0043	U		<0.0096	U	
	23.5 ft	VMP-4-23.5-102119	10/21/2019	<0.0076	U		<0.0056	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
		VMP-4-23.5-012320	1/23/2020	<0.0085	U		<0.0062	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.01	U	
		VMP-4-23.5-042820	4/28/2020	<0.0083	U		<0.0061	U		<0.014	U		<0.0062	U		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
VMP-4-23.5-073020		7/30/2020	<0.008	U		<0.0059	U		<0.013	U		0.00073	J		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U		
VMP-5	5 ft	VMP-5-5-102119	10/21/2019	<0.0076	U		<0.0056	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
		VMP-5-5-012820	1/28/2020	<0.0071	U		<0.0052	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U		<0.0039	U		<0.0086	U	
		VMP-5-5-042720	4/27/2020	<0.0075	U		<0.0055	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0091	U	
		VMP-5-5-072320	7/23/2020	<0.0081	U		<0.0059	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0099	U	
	12.5 ft	VMP-5-12.5-102119	10/21/2019	<0.007	U		<0.0052	U		<0.012	U		0.0067			<0.023	U		<0.0058	U		<0.0038	U		<0.0086	U	
		VMP-5-12.5-012820	1/28/2020	<0.0083	U		<0.0061	U		<0.014	U		0.0028	J		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
		VMP-5-12.5-042720	4/27/2020	<0.0076	U		<0.0056	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
		VMP-5-12.5-072320	7/23/2020	<0.0078	U		<0.0057	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0043	U		<0.0095	U	
	31 ft	VMP-5-31-102119	10/21/2019	<0.0091	U		<0.0066	U		<0.015	U		0.0049	J		<0.03	U		<0.0075	U		<0.005	U		<0.011	U	
		VMP-5-31-012820	1/28/2020	<0.008	U		<0.0058	U		<0.013	U		0.0032	J		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U	
		VMP-5-31-042720	4/27/2020	<0.008	U		<0.0058	U		<0.013	U		0.0042	J		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U	
		VMP-5-31-072320	7/23/2020	<0.0077	U		<0.0056	U		<0.013	U		0.0018	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0094	U	
VMP-5-31-072320-DUP	7/23/2020	<0.008	U		<0.0058	U		<0.013	U		0.0019	J		<0.026	U		<0.0065	U		<0.0044	U		<0.0097	U			
VMP-6	5 ft	VMP-6-5-102519	10/25/2019	<0.0077	U		<0.0056	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0094	U	
		VMP-6-5-012320	1/23/2020	<0.0091	U		<0.0067	U		<0.015	U		0.011			<0.03	U		<0.0075	U		<0.005	U		<0.011	U	
		VMP-6-5-042720	4/27/2020	<0.0085	U		<0.0062	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.01	U	
		VMP-6-5-072220	7/22/2020	0.0017	J		<0.006	U		<0.014	U		0.0077			<0.027	U		<0.0067	U		<0.0045	U		<0.01	U	
	10 ft	VMP-6-10-102519	10/25/2019	<0.0079	U		<0.0058	U		<0.013	U		0.024			<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
		VMP-6-10-012320	1/23/2020	<0.0082	U		<0.006	U		<0.014	U		0.017			<0.027	U		<0.0067	U		<0.0045	U		<0.01	U	
		VMP-6-10-042720	4/27/2020	<0.0081	U		<0.0059	U		<0.014	U		0.0056	J		<0.027	U		<0.0067	U		<0.0044	U		<0.0099	U	
		VMP-6-10-072220	7/22/2020	0.002	J		<0.006	U		<0.014	U		0.087			<0.027	U		<0.0067	U		<0.0045	U		<0.01	U	
	31.5 ft	VMP-6-31.5-102519	10/25/2019	<0.008	U		<0.0058	U		<0.013	U		0.0058	J		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U	
		VMP-6-31.5-022120	2/21/2020	<0.0071	U		<0.0052	U		<0.012	U		0.0036	J		<0.023	U		<0.0058	U		<0.0039	U		<0.0086	U	
		VMP-6-31.5-042720	4/27/2020	<0.0087	U		<0.0064	U		<0.014	U		0.0037	J		<0.028	U		<0.0071	U		<0.0048	U		<0.011	U	
		VMP-6-31.5-072220	7/22/2020	<0.0086	U		<0.0063	U		<0.014	U		0.0059	J		<0.028	U		<0.0071	U		<0.0047	U		<0.01	U	
VMP-7	5 ft	VMP-7-5-102419	10/24/2019	<0.0075	U		<0.0055	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0091	U	
		VMP-7-5-012720	1/27/2020	<0.0081	U		<0.0059	U		<0.014	U		<0.0063	U		<0.026	U	UJ	<0.0066	U		<0.0044	U		<0.0099	U	
		VMP-7-5-042720	4/27/2020	<0.0089	U		<0.0065	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U		<0.011	U	
		VMP-7-5-073020	7/30/2020	<0.0076	U		<0.0056	U		<0.013	U		0.0024	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
	13.5 ft	VMP-7-13.5-102419	10/24/2019	<0.0072	U		<0.0053	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U		<0.0039	U		<0.0088	U	
		VMP-7-13.5-012720	1/27/2020	<0.0076	U		<0.0056	U		<0.013	U		<0.0059	U		<0.025	U	UJ	<0.0063	U		<0.0042	U		<0.0093	U	
		VMP-7-13.5-042720	4/27/2020	<0.0089	U		<0.0065	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U		<0.011	U	
		VMP-7-13.5-073020	7/30/2020	<0.0081	U		<0.0059	U		<0.014	U		0.0024	J		<0.027	U		<0.0067	U		<0.0044	U		<0.0099	U	
	29.5 ft	VMP-7-29.5-102419	10/24/2019	<0.007	U		<0.0052	U		<0.012	U		0.0063			<0.023	U		<0.0058	U		<0.0038					

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dibromoethane		
				0.21			69			0.11												0.0078					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-101819	10/18/2019	<0.0077	U		<0.0056	U		<0.013	U		0.0012	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0094	U	
		VMP-8-5-012220	1/22/2020	<0.0088	U		<0.0064	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U		<0.011	U	
		VMP-8-5-012220-DUP	1/22/2020	<0.0089	U		<0.0065	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U		<0.0049	U		<0.011	U	
		VMP-8-5-042220	4/22/2020	<0.0081	U		<0.0059	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0099	U	
		VMP-8-5-072220	7/22/2020	<0.0077	U		<0.0057	U		<0.013	U		0.0034	J		<0.025	U		<0.0064	U		<0.0042	U		<0.0094	U	
	9.5 ft	VMP-8-9.5-101819	10/18/2019	<0.0075	U		<0.0055	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U		<0.0041	U		<0.0092	U	
		VMP-8-9.5-012220	1/22/2020	<0.0086	U		<0.0063	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0047	U		<0.01	U	
		VMP-8-9.5-042220	4/22/2020	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
		VMP-8-9.5-072220	7/22/2020	<0.008	U		<0.0059	U		0.0031	J		0.0011	J		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U	
		VMP-8-9.5-072220-DUP	7/22/2020	<0.0076	U		<0.0055	U		<0.013	U		0.0044	J		<0.025	U		<0.0062	U		<0.0041	U		<0.0092	U	
	23.5 ft	VMP-8-23.5-101819	10/18/2019	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
		VMP-8-23.5-012220	1/22/2020	<0.0083	U		<0.0061	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U		<0.0046	U		<0.01	U	
		VMP-8-23.5-042220	4/22/2020	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		0.0048			<0.0097	U	
		VMP-8-23.5-072220	7/22/2020	<0.0074	U		<0.0054	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U		<0.0041	U		<0.0091	U	
		VMP-8-35.5-101819	10/18/2019	<0.0074	U		<0.0054	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U		<0.0041	U		<0.0091	U	
VMP-9	5 ft	VMP-9-5-102519	10/25/2019	<0.0078	U		<0.0057	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U		<0.0043	U		<0.0096	U	
		VMP-9-5-012220	1/22/2020	<0.0075	U		<0.0055	U		<0.013	U		0.0018	J		<0.025	ND,UJ	UJ	<0.0062	U		<0.0041	U		<0.0092	U	
		VMP-9-5-042220	4/22/2020	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
		VMP-9-5-072220	7/22/2020	<0.0082	U		<0.006	U		<0.014	U		0.0011	J		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
		VMP-9-5-072220-DUP	7/22/2020	<0.008	U		<0.0059	U		<0.014	U		0.00079	J		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U	
	11.5 ft	VMP-9-11.5-102519	10/25/2019	<0.0082	U		<0.006	U		<0.014	U		0.0032	J		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
		VMP-9-11.5-012220	1/22/2020	<0.0079	U		<0.0058	U		<0.013	U		0.0031	J		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
		VMP-9-11.5-042220	4/22/2020	<0.0083	U		<0.0061	U		<0.014	U		0.003	J		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
		VMP-9-11.5-072220	7/22/2020	<0.0082	U		<0.006	U		<0.014	U		0.0076			<0.027	U		<0.0067	U		<0.0045	U		<0.01	U	
		VMP-9-25.5-102519	10/25/2019	<0.0086	U		<0.0063	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0047	U		<0.01	U	
	25.5 ft	VMP-9-25.5-012220	1/22/2020	<0.0078	U		<0.0057	U		<0.013	U		<0.006	U		<0.026	ND,UJ	UJ	<0.0064	U		<0.0042	U		<0.0095	U	
		VMP-9-25.5-042220	4/22/2020	<0.0073	U		<0.0054	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.009	U	
		VMP-9-25.5-042220-DUP	4/22/2020	<0.0076	U		<0.0056	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
		VMP-9-25.5-072220	7/22/2020	<0.008	U		<0.0059	U		<0.014	U		0.003	J		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U	
		VMP-18-8.5-102319	10/23/2019	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
VMP-18	8.5 ft	VMP-18-8.5-102319-DUP	10/23/2019	<0.0081	U		<0.006	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.01	U	
		VMP-18-8.5-012420	1/24/2020	<0.0093	U		<0.0068	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U		<0.0051	U		<0.011	U	
		VMP-18-8.5-042920	4/29/2020	<0.0074	U		<0.0054	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U		<0.0041	U		<0.0091	U	
		VMP-18-8.5-042920-DUP	4/29/2020	<0.007	U		<0.0052	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U		<0.0038	U		<0.0086	U	
		VMP-19-5-111519R	11/15/2019	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
VMP-19	5 ft	VMP-19-5-022120	2/21/2020	<0.0076	U		<0.0056	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
		VMP-19-5-043020	4/30/2020	<0.0075	U		<0.0055	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0091	U	
		VMP-19-5-043020-DUP	4/30/2020	<0.0075	U		<0.0055	U		<0.012	U		<0.0058	U		0.0022	J		<0.0062	U		<0.0041	U		<0.0091	U	
		VMP-19-5-072720	7/27/2020	<0.0076	U		<0.0055	U		<0.013	U		0.0035	J		<0.025	U		<0.0062	U		<0.0041	U		<0.0092	U	
		VMP-20-5-102319	10/23/2019	<0.0073	U		<0.0053	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.0089	U	
VMP-20	5 ft	VMP-20-5-012420	1/24/2020	<0.0088	U		<0.0065	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U		<0.011	U	
		VMP-20-5-022120	2/21/2020	<0.0075	U		<0.0055	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0091	U	
		VMP-20-5-042420	4/24/2020	<0.008	U		<0.0059	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U	
		VMP-20-5-072320	7/23/2020	<0.0077	U		<0.0056	U		<0.013	U		0.0008	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0094	U	
		VMP-20-10-102319	10/23/2019	<0.0073	U		<0.0054	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.009	U	
	10 ft	VMP-20-10-012420	1/24/2020	<0.008	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U	
		VMP-20-10-042420	4/24/2020	<0.008	U		<0.0059	U		<0.013	U		<0.0062	U		<0.02											

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dibromoethane		
				0.21			69			0.11												0.0078					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-21	5 ft	VMP-21-5-102319	10/23/2019	<0.0091	U		<0.0066	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U		<0.005	U		<0.011	U	
		VMP-21-5-012220	1/22/2020	<0.0086	U		<0.0063	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0047	U		<0.01	U	
		VMP-21-5-042320	4/23/2020	<0.0089	U		<0.0065	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0049	U		<0.011	U	
		VMP-21-5-072420	7/24/2020	<0.0081	U		<0.0059	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0099	U	
	10 ft	VMP-21-10-102319	10/23/2019	<0.0075	U		<0.0055	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0091	U	
		VMP-21-10-102319-DUP	10/23/2019	<0.0078	U		<0.0057	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0095	U	
		VMP-21-10-012220	1/22/2020	<0.0088	U		<0.0064	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U		<0.011	U	
		VMP-21-10-042320	4/23/2020	<0.0077	U		<0.0056	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0094	U	
	25 ft	VMP-21-10-072420	7/24/2020	<0.0072	U		<0.0053	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U		<0.004	U		<0.0088	U	
		VMP-21-25-102319	10/23/2019	<0.0076	U		<0.0056	U		<0.013	U		0.0011	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
		VMP-21-25-012220	1/22/2020	<0.0088	U		<0.0064	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U		<0.011	U	
		VMP-21-25-042320	4/23/2020	<0.0087	U		<0.0064	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U		<0.011	U	
33 ft	VMP-21-25-072420	7/24/2020	<0.0084	U		<0.0061	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U		<0.0046	U		<0.01	U		
	VMP-21-33-102319	10/23/2019	<0.0073	U		<0.0054	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.009	U		
	VMP-21-33-012220	1/22/2020	<0.009	U		<0.0066	U		<0.015	U		<0.007	U		<0.029	U		<0.0074	U		<0.0049	U		<0.011	U		
	VMP-21-33-042320	4/23/2020	<0.0075	U		<0.0055	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0091	U		
VMP-22	5 ft	VMP-21-33-072420	7/24/2020	<0.0083	U		<0.0061	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
		VMP-22-5-102319	10/23/2019	<0.0076	U		<0.0056	U		<0.013	U		0.0013	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
		VMP-22-5-012320	1/23/2020	<0.0076	U		<0.0056	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
		VMP-22-5-042820	4/28/2020	<0.0081	U		<0.0059	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0099	U	
	10 ft	VMP-22-5-072320	7/23/2020	<0.0082	U		<0.006	U		<0.014	U		0.01			<0.027	U		<0.0067	U		<0.0045	U		<0.01	U	
		VMP-22-10-102319	10/23/2019	<0.0078	U		<0.0057	U		<0.013	U		0.0028	J		<0.026	U		<0.0064	U		<0.0043	U		<0.0095	U	
		VMP-22-10-012320	1/23/2020	<0.0085	U		<0.0062	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.01	U	
		VMP-22-10-042820	4/28/2020	<0.0073	U		<0.0053	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U		<0.004	U		<0.0089	U	
	18 ft	VMP-22-10-072320	7/23/2020	<0.0078	U		<0.0057	U		<0.013	U		0.1			<0.026	U		<0.0064	U		<0.0043	U		<0.0095	U	
		VMP-22-18-102319	10/23/2019	<0.0077	U		<0.0057	U		<0.013	U		0.006			<0.025	U		<0.0064	U		<0.0042	U		<0.0094	U	
		VMP-22-18-012320	1/23/2020	<0.0078	U		<0.0057	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0095	U	
		VMP-22-18-042820	4/28/2020	<0.0081	U		<0.0059	U		<0.014	U		0.0035	J		0.0021	J		<0.0066	U		<0.0044	U		<0.0099	U	
38 ft	VMP-22-18-072320	7/23/2020	<0.0086	U		<0.0063	U		<0.014	U		0.035			<0.028	U		<0.0071	U		<0.0047	U		<0.01	U		
	VMP-22-38-102319	10/23/2019	<0.0074	U		<0.0054	U		<0.012	U		0.0015	J		<0.024	U		<0.0061	U		<0.004	U		<0.009	U		
	VMP-22-38-012320	1/23/2020	<0.0083	U		<0.0061	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U		
	VMP-22-38-012320-DUP	1/23/2020	<0.0083	U		<0.0061	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U		
VMP-23	5 ft	VMP-22-38-042820	4/28/2020	<0.008	U		<0.0058	U		<0.013	U		0.00087	J		<0.026	U		<0.0065	U		<0.0044	U		<0.0097	U	
		VMP-22-38-042820-DUP	4/28/2020	<0.0082	U		<0.006	U		<0.014	U		0.00093	J		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
		VMP-23-5-102419	10/24/2019	<0.0073	U		<0.0054	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.009	U	
		VMP-23-5-012820	1/28/2020	<0.0078	U		<0.0057	U		<0.013	U		0.0038	J		<0.026	U		<0.0064	U		<0.0042	U		<0.0095	U	
	10 ft	VMP-23-5-042820	4/28/2020	<0.0078	U		<0.0057	U		<0.013	U		0.007			<0.026	U		<0.0064	U		<0.0043	U		<0.0096	U	
		VMP-23-5-072320	7/23/2020	<0.008	U		<0.0059	U		<0.014	U		0.0029	J		<0.026	U		<0.0066	U		0.027			<0.0098	U	
		VMP-23-10-102419	10/24/2019	<0.0078	U		<0.0057	U		<0.013	U		0.0011	J		<0.026	U		<0.0064	U		<0.0042	U		<0.0095	U	
		VMP-23-10-012820	1/28/2020	<0.0076	U		<0.0055	U		<0.013	U		0.0088			<0.025	U		<0.0062	U		<0.0041	U		<0.0092	U	
	25 ft	VMP-23-10-042820	4/28/2020	<0.0078	U		<0.0057	U		<0.013	U		0.019			<0.026	U		<0.0064	U		<0.0043	U		<0.0095	U	
		VMP-23-10-072320	7/23/2020	<0.0086	U		<0.0063	U		<0.014	U		0.016			<0.028	U		<0.007	U		0.00036	J		<0.01	U	
		VMP-23-25-102419	10/24/2019	<0.0081	U		<0.0059	U		<0.014	U		0.0029	J		<0.027	U		<0.0067	U		<0.0044	U		<0.0099	U	
		VMP-23-25-012820	1/28/2020	<0.007	U		<0.0051	U		<0.012	U		0.0042	J		<0.023	U		<0.0057	U		<0.0038	U		<0.0085	U	
25 ft	VMP-23-25-012820-DUP	1/28/2020	<0.007	U		<0.0051	U		<0.012	U		0.0026	J		<0.023	U		<0.0057	U		<0.0038	U		<0.0085	U		
	VMP-23-25-042820	4/28/2020	<0.0082	U		<0.006	U		<0.014	U		0.023			<0.027	U		<0.0067	U		<0.0045	U		<0.01	U		
	VMP-23-25-042820-DUP	4/28/2020	<0.0076	U		<0.0055	U		<0.013	U		0.022			<0.025	U		<0.0062	U		<0.0041	U		<0.0092	U</		

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dibromoethane		
				0.21			69			0.11												0.0078					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-102219	10/22/2019	<0.0078	U		<0.0057	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0095	U	
		VMP-24-5-012320	1/23/2020	<0.0093	U		<0.0068	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U		<0.0051	U		<0.011	U	
		VMP-24-5-012320-DUP	1/23/2020	<0.0081	U		<0.0059	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0099	U	
		VMP-24-5-042220	4/22/2020	<0.0083	U		<0.0061	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
	VMP-24-5-072220	7/22/2020	<0.0078	U		<0.0057	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U		<0.0043	U		<0.0096	U		
	10 ft	VMP-24-10-102219	10/22/2019	<0.0072	U		<0.0053	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U		<0.0039	U		<0.0088	U	
		VMP-24-10-012320	1/23/2020	<0.0094	U		<0.0068	U		<0.016	U		<0.0073	U		<0.031	U		<0.0077	U		<0.0051	U		<0.011	U	
		VMP-24-10-042220	4/22/2020	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
		VMP-24-10-072220	7/22/2020	<0.0078	U		<0.0057	U		<0.013	U		0.00034	J		<0.026	U		<0.0064	U		<0.0042	U		<0.0095	U	
	22 ft	VMP-24-22-102219	10/22/2019	<0.0073	U		<0.0054	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.009	U	
		VMP-24-22-012320	1/23/2020	<0.0086	U		<0.0063	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0047	U		<0.01	U	
		VMP-24-22-042220	4/22/2020	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
VMP-24-22-042220-DUP		4/22/2020	<0.0083	U		<0.0061	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U		
VMP-24-22-072220	7/22/2020	<0.0074	U		<0.0054	U		<0.012	U		0.0018	J		<0.024	U		<0.0061	U		<0.004	U		<0.009	U			
34 ft	VMP-24-34-102219	10/22/2019	<0.0069	U		<0.0051	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U		<0.0038	U		<0.0084	U		
	VMP-24-34-012320	1/23/2020	<0.0089	U		<0.0065	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U		<0.011	U		
	VMP-24-34-042220	4/22/2020	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U		
	VMP-24-34-072220	7/22/2020	<0.0082	U		<0.006	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0045	U		<0.01	U		
VMP-32	5 ft	VMP-32-5-102419	10/24/2019	<0.0078	U		<0.0057	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0095	U	
		VMP-32-5-012820	1/28/2020	<0.012	U		<0.0087	U		<0.02	U		<0.0092	U		<0.039	U		<0.0098	U		0.0028	J		<0.014	U	
		VMP-32-5-042920	4/29/2020	<0.0086	U		<0.0063	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0047	U		<0.01	U	
		VMP-32-5-072920	7/29/2020	<0.0082	U		<0.006	U		<0.014	U		0.00074	J		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
	10 ft	VMP-32-10-102419	10/24/2019	<0.0078	U		<0.0057	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0095	U	
		VMP-32-10-012820	1/28/2020	<0.0085	U		<0.0062	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.01	U	
		VMP-32-10-042920	4/29/2020	<0.0086	U		<0.0063	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0047	U		<0.01	U	
		VMP-32-10-072920	7/29/2020	<0.0083	U		<0.006	U		<0.014	U		0.0013	J		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
	20 ft	VMP-32-20-012820	1/28/2020	<0.0085	U		<0.0062	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.01	U	
		VMP-32-20-042920	4/29/2020	<0.0087	U		<0.0064	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U		<0.011	U	
		VMP-32-20-072920	7/29/2020	<0.0078	U		<0.0057	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U		<0.0043	U		<0.0096	U	
	30 ft	VMP-32-30-102419	10/24/2019	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
VMP-32-30-012820		1/28/2020	<0.0091	U		<0.0066	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U		<0.005	U		<0.011	U		
VMP-32-30-072920		7/29/2020	<0.0084	U		<0.0061	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U		<0.0046	U		<0.01	U		
VMP-42	10 ft	VMP-42-10-102119	10/21/2019	<0.007	U		<0.0052	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U		<0.0038	U		<0.0086	U	
		VMP-42-10-012720	1/27/2020	<0.0093	U		<0.0068	U		<0.016	U		<0.0072	U		<0.031	U	UJ	<0.0077	U		<0.0051	U		<0.011	U	
		VMP-42-10-042920	4/29/2020	<0.0093	U		<0.0068	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U		<0.0051	U		<0.011	U	
		VMP-42-10-072820	7/28/2020	<0.0079	U		<0.0058	U		<0.013	U		0.0035	J		<0.026	U		0.00067	J		<0.0043	U		0.00086	J	
	20 ft	VMP-42-20-102119	10/21/2019	<0.0078	U		<0.0057	U		<0.013	U		0.0091			<0.026	U		<0.0064	U		<0.0042	U		<0.0095	U	
		VMP-42-20-012720	1/27/2020	<0.0089	U		<0.0065	U		<0.015	U		0.008			<0.029	U	UJ	<0.0074	U		<0.0049	U		<0.011	U	
		VMP-42-20-042920	4/29/2020	<0.0088	U		<0.0064	U		<0.015	U		0.0022	J		<0.029	U		<0.0072	U		<0.0048	U		<0.011	U	
		VMP-42-20-042920-DUP	4/29/2020	<0.0081	U		<0.0059	U		<0.014	U		0.0022	J		<0.027	U		<0.0067	U		<0.0044	U		<0.0099	U	
	VMP-42-20-072820	7/28/2020	<0.0076	U		<0.0056	U		<0.013	U		0.0033	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U		
	30 ft	VMP-42-30-102119	10/21/2019	<0.0069	U		<0.0051	U		<0.012	U		0.0028	J		<0.023	U		<0.0057	U		<0.0038	U		<0.0084	U	
		VMP-42-30-102119-DUP	10/21/2019	<0.0076	U		<0.0056	U		<0.013	U		0.0029	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
		VMP-42-30-012720	1/27/2020	<0.009	U		<0.0066	U		<0.015	U		0.0033	J		<0.03	U	UJ	<0.0074	U		<0.0049	U		<0.011	U	
VMP-42-30-042920		4/29/2020	<0.0099	U		<0.0072	U		<0.017	U		0.0026	J		<0.032	U		<0.0082	U		<0.0054	U		<0.012	U		
VMP-42-30-072820	7/28/2020	<0.0076	U		<0.0056	U		<0.013	U		0.0014	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U			

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dibromoethane		
				0.21			69			0.11												0.0078					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-102119	10/21/2019	<0.0073	U		<0.0054	U		<0.012	U		0.0068			<0.024	U		<0.006	U		<0.004	U		<0.009	U	
		VMP-43-10-012720	1/27/2020	<0.0075	U		<0.0055	U		<0.013	U		<0.0058	U		<0.025	U	UJ	<0.0062	U		<0.0041	U		<0.0092	U	
		VMP-43-10-043020	4/30/2020	<0.0085	U		<0.0062	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.01	U	
		VMP-43-10-072820	7/28/2020	<0.0082	U		<0.006	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
	20 ft	VMP-43-20-102119	10/21/2019	<0.0078	U		<0.0057	U		<0.013	U		0.0039	J		<0.026	U		<0.0064	U		<0.0042	U		<0.0095	U	
		VMP-43-20-012720	1/27/2020	<0.0086	U		<0.0063	U		<0.014	U		<0.0067	U		<0.028	U	UJ	<0.0071	U		<0.0047	U		<0.01	U	
		VMP-43-20-043020	4/30/2020	<0.0087	U		<0.0064	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0048	U		<0.011	U	
		VMP-43-20-072820	7/28/2020	<0.0086	U		<0.0063	U		<0.014	U		0.0013	J		<0.028	U		<0.0071	U		<0.0047	U		<0.01	U	
	30 ft	VMP-43-30-102119	10/21/2019	<0.0078	U		<0.0057	U		<0.013	U		0.0021	J		<0.026	U		<0.0064	U		<0.0042	U		<0.0095	U	
		VMP-43-30-102119-DUP	10/21/2019	<0.0078	U		<0.0057	U		<0.013	U		0.0019	J		<0.026	U		<0.0064	U		<0.0042	U		<0.0095	U	
		VMP-43-30-012720	1/27/2020	<0.0082	U		<0.006	U		<0.014	U		<0.0064	U		<0.027	U	UJ	<0.0068	U		<0.0045	U		<0.01	U	
		VMP-43-30-043020	4/30/2020	<0.0081	U		<0.0059	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0099	U	
VMP-43-30-072820	7/28/2020	<0.0083	U		<0.0061	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U			
VMP-44	10 ft	VMP-44-10-102419	10/24/2019	<0.0072	U		<0.0053	U		<0.012	U		0.0012	J		<0.024	U		<0.0059	U		<0.0039	U		<0.0088	U	
		VMP-44-10-012720	1/27/2020	<0.0093	U		<0.0068	U		<0.016	U		<0.0072	U		<0.03	U	UJ	<0.0076	U		<0.0051	U		<0.011	U	
		VMP-44-10-043020	4/30/2020	<0.0073	U		<0.0054	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.009	U	
		VMP-44-10-072820	7/28/2020	<0.0075	U		<0.0055	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U		<0.0041	U		<0.0092	U	
	20 ft	VMP-44-20-102419	10/24/2019	<0.0073	U		<0.0054	U		<0.012	U		0.0012	J		<0.024	U		<0.006	U		<0.004	U		<0.009	U	
		VMP-44-20-012720	1/27/2020	<0.009	U		<0.0066	U		<0.015	U		<0.007	U		<0.03	U	UJ	<0.0074	U		<0.0049	U		<0.011	U	
		VMP-44-20-043020	4/30/2020	<0.0078	U		<0.0057	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0095	U	
		VMP-44-20-072820	7/28/2020	<0.0079	U		<0.0058	U		<0.013	U		0.0056	J		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
	30 ft	VMP-44-30-102419	10/24/2019	<0.0069	U		<0.0051	U		<0.012	U		0.0011	J		<0.023	U		<0.0057	U		<0.0038	U		<0.0084	U	
		VMP-44-30-012720	1/27/2020	<0.0076	U		<0.0055	U		<0.013	U		<0.0058	U		<0.025	U	UJ	<0.0062	U		<0.0041	U		<0.0092	U	
		VMP-44-30-012720-DUP	1/27/2020	<0.0077	U		<0.0056	U		<0.013	U		<0.006	U		<0.025	U	UJ	<0.0063	U		<0.0042	U		<0.0094	U	
		VMP-44-30-043020	4/30/2020	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
VMP-45	10 ft	VMP-45-10-111519R	11/15/2019	<0.0078	U		<0.0057	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0043	U		<0.0095	U	
		VMP-45-10-012720	1/27/2020	<0.0079	U		<0.0058	U		<0.013	U		<0.0061	U		<0.026	U	UJ	<0.0065	U		<0.0043	U		<0.0096	U	
		VMP-45-10-042720	4/27/2020	<0.0083	U		<0.0061	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U		<0.0046	U		<0.01	U	
		VMP-45-10-072820	7/28/2020	<0.0085	U		<0.0062	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.01	U	
	20 ft	VMP-45-20-102419	10/24/2019	<0.0072	U		<0.0053	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U		0.0035	J		<0.0088	U	
		VMP-45-20-012720	1/27/2020	<0.0078	U		<0.0057	U		<0.013	U		<0.006	U		<0.026	U	UJ	<0.0064	U		<0.0043	U		<0.0095	U	
		VMP-45-20-042720	4/27/2020	<0.0079	U		<0.0058	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0096	U	
		VMP-45-20-072820	7/28/2020	<0.0086	U		<0.0063	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0047	U		<0.01	U	
	30 ft	VMP-45-30-102419	10/24/2019	<0.0075	U		<0.0055	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0091	U	
		VMP-45-30-102419-DUP	10/24/2019	<0.0072	U		<0.0053	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U		<0.0039	U		<0.0088	U	
		VMP-45-30-012720	1/27/2020	<0.0087	U		<0.0064	U		<0.014	U		<0.0067	U		<0.028	U	UJ	<0.0071	U		<0.0048	U		<0.011	U	
		VMP-45-30-042720	4/27/2020	<0.0074	U		<0.0054	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U		<0.0041	U		<0.0091	U	
VMP-45-30-072820	7/28/2020	<0.0092	U		<0.0068	U		<0.016	U		0.0065	J		<0.03	U		<0.0076	U		<0.005	U		<0.011	U			
VMP-47	5 ft	VMP-47-5-102319	10/23/2019	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
		VMP-47-5-012920	1/29/2020	<0.0094	U		<0.0068	U		<0.016	U		0.011			<0.031	U		<0.0077	U		0.0027	J		<0.011	U	
		VMP-47-5-012920-DUP	1/29/2020	<0.0089	U		<0.0065	U		<0.015	U		0.012			<0.029	U		<0.0074	U		0.0088			<0.011	U	
		VMP-47-5-042820	4/28/2020	<0.0089	U		<0.0065	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U		<0.011	U	
	VMP-47-5-072720	7/27/2020	<0.0078	U		<0.0057	U		<0.013	U		0.03			<0.026	U		<0.0064	U		<0.0042	U		<0.0095	U		
	10 ft	VMP-47-10-102319	10/23/2019	<0.0083	U		<0.0061	U		<0.014	U		0.032			<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
		VMP-47-10-012920	1/29/2020	<0.0085	U		<0.0062	U		<0.014	U		0.026			<0.028	U		<0.007	U		<0.0047	U		<0.01	U	
		VMP-47-10-042820	4/28/2020	<0.0087	U		<0.0064	U		<0.014	U		0.016			<0.028	U		<0.0071	U		<0.0048	U		<0.011	U	
		VMP-47-10-042820-DUP	4/28/2020	<0.0089	U		<0.0065	U		<0.015	U		0.016			<0.029	U		<								

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dibromoethane		
				0.21			69			0.11												0.0078					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-48	5 ft	VMP-48-5-102119	10/21/2019	<0.0079	U		<0.0058	U		<0.013	U		0.0014	J		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
		VMP-48-5-012920	1/29/2020	<0.0091	U		<0.0066	U		<0.015	U		0.004	J		<0.03	U	UJ	<0.0075	U		<0.005	U		<0.011	U	
		VMP-48-5-042420	4/24/2020	<0.0092	U		<0.0067	U		<0.015	U		0.0018	J		<0.03	U		<0.0076	U		<0.005	U		<0.011	U	
		VMP-48-5-073020	7/30/2020	<0.0071	U		<0.0052	U		<0.012	U		0.0081			<0.023	U		<0.0059	U		0.00038	J		<0.0087	U	
	10 ft	VMP-48-10-102119	10/21/2019	<0.0075	U		<0.0055	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0091	U	
		VMP-48-10-012920	1/29/2020	<0.0092	U		<0.0067	U		<0.015	U		0.0021	J		<0.03	U		<0.0076	U		<0.005	U		<0.011	U	
		VMP-48-10-042420	4/24/2020	<0.0086	U		<0.0063	U		<0.014	U		<0.001	J		<0.028	U		<0.007	U		<0.0047	U		<0.01	U	
		VMP-48-10-073020	7/30/2020	<0.0082	U		<0.006	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0045	U		<0.01	U	
	20 ft	VMP-48-10-073020-DUP	7/30/2020	<0.0076	U		<0.0056	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
		VMP-48-20-102119	10/21/2019	<0.0075	U		<0.0055	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0091	U	
		VMP-48-30-102119	10/21/2019	<0.0081	U		<0.0059	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		0.0015	J		<0.0099	U	
		VMP-48-30-012920	1/29/2020	<0.009	U		<0.0066	U		<0.015	U		<0.007	U		<0.03	U	UJ	<0.0074	U		<0.0049	U		<0.011	U	
30 ft	VMP-48-30-073020	7/30/2020	<0.008	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U		
	VMP-49-5-101819	10/18/2019	<0.0076	U		<0.0056	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U		
	VMP-49-5-012220	1/22/2020	<0.0077	U		<0.0056	U		<0.013	U		<0.006	U		<0.025	ND,UJ	UJ	<0.0063	U		<0.0042	U		<0.0094	U		
	VMP-49-5-042920	4/29/2020	<0.0093	U		<0.0068	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U		<0.0051	U		<0.011	U		
VMP-49	5 ft	VMP-49-5-072420	7/24/2020	<0.0079	U		<0.0058	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0096	U	
		VMP-49-5-072420-DUP	7/24/2020	<0.0084	U		<0.0061	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U		<0.0046	U		<0.01	U	
		VMP-49-10-101819	10/18/2019	<0.0075	U		<0.0055	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U		<0.0041	U		<0.0092	U	
		VMP-49-10-012220	1/22/2020	<0.0091	U		<0.0067	U		<0.015	U		<0.0071	U		<0.03	ND,UJ	UJ	<0.0075	U		<0.005	U		<0.011	U	
	10 ft	VMP-49-10-042920	4/29/2020	<0.0077	U		<0.0057	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U		<0.0042	U		<0.0094	U	
		VMP-49-10-072420	7/24/2020	<0.0088	U		<0.0064	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U		<0.011	U	
		VMP-49-20-101819	10/18/2019	<0.0087	U		<0.0064	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U		<0.011	U	
		VMP-49-20-012220	1/22/2020	<0.0084	U		<0.0061	U		<0.014	U		<0.0065	U		<0.028	ND,UJ	UJ	<0.0069	U		<0.0046	U		<0.01	U	
	20 ft	VMP-49-20-042920	4/29/2020	<0.0077	U		<0.0057	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U		<0.0042	U		<0.0094	U	
		VMP-49-20-042920-DUP	4/29/2020	<0.0081	U		<0.006	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.01	U	
		VMP-49-20-072420	7/24/2020	<0.0075	U		<0.0055	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0091	U	
		VMP-49-30-101819	10/18/2019	<0.0083	U		<0.0061	U		<0.014	U		0.001	J		<0.027	U		<0.0068	U		<0.0046	U		<0.01	U	
30 ft	VMP-49-30-012220	1/22/2020	<0.0081	U		<0.0059	U		<0.014	U		<0.0063	U		<0.026	ND,UJ	UJ	<0.0066	U		<0.0044	U		<0.0099	U		
	VMP-49-30-042920	4/29/2020	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U		
	VMP-49-30-072420	7/24/2020	<0.0081	U		<0.0059	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0099	U		
	VMP-50-5-102319	10/23/2019	<0.0075	U		<0.0055	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U		<0.0041	U		<0.0092	U		
VMP-50	5 ft	VMP-50-5-012820	1/28/2020	<0.0087	U		<0.0064	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0048	U		<0.011	U	
		VMP-50-5-042820	4/28/2020	<0.0083	U		<0.0061	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U		0.0015	J		<0.01	U	
		VMP-50-5-072720	7/27/2020	<0.008	U		<0.0059	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U	
		VMP-50-10-102319	10/23/2019	<0.0077	U		<0.0057	U		<0.013	U		0.0018	J		<0.025	U		<0.0064	U		<0.0042	U		<0.0094	U	
	10 ft	VMP-50-10-012820	1/28/2020	<0.0089	U		<0.0065	U		<0.015	U		0.0036	J		<0.029	U		<0.0073	U		<0.0048	U		<0.011	U	
		VMP-50-10-042820	4/28/2020	<0.0087	U		<0.0064	U		<0.014	U		0.00097	J		<0.028	U		<0.0071	U		<0.0048	U		<0.011	U	
		VMP-50-10-072720	7/27/2020	<0.0074	U		<0.0054	U		<0.012	U		0.013			<0.024	U		<0.006	U		<0.004	U		<0.009	U	
		VMP-50-20-102319	10/23/2019	<0.0083	U		<0.0061	U		<0.014	U		0.0039	J		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
	20 ft	VMP-50-20-012820	1/28/2020	<0.0087	U		<0.0064	U		<0.014	U		0.012			<0.028	U		<0.0071	U		<0.0048	U		<0.011	U	
		VMP-50-20-042820	4/28/2020	<0.0081	U		<0.0059	U		<0.014	U		0.0036	J		<0.026	U		<0.0066	U		<0.0044	U		<0.0099	U	
		VMP-50-20-072720	7/27/2020	<0.0077	U		<0.0056	U		<0.013	U		0.0039	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0094	U	
		VMP-50-30-102319	10/23/2019	<0.08	U		<0.058	U		<0.13	U		<0.062	U		<0.1	U		<0.065	U		4.8			<0.097	U	
30 ft	VMP-50-30-012820	1/28/2020	<0.17	U		<0.12	U		<0.28	U		<0.13	U		<0.56	U		<0.14	U		1.1			<0.21	U		
	VMP-50-30-042820	4/28/2020	<0.11	U		<0.078	U		<0.18	U		<0.083	U		<0.35	U		<0.088	U		2.4			<0.13	U		
	VMP-50-30-072720	7/27/2020	<0.079	U		<0.058	U		<0.13	U		<0.061	U		<0.26	U		<0.065	U		0.88			<0.096			

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dibromoethane		
				0.21			69			0.11												0.0078					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (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-51-5-102519	10/25/2019	<0.0083	U		<0.0061	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
		VMP-51-5-012820	1/28/2020	<0.0089	U		<0.0065	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U		<0.011	U	
		VMP-51-5-012820-DUP	1/28/2020	<0.0087	U		<0.0064	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0048	U		<0.011	U	
		VMP-51-5-042720	4/27/2020	<0.0076	U		<0.0055	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U		<0.0041	U		<0.0092	U	
		VMP-51-5-072320	7/23/2020	<0.0075	U		<0.0055	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0091	U	
	10 ft	VMP-51-10-102519	10/25/2019	<0.0077	U		<0.0056	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0094	U	
		VMP-51-10-012820	1/28/2020	<0.0087	U		<0.0064	U		<0.014	U		0.0033	J		<0.028	U		<0.0071	U		<0.0048	U		<0.011	U	
		VMP-51-10-042720	4/27/2020	<0.0081	U		<0.006	U		<0.014	U		0.003	J		<0.027	U		<0.0067	U		<0.0044	U		<0.01	U	
		VMP-51-10-072320	7/23/2020	<0.0074	U		<0.0054	U		<0.012	U		0.003	J		<0.024	U		<0.006	U		0.00038	J		<0.009	U	
		VMP-51-10-072320	7/23/2020	<0.0074	U		<0.0054	U		<0.012	U		0.003	J		<0.024	U		<0.006	U		0.00038	J		<0.009	U	
	20 ft	VMP-51-20-102519	10/25/2019	<0.0079	U		<0.0058	U		<0.013	U		0.0014	J		<0.026	U		<0.0065	U		<0.0043	U		<0.0096	U	
		VMP-51-20-022120	2/21/2020	<0.0075	U		<0.0055	U		<0.012	U		0.002	J		<0.024	U		<0.0062	U		<0.0041	U		<0.0091	U	
		VMP-51-20-042720	4/27/2020	<0.0083	U		<0.006	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
		VMP-51-20-042720	4/27/2020	<0.0083	U		<0.006	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
		VMP-51-20-072320	7/23/2020	<0.0082	U		<0.006	U		<0.014	U		0.0022	J		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
30 ft	VMP-51-30-102519	10/25/2019	<0.0077	U		<0.0056	U		<0.013	U		0.0022	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0094	U		
	VMP-51-30-102519-DUP	10/25/2019	<0.0079	U		<0.0058	U		<0.013	U		0.0021	J		<0.026	U		<0.0065	U		<0.0043	U		<0.0096	U		
	VMP-51-30-012820	1/28/2020	<0.0085	U		<0.0062	U		<0.014	U		0.0013	J		<0.028	U		<0.007	U		<0.0046	U		<0.01	U		
	VMP-51-30-042720	4/27/2020	<0.0074	U		<0.0054	U		<0.012	U		0.0013	J		<0.024	U		<0.006	U		<0.004	U		<0.009	U		
	VMP-51-30-072320	7/23/2020	<0.0076	U		<0.0056	U		<0.013	U		0.0014	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U		
VMP-52	5 ft	VMP-52-5-102219	10/22/2019	<0.0081	U		<0.0059	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0099	U	
		VMP-52-5-012320	1/23/2020	<0.0092	U		<0.0067	U		<0.015	U		<0.0071	U		<0.03	U		<0.0076	U		<0.005	U		<0.011	U	
		VMP-52-5-042720	4/27/2020	<0.0073	U		<0.0053	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.0089	U	
		VMP-52-5-072320	7/23/2020	<0.0074	U		<0.0054	U		<0.012	U		0.00089	J		<0.024	U		<0.006	U		<0.004	U		<0.009	U	
		VMP-52-5-072320-DUP	7/23/2020	<0.0078	U		<0.0057	U		<0.013	U		0.00094	J		<0.026	U		<0.0064	U		<0.0043	U		<0.0095	U	
	10 ft	VMP-52-10-102219	10/22/2019	<0.0078	U		<0.0057	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0095	U	
		VMP-52-10-042720	4/27/2020	<0.0076	U		<0.0056	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
		VMP-52-10-102219	10/22/2019	<0.0078	U		<0.0057	U		<0.013	U		0.0018	J		<0.026	U		<0.0064	U		<0.0042	U		<0.0095	U	
		VMP-52-10-012320	1/23/2020	<0.0077	U		<0.0056	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0094	U	
		VMP-52-10-042720	4/27/2020	<0.0081	U		<0.006	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.01	U	
	20 ft	VMP-52-20-102219	10/22/2019	<0.0078	U		<0.0057	U		<0.013	U		0.0021	J		<0.028	U		<0.007	U		<0.0046	U		<0.01	U	
		VMP-52-20-012320	1/23/2020	<0.0077	U		<0.0056	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0094	U	
		VMP-52-20-042720	4/27/2020	<0.0081	U		<0.006	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.01	U	
		VMP-52-20-042720	4/27/2020	<0.0081	U		<0.006	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.01	U	
		VMP-52-20-072320	7/23/2020	<0.0085	U		<0.0062	U		<0.014	U		0.0021	J		<0.028	U		<0.007	U		<0.0046	U		<0.01	U	
30 ft	VMP-52-30-102219	10/22/2019	<0.0076	U		<0.0056	U		<0.013	U		0.0015	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U		
	VMP-52-30-102219-DUP	10/22/2019	<0.0079	U		<0.0058	U		<0.013	U		0.0013	J		<0.026	U		<0.0065	U		0.0019	J		<0.0097	U		
	VMP-52-30-012320	1/23/2020	<0.0087	U		<0.0064	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U		<0.011	U		
	VMP-52-30-042720	4/27/2020	<0.0078	U		<0.0057	U		<0.013	U		0.0014	J		<0.026	U		<0.0064	U		<0.0043	U		<0.0095	U		
	VMP-52-30-042720-DUP	4/27/2020	<0.0079	U		<0.0058	U		<0.013	U		0.0012	J		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U		
VMP-52-30-072320	7/23/2020	<0.0084	U		<0.0061	U		<0.014	U		0.0023	J		<0.028	U		<0.0069	U		<0.0046	U		<0.01	U			
VMP-53	5 ft	VMP-53-5-101819	10/18/2019	<0.0074	U		<0.0054	U		<0.012	U		<0.0057	U		<0.024	U		<0.0061	U		<0.004	U		<0.009	U	
		VMP-53-5-012220	1/22/2020	<0.0089	U		<0.0065	U		<0.015	U		<0.0069	U		<0.029	ND,UJ	UJ	<0.0073	U		<0.0048	U		<0.011	U	
		VMP-53-5-042220	4/22/2020	<0.008	U		<0.0059	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U	
		VMP-53-5-072220	7/22/2020	<0.0075	U		<0.0055	U		<0.013	U		0.00063	J		<0.025	U		<0.0062	U		<0.0041	U		<0.0092	U	
		VMP-53-5-072220	7/22/2020	<0.0075	U		<0.0055	U		<0.013	U		0.00063	J		<0.025	U		<0.0062	U		<0.0041	U		<0.0092	U	
	10 ft	VMP-53-10-101819	10/18/2019	<0.0086	U		<0.0063	U		<0.014	U		0.0013	J		<0.028	U		<0.0071	U		<0.0047	U		<0.01	U	

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dibromoethane		
				0.21			69			0.11												0.0078					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (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-54-5-102219	10/22/2019	<0.0081	U		<0.0059	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0099	U	
		VMP-54-5-012220	1/22/2020	<0.01	U		<0.0077	U		<0.018	U		<0.0082	U		<0.034	U		<0.0087	U		<0.0058	U		<0.013	U	
		VMP-54-5-042720	4/27/2020	<0.0083	U		<0.0061	U		<0.014	U		0.0016	J		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
		VMP-54-5-052120	5/21/2020	<0.0076	U		<0.0056	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
		VMP-54-5-072220	7/22/2020	<0.008	U		<0.0058	U		<0.013	U		0.00036	J		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U	
	10 ft	VMP-54-10-102219	10/22/2019	<0.0078	U		<0.0057	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0095	U	
		VMP-54-10-031220	3/12/2020	<0.0078	U		<0.0057	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0043	U		<0.0095	U	
		VMP-54-10-042720	4/27/2020	<0.0085	U		<0.0062	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.01	U	
		VMP-54-10-072220	7/22/2020	<0.0084	U		<0.0061	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U		<0.0046	U		<0.01	U	
	20 ft	VMP-54-20-102219	10/22/2019	<0.0083	U		<0.0061	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
		VMP-54-20-012220	1/22/2020	<0.0081	U		<0.006	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.01	U	
		VMP-54-20-042720	4/27/2020	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
30 ft	VMP-54-30-102219	10/22/2019	<0.0091	U		<0.0066	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U		<0.005	U		<0.011	U		
	VMP-54-30-012220	1/22/2020	<0.0095	U		<0.007	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U		<0.0052	U		<0.012	U		
	VMP-54-30-042720	4/27/2020	<0.0083	U		<0.0061	U		<0.014	U		0.0045	J		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U		
	VMP-54-30-072220	7/22/2020	<0.0082	U		<0.006	U		<0.014	U		0.0007	J		<0.027	U		<0.0068	U		0.0025	J		<0.01	U		
VMP-56	10 ft	VMP-56-10-102119	10/21/2019	<0.0069	U		<0.0051	U		<0.012	U		0.00084	J		<0.023	U		<0.0057	U		<0.0038	U		<0.0084	U	
		VMP-56-10-012220	1/22/2020	<0.0089	U		<0.0065	U		<0.015	U		<0.0069	U		<0.029	ND,UJ	UJ	<0.0073	U		<0.0049	U		<0.011	U	
		VMP-56-10-042420	4/24/2020	<0.0082	U		<0.006	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
		VMP-56-10-072320	7/23/2020	<0.0081	U		<0.006	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		0.038			<0.01	U	
		VMP-56-10-072320-DUP	7/23/2020	<0.0087	U		<0.0064	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		0.039			<0.011	U	
	25 ft	VMP-56-25-102119	10/21/2019	<0.0081	U		<0.0059	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		0.0028	J		<0.0099	U	
		VMP-56-25-012220	1/22/2020	<0.0081	U		<0.006	U		<0.014	U		<0.0063	U		<0.027	ND,UJ	UJ	<0.0067	U		<0.0044	U		<0.01	U	
VMP-62	5 ft	VMP-62-5-102319	10/23/2019	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
		VMP-62-5-012920	1/29/2020	<0.0076	U		<0.0055	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U		<0.0041	U		<0.0092	U	
		VMP-62-5-042820	4/28/2020	<0.0085	U		<0.0062	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.01	U	
		VMP-62-5-072720	7/27/2020	<0.0077	U		<0.0056	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0094	U	
	10 ft	VMP-62-10-102319	10/23/2019	<0.0081	U		<0.0059	U		<0.014	U		0.014			<0.027	U		<0.0067	U		<0.0044	U		<0.0099	U	
		VMP-62-10-012920	1/29/2020	<0.008	U		<0.0059	U		<0.013	U		0.014			<0.026	U	UJ	<0.0066	U		<0.0044	U		<0.0098	U	
		VMP-62-10-042820	4/28/2020	<0.0094	U		<0.0069	U		<0.016	U		0.036			<0.031	U		<0.0077	U		<0.0051	U		<0.011	U	
		VMP-62-10-072720	7/27/2020	<0.0071	U		<0.0052	U		<0.012	U		0.019			<0.023	U		<0.0058	U		<0.0039	U		<0.0086	U	
	20 ft	VMP-62-20-102319	10/23/2019	<0.0078	U		<0.0057	U		<0.013	U		0.026			<0.026	U		<0.0064	U		<0.0042	U		<0.0095	U	
		VMP-62-20-012920	1/29/2020	<0.009	U		<0.0066	U		<0.015	U		0.0084			<0.03	U		<0.0074	U		<0.0049	U		<0.011	U	
		VMP-62-20-042820	4/28/2020	<0.0086	U		<0.0063	U		<0.014	U		0.041			<0.028	U		<0.007	U		<0.0047	U		<0.01	U	
		VMP-62-20-042820-DUP	4/28/2020	<0.0086	U		<0.0063	U		<0.014	U		0.04			<0.028	U		<0.0071	U		<0.0047	U		<0.01	U	
30 ft	VMP-62-20-072720	7/27/2020	<0.0073	U		<0.0053	U		<0.012	U		0.021			<0.024	U		<0.006	U		<0.004	U		<0.0089	U		
	VMP-62-30-102319	10/23/2019	<0.0085	U		<0.0062	U		<0.014	U		0.0032	J		<0.028	U		<0.007	U		<0.0046	U		<0.01	U		
	VMP-62-30-012920	1/29/2020	<0.0085	U		<0.0062	U		<0.014	U		0.0088			<0.028	U	UJ	<0.007	U		<0.0046	U		<0.01	U		
	VMP-62-30-042820	4/28/2020	<0.0091	U		<0.0066	U		<0.015	U		0.0035	J		<0.03	U		<0.0075	U		<0.005	U		<0.011	U		
VMP-62-30-072720	7/27/2020	<0.0074	U		<0.0054	U		<0.012	U		0.0087			<0.024	U		<0.0061	U		<0.004	U		<0.009	U			

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dibromoethane		
				0.21			69			0.11												0.0078					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-102419	10/24/2019	<0.0073	U		<0.0054	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.009	U	
		VMP-63-5-102419-DUP	10/24/2019	<0.0078	U		<0.0057	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0095	U	
		VMP-63-5-012720	1/27/2020	<0.0085	U		<0.0062	U		<0.014	U		<0.0066	U		<0.028	U	UJ	<0.007	U		<0.0046	U		<0.01	U	
		VMP-63-5-012720-DUP	1/27/2020	<0.009	U		<0.0066	U		<0.015	U		<0.007	U		<0.029	U	UJ	<0.0074	U		<0.0049	U		<0.011	U	
		VMP-63-5-042420	4/24/2020	<0.0076	U		<0.0055	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U		<0.0041	U		<0.0092	U	
	VMP-63-5-072820	7/28/2020	<0.0079	U		<0.0058	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U		0.00057	J		<0.0096	U		
	10 ft	VMP-63-10-102419	10/24/2019	<0.0072	U		<0.0053	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U		<0.0039	U		<0.0088	U	
		VMP-63-10-012720	1/27/2020	<0.0076	U		<0.0055	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U		<0.0041	U		<0.0092	U	
		VMP-63-10-042420	4/24/2020	<0.0085	U		<0.0062	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.01	U	
		VMP-63-10-072820	7/28/2020	<0.0084	U		<0.0062	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U		<0.0046	U		<0.01	U	
	20 ft	VMP-63-20-102419	10/24/2019	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
		VMP-63-20-012720	1/27/2020	<0.0086	U		<0.0063	U		<0.014	U		<0.0067	U		<0.028	U	UJ	<0.0071	U		<0.0047	U		<0.01	U	
		VMP-63-20-042420	4/24/2020	<0.0076	U		<0.0055	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U		<0.0041	U		<0.0092	U	
		VMP-63-20-072820	7/28/2020	<0.0077	U		<0.0056	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0094	U	
		VMP-63-30-102419	10/24/2019	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
30 ft	VMP-63-30-012720	1/27/2020	<0.0086	U		<0.0063	U		<0.014	U		<0.0067	U		<0.028	U	UJ	<0.0071	U		<0.0047	U		<0.01	U		
	VMP-63-30-042420	4/24/2020	<0.008	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U		
	VMP-63-30-072820	7/28/2020	<0.0077	U		<0.0056	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0094	U		
	VMP-63-30-072820-DUP	7/28/2020	<0.0073	U		<0.0054	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.009	U		
VMP-64	5 ft	VMP-64-5-102319	10/23/2019	<0.0078	U		<0.0057	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0095	U	
		VMP-64-5-012820	1/28/2020	<0.0086	U		<0.0063	U		<0.014	U		0.0012	J		<0.028	U		<0.007	U		<0.0047	U		<0.01	U	
		VMP-64-5-042420	4/24/2020	<0.008	U		<0.0059	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U	
		VMP-64-5-072420	7/24/2020	<0.0077	U		<0.0056	U		<0.013	U		0.0018	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0094	U	
	10 ft	VMP-64-10-102319	10/23/2019	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
		VMP-64-10-012820	1/28/2020	<0.0085	U		<0.0062	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.01	U	
		VMP-64-10-042420	4/24/2020	<0.0072	U		<0.0052	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U		<0.0039	U		<0.0088	U	
		VMP-64-10-072420	7/24/2020	<0.0078	U		<0.0057	U		<0.013	U		0.00098	J		<0.026	U		<0.0064	U		<0.0043	U		<0.0096	U	
	20 ft	VMP-64-20-102319	10/23/2019	<0.0081	U		<0.0059	U		<0.014	U		0.0013	J		<0.027	U		<0.0067	U		<0.0044	U		<0.0099	U	
		VMP-64-20-012820	1/28/2020	<0.0091	U		<0.0066	U		<0.015	U		0.0011	J		<0.03	U		<0.0075	U		<0.005	U		<0.011	U	
		VMP-64-20-042420	4/24/2020	<0.0079	U		<0.0058	U		<0.013	U		0.00064	J		<0.026	U		<0.0065	U		<0.0043	U		<0.0096	U	
		VMP-64-20-042420-DUP	4/24/2020	<0.0077	U		<0.0056	U		<0.013	U		0.00066	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0094	U	
VMP-64-20-072420	7/24/2020	<0.0078	U		0.0022	J		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0043	U		<0.0095	U			
VMP-64-20-072420-DUP	7/24/2020	<0.0078	U		<0.0057	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U		<0.0043	U		<0.0096	U			

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

Location	Depth	Sample ID	Sample Date	1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene			cis-1,2-Dichloroethene					
				290						1200			270			690			0.099			240			1100000					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (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-1-5-102419	10/24/2019	<0.0076	U		<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U		0.0014	J		<0.005	U		<0.005	U		<0.005	U	
		VMP-1-5-012720	1/27/2020	<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U		<0.0049	U	
		VMP-1-5-042420	4/24/2020	<0.0079	U		<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.0052	U	
		VMP-1-5-072820	7/28/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.0047	U	
	8.5 ft	VMP-1-8.5-102419	10/24/2019	<0.017	U		<0.017	U		<0.017	U		0.0018	J		<0.011	U		<0.011	U		<0.011	U		0.0049	J		0.0049	J	
		VMP-1-8.5-102419-DUP	10/24/2019	<0.0076	U		<0.0076	J	U	<0.0076	U		0.0024	J		<0.0051	U		0.00072	J		<0.005	U		<0.005	U		<0.005	U	
		VMP-1-8.5-111519R	11/15/2019	<0.0076	U		<0.0076	U		<0.0076	U		<0.0063	U		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U		<0.005	U	
		VMP-1-8.5-012720	1/27/2020	<0.0086	U		<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.0057	U	
	23.5 ft	VMP-1-8.5-042420	4/24/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.0051	U	
		VMP-1-8.5-072820	7/28/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U		<0.005	U	
		VMP-1-23.5-102419	10/24/2019	<0.0073	U		<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.0048	U	
		VMP-1-23.5-012720	1/27/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U		<0.005	U	
38.5 ft	VMP-1-23.5-042420	4/24/2020	<0.0071	U		<0.0071	U		<0.0071	U		0.0023	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.0047	U		
	VMP-1-23.5-072820	7/28/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.0052	U		
	VMP-1-38.5-012720	1/27/2020	<0.0077	U		<0.0077	U		<0.0077	U		<0.0063	U		<0.0052	U		<0.0052	U		<0.005	U		<0.005	U		<0.005	U		
	VMP-1-38.5-072820	7/28/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U		<0.005	U		
VMP-2	5 ft	VMP-2-5-102119	10/21/2019	<0.007	U		<0.007	U		<0.007	U		0.0035	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.0046	U		<0.0046	U	
		VMP-2-5-012420	1/24/2020	<0.008	U		<0.008	U		<0.008	U		<0.0066	U		<0.0054	U		<0.0054	U		<0.0052	U		<0.0052	U		<0.0052	U	
		VMP-2-5-042420	4/24/2020	<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.0053	U	
		VMP-2-5-072420	7/24/2020	<0.0069	U		<0.0069	U		<0.0069	U		0.0028	J		<0.0046	U		<0.0046	U		<0.0046	U		<0.0046	U		<0.0046	U	
	8.5 ft	VMP-2-8.5-102119	10/21/2019	<0.0072	U		<0.0072	U		<0.0072	U		0.0028	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.0047	U	
		VMP-2-8.5-012420	1/24/2020	<0.0083	U		<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.0055	U	
		VMP-2-8.5-042420	4/24/2020	<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.0052	U	
		VMP-2-8.5-072420	7/24/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0031	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.0047	U	
	22 ft	VMP-2-22-102119	10/21/2019	<0.0073	U		<0.0073	U		<0.0073	U		0.0038	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.0048	U	
		VMP-2-22-012420	1/24/2020	<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0056	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.0055	U	
		VMP-2-22-042420	4/24/2020	<0.0085	U		<0.0085	U		<0.0085	U		0.0023	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.0056	U	
		VMP-2-22-042420-DUP	4/24/2020	<0.0085	U		<0.0085	U		<0.0085	U		0.0026	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.0056	U	
VMP-2-22-072420	7/24/2020	<0.0077	U		<0.0077	U		<0.0077	U		0.0049	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.0051	U			
VMP-3	5 ft	VMP-3-5-101819	10/18/2019	<0.0075	U		<0.0075	J	U	<0.0075	U		0.0023	J		<0.005	U		<0.005	U		<0.005	U		<0.005	U		<0.005	U	
		VMP-3-5-012720	1/27/2020	<0.01	U		<0.01	U		<0.01	U		<0.0084	U		<0.0069	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.0068	U	
		VMP-3-5-012720-DUP	1/27/2020	<0.0082	U		<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.0054	U	
		VMP-3-5-042920	4/29/2020	<0.0081	U		<0.0081	U		<0.0081	U		0.0024	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.0054	U	
	10 ft	VMP-3-5-072920	7/29/2020	<0.008	U		<0.008	U		<0.008	U		0.0022	J		0.0023	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.0053	U	
		VMP-3-10-101819	10/18/2019	<0.0089	U		<0.0089	U		<0.0089	U		0.0022	J		<0.006	U		<0.006	U		<0.0059	U		<0.0059	U		<0.0059	U	
		VMP-3-10-022120	2/21/2020	<0.0069	U		<0.0069	U		<0.0069	U		0.0031	J		<0.0046	U		<0.0046	U		<0.0046	U		<0.0046	U		<0.0046	U	
		VMP-3-10-072920	7/29/2020	<0.0076	U		0.00074	J		<0.0076	J	U	0.0018	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U		<0.005	U	
	22 ft	VMP-3-22-101819	10/18/2019	<0.0076	U		<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U		<0.005	U	
		VMP-3-22-012720	1/27/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0033	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.0051	U	
		VMP-3-22-042920	4/29/2020	<0.0086	U		<0.0086	U		<0.0086	U		0.0022	J		<0.0058	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.0057	U	
		VMP-3-22-072920	7/29/2020	<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.0052	U	
31.5 ft	VMP-3-31.5-101819	10/18/2019	<22	U		<22	U		<22	U		<18	U		<15	U		<15	U		<14	U		<14	U		<14	U		
	VMP-3-31.5-101819-DUP	10/1																												

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

Location	Depth	Sample ID	Sample Date	1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene			cis-1,2-Dichloroethene		
				290						1200			270			690			0.099			240			1100000		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-4	5 ft	VMP-4-5-102119	10/21/2019	<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-4-5-012320	1/23/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-4-5-042820	4/28/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-4-5-073020	7/30/2020	<0.0074	U		<0.0074	U		<0.0074	J	U	0.0022	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-4-5-073020-DUP	7/30/2020	<0.0077	U		<0.0077	U		<0.0077	U		0.0023	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
	12 ft	VMP-4-12-102119	10/21/2019	<0.0076	U		<0.0076	U		<0.0076	U		0.0029	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
		VMP-4-12-012320	1/23/2020	<0.0076	U		<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
		VMP-4-12-042820	4/28/2020	<0.0081	U		<0.0081	U		<0.0081	U		0.0026	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U	
		VMP-4-12-073020	7/30/2020	<0.0075	U		<0.0075	U		<0.0075	U		0.0024	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
	23.5 ft	VMP-4-23.5-102119	10/21/2019	<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-4-23.5-012320	1/23/2020	<0.0081	U		<0.0081	U		<0.0081	U		<0.0066	U		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U	
		VMP-4-23.5-042820	4/28/2020	<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-4-23.5-073020	7/30/2020	<0.0077	U		<0.0077	U		<0.0077	U		0.002	J		<0.0052	U		<0.0052	U		<0.005	U		<0.005	U	
VMP-5	5 ft	VMP-5-5-102119	10/21/2019	<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-5-5-012820	1/28/2020	<0.0068	U		<0.0068	U		<0.0068	U		0.003	J		<0.0046	U		<0.0046	U		<0.0045	U		<0.0045	U	
		VMP-5-5-042720	4/27/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U	
		VMP-5-5-072320	7/23/2020	<0.0077	U		<0.0077	U		<0.0077	U		0.0018	J		<0.0052	U		<0.0052	U		<0.0051	U		0.0013	J	
	12.5 ft	VMP-5-12.5-102119	10/21/2019	<0.0067	U		<0.0067	U		<0.0067	U		<0.0055	U		<0.0045	U		<0.0045	U		<0.0044	U		<0.0044	U	
		VMP-5-12.5-012820	1/28/2020	<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-5-12.5-042720	4/27/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.002	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-5-12.5-072320	7/23/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
	31 ft	VMP-5-31-102119	10/21/2019	<0.0087	U		<0.0087	U		<0.0087	U		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-5-31-012820	1/28/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
		VMP-5-31-042720	4/27/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
		VMP-5-31-072320	7/23/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-5-31-072320-DUP	7/23/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
VMP-6	5 ft	VMP-6-5-102519	10/25/2019	<0.0073	U		<0.0073	U		<0.0073	U		0.002	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-6-5-012320	1/23/2020	<0.0087	U		<0.0087	U		<0.0087	U		0.0037	J		<0.0059	U		<0.0059	U		<0.0057	U		<0.0057	U	
		VMP-6-5-042720	4/27/2020	<0.0081	U		<0.0081	U		<0.0081	U		0.0019	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U	
		VMP-6-5-072220	7/22/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
	10 ft	VMP-6-10-102519	10/25/2019	<0.0076	U		<0.0076	U		<0.0076	U		0.0018	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
		VMP-6-10-012320	1/23/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-6-10-042720	4/27/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-6-10-072220	7/22/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.003	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
	31.5 ft	VMP-6-31.5-102519	10/25/2019	<0.0076	U		<0.0076	U		<0.0076	U		0.002	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
		VMP-6-31.5-022120	2/21/2020	<0.0068	U		<0.0068	U		<0.0068	U		0.0028	J		<0.0046	U		<0.0046	U		<0.0045	U		<0.0045	U	
		VMP-6-31.5-042720	4/27/2020	<0.0083	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.0055	U	
		VMP-6-31.5-072220	7/22/2020	<0.0082	U		<0.0082	U		<0.0082	U		0.0032	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U	
VMP-7	5 ft	VMP-7-5-102419	10/24/2019	<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U	
		VMP-7-5-012720	1/27/2020	<0.0077	U		<0.0077	U		<0.0077	U		<0.0064	U		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-7-5-042720	4/27/2020	<0.0085	U		<0.0085	U		<0.0085	U		0.0021	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U	
		VMP-7-5-073020	7/30/2020	<0.0073	U		0.00063	J		0.0006	J		0.0023	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
	13.5 ft	VMP-7-13.5-102419	10/24/2019	<0.0069	U		<0.0069	U		<0.0069	U		0.0022	J		<0.0046	U		<0.0046	U		<0.0045	U		<0.0045	U	
		VMP-7-13.5-012720	1/27/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.0038	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-7-13.5-042720	4/27/2020	<0.0085	J	U	<0.0085	J	U	<0.0085	J	U	0.0027	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U	
		VMP-7-13.5-073020	7/30/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0028	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
	29.5 ft	VMP-7-29.5-102419	10/24/201																								

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

Location	Depth	Sample ID	Sample Date	1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene			cis-1,2-Dichloroethene				
				290						1200			270			690			0.099			240			1100000				
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals
VMP-8	5 ft	VMP-8-5-101819	10/18/2019	<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U			
		VMP-8-5-012220	1/22/2020	<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0056	U		<0.0056	U		<0.0055	U		<0.0055	U			
		VMP-8-5-012220-DUP	1/22/2020	<0.0085	U		<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U			
		VMP-8-5-042220	4/22/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0021	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U			
		VMP-8-5-072220	7/22/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U			
	9.5 ft	VMP-8-9.5-101819	10/18/2019	<0.0072	U		<0.0072	U		<0.0072	U		0.0021	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U			
		VMP-8-9.5-012220	1/22/2020	<0.0083	U		<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U		<0.0054	U		<0.0054	U			
		VMP-8-9.5-042220	4/22/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U			
		VMP-8-9.5-072220	7/22/2020	<0.0077	U		<0.0077	U		<0.0077	U		0.0027	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U			
	23.5 ft	VMP-8-9.5-072220-DUP	7/22/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0027	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U			
		VMP-8-23.5-101819	10/18/2019	<0.0076	U		<0.0076	U		<0.0076	U		0.0021	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U			
		VMP-8-23.5-012220	1/22/2020	<0.008	U		<0.008	U		<0.008	U		<0.0066	U		<0.0054	U		<0.0054	U		<0.0052	U		<0.0052	U			
VMP-8-23.5-042220		4/22/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U				
35.5 ft	VMP-8-23.5-072220	7/22/2020	<0.0071	U		<0.0071	U		<0.0071	U		0.0031	J		<0.0048	U		<0.0048	U		0.0007	J		0.0057					
	VMP-8-35.5-101819	10/18/2019	<0.0071	U		<0.0071	U		<0.0071	U		0.0023	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U				
	VMP-8-35.5-012220	1/22/2020	<0.0081	U		<0.0081	U		<0.0081	U		<0.0067	U		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U				
	VMP-8-35.5-042220	4/22/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U				
VMP-9	5 ft	VMP-8-35.5-072220	7/22/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.0034	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U			
		VMP-9-5-102519	10/25/2019	<0.0075	U		<0.0075	U		<0.0075	U		0.0018	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U			
		VMP-9-5-012220	1/22/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U			
		VMP-9-5-042220	4/22/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.002	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U			
		VMP-9-5-072220	7/22/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0028	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U			
	11.5 ft	VMP-9-5-072220-DUP	7/22/2020	<0.0077	U		<0.0077	U		<0.0077	U		0.0027	J		<0.0052	U		<0.0052	U		<0.0051	U		0.0037	J			
		VMP-9-11.5-102519	10/25/2019	<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U			
		VMP-9-11.5-012220	1/22/2020	<0.0076	U		<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U			
		VMP-9-11.5-042220	4/22/2020	<0.0079	U		<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U			
		VMP-9-11.5-072220	7/22/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0033	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U			
25.5 ft	VMP-9-25.5-102519	10/25/2019	<0.0082	U		<0.0082	U		<0.0082	U		0.0025	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U				
	VMP-9-25.5-012220	1/22/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U				
	VMP-9-25.5-042220	4/22/2020	<0.007	U		<0.007	U		<0.007	U		0.0021	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.0046	U				
	VMP-9-25.5-042220-DUP	4/22/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U				
	VMP-9-25.5-072220	7/22/2020	<0.0077	U		<0.0077	U		<0.0077	U		0.0039	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U				
VMP-18	8.5 ft	VMP-18-8.5-102319	10/23/2019	<0.0076	U		<0.0076	U		<0.0076	U		0.003	J	J	<0.0051	U		<0.0051	U		<0.005	U		<0.005	U			
		VMP-18-8.5-102319-DUP	10/23/2019	<0.0078	U		<0.0078	U		<0.0078	U		0.0029	J	J	<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U			
		VMP-18-8.5-012420	1/24/2020	<0.0089	U		<0.0089	U		<0.0089	U		<0.0073	U		<0.006	U		<0.006	U		<0.0059	U		<0.0059	U			
		VMP-18-8.5-042920	4/29/2020	<0.0071	U		<0.0071	U		<0.0071	U		0.0022	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U			
		VMP-18-8.5-042920-DUP	4/29/2020	<0.0067	U		<0.0067	U		<0.0067	U		0.0021	J		<0.0045	U		<0.0045	U		<0.0044	U		<0.0044	U			
VMP-19	5 ft	VMP-19-5-111519R	11/15/2019	<0.0076	U		<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U			
		VMP-19-5-022120	2/21/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.0031	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U			
		VMP-19-5-043020	4/30/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U			
		VMP-19-5-043020-DUP	4/30/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U			
VMP-20	5 ft	VMP-19-5-072720	7/27/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0021	J		<0.0048	U		<0.0048	U		<0.0048	U		0.0017	J			
		VMP-20-5-102319	10/23/2019	<0.007	U		<0.007	U		<0.007	U		0.0031	J	J	<0.0047	U		<0.0047	U		<0.0046	U		<0.0046	U			
		VMP-20-5-012420	1/24/2020	<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U			
		VMP-20-5-022120	2/21/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U			
		VMP-20-5-042420	4/24/2020	<0.0077	U		<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U		<0.005	U		<0.005	U			
	10 ft	VMP-20-5-072320	7/23/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U			
		VMP-20-10-102319	10/23/2019	<0.007	U		<0.007	U		<0.007	U		0.0027	J	J	<0.0047	U		<0.0047	U		<0.0046	U		<0.0046	U			
		VMP-20-10-012420	1/24/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0032	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U			
		VMP-20-10-042420	4/24/2020	<0.0077	U		<0.0077	U		<0.0077	U		0.0025	J		<0.0052	U		<0.0052	U		<0.005	U		<0.005	U			
		VMP-20-10-072320	7/23/2020	<0.0075</																									

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

Location	Depth	Sample ID	Sample Date	1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene			cis-1,2-Dichloroethene		
				290						1200			270			690			0.099			240			1100000		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-21	5 ft	VMP-21-5-102319	10/23/2019	<0.0087	U		<0.0087	U		<0.0087	U		0.0024	J		<0.0058	U		<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-21-5-012220	1/22/2020	<0.0082	U		<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U	
		VMP-21-5-042320	4/23/2020	<0.0085	U		<0.0085	U		<0.0085	U		0.0031	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U	
		VMP-21-5-072420	7/24/2020	<0.0077	U		<0.0077	U		<0.0077	U		0.0029	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
	10 ft	VMP-21-10-102319	10/23/2019	<0.0072	U		<0.0072	U		<0.0072	U		0.0031	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U	
		VMP-21-10-102319-DUP	10/23/2019	<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-21-10-012220	1/22/2020	<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U	
		VMP-21-10-042320	4/23/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U		<0.0048	U		<0.0048	U	
	25 ft	VMP-21-10-072420	7/24/2020	<0.0069	U		<0.0069	U		<0.0069	U		0.0025	J		<0.0046	U		<0.0046	U		<0.0046	U		<0.0046	U	
		VMP-21-25-102319	10/23/2019	<0.0073	U		<0.0073	U		<0.0073	U		0.003	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-21-25-012220	1/22/2020	<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0056	U		<0.0056	U		<0.0055	U		<0.0055	U	
		VMP-21-25-042320	4/23/2020	<0.0084	U		<0.0084	U		<0.0084	U		0.0026	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.0055	U	
33 ft	VMP-21-25-072420	7/24/2020	<0.008	U		<0.008	U		<0.008	U		0.0032	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U		
	VMP-21-33-102319	10/23/2019	<0.007	U		<0.007	U		<0.007	U		0.0032	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.0046	U		
	VMP-21-33-012220	1/22/2020	<0.0086	U		<0.0086	U		<0.0086	U		<0.007	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.0056	U		
	VMP-21-33-042320	4/23/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U		
VMP-22	5 ft	VMP-21-33-072420	7/24/2020	<0.0079	U		<0.0079	U		<0.0079	U		0.0032	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-22-5-102319	10/23/2019	<0.0073	U		<0.0073	U		<0.0073	U		0.0031	J	J	<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-22-5-012320	1/23/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.003	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-22-5-042820	4/28/2020	<0.0077	U		<0.0077	U		<0.0077	U		0.0023	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
	10 ft	VMP-22-5-072320	7/23/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.002	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-22-10-102319	10/23/2019	<0.0074	U		<0.0074	U		<0.0074	U		0.0036	J	J	<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-22-10-012320	1/23/2020	<0.0081	U		<0.0081	U		<0.0081	U		<0.0066	U		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U	
		VMP-22-10-042820	4/28/2020	<0.0069	U		<0.0069	U		<0.0069	U		0.0025	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.0046	U	
	18 ft	VMP-22-10-072320	7/23/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-22-18-102319	10/23/2019	<0.0074	U		<0.0074	U		<0.0074	U		0.003	J	J	<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-22-18-012320	1/23/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-22-18-042820	4/28/2020	<0.0077	U		<0.0077	U		<0.0077	U		0.0028	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
	38 ft	VMP-22-18-072320	7/23/2020	<0.0083	U		<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U		<0.0056	U		<0.0054	U		<0.0054	U	
		VMP-22-38-102319	10/23/2019	<0.0071	U		<0.0071	U		<0.0071	U		0.0034	J	J	<0.0048	U		<0.0048	U		<0.0046	U		<0.0046	U	
		VMP-22-38-012320	1/23/2020	<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-22-38-012320-DUP	1/23/2020	<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
VMP-23	5 ft	VMP-22-38-042820	4/28/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
		VMP-22-38-042820-DUP	4/28/2020	<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-23-5-102419	10/24/2019	<0.007	U		<0.007	U		<0.007	U		0.0021	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.0046	U	
		VMP-23-5-012820	1/28/2020	<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
	10 ft	VMP-23-5-042820	4/28/2020	<0.0075	U		<0.0075	U		<0.0075	U		0.0026	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-23-5-072320	7/23/2020	<0.0077	U		<0.0077	U		<0.0077	U		0.0024	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-23-10-102419	10/24/2019	<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-23-10-012820	1/28/2020	<0.0072	U		<0.0072	U		<0.0072	U		<0.006	U		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
25 ft	VMP-23-10-042820	4/28/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.0028	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U		
	VMP-23-10-072320	7/23/2020	<0.0082	U		<0.0082	J	U	<0.0082	J	U	0.0024	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U		
	VMP-23-25-102419	10/24/2019	<0.0078	U		<0.0078	U		<0.0078	U		0.0021	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U		
	VMP-23-25-012820	1/28/2020	<0.0066	U		<0.0066	U		<0.0066	U		0.0034	J		<0.0045	U		<0.0045	U		<0.0044	U		<0.0044	U		
25 ft	VMP-23-25-012820-DUP	1/28/2020	<0.0067	U		<0.0067	U		<0.0067	U		0.0036	J		<0.0045	U		<0.0045	U		<0.0044	U		<0.0044	U		
	VMP-23-25-042820	4/28/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U		
	VMP-23-25-042820-DUP	4/28/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0031	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U		
	VMP-23-25-072320	7/23/2020	<0.008	U		<0.008	U		<0.008	U		0.0022	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U		

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

Location	Depth	Sample ID	Sample Date	1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene			cis-1,2-Dichloroethene		
				290			1200			270			690			0.099			240			1100000					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-102219	10/22/2019	<0.0074	U		<0.0074	U		<0.0074	U		0.0029	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-24-5-012320	1/23/2020	<0.0089	U		<0.0089	U		<0.0089	U		<0.0073	U		<0.006	U		<0.006	U		<0.0059	U		<0.0059	U	
		VMP-24-5-012320-DUP	1/23/2020	<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-24-5-042220	4/22/2020	<0.0079	U		<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
	VMP-24-5-072220	7/22/2020	<0.0075	U		<0.0075	U		<0.0075	U		0.0027	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U		
	10 ft	VMP-24-10-102219	10/22/2019	<0.0069	U		<0.0069	U		<0.0069	U		0.0026	J		<0.0046	U		<0.0046	U		<0.0045	U		<0.0045	U	
		VMP-24-10-012320	1/23/2020	<0.009	U		<0.009	U		<0.009	U		<0.0031	J		<0.006	U		<0.006	U		<0.0059	U		<0.0059	U	
		VMP-24-10-042220	4/22/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
		VMP-24-10-072220	7/22/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.003	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
	22 ft	VMP-24-22-102219	10/22/2019	<0.007	U		<0.007	U		<0.007	U		0.0026	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.0046	U	
		VMP-24-22-012320	1/23/2020	<0.0082	U		<0.0082	U		<0.0082	U		0.0026	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U	
		VMP-24-22-042220	4/22/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
VMP-24-22-042220-DUP		4/22/2020	<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U		
VMP-24-22-072220	7/22/2020	<0.0071	U		<0.0071	U		<0.0071	U		0.003	J		<0.0048	U		<0.0048	U		<0.0046	U		<0.0046	U			
34 ft	VMP-24-34-102219	10/22/2019	<0.0066	U		<0.0066	U		<0.0066	U		0.003	J		<0.0044	U		<0.0044	U		<0.0044	U		<0.0044	U		
	VMP-24-34-012320	1/23/2020	<0.0085	U		<0.0085	U		<0.0085	U		0.0028	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U		
	VMP-24-34-042220	4/22/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U		
	VMP-24-34-072220	7/22/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0036	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U		
VMP-32	5 ft	VMP-32-5-102419	10/24/2019	<0.0074	U		<0.0074	U		<0.0074	U		0.0019	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-32-5-012820	1/28/2020	<0.011	U		<0.011	U		<0.011	U		0.0022	J		<0.0077	U		<0.0077	U		<0.0075	U		<0.0075	U	
		VMP-32-5-042920	4/29/2020	<0.0082	U		<0.0082	U		<0.0082	U		0.0024	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U	
		VMP-32-5-072920	7/29/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
	10 ft	VMP-32-10-102419	10/24/2019	<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-32-10-012820	1/28/2020	<0.0081	U		<0.0081	U		<0.0081	U		0.0021	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U	
		VMP-32-10-042920	4/29/2020	<0.0082	U		<0.0082	U		<0.0082	U		0.0029	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U	
		VMP-32-10-072920	7/29/2020	<0.0079	U		<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U		0.0016	J		<0.0052	U		<0.0052	U	
	20 ft	VMP-32-20-012820	1/28/2020	<0.0081	U		<0.0081	U		<0.0081	U		0.0023	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U	
		VMP-32-20-042920	4/29/2020	<0.0083	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.0055	U	
		VMP-32-20-072920	7/29/2020	<0.0075	U		<0.0075	U		<0.0075	U		0.0026	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
	30 ft	VMP-32-30-102419	10/24/2019	<0.0076	U		<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
VMP-32-30-012820		1/28/2020	<0.0087	U		<0.0087	U		<0.0087	U		0.0021	J		<0.0058	U		<0.0058	U		<0.0057	U		<0.0057	U		
VMP-32-30-072920		7/29/2020	<0.008	U		<0.008	U		<0.008	U		0.0027	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U		
VMP-42	10 ft	VMP-42-10-102119	10/21/2019	<0.0067	U		<0.0067	U		<0.0067	U		0.0027	J		<0.0045	U		<0.0045	U		<0.0044	U		<0.0044	U	
		VMP-42-10-012720	1/27/2020	<0.0089	U		<0.0089	U		<0.0089	U		0.0031	J		<0.006	U		<0.006	U		<0.0059	U		<0.0059	U	
		VMP-42-10-042920	4/29/2020	<0.0089	U		<0.0089	U		<0.0089	U		0.0019	J		<0.006	U		<0.006	U		<0.0058	U		<0.0058	U	
		VMP-42-10-072820	7/28/2020	0.0016	J		0.00097	J		0.0012	J		0.0023	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
	20 ft	VMP-42-20-102119	10/21/2019	<0.0074	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-42-20-012720	1/27/2020	<0.0085	U		<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U	
		VMP-42-20-042920	4/29/2020	<0.0084	U		<0.0084	U		<0.0084	U		0.0025	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.0055	U	
		VMP-42-20-042920-DUP	4/29/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
	VMP-42-20-072820	7/28/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U		
	30 ft	VMP-42-30-102119	10/21/2019	<0.0066	U		<0.0066	U		<0.0066	U		0.0031	J		<0.0044	U		<0.0044	U		<0.0044	U		<0.0044	U	
		VMP-42-30-102119-DUP	10/21/2019	<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-42-30-012720	1/27/2020	<0.0086	U		<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U		<0.0057	U	
VMP-42-30-042920		4/29/2020	<0.0095	U		<0.0095	U		<0.0095	U		0.0032	J		<0.0064	U		<0.0064	U		<0.0062	U		<0.0062	U		
VMP-42-30-072820	7/28/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U			

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

Location	Depth	Sample ID	Sample Date	1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene			cis-1,2-Dichloroethene			
				290						1200			270			690			0.099			240			1100000			
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)
VMP-43	10 ft	VMP-43-10-102119	10/21/2019	<0.007	U		<0.007	U		<0.007	U		0.0028	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.0046	U		
		VMP-43-10-012720	1/27/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0033	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U		
		VMP-43-10-043020	4/30/2020	<0.0081	U		<0.0081	U		<0.0081	U		0.0022	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U		
		VMP-43-10-072820	7/28/2020	<0.0079	U		<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U		
	20 ft	VMP-43-20-102119	10/21/2019	<0.0074	U		<0.0074	U		<0.0074	U		0.0034	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U		
		VMP-43-20-012720	1/27/2020	<0.0082	U		<0.0082	U		<0.0082	U		0.0054	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U		
		VMP-43-20-043020	4/30/2020	<0.0083	U		<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.0055	U		
		VMP-43-20-072820	7/28/2020	<0.0082	U		<0.0082	U		<0.0082	U		0.0023	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U		
	30 ft	VMP-43-30-102119	10/21/2019	<0.0074	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U		
		VMP-43-30-102119-DUP	10/21/2019	<0.0074	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U		
		VMP-43-30-012720	1/27/2020	<0.0079	U		<0.0079	U		<0.0079	U		0.0044	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U		
		VMP-43-30-043020	4/30/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U		
VMP-43-30-072820	7/28/2020	<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U				
VMP-44	10 ft	VMP-44-10-102419	10/24/2019	<0.0069	U		<0.0069	U		<0.0069	U		0.0022	J		<0.0046	U		<0.0046	U		<0.0045	U		<0.0045	U		
		VMP-44-10-012720	1/27/2020	<0.0089	U		<0.0089	U		<0.0089	U		<0.0073	U		<0.006	U		<0.006	U		<0.0058	U		<0.0058	U		
		VMP-44-10-043020	4/30/2020	<0.007	U		<0.007	U		<0.007	U		0.0022	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.0046	U		
		VMP-44-10-072820	7/28/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U		
	20 ft	VMP-44-20-102419	10/24/2019	<0.007	U		<0.007	U		<0.007	U		0.0024	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.0046	U		
		VMP-44-20-012720	1/27/2020	<0.0086	U		<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U		<0.0057	U		
		VMP-44-20-043020	4/30/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U		
		VMP-44-20-072820	7/28/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U		
	30 ft	VMP-44-30-102419	10/24/2019	<0.0066	U		<0.0066	U		<0.0066	U		0.0018	J		<0.0044	U		<0.0044	U		<0.0044	U		<0.0044	U		
		VMP-44-30-012720	1/27/2020	<0.0072	U		<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.0048	U		
		VMP-44-30-012720-DUP	1/27/2020	<0.0074	U		<0.0074	U		<0.0074	U		<0.006	U		<0.005	U		<0.005	U		<0.0048	U		<0.0048	U		
		VMP-44-30-043020	4/30/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U		
VMP-45	10 ft	VMP-45-10-111519R	11/15/2019	<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U		
		VMP-45-10-012720	1/27/2020	<0.0075	U		<0.0075	U		<0.0075	U		0.0035	J		<0.005	U		<0.005	U		<0.005	U		<0.005	U		
		VMP-45-10-042720	4/27/2020	<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U		<0.0052	U		<0.0052	U		
		VMP-45-10-072820	7/28/2020	<0.0081	U		<0.0081	U		<0.0081	U		0.002	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U		
	20 ft	VMP-45-20-102419	10/24/2019	<0.0069	U		<0.0069	U		<0.0069	U		0.0019	J		<0.0046	U		<0.0046	U		<0.0045	U		<0.0045	U		
		VMP-45-20-012720	1/27/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.003	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U		
		VMP-45-20-042720	4/27/2020	<0.0075	U		<0.0075	U		<0.0075	U		0.0023	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U		
		VMP-45-20-072820	7/28/2020	<0.0082	U		<0.0082	U		<0.0082	U		0.0022	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U		
	30 ft	VMP-45-30-102419	10/24/2019	<0.0072	U		<0.0072	U		<0.0072	U		0.0017	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U		
		VMP-45-30-102419-DUP	10/24/2019	<0.0069	U		<0.0069	U		<0.0069	U		0.002	J		<0.0046	U		<0.0046	U		<0.0045	U		<0.0045	U		
		VMP-45-30-012720	1/27/2020	<0.0083	U		<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U		<0.0055	U		<0.0055	U		
		VMP-45-30-042720	4/27/2020	<0.0071	U		<0.0071	U		<0.0071	U		0.0023	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U		
VMP-45-30-072820	7/28/2020	<0.0088	U		<0.0088	U		<0.0088	U		0.00071	J		<0.006	U		<0.0059	U		<0.0058	U		<0.0058	U				
VMP-47	5 ft	VMP-47-5-102319	10/23/2019	<0.0076	U		<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U		
		VMP-47-5-012920	1/29/2020	<0.009	U		<0.009	U		<0.009	U		<0.0074	U		<0.006	U		<0.006	U		<0.0059	U		<0.0059	U		
		VMP-47-5-012920-DUP	1/29/2020	<0.0085	U		<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U		
		VMP-47-5-042820	4/28/2020	<0.0085	U		<0.0085	U		<0.0085	U		0.0024	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U		
	10 ft	VMP-47-5-072720	7/27/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.0037	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U		
		VMP-47-10-102319	10/23/2019	<0.0079	U		<0.0079	U		<0.0079	U		0.003	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U		
		VMP-47-10-012920	1/29/2020	<0.0081	U		<0.0081	U		<0.0081	U		<0.0067	U		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U		
		VMP-47-10-042820	4/28/2020	<0.0083	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.0055	U		
	20 ft	VMP-47-10-042820-DUP	4/28/2020	<0.0085	U		<0.0085	U		<0.0085	U		0.0025	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U		
		VMP-47-10-072720	7/27/2020	<0.0071	U		<0.0071	U		<0.0071	U		0.0033	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U		
		VMP-47-10-072720-DUP	7/27/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0034	J		<0.0048	U		<0.0048	U		<0.0048	U		<0.0048	U		
		VMP-47-20-102319	10/23/2019	<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U		
30 ft	VMP-47-20-012920	1/29/2020	<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U			
	VMP-47-20-042820	4/																										

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

Location	Depth	Sample ID	Sample Date	1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene			cis-1,2-Dichloroethene		
				290						1200			270			690			0.099			240			1100000		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-48	5 ft	VMP-48-5-102119	10/21/2019	<0.0076	U		<0.0076	U		<0.0076	U		0.0029	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
		VMP-48-5-012920	1/29/2020	<0.0087	U		<0.0087	U		<0.0087	U		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-48-5-042420	4/24/2020	<0.0088	U		<0.0088	U		<0.0088	U		0.0029	J		<0.0059	U		<0.0059	U		<0.0058	U		<0.0058	U	
		VMP-48-5-073020	7/30/2020	<0.0068	U		<0.0068	U		<0.0068	U		0.0023	J		<0.0046	U		<0.0046	U		<0.0045	U		0.00093	J	
	10 ft	VMP-48-10-102119	10/21/2019	<0.0072	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U	
		VMP-48-10-012920	1/29/2020	<0.0088	U		<0.0088	U		<0.0088	U		<0.0072	U		<0.0059	U		<0.0059	U		<0.0058	U		<0.0058	U	
		VMP-48-10-042420	4/24/2020	<0.0082	U		<0.0082	U		<0.0082	U		0.0028	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U	
		VMP-48-10-073020	7/30/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
	20 ft	VMP-48-20-102119	10/21/2019	<0.0072	U		<0.0072	U		<0.0072	U		0.0034	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U	
		VMP-48-20-102119	10/21/2019	<0.0078	U		<0.0078	U		<0.0078	U		0.0027	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-48-20-012920	1/29/2020	<0.0086	U		<0.0086	U		<0.0086	U		0.0031	J		<0.0058	U		<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-48-20-073020	7/30/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
VMP-49	5 ft	VMP-49-5-101819	10/18/2019	<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-49-5-012220	1/22/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.0034	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-49-5-042920	4/29/2020	<0.0089	U		<0.0089	U		<0.0089	U		0.0023	J		<0.006	U		<0.006	U		<0.0058	U		<0.0058	U	
		VMP-49-5-072420	7/24/2020	<0.0075	U		<0.0075	U		<0.0075	U		0.0029	J		<0.005	U		<0.005	U		<0.005	U		<0.005	U	
	10 ft	VMP-49-5-072420-DUP	7/24/2020	<0.008	U		<0.008	U		<0.008	U		0.0038	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U	
		VMP-49-10-101819	10/18/2019	<0.0072	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U	
		VMP-49-10-012220	1/22/2020	<0.0087	U		<0.0087	U		<0.0087	U		<0.0072	U		<0.0059	U		<0.0059	U		<0.0057	U		<0.0057	U	
		VMP-49-10-042920	4/29/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
	20 ft	VMP-49-10-072420	7/24/2020	<0.0084	U		<0.0084	U		<0.0084	U		0.0026	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U	
		VMP-49-20-101819	10/18/2019	<0.0083	U		<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.0055	U	
		VMP-49-20-012220	1/22/2020	<0.008	U		<0.008	U		<0.008	U		0.0032	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U	
		VMP-49-20-042920	4/29/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
30 ft	VMP-49-20-042920-DUP	4/29/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U		
	VMP-49-20-072420	7/24/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0027	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U		
	VMP-49-30-101819	10/18/2019	<0.008	U		<0.008	U		<0.008	U		0.0053	J		<0.0054	U		<0.0054	U		<0.0052	U		<0.0052	U		
	VMP-49-30-012220	1/22/2020	<0.0077	U		<0.0077	U		<0.0077	U		0.0032	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U		
VMP-50	5 ft	VMP-49-30-042920	4/29/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
		VMP-49-30-072420	7/24/2020	<0.0077	U		<0.0077	U		<0.0077	U		0.003	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-50-5-102319	10/23/2019	<0.0072	U		<0.0072	U		<0.0072	U		0.0028	J	J	<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U	
		VMP-50-5-012820	1/28/2020	<0.0083	U		<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.0055	U	
	10 ft	VMP-50-5-042820	4/28/2020	<0.008	U		<0.008	U		<0.008	U		0.0025	J		<0.0054	U		<0.0054	U		<0.0052	U		<0.0052	U	
		VMP-50-5-072720	7/27/2020	<0.0077	U		<0.0077	U		<0.0077	U		<0.0063	U		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-50-10-102319	10/23/2019	<0.0074	U		<0.0074	U		<0.0074	U		0.0035	J	J	<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-50-10-012820	1/28/2020	<0.0085	U		<0.0085	U		<0.0085	U		0.0022	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U	
	20 ft	VMP-50-10-042820	4/28/2020	<0.0083	U		<0.0083	U		<0.0083	U		0.0031	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.0055	U	
		VMP-50-10-072720	7/27/2020	<0.007	U		<0.007	U		<0.007	U		0.0034	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.0046	U	
		VMP-50-20-102319	10/23/2019	<0.0079	U		<0.0079	U		<0.0079	U		0.0032	J	J	<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-50-20-012820	1/28/2020	<0.0083	U		<0.0083	U		<0.0083	U		0.002	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.0055	U	
30 ft	VMP-50-20-042820	4/28/2020	<0.0077	U		<0.0077	U		<0.0077	U		0.0025	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U		
	VMP-50-20-072720	7/27/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.0028	J		<0.005	U		<0.005	U		<0.0048	U		<0.0048	U		
	VMP-50-30-102319	10/23/2019	<0.076	U		<0.076	U		<0.076	U		<0.062	U		<0.051	U		<0.051	U		<0.05	U		<0.05	U		
	VMP-50-30-012820	1/28/2020	<0.16	U		<0.16	U		<0.16	U		<0.13	U		<0.11	U		<0.11	U		<0.11	U		<0.11	U		
30 ft	VMP-50-30-042820	4/28/2020	<0.1	U		<0.1	U		<0.1	U		<0.084	U		<0.069	U		<0.069	U		<0.067	U		<0.067	U		
	VMP-50-30-072720	7/27/2020	<0.075	U		<0.075	U		<0.075	U		<0.062	U		<0.05	U		<0.05	U		<0.05	U		<0.05	U		

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

Location	Depth	Sample ID	Sample Date	1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene			cis-1,2-Dichloroethene		
				290						1200			270			690			0.099			240			1100000		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (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-51-5-102519	10/25/2019	<0.0079	U		<0.0079	U		<0.0079	U		0.0019	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-51-5-012820	1/28/2020	<0.0085	U		<0.0085	U		<0.0085	U		0.0022	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U	
		VMP-51-5-012820-DUP	1/28/2020	<0.0083	U		<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.0055	U	
		VMP-51-5-042720	4/27/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U		<0.0048	U		<0.0048	U	
		VMP-51-5-072320	7/23/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U	
	10 ft	VMP-51-10-102519	10/25/2019	<0.0073	U		<0.0073	U		<0.0073	U		0.0017	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-51-10-012820	1/28/2020	<0.0083	U		<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.0055	U	
		VMP-51-10-042720	4/27/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-51-10-072320	7/23/2020	<0.007	U		<0.007	U		<0.007	U		0.0024	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.0046	U	
		VMP-51-20-102519	10/25/2019	<0.0075	U		<0.0075	U		<0.0075	U		0.0019	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
	20 ft	VMP-51-20-022120	2/21/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0031	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U	
		VMP-51-20-042720	4/27/2020	<0.0079	U		<0.0079	U		<0.0079	U		0.0033	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-51-20-072320	7/23/2020	<0.0079	U		<0.0079	U		<0.0079	U		0.0029	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-51-30-102519	10/25/2019	<0.0073	U		<0.0073	U		<0.0073	U		0.003	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-51-30-102519-DUP	10/25/2019	<0.0075	U		<0.0075	U		<0.0075	U		0.0034	J		<0.005	U		<0.005	U		<0.005	U		<0.005	U	
30 ft	VMP-51-30-012820	1/28/2020	<0.0081	U		<0.0081	U		<0.0081	U		0.0022	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U		
	VMP-51-30-042720	4/27/2020	<0.007	U		<0.007	U		<0.007	U		0.0052	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.0046	U		
	VMP-51-30-072320	7/23/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.0037	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U		
	VMP-52-5-102219	10/22/2019	<0.0078	U		<0.0078	U		<0.0078	U		0.0031	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U		
	VMP-52-5-012320	1/23/2020	<0.0088	U		<0.0088	U		<0.0088	U		0.0037	J		<0.0059	U		<0.0059	U		<0.0058	U		<0.0058	U		
VMP-52	5 ft	VMP-52-5-042720	4/27/2020	<0.007	U		<0.007	U		<0.007	U		0.0023	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.0046	U	
		VMP-52-5-072320	7/23/2020	<0.007	U		<0.007	U		<0.007	U		0.0019	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.0046	U	
		VMP-52-5-072320-DUP	7/23/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-52-10-102219	10/22/2019	<0.0074	U		<0.0074	U		<0.0074	U		0.0028	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-52-10-042720	4/27/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.0022	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
	20 ft	VMP-52-20-102219	10/22/2019	<0.0074	U		<0.0074	U		<0.0074	U		0.002	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-52-20-012320	1/23/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-52-20-042720	4/27/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-52-20-072320	7/23/2020	<0.0081	U		<0.0081	U		<0.0081	U		0.0023	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U	
		VMP-52-30-102219	10/22/2019	<0.0073	U		<0.0073	U		<0.0073	U		0.0034	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
	30 ft	VMP-52-30-102219-DUP	10/22/2019	<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
		VMP-52-30-012320	1/23/2020	<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0056	U		<0.0056	U		<0.0055	U		<0.0055	U	
		VMP-52-30-042720	4/27/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-52-30-042720-DUP	4/27/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
		VMP-52-30-072320	7/23/2020	<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U	
VMP-53	5 ft	VMP-53-5-101819	10/18/2019	<0.0071	U		<0.0071	U		<0.0071	U		0.0019	J		<0.0048	U		<0.0048	U		<0.0046	U		<0.0046	U	
		VMP-53-5-012220	1/22/2020	<0.0085	U		<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U	
		VMP-53-5-042220	4/22/2020	<0.0077	U		<0.0077	U		<0.0077	U		0.002	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-53-5-072220	7/22/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0032	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U	
		VMP-53-10-101819	10/18/2019	<0.0083	U		<0.0083	U		<0.0083	U		0.0021	J		<0.0056	U		<0.0056	U		<0.0054	U		<0.0054	U	
	10 ft	VMP-53-10-012220	1/22/2020	<0.0071	U		<0.0071	U		<0.0071	U		0.0027	J		<0.0048	U		<0.0048	U		<0.0046	U		<0.0046	U	
		VMP-53-10-042220	4/22/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
		VMP-53-10-072220	7/22/2020	<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U	
		VMP-53-20-101819	10/18/2019	<0.0074	U		<0.0074	U		<0.0074	U		0.0019	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-53-20-012220	1/22/2020	<0.0075	U		<0.0075	U		<0.0075	U		<0.0062	U		<0.005	U		<0.005	U		<0.005	U		<0.005	U	
	20 ft	VMP-53-20-042220	4/22/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-53-20-072220	7/22/2020	<0.0077	U		<0.0077	U		<0.0077	U		0.0031	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-53-30-101819	10/18/2019	<0.0071	U		<0.0071	U		<0.0071	U		0.002	J		<0.0048	U		<0.0048	U		<0.0046	U		<0.0046	U	
		VMP-53-30-101819-DUP	10/18/2019	<0.0074	U		<0.0074	U		<0.0074	U		0.0018	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-53-30-012220	1/22/2020	<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
30 ft	VMP-53-30-012220-DUP	1/22/2020	<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U		
	VMP-53-30-042220	4/22/2020	<0.0081	U		<0.0081	U		<0.0081	U		0.0027	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U		
	VMP-53-30-072220	7/22/2020	<0.0073	U		<0.0073																					

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

Location	Depth	Sample ID	Sample Date	1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene			cis-1,2-Dichloroethene		
				290						1200			270			690			0.099			240			1100000		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (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-54-5-102219	10/22/2019	<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-54-5-012220	1/22/2020	<0.01	U		<0.01	U		<0.01	U		<0.0083	U		<0.0068	U		<0.0068	U		<0.0066	U		<0.0066	U	
		VMP-54-5-042720	4/27/2020	<0.0079	U		<0.0079	U		<0.0079	U		0.0021	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-54-5-052120	5/21/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.0028	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-54-5-072220	7/22/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0032	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
	10 ft	VMP-54-10-102219	10/22/2019	<0.0074	U		<0.0074	U		<0.0074	U		0.0032	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-54-10-031220	3/12/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.0034	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-54-10-042720	4/27/2020	<0.0081	U		<0.0081	U		<0.0081	U		0.0024	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U	
		VMP-54-10-072220	7/22/2020	<0.008	U		<0.008	U		<0.008	U		0.0036	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U	
	20 ft	VMP-54-20-102219	10/22/2019	<0.0079	U		<0.0079	U		<0.0079	U		0.0031	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-54-20-012220	1/22/2020	<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-54-20-042720	4/27/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
30 ft	VMP-54-20-072220	7/22/2020	<0.0079	U		<0.0079	U		<0.0079	U		0.0041	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U		
	VMP-54-30-102219	10/22/2019	<0.0087	U		<0.0087	U		<0.0087	U		0.0025	J		<0.0058	U		<0.0058	U		<0.0057	U		<0.0057	U		
	VMP-54-30-012220	1/22/2020	<0.0091	U		<0.0091	U		<0.0091	U		<0.0075	U		<0.0061	U		<0.0061	U		<0.006	U		<0.006	U		
	VMP-54-30-042720	4/27/2020	<0.0079	U		<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U		
VMP-56	10 ft	VMP-54-30-072220	7/22/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0028	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-56-10-102119	10/21/2019	<0.0066	U		<0.0066	U		<0.0066	U		0.003	J		<0.0044	U		<0.0044	U		<0.0044	U		<0.0044	U	
		VMP-56-10-012220	1/22/2020	<0.0085	U		<0.0085	U		<0.0085	U		0.0032	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U	
		VMP-56-10-042420	4/24/2020	<0.0079	U		<0.0079	U		<0.0079	U		0.0021	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-56-10-072320	7/23/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
	VMP-56-10-072320-DUP	7/23/2020	<0.0083	U		<0.0083	U		<0.0083	U		0.0033	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.0055	U		
	25 ft	VMP-56-25-102119	10/21/2019	<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
VMP-56-25-012220		1/22/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.013			<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U		
VMP-62	5 ft	VMP-56-25-042420	4/24/2020	<0.0083	U		<0.0083	U		<0.0083	U		0.0021	J		<0.0056	U		<0.0056	U		<0.0054	U		<0.0054	U	
		VMP-56-25-072320	7/23/2020	<0.0075	U		<0.0075	U		<0.0075	U		0.0022	J		<0.005	U		<0.005	U		<0.005	U		<0.005	U	
		VMP-62-5-102319	10/23/2019	<0.0076	U		<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
		VMP-62-5-012920	1/29/2020	<0.0072	U		<0.0072	U		<0.0072	U		<0.006	U		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
	10 ft	VMP-62-5-042820	4/28/2020	<0.0081	U		<0.0081	U		<0.0081	U		0.0025	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U	
		VMP-62-5-072720	7/27/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.0025	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-62-10-102319	10/23/2019	<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
20 ft	VMP-62-10-012920	1/29/2020	<0.0077	U		<0.0077	U		<0.0077	U		<0.0063	U		<0.0052	U		<0.0052	U		<0.005	U		<0.005	U		
	VMP-62-10-042820	4/28/2020	<0.009	U		<0.009	U		<0.009	U		0.0027	J		<0.006	U		<0.006	U		<0.0059	U		<0.0059	U		
	VMP-62-10-072720	7/27/2020	<0.0068	U		<0.0068	U		<0.0068	U		0.0021	J		<0.0046	U		<0.0046	U		<0.0045	U		<0.0045	U		
	VMP-62-20-102319	10/23/2019	<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U		
30 ft	VMP-62-20-012920	1/29/2020	<0.0086	U		<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U		<0.0057	U		
	VMP-62-20-042820	4/28/2020	<0.0082	U		<0.0082	U		<0.0082	U		0.0038	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U		
	VMP-62-20-042820-DUP	4/28/2020	<0.0082	U		<0.0082	U		<0.0082	U		0.0033	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U		
30 ft	VMP-62-20-072720	7/27/2020	<0.007	U		<0.007	U		<0.007	U		0.0032	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.0046	U		
	VMP-62-30-102319	10/23/2019	<0.0081	U		<0.0081	U		<0.0081	U		0.0024	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U		
	VMP-62-30-012920	1/29/2020	<0.0081	U		<0.0081	U		<0.0081	U		0.0025	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U		
	VMP-62-30-042820	4/28/2020	<0.0087	U		<0.0087	U		<0.0087	U		0.0024	J		<0.0058	U		<0.0058	U		<0.0057	U		<0.0057	U		
VMP-62-30-072720	7/27/2020	<0.0071	U		<0.0071	U		<0.0071	U		0.0036	J		<0.0048	U		<0.0048	U		<0.0046	U		<0.0046	U			

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

Location	Depth	Sample ID	Sample Date	1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene			cis-1,2-Dichloroethene		
				290						1200			270			690			0.099			240			1100000		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-102419	10/24/2019	<0.007	U		<0.007	J	U	<0.007	U		0.0022	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.0046	U	
		VMP-63-5-102419-DUP	10/24/2019	<0.0074	U		<0.0074	U		<0.0074	U		0.002	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-63-5-012720	1/27/2020	<0.0081	U		<0.0081	U		<0.0081	U		<0.0066	U		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U	
		VMP-63-5-012720-DUP	1/27/2020	<0.0086	U		<0.0086	U		<0.0086	U		0.0028	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.0056	U	
		VMP-63-5-042420	4/24/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U		<0.0048	U		<0.0048	U	
	VMP-63-5-072820	7/28/2020	<0.0075	U		<0.0075	U		<0.0075	U		0.0026	J		<0.005	U		<0.005	U		<0.005	U		<0.005	U		
	10 ft	VMP-63-10-102419	10/24/2019	<0.0069	U		<0.0069	U		<0.0069	U		0.0019	J		<0.0046	U		<0.0046	U		<0.0045	U		<0.0045	U	
		VMP-63-10-012720	1/27/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0034	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-63-10-042420	4/24/2020	<0.0081	U		<0.0081	U		<0.0081	U		0.0023	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U	
		VMP-63-10-072820	7/28/2020	<0.008	U		<0.008	U		<0.008	U		0.0022	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U	
	20 ft	VMP-63-20-102419	10/24/2019	<0.0076	U		<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
		VMP-63-20-012720	1/27/2020	<0.0082	U		<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U	
		VMP-63-20-042420	4/24/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U		<0.0048	U		<0.0048	U	
		VMP-63-20-072820	7/28/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-63-30-102419	10/24/2019	<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
30 ft	VMP-63-30-012720	1/27/2020	<0.0083	U		<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U		<0.0054	U		<0.0054	U		
	VMP-63-30-042420	4/24/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U		
	VMP-63-30-072820	7/28/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.002	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U		
	VMP-63-30-072820-DUP	7/28/2020	<0.007	U		<0.007	U		<0.007	U		0.0022	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.0046	U		
VMP-64	5 ft	VMP-64-5-102319	10/23/2019	<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-64-5-012820	1/28/2020	<0.0082	U		<0.0082	U		<0.0082	U		0.0022	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U	
		VMP-64-5-042420	4/24/2020	<0.0077	U		<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U		<0.005	U		<0.005	U	
		VMP-64-5-072420	7/24/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.0029	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
	10 ft	VMP-64-10-102319	10/23/2019	<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
		VMP-64-10-012820	1/28/2020	<0.0081	U		<0.0081	U		<0.0081	U		0.0023	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U	
		VMP-64-10-042420	4/24/2020	<0.0068	U		<0.0068	U		<0.0068	U		0.0025	J		<0.0046	U		<0.0046	U		<0.0045	U		<0.0045	U	
		VMP-64-10-072420	7/24/2020	<0.0075	U		<0.0075	U		<0.0075	U		0.0028	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
	20 ft	VMP-64-20-102319	10/23/2019	<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-64-20-012820	1/28/2020	<0.0087	U		<0.0087	U		<0.0087	U		0.0022	J		<0.0058	U		<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-64-20-042420	4/24/2020	<0.0075	U		<0.0075	U		<0.0075	U		0.002	J		<0.005	U		<0.005	U		<0.005	U		<0.005	U	
		VMP-64-20-042420-DUP	4/24/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U		<0.0048	U		<0.0048	U	
20 ft	VMP-64-20-072420	7/24/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.0031	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U		
	VMP-64-20-072420-DUP	7/24/2020	<0.0075	U		<0.0075	U		<0.0075	U		0.0032	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U		

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

Location	Depth	Sample ID	Sample Date	Dichloromethane (Methylene chloride)			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Heptane			Hexachlorobutadiene			
				5.6			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-1-5-102419	10/24/2019	<0.044	U		<0.018	U		<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U		
		VMP-1-5-012720	1/27/2020	<0.043	U		<0.018	U		<0.0093	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U		
		VMP-1-5-042420	4/24/2020	<0.046	U		<0.019	U		0.01			J	<0.0057	U		<0.0065	J	U	<0.01	U		<0.0054	U		<0.056	U	
		VMP-1-5-072820	7/28/2020	<0.041	U		<0.017	U		0.014				<0.0052	U		<0.0058	U		<0.0091	U		<0.0049	U		<0.051	U	
	8.5 ft	VMP-1-8.5-102419	10/24/2019	<0.097	U		<0.04	U		<0.021	U	UJ	<0.012	U		<0.014	U		<0.021	U		<0.011	U		<0.12	U		
		VMP-1-8.5-102419-DUP	10/24/2019	<0.044	U		<0.018	U		0.0021	J		J	<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	J	U
		VMP-1-8.5-111519R	11/15/2019	<0.044	U		<0.018	U		<0.0096	U			<0.0055	U		<0.0062	U		<0.0097	U		<0.0052	U		<0.054	U	
		VMP-1-8.5-012720	1/27/2020	<0.05	U		<0.021	U		<0.011	U	UJ	<0.0062	U		<0.0071	U		<0.011	U		<0.0059	U		<0.061	U		
	23.5 ft	VMP-1-8.5-042420	4/24/2020	<0.045	U		<0.019	U		<0.0098	U	UJ	<0.0056	U		<0.0064	U		<0.0099	U		<0.0053	U		<0.055	U		
		VMP-1-8.5-072820	7/28/2020	<0.044	U		<0.018	U		0.016			<0.0055	U		<0.0062	U		<0.0097	U		<0.0052	U		<0.054	U		
		VMP-1-23.5-102419	10/24/2019	<0.042	U		<0.017	U		0.0026	J	J	<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U		
		VMP-1-23.5-012720	1/27/2020	<0.044	U		<0.018	U		<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U		
38.5 ft	VMP-1-23.5-042420	4/24/2020	<0.041	U		<0.017	U		0.012			J	<0.0051	U		<0.0058	U		<0.0091	U		<0.0048	U		<0.05	U		
	VMP-1-23.5-072820	7/28/2020	<0.045	U		<0.019	U		0.0097	J			<0.0057	U		<0.0064	U		<0.01	U		<0.0053	U		<0.056	U		
	VMP-1-38.5-012720	1/27/2020	<0.044	U		<0.018	U		<0.0096	U	UJ	<0.0055	U		<0.0063	U		<0.0098	U		<0.0052	U		<0.054	U			
	VMP-1-38.5-072820	7/28/2020	<0.044	U		<0.018	U		0.017			<0.0055	U		<0.0062	U		<0.0097	U		<0.0052	U		<0.054	U			
VMP-2	5 ft	VMP-2-5-102119	10/21/2019	<0.04	U		<0.017	U		0.013			<0.005	U		<0.0057	U		<0.0089	U		<0.0048	U		<0.05	U		
		VMP-2-5-012420	1/24/2020	<0.046	U		<0.019	U		<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U		
		VMP-2-5-042420	4/24/2020	<0.046	U		<0.019	U		0.017			<0.0058	U		<0.0065	U		<0.01	U		<0.0054	U		<0.057	U		
		VMP-2-5-072420	7/24/2020	<0.04	U		<0.016	U		0.01			<0.005	U		<0.0056	U		<0.0088	U		<0.0047	U		<0.049	U		
	8.5 ft	VMP-2-8.5-102119	10/21/2019	<0.041	U		<0.017	U		<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0049	U		<0.051	U		
		VMP-2-8.5-012420	1/24/2020	<0.048	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0057	U		<0.059	U		
		VMP-2-8.5-042420	4/24/2020	<0.046	U		<0.019	U		0.0042	J	J	<0.0057	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U		
		VMP-2-8.5-072420	7/24/2020	<0.041	U		<0.017	U		<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0049	U		<0.051	U		
	22 ft	VMP-2-22-102119	10/21/2019	<0.042	U		<0.017	U		0.014			<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U		
		VMP-2-22-012420	1/24/2020	<0.048	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0057	U		<0.06	U		
		VMP-2-22-042420	4/24/2020	<0.049	U		<0.02	U		0.0052	J	J	<0.0061	U		<0.007	U		<0.011	U		<0.0058	U		<0.06	U		
		VMP-2-22-042420-DUP	4/24/2020	<0.049	U		<0.02	U		0.005	J	J	<0.0061	U		<0.007	U		<0.011	U		<0.0058	U		<0.06	U		
VMP-2-22-072420	7/24/2020	<0.044	U		<0.018	U		0.0068	J		<0.0056	U		<0.0063	U		<0.0098	U		<0.0052	U		<0.055	U				
VMP-3	5 ft	VMP-3-5-101819	10/18/2019	<0.043	U		<0.018	U		0.018	J0	J	<0.0054	U		<0.0061	U		<0.0096	U		<0.0051	U		<0.053	U		
		VMP-3-5-012720	1/27/2020	<0.059	U		<0.024	U		<0.013	U	UJ	<0.0074	U		<0.0084	U		<0.013	U		<0.007	U		<0.073	U		
		VMP-3-5-012720-DUP	1/27/2020	<0.048	U		<0.02	U		<0.01	U	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0056	U		<0.058	U		
		VMP-3-5-042920	4/29/2020	<0.047	U		<0.019	U		0.012			J	<0.0059	U		<0.0066	U		<0.01	U		<0.0055	U		<0.058	U	
	10 ft	VMP-3-5-072920	7/29/2020	<0.046	U		<0.019	U		0.012			<0.0058	U		0.0016	J		<0.01	U		<0.0054	U		<0.057	U		
		VMP-3-10-101819	10/18/2019	<0.051	U		<0.021	U		<0.011	ND,UJ	UJ	<0.0064	U		<0.0073	U		<0.011	U		<0.0061	U		<0.063	U		
		VMP-3-10-022120	2/21/2020	<0.04	U		<0.016	U		<0.0087	U		<0.005	U		<0.0056	U		<0.0088	U		<0.0047	U		<0.049	U		
		VMP-3-10-072920	7/29/2020	<0.044	U		0.001	J		0.0077	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U		
	22 ft	VMP-3-22-101819	10/18/2019	<0.044	U		<0.018	U		0.0076	J J0	J	0.01			0.0021	J		<0.0096	U		0.012			<0.054	U		
		VMP-3-22-012720	1/27/2020	<0.045	U		<0.019	U		<0.0098	ND,UJ	UJ	<0.0056	U		<0.0064	U		<0.0099	U		<0.0053	U		<0.055	U		
		VMP-3-22-042920	4/29/2020	<0.05	U		<0.021	U		0.011			J	<0.0062	U		<0.007	U		<0.011	U		<0.0059	U		<0.061	U	
		VMP-3-22-072920	7/29/2020	<0.046	U		<0.019	U		0.011			<0.0057	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U		
31.5 ft	VMP-3-31.5-101819	10/18/2019	8.3	J		<52	U		64	J0 CN	J	<16	U		<18	U		<28	U		<15	U		<150	U			
	VMP-3-31.5-101819-DUP	10/18/2019	6.6	J		<51	U		61	J0 CN	J	<15	U		<17	U		<27	U		<14	U		<150	U			
	VMP-3-31.5-022120	2/21/2020	<0.41	U		<0.17	U		<0.088	U		<0.051	U		<0.058	U		<0.09	U		<0.048	U		<0.5	U			
	VMP-3-31.5-042920	4/29/2020	<4.5	U		<4.6	U		<2.4	U		<1.4	U		<1.6	U		<2.5	U		<1.3	U		<14	U			
VMP-3-31.5-072920	7/29/2020	<0.36	U		<0.15	U		<0.078	U		<0.045	U		<0.051	U		<0.079	U		<0.042	U		<0.44	U				

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

Location	Depth	Sample ID	Sample Date	Dichloromethane (Methylene chloride)			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Heptane			Hexachlorobutadiene		
				5.6			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-4	5 ft	VMP-4-5-102119	10/21/2019	<0.042	U		<0.017	U		0.0037	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U	
		VMP-4-5-012320	1/23/2020	<0.045	U		<0.018	U		<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.0053	U		<0.055	U	
		VMP-4-5-042820	4/28/2020	<0.045	U		<0.018	U		<0.0097	ND,UJ	UJ	<0.0056	U		<0.0063	U		<0.0099	U		<0.0053	U		<0.055	U	
		VMP-4-5-073020	7/30/2020	<0.043	U		<0.018	U		0.0093			<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U	
		VMP-4-5-073020-DUP	7/30/2020	<0.045	U		0.0017	J		0.012			<0.0056	U		<0.0063	U		<0.0098	U		<0.0053	U		<0.055	U	
	12 ft	VMP-4-12-102119	10/21/2019	<0.044	U		<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
		VMP-4-12-012320	1/23/2020	<0.044	U		<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
		VMP-4-12-042820	4/28/2020	<0.047	U		<0.019	U		0.01	J	J	<0.0058	U		<0.0066	U		<0.01	U		<0.0055	U		<0.057	U	
		VMP-4-12-073020	7/30/2020	<0.044	U		0.0019	J		<0.0094	U		<0.0054	U		<0.0062	U		<0.0096	U		<0.0051	U		<0.054	U	
	23.5 ft	VMP-4-23.5-102119	10/21/2019	<0.042	U		<0.017	U		0.0048	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U	
		VMP-4-23.5-012320	1/23/2020	<0.047	U		<0.019	U		<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0055	U		<0.057	U	
		VMP-4-23.5-042820	4/28/2020	<0.046	U		<0.019	U		0.021	JO	J	<0.0057	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U	
VMP-4-23.5-073020	7/30/2020	<0.044	U		0.0014	J		0.0082	J		0.0014	J		<0.0063	U		<0.0098	U		<0.0052	U		<0.054	U			
VMP-5	5 ft	VMP-5-5-102119	10/21/2019	<0.042	U		<0.017	U		<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U	
		VMP-5-5-012820	1/28/2020	<0.039	U		<0.016	U		<0.0085	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0046	U		<0.048	U	
		VMP-5-5-042720	4/27/2020	<0.041	U		<0.017	U		<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0049	U		<0.051	U	
		VMP-5-5-072320	7/23/2020	<0.045	U		0.0015	J		<0.0097	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.0053	U		<0.055	U	
	12.5 ft	VMP-5-12.5-102119	10/21/2019	<0.039	U		<0.016	U		<0.0084	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0046	U		<0.048	U	
		VMP-5-12.5-012820	1/28/2020	<0.046	U		<0.019	U		<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U	
		VMP-5-12.5-042720	4/27/2020	<0.042	U		<0.017	U		<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U	
		VMP-5-12.5-072320	7/23/2020	0.0037	J		0.0028	J		0.0072	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
	31 ft	VMP-5-31-102119	10/21/2019	<0.05	U		<0.021	U		<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.0059	U		<0.062	U	
		VMP-5-31-012820	1/28/2020	<0.044	U		<0.018	U		<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0052	U		<0.054	U	
		VMP-5-31-042720	4/27/2020	<0.044	U		<0.018	U		0.0045	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0052	U		<0.054	U	
		VMP-5-31-072320	7/23/2020	<0.042	U		0.0021	J		0.0017	J		<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U	
VMP-5-31-072320-DUP	7/23/2020	0.0028	J		<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0052	U		<0.054	U			
VMP-6	5 ft	VMP-6-5-102519	10/25/2019	<0.042	U		<0.018	U		<0.0092	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U	
		VMP-6-5-012320	1/23/2020	<0.05	U		<0.021	U		<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.0059	U		<0.062	U	
		VMP-6-5-042720	4/27/2020	<0.047	U		0.0012	J		0.0026	J		<0.0058	U		0.00076	J		<0.01	U		<0.0055	U		<0.057	U	
		VMP-6-5-072220	7/22/2020	<0.045	U		<0.019	U		<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U		<0.0053	U		<0.055	U	
	10 ft	VMP-6-10-102519	10/25/2019	<0.044	U		<0.018	U		<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
		VMP-6-10-012320	1/23/2020	<0.045	U		<0.019	U		<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U		<0.0053	U		<0.055	U	
		VMP-6-10-042720	4/27/2020	<0.045	U		<0.018	U		0.0026	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.0053	U		<0.055	U	
		VMP-6-10-072220	7/22/2020	<0.045	U		<0.019	U		<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U		<0.0053	U		<0.055	U	
	31.5 ft	VMP-6-31.5-102519	10/25/2019	<0.044	U		<0.018	U		<0.0096	U	UJ	<0.0055	U		<0.0062	U		<0.0097	U		<0.0052	U		<0.054	U	
		VMP-6-31.5-022120	2/21/2020	<0.039	U		<0.016	U		0.01			<0.0049	U		<0.0055	U		<0.0086	U		<0.0046	U		<0.048	U	
		VMP-6-31.5-042720	4/27/2020	<0.048	U		0.0017	J		<0.01	U		<0.006	U		<0.0068	U		<0.01	U		0.00078	J		<0.059	U	
		VMP-6-31.5-072220	7/22/2020	<0.047	U		<0.02	U		<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0056	U		<0.058	U	
VMP-7	5 ft	VMP-7-5-102419	10/24/2019	<0.041	U		<0.017	U		<0.009	U	UJ	<0.0052	U		<0.0058	U		<0.0091	U		<0.0049	U		<0.051	U	
		VMP-7-5-012720	1/27/2020	<0.045	U		<0.018	U		<0.0097	ND,UJ	UJ	<0.0056	U		<0.0063	U		<0.0098	U		<0.0053	U		<0.055	U	
		VMP-7-5-042720	4/27/2020	<0.049	U		<0.02	U		0.0097	J		<0.0061	U		<0.0069	U		<0.011	U		0.001	J		<0.06	U	
		VMP-7-5-073020	7/30/2020	<0.042	U		<0.018	U		0.014			<0.0053	U		<0.006	U		<0.0093	U		<0.005	U		<0.052	U	
	13.5 ft	VMP-7-13.5-102419	10/24/2019	<0.04	U		<0.016	U		<0.0086	U	UJ	<0.005	U		<0.0056	U		<0.0088	U		<0.0047	U		<0.049	U	
		VMP-7-13.5-012720	1/27/2020	<0.042	U		<0.018	U		<0.0092	ND,UJ	UJ	<0.0053	U		<0.006	U		<0.0093	U		<0.005	U		<0.052	U	
		VMP-7-13.5-042720	4/27/2020	<0.049	U		<0.02	U		<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0058	U		<0.06	J	U
		VMP-7-13.5-073020	7/30/2020	<0.045	U		<0.018	U		0.0074	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.0053	U		<0.055	U	
	29.5 ft	VMP-7-29.5-102419	10/24/2019	<0.039	U		<0.016	U		<0.0084	U	UJ	<0.0049	U		<0.0055	J	U	<0.0086	U		<0.0046	U		<0.048	U	

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

Location	Depth	Sample ID	Sample Date	Dichloromethane (Methylene chloride)			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Heptane			Hexachlorobutadiene		
				5.6			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-8	5 ft	VMP-8-5-101819	10/18/2019	<0.042	U		<0.018	U		<0.0092	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U	
		VMP-8-5-012220	1/22/2020	<0.048	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0057	U		<0.06	U	
		VMP-8-5-012220-DUP	1/22/2020	<0.049	U		<0.02	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.0058	U		<0.06	U	
		VMP-8-5-042220	4/22/2020	<0.045	U		<0.018	U		<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.0053	U		<0.055	U	
		VMP-8-5-072220	7/22/2020	0.0019	J		<0.018	U		<0.0093	U		<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U	
	9.5 ft	VMP-8-9.5-101819	10/18/2019	<0.042	U		<0.017	U		<0.009	U	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0049	U		<0.051	U	
		VMP-8-9.5-012220	1/22/2020	<0.048	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0056	U		<0.059	U	
		VMP-8-9.5-042220	4/22/2020	<0.044	U		<0.018	U		0.0066	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
		VMP-8-9.5-072220	7/22/2020	0.00096	J		<0.018	U		0.0076	J		<0.0056	U		<0.0063	U		<0.0098	U		<0.0052	U		<0.055	U	
		VMP-8-9.5-072220-DUP	7/22/2020	0.0011	J		<0.017	U		0.007	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0049	U		<0.051	U	
	23.5 ft	VMP-8-23.5-101819	10/18/2019	<0.044	U		<0.018	U		0.019		J	<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
		VMP-8-23.5-012220	1/22/2020	<0.046	U		<0.019	U		0.014			<0.0058	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U	
		VMP-8-23.5-042220	4/22/2020	<0.044	U		<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		0.0065			<0.054	U	
		VMP-8-23.5-072220	7/22/2020	<0.041	U		<0.017	U		0.0065	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0048	U		<0.05	U	
		VMP-8-35.5-101819	10/18/2019	<0.041	U		<0.017	U		<0.0089	U	UJ	<0.0051	U		<0.0058	U		<0.0091	U		<0.0048	U		<0.05	U	
35.5 ft	VMP-8-35.5-012220	1/22/2020	<0.047	U		<0.019	U		0.011			<0.0059	U		<0.0066	U		<0.01	U		<0.0055	U		<0.058	U		
	VMP-8-35.5-042220	4/22/2020	<0.045	U		<0.018	U		<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.0053	U		<0.055	U		
	VMP-8-35.5-072220	7/22/2020	<0.042	U		<0.018	U		<0.0092	U		<0.0053	U		<0.006	U		<0.0093	U		<0.005	U		<0.052	U		
	VMP-9-5-102519	10/25/2019	<0.043	U		<0.018	U		<0.0094	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U		
	VMP-9-5-012220	1/22/2020	<0.042	U		<0.017	U		<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0049	U		<0.051	U		
VMP-9	5 ft	VMP-9-5-042220	4/22/2020	<0.044	U		<0.018	U		0.01		<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U		
		VMP-9-5-072220	7/22/2020	<0.045	U		<0.019	U		<0.0098	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0053	U		<0.056	U	
		VMP-9-5-072220-DUP	7/22/2020	<0.044	U		<0.018	U		0.0064	J		<0.0056	U		<0.0063	U		<0.0098	U		<0.0052	U		<0.055	U	
		VMP-9-11.5-102519	10/25/2019	<0.046	U		<0.019	U		<0.0099	U	UJ	<0.0057	U		<0.0064	U		<0.01	U		<0.0054	U		<0.056	U	
		VMP-9-11.5-012220	1/22/2020	<0.044	U		<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
	11.5 ft	VMP-9-11.5-042220	4/22/2020	<0.046	U		<0.019	U		<0.0037	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U	
		VMP-9-11.5-072220	7/22/2020	0.0014	J		<0.019	U		0.11			<0.0056	U		<0.0064	U		<0.01	U		<0.0053	U		<0.055	U	
		VMP-9-25.5-102519	10/25/2019	<0.047	U		<0.02	U		<0.01	U	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0056	U		<0.058	U	
		VMP-9-25.5-012220	1/22/2020	<0.043	U		<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-9-25.5-042220	4/22/2020	<0.04	U		<0.017	U		0.0046	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0048	U		<0.05	U	
25.5 ft	VMP-9-25.5-042220-DUP	4/22/2020	<0.042	U		<0.017	U		0.0086	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U		
	VMP-9-25.5-072220	7/22/2020	0.022	J		<0.018	U		0.018			<0.0056	U		<0.0063	U		<0.0098	U		<0.0052	U		<0.055	U		
	VMP-18-8.5-102319	10/23/2019	<0.044	U		<0.018	U		<0.0095	ND,UJ	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U		
	VMP-18-8.5-102319-DUP	10/23/2019	<0.045	U		<0.019	U		<0.0098	ND,UJ	UJ	<0.0056	U		<0.0064	U		<0.0099	U		<0.0053	U		<0.055	U		
	VMP-18-8.5-012420	1/24/2020	<0.051	U		<0.021	U		<0.011	ND,UJ	UJ	<0.0064	U		<0.0073	U		<0.011	U		<0.0061	U		<0.063	U		
VMP-18	8.5 ft	VMP-18-8.5-042920	4/29/2020	<0.041	U		<0.017	U		0.0072	J	<0.0051	U		<0.0058	U		<0.0091	U		<0.0048	U		<0.05	U		
		VMP-18-8.5-042920-DUP	4/29/2020	<0.039	U		<0.016	U		0.029		<0.0049	U		<0.0055	U		<0.0086	U		<0.0046	U		<0.048	U		
		VMP-19-5-111519R	11/15/2019	<0.044	U		<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
		VMP-19-5-022120	2/21/2020	<0.042	U		<0.017	U		<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U	
		VMP-19-5-043020	4/30/2020	<0.041	U		<0.017	U		0.0067	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0049	U		<0.051	U	
VMP-19	5 ft	VMP-19-5-043020-DUP	4/30/2020	<0.041	U		<0.017	U		0.0072	J	<0.0052	U		<0.0058	U		<0.0091	U		<0.0049	U		<0.051	U		
		VMP-19-5-072720	7/27/2020	<0.042	U		0.0028	J		0.0045	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0049	U		<0.051	U	
		VMP-20-5-102319	10/23/2019	<0.04	U		<0.017	U		<0.0087	ND,UJ	J	<0.005	U		<0.0057	U		<0.0089	U		<0.0048	U		<0.049	U	
		VMP-20-5-012420	1/24/2020	<0.049	U		<0.02	U		<0.01	ND,UJ	UJ	<0.0061	U		<0.0069	U		<0.011	U		<0.0058	U		<0.06	U	
		VMP-20-5-022120	2/21/2020	<0.041	U		<0.017	U		<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0049	U		<0.051	U	
VMP-20	5 ft	VMP-20-5-042420	4/24/2020	<0.044	U		<0.018	U		0.016		<0.0055	U		<0.0063	U		<0.0098	U		<0.0052	U		<0.054	U		
		VMP-20-5-072320	7/23/2020	<0.042	U		<0.018	U		0.0065	J		<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U	
		VMP-2																									

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

Location	Depth	Sample ID	Sample Date	Dichloromethane (Methylene chloride)			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Heptane			Hexachlorobutadiene		
				5.6			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-21	5 ft	VMP-21-5-102319	10/23/2019	<0.05	U		<0.021	U		0.011			<0.0063	U		<0.0071	U		<0.011	U		<0.0059	U		<0.062	U	
		VMP-21-5-012220	1/22/2020	<0.047	U		<0.02	U		<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0056	U		<0.058	U	
		VMP-21-5-042320	4/23/2020	<0.049	U		<0.02	U		0.033	JO	J	<0.0061	U		<0.007	U		<0.011	U		<0.0058	U		<0.06	U	
		VMP-21-5-072420	7/24/2020	<0.045	U		<0.018	U		<0.0097	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.0053	U		<0.055	U	
	10 ft	VMP-21-10-102319	10/23/2019	<0.041	U		<0.017	U		0.0089	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0049	U		<0.051	U	
		VMP-21-10-102319-DUP	10/23/2019	<0.043	U		<0.018	U		0.0035	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-21-10-012220	1/22/2020	<0.049	U		<0.02	U		<0.01	U		0.0082			0.0016	J		<0.011	U		0.015			<0.06	U	
		VMP-21-10-042320	4/23/2020	<0.042	U		<0.018	U		<0.0092	ND,UJ	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U	
	25 ft	VMP-21-10-072420	7/24/2020	<0.04	U		<0.016	U		<0.0087	U		<0.005	U		<0.0056	U		<0.0088	U		<0.0047	U		<0.049	U	
		VMP-21-25-102319	10/23/2019	<0.042	U		<0.017	U		0.012			<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U	
		VMP-21-25-012220	1/22/2020	<0.048	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0057	U		<0.06	U	
		VMP-21-25-042320	4/23/2020	<0.048	U		<0.02	U		<0.01	ND,UJ	UJ	<0.006	U		<0.0068	U		<0.011	U		<0.0057	U		<0.059	U	
33 ft	VMP-21-25-072420	7/24/2020	<0.046	U		<0.019	U		<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0054	U		<0.057	U		
	VMP-21-33-102319	10/23/2019	<0.04	U		<0.017	U		0.012			<0.005	U		<0.0057	U		<0.0089	U		<0.0048	U		<0.05	U		
	VMP-21-33-012220	1/22/2020	<0.05	U		<0.02	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.0058	U		<0.061	U		
	VMP-21-33-042320	4/23/2020	<0.041	U		<0.017	U		<0.009	ND,UJ	UJ	<0.0052	U		<0.0058	U		<0.0091	U		0.0026	J		<0.051	U		
VMP-22	5 ft	VMP-21-33-072420	7/24/2020	0.0081	J		<0.019	U		0.014			<0.0057	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U	
		VMP-22-5-102319	10/23/2019	<0.042	U		<0.017	U		<0.0091	ND,UJ	UJ	<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U	
		VMP-22-5-012320	1/23/2020	<0.042	U		<0.017	U		<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U	
		VMP-22-5-042820	4/28/2020	<0.045	U		<0.018	U		0.011	JO	J	<0.0056	U		<0.0063	U		<0.0098	U		<0.0053	U		<0.055	U	
	10 ft	VMP-22-5-072320	7/23/2020	0.0027	J		<0.019	U		0.0033	J		<0.0056	U		<0.0064	U		<0.01	U		<0.0053	U		<0.055	U	
		VMP-22-10-102319	10/23/2019	<0.043	U		<0.018	U		<0.0093	ND,UJ	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-22-10-012320	1/23/2020	<0.047	U		<0.019	U		<0.01	U		0.0068			0.0017	J		<0.01	U		0.011			<0.057	U	
		VMP-22-10-042820	4/28/2020	<0.04	U		<0.017	U		0.0046	J	J	<0.005	U		<0.0057	U		<0.0088	U		<0.0047	U		<0.049	U	
	18 ft	VMP-22-10-072320	7/23/2020	<0.043	U		0.001	J		0.0016	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-22-18-102319	10/23/2019	<0.043	U		<0.018	U		0.0076	J	J	<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U	
		VMP-22-18-012320	1/23/2020	<0.043	U		<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-22-18-042820	4/28/2020	<0.045	U		<0.018	U		0.012	JO	J	<0.0056	U		<0.0063	U		<0.0098	U		<0.0053	U		<0.055	U	
38 ft	VMP-22-18-072320	7/23/2020	0.0034	J		0.0018	J		<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0056	U		<0.059	U		
	VMP-22-38-102319	10/23/2019	<0.041	U		<0.017	U		<0.0088	ND,UJ	UJ	0.00082	J		<0.0058	U		<0.009	U		0.0034	J		<0.05	U		
	VMP-22-38-012320	1/23/2020	<0.046	U		<0.019	U		<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U		
	VMP-22-38-012320-DUP	1/23/2020	<0.046	U		<0.019	U		<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U		
VMP-23	5 ft	VMP-22-38-042820	4/28/2020	0.0022	J		<0.018	U		0.035	JO	J	<0.0055	U		<0.0062	U		<0.0097	U		0.0024	J		<0.054	U	
		VMP-22-38-042820-DUP	4/28/2020	<0.046	U		<0.019	U		0.0061	J	J	<0.0057	U		0.0036	J		<0.01	U		<0.0054	U		<0.056	U	
		VMP-23-5-102419	10/24/2019	<0.04	U		<0.017	U		<0.0088	U	UJ	<0.005	U		<0.0057	U		<0.0089	U		<0.0048	U		<0.05	U	
		VMP-23-5-012820	1/28/2020	<0.043	U		<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
	10 ft	VMP-23-5-042820	4/28/2020	<0.043	U		<0.018	U		0.015	JO	J	<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-23-5-072320	7/23/2020	0.12			0.0074	J		0.034			0.001	J		0.00098	J		<0.0098	U		0.042			<0.055	U	
		VMP-23-10-102419	10/24/2019	<0.043	U		<0.018	U		<0.0093	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-23-10-012820	1/28/2020	<0.042	U		<0.017	U		<0.0091	U		0.0039	J		<0.0059	U		<0.0092	U		0.0056			<0.051	U	
	25 ft	VMP-23-10-042820	4/28/2020	<0.043	U		<0.018	U		0.0072	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-23-10-072320	7/23/2020	<0.047	U		<0.02	U		0.0039	J		<0.0059	U		<0.0067	U		<0.01	U		0.00065	J		<0.058	U	
		VMP-23-25-102419	10/24/2019	<0.045	U		<0.018	U		0.0025	J	J	<0.0056	U		<0.0063	U		<0.0099	U		<0.0053	U		<0.055	U	
		VMP-23-25-012820	1/28/2020	<0.038	U		<0.016	U		<0.0083	U		<0.0048	U		<0.0054	U		<0.0085	U		<0.0045	U		<0.047	U	
25 ft	VMP-23-25-012820-DUP	1/28/2020	<0.038	U		<0.016	U		<0.0084	U		<0.0048	U		<0.0054	U		<0.0085	U		<0.0045	U		<0.047	U		
	VMP-23-25-042820	4/28/2020	<0.045	U		<0.019	U		0.016	JO	J	<0.0056	U		<0.0064	U		<0.01	U		<0.0053	U		<0.055	U		
	VMP-23-25-042820-DUP	4/28/2020	<0.042	U		<0.017	U		0.011	JO	J	<0.0052	U		<0.0059	U		<0.0092	U		0.0015	J		<0.051	U		
	VMP-23-25-072320	7/23/2020	<0.046	U		<0.019																					

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

Location	Depth	Sample ID	Sample Date	Dichloromethane (Methylene chloride)			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Heptane			Hexachlorobutadiene		
				5.6			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-24	5 ft	VMP-24-5-102219	10/22/2019	<0.043	U		<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-24-5-012320	1/23/2020	<0.051	U		<0.021	U		<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.0061	U		<0.063	U	
		VMP-24-5-012320-DUP	1/23/2020	<0.045	U		<0.018	U		<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.0053	U		<0.055	U	
		VMP-24-5-042220	4/22/2020	<0.046	U		<0.019	U		<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U	
		VMP-24-5-072220	7/22/2020	0.0078	J		<0.018	U		<0.0094	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
	10 ft	VMP-24-10-102219	10/22/2019	<0.04	U		<0.016	U		<0.0086	U		<0.005	U		<0.0056	U		<0.0088	U		<0.0047	U		<0.049	U	
		VMP-24-10-012320	1/23/2020	<0.052	U		<0.021	U		<0.011	U		<0.0065	U		<0.0073	U		<0.011	U		<0.0061	U		<0.064	U	
		VMP-24-10-042220	4/22/2020	<0.044	U		<0.018	U		0.0062	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
		VMP-24-10-072220	7/22/2020	0.0019	J		<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
	22 ft	VMP-24-22-102219	10/22/2019	<0.04	U		<0.017	U		0.0093	JO	J	<0.005	U		<0.0057	U		<0.0089	U		<0.0048	U		<0.05	U	
		VMP-24-22-012320	1/23/2020	<0.048	U		<0.02	U		<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0056	U		<0.058	U	
		VMP-24-22-042220	4/22/2020	<0.044	U		<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
VMP-24-22-042220-DUP		4/22/2020	<0.046	U		<0.019	U		<0.0088	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U		
34 ft	VMP-24-22-072220	7/22/2020	0.004	J		<0.017	U		<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0048	U		<0.05	U		
	VMP-24-34-102219	10/22/2019	<0.038	U		<0.016	U		0.0082	J		<0.0048	U		<0.0054	U		<0.0084	U		<0.0045	U		<0.047	U		
	VMP-24-34-012320	1/23/2020	<0.049	U		<0.02	U		<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0058	U		<0.06	U		
	VMP-24-34-042220	4/22/2020	<0.044	U		<0.018	U		0.0086	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U		
VMP-32	5 ft	VMP-24-34-072220	7/22/2020	0.0025	J		<0.019	U		0.0064	J		<0.0056	U		<0.0064	U		<0.01	U		<0.0053	U		<0.055	U	
		VMP-32-5-102419	10/24/2019	<0.043	U		<0.018	U		<0.0093	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-32-5-012820	1/28/2020	0.023	J		<0.027	U		<0.014	U		<0.0082	U		<0.0093	U		<0.014	U		<0.0078	U		<0.081	U	
		VMP-32-5-042920	4/29/2020	0.0018	J		<0.02	U		0.0064	J	J	<0.0059	U		<0.0067	U		<0.01	U		0.0023	J		<0.058	U	
	10 ft	VMP-32-5-072920	7/29/2020	<0.045	U		0.0011	J		0.0056	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0053	U		<0.056	U	
		VMP-32-10-102419	10/24/2019	<0.043	U		<0.018	U		0.0084	J	J	<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-32-10-012820	1/28/2020	<0.047	U		<0.019	U		<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0055	U		<0.057	U	
		VMP-32-10-042920	4/29/2020	<0.047	U		<0.02	U		0.0089	J	J	<0.0059	U		<0.0067	U		<0.01	U		<0.0056	U		<0.058	U	
	20 ft	VMP-32-10-072920	7/29/2020	<0.046	U		<0.019	U		0.0083	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U	
		VMP-32-20-012820	1/28/2020	<0.047	U		<0.019	U		<0.01	U		<0.0058	U		0.00084	J		<0.01	U		<0.0055	U		<0.057	U	
		VMP-32-20-042920	4/29/2020	<0.048	U		<0.02	U		0.011		J	<0.006	U		<0.0068	U		<0.011	U		<0.0057	U		<0.059	U	
	30 ft	VMP-32-20-072920	7/29/2020	<0.043	U		<0.018	U		0.0045	J		<0.0054	U		0.0014	J		<0.0095	U		<0.0051	U		<0.053	U	
VMP-32-30-102419		10/24/2019	<0.044	U		<0.018	U		0.0021	J	J	<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U		
VMP-32-30-012820		1/28/2020	<0.05	U		<0.021	U		<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.0059	U		<0.062	U		
VMP-32-30-072920		7/29/2020	<0.046	U		0.0012	J		0.0048	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0054	U		<0.057	U		
VMP-42	10 ft	VMP-42-10-102119	10/21/2019	<0.039	U		<0.016	U		0.0029	J		<0.0049	U		<0.0055	U		<0.0086	U		<0.0046	U		<0.048	U	
		VMP-42-10-012720	1/27/2020	<0.052	U		<0.021	U		<0.011	U	UJ	<0.0064	U		<0.0073	U		<0.011	U		<0.0061	U		<0.063	U	
		VMP-42-10-042920	4/29/2020	0.0019	J		<0.021	U		0.013		J	<0.0064	U		<0.0072	U		<0.011	U		<0.006	U		<0.063	U	
		VMP-42-10-072820	7/28/2020	<0.044	U		<0.018	U		0.0014	J		<0.0054	U		0.0009	J		<0.0096	U		<0.0051	U		0.0025	J	
	20 ft	VMP-42-20-102119	10/21/2019	<0.043	U		<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-42-20-012720	1/27/2020	<0.049	U		<0.02	U		<0.011	U	UJ	<0.0062	U		<0.007	U		<0.011	U		<0.0058	U		<0.06	U	
		VMP-42-20-042920	4/29/2020	<0.048	U		<0.02	U		0.015		J	<0.006	U		<0.0068	U		<0.011	U		<0.0057	U		<0.06	U	
		VMP-42-20-042920-DUP	4/29/2020	<0.045	U		<0.018	U		0.012		J	<0.0056	U		<0.0063	U		<0.0099	U		<0.0053	U		<0.055	U	
	30 ft	VMP-42-20-072820	7/28/2020	<0.042	U		<0.018	U		0.013			<0.0053	U		<0.006	U		<0.0093	U		<0.005	U		<0.052	U	
		VMP-42-30-102119	10/21/2019	<0.038	U		<0.016	U		<0.0083	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0045	U		<0.047	U	
		VMP-42-30-102119-DUP	10/21/2019	<0.042	U		<0.017	U		<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		0.0023	J		<0.052	U	
		VMP-42-30-012720	1/27/2020	<0.05	U		<0.021	U		<0.011	U	UJ	<0.0062	U		<0.007	U		<0.011	U		<0.0059	U		<0.061	U	
30 ft	VMP-42-30-042920	4/29/2020	<0.055	U		<0.023	U		0.017		J	<0.0068	U		<0.0077	U		<0.012	U		<0.0064	U		<0.067	U		
	VMP-42-30-072820	7/28/2020	<0.042	U		<0.017	U		0.015			<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U		

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

Location	Depth	Sample ID	Sample Date	Dichloromethane (Methylene chloride)			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Heptane			Hexachlorobutadiene		
				5.6			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-43	10 ft	VMP-43-10-102119	10/21/2019	<0.04	U		<0.017	U		0.034			<0.005	U		<0.0057	U		<0.0089	U		<0.0048	U		<0.05	U	
		VMP-43-10-012720	1/27/2020	<0.042	U		<0.017	U		<0.009	ND,UJ	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0049	U		<0.051	U	
		VMP-43-10-043020	4/30/2020	<0.047	U		<0.019	U		0.036			<0.0058	U		<0.0066	U		<0.01	U		<0.0055	U		<0.057	U	
		VMP-43-10-072820	7/28/2020	<0.046	U		<0.019	U		0.0073	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0054	U		<0.056	U	
	20 ft	VMP-43-20-102119	10/21/2019	<0.043	U		<0.018	U		0.008	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-43-20-012720	1/27/2020	<0.048	U		<0.02	U		<0.01	ND,UJ	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0056	U		<0.058	U	
		VMP-43-20-043020	4/30/2020	<0.048	U		<0.02	U		0.01	J		<0.006	U		<0.0068	U		<0.01	U		<0.0056	U		<0.059	U	
		VMP-43-20-072820	7/28/2020	<0.048	U		<0.02	U		0.0081	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0056	U		<0.058	U	
	30 ft	VMP-43-30-102119	10/21/2019	<0.043	U		<0.018	U		0.0047	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-43-30-102119-DUP	10/21/2019	<0.043	U		<0.018	U		0.0045	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-43-30-012720	1/27/2020	<0.046	U		<0.019	U		<0.0099	ND,UJ	UJ	<0.0057	U		<0.0064	U		<0.01	U		<0.0054	U		<0.056	U	
		VMP-43-30-043020	4/30/2020	<0.045	U		<0.018	U		0.011			<0.0056	U		<0.0063	U		<0.0099	U		<0.0053	U		<0.055	U	
VMP-44	10 ft	VMP-44-10-102419	10/24/2019	<0.04	U		<0.016	U		<0.0086	U	UJ	<0.005	U		<0.0056	U		<0.0088	U		<0.0047	U		<0.049	U	
		VMP-44-10-012720	1/27/2020	<0.051	U		<0.021	U		<0.011	ND,UJ	UJ	<0.0064	U		<0.0072	U		<0.011	U		<0.006	U		<0.063	U	
		VMP-44-10-043020	4/30/2020	<0.04	U		<0.017	U		0.0048	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0048	U		<0.05	U	
		VMP-44-10-072820	7/28/2020	<0.042	U		<0.017	U		<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0049	U		<0.051	U	
	20 ft	VMP-44-20-102419	10/24/2019	<0.04	U		<0.017	U		<0.0088	U	UJ	<0.005	U		<0.0057	U		<0.0089	U		<0.0048	U		<0.05	U	
		VMP-44-20-012720	1/27/2020	<0.05	U		<0.021	U		0.012	JO	J	<0.0062	U		<0.007	U		<0.011	U		<0.0059	U		<0.061	U	
		VMP-44-20-043020	4/30/2020	<0.043	U		<0.018	U		0.0048	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-44-20-072820	7/28/2020	<0.044	U		<0.018	U		0.0028	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
	30 ft	VMP-44-30-102419	10/24/2019	<0.038	U		<0.016	U		<0.0083	U	UJ	<0.0048	U		<0.0054	U		<0.0084	U		<0.0045	U		<0.047	U	
		VMP-44-30-012720	1/27/2020	<0.042	U		<0.017	U		<0.009	ND,UJ	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0049	U		<0.051	U	
		VMP-44-30-012720-DUP	1/27/2020	<0.042	U		<0.018	U		<0.0092	ND,UJ	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U	
		VMP-44-30-043020	4/30/2020	<0.044	U		<0.018	U		0.0054	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
VMP-45	10 ft	VMP-45-10-111519R	11/15/2019	<0.043	U		<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-45-10-012720	1/27/2020	<0.043	U		<0.018	U		<0.0094	ND,UJ	UJ	0.0035	J		<0.0061	U		<0.0096	U		0.0048	J		<0.053	U	
		VMP-45-10-042720	4/27/2020	<0.046	U		<0.019	U		<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U	
		VMP-45-10-072820	7/28/2020	<0.047	U		0.0016	J		0.13			<0.0059	U		<0.0066	U		<0.01	U		<0.0055	U		<0.058	U	
	20 ft	VMP-45-20-102419	10/24/2019	<0.04	U		<0.016	U		<0.0086	U	UJ	<0.005	U		<0.0056	J	U	<0.0088	U		0.0029	J		<0.049	U	
		VMP-45-20-012720	1/27/2020	<0.043	U		<0.018	U		<0.0093	ND,UJ	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-45-20-042720	4/27/2020	<0.044	U		<0.018	U		<0.0094	U		<0.0054	U		<0.0062	U		<0.0096	U		<0.0051	U		<0.054	U	
		VMP-45-20-072820	7/28/2020	<0.047	U		<0.02	U		0.0047	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0056	U		<0.058	U	
	30 ft	VMP-45-30-102419	10/24/2019	<0.041	U		<0.017	U		<0.009	U	UJ	<0.0052	U		<0.0058	U		<0.0091	U		<0.0049	U		<0.051	U	
		VMP-45-30-102419-DUP	10/24/2019	<0.04	U		<0.016	U		0.005	J	J	<0.005	U		<0.0056	U		<0.0088	U		<0.0047	U		<0.049	U	
		VMP-45-30-012720	1/27/2020	<0.048	U		<0.02	U		<0.01	ND,UJ	UJ	<0.006	U		<0.0068	U		<0.01	U		<0.0056	U		<0.059	U	
		VMP-45-30-042720	4/27/2020	<0.041	U		<0.017	U		<0.0089	U		<0.0051	U		<0.0058	U		<0.0091	U		<0.0048	U		<0.05	U	
VMP-47	5 ft	VMP-47-5-102319	10/23/2019	<0.044	U		0.0055	J		0.014			<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
		VMP-47-5-012920	1/29/2020	<0.052	U		<0.021	U		<0.011	ND,UJ	UJ	0.0092		J	<0.0073	U		<0.011	U		<0.0061	U		<0.064	U	
		VMP-47-5-012920-DUP	1/29/2020	<0.049	U		<0.02	U		<0.011	ND,UJ	UJ	0.088		J	0.0059	J		<0.011	U		<0.0058	U		<0.06	U	
		VMP-47-5-042820	4/28/2020	<0.049	U		<0.02	U		0.0069	J	J	<0.0061	U		<0.0069	U		<0.011	U		<0.0058	U		<0.06	U	
	10 ft	VMP-47-5-072720	7/27/2020	<0.043	U		<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-47-10-102319	10/23/2019	<0.046	U		<0.019	U		0.011			<0.0057	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U	
		VMP-47-10-012920	1/29/2020	<0.047	U		<0.02	U		<0.01	ND,UJ	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0056	U		<0.058	U	
		VMP-47-10-042820	4/28/2020	<0.048	U		<0.02	U		0.0062	J	J	<0.006	U		<0.0068	U		<0.01	U		<0.0056	U		<0.059	U	
	20 ft	VMP-47-10-042820-DUP	4/28/2020	<0.049	U		<0.02	U		0.0088	J	J	<0.0061	U		<0.0069	U		<0.011	U		<0.0058	U		<0.06	U	
		VMP-47-10-072720	7/27/2020	<0.041	U		<0.017	U		<0.0089	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0048	U		<0.05	U	
		VMP-47-10-072720-DUP	7/27/2020	<0.042	U		<0.017	U		<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0049	U				

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

Location	Depth	Sample ID	Sample Date	Dichloromethane (Methylene chloride)			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Heptane			Hexachlorobutadiene		
				5.6			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-48	5 ft	VMP-48-5-102119	10/21/2019	<0.044	U		<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
		VMP-48-5-012920	1/29/2020	<0.05	U		<0.021	U		<0.011	ND,UJ	UJ	<0.0063	U		<0.0071	U		<0.011	U		<0.0059	U		<0.062	U	
		VMP-48-5-042420	4/24/2020	0.0029	J		<0.021	U		0.016		J	<0.0064	U		<0.0072	U		<0.011	U		<0.006	U		<0.062	U	
		VMP-48-5-073020	7/30/2020	<0.039	U		0.0017	J		<0.0086	U		0.00056	J		<0.0056	U		<0.0087	U		<0.0046	U		<0.048	U	
	10 ft	VMP-48-10-102119	10/21/2019	<0.041	U		<0.017	U		0.007	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0049	U		<0.051	U	
		VMP-48-10-012920	1/29/2020	<0.051	U		<0.021	U		<0.011	ND,UJ	UJ	<0.0063	U		<0.0072	U		<0.011	U		<0.006	U		<0.062	U	
		VMP-48-10-042420	4/24/2020	<0.047	U		<0.02	U		0.0047	J	J	<0.0059	U		<0.0067	U		<0.01	U		<0.0056	U		<0.058	U	
		VMP-48-10-073020	7/30/2020	<0.045	U		<0.019	U		<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U		<0.0053	U		<0.055	U	
	20 ft	VMP-48-10-073020-DUP	7/30/2020	<0.042	U		<0.017	U		<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U	
		VMP-48-20-102119	10/21/2019	<0.041	U		<0.017	U		<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0049	U		<0.051	U	
	30 ft	VMP-48-30-102119	10/21/2019	<0.045	U		<0.018	U		<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		0.008			<0.055	U	
		VMP-48-30-012920	1/29/2020	<0.05	U		<0.021	U		<0.011	ND,UJ	UJ	<0.0062	U		<0.007	U		<0.011	U		<0.0059	U		<0.061	U	
VMP-48-30-073020		7/30/2020	<0.044	U		<0.018	U		<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0052	U		<0.054	U		
VMP-49	5 ft	VMP-49-5-101819	10/18/2019	<0.042	U		<0.017	U		<0.0091	U	UJ	<0.0052	U		<0.0059	U		<0.0093	U		0.0012	J		<0.052	U	
		VMP-49-5-012220	1/22/2020	<0.042	U		<0.018	U		<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U	
		VMP-49-5-042920	4/29/2020	<0.051	U		<0.021	U		0.009	J	J	<0.0064	U		<0.0072	U		<0.011	U		<0.006	U		<0.063	U	
		VMP-49-5-072420	7/24/2020	<0.043	U		<0.018	U		<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0051	U		<0.053	U	
		VMP-49-5-072420-DUP	7/24/2020	<0.046	U		<0.019	U		0.0064	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0055	U		<0.057	U	
	10 ft	VMP-49-10-101819	10/18/2019	<0.042	U		<0.017	U		0.0024	J	J	<0.0052	U		0.00053	J		<0.0092	U		<0.0049	U		<0.051	U	
		VMP-49-10-012220	1/22/2020	<0.05	U		<0.021	U		<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.0059	U		<0.062	U	
		VMP-49-10-042920	4/29/2020	<0.043	U		<0.018	U		0.015		J	<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U	
		VMP-49-10-072420	7/24/2020	<0.049	U		<0.02	U		0.0084	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0057	U		<0.06	U	
	20 ft	VMP-49-20-101819	10/18/2019	<0.048	U		<0.02	U		0.0072	J	J	<0.006	U		<0.0068	U		<0.011	U		<0.0057	U		<0.059	U	
		VMP-49-20-012220	1/22/2020	<0.046	U		<0.019	U		<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0055	U		<0.057	U	
		VMP-49-20-042920	4/29/2020	<0.043	U		<0.018	U		0.0092	J	J	<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U	
		VMP-49-20-042920-DUP	4/29/2020	<0.045	U		<0.019	U		0.0076	J	J	<0.0056	U		<0.0064	U		<0.0099	U		<0.0053	U		<0.055	U	
	30 ft	VMP-49-20-072420	7/24/2020	0.018	J		<0.017	U		0.03			<0.0052	U		<0.0058	U		<0.0091	U		<0.0049	U		<0.051	U	
		VMP-49-30-101819	10/18/2019	<0.046	U		<0.019	U		<0.01	U	UJ	<0.0058	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U	
		VMP-49-30-012220	1/22/2020	<0.045	U		<0.018	U		<0.0097	U		<0.0056	U		<0.0063	U		0.0048	J		<0.0053	U		<0.055	U	
		VMP-49-30-042920	4/29/2020	<0.044	U		<0.018	U		0.0098		J	<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
		VMP-49-30-072420	7/24/2020	<0.045	U		<0.018	U		<0.0097	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.0053	U		<0.055	U	
VMP-50	5 ft	VMP-50-5-102319	10/23/2019	<0.042	U		<0.017	U		<0.009	ND,UJ	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0049	U		<0.051	U	
		VMP-50-5-012820	1/28/2020	<0.048	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0056	U		<0.059	U	
		VMP-50-5-042820	4/28/2020	<0.046	U		<0.019	U		0.0067	J	J	<0.0058	U		<0.0065	U		<0.01	U		0.0017	J		<0.056	U	
		VMP-50-5-072720	7/27/2020	<0.044	U		<0.018	U		<0.0096	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.0052	U		<0.055	U	
	10 ft	VMP-50-10-102319	10/23/2019	<0.043	U		<0.018	U		0.012	JO	J	<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U	
		VMP-50-10-012820	1/28/2020	<0.049	U		<0.02	U		<0.011	U		<0.0061	U		0.00089	J		<0.011	U		<0.0058	U		<0.06	U	
		VMP-50-10-042820	4/28/2020	<0.048	U		<0.02	U		0.014	JO	J	<0.006	U		<0.0068	U		<0.01	U		<0.0056	U		<0.059	U	
		VMP-50-10-072720	7/27/2020	<0.041	U		<0.017	U		0.013			<0.0051	U		<0.0058	U		<0.009	U		<0.0048	U		<0.05	U	
	20 ft	VMP-50-20-102319	10/23/2019	<0.046	U		<0.019	U		<0.0099	ND,UJ	UJ	<0.0057	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U	
		VMP-50-20-012820	1/28/2020	<0.048	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0056	U		<0.059	U	
		VMP-50-20-042820	4/28/2020	<0.045	U		<0.018	U		0.01	JO	J	<0.0056	U		<0.0063	U		<0.0098	U		<0.0053	U		<0.055	U	
	30 ft	VMP-50-20-072720	7/27/2020	0.0074	J		<0.018	U		0.023			<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U	
		VMP-50-30-102319	10/23/2019	<0.18	J	U	<0.18	U		<0.095	U		0.13			0.078			<0.097	U		1.7			<0.54	U	
		VMP-50-30-012820	1/28/2020	<0.94	U		<0.39	U		<0.2	U		<0.12	U		<0.13	U		<0.21	U		<0.11	U		<1.1	U	
		VMP-50-30-042820	4/28/2020	<0.59	U		<0.24	U		<0.13	ND,UJ	UJ	0.067	J		0.021	J		<0.13	U		0.52			<0.72	U	
VMP-50-30-072720		7/27/2020	<0.43	U		<0.18	U		<0.094	U		<0.054	U		<0.061	U		<0.096	U		0.19			<0.53	U		

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

Location	Depth	Sample ID	Sample Date	Dichloromethane (Methylene chloride)			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Heptane			Hexachlorobutadiene		
				5.6			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-51-5-102519	10/25/2019	<0.046	U		<0.019	U		0.0025	J	J	<0.0057	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U	
		VMP-51-5-012820	1/28/2020	0.00099	J		<0.02	U		<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0058	U		<0.06	U	
		VMP-51-5-012820-DUP	1/28/2020	0.0011	J		<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0056	U		<0.059	U	
		VMP-51-5-042720	4/27/2020	<0.042	U		<0.017	U		<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0049	U		<0.051	U	
		VMP-51-5-072320	7/23/2020	0.14			<0.017	U		0.034			<0.0052	U		<0.0058	U		<0.0091	U		0.00088	J		<0.051	U	
	10 ft	VMP-51-10-102519	10/25/2019	<0.042	U		<0.018	U		0.0041	J	J	<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U	
		VMP-51-10-012820	1/28/2020	<0.048	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0056	U		<0.059	U	
		VMP-51-10-042720	4/27/2020	<0.045	U		<0.019	U		0.0072	J		<0.0056	U		<0.0064	U		<0.0099	U		<0.0053	U		<0.055	U	
		VMP-51-10-072320	7/23/2020	0.043			<0.017	U		0.018			0.00078	J		<0.0058	U		<0.009	U		0.0023	J		<0.05	U	
	20 ft	VMP-51-20-102519	10/25/2019	<0.044	U		<0.018	U		<0.0094	U	UJ	<0.0054	U		<0.0062	U		<0.0096	U		<0.0051	U		<0.054	U	
		VMP-51-20-022120	2/21/2020	<0.041	U		<0.017	U		<0.009	U		0.0012	J		<0.0058	U		<0.0091	U		0.0038	J		<0.051	U	
		VMP-51-20-042720	4/27/2020	<0.046	U		<0.019	U		<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U	
30 ft	VMP-51-30-102519	10/25/2019	<0.042	U		<0.018	U		<0.0092	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U		
	VMP-51-30-102519-DUP	10/25/2019	<0.043	U		<0.018	U		<0.0094	U	UJ	<0.0054	U		<0.0061	U		<0.0096	U		<0.0051	U		<0.053	U		
	VMP-51-30-012820	1/28/2020	0.0036	J		<0.019	U		<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0055	U		<0.057	U		
	VMP-51-30-042720	4/27/2020	<0.041	U		<0.017	U		0.0056	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0048	U		<0.05	U		
VMP-52	5 ft	VMP-52-5-102219	10/22/2019	<0.045	U		<0.018	U		<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.0053	U		<0.055	U	
		VMP-52-5-012320	1/23/2020	<0.051	U		<0.021	U		<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.006	U		<0.062	U	
		VMP-52-5-042720	4/27/2020	<0.04	U		<0.017	U		0.0058	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0048	U		<0.049	U	
		VMP-52-5-072320	7/23/2020	<0.041	U		0.012	J		0.0068	J		<0.0051	U		<0.0058	U		<0.009	U		0.00087	J		<0.05	U	
		VMP-52-5-072320-DUP	7/23/2020	<0.043	U		<0.018	U		0.0035	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
	10 ft	VMP-52-10-102219	10/22/2019	<0.043	U		<0.018	U		0.032			<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-52-10-042720	4/27/2020	<0.042	U		<0.017	U		0.0045	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U	
		VMP-52-20-102219	10/22/2019	<0.043	U		<0.018	U		0.0044	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-52-20-012320	1/23/2020	<0.042	U		<0.018	U		<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U	
	20 ft	VMP-52-20-042720	4/27/2020	<0.045	U		0.0052	J		<0.0098	U		<0.0056	U		<0.0064	U		<0.0099	U		<0.0053	U		<0.055	U	
		VMP-52-20-072320	7/23/2020	<0.047	U		<0.019	U		0.0032	J		<0.0059	U		<0.0066	U		<0.01	U		<0.0055	U		<0.058	U	
		VMP-52-30-102219	10/22/2019	<0.042	U		<0.017	U		0.019			<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U	
30 ft	VMP-52-30-102219-DUP	10/22/2019	<0.044	U		<0.018	U		0.018			<0.0055	U		<0.0062	U		<0.0096	U		0.0024	J		<0.054	U		
	VMP-52-30-012320	1/23/2020	<0.048	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0057	U		<0.059	U		
	VMP-52-30-042720	4/27/2020	<0.043	U		<0.018	U		0.0055	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U		
	VMP-52-30-042720-DUP	4/27/2020	<0.044	U		<0.018	U		0.0066	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U		
VMP-53	5 ft	VMP-53-5-101819	10/18/2019	<0.041	U		<0.017	U		<0.0088	U	UJ	<0.0051	U		<0.0058	U		<0.009	U		<0.0048	U		<0.05	U	
		VMP-53-5-012220	1/22/2020	<0.049	U		<0.02	U		<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0058	U		<0.06	U	
		VMP-53-5-042220	4/22/2020	<0.044	U		<0.018	U		0.0075	J		<0.0056	U		<0.0063	U		<0.0098	U		<0.0052	U		<0.055	U	
		VMP-53-5-072220	7/22/2020	<0.042	U		<0.017	U		<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0049	U		<0.051	U	
	10 ft	VMP-53-10-101819	10/18/2019	<0.048	U		<0.02	U		0.0039	J	J	<0.006	U		<0.0068	U		<0.01	U		<0.0056	U		<0.059	U	
		VMP-53-10-012220	1/22/2020	<0.041	U		<0.017	U		<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0048	U		<0.05	U	
		VMP-53-10-042220	4/22/2020	<0.044	U		<0.018	U		0.0039	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
		VMP-53-10-072220	7/22/2020	<0.046	U		0.0016	J		<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0055	U		<0.057	U	
	20 ft	VMP-53-20-101819	10/18/2019	<0.043	U		<0.018	U		<0.0093	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U	
		VMP-53-20-012220	1/22/2020	<0.043	U		<0.018	U		<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0051	U		<0.053	U	
		VMP-53-20-042220	4/22/2020	<0.045	U		<0.018	U		0.0061	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.0053	U		<0.055	U	
		VMP-53-20-072220	7/22/2020	<0.044	U		<0.018	U		0.0068	J		<0.0056	U		<0.0063	U		<0.0098	U		<0.0052	U		<0.055	U	
30 ft	VMP-53-30-101819	10/18/2019	<0.041	U		<0.017	U		<0.0088	U	UJ	<0.0051	U		<0.0058	U		<0.009	U		<0.0048	U		<0.05	U		
	VMP-53-30-101819-DUP	10/18/2019	<0.043	U		<0.018	U		<0.0093	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U		
	VMP-53-30-012220	1/22/2020	<0.045	U		<0.019	U		<0.0098	U		<0.0056	U		<0.0064	U		<0.0099	U		<0.0053	U		<0.055	U		
	VMP-53-30-012220-DUP	1/22/2020	<0.0																								

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

Location	Depth	Sample ID	Sample Date	Dichloromethane (Methylene chloride)			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Heptane			Hexachlorobutadiene			
				5.6			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-54-5-102219	10/22/2019	<0.045	U		<0.018	U		0.01			<0.0056	U		<0.0063	U		<0.0099	U		<0.0053	U		<0.055	U		
		VMP-54-5-012220	1/22/2020	<0.058	U		<0.024	U		<0.013	U		<0.0073	U		<0.0082	U		<0.013	U		<0.0069	U		<0.071	U		
		VMP-54-5-042720	4/27/2020	0.0016	J		<0.019	U		<0.0099	U		<0.0057	U		0.0027	J		<0.01	U		<0.0054	U		<0.056	U		
		VMP-54-5-052120	5/21/2020	<0.042	U		<0.017	U		<0.0091	U		0.0019	J		0.0019	J		<0.0093	U		0.0016	J		<0.052	U		
		VMP-54-5-072220	7/22/2020	0.042	J		0.004	J		0.018			<0.0055	U		<0.0062	U		<0.0097	U		<0.0052	U		<0.054	U		
	10 ft	VMP-54-10-102219	10/22/2019	<0.043	U		<0.018	U		0.011			<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U		
		VMP-54-10-031220	3/12/2020	<0.043	U		<0.018	U		0.0038	J		<0.0054	U		<0.0061	U		<0.0095	U		0.0039	J		<0.053	U		
		VMP-54-10-042720	4/27/2020	0.0018	J		<0.019	U		<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0055	U		<0.057	U		
		VMP-54-10-072220	7/22/2020	<0.046	U		<0.019	U		<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0055	U		<0.057	U		
		VMP-54-20-102219	10/22/2019	<0.046	U		<0.019	U		<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U		
	20 ft	VMP-54-20-012220	1/22/2020	<0.045	U		<0.019	U		<0.0098	U		<0.0056	U		<0.0064	U		<0.0099	U		<0.0053	U		<0.055	U		
		VMP-54-20-042720	4/27/2020	0.0016	J		<0.018	U		0.0052	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U		
VMP-54-20-072220		7/22/2020	<0.046	U		<0.019	U		<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U			
VMP-54-30-102219		10/22/2019	<0.05	U		<0.021	U		0.012			<0.0063	U		<0.0071	U		<0.011	U		<0.0059	U		<0.062	U			
VMP-54-30-012220		1/22/2020	<0.052	U		<0.022	U		<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.0062	U		<0.064	U			
30 ft	VMP-54-30-042720	4/27/2020	<0.046	U		0.0033	J		<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U			
	VMP-54-30-072220	7/22/2020	0.0023	J		0.0026	J		0.017			<0.0057	U		0.0056	J		<0.01	U		0.0046	J		<0.056	U			
	VMP-56-10-102119	10/21/2019	<0.038	U		<0.016	U		0.0034	J		<0.0048	U		<0.0054	U		<0.0084	U		<0.0045	U		<0.047	U			
	VMP-56-10-012220	1/22/2020	<0.049	U		<0.02	U		<0.011	U		<0.0061	U		<0.007	U		<0.011	U		<0.0058	U		<0.06	U			
	VMP-56-10-042420	4/24/2020	0.0025	J		0.0014	J		0.0056	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0054	U		<0.056	U			
VMP-56	10 ft	VMP-56-10-072320	7/23/2020	0.0041	J		<0.019	U		0.015			0.0073			<0.0064	U		<0.0099	U		0.14			<0.055	U		
		VMP-56-10-072320-DUP	7/23/2020	<0.048	U		<0.02	U		0.005	J		0.0051	J		<0.0068	U		<0.011	U		0.15			<0.059	U		
		VMP-56-25-102119	10/21/2019	<0.045	U		<0.018	U		0.012			0.01			0.0019	J		<0.0099	U		0.024			<0.055	U		
		VMP-56-25-012220	1/22/2020	<0.045	U		<0.019	U		<0.0098	U		<0.0056	U		<0.0064	U		<0.0099	U		<0.0053	U		<0.055	U		
		VMP-56-25-042420	4/24/2020	<0.048	U		0.026			0.0079	J		<0.006	U		<0.0068	U		<0.01	U		<0.0056	U		<0.059	U		
VMP-62	5 ft	VMP-62-5-102319	10/23/2019	<0.044	U		<0.018	U		0.0091	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U		
		VMP-62-5-012920	1/29/2020	<0.042	U		<0.017	U		<0.0091	ND,UJ	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0049	U		<0.051	U		
		VMP-62-5-042820	4/28/2020	0.0023	J		<0.019	U		0.046			J	<0.0059	U		<0.0066	U		<0.01	U		0.0012	J		<0.058	U	
		VMP-62-5-072720	7/27/2020	<0.042	U		0.0012	J		0.0025	J		<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U		
		VMP-62-10-102319	10/23/2019	<0.045	U		<0.018	U		0.0061	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.0053	U		<0.055	U		
10 ft	VMP-62-10-012920	1/29/2020	<0.044	U		<0.018	U		<0.0096	ND,UJ	UJ	<0.0055	U		<0.0063	U		<0.0098	U		<0.0052	U		<0.054	U			
	VMP-62-10-042820	4/28/2020	<0.052	U		<0.022	U		0.014			J	<0.0065	U		<0.0073	U		<0.011	U		<0.0061	U		<0.064	U		
	VMP-62-10-072720	7/27/2020	<0.039	U		<0.016	U		<0.0085	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0046	U		<0.048	U			
	VMP-62-20-102319	10/23/2019	<0.043	U		<0.018	U		0.0042	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U			
	VMP-62-20-012920	1/29/2020	<0.05	U		<0.021	U		<0.011	ND,UJ	UJ	<0.0062	U		<0.007	U		<0.011	U		<0.0059	U		<0.061	U			
20 ft	VMP-62-20-042820	4/28/2020	<0.047	U		<0.02	U		0.0056	J		J	<0.0059	U		<0.0067	U		<0.01	U		<0.0056	U		<0.058	U		
	VMP-62-20-042820-DUP	4/28/2020	<0.048	U		<0.02	U		<0.01	U		UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0056	U		<0.058	U		
	VMP-62-20-072720	7/27/2020	0.035	J		<0.017	U		0.069			<0.005	U		<0.0057	U		<0.0089	U		<0.0048	U		<0.049	U			
	VMP-62-30-102319	10/23/2019	<0.047	U		<0.019	U		0.01			<0.0058	U		<0.0066	U		<0.01	U		<0.0055	U		<0.057	U			
	VMP-62-30-012920	1/29/2020	<0.047	U		<0.019	U		<0.01	ND,UJ	UJ	<0.0058	U		<0.0066	U		<0.01	U		<0.0055	U		<0.057	U			
30 ft	VMP-62-30-042820	4/28/2020	<0.05	U		<0.021	U		0.04			J	<0.0063	U		<0.0071	U		<0.011	U		<0.0059	U		<0.062	U		
	VMP-62-30-072720	7/27/2020	<0.041	U		<0.017	U		<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0048	U		<0.05	U			

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

Location	Depth	Sample ID	Sample Date	Dichloromethane (Methylene chloride)			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Heptane			Hexachlorobutadiene		
				5.6			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-63	5 ft	VMP-63-5-102419	10/24/2019	<0.04	U		<0.017	U		<0.0088	U	UJ	<0.005	U		<0.0057	J	U	<0.0089	U		<0.0048	U		<0.05	U	
		VMP-63-5-102419-DUP	10/24/2019	<0.043	U		<0.018	U		0.0044	J	J	<0.0054	U		<0.0061	J	U	<0.0095	U		<0.0051	U		<0.053	U	
		VMP-63-5-012720	1/27/2020	<0.047	U		<0.019	U		<0.01	U	UJ	<0.0058	U		<0.0066	U		<0.01	U		<0.0055	U		<0.057	U	
		VMP-63-5-012720-DUP	1/27/2020	<0.05	U		<0.02	U		<0.011	U	UJ	<0.0062	U		<0.007	U		<0.011	U		<0.0058	U		<0.061	U	
		VMP-63-5-042420	4/24/2020	0.0024	J		<0.017	U		0.0019	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0049	U		<0.051	U	
	VMP-63-5-072820	7/28/2020	<0.043	U		<0.018	U		0.016			<0.0054	U		<0.0061	U		<0.0096	U		<0.0051	U		<0.053	U		
	10 ft	VMP-63-10-102419	10/24/2019	<0.04	U		<0.016	U		<0.0086	U	UJ	<0.005	U		<0.0056	U		<0.0088	U		<0.0047	U		<0.049	U	
		VMP-63-10-012720	1/27/2020	<0.042	U		<0.017	U		<0.0091	ND,UJ	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0049	U		<0.051	U	
		VMP-63-10-042420	4/24/2020	<0.047	U		<0.019	U		0.002	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0055	U		<0.057	U	
		VMP-63-10-072820	7/28/2020	<0.046	U		0.001	J		0.016			<0.0058	U		<0.0066	U		<0.01	U		<0.0055	U		<0.057	U	
	20 ft	VMP-63-20-102419	10/24/2019	<0.044	U		<0.018	U		0.047		J	<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
		VMP-63-20-012720	1/27/2020	<0.048	U		<0.02	U		<0.01	U	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0056	U		<0.058	U	
		VMP-63-20-042420	4/24/2020	0.003	J		<0.017	U		<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0049	U		<0.051	U	
	30 ft	VMP-63-30-102419	10/24/2019	<0.044	U		<0.018	U		<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
		VMP-63-30-012720	1/27/2020	<0.048	U		<0.02	U		<0.01	U	UJ	<0.006	U		<0.0068	U		<0.01	U		<0.0056	U		<0.059	U	
VMP-63-30-042420		4/24/2020	<0.044	U		<0.018	U		<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0052	U		<0.054	U		
VMP-63-30-072820		7/28/2020	<0.042	U		<0.018	U		0.0091	J		<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U		
VMP-63-30-072820-DUP	7/28/2020	<0.04	U		<0.017	U		0.014			<0.005	U		<0.0057	U		<0.0089	U		<0.0048	U		<0.05	U			
VMP-64	5 ft	VMP-64-5-102319	10/23/2019	<0.043	U		<0.018	U		<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-64-5-012820	1/28/2020	<0.047	U		<0.02	U		<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0056	U		<0.058	U	
		VMP-64-5-042420	4/24/2020	<0.044	U		0.001	J		0.0045	J		<0.0055	U		<0.0063	U		<0.0098	U		<0.0052	U		<0.054	U	
		VMP-64-5-072420	7/24/2020	0.0024	J		<0.018	U		0.013			<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U	
	10 ft	VMP-64-10-102319	10/23/2019	<0.044	U		<0.018	U		0.0089	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
		VMP-64-10-012820	1/28/2020	0.0012	J		<0.019	U		<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0055	U		<0.057	U	
		VMP-64-10-042420	4/24/2020	<0.04	U		<0.016	U		<0.0086	U		<0.0049	U		<0.0056	U		<0.0087	U		<0.0047	U		<0.049	U	
		VMP-64-10-072420	7/24/2020	0.0018	J		<0.018	U		<0.0094	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
	20 ft	VMP-64-20-102319	10/23/2019	<0.045	U		<0.018	U		<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.0053	U		<0.055	U	
		VMP-64-20-012820	1/28/2020	<0.05	U		<0.021	U		0.0045	J		<0.0063	U		<0.0071	U		<0.011	U		<0.0059	U		<0.062	U	
		VMP-64-20-042420	4/24/2020	0.0017	J		<0.018	U		0.0068	J		<0.0054	U		<0.0061	U		<0.0096	U		<0.0051	U		<0.053	U	
		VMP-64-20-042420-DUP	4/24/2020	<0.042	U		<0.018	U		0.0085	J		<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U	
VMP-64-20-072420	7/24/2020	<0.043	U		<0.018	U		0.0056	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U			
VMP-64-20-072420-DUP	7/24/2020	<0.043	U		<0.018	U		0.011			<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U			

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) 600			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE) 3700			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-1	5 ft	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
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	
VMP-1-5-072820	7/28/2020	<0.0042	U				<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0084	J		<0.0058	U	
8.5 ft	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	
23.5 ft	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	
	VMP-1-8.5-072820	7/28/2020	<0.0045		U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.011	J		0.0013	J	
	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	
38.5 ft	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		
	VMP-1-23.5-072820	7/28/2020	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		0.0098	J		<0.0064	U		
VMP-2	5 ft	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	
		VMP-2-5-072420	7/24/2020	<0.004	U		<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		0.017			<0.0056	U	
	8.5 ft	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	
		VMP-2-8.5-072420	7/24/2020	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.032			<0.0058	U	
	22 ft	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-2-22-072420	7/24/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.018	U		0.01	J		<0.0063	U	
VMP-3	5 ft	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
		VMP-3-5-072920	7/29/2020	0.002	J		<0.022	U		0.0072	J		0.007			<0.0054	U		<0.019	U		0.006	J		0.023		
	10 ft	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	
		VMP-3-10-072920	7/29/2020	<0.0044	U		<0.021	U		0.0024	J		<0.0062	U		<0.0052	U		<0.018	U		0.0096	J		<0.0062	U	
	22 ft	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	
			VMP-3-22-072920	7/29/2020	<0.0046	U		<0.022	U		0.004	J		<0.0065	U		<0.0054	U		<0.019	U		0.0073	J		<0.0065	J
31.5 ft	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-3-31.5-072920	7/29/2020	<0.036	U		<0.17	U		0.12			<0.051	U		<0.042	U		<0.15	U		0.014	J		<0.051	U	

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) 600			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE) 3700			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-4	5 ft	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
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	
VMP-4-5-073020	7/30/2020	<0.0043	U				<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.01	J		<0.006	U	
VMP-4-5-073020-DUP	7/30/2020	<0.0045	U				<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.018	U		0.0065	J		<0.0063	U	
12 ft	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	
	VMP-4-12-073020	7/30/2020	0.0064				<0.02	U		0.012	J		<0.0062	U		<0.0051	U		<0.018	U		0.0082	J		<0.0062	U	
23.5 ft	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	
VMP-5	5 ft	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	
		VMP-5-5-072320	7/23/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.018	U		0.003	J		<0.0063	U	
	12.5 ft	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	
		VMP-5-12.5-072320	7/23/2020	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		0.0044	J		<0.0061	U	
	31 ft	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-5-31-072320	7/23/2020	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0025	J		<0.006	U	
VMP-6	5 ft	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	
		VMP-6-5-072220	7/22/2020	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.013	U		<0.0064	U	
	10 ft	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	
		VMP-6-10-072220	7/22/2020	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		0.0054	J		0.0021	J	
	31.5 ft	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-6-31.5-072220	7/22/2020	<0.0048	U		<0.022	U		0.0045	J		<0.0067	U		<0.0056	U		<0.02	U		<0.013	J	U	<0.0067	U	
VMP-7	5 ft	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	
		VMP-7-5-073020	7/30/2020	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0089	J		<0.006	U	
	13.5 ft	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	
		VMP-7-13.5-073020	7/30/2020	<0.0045	U		0.0012	J		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.0088	J		<0.0063	U	
	29.5 ft	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																	

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) 600			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE) 3700			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-8	5 ft	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	
		VMP-8-5-072220	7/22/2020	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.01	J		<0.006	U	
	9.5 ft	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	
		VMP-8-9.5-072220	7/22/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.018	U		<0.012	J	U	<0.0063	U	
	23.5 ft	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	
VMP-8-23.5-072220		7/22/2020	<0.0042	U		0.00088	J		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		<0.012	J	U	<0.0058	U		
35.5 ft	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		
	VMP-8-35.5-072220	7/22/2020	<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-9	5 ft	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	
		VMP-9-5-072220	7/22/2020	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.013	J	U	<0.0064	U	
		VMP-9-5-072220-DUP	7/22/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.018	U		<0.012	J	U	<0.0063	U	
	11.5 ft	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	
		VMP-9-11.5-072220	7/22/2020	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		0.013			<0.0064	U	
	25.5 ft	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-9-25.5-072220	7/22/2020	<0.0045	U		<0.021	U		0.007	J		<0.0063	U		<0.0052	U		<0.018	U		0.0064	J		<0.0063	U			
VMP-18	8.5 ft	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-19-5-111519R	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-19-5-072720	7/27/2020	<0.0042	U		<0.02	U		0.0024	J		<0.0059	U		<0.0049	U		<0.017	U		<0.012	J	U	<0.0059	U			
VMP-20	5 ft	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	
		VMP-20-5-072320	7/23/2020	<0.0043	U		<0.02	U		0.0019	J		0.0006	J		<0.005	U		<0.018	U		<0.012	J	U	0.0016	J	
	10 ft	VMP-20-10-102319	10/23/2019	<0.0041	U		<0.019	U		<0.014	U		<0.0057														

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) 600			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE) 3700			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-21	5 ft	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
		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	
		VMP-21-5-072420	7/24/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.018	U		0.01	J		<0.0063	U	
	10 ft	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	
		VMP-21-10-072420	7/24/2020	<0.004	U		<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		0.02			0.0015	J	
	25 ft	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	
		VMP-21-25-072420	7/24/2020	<0.0047	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.012	J		0.0031	J	
	33 ft	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	
		VMP-21-33-072420	7/24/2020	<0.0046	U		<0.022	U		0.0091	J		<0.0065	U		<0.0054	U		<0.019	U		0.013			<0.0065	U	
VMP-22	5 ft	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	
		VMP-22-5-072320	7/23/2020	<0.0046	U		0.0019	J		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		0.0092	J		<0.0064	U	
	10 ft	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	
		VMP-22-10-072320	7/23/2020	0.0034	J		<0.02	U		0.0096	J		<0.0061	U		<0.0051	U		<0.018	U		0.009	J		<0.0061	U	
	18 ft	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	
		VMP-22-18-072320	7/23/2020	<0.0048	U		<0.022	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U		0.0021	J		<0.0068	U	
	38 ft	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-23-5-102419	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	
		VMP-23-5-072320	7/23/2020	0.087			0.0024	J		0.097			0.0013	J		<0.0052	U		<0.018	U		0.023			0.003	J	
	10 ft	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	
		VMP-23-10-072320	7/23/2020	<0.0048	U		<0.022	U		0.0023	J		0.00078	J		<0.0056	U		<0.02	U		<0.013	J	U	0.0019	J	
	25 ft	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																				

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) 600			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE) 3700			2-Propanol			n-Propylbenzene		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
				VMP-24	5 ft	VMP-24-5-102219	10/22/2019	0.0014	J		<0.02	U		<0.014	U		0.00091	J		<0.005	U		<0.018	U		<0.012	U
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	
VMP-24-5-072220	7/22/2020	<0.0044	U				<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	J	U	<0.0061	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	
	VMP-24-10-072220	7/22/2020	<0.0044		U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U	
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-24-34-072220	7/22/2020	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.013	J	U	<0.0064	U		
VMP-32	5 ft	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	
		VMP-32-5-072920	7/29/2020	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		0.0095	J		<0.0064	J	U
	10 ft	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	
		VMP-32-10-072920	7/29/2020	<0.0046	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0068	J		<0.0065	U	
	20 ft	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	
		VMP-32-20-072920	7/29/2020	<0.0044	U		<0.02	U		0.0018	J		0.0061			<0.0051	U		<0.018	U		0.0058	J		0.018		
	30 ft	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		
VMP-32-30-072920		7/29/2020	<0.0047	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0099	J		<0.0065	J	U	
VMP-42	10 ft	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	
		VMP-42-10-072820	7/28/2020	<0.0044	U		<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.018	U		0.0073	J		0.00071	J	
	20 ft	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-42-20-072820	7/28/2020	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0093	J		<0.006	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	
30 ft	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-42-30-072820	7/28/2020	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.01	J		<0.0059	U		

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) 600			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE) 3700			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-43	10 ft	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
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	
VMP-43-10-072820	7/28/2020	<0.0046	U				<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.019	U		0.0073	J		0.0009	J	
20 ft	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	
	VMP-43-20-072820	7/28/2020	<0.0048		U		<0.022	U		0.21			<0.0067	U		<0.0056	U		<0.02	U		0.016			0.0013	J	
30 ft	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-44-10-102419	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	
		VMP-44-10-072820	7/28/2020	<0.0042	U		<0.02	U		0.0071	J		<0.0059	U		<0.0049	U		<0.017	U		<0.012	J	U	<0.0059	U	
	20 ft	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	
		VMP-44-20-072820	7/28/2020	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0066	J		0.00093	J	
	30 ft	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-45-10-111519R	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	
		VMP-45-10-072820	7/28/2020	<0.0048	U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.0049	J		<0.0066	U	
	20 ft	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	
		VMP-45-20-072820	7/28/2020	<0.0048	U		<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		0.008	J		0.00092	J	
	30 ft	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	
VMP-47	5 ft	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	
		VMP-47-5-072720	7/27/2020	<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.015			<0.0061	U	
	10 ft	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	
		VMP-47-10-072720	7/27/2020	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		0.0097	J		<0.0058	U	
	20 ft	VMP-47-10-072720-DUP	7/27/2020	<0.0042	U		<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		0.012	J		<0.0059	U	
		VMP-47-20-102319	10/23/2019	<0.0045	U		<0.021	U		<0.015																	

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) 600			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE) 3700			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-48	5 ft	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
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	
VMP-48-5-073020	7/30/2020	<0.004	U				<0.018	U		<0.013	U		<0.0056	U		<0.0046	U		<0.016	U		0.0021	J		0.001	J	
10 ft	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		0.0017	J		<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	
	VMP-48-10-073020	7/30/2020	<0.0046		U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		0.0062	J		<0.0064	U	
20 ft	VMP-48-10-073020-DUP	7/30/2020	<0.0043		U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.003	J		<0.0059	U	
	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	
	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	
30 ft	VMP-48-30-073020	7/30/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.011	J		<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		
VMP-49	5 ft	VMP-49-5-072420	7/24/2020	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		0.008	J		<0.0061	U	
		VMP-49-5-072420-DUP	7/24/2020	<0.0047	U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.0071	J		<0.0066	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	
	10 ft	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	
		VMP-49-10-072420	7/24/2020	0.0012	J		<0.023	U		<0.016	U		<0.0069	U		<0.0057	U		<0.02	U		0.012	J		<0.0069	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	
	20 ft	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	
		VMP-49-20-072420	7/24/2020	0.0039	J		<0.019	U		0.022			<0.0058	U		<0.0049	U		<0.017	U		0.032			<0.0058	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	
30 ft	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-49-30-072420	7/24/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.018	U		0.014			<0.0063	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 ft	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	
		VMP-50-5-072720	7/27/2020	<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-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	
	10 ft	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	
		VMP-50-10-072720	7/27/2020	<0.0041	U		<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		0.024			<0.0058	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	
	20 ft	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	
		VMP-50-20-072720	7/27/2020	<0.0043	U		<0.02	U		0.011	J		<0.006	U		<0.005	U		<0.018	U		0.024			<0.006	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	
30 ft	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		
	VMP-50-30-072720	7/27/2020	1.2			<0.2	U		9			<0.061	U		<0.051	U		<0.18	U		<0.12	U		<0.061	U		

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) 600			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE) 3700			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-51	5 ft	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
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	
VMP-51-5-072320	7/23/2020	0.0012	J				<0.019	U		0.016			<0.0058	U		<0.0049	U		<0.017	U		0.016			<0.0058	U	
10 ft	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	
	VMP-51-10-072320	7/23/2020	0.0032		J		<0.019	U		0.0077	J		<0.0058	U		<0.0048	U		<0.017	U		0.025			<0.0058	U	
	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	
20 ft	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	
	VMP-51-20-072320	7/23/2020	<0.0046		U		<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.019	U		0.0052	J		<0.0064	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	
30 ft	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-51-30-072320	7/23/2020	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0026	J		<0.006	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 ft	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	
		VMP-52-5-072320	7/23/2020	0.002	J		0.001	J		0.003	J		<0.0058	U		<0.0048	U		<0.017	U		0.0073	J		<0.0058	U	
		VMP-52-5-072320-DUP	7/23/2020	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	J	U	<0.0061	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	
	10 ft	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	
		VMP-52-20-072320	7/23/2020	<0.0048	U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.013	J	U	<0.0066	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	
	20 ft	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-52-30-072320	7/23/2020	<0.0047	U		<0.022	U		0.0014	J		<0.0066	U		<0.0055	U		<0.019	U		<0.013	J	U	<0.0066	U	
VMP-53	5 ft	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	
		VMP-53-5-072220	7/22/2020	<0.0042	U		<0.02	U		<0.014	U		<0.0059	U		0.00087	J		<0.017	U		<0.012	J	U	<0.0059	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	
	10 ft	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	
		VMP-53-10-072220	7/22/2020	<0.0047	U		<0.022	U		0.003	J		<0.0066	U		<0.0055	U		<0.019	U		<0.013	J	U	<0.0066	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	
	20 ft	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	
		VMP-53-20-072220	7/22/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.018	U		<0.012	J	U	<0.0063	U	
		VMP-53-30-101819	10/18/2019	<0.0041	U		<0.019	U		<0.014	U		<0.0058	U													

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) 600			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE) 3700			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-54	5 ft	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
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	
VMP-54-5-072220	7/22/2020	<0.0045	U			<0.021	U		0.0064	J		<0.0062	U		<0.0052	U		<0.018	U		0.012	J		<0.0062	U		
10 ft	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	
	VMP-54-10-072220	7/22/2020	<0.0047		U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.004	J		<0.0066	U	
20 ft	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	
	VMP-54-20-072220	7/22/2020	<0.0046	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0028	J		<0.0065	U		
30 ft	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-54-30-072220	7/22/2020	0.01			<0.021	U		0.018			0.022			<0.0053	U		<0.019	U		0.028			0.074			
VMP-56	10 ft	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	
		VMP-56-10-072320	7/23/2020	0.12			<0.021	U		0.022			0.0012	J		<0.0053	U		<0.019	U		0.032			<0.0064	U	
	VMP-56-10-072320-DUP	7/23/2020	0.12			<0.023	U		0.02			0.00096	J		<0.0057	U		<0.02	U		0.011	J		<0.0068	U		
	25 ft	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-56-25-072320		7/23/2020	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	J	U	<0.0061	U		
VMP-62	5 ft	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	
		VMP-62-5-072720	7/27/2020	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0029	J		<0.006	U	
	10 ft	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	
		VMP-62-10-072720	7/27/2020	<0.004	U		<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		0.0048	J		<0.0055	U	
	20 ft	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	
VMP-62-20-072720	7/27/2020	<0.0041	U		<0.019	U		0.042			<0.0057	U		<0.0048	U		<0.017	U		0.044			<0.0057	U			
30 ft	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-62-30-072720	7/27/2020	<0.0041	U		<0.019	U		<0.014	U		<0.0058	U		0.0082			<0.017	U		0.0086	J		<0.0058	U		

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) 600			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE) 3700			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-63	5 ft	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
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	
VMP-63-5-072820	7/28/2020	0.0017	J			<0.02	U		0.0034	J		<0.0061	U		<0.0051	U		<0.018	U		0.013			<0.0061	U		
10 ft	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	
	VMP-63-10-072820	7/28/2020	<0.0047		U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.0084	J		<0.0066	U	
20 ft	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-63-30-102419	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		
	VMP-63-30-072820	7/28/2020	<0.0043	U		<0.02	U		0.0034	J		<0.006	U		<0.005	U		<0.018	U		0.011	J		<0.006	U		
VMP-63-30-072820-DUP	7/28/2020	<0.0041	U		<0.019	U		0.0034	J		<0.0057	U		<0.0048	U		<0.017	U		0.0088	J		<0.0057	U			
VMP-64	5 ft	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	
		VMP-64-5-072420	7/24/2020	0.0013	J		<0.02	U		0.0068	J		<0.006	U		<0.005	U		<0.018	U		0.0079	J		<0.006	U	
	10 ft	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	
		VMP-64-10-072420	7/24/2020	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		0.0034	J		<0.0061	U	
	20 ft	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	
VMP-64-20-072420	7/24/2020	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		0.003	J		<0.0061	U			
VMP-64-20-072420-DUP	7/24/2020	<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		0.0065	J		<0.0061	U			

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-1-5-102419	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	
		VMP-1-5-072820	7/28/2020	<0.0081	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0064	U	
	8.5 ft	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	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	
		VMP-1-8.5-072820	7/28/2020	<0.0086	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		0.001	J	
	23.5 ft	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	
VMP-1-23.5-072820		7/28/2020	<0.0089	U		<0.009	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.039	U		<0.0071	U		0.00082	J		
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-1-38.5-072820	7/28/2020	<0.0086	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0068	U		
VMP-2	5 ft	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	
		VMP-2-5-072420	7/24/2020	<0.0049	U		<0.0079	U		0.012			<0.0034	U		<0.0043	U		<0.034	U		<0.0063	U		<0.0062	U	
	8.5 ft	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-2-8.5-072420	7/24/2020	<0.0051	U		<0.0082	U		0.0092			<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0064	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-2-22-072420	7/24/2020	<0.0054	U		<0.0088	U		0.0059	J		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.0069	U			
VMP-3	5 ft	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	
		VMP-3-5-072920	7/29/2020	<0.0091	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		0.0019	J		<0.0071	U	
	10 ft	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	
		VMP-3-10-072920	7/29/2020	<0.0086	U		0.00078	J		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	J	U	<0.0069	U		<0.0068	U	
	22 ft	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	
VMP-3-22-072920	7/29/2020	<0.009	U		<0.0091	U		0.02			<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		0.0016	J			
31.5 ft	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-3-31.5-072920	7/29/2020	<0.07	U		<0.071	U		<0.07	U		<0.03	U		<0.039	U		<0.3	U		<0.056	U		<0.055	U			

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			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-4	5 ft	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	
		VMP-4-5-073020	7/30/2020	<0.0084	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	J	U	<0.0067	U		<0.0066	U	
		VMP-4-5-073020-DUP	7/30/2020	<0.0088	U		<0.0088	U		<0.0087	U		<0.0038	U		0.001	J		<0.038	U		<0.007	U		<0.0069	U	
	12 ft	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	
		VMP-4-12-073020	7/30/2020	<0.0086	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0012	J		<0.037	U		<0.0068	U		<0.0067	U	
	23.5 ft	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	
VMP-4-23.5-073020	7/30/2020	<0.0087	U		<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.0068	U			
VMP-5	5 ft	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	
		VMP-5-5-072320	7/23/2020	<0.0088	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		0.00078	J	
	12.5 ft	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	
		VMP-5-12.5-072320	7/23/2020	<0.0084	U		<0.0085	U		<0.0084	U		<0.0036	U		0.00095	J		<0.037	U		<0.0068	U		<0.0067	U	
	31 ft	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-5-31-072320	7/23/2020	<0.0083	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
VMP-5-31-072320-DUP	7/23/2020	<0.0086	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-6-5-102519	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	
		VMP-6-5-072220	7/22/2020	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.007	U	
	10 ft	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	
		VMP-6-10-072220	7/22/2020	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.007	U	
	31.5 ft	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-6-31.5-072220	7/22/2020	<0.0058	U		<0.0094	U		0.0038	J		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0073	U	
VMP-7	5 ft	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	
		VMP-7-5-073020	7/30/2020	<0.0083	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		0.0012	J		<0.0066	U		<0.0065	U	
	13.5 ft	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	
		VMP-7-13.5-073020	7/30/2020	<0.0088	U		<0.0088	U		0.0026	J		<0.0038	U		0.00099	J		<0.038	U		<0.007	U		<0.0069	U	
	29.5 ft	VMP-7-29.5-102419	10/24/2019	<0.0048	U		<																				

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-8	5 ft	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	
		VMP-8-5-072220	7/22/2020	<0.0052	U		<0.0084	U		0.22			<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		0.0053	J	
	9.5 ft	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	
		VMP-8-9.5-072220	7/22/2020	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.0069	U	
		VMP-8-9.5-072220-DUP	7/22/2020	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0.0065	U	
	23.5 ft	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		
VMP-8-23.5-072220		7/22/2020	<0.005	U		<0.0081	U		0.016			<0.0035	U		<0.0044	U		<0.035	U		0.00075	J		0.0053	J		
35.5 ft	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		
	VMP-8-35.5-072220	7/22/2020	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.00042	J		<0.036	U		<0.0066	U		<0.0065	U		
VMP-9	5 ft	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	
		VMP-9-5-072220	7/22/2020	<0.0056	U		<0.009	U		0.0043	J		<0.0038	U		<0.0049	U		<0.039	U		<0.0071	U		0.0013	J	
		VMP-9-5-072220-DUP	7/22/2020	<0.0054	U		<0.0088	U		0.057			<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		0.017		
	11.5 ft	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	
		VMP-9-11.5-072220	7/22/2020	<0.0055	U		<0.0089	U		0.0011	J		<0.0038	U		0.00098	J		<0.038	U		<0.0071	U		<0.007	U	
	25.5 ft	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-9-25.5-072220	7/22/2020	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0022	J		<0.038	U		<0.007	U		<0.0069	U			
VMP-18	8.5 ft	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-19-5-111519R	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-19-5-072720	7/27/2020	<0.0082	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		0.0032	J			
VMP-20	5 ft	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	
		VMP-20-5-072320	7/23/2020	<0.0083	U		<0.0																				

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-21	5 ft	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	
		VMP-21-5-072420	7/24/2020	<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-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-21-10-072420	7/24/2020	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0063	U		<0.0062	U	
		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-21-25-072420	7/24/2020	<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-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		
VMP-22	5 ft	VMP-21-33-072420	7/24/2020	<0.0056	U		<0.0091	U		0.0037	J		<0.0039	U		0.0021	J		<0.039	U		<0.0072	U		<0.0071	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-22-5-072320	7/23/2020	<0.0088	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.007	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-22-10-072320	7/23/2020	<0.0084	U		<0.0085	U		0.014			<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0067	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-22-18-072320	7/23/2020	<0.0094	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0074	U		
	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-23	5 ft	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-23-5-102419	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	
	10 ft	VMP-23-5-042820	4/28/2020	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		<0.0046	U		<0.037	U		<0.0068	U		<0.0067	U	
		VMP-23-5-072320	7/23/2020	<0.0087	U		<0.0088	U		<0.0087	U		<0.0038	U		0.034			<0.038	U		<0.007	U		0.00093	J	
		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	
	25 ft	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	
		VMP-23-10-072320	7/23/2020	<0.0093	U		<0.0093	U		0.0022	J		<0.004	U		<0.0051	U		<0.04	J	U	<0.0074	U		<0.0073	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	
25 ft	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																					

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			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-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	
	VMP-24-5-072220	7/22/2020	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		0.0008	J		<0.037	U		<0.0068	U		<0.0067	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	
		VMP-24-10-072220	7/22/2020	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0066	U	
	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		
VMP-24-22-072220	7/22/2020	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.0014	J		<0.035	U		<0.0064	U		<0.0063	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-24-34-072220	7/22/2020	<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-32	5 ft	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	
		VMP-32-5-072920	7/29/2020	<0.0089	U		<0.009	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.039	U		<0.0071	U		<0.007	U	
	10 ft	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	
		VMP-32-10-072920	7/29/2020	<0.009	U		<0.009	U		0.003	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0071	U	
	20 ft	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	
		VMP-32-20-072920	7/29/2020	<0.0085	U		<0.0085	U		<0.0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0067	U	
	30 ft	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		
VMP-32-30-072920		7/29/2020	<0.0091	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0071	U		
VMP-42	10 ft	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	
		VMP-42-10-072820	7/28/2020	<0.0086	U		0.0012	J		<0.0085	U		<0.0037	U		<0.0047	U		0.0021	J		<0.0068	U		0.0012	J	
	20 ft	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	
	VMP-42-20-072820	7/28/2020	<0.0083	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U		
	30 ft	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-42-30-072820	7/28/2020	<0.0082	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U			

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-43	10 ft	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	
		VMP-43-10-072820	7/28/2020	<0.0089	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.007	U	
	20 ft	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	
		VMP-43-20-072820	7/28/2020	<0.0093	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-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-44-10-102419	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	
		VMP-44-10-072820	7/28/2020	<0.0081	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-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	
		VMP-44-20-072820	7/28/2020	<0.0086	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
	30 ft	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-45-10-111519R	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	
		VMP-45-10-072820	7/28/2020	<0.0092	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0072	U	
	20 ft	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	
		VMP-45-20-072820	7/28/2020	<0.0093	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0073	U	
	30 ft	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	
VMP-47	5 ft	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-47-5-072720	7/27/2020	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.00086	J		<0.037	U		<0.0067	U		0.0038	J	
		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	
		VMP-47-10-072720	7/27/2020	<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-47-10-072720-DUP	7/27/2020	<0.0051	U																						

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-48	5 ft	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	
		VMP-48-5-073020	7/30/2020	<0.0077	U		<0.0078	U		0.046			<0.0033	U		<0.0043	U		<0.034	U		<0.0062	U		0.0071		
	10 ft	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	
		VMP-48-10-073020	7/30/2020	<0.0088	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-48-10-073020-DUP	7/30/2020	<0.0082	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U	
		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-48-30-102119	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-48-30-073020	7/30/2020	<0.0086	U		<0.0087	U		<0.0053	J		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0068	U		
VMP-49	5 ft	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	
		VMP-49-5-072420	7/24/2020	<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-49-5-072420-DUP	7/24/2020	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		<0.005	J	U	<0.04	U		<0.0073	U		<0.0072	U	
	10 ft	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	
		VMP-49-10-072420	7/24/2020	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	J	U	<0.042	U		<0.0076	U		<0.0075	U	
	20 ft	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-49-20-072420	7/24/2020	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.0055			<0.035	U		<0.0065	U		<0.0064	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-50	5 ft	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-50-5-072720	7/27/2020	<0.0054	U		<0.0088	U		0.016			<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.0069	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		
	VMP-50-10-072720	7/27/2020	<0.005	U		<0.008	U		0.018			<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0063	U		
20 ft	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		
	VMP-50-20-072720	7/27/2020	<0.0052	U		<0.0084	U		0.013			<0.0036	U		0.002	J		<0.036	U		<0.0067	U		<0.0066	U		
30 ft	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		
	VMP-50-30-072720	7/27/2020	<0.053	U		<0.086	U		<0.085	U		<0.037	U		<0.047	U		<0.37	U		<0.068	U		<0.067	U		

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			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-51-5-102519	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	
		VMP-51-5-072320	7/23/2020	<0.0081	U		<0.0082	U		0.0044	J		<0.0035	U		0.014			<0.035	U		<0.0065	U		0.00083	J	
	10 ft	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	
		VMP-51-10-072320	7/23/2020	<0.008	U		<0.008	U		0.0031	J		<0.0034	U		0.0063			<0.035	U		<0.0064	U		<0.0063	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	
	20 ft	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	
		VMP-51-20-072320	7/23/2020	<0.0089	U		<0.009	U		0.0088	J		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.007	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	
30 ft	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-51-30-072320	7/23/2020	<0.0083	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	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 ft	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	
		VMP-52-5-072320	7/23/2020	<0.008	U		<0.008	U		0.0034	J		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0063	U	
		VMP-52-5-072320-DUP	7/23/2020	<0.0084	U		<0.0085	U		0.0014	J		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0067	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	
	10 ft	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	
		VMP-52-20-072320	7/23/2020	<0.0092	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0072	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	
	20 ft	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-52-30-072320	7/23/2020	<0.0091	U		<0.0092	U		<0.009	U		<0.0039	U		<0.005	U		<0.04	U		<0.0073	U		<0.0072	U	
VMP-53	5 ft	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	
		VMP-53-5-072220	7/22/2020	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.00042	J		<0.035	U		<0.0065	U		<0.0064	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	
	10 ft	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	
		VMP-53-10-072220	7/22/2020	<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-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	
	20 ft	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	
		VMP-53-20-072220	7/22/2020	<0.0054	U		<0.0088	U		0.0081	J		<0														

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			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-54-5-102219	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	
		VMP-54-5-072220	7/22/2020	<0.0054	U		<0.0087	U		0.0048	J		<0.0037	U		0.0034	J		<0.038	U		<0.0069	U		<0.0068	U	
	10 ft	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
		VMP-54-10-072220	7/22/2020	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		<0.005	U		<0.04	U		<0.0073	U		<0.0072	U	
	20 ft	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-54-30-102219	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-54-30-072220	7/22/2020	<0.0056	U		<0.009	U		0.004	J		<0.0038	U		0.0011	J		<0.039	U		<0.0071	U		<0.007	U		
VMP-56	10 ft	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	
		VMP-56-10-072320	7/23/2020	<0.0088	U		<0.0089	U		<0.0088	U		<0.0038	U		0.052			<0.038	J	U	<0.0071	U		<0.007	U	
		VMP-56-10-072320-DUP	7/23/2020	<0.0094	U		<0.0095	U		0.0013	J		<0.0041	U		0.042			<0.041	U		<0.0076	U		<0.0074	U	
	25 ft	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-62	5 ft	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	
		VMP-62-5-072720	7/27/2020	<0.0083	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
	10 ft	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	
		VMP-62-10-072720	7/27/2020	<0.0077	U		<0.0077	U		0.0014	J		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.006	U	
	20 ft	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-62-30-072720	7/27/2020	<0.0049	U		<0.008	U		<0.0079	U		<0.0034	U		0.014			<0.034	U		<0.0063	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-62-30-072720	7/27/2020	<0.005	U		<0.0081	U		0.0096			<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0063	U			

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			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-63	5 ft	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	
	VMP-63-5-072820	7/28/2020	<0.0085	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		0.00099	J		
	10 ft	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	
		VMP-63-10-072820	7/28/2020	<0.0091	U		<0.0092	U		<0.0091	U		<0.004	U		<0.005	U		<0.04	U		<0.0073	U		<0.0072	U	
	20 ft	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	U	<0.036	J	U	<0.0065	U		<0.0064	U	
		VMP-63-20-072820	7/28/2020	<0.0083	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		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	
30 ft	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		
	VMP-63-30-072820	7/28/2020	<0.0083	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		
	VMP-63-30-072820-DUP	7/28/2020	<0.0079	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0063	U		
VMP-64	5 ft	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	
		VMP-64-5-072420	7/24/2020	<0.0052	U		<0.0084	U		0.0022	J		<0.0036	U		0.0017	J		<0.036	U		<0.0066	U		<0.0066	U	
	10 ft	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	
		VMP-64-10-072420	7/24/2020	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0067	U	
	20 ft	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	
20 ft	VMP-64-20-072420	7/24/2020	<0.0053	U		<0.0085	U		0.12			<0.0036	U		<0.0047	U		<0.037	U		0.0017	J		<0.0067	U		
	VMP-64-20-072420-DUP	7/24/2020	<0.0053	U		<0.0085	U		0.13			<0.0037	U		<0.0047	U		<0.037	U		0.0015	J		<0.0067	U		

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-1-5-102419	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	
		VMP-1-5-072820	7/28/2020	0.00085	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
	8.5 ft	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-1-23.5-102419	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	
		VMP-1-23.5-072820	7/28/2020	0.0009	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	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-1-38.5-072820	7/28/2020	0.00087	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U		
VMP-2	5 ft	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	
		VMP-2-5-072420	7/24/2020	0.0022	J		<0.0056	U		<0.0056	U		<0.0054	U		<0.0029	U		<0.005	U		<0.005	U	
	8.5 ft	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	
		VMP-2-8.5-072420	7/24/2020	0.0025	J		<0.0058	U		<0.0058	U		0.0015	J		<0.003	U		<0.0052	U		<0.0052	U	
	22 ft	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-2-22-072420	7/24/2020	0.0028	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
VMP-3	5 ft	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	
		VMP-3-5-072920	7/29/2020	<0.0075	U		0.0013	J		<0.0065	U		0.036			<0.0034	U		<0.0058	U		<0.0058	U	
	10 ft	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	
		VMP-3-10-072920	7/29/2020	<0.0071	U		<0.0062	U		<0.0062	U		0.004	J		<0.0032	U		<0.0055	U		<0.0055	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		
	22 ft	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	
		VMP-3-22-072920	7/29/2020	<0.0074	U		<0.0065	U		<0.0065	U		0.004	J		<0.0034	U		<0.0057	U		<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	
31.5 ft	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-3-31.5-072920	7/29/2020	<0.058	U		<0.051	U		<0.051	U		12			<0.026	U		<0.045	U		<0.045	U		

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-4	5 ft	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	
		VMP-4-5-073020	7/30/2020	0.0011	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-4-5-073020-DUP	7/30/2020	<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	12 ft	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-4-23.5-102119	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		
VMP-5	5 ft	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	
		VMP-5-5-072320	7/23/2020	<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	12.5 ft	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-5-31-102119	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-6-5-102519	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	
		VMP-6-5-072220	7/22/2020	0.0032	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U	
	10 ft	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-6-31.5-102519	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-7-5-102419	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	
		VMP-7-5-073020	7/30/2020	0.0011	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
	13.5 ft	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-7-29.5-102419	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	
29.5 ft	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-7-29.5-073020	7/30/2020	0.0009	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U		

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-101819	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	
		VMP-8-5-072220	7/22/2020	0.0016	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
	9.5 ft	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	
		VMP-8-9.5-072220	7/22/2020	0.0015	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-8-9.5-072220-DUP	7/22/2020	0.0017	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	23.5 ft	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		
VMP-8-23.5-072220		7/22/2020	0.0015	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		0.00046	J		<0.0051	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		
35.5 ft	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		
	VMP-8-35.5-072220	7/22/2020	0.0018	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<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 ft	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	
		VMP-9-5-072220	7/22/2020	0.0018	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-9-5-072220-DUP	7/22/2020	0.0021	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		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	
	11.5 ft	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	
		VMP-9-11.5-072220	7/22/2020	0.0014	J		<0.0064	U		<0.0064	U		0.001	J		<0.0033	U		<0.0056	J	U	<0.0056	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	
	25.5 ft	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-9-25.5-072220		7/22/2020	0.0015	J		<0.0063	U		<0.0063	U		0.00089	J		<0.0033	U		<0.0056	U		<0.0056	U		
VMP-18	8.5 ft	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-19-5-111519R	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-19-5-072720	7/27/2020	0.0011	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
VMP-20	5 ft	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	
		VMP-20-5-072320	7/23/2020	0.0014	J		<0.006	U		<0.006	U		0.0098			<0.0031	U		<0.0053	U		<0.0053	U	
	10 ft	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	
		VMP-20-10-072320	7/23/2020	0.0017	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	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	

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-21	5 ft	VMP-21-5-102319	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	
		VMP-21-5-072420	7/24/2020	<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	10 ft	VMP-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-21-10-072420	7/24/2020	0.0017	J		<0.0056	U		<0.0056	U		0.0039	J		<0.0029	U		<0.005	U		<0.005	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-21-25-072420	7/24/2020	<0.0075	U		<0.0065	U		<0.0065	U		0.008			<0.0034	U		<0.0058	U		<0.0058	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		
VMP-22	5 ft	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	
		VMP-22-5-072320	7/23/2020	0.001	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U	
	10 ft	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	
		VMP-22-10-072320	7/23/2020	<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
	18 ft	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	
		VMP-22-18-072320	7/23/2020	0.001	J		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
	38 ft	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-23	5 ft	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	
		VMP-23-5-072320	7/23/2020	0.0009	J		0.0013	J		<0.0063	U		0.0084			<0.0033	U		0.0068			0.0029	J	
	10 ft	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	
		VMP-23-10-072320	7/23/2020	0.0015	J		<0.0067	U		<0.0067	U		0.015			<0.0035	U		<0.0059	U		<0.0059	U	
25 ft	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-23-25-072320	7/23/2020	0.0012	J		0.0026	J		<0.0066	U		0.082			<0.0034	U		<0.0058	U		<0.0058	U			

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-102219	10/22/2019	0.0011	J		0.0085	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	
	VMP-24-5-072220	7/22/2020	0.0024	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	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	
		VMP-24-10-072220	7/22/2020	0.0019	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	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		
VMP-24-22-072220	7/22/2020	0.0025	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	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-24-34-072220	7/22/2020	0.0018	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U		
VMP-32	5 ft	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	
		VMP-32-5-072920	7/29/2020	<0.0073	U		<0.0064	U		<0.0064	U		0.0046	J		<0.0033	U		<0.0057	U		<0.0057	U	
	10 ft	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	
		VMP-32-10-072920	7/29/2020	<0.0074	U		<0.0065	U		<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
	20 ft	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	
		VMP-32-20-072920	7/29/2020	0.00086	J		<0.0061	J	U	<0.0061	U		0.027			<0.0032	U		<0.0054	U		<0.0054	U	
	30 ft	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		
VMP-32-30-072920		7/29/2020	0.00096	J		<0.0065	U		<0.0065	U		0.0019	J		<0.0034	U		<0.0058	U		<0.0058	U		
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 ft	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	
		VMP-42-10-072820	7/28/2020	<0.007	U		0.0012	J		<0.0062	U		<0.0059	U		<0.0032	U		<0.0054	U		<0.0054	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	
	20 ft	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	
		VMP-42-20-072820	7/28/2020	0.0012	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
30 ft	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-42-30-072820	7/28/2020	0.0013	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U			

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	Result (mg/m ³)
VMP-43	10 ft	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		
		VMP-43-10-072820	7/28/2020	0.00087	J		<0.0064	U		<0.0064	U		0.00066	J		<0.0033	U		<0.0057	U		<0.0057	U		
	20 ft	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		
		VMP-43-20-072820	7/28/2020	<0.0077	U		<0.0067	U		<0.0067	U		0.89			<0.0035	U		<0.0059	U		<0.0059	U		
	30 ft	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-43-30-072820	7/28/2020	0.00092	J		<0.0065	U		<0.0065	U		0.0039	J		<0.0034	U		<0.0057	U		<0.0057	U		
VMP-44	10 ft	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		
		VMP-44-10-072820	7/28/2020	<0.0067	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U		
	20 ft	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		
		VMP-44-20-072820	7/28/2020	0.0011	J		<0.0062	U		<0.0062	U		0.00056	J		<0.0032	U		<0.0055	U		<0.0055	U		
	30 ft	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-45-10-111519R	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		
		VMP-45-10-072820	7/28/2020	0.0011	J		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0059	U		<0.0059	U		
	20 ft	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		
		VMP-45-20-072820	7/28/2020	0.0009	J		<0.0067	U		<0.0067	U		0.00066	J		<0.0035	U		<0.0059	U		<0.0059	U		
	30 ft	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		
		VMP-45-30-072820	7/28/2020	0.0012	J		<0.0072	U		<0.0072	U		0.0046	J		<0.0038	U		<0.0064	U		<0.0064	U		
VMP-47	5 ft	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		
			VMP-47-5-072720	7/27/2020	0.0023	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
	10 ft	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		
			VMP-47-10-072720	7/27/2020	0.0019	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
			VMP-47-10-072720-DUP	7/27/2020	0.0022	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	20 ft	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		<							

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-48	5 ft	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	
		VMP-48-5-073020	7/30/2020	0.0022	J		0.0012	J		<0.0056	U		0.0013	J		<0.0029	U		0.0013	J		<0.0049	U	
	10 ft	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	
		VMP-48-10-073020	7/30/2020	0.0016	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U	
	20 ft	VMP-48-10-073020-DUP	7/30/2020	0.0014	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		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-48-30-102119	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-48-30-073020	7/30/2020	0.03			<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U			
VMP-49	5 ft	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	
		VMP-49-5-072420	7/24/2020	<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-49-5-072420-DUP	7/24/2020	<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
	10 ft	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	
		VMP-49-10-072420	7/24/2020	<0.0079	U		<0.0069	U		<0.0069	U		<0.0065	U		<0.0036	U		<0.0061	U		<0.0061	U	
	20 ft	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-49-20-072420	7/24/2020	<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	J	U	<0.0052	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-50	5 ft	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-49-30-072420	7/24/2020	0.027			<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
VMP-50	5 ft	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	
		VMP-50-5-072720	7/27/2020	<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	10 ft	VMP-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	
		VMP-50-10-072720	7/27/2020	0.0024	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
	20 ft	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	
		VMP-50-20-072720	7/27/2020	<0.0069	U		<0.006	U		<0.006	U		0.0026	J		<0.0031	U		<0.0053	U		<0.0053	U	
30 ft	VMP-50-30-102319	10/23/2019	<0.071	U		<0.062	U		<0.019			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		
	VMP-50-30-072720	7/27/2020	<0.07	U		<0.061	U		0.01	J		3.9			<0.032	U		<0.054	U		<0.054	U		

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-51-5-102519	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	
		VMP-51-5-072320	7/23/2020	0.001	J		<0.0058	U		<0.0058	U		0.0033	J		<0.003	U		<0.0052	U		<0.0052	U	
	10 ft	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-51-10-072320	7/23/2020	0.0017	J		<0.0058	U		<0.0058	U		0.0028	J		<0.003	U		0.0013	J		0.00054	J	
		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-51-20-072320	7/23/2020	0.002	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	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-52	5 ft	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-51-30-072320	7/23/2020	0.0019	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	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-52-5-072320	7/23/2020	0.0011	J		<0.0058	U		<0.0058	U		0.001	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-52-5-072320-DUP	7/23/2020	0.0012	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	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	
	20 ft	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	
		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-52-20-072320	7/23/2020	0.00092	J		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0059	U		<0.0059	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-53	5 ft	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-52-30-072320	7/23/2020	0.001	J		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		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	
	10 ft	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	
		VMP-53-5-072220	7/22/2020	0.0019	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	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	
	20 ft	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	
		VMP-53-10-072220	7/22/2020	0.0016	J		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	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	
	30 ft	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		
VMP-53-20-072220		7/22/2020	0.002	J		<0.0063	U		<0.0063	U		<0.006	U		<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		
30 ft	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		
	VMP-																							

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	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-54	5 ft	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		0.0027	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				
		VMP-54-5-072220	7/22/2020	0.0017	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U				
	10 ft	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				
		VMP-54-10-072220	7/22/2020	0.0015	J		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U				
	20 ft	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-54-20-072220	7/22/2020	0.0016	J		<0.0065	U		<0.0065	U		<0.0061	U		0.0022	J		<0.0057	U		<0.0057	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-54-30-072220	7/22/2020	0.0024	J		0.0036	J		<0.0064	U		0.14			<0.0033	U		0.0015	J		<0.0057	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				
		VMP-56-10-072320	7/23/2020	0.00096	J		0.00081	J		<0.0064	U		0.57			<0.0033	U		0.0053	J		0.00068	J				
	25 ft	VMP-56-10-072320-DUP	7/23/2020	<0.0078	U		<0.0068	U		<0.0068	U		0.6			<0.0035	U		0.0022	J		<0.006	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-56-25-072320	7/23/2020	0.001	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U				
		VMP-62	5 ft	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				
VMP-62-5-072720	7/27/2020			0.0015	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U				
10 ft	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-62-10-072720	7/27/2020	0.0012	J		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	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					
	VMP-62-20-072720	7/27/2020	0.002	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	J	U	<0.005	U					
30 ft	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-62-30-072720	7/27/2020	0.002	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U					

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

Location	Depth	Sample ID	Sample Date	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-63	5 ft	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	
	VMP-63-5-072820	7/28/2020	0.00088	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U		
	10 ft	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	
		VMP-63-10-072820	7/28/2020	<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
	20 ft	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	
		VMP-63-20-072820	7/28/2020	0.001	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
	30 ft	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		
VMP-63-30-072820		7/28/2020	0.001	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U		
VMP-63-30-072820-DUP	7/28/2020	0.00093	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U			
VMP-64	5 ft	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	
		VMP-64-5-072420	7/24/2020	0.0038	J		<0.006	U		0.00073	J		<0.0057	U		<0.0031	U		<0.0053	J	U	<0.0053	U	
	10 ft	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	
		VMP-64-10-072420	7/24/2020	0.0018	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
	20 ft	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	
VMP-64-20-072420	7/24/2020	0.0018	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U			
VMP-64-20-072420-DUP	7/24/2020	<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U			

Notes:

Analytes shown were detected in at least one location on Table 5 or Table 6 during the currently 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)

JO = Estimated value due to bias in the CCV

AECOM Qualifiers

J = Estimated detection

UJ = Estimated non-detect

U = Non-detect due to blank contamination

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-10-5-102519	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	
		VMP-10-5-073020	7/30/2020	0.013	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		0.002	J		<0.016	U	
	10 ft	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	
		VMP-10-10-073020	7/30/2020	0.028	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		0.0067	J		0.0058	J	
	20 ft	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-10-20-073020	7/30/2020	0.016	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		0.0023	J		<0.016	U	
VMP-11	5 ft	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-11-8-102519	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	
		VMP-11-8-072720	7/27/2020	0.019	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		0.0025	J		0.0021	J	
	29 ft	VMP-11-8-072720-DUP	7/27/2020	0.013	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		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		<0.016	J		0.0021	J		<0.016	U	
	38 ft	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	
		VMP-11-29-072720	7/27/2020	0.023	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		0.0083	J		0.0031	J		<0.015	U	
		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-12	5 ft	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-11-38-072720			7/27/2020	0.039			<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.0079	J		0.0021	J	
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		
11.5 ft	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		
	VMP-12-5-072920	7/29/2020	0.02	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		0.0033	J		<0.015	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		
	VMP-12-11.5-072920	7/29/2020	0.018	J		0.0012	J		<0.0085	U		<0.013	U		<0.049	U		<0.017	J		<0.015	U		0.0019	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-12-25-072920	7/29/2020	1	J		2.1			<2.5	U		<3.9	U		<15	U		140			<4.4	U		<4.7	U		
VMP-12-25-072920-DUP	7/29/2020	1.2	J		2.1			<2.4	U		<3.7	U		<14	U		140			<4.2	U		0.6	J			

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			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-13	5 ft	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	
		VMP-13-5-073020	7/30/2020	0.026	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		0.011	J		0.004	J		<0.016	U	
	10.5 ft	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-13-21.5-102819	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-13-21.5-073020	7/30/2020	0.0079	J		0.0012	J		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
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		
VMP-13-29.5-073020		7/30/2020	0.023	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		0.0016	J		<0.016	U		
VMP-14	5 ft	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	
		VMP-14-5-073020	7/30/2020	0.016	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		0.0015	J		<0.016	U	
	11.5 ft	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-14-11.5-073020	7/30/2020	0.0072	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		0.0021	J		<0.015	U		0.0047	J	
		VMP-14-11.5-073020-DUP	7/30/2020	0.02	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.013	U		0.0026	J		<0.018	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-15	5 ft	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-14-20-073020	7/30/2020	0.016	J		0.0014	J		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	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	
	21.5 ft	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	
		VMP-15-5-072820	7/28/2020	0.026	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.013	U		<0.017	U		<0.018	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	
25.5 ft	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		
	VMP-15-21.5-072820	7/28/2020	<0.32	U		<0.043	U		<0.09	U		<0.14	U		<0.52	U		<0.13	U		<0.16	U		<0.17	U		
25.5 ft	VMP-15-21.5-072820-DUP	7/28/2020	<0.31	U		<0.042	U		<0.088	U		<0.14	U		<0.51	U		0.09	J		<0.16	U		<0.16	U		
	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	

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-16	5 ft	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	
		VMP-16-5-072920	7/29/2020	0.022	J		0.0012	J		<0.0087	U		<0.013	U		<0.05	U		0.071			0.0026	J		0.0028	J	
	13.5 ft	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-16-13.5-072920	7/29/2020	10	J		1.8	J		<13	U		<20	U		<75	U		300			<23	U		2.9	J	
		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-16-19-072920	7/29/2020	9.9	J		<5.5	U		<12	U		<18	U		<67	U		260			<20	U		<21	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-17	5 ft	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-16-31-072920	7/29/2020	15	J		<10	U		<22	U		<34	U		<130	U		250			<38	U		<41	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-25	5 ft	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-17-5-072220	7/22/2020	0.014	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	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-29	10 ft	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		
		VMP-25-5-072320	7/23/2020	0.013	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		0.0058	J		<0.015	U		<0.016	U	
		VMP-25-5-072320-DUP	7/23/2020	0.0081	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		0.0053	J		<0.015	U		0.002	J	
		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	
	18 ft	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	
		VMP-29-10-072720	7/27/2020	0.11			<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.39			0.023		
		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-29-18-072720	7/27/2020	0.33			0.007			<0.0084	U		<0.013	U		<0.049	U		<0.012	U		1			0.027			
	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		<0.012	U		<0.047	U		<0.012	U		0.004	J		0.0058	J		
	VMP-29-26-072720	7/27/2020	0.19			0.016			<0.0076	U		<0.012	U		<0.044	U		<0.011	U		0.73			0.058			
VMP-30	10 ft	VMP-29-26-072720	7/27/2020	0.19			0.016		<0.0076	U		<0.012	U		<0.044	U		<0.011	U		0.73			0.058			
		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-30-10-072720	7/27/2020	0.035			<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.011	U		0.0064	J		0.0044	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		<0.016	U	
		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-30-18-072720	7/27/2020	3.4			0.007	J		<0.034	U		<0.053	U		<0.2	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-41	10 ft	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	
		VMP-41-10-072920	7/29/2020	0.018	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		0.002	J		<0.017	U	
		VMP-41-10-072920-DUP	7/29/2020	0.011	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		0.0022	J		0.0027	J	
	20 ft	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	
		VMP-41-20-072920	7/29/2020	0.0068	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		0.0039	J		0.0018	J		0.0029	J	
		VMP-41-20-012420-DUP	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	
26 ft	VMP-41-26-012420	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-41-26-012420-DUP	1/24/2020	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-41-26-042320	4/23/2020	<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 ft	VMP-55-20-012820	1/28/2020	0.055	J		0.0046	J		<0.046	U		<0.072	U		<0.27	U		<0.066	U		<0.082	U		<0.086	U	
		VMP-55-20-042820	4/28/2020	0.045	J		0.0015	J		<0.0097	U		<0.015	U		<0.056	U		<0.014	U		0.0036	J		0.0021	J	
		VMP-55-20-072820	7/28/2020																								

**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-10-5-102519	10/25/2019	<0.0081	U		<0.0059	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0099	U	
		VMP-10-5-012420	1/24/2020	<0.009	U		<0.0066	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U		<0.0049	U		<0.011	U	
		VMP-10-5-042320	4/23/2020	<0.0078	U		<0.0057	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U		<0.0043	U		<0.0096	U	
		VMP-10-5-073020	7/30/2020	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
	10 ft	VMP-10-10-102519	10/25/2019	<0.0086	U		<0.0063	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0047	U		<0.01	U	
		VMP-10-10-012420	1/24/2020	<0.0075	U		<0.0055	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U		<0.0041	U		<0.0092	U	
		VMP-10-10-042320	4/23/2020	<0.0086	U		<0.0063	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0047	U		<0.01	U	
		VMP-10-10-073020	7/30/2020	<0.0081	U		<0.006	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.01	U	
	20 ft	VMP-10-20-102519	10/25/2019	<0.0086	U		<0.0063	U		<0.014	U		0.00093	J		<0.028	U		<0.007	U		<0.0047	U		<0.01	U	
		VMP-10-20-012420	1/24/2020	<0.0081	U		<0.006	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.01	U	
		VMP-10-20-042320	4/23/2020	<0.0077	U		<0.0056	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0094	U	
		VMP-10-20-073020	7/30/2020	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		0.00052	J		<0.0097	U	
VMP-11	5 ft	VMP-11-5-102519	10/25/2019	<0.0074	U		<0.0054	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U		<0.0041	U		<0.0091	U	
		VMP-11-5-012920	1/29/2020	<0.0088	U		<0.0065	U		<0.015	U		<0.0069	U		<0.029	U	UJ	<0.0073	U		<0.0048	U		<0.011	U	
		VMP-11-5-042720	4/27/2020	<0.0081	U		<0.0059	U		<0.014	U		0.00075	J		<0.027	U		<0.0067	U		<0.0044	U		<0.0099	U	
	8 ft	VMP-11-8-102519	10/25/2019	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
		VMP-11-8-012920	1/29/2020	<0.0084	U		<0.0062	U		<0.014	U		<0.0065	U		<0.028	U	UJ	<0.0069	U		<0.0046	U		<0.01	U	
		VMP-11-8-042720	4/27/2020	<0.0076	U		<0.0056	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
		VMP-11-8-072720	7/27/2020	<0.0079	U		<0.0058	U		<0.013	U		0.0024	J		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
	29 ft	VMP-11-8-072720-DUP	7/27/2020	<0.0076	U		<0.0056	U		<0.013	U		0.0022	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
		VMP-11-29-102519	10/25/2019	<0.0085	U		<0.0062	U		<0.014	U		0.001	J		<0.028	U		<0.007	U		<0.0046	U		<0.01	U	
		VMP-11-29-012920	1/29/2020	<0.0088	U		<0.0064	U		<0.015	U		0.0039	J		<0.029	U	UJ	<0.0072	U		<0.0048	U		<0.011	U	
		VMP-11-29-042720	4/27/2020	<0.0083	U		0.00062	J		<0.014	U		0.00092	J		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
	38 ft	VMP-11-29-042720-DUP	4/27/2020	<0.0076	U		<0.0056	U		<0.013	U		0.0012	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
		VMP-11-29-072720	7/27/2020	<0.0078	U		<0.0057	U		<0.013	U		0.0046	J		<0.026	U		<0.0064	U		0.0019	J		<0.0095	U	
		VMP-11-38-102519	10/25/2019	<0.0076	U		<0.0055	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U		<0.0041	U		<0.0092	U	
		VMP-11-38-012920	1/29/2020	<0.0086	U		<0.0063	U		<0.014	U		<0.0067	U		<0.028	U	UJ	<0.0071	U		<0.0047	U		<0.01	U	
	VMP-12	5 ft	VMP-11-38-042720	4/27/2020	<0.0075	U		<0.0055	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0091	U
VMP-11-38-072720			7/27/2020	<0.0078	U		<0.0057	U		<0.013	U		0.0022	J		<0.026	U		<0.0064	U		<0.0042	U		<0.0095	U	
VMP-12	5 ft	VMP-12-5-102219	10/22/2019	<0.0091	U		<0.0066	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U		<0.005	U		<0.011	U	
		VMP-12-5-102219-DUP	10/22/2019	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
		VMP-12-5-012920	1/29/2020	<0.0086	U		<0.0063	U		<0.014	U		<0.0067	U		<0.028	U	UJ	<0.0071	U		<0.0047	U		<0.01	U	
		VMP-12-5-042920	4/29/2020	<0.0075	U		<0.0055	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0091	U	
		VMP-12-5-072920	7/29/2020	<0.0077	U		<0.0056	U		<0.013	U		0.0024	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0094	U	
	11.5 ft	VMP-12-11.5-102219	10/22/2019	<0.0078	U		<0.0057	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U		<0.0095	U	
		VMP-12-11.5-012920	1/29/2020	<0.0077	U		<0.0056	U		<0.013	U		<0.006	U		<0.025	U	UJ	<0.0063	U		<0.0042	U		<0.0094	U	
		VMP-12-11.5-042920	4/29/2020	<0.0073	U		<0.0053	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.0089	U	
	25 ft	VMP-12-11.5-072920	7/29/2020	<0.008	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0044	U		<0.0097	U	
		VMP-12-25-102219	10/22/2019	<0.0079	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
		VMP-12-25-012920	1/29/2020	<0.0081	U		<0.006	U		<0.014	U		<0.0063	U		<0.027	U	UJ	<0.0067	U		<0.0044	U		<0.01	U	
		VMP-12-25-012920-DUP	1/29/2020	<0.0076	U		<0.0055	U		<0.013	U		<0.0058	U		<0.025	U	UJ	<0.0062	U		<0.0041	U		<0.0092	U	
VMP-12-25-042920	4/29/2020	<0.007	U		<0.0051	U		<0.012	U		<0.0054	U		<0.023	U		<0.0058	U		<0.0038	U		<0.0086	U			
	VMP-12-25-072920	7/29/2020	<2.4	U		<1.7	U		<4	U		<1.8	U		<7.8	U		<2	U		<1.3	U		<2.9	U		
VMP-12-25-072920-DUP	7/29/2020	<2.2	U		<1.6	U		<3.8	U		<1.8	U		<7.4	U		<1.8	U		<1.2	U		<2.8	U			

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

Location	Depth	Sample ID	Sample Date	Carbon 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-13	5 ft	VMP-13-5-102819	10/28/2019	<0.0082	U		<0.006	U		<0.014	U		0.0018	J		<0.027	U		<0.0067	U		<0.0045	U		<0.01	U	
		VMP-13-5-012420	1/24/2020	<0.009	U		<0.0066	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U		<0.0049	U		<0.011	U	
		VMP-13-5-012420-DUP	1/24/2020	<0.009	U		<0.0066	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U		<0.0049	U		<0.011	U	
		VMP-13-5-042320	4/23/2020	<0.0076	U		<0.0056	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
		VMP-13-5-073020	7/30/2020	<0.0084	U		<0.0061	U		<0.014	U		0.0025	J		<0.027	U		<0.0069	U		0.0008	J		<0.01	U	
	10.5 ft	VMP-13-10.5-102819	10/28/2019	<0.008	U		<0.0059	U		<0.014	U		0.0022	J		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U	
		VMP-13-10.5-012420	1/24/2020	<0.0092	U		<0.0068	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U		<0.005	U		<0.011	U	
		VMP-13-10.5-042320	4/23/2020	<0.0075	U		<0.0055	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0091	U	
	21.5 ft	VMP-13-21.5-102819	10/28/2019	<0.0084	U		<0.0061	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U		<0.0046	U		<0.01	U	
		VMP-13-21.5-012420	1/24/2020	<0.0086	U		<0.0063	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0047	U		<0.01	U	
		VMP-13-21.5-042320	4/23/2020	<0.0073	U		<0.0054	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.009	U	
	29.5 ft	VMP-13-21.5-073020	7/30/2020	<0.0078	U		<0.0057	U		<0.013	U		0.00063	J		<0.026	U		<0.0064	U		<0.0043	U		<0.0096	U	
VMP-13-29.5-102819		10/28/2019	<0.0076	U		<0.0055	U		<0.013	U		0.0021	J		<0.025	U		<0.0062	U		<0.0041	U		<0.0092	U		
29.5 ft	VMP-13-29.5-042320	4/23/2020	<0.0083	U		<0.006	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U		
	VMP-13-29.5-073020	7/30/2020	<0.0082	U		<0.006	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0045	U		<0.01	U		
VMP-14	5 ft	VMP-14-5-102819	10/28/2019	<0.0081	U		<0.0059	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0099	U	
		VMP-14-5-012820	1/28/2020	<0.0091	U		<0.0066	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U		<0.005	U		<0.011	U	
		VMP-14-5-042320	4/23/2020	<0.0072	U		<0.0053	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U		<0.004	U		<0.0088	U	
		VMP-14-5-073020	7/30/2020	<0.008	U		<0.0058	U		<0.013	U		0.00097	J		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U	
	11.5 ft	VMP-14-11.5-102819	10/28/2019	<0.0088	U		<0.0065	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U		<0.011	U	
		VMP-14-11.5-012820	1/28/2020	<0.0081	U		<0.0059	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0099	U	
		VMP-14-11.5-042320	4/23/2020	<0.0075	U		<0.0055	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0091	U	
	20 ft	VMP-14-11.5-073020	7/30/2020	<0.0078	U		<0.0057	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0043	U		<0.0095	U	
		VMP-14-11.5-073020-DUP	7/30/2020	<0.0089	U		<0.0065	U		<0.015	U		0.00095	J		<0.029	U		<0.0073	U		<0.0049	U		<0.011	U	
		VMP-14-20-102819	10/28/2019	<0.0086	U		<0.0063	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0047	U		<0.01	U	
20 ft	VMP-14-20-042320	4/23/2020	<0.0083	U		<0.0061	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		0.0017	J		<0.01	U		
	VMP-14-20-073020	7/30/2020	<0.0081	U		<0.0059	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.0099	U		
VMP-15	5 ft	VMP-15-5-102219	10/22/2019	<0.0076	U		<0.0056	U		<0.013	U		0.0013	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
		VMP-15-5-012820	1/28/2020	<0.009	U		<0.0066	U		<0.015	U		<0.007	U		<0.029	U		<0.0074	U		<0.0049	U		<0.011	U	
		VMP-15-5-042820	4/28/2020	<0.0084	U		<0.0061	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U		<0.0046	U		<0.01	U	
		VMP-15-5-072820	7/28/2020	<0.0089	U		<0.0065	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U		<0.011	U	
	21.5 ft	VMP-15-21.5-102219	10/22/2019	<0.077	U		<0.056	U		<0.13	U		0.054	J		<0.25	U		<0.063	U		<0.042	U		<0.094	U	
		VMP-15-21.5-012820	1/28/2020	<0.0089	U		<0.0065	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U		<0.0049	U		<0.011	U	
		VMP-15-21.5-042820	4/28/2020	<0.0088	U		<0.0065	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U		<0.011	U	
	25.5 ft	VMP-15-21.5-072820	7/28/2020	<0.085	U		<0.062	U		<0.14	U		<0.066	U		<0.28	U		<0.07	U		<0.046	U		<0.1	U	
		VMP-15-21.5-072820-DUP	7/28/2020	<0.083	U		<0.061	U		<0.14	U		<0.064	U		<0.27	U		<0.068	U		<0.045	U		<0.1	U	
		VMP-15-25.5-012820	1/28/2020	<0.021	U		<0.016	U		<0.036	U		<0.017	U		<0.07	U		<0.018	U		<0.012	U		<0.026	U	
25.5 ft	VMP-15-25.5-042820	4/28/2020	<0.11	U		<0.083	U		<0.19	U		<0.088	U		<0.37	U		<0.093	U		<0.062	U		<0.14	U		

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

Location	Depth	Sample ID	Sample Date	Carbon 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-16	5 ft	VMP-16-5-102219	10/22/2019	<0.0087	U		<0.0064	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0048	U		<0.011	U	
		VMP-16-5-012920	1/29/2020	<0.0079	U		<0.0058	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U		<0.0043	U		<0.0096	U	
		VMP-16-5-012920-DUP	1/29/2020	<0.0076	U		<0.0056	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
		VMP-16-5-042920	4/29/2020	<0.0069	U		<0.0051	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U		<0.0038	U		<0.0084	U	
		VMP-16-5-072920	7/29/2020	<0.0082	U		<0.006	U		<0.014	U		<0.0063	U		<0.027	U		0.0011	J		<0.0045	U		<0.01	U	
	13.5 ft	VMP-16-13.5-102219	10/22/2019	<1.1	U		<0.78	U		<1.8	U		<0.82	U		<1.4	U		<0.87	U		3			<1.3	U	
		VMP-16-13.5-012920	1/29/2020	<1	U		<0.74	U		<1.7	U		<0.78	U		<1.3	U		<0.83	U		13	J		<1.2	U	
		VMP-16-13.5-042920	4/29/2020	<0.54	U		<0.4	U		<0.91	U		<0.42	U		<0.71	U		<0.45	U		<0.3	U		<0.66	U	
		VMP-16-13.5-072920	7/29/2020	<12	U		<8.9	U		<20	U		<9.5	U		<40	U		<10	U		<6.7	U		<15	U	
	19 ft	VMP-16-19-102219	10/22/2019	<4.3	U		<3.2	U		<7.3	U		<3.4	U		<5.7	U		<3.6	U		29			<5.3	U	
		VMP-16-19-012920	1/29/2020	<2	U		<1.4	U		<3.3	U		<1.5	U		<2.6	U		<1.6	U		22			<2.4	U	
		VMP-16-19-042920	4/29/2020	<1.2	U		<0.89	U		<2	U		<0.95	U		<1.6	U		<1	U		<0.67	U		<1.5	U	
VMP-16-19-072920		7/29/2020	<11	U		<7.9	U		<18	U		<8.4	U		<36	U		<8.9	U		<5.9	U		<13	U		
31 ft	VMP-16-31-102219	10/22/2019	<4.1	U		<3	U		<6.9	U		<3.2	U		<5.4	U		<3.4	U		39			<5	U		
	VMP-16-31-012920	1/29/2020	<2	U		<1.4	U		<3.3	U		<1.5	U		<2.6	U		<1.6	U		33	J		<2.4	U		
	VMP-16-31-042920	4/29/2020	<1.9	U		<1.4	U		<3.3	U		<1.5	U		<2.6	U		<1.6	U		<1.1	U		<2.4	U		
VMP-16-31-072920	7/29/2020	<20	U		<15	U		<34	U		<16	U		<67	U		<17	U		<11	U		<25	U			
VMP-17	5 ft	VMP-17-5-102119	10/21/2019	<0.0081	U		<0.0059	U		<0.014	U		<0.0063	U		0.0031	J		<0.0067	U		<0.0044	U		<0.0099	U	
		VMP-17-5-012220	1/22/2020	<0.0087	U		<0.0064	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U		<0.011	U	
		VMP-17-5-042820	4/28/2020	<0.0089	U		<0.0065	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U		<0.011	U	
		VMP-17-5-072220	7/22/2020	<0.0085	U		<0.0062	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.01	U	
VMP-25	5 ft	VMP-25-5-102819	10/28/2019	<0.008	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U	
		VMP-25-5-102819-DUP	10/28/2019	<0.0078	U		<0.0057	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U		<0.0043	U		<0.0096	U	
		VMP-25-5-012820	1/28/2020	<0.0077	U		<0.0056	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		0.0027	J		<0.0094	U	
		VMP-25-5-012820-DUP	1/28/2020	<0.008	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U	
		VMP-25-5-042320	4/23/2020	<0.0091	U		<0.0067	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U		0.02			<0.011	U	
		VMP-25-5-042320-DUP	4/23/2020	<0.0082	U		<0.006	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		0.015			<0.01	U	
		VMP-25-5-072320	7/23/2020	<0.0081	U		<0.0059	U		<0.014	U		0.0028	J		<0.027	U		<0.0067	U		<0.0044	U		<0.0099	U	
VMP-25-5-072320-DUP	7/23/2020	<0.0081	U		<0.0059	U		<0.014	U		0.0026	J		<0.027	U		<0.0067	U		<0.0044	U		<0.0099	U			
VMP-29	10 ft	VMP-29-10-102519	10/25/2019	<0.0083	U		<0.0061	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
		VMP-29-10-012420	1/24/2020	<0.0084	U		<0.0061	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U		<0.0046	U		<0.01	U	
		VMP-29-10-042320	4/23/2020	<0.0074	U		<0.0054	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U		<0.009	U	
		VMP-29-10-072720	7/27/2020	<0.0076	U		<0.0056	U		<0.013	U		0.00083	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
	18 ft	VMP-29-18-102519	10/25/2019	<0.0082	U		<0.006	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U		<0.01	U	
		VMP-29-18-012420	1/24/2020	<0.0095	U		<0.007	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U		<0.0052	U		<0.012	U	
		VMP-29-18-042320	4/23/2020	<0.007	U		<0.0051	U		<0.012	U		<0.0054	U		<0.023	U		<0.0058	U		<0.0038	U		<0.0086	U	
	26 ft	VMP-29-18-072720	7/27/2020	<0.0079	U		<0.0058	U		<0.013	U		0.00074	J		<0.026	U		<0.0065	U		<0.0043	U		<0.0097	U	
		VMP-29-26-102519	10/25/2019	<0.0084	U		<0.0061	U		<0.014	U		0.00098	J		<0.028	U		<0.0069	U		<0.0046	U		<0.01	U	
		VMP-29-26-012420	1/24/2020	<0.009	U		<0.0066	U		<0.015	U		0.014			<0.029	U		<0.0074	U		<0.0049	U		<0.011	U	
VMP-30	10 ft	VMP-29-26-042320	4/23/2020	<0.0076	U		<0.0056	U		<0.013	U		0.002	J		<0.025	U		<0.0063	U		<0.0042	U		<0.0093	U	
		VMP-29-26-042320-DUP	4/23/2020	<0.0076	U		<0.0056	U		<0.013	U		0.0026	J		<0.025	U		0.00082	J		<0.0042	U		<0.0093	U	
		VMP-29-26-072720	7/27/2020	<0.0072	U		<0.0052	U		<0.012	U		0.00067	J		<0.024	U		<0.0059	U		<0.0039	U		<0.0088	U	
		VMP-30-10-102519	10/25/2019	<0.0078	U		<0.0057	U		<0.013	U		0.0036	J		<0.026	U		<0.0064	U		<0.0043	U		<0.0095	U	
18 ft	VMP-30-10-012420	1/24/2020	<0.008	U		<0.0058	U		<0.013	U		0.0016	J		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U		
	VMP-30-10-042320	4/23/2020	<0.0075	U		<0.0055	U		<0.012	U		0.0016	J		<0.024	U		<0.0062	U		<0.0041	U		<0.0091	U		
	VMP-30-10-072720	7/27/2020	<0.0076	U		<0.0055	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U		<0.0041	U		<0.0092	U		
	VMP-30-18-102519	10/25/2019	<0.008	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U		
	VMP-30-18-012420	1/24/2020	<0.0093	U		<0.0068	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U		<0.0051	U		<0.011	U		
	VMP-30-18-042320	4/23/2020	<0.0076	U		<0.0056	U		<0.013	U		0.0016	J		<0.025	U		<0.0063	U		<						

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

Location	Depth	Sample ID	Sample Date	Carbon 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-41	10 ft	VMP-41-10-102819	10/28/2019	<0.0078	U		<0.0057	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U		<0.0043	U		<0.0096	U	
		VMP-41-10-012420	1/24/2020	<0.0081	U		<0.006	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U		<0.01	U	
		VMP-41-10-042320	4/23/2020	<0.0075	U		<0.0055	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U		<0.0091	U	
		VMP-41-10-072920	7/29/2020	<0.0085	U		<0.0062	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U		<0.01	U	
		VMP-41-10-072920-DUP	7/29/2020	<0.0087	U		<0.0064	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U		<0.011	U	
	20 ft	VMP-41-20-102819	10/28/2019	<0.008	U		<0.0058	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U		<0.0098	U	
		VMP-41-20-012420	1/24/2020	<0.0085	U		<0.0062	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0047	U		<0.01	U	
		VMP-41-20-042320	4/23/2020	<0.0085	U		<0.0062	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0047	U		<0.01	U	
	26 ft	VMP-41-26-012420	1/24/2020	<0.0092	U		<0.0068	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U		<0.005	U		<0.011	U	
		VMP-41-26-012420-DUP	1/24/2020	<0.0089	U		<0.0065	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U		<0.0049	U		<0.011	U	
VMP-41-26-042320		4/23/2020	<0.0089	U		<0.0065	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0049	U		<0.011	U		
VMP-55	20 ft	VMP-55-20-012820	1/28/2020	<0.19	U		<0.14	U		<0.31	U		<0.14	U		<0.61	U		<0.15	U		<0.1	U		<0.23	U	
		VMP-55-20-042820	4/28/2020	<0.044	U		<0.032	U		<0.073	U		<0.034	U		<0.14	U		<0.036	U		<0.024	U		<0.053	U	
		VMP-55-20-072820	7/28/2020	<0.0091	U		<0.0066	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U		<0.005	U		<0.011	U	

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

Location	Depth	Sample ID	Sample Date	1,3-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-10-5-102519	10/25/2019	<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-10-5-012420	1/24/2020	<0.0086	U		<0.0086	U		<0.0086	U		0.0039	J		<0.0058	U		<0.0058	U		<0.0057	U		<0.0057	U	
		VMP-10-5-042320	4/23/2020	<0.0075	U		<0.0075	U		<0.0075	U		0.0024	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-10-5-073020	7/30/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
	10 ft	VMP-10-10-102519	10/25/2019	<0.0082	U		<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U	
		VMP-10-10-012420	1/24/2020	<0.0072	U		<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U	
		VMP-10-10-042320	4/23/2020	<0.0082	U		<0.0082	U		<0.0082	U		0.0022	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U	
		VMP-10-10-073020	7/30/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
	20 ft	VMP-10-20-102519	10/25/2019	<0.0082	U		<0.0082	U		<0.0082	U		0.0022	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U	
		VMP-10-20-012420	1/24/2020	<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-10-20-042320	4/23/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.0021	J		<0.005	U		<0.005	U		<0.0048	U		<0.0048	U	
		VMP-10-20-073020	7/30/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.002	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
VMP-11	5 ft	VMP-11-5-102519	10/25/2019	<0.0071	U		<0.0071	U		<0.0071	U		0.0021	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U	
		VMP-11-5-012920	1/29/2020	<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U	
		VMP-11-5-042720	4/27/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.002	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-11-8-102519	10/25/2019	<0.0076	U		<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
	8 ft	VMP-11-8-012920	1/29/2020	<0.008	U		<0.008	U		<0.008	U		<0.0066	U		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U	
		VMP-11-8-042720	4/27/2020	<0.0073	U		<0.0073	J	U	<0.0073	J	U	0.0024	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-11-8-072720	7/27/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
		VMP-11-8-072720-DUP	7/27/2020	<0.0073	U		<0.0073	U		<0.0073	J	U	0.0022	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
	29 ft	VMP-11-29-102519	10/25/2019	<0.0081	U		<0.0081	U		<0.0081	U		0.0021	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U	
		VMP-11-29-012920	1/29/2020	<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U	
		VMP-11-29-042720	4/27/2020	<0.0079	U		<0.0079	J	U	<0.0079	J	U	0.0023	J		<0.0053	U		<0.0053	U		<0.0052	U		0.00094	J	
		VMP-11-29-042720-DUP	4/27/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
	38 ft	VMP-11-29-072720	7/27/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U		<0.0049	U		0.0058		
		VMP-11-38-102519	10/25/2019	<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-11-38-012920	1/29/2020	<0.0082	U		<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U	
		VMP-11-38-042720	4/27/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U	
VMP-12	5 ft	VMP-12-5-102219	10/22/2019	<0.0087	U		<0.0087	U		<0.0087	U		0.0031	J		<0.0058	U		0.0034	J		<0.0057	U		<0.0057	U	
		VMP-12-5-102219-DUP	10/22/2019	<0.0076	U		<0.0076	U		<0.0076	U		0.003	J		<0.0051	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-12-5-012920	1/29/2020	<0.0082	U		<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U	
		VMP-12-5-042920	4/29/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U	
		VMP-12-5-072920	7/29/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U		<0.0048	U		0.0022	J	
	11.5 ft	VMP-12-11.5-102219	10/22/2019	<0.0074	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-12-11.5-012920	1/29/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.0035	J		<0.005	U		<0.005	U		<0.0048	U		<0.0048	U	
		VMP-12-11.5-042920	4/29/2020	<0.007	U		<0.007	U		<0.007	U		0.0022	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.0046	U	
		VMP-12-11.5-072920	7/29/2020	<0.0076	U		<0.0076	J	U	<0.0076	J	U	0.002	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
	25 ft	VMP-12-25-102219	10/22/2019	<0.0076	U		<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
		VMP-12-25-012920	1/29/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.003	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-12-25-012920-DUP	1/29/2020	<0.0072	U		<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.0048	U	
VMP-12-25-042920		4/29/2020	<0.0067	U		<0.0067	U		<0.0067	U		0.0024	J		<0.0045	U		<0.0045	U		<0.0044	U		<0.0044	U		
VMP-12-25-072920		7/29/2020	<2.3	U		<2.3	U		<2.3	U		<1.9	U		<1.5	U		<1.5	U		<1.5	U		<1.5	U		
VMP-12-25-072920-DUP	7/29/2020	<2.2	U		<2.2	U		<2.2	U		<1.8	U		<1.4	U		<1.4	U		<1.4	U		<1.4	U			

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

Location	Depth	Sample ID	Sample Date	1,3-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-13	5 ft	VMP-13-5-102819	10/28/2019	<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U		
		VMP-13-5-012420	1/24/2020	<0.0086	U		<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U		<0.0057	U		
		VMP-13-5-012420-DUP	1/24/2020	<0.0086	U		<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U		<0.0057	U		
		VMP-13-5-042320	4/23/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U		
		VMP-13-5-073020	7/30/2020	<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U		
	10.5 ft	VMP-13-10.5-102819	10/28/2019	<0.0077	U		<0.0077	U		<0.0077	U		0.0039	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U		
		VMP-13-10.5-012420	1/24/2020	<0.0088	U		<0.0088	U		<0.0088	U		<0.0073	U		<0.006	U		<0.0059	U		<0.0058	U		<0.0058	U		
		VMP-13-10.5-042320	4/23/2020	<0.0072	U		<0.0072	U		<0.0072	U		<0.0023	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U		
		VMP-13-10.5-073020	7/30/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0019	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U		
	21.5 ft	VMP-13-21.5-102819	10/28/2019	<0.008	U		<0.008	U		<0.008	U		0.0032	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U		
		VMP-13-21.5-012420	1/24/2020	<0.0082	U		<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U		
		VMP-13-21.5-042320	4/23/2020	<0.007	U		<0.007	U		<0.007	U		0.0022	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.0046	U		
VMP-13-21.5-073020		7/30/2020	<0.0075	U		<0.0075	U		<0.0075	U		0.0023	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U			
29.5 ft	VMP-13-29.5-102819	10/28/2019	<0.0072	U		<0.0072	U		<0.0072	U		0.004	J		<0.0049	U		<0.0049	U		<0.0048	U		0.013				
	VMP-13-29.5-042320	4/23/2020	<0.0079	U		<0.0079	U		<0.0079	U		0.0027	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U			
		VMP-13-29.5-073020	7/30/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U		
VMP-14	5 ft	VMP-14-5-102819	10/28/2019	<0.0078	U		<0.0078	U		<0.0078	U		0.0038	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U		
		VMP-14-5-012820	1/28/2020	<0.0087	U		<0.0087	U		<0.0087	U		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U		<0.0057	U		
		VMP-14-5-042320	4/23/2020	<0.0069	U		<0.0069	U		<0.0069	U		0.0024	J		<0.0046	U		<0.0046	U		<0.0046	U		<0.0046	U		
		VMP-14-5-073020	7/30/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U		
	11.5 ft	VMP-14-11.5-102819	10/28/2019	<0.0084	U		<0.0084	U		<0.0084	U		0.0023	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U		
		VMP-14-11.5-012820	1/28/2020	<0.0077	U		<0.0077	U		<0.0077	U		<0.0064	U		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U		
		VMP-14-11.5-042320	4/23/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0021	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U		
		VMP-14-11.5-073020	7/30/2020	<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U		
			VMP-14-11.5-073020-DUP	7/30/2020	<0.0085	U		<0.0085	U		<0.0085	U		0.0023	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U	
	20 ft	VMP-14-20-102819	10/28/2019	<0.0082	U		<0.0082	U		<0.0082	U		0.0025	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U		
VMP-14-20-042320		4/23/2020	<0.0079	U		<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U			
		VMP-14-20-073020	7/30/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U		
VMP-15	5 ft	VMP-15-5-102219	10/22/2019	<0.0073	U		<0.0073	U		<0.0073	U		0.0028	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U		
		VMP-15-5-012820	1/28/2020	<0.0086	U		<0.0086	U		<0.0086	U		0.002	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.0056	U		
		VMP-15-5-042820	4/28/2020	<0.008	U		<0.008	U		<0.008	U		<0.002	J		<0.0054	U		<0.0054	U		<0.0053	U		0.0025	J		
		VMP-15-5-072820	7/28/2020	<0.0085	U		<0.0085	U		<0.0085	U		0.0038	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U		
	21.5 ft	VMP-15-21.5-102219	10/22/2019	<0.074	U		<0.074	U		<0.074	U		<0.06	U		<0.05	U		<0.05	U		<0.048	U		<0.048	U		
		VMP-15-21.5-012820	1/28/2020	<0.0085	U		<0.0085	U		<0.0085	U		0.0013	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U		
		VMP-15-21.5-042820	4/28/2020	<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U		
			VMP-15-21.5-072820	7/28/2020	<0.081	U		<0.081	U		<0.081	U		<0.066	U		<0.054	U		<0.054	U		<0.053	U		<0.053	U	
			VMP-15-21.5-072820-DUP	7/28/2020	<0.079	U		<0.079	U		<0.079	U		<0.065	U		<0.053	U		<0.053	U		<0.052	U		<0.052	U	
25.5 ft	VMP-15-25.5-012820	1/28/2020	<0.02	U		<0.02	U		<0.02	U		<0.017	U		<0.014	U		<0.014	U		<0.014	U		<0.014	U			
	VMP-15-25.5-042820	4/28/2020	<0.11	U		<0.11	U		<0.11	U		<0.089	U		<0.073	U		<0.073	U		<0.071	U		<0.071	U			

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

Location	Depth	Sample ID	Sample Date	1,3-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-16	5 ft	VMP-16-5-102219	10/22/2019	<0.0083	U		<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.0055	U	
		VMP-16-5-012920	1/29/2020	<0.0075	U		<0.0075	U		<0.0075	U		0.0027	J		<0.005	U		<0.005	U		<0.005	U		<0.005	U	
		VMP-16-5-012920-DUP	1/29/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-16-5-042920	4/29/2020	<0.0066	U		<0.0066	U		<0.0066	U		0.0024	J		<0.0044	U		<0.0044	U		<0.0044	U		<0.0044	U	
		VMP-16-5-072920	7/29/2020	0.00076	J		0.001	J		0.0013	J		0.0019	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
	13.5 ft	VMP-16-13.5-102219	10/22/2019	<1	U		<1	U		<1	U		<0.84	U		<0.68	U		<0.68	U		<0.67	U		<0.67	U	
		VMP-16-13.5-012920	1/29/2020	<0.96	U		<0.96	U		<0.96	U		<0.79	U		<0.65	U		<0.65	U		<0.64	U		<0.64	U	
		VMP-16-13.5-042920	4/29/2020	<0.52	U		<0.52	U		<0.52	U		<0.43	U		<0.35	U		<0.35	U		<0.34	U		<0.34	U	
		VMP-16-13.5-072920	7/29/2020	<12	U		<12	U		<12	U		<9.6	U		<7.8	U		<7.8	U		<7.7	U		<7.7	U	
	19 ft	VMP-16-19-102219	10/22/2019	<4.1	U		<4.1	U		<4.1	U		<3.4	U		<2.8	U		<2.8	U		<2.7	U		<2.7	U	
		VMP-16-19-012920	1/29/2020	<1.9	U		<1.9	U		<1.9	U		<1.5	U		<1.2	U		<1.2	U		<1.2	U		<1.2	U	
		VMP-16-19-042920	4/29/2020	<1.2	U		<1.2	U		<1.2	U		<0.96	U		<0.78	U		<0.78	U		<0.77	U		<0.77	U	
VMP-16-19-072920		7/29/2020	<10	U		<10	U		<10	U		<8.5	U		<7	U		<7	U		<6.8	U		<6.8	U		
31 ft	VMP-16-31-102219	10/22/2019	<3.9	U		<3.9	U		<3.9	U		<3.2	U		<2.6	U		<2.6	U		<2.6	U		<2.6	U		
	VMP-16-31-012920	1/29/2020	<1.9	U		<1.9	U		<1.9	U		<1.5	U		<1.2	U		<1.2	U		<1.2	U		<1.2	U		
	VMP-16-31-042920	4/29/2020	<1.8	U		<1.8	U		<1.8	U		<1.5	U		<1.2	U		<1.2	U		<1.2	U		<1.2	U		
	VMP-16-31-072920	7/29/2020	<20	U		<20	U		<20	U		<16	U		<13	U		<13	U		<13	U		<13	U		
VMP-17	5 ft	VMP-17-5-102119	10/21/2019	<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-17-5-012220	1/22/2020	<0.0083	U		<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U		<0.0055	U		<0.0055	U	
		VMP-17-5-042820	4/28/2020	<0.0085	U		<0.0085	U		<0.0085	U		0.0024	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U	
		VMP-17-5-072220	7/22/2020	<0.0081	U		<0.0081	U		<0.0081	U		0.003	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U	
VMP-25	5 ft	VMP-25-5-102819	10/28/2019	<0.0076	U		<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
		VMP-25-5-102819-DUP	10/28/2019	<0.0075	U		<0.0075	U		<0.0075	U		<0.0023	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-25-5-012820	1/28/2020	<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-25-5-012820-DUP	1/28/2020	<0.0076	U		<0.0076	U		<0.0076	U		<0.0063	U		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
		VMP-25-5-042320	4/23/2020	<0.0087	U		<0.0087	U		<0.0087	U		0.0013	J		<0.0059	U		<0.0059	U		<0.0057	U		<0.0057	U	
		VMP-25-5-042320-DUP	4/23/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.00096	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-25-5-072320	7/23/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0014	J		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
VMP-29	10 ft	VMP-29-10-102519	10/25/2019	<0.0079	U		<0.0079	U		<0.0079	U		0.0018	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-29-10-012420	1/24/2020	<0.008	U		<0.008	U		<0.008	U		<0.0066	U		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U	
		VMP-29-10-042320	4/23/2020	0.0019	J		<0.007	J	U	0.0022	J		0.0027	J		<0.0047	U		<0.0047	U		<0.0046	U		<0.0046	U	
		VMP-29-10-072720	7/27/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
	18 ft	VMP-29-18-102519	10/25/2019	<0.0079	U		<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-29-18-012420	1/24/2020	<0.0091	U		<0.0091	U		<0.0091	U		<0.0075	U		<0.0061	U		<0.0061	U		<0.006	U		<0.006	U	
		VMP-29-18-042320	4/23/2020	<0.0067	U		<0.0067	U		<0.0067	U		0.0023	J		<0.0045	U		<0.0045	U		<0.0044	U		<0.0044	U	
		VMP-29-18-072720	7/27/2020	<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
	26 ft	VMP-29-26-102519	10/25/2019	<0.008	U		<0.008	U		<0.008	U		0.0021	J		<0.0054	U		<0.0054	U		<0.0053	U		<0.0053	U	
		VMP-29-26-012420	1/24/2020	<0.0086	U		<0.0086	U		<0.0086	U		<0.007	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.0056	U	
		VMP-29-26-042320	4/23/2020	<0.0073	U		<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
		VMP-29-26-042320-DUP	4/23/2020	0.0018	J		<0.0073	J	U	0.0016	J		0.0028	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
VMP-29-26-072720	7/27/2020	<0.0068	U		<0.0068	U		<0.0068	U		0.0023	J		<0.0046	U		<0.0046	U		<0.0045	U		<0.0045	U			
VMP-30	10 ft	VMP-30-10-102519	10/25/2019	<0.0074	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-30-10-012420	1/24/2020	<0.0076	U		<0.0076	U		<0.0076	U		<0.0063	U		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
		VMP-30-10-042320	4/23/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U	
		VMP-30-10-072720	7/27/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0049	U		<0.0049	U		<0.0048	U		<0.0048	U	
	18 ft	VMP-30-18-102519	10/25/2019	<0.0076	U		<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
		VMP-30-18-012420	1/24/2020	<0.0089	U		<0.0089	U		<0.0089	U		<0.0073	U		<0.006	U		<0.006	U		<0.0059	U		<0.0059	U	
		VMP-30-18-042320	4/23/2020	<0.0073	U		<0.0073	U																			

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

Location	Depth	Sample ID	Sample Date	1,3-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-41	10 ft	VMP-41-10-102819	10/28/2019	<0.0075	U		<0.0075	U		<0.0075	U		0.0038	J		<0.005	U		<0.005	U		<0.0049	U		<0.0049	U	
		VMP-41-10-012420	1/24/2020	<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U		<0.0051	U		<0.0051	U	
		VMP-41-10-042320	4/23/2020	<0.0072	U		<0.0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0.0048	U		<0.0047	U		<0.0047	U	
		VMP-41-10-072920	7/29/2020	<0.0081	U		<0.0081	U		<0.0081	U		0.0019	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U	
		VMP-41-10-072920-DUP	7/29/2020	<0.0083	U		<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U		<0.0055	U		<0.0055	U	
	20 ft	VMP-41-20-102819	10/28/2019	<0.0076	U		<0.0076	U		<0.0076	U		0.0039	J		<0.0051	U		<0.0051	U		<0.005	U		<0.005	U	
		VMP-41-20-012420	1/24/2020	<0.0081	U		<0.0081	U		<0.0081	U		<0.0067	U		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U	
		VMP-41-20-042320	4/23/2020	<0.0081	U		<0.0081	U		<0.0081	U		0.0022	J		<0.0055	U		<0.0055	U		<0.0054	U		<0.0054	U	
	26 ft	VMP-41-20-072920	7/29/2020	<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0053	U		<0.0053	U		<0.0052	U		<0.0052	U	
		VMP-41-26-012420	1/24/2020	<0.0088	U		<0.0088	U		<0.0088	U		<0.0073	U		<0.006	U		<0.0059	U		<0.0058	U		<0.0058	U	
VMP-41-26-012420-DUP		1/24/2020	<0.0085	U		<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U		
VMP-55	20 ft	VMP-41-26-042320	4/23/2020	<0.0085	U		<0.0085	U		<0.0085	U		0.0022	J		<0.0057	U		<0.0057	U		<0.0056	U		<0.0056	U	
		VMP-55-20-012820	1/28/2020	<0.18	U		<0.18	U		<0.18	U		<0.15	U		<0.12	U		<0.12	U		<0.12	U		<0.12	U	
		VMP-55-20-042820	4/28/2020	<0.042	U		<0.042	U		<0.042	U		<0.034	U		<0.028	U		<0.028	U		<0.028	U		<0.028	U	
		VMP-55-20-072820	7/28/2020	<0.0087	U		<0.0087	U		<0.0087	U		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U		<0.0057	U	

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

Location	Depth	Sample ID	Sample Date	1,4-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-10-5-102519	10/25/2019	<0.045	U		<0.018	U		<0.0097	U	UJ	<0.0056	U		<0.0063	U		<0.0099	U		<0.0053	U		<0.055	U	
		VMP-10-5-012420	1/24/2020	<0.05	U		<0.021	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.0059	U		<0.061	U	
		VMP-10-5-042320	4/23/2020	<0.043	U		<0.018	U		<0.0094	U		<0.0054	U		0.0014	J		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-10-5-073020	7/30/2020	<0.044	U		<0.018	U		0.0041	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
	10 ft	VMP-10-10-102519	10/25/2019	<0.048	U		<0.02	U		<0.01	U	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0056	U		<0.058	U	
		VMP-10-10-012420	1/24/2020	<0.042	U		<0.017	U		<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0049	U		<0.051	U	
		VMP-10-10-042320	4/23/2020	<0.047	U		<0.02	U		0.0062	J		<0.0059	U		<0.0067	U		<0.01	U		0.0055	J		<0.058	U	
		VMP-10-10-073020	7/30/2020	<0.045	U		<0.019	U		0.0086	J		<0.0056	U		<0.0064	U		<0.0099	U		<0.0053	U		<0.055	U	
	20 ft	VMP-10-20-102519	10/25/2019	<0.047	U		<0.02	U		<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0056	U		<0.058	U	
		VMP-10-20-012420	1/24/2020	<0.045	U		<0.019	U		<0.0098	ND,UJ	UJ	<0.0056	U		<0.0064	U		<0.0099	U		<0.0053	U		0.01	J	
		VMP-10-20-042320	4/23/2020	<0.042	U		<0.018	U		0.0044	J		<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U	
		VMP-10-20-073020	7/30/2020	0.0027	J		<0.018	U		0.0098			<0.0055	U		0.001	J		<0.0096	U		<0.0052	U		<0.054	U	
VMP-11	5 ft	VMP-11-5-102519	10/25/2019	<0.041	U		<0.017	U		<0.0089	U	UJ	<0.0051	U		<0.0058	U		<0.0091	U		<0.0048	U		<0.05	U	
		VMP-11-5-012920	1/29/2020	<0.049	U		<0.02	U		<0.01	ND,UJ	UJ	<0.0061	U		<0.0069	U		<0.011	U		<0.0058	U		<0.06	U	
		VMP-11-5-042720	4/27/2020	<0.045	U		0.016	J		0.01			<0.0056	U		<0.0063	U		<0.0099	U		0.00063	J		<0.055	U	
		VMP-11-8-102519	10/25/2019	<0.044	U		<0.018	U		<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
	8 ft	VMP-11-8-012920	1/29/2020	<0.046	U		<0.019	U		<0.01	ND,UJ	UJ	<0.0058	U		<0.0066	U		<0.01	U		<0.0055	U		<0.057	U	
		VMP-11-8-042720	4/27/2020	<0.042	U		0.0011	J		0.0041	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U	
		VMP-11-8-072720	7/27/2020	<0.044	U		<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
		VMP-11-8-072720-DUP	7/27/2020	<0.042	U		<0.017	U		<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U	
	29 ft	VMP-11-29-102519	10/25/2019	<0.047	U		<0.019	U		<0.01	U	UJ	<0.0059	U		<0.0066	U		<0.01	U		<0.0055	U		<0.058	U	
		VMP-11-29-012920	1/29/2020	<0.049	U		<0.02	U		<0.01	ND,UJ	UJ	<0.0061	U		<0.0069	U		<0.011	U		<0.0057	U		<0.06	U	
		VMP-11-29-042720	4/27/2020	<0.046	U		0.0014	J		0.0045	J		0.00066	J		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U	
		VMP-11-29-042720-DUP	4/27/2020	<0.042	U		0.0033	J		<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U	
	38 ft	VMP-11-29-072720	7/27/2020	<0.043	U		0.0013	J		0.034			<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-11-38-102519	10/25/2019	<0.042	U		<0.017	U		<0.0091	U	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0049	U		<0.051	U	
		VMP-11-38-012920	1/29/2020	<0.048	U		<0.02	U		<0.01	ND,UJ	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0056	U		<0.058	U	
		VMP-11-38-042720	4/27/2020	<0.041	U		0.0017	J		<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0049	U		<0.051	U	
VMP-11-38-072720	7/27/2020	<0.043	U		<0.018	U		0.0067	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U			
VMP-12	5 ft	VMP-12-5-102219	10/22/2019	<0.05	U		<0.021	U		0.013	J0	J	<0.0063	U		<0.0071	U		<0.011	U		<0.0059	U		<0.062	U	
		VMP-12-5-102219-DUP	10/22/2019	<0.044	U		<0.018	U		0.01			<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
		VMP-12-5-012920	1/29/2020	<0.048	U		<0.02	U		<0.01	ND,UJ	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0056	U		<0.058	U	
		VMP-12-5-042920	4/29/2020	<0.041	U		<0.017	U		0.0091			<0.0052	U		<0.0058	U		<0.0091	U		<0.0049	U		<0.051	U	
		VMP-12-5-072920	7/29/2020	<0.042	U		0.0022	J		<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U	
	11.5 ft	VMP-12-11.5-102219	10/22/2019	<0.043	U		<0.018	U		0.0088	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-12-11.5-012920	1/29/2020	<0.042	U		<0.018	U		<0.0092	ND,UJ	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U	
		VMP-12-11.5-042920	4/29/2020	<0.04	U		<0.017	U		0.035			<0.005	U		<0.0057	U		<0.0089	U		<0.0048	U		<0.049	U	
		VMP-12-11.5-072920	7/29/2020	<0.044	U		0.0014	J		0.0045	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0052	U		<0.054	U	
	25 ft	VMP-12-25-102219	10/22/2019	<0.044	U		<0.018	U		0.012		J	<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
		VMP-12-25-012920	1/29/2020	<0.045	U		<0.019	U		<0.0098	ND,UJ	UJ	<0.0056	U		<0.0064	U		<0.0099	U		<0.0053	U		<0.055	U	
		VMP-12-25-012920-DUP	1/29/2020	<0.042	U		<0.017	U		<0.009	ND,UJ	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0049	U		<0.051	U	
VMP-12-25-042920		4/29/2020	<0.039	U		<0.016	U		0.022			<0.0048	U		<0.0055	U		<0.0085	U		<0.0046	U		<0.048	U		
VMP-12-25-072920	7/29/2020	<13	U		<5.4	U		2.4	J		<1.6	U		<1.8	U		<2.9	U		1.6			<16	U			
VMP-12-25-072920-DUP	7/29/2020	0.6	J		<5.2	U		3.1			<1.6	U		<1.8	U		<2.8	U		1.2	J		<15	U			

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

Location	Depth	Sample ID	Sample Date	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene		
				2.3			9.3			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-13	5 ft	VMP-13-5-102819	10/28/2019	<0.045	U		<0.019	U		<0.0098	U	UJ	<0.0056	U		<0.0064	U		<0.01	U		<0.0053	U		<0.055	U	
		VMP-13-5-012420	1/24/2020	<0.05	U		<0.021	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.0059	U		<0.061	U	
		VMP-13-5-012420-DUP	1/24/2020	<0.05	U		<0.021	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.0059	U		<0.061	U	
		VMP-13-5-042320	4/23/2020	<0.042	U		<0.017	U		0.0064	J	J	<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U	
		VMP-13-5-073020	7/30/2020	0.0079	J		<0.019	U		0.02			<0.0058	U		0.001	J		<0.01	U		<0.0054	U		<0.057	U	
	10.5 ft	VMP-13-10.5-102819	10/28/2019	<0.044	U		<0.018	U		<0.0096	U	UJ	<0.0056	U		<0.0063	U		<0.0098	U		<0.0052	U		<0.055	U	
		VMP-13-10.5-012420	1/24/2020	<0.051	U		<0.021	U		<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.006	U		<0.063	U	
		VMP-13-10.5-042320	4/23/2020	<0.041	U		<0.017	U		0.0075	J	J	<0.0052	U		<0.0058	U		<0.0091	U		<0.0049	U		<0.051	U	
		VMP-13-10.5-073020	7/30/2020	<0.045	U		<0.019	U		0.0071	J		<0.0056	U		<0.0064	U		<0.0099	U		<0.0053	U		<0.055	U	
	21.5 ft	VMP-13-21.5-102819	10/28/2019	<0.046	U		<0.019	U		<0.01	U	UJ	<0.0058	U		<0.0065	U		<0.01	U		<0.0054	U		<0.057	U	
		VMP-13-21.5-012420	1/24/2020	<0.048	U		<0.02	U		<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0056	U		<0.058	U	
		VMP-13-21.5-042320	4/23/2020	<0.04	U		<0.017	U		<0.0088	ND,UJ	UJ	<0.005	U		<0.0057	U		<0.0089	U		<0.0048	U		<0.05	U	
VMP-13-21.5-073020		7/30/2020	<0.043	U		<0.018	U		0.0072	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U		
29.5 ft	VMP-13-29.5-102819	10/28/2019	<0.042	U		<0.017	U		0.02		J	0.0015	J		<0.0059	U		<0.0092	U		<0.0049	U		<0.051	U		
	VMP-13-29.5-042320	4/23/2020	<0.046	U		<0.019	U		0.004	J	J	<0.0057	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U		
	VMP-13-29.5-073020	7/30/2020	<0.045	U		<0.019	U		0.0056	J		<0.0056	U		<0.0064	U		<0.01	U		<0.0053	U		<0.055	U		
VMP-14	5 ft	VMP-14-5-102819	10/28/2019	<0.045	U		<0.018	U		<0.0097	U	UJ	<0.0056	U		<0.0063	U		<0.0099	U		<0.0053	U		<0.055	U	
		VMP-14-5-012820	1/28/2020	<0.05	U		<0.021	U		<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.0059	U		<0.062	U	
		VMP-14-5-042320	4/23/2020	0.0016	J		<0.016	U		0.0047	J	J	<0.005	U		<0.0056	U		<0.0088	U		<0.0047	U		<0.049	U	
		VMP-14-5-073020	7/30/2020	<0.044	U		<0.018	U		0.011			<0.0055	U		<0.0062	U		<0.0097	U		<0.0052	U		<0.054	U	
	11.5 ft	VMP-14-11.5-102819	10/28/2019	<0.049	U		<0.02	U		<0.01	U	UJ	<0.0061	U		<0.0069	U		<0.011	U		<0.0058	U		<0.06	U	
		VMP-14-11.5-012820	1/28/2020	<0.045	U		<0.018	U		<0.0097	U		0.0043	J		<0.0063	U		<0.0098	U		0.0084			<0.055	U	
		VMP-14-11.5-042320	4/23/2020	0.021	J		<0.017	U		0.015	JO	J	<0.0052	U		<0.0058	U		<0.0091	U		<0.0049	U		<0.051	U	
		VMP-14-11.5-073020	7/30/2020	0.0027	J		0.0029	J		0.011			<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
	20 ft	VMP-14-20-102819	10/28/2019	<0.048	U		<0.02	U		<0.01	U	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0056	U		<0.058	U	
		VMP-14-20-042320	4/23/2020	<0.046	U		<0.019	U		<0.0099	ND,UJ	UJ	0.0013	J		<0.0065	U		<0.01	U		0.0062			<0.056	U	
VMP-14-20-073020	7/30/2020	0.0027	J		<0.018	U		0.0085	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.0053	U		<0.055	U			
VMP-15	5 ft	VMP-15-5-102219	10/22/2019	<0.042	U		<0.017	U		0.0094	JO	J	<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U	
		VMP-15-5-012820	1/28/2020	<0.05	U		<0.02	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.0058	U		<0.061	U	
		VMP-15-5-042820	4/28/2020	<0.046	U		<0.019	U		<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0054	U		<0.057	U	
		VMP-15-5-072820	7/28/2020	<0.049	U		<0.02	U		0.059			<0.0061	U		<0.0069	U		<0.011	U		<0.0058	U		<0.06	U	
	21.5 ft	VMP-15-21.5-102219	10/22/2019	<0.42	U		<0.18	U		<0.092	ND,UJ	UJ	<0.053	U		<0.06	U		<0.094	U		<0.05	U		<0.52	U	
		VMP-15-21.5-012820	1/28/2020	<0.049	U		<0.02	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.0058	U		<0.06	U	
		VMP-15-21.5-042820	4/28/2020	<0.049	U		<0.02	U		0.0096	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0058	U		<0.06	U	
		VMP-15-21.5-072820	7/28/2020	<0.47	U		<0.19	U		<0.1	U		<0.058	U		<0.066	U		<0.1	U		<0.055	U		<0.57	U	
	25.5 ft	VMP-15-25.5-012820	1/28/2020	<0.12	U		<0.049	U		<0.026	U		<0.015	U		<0.017	U		<0.026	U		<0.014	U		<0.14	U	
VMP-15-25.5-042820	4/28/2020	<0.62	U		<0.26	U		<0.14	U		<0.078	U		<0.088	U		<0.14	U		<0.074	U		<0.77	U			

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

Location	Depth	Sample ID	Sample Date	1,4-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-16	5 ft	VMP-16-5-102219	10/22/2019	<0.048	U		<0.02	U		<0.01	ND,UJ	UJ	<0.006	U		<0.0068	U		<0.01	U		<0.0056	U		<0.059	U	
		VMP-16-5-012920	1/29/2020	0.0015	J		<0.018	U		<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0051	U		<0.053	U	
		VMP-16-5-012920-DUP	1/29/2020	<0.042	U		0.0012	J		<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U	
		VMP-16-5-042920	4/29/2020	<0.038	U		<0.016	U		0.0071	J		<0.0048	U		<0.0054	U		<0.0084	U		<0.0045	U		<0.047	U	
		VMP-16-5-072920	7/29/2020	0.0016	J		<0.019	U		<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U		<0.0053	U		<0.055	U	
	13.5 ft	VMP-16-13.5-102219	10/22/2019	0.51	J		<2.4	U		<1.3	U		<0.73	U		<0.83	U		<1.3	U		0.3	J		<7.2	U	
		VMP-16-13.5-012920	1/29/2020	<2.2	U		<2.3	U		<1.2	U		0.33	J	J	1.1			<1.2	U		1.2		J	<6.8	U	
		VMP-16-13.5-042920	4/29/2020	<1.2	U		<1.2	U		<0.65	U		<0.38	U		0.15	J	J	<0.66	U		<0.35	U		<3.7	U	
	19 ft	VMP-16-13.5-072920	7/29/2020	3.2	J		<28	U		43			<8.4	U		1.5	J		<15	U		<8	U		<83	U	
		VMP-16-19-102219	10/22/2019	2	J		<9.9	U		<5.2	U		5.6			32			<5.3	U		3.2			<29	U	
		VMP-16-19-012920	1/29/2020	<4.3	U		<4.5	U		<2.3	U		3.2			13			<2.4	U		2			<13	U	
		VMP-16-19-042920	4/29/2020	<2.7	U		<2.8	U		<1.5	U		2.4		J	17		J	<1.5	U		1.8		J	<8.3	U	
31 ft	VMP-16-19-072920	7/29/2020	2.4	J		<25	U		33			1.3	J		4.4	J		<13	U		<7.1	U		<74	U		
	VMP-16-31-102219	10/22/2019	1.8	J		<9.4	U		<4.9	U		4.9			14			<5	U		1.5	J		<28	U		
	VMP-16-31-012920	1/29/2020	<4.3	U		<4.5	U		<2.3	U		2.4		J	5.2		J	<2.4	U		<1.3	U		<13	U		
VMP-17	5 ft	VMP-16-31-042920	4/29/2020	<4.3	U		<4.4	U		<2.3	U		2.5		J	11		J	<2.4	U		1.4		J	<13	U	
		VMP-16-31-072920	7/29/2020	<110	U		<47	U		47			<14	U		<16	U		<25	U		<13	U		<140	U	
		VMP-17-5-102119	10/21/2019	<0.045	U		<0.018	U		0.0092	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.0053	U		<0.055	U	
VMP-17-5-012220		1/22/2020	<0.048	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0057	U		<0.059	U		
VMP-25	5 ft	VMP-17-5-042820	4/28/2020	<0.049	U		<0.02	U		0.0086	J	J	<0.0061	U		<0.0069	U		<0.011	U		<0.0058	U		<0.06	U	
		VMP-17-5-072220	7/22/2020	<0.047	U		<0.019	U		<0.01	U		<0.0059	U		<0.0066	U		<0.01	U		<0.0055	U		<0.058	U	
VMP-25-5-102819		10/28/2019	<0.044	U		<0.018	U		<0.0096	U	UJ	<0.0055	U		<0.0062	U		<0.0097	U		<0.0052	U		<0.054	U		
VMP-25-5-102819-DUP		10/28/2019	<0.043	U		<0.018	U		<0.0094	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U		
VMP-25-5-012820		1/28/2020	<0.042	U		<0.018	U		<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.005	U		<0.052	U		
VMP-25-5-012820-DUP		1/28/2020	<0.044	U		<0.018	U		<0.0096	U		0.0024	J		<0.0062	U		<0.0097	U		0.005	J		<0.054	U		
VMP-25-5-042320		4/23/2020	<0.05	U		<0.021	U		<0.011	U	J	<0.0063	U		<0.0071	U		<0.011	U		0.0029	J		<0.062	U		
VMP-29	10 ft	VMP-25-5-042320-DUP	4/23/2020	<0.045	U		<0.019	U		0.0065	J	J	0.00087	J		<0.0064	U		<0.01	U		0.0049	J		<0.055	U	
		VMP-25-5-072320	7/23/2020	<0.045	U		<0.018	U		0.0042	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.0053	U		<0.055	U	
		VMP-25-5-072320-DUP	7/23/2020	<0.045	U		<0.018	U		0.0088	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.0053	U		<0.055	U	
		VMP-29-10-102519	10/25/2019	<0.046	U		<0.019	U		0.012		J	<0.0057	U		<0.0065	U		<0.01	U		<0.0054	U		<0.056	U	
	18 ft	VMP-29-10-012420	1/24/2020	<0.046	U		<0.019	U		<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0054	U		<0.057	U	
		VMP-29-10-042320	4/23/2020	<0.041	U		<0.017	U		<0.0088	ND,UJ	UJ	<0.0051	U		<0.0058	U		<0.009	U		<0.0048	U		<0.05	U	
		VMP-29-10-072720	7/27/2020	<0.042	U		<0.017	U		0.0041	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U	
		VMP-29-18-102519	10/25/2019	<0.046	U		<0.019	U		0.01		J	<0.0057	U		<0.0064	U		<0.01	U		<0.0054	U		<0.056	U	
	26 ft	VMP-29-18-012420	1/24/2020	<0.053	U		<0.022	U		<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.0062	U		<0.065	U	
		VMP-29-18-042320	4/23/2020	<0.039	U		<0.016	U		0.0046	J	J	<0.0048	U		<0.0055	U		<0.0085	U		<0.0046	U		<0.048	U	
		VMP-29-18-072720	7/27/2020	<0.044	U		<0.018	U		0.013			<0.0055	U		<0.0062	U		<0.0096	U		<0.0052	U		<0.054	U	
		VMP-29-26-102519	10/25/2019	<0.046	U		<0.019	U		0.0066	J	J	<0.0058	U		<0.0066	U		<0.01	U		<0.0055	U		<0.057	U	
VMP-30	10 ft	VMP-29-26-012420	1/24/2020	<0.05	U		<0.02	U		<0.011	U		0.0034	J		<0.007	U		<0.011	U		0.0039	J		<0.061	U	
		VMP-29-26-042320	4/23/2020	<0.042	U		<0.018	U		<0.0092	ND,UJ	UJ	<0.0053	U		<0.006	U		<0.0093	U		<0.005	U		<0.052	U	
		VMP-29-26-042320-DUP	4/23/2020	<0.042	U		<0.017	U		0.0057	J	J	<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U	
		VMP-29-26-072720	7/27/2020	<0.04	U		<0.016	U		0.0061	J		<0.0049	U		<0.0056	U		<0.0087	U		<0.0047	U		<0.049	U	
26 ft	VMP-30-10-102519	10/25/2019	<0.043	U		<0.018	U		0.0079	J	J	<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U		
	VMP-30-10-012420	1/24/2020	<0.044	U		<0.018	U		<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0052	U		<0.054	U		
	VMP-30-10-042320	4/23/2020	<0.041	U		<0.017	U		0.0031	J	J	<0.0052	U		<0.0058	U		<0.0091	U		<0.0049	U		<0.051	U		
	VMP-30-10-072720	7/27/2020	<0.042	U		0.0022	J		0.0043	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0049	U		<0.051	U		
	VMP-30-18-102519	10/25/2019	<0.044	U		<0.018	U		<0.0096	U	UJ	<0.0055	U		<0.0062	U		<0.0097	U		<0.0052	U		<0.054	U		
	VMP-30-18-012420	1/24/2020	<0.051	U		<0.021	U		<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.0061	U		<0.063	U		
	VMP-30-18-042320	4/23/2020	0.0021	J		<0.017	U		0.0046	J	J	<0.0052	U		<0.0059	U		<0.0093	U		<0.005	U		<0.052	U		
	VMP-30-18-072720	7/27/2020	<0.18	U		<0.074	U		<0.039	U		&															

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

Location	Depth	Sample ID	Sample Date	1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene		
				2.3			9.3			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-41	10 ft	VMP-41-10-102819	10/28/2019	<0.043	U		<0.018	U		<0.0094	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0051	U		<0.053	U	
		VMP-41-10-012420	1/24/2020	<0.045	U		<0.019	U		<0.0098	U		<0.0056	U		<0.0064	U		<0.0099	U		<0.0053	U		<0.055	U	
		VMP-41-10-042320	4/23/2020	<0.041	U		<0.017	U		<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0049	U		<0.051	U	
		VMP-41-10-072920	7/29/2020	<0.047	U		<0.019	U		0.0035	J		<0.0059	U		<0.0066	U		<0.01	U		<0.0055	U		<0.058	U	
		VMP-41-10-072920-DUP	7/29/2020	<0.048	U		<0.02	U		<0.01	J	U	<0.006	U		<0.0068	U		<0.011	U		<0.0057	U		<0.059	U	
	20 ft	VMP-41-20-102819	10/28/2019	<0.044	U		<0.018	U		<0.0096	U	UJ	<0.0055	U		<0.0062	U		<0.0097	U		<0.0052	U		<0.054	U	
		VMP-41-20-012420	1/24/2020	<0.047	U		<0.02	U		<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0056	U		<0.058	U	
		VMP-41-20-042320	4/23/2020	<0.047	U		<0.02	U		<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		0.0017	J		<0.058	U	
	VMP-41-20-072920	7/29/2020	0.0044	J		0.0015	J		0.0084	J		<0.0056	U		<0.0064	U		<0.01	U		<0.0053	U		<0.055	U		
	26 ft	VMP-41-26-012420	1/24/2020	<0.051	U		<0.021	U		<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.006	U		<0.063	U	
		VMP-41-26-012420-DUP	1/24/2020	0.026	J		<0.02	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.0058	U		<0.06	U	
		VMP-41-26-042320	4/23/2020	<0.049	U		<0.02	U		<0.011	U		<0.0061	U		<0.007	U		<0.011	U		<0.0058	U		<0.06	U	
VMP-55	20 ft	VMP-55-20-012820	1/28/2020	<1	U		<0.43	U		<0.22	U		<0.13	U		<0.15	U		<0.23	U		<0.12	U		<1.3	U	
		VMP-55-20-042820	4/28/2020	<0.24	U		<0.1	U		<0.052	U		<0.03	U		<0.034	U		<0.053	U		<0.028	U		<0.3	U	
		VMP-55-20-072820	7/28/2020	<0.05	U		<0.021	U		<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.0059	U		<0.062	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-10-5-102519	10/25/2019	<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		<0.013	U
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	
VMP-10-5-073020	7/30/2020	<0.0044	U				<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0065	J		<0.0062	U	
10 ft	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	
	VMP-10-10-073020	7/30/2020	<0.0046		U		0.0019	J		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		0.0078	J		0.0055	J	
20 ft	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-10-20-073020	7/30/2020	<0.0044		U		<0.021	U		<0.015	U		0.0061	J		<0.0052	U		<0.018	U		0.0097	J		0.019		
VMP-11	5 ft	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	
		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	
	8 ft	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	
		VMP-11-8-072720	7/27/2020	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0071	J		<0.0062	U	
		VMP-11-8-072720-DUP	7/27/2020	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	J	U	<0.0059	U	
	29 ft	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-11-29-072720	7/27/2020	<0.0044	U		<0.02	U		0.0034	J		<0.0061	U		<0.0051	U		<0.018	U		0.021			<0.0061	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-11-38-072720	7/27/2020	<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-12	5 ft	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	
		VMP-12-5-072920	7/29/2020	<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0027	J		<0.006	U	
	11.5 ft	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	
		VMP-12-11.5-072920	7/29/2020	0.00082	J		<0.021	U		0.0019	J		<0.0062	U		<0.0052	U		<0.018	U		0.017			<0.0062	U	
	25 ft	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-12-25-072920	7/29/2020	16			<6.2	U		150			<1.8	U		<1.5	U		<5.4	U		0.98	J		<1.8	U			
VMP-12-25-072920-DUP	7/29/2020	14			<5.9	U		150			<1.8	U		<1.5	U		<5.2	U		1.6	J		<1.8	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-13	5 ft	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	
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		
VMP-13-5-073020	7/30/2020	<0.0047	U				<0.022	U		0.0064	J		0.0042	J		<0.0054	U		<0.019	U		0.015			0.012			
10.5 ft	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		
	VMP-13-10.5-073020	7/30/2020	<0.0046		U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		0.0062	J		<0.0064	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		
21.5 ft	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		
	VMP-13-21.5-073020	7/30/2020	<0.0044		U		<0.02	U		0.002	J		<0.0061	U		<0.0051	U		<0.018	U		0.0056	J		<0.0061	U		
	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		
29.5 ft	VMP-13-29.5-073020	7/30/2020	<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		0.0065	J		<0.0064	U			
	VMP-14	5 ft	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		
VMP-14-5-073020			7/30/2020	<0.0045	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0048	J		0.00071	J		
11.5 ft		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			
	VMP-14-11.5-073020	7/30/2020	<0.0044	U		<0.02	U		0.0021	J		<0.0061	U		<0.0051	U		<0.018	U		0.0089	J		<0.0061	U			
20 ft	VMP-14-11.5-073020-DUP	7/30/2020	<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U		0.012	J		<0.007	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-14-20-073020	7/30/2020	<0.0045	U		<0.021	U		0.0024	J		<0.0063	U		<0.0053	U		<0.019	U		0.0059	J		<0.0063	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-15-5-072820	7/28/2020	<0.005	U		<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.02	U		0.012	J		<0.0069	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		
		VMP-15-21.5-072820	7/28/2020	<0.047	U		<0.22	U		<0.16	U		<0.066	U		<0.055	U		<0.19	U		<0.13	U		<0.066	U		
	25.5 ft	VMP-15-21.5-072820-DUP	7/28/2020	<0.046	U		<0.22	U		<0.16	U		<0.065	U		<0.054	U		<0.19	U		<0.13	U		<0.065	U		
		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		

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-16	5 ft	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
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	
VMP-16-5-072920	7/29/2020	<0.0046	U				<0.021	U		0.0026	J		<0.0064	U		<0.0053	U		<0.019	U		0.0036	J		<0.0064	U	
13.5 ft	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-16-13.5-072920	7/29/2020	2.5		J		<32	U		310			16			<7.9	U		<28	U		22			29		
	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-16-19-072920	7/29/2020	2.2	J		<28	U		360			20			<7.1	U		<25	U		16	J		39			
	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-16-31-072920	7/29/2020	<11	U		<53	U		610			24			<13	U		<47	U		21	J		54		
		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-17-5-072220	7/22/2020	<0.0048	U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.013	J	U	<0.0066	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	U		<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	
VMP-29	10 ft	VMP-25-5-072320	7/23/2020	<0.0045	U		<0.021	U		0.01	J	<0.0063	U		<0.0053	U		0.0011	J		<0.013	J	U	<0.0063	U		
		VMP-25-5-072320-DUP	7/23/2020	<0.0045	U		<0.021	U		0.0092	J		<0.0063	U		<0.0053	U		0.0016	J		<0.013	J	U	<0.0063	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	
	18 ft	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	
		VMP-29-10-072720	7/27/2020	<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.015			0.0009	J	
		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	
		VMP-29-18-072720	7/27/2020	<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.014			<0.0062	U	
26 ft	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-29-26-072720	7/27/2020	<0.004	U		<0.019	U		<0.013	U		<0.0056	U		<0.0047	U		<0.016	U		<0.011	U		<0.0056	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-30-10-072720	7/27/2020	<0.0042	U		<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	J	U	0.0006	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		

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-41	10 ft	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
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	
VMP-41-10-072920	7/29/2020	<0.0048	U				<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.0066	J		<0.0066	U	
VMP-41-10-072920-DUP	7/29/2020	<0.0049	U				<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U		0.0062	J		<0.0068	U	
20 ft	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	
	VMP-41-20-072920	7/29/2020	<0.0046		U		<0.021	U		0.0029	J		<0.0064	U		<0.0053	U		<0.019	U		0.012	J		<0.0064	J	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-55-20-012820	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	
		VMP-55-20-072820	7/28/2020	<0.0051	U		<0.024	U		0.014	J		<0.0071	U		<0.0059	U		0.04			0.011	J		0.0016	J	

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

Location	Depth	Sample ID	Sample Date	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-10-5-102519	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	
		VMP-10-5-073020	7/30/2020	<0.0086	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
	10 ft	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	
		VMP-10-10-073020	7/30/2020	<0.0088	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-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-10-20-073020	7/30/2020	<0.0086	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0012	J		<0.037	U		<0.0069	U		<0.0068	U	
VMP-11	5 ft	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	
		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	
	8 ft	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	
		VMP-11-8-072720	7/27/2020	<0.0086	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
		VMP-11-8-072720-DUP	7/27/2020	<0.0082	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U	
	29 ft	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		<0.013	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-11-29-072720	7/27/2020	<0.0084	U		<0.0085	U		0.0038	J		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		0.018		
		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-12-5-102219	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	
		VMP-12-5-072920	7/29/2020	<0.0083	U		<0.0084	U		0.025			<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		0.0073		
	11.5 ft	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	
		VMP-12-11.5-072920	7/29/2020	<0.0086	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	J	U	<0.0069	U		<0.0068	U	
	25 ft	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-12-25-072920		7/29/2020	<2.6	U		<2.6	U		<2.6	U		<1.1	U		1.5			0.29	J		<2	U		<2	U		
VMP-12-25-072920-DUP	7/29/2020	<2.4	U		<2.5	U		<2.4	U		<1	U		1.9			<11	U		<2	U		<1.9	U			

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

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			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-13	5 ft	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	
		VMP-13-5-073020	7/30/2020	<0.0091	U		<0.0091	U		0.0069	J		<0.0039	U		0.0036	J		<0.039	U		<0.0072	U		<0.0071	U	
	10.5 ft	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-13-21.5-102819	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		
		VMP-13-29.5-073020	7/30/2020	<0.0088	U		<0.0089	U		0.0014	J		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.007	U	
VMP-14	5 ft	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	
		VMP-14-5-073020	7/30/2020	<0.0086	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0068	U	
	11.5 ft	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-14-11.5-073020	7/30/2020	<0.0084	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0067	U	
		VMP-14-11.5-073020-DUP	7/30/2020	<0.0096	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0076	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-14-20-073020	7/30/2020	<0.0088	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.0069	U	
VMP-15	5 ft	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	
		VMP-15-5-072820	7/28/2020	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0076	U	
	21.5 ft	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-15-21.5-072820	7/28/2020	<0.057	U		<0.092	U		<0.091	U		<0.04	U		<0.051	U		<0.4	U		<0.073	U		<0.072	U	
		VMP-15-21.5-072820-DUP	7/28/2020	<0.056	U		<0.091	U		<0.09	U		<0.039	U		<0.05	U		<0.39	U		<0.072	U		<0.071	U	
		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	

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-16	5 ft	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	
		VMP-16-5-072920	7/29/2020	<0.0088	U		<0.0089	U		0.01			<0.0038	U		<0.0049	U		0.0044	J		<0.0071	U		<0.007	U	
	13.5 ft	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	
		VMP-16-13.5-072920	7/29/2020	1.1	J		<13	U		<13	U		<5.7	U		17			<58	U		<10	U		<10	U	
	19 ft	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	
VMP-16-19-072920		7/29/2020	<12	U		<12	U		2.2	J		<5.1	U		15			<51	U		<9.4	U		<9.3	U		
31 ft	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-16-31-072920	7/29/2020	<22	U		<22	U		<22	U		<9.6	U		20			<97	U		<18	U		<18	U		
VMP-17	5 ft	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-17-5-072220	7/22/2020	<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-25	5 ft	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	
		VMP-25-5-072320	7/23/2020	<0.0088	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.0069	U	
VMP-29	10 ft	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	
		VMP-29-10-072720	7/27/2020	<0.0082	U		<0.0083	U		0.0027	J		0.27			<0.0046	U		<0.036	U		<0.0066	U		<0.0065	U	
	18 ft	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	
		VMP-29-18-072720	7/27/2020	<0.0086	U		<0.0086	U		<0.0085	U		0.84			<0.0047	U		<0.037	U		<0.0069	U		<0.0068	U	
	26 ft	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-29-26-072720	7/27/2020	<0.0078	U		<0.0078	U		0.0045	J		0.38			<0.0043	U		<0.034	U		<0.0062	U		<0.0061	U		
	VMP-30	10 ft	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	
VMP-30-10-072720			7/27/2020	<0.0082	U		<0.0083	U		<0.0082	U		0.0072			<0.0045	U		<0.036	U		<0.0066	U		<0.0065	U	
18 ft		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				

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-41	10 ft	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	
		VMP-41-10-072920	7/29/2020	<0.0092	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0072	U	
		VMP-41-10-072920-DUP	7/29/2020	<0.0094	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0074	U	
	20 ft	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	
		VMP-41-20-072920	7/29/2020	<0.0088	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0021	J		<0.038	U		<0.0071	U		<0.007	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-55-20-012820	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	
		VMP-55-20-072820	7/28/2020	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0078	U	

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-10-5-102519	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	
		VMP-10-5-073020	7/30/2020	0.0011	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
	10 ft	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	
		VMP-10-10-073020	7/30/2020	0.0014	J		<0.0064	U		<0.0064	U		0.0034	J		<0.0033	U		<0.0056	U		<0.0056	U	
	20 ft	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-10-20-073020	7/30/2020	0.0012	J		0.00085	J		<0.0062	U		0.028			<0.0032	U		<0.0055	U		<0.0055	U	
VMP-11	5 ft	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	
		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	
	8 ft	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	
		VMP-11-8-072720	7/27/2020	0.0013	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-11-8-072720-DUP	7/27/2020	0.0011	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	29 ft	VMP-11-29-102519	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-11-29-072720	7/27/2020	0.001	J		<0.0061	U		<0.0061	U		<0.0058	U		0.018			<0.0054	U		<0.0054	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-11-38-072720	7/27/2020	0.0011	J		<0.0061	U		<0.0061	U		0.0022	J		<0.0032	U		<0.0054	U		<0.0054	U			
VMP-12	5 ft	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-12-5-072920	7/29/2020	0.0012	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	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-12-11.5-072920	7/29/2020	0.0012	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	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	
25 ft	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-12-25-072920	7/29/2020	<2.1	U		<1.8	U		<1.8	U		99			<0.96	U		<1.6	U		<1.6	U		
	VMP-12-25-072920-DUP	7/29/2020	<2	U		<1.8	U		<1.8	U		97			<0.92	U		<1.6	U		<1.6	U		

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				5600												4.8			580			790		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-102819	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	
		VMP-13-5-073020	7/30/2020	0.0014	J		<0.0065	U		<0.0065	U		0.027			<0.0034	U		<0.0058	U		<0.0058	U	
	10.5 ft	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-13-21.5-102819	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-13-21.5-073020	7/30/2020	0.00087	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
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		
29.5 ft	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		
	VMP-13-29.5-073020	7/30/2020	0.0013	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U		
VMP-14	5 ft	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	
		VMP-14-5-073020	7/30/2020	0.0013	J		<0.0062	U		<0.0062	U		0.00049	J		<0.0032	U		<0.0055	U		<0.0055	U	
	11.5 ft	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-14-11.5-073020	7/30/2020	0.00091	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-14-11.5-073020-DUP	7/30/2020	0.0012	J		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	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	
20 ft	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-14-20-073020	7/30/2020	0.0011	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U		
VMP-15	5 ft	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	
		VMP-15-5-072820	7/28/2020	0.002	J		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
	21.5 ft	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	
	21.5 ft	VMP-15-21.5-072820	7/28/2020	<0.076	U		<0.066	U		<0.066	U		20			<0.034	U		<0.058	U		<0.058	U	
		VMP-15-21.5-072820-DUP	7/28/2020	<0.074	U		<0.065	U		<0.065	U		23			<0.034	U		<0.057	U		<0.057	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		

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				5600												4.8			580			790		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-102219	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	
		VMP-16-5-072920	7/29/2020	<0.0073	U		<0.0064	U		<0.0064	U		1.6			<0.0033	U		<0.0056	U		<0.0056	U	
	13.5 ft	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-16-19-102219	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
		VMP-16-19-072920	7/29/2020	<9.7	U		1.9	J		<8.5	U		1300			<4.4	U		<7.5	U		<7.5	U	
31 ft	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-17-5-102119	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-17-5-072220	7/22/2020	0.0016	J		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0059	U		<0.0059	U	
VMP-25	5 ft	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	
		VMP-25-5-072320	7/23/2020	<0.0072	U		<0.0063	U		<0.0063	U		0.0055	J		<0.0033	U		<0.0056	U		<0.0056	U	
VMP-29	10 ft	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	
		VMP-29-10-072720	7/27/2020	<0.0068	U		<0.0059	U		<0.0059	U		0.0021	J		<0.0031	U		<0.0052	U		<0.0052	U	
	18 ft	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-29-18-072720	7/27/2020	0.00099	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	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-30	10 ft	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-29-26-072720	7/27/2020	0.0009	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	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	
	18 ft	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	
		VMP-30-10-072720	7/27/2020	0.00088	J		<0.0059	U		<0.0059	U		<0.0013	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-30-18-102519	10/25/2019	0.0013	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0082	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-30-18-072720	7/27/2020	<0.029	U		<0.025	U		<0.025	U		<0.024	U		<0.013	U		<0.022	U		<0.022	U		
	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			
	7/27/2020	0.0013	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	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	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				5600												4.8			580			790		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-102819	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	
		VMP-41-10-072920	7/29/2020	0.00093	J		<0.0066	U		<0.0066	U		0.001	J		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-41-10-072920-DUP	7/29/2020	0.0011	J		<0.0068	U		<0.0068	U		<0.0065	U		<0.0035	U		<0.006	U		<0.006	U	
	20 ft	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	
		VMP-41-20-072920	7/29/2020	0.0013	J		<0.0064	U		<0.0064	U		0.0038	J		<0.0033	U		<0.0056	U		<0.0056	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-55-20-012820	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	
		VMP-55-20-072820	7/28/2020	<0.0081	U		<0.0071	U		<0.0071	U		0.12			<0.0037	U		<0.0063	U		<0.0063	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 commercial/industrial screening criterion.
 Blank cells in Result column indicate that analyte was not on target analyte list.

Lab Qualifiers

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

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-1-5-102419	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		
		VMP-1-5-072820	7/28/2020	0.74			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
	8.5 ft	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		
		VMP-1-8.5-072820	7/28/2020	0.74			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
	23.5 ft	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		
		VMP-1-23.5-072820	7/28/2020	0.74			<0.026	U		<0.0026	U		<0.0026	U		0.0084	J		<0.00026	U		80			19		
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-1-38.5-072820	7/28/2020	0.74			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			19			
VMP-2	5 ft	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		
		VMP-2-5-072420	7/24/2020	6.1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		82			12		
	8.5 ft	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		
		VMP-2-8.5-072420	7/24/2020	4			<0.024	U		<0.0024	U		<0.0024	U		0.012	J		<0.00024	U		80			16		
	22 ft	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-2-22-072420	7/24/2020	3.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			16				
VMP-3	5 ft	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		
		VMP-3-5-072920	7/29/2020	0.22			<0.027	U		<0.0027	U		<0.0027	U		0.79			0.00021	J		79			20		
	10 ft	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		
		VMP-3-10-072920	7/29/2020	0.28			<0.025	U		<0.0025	U		<0.0025	U		0.21			0.00031			78			21		
		VMP-3-10-072920	7/29/2020	0.28			<0.025	U		<0.0025	U		<0.0025	U		0.21			0.00031			78			21		
	22 ft	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		
		VMP-3-22-072920	7/29/2020	1.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00011	J		79			20		
	31.5 ft	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	
VMP-3-31.5-072920		7/29/2020	5.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.018			80			15			

**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-4-5-102119	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		
		VMP-4-5-073020	7/30/2020	0.37			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
	VMP-4-5-073020-DUP	7/30/2020	0.38			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20			
	12 ft	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		
		VMP-4-12-073020	7/30/2020	0.66			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
	23.5 ft	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-4-23.5-073020		7/30/2020	2.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19			
VMP-5	5 ft	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		
		VMP-5-5-072320	7/23/2020	0.51			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
	12.5 ft	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		
		VMP-5-12.5-072320	7/23/2020	1.1			<0.025	U		<0.0025	U		<0.0025	U		0.037	J		<0.00025	U		80			19		
	31 ft	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-5-31-072320	7/23/2020	1.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.001			80			19		
VMP-5-31-072320-DUP	7/23/2020	1.3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00097			80			19				
VMP-6	5 ft	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		
		VMP-6-5-072220	7/22/2020	1.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		81			18		
	10 ft	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		
		VMP-6-10-072220	7/22/2020	1.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00017	J		80			19		
	31.5 ft	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-6-31.5-072220	7/22/2020	2			<0.027	U		<0.0027	U		<0.0027	U		0.018	J		0.0049			79			19		
VMP-7	5 ft	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		
		VMP-7-5-073020	7/30/2020	0.76			<0.024	U		<0.0024	U		<0.0024	U		0.007	J		<0.00024	U		80			19		
	13.5 ft	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		
		VMP-7-13.5-073020	7/30/2020	0.8			<0.026	U		<0.0026	U		<0.0026	U		0.014	J		<0.00026	U		79			20		
	29.5 ft	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				
VMP-7-29.5-073020	7/30/2020	1.7			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19				

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-8-5-101819	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		
		VMP-8-5-072220	7/22/2020	3.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U			81			16		
	9.5 ft	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		
		VMP-8-9.5-072220	7/22/2020	4			<0.026	U		<0.0026	U		<0.0026	U		0.0078	J		<0.00026	U			80			16		
		VMP-8-9.5-072220-DUP	7/22/2020	4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U			80			16		
	23.5 ft	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		
		VMP-8-23.5-072220	7/22/2020	3.5			<0.024	U		<0.0024	U		<0.0024	U		0.0077	J		0.0072				80			16		
		VMP-8-23.5-072220-DUP	7/22/2020	4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U			80			16		
35.5 ft	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-8-35.5-072220	7/22/2020	1.8			<0.024	U		<0.0024	U		<0.0024	U		0.46			<0.00024	U			80			18			
	VMP-8-35.5-072220-DUP	7/22/2020	1.8			<0.024	U		<0.0024	U		<0.0024	U		0.46			<0.00024	U			80			18			
VMP-9	5 ft	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		
		VMP-9-5-072220	7/22/2020	2.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U			81			17		
		VMP-9-5-072220-DUP	7/22/2020	2.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U			80			17		
	11.5 ft	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		
		VMP-9-11.5-072220	7/22/2020	1.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U			80			19		
		VMP-9-11.5-072220-DUP	7/22/2020	1.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U			80			19		
	25.5 ft	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-9-25.5-072220	7/22/2020	1.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00013	J			78			20		
VMP-10	5 ft	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		
		VMP-10-5-073020	7/30/2020	2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U			79			19		
		VMP-10-5-073020-DUP	7/30/2020	2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U			79			19		
	10 ft	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		
		VMP-10-10-073020	7/30/2020	1.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U			79			19		
		VMP-10-10-073020-DUP	7/30/2020	1.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U			79			19		
	20 ft	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		
		VMP-10-20-073020	7/30/2020	1.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U			79			20		
		VMP-10-20-073020-DUP	7/30/2020	1.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U			79			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-11	5 ft	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-11-8-102519	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		
		VMP-11-8-072720	7/27/2020	5.3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00016	J				81			14		
	29 ft	VMP-11-8-072720-DUP	7/27/2020	5.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00018	J				81			14		
		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		
	38 ft	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		
		VMP-11-29-072720	7/27/2020	3.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U				80			17		
		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		
	38 ft	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-11-38-072720		7/27/2020	5			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00038					80			15			
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 ft	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		
		VMP-12-5-072920	7/29/2020	0.26			<0.024	U		<0.0024	U		<0.0024	U		0.0076	J		<0.00024	U				82			18		
		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		
	11.5 ft	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		
		VMP-12-11.5-072920	7/29/2020	2.5			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U				84			14		
		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		
	25 ft	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-12-25-072920	7/29/2020	13			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.27					85			1.5		
	25 ft	VMP-12-25-072920-DUP	7/29/2020	13			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.28					85			1.5		
		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 ft	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		
		VMP-13-5-073020	7/30/2020	1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U				81			18		
		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		
	10.5 ft	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		
		VMP-13-10.5-073020	7/30/2020	0.61			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00016	J				79			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		
	21.5 ft	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		
		VMP-13-21.5-073020	7/30/2020	0.31			<0.025	U		<0.0025	U		<0.0025	U		0.0076	J		0.00038					80			20		
	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		
	29.5 ft	VMP-13-29.5-073020	7/30/2020	0.67			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	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-14	5 ft	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		
		VMP-14-5-073020	7/30/2020	4.1			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00034				88			7.5		
	11.5 ft	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		
		VMP-14-11.5-073020	7/30/2020	3.6			<0.025	U		<0.0025	U		<0.0025	U		0.023	J		0.00014	J			85			11		
	20 ft	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-14-20-073020		7/30/2020	10			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00037				83			6.7			
VMP-14-20-073020-DUP		7/30/2020	4.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00022	J			84			12			
VMP-15	5 ft	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		
		VMP-15-5-072820	7/28/2020	7.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U			85			8.2		
	21.5 ft	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		
		VMP-15-21.5-072820	7/28/2020	14			<0.027	U		0.00034	J		<0.0027	U		<0.13	U		6.2				78			1.4		
	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-16-5-102219	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-16-5-072920	7/29/2020	19			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0022				79			2.1		
		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-16-13.5-072920	7/29/2020	16			<0.027	U		0.00024	J		<0.0027	U		<0.14	U		6.2				76			1.4		
		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-16-19-072920	7/29/2020	16			<0.024	U		0.00024	J		<0.0024	U		<0.12	U		6.7				76			1.6		
		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-16-31-072920	7/29/2020	16			<0.026	U		0.00022	J		<0.0026	U		<0.13	U		7.2				75			1.4		
		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-17-5-072220	7/22/2020	1.6			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U			79			19		
		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-19	5 ft	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		
		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			<0.02																					

**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-20	5 ft	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					
		VMP-20-5-072320	7/23/2020	14			<0.024	U		<0.0024	U		<0.0024	U		0.0092	J		<0.00024	U						78			8					
	10 ft	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				
		VMP-20-10-072320	7/23/2020	13			<0.025	U		<0.0025	U		<0.0025	U		0.0064	J		<0.00025	U							79			8.4				
	25 ft	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-20-25-072320	7/23/2020	4.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U							80			16						
VMP-21	5 ft	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				
		VMP-21-5-072420	7/24/2020	3.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00011	J							79			18				
	10 ft	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				
	VMP-21-10-072420	7/24/2020	6.1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U							78			16					
	25 ft	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			
		VMP-21-25-072420	7/24/2020	3.1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U								80			17			
	33 ft	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-21-33-072420		7/24/2020	2.8			<0.026	U		<0.0026	U		<0.0026	U		0.0079	J		<0.00026	U								80			17				
VMP-22	5 ft	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			
		VMP-22-5-072320	7/23/2020	1.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000095	J								80			19			
	10 ft	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		
		VMP-22-10-072320	7/23/2020	0.77			<0.025	U		<0.0025	U		<0.0025	U		0.058	J		0.00014	J									79			20		
	18 ft	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		
		VMP-22-18-072320	7/23/2020	1.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U									79			19		
	38 ft	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																				

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-23	5 ft	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		
		VMP-23-5-072320	7/23/2020	2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
	10 ft	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		
		VMP-23-10-072320	7/23/2020	2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			18		
	25 ft	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-23-25-072320		7/23/2020	2			<0.027	U		<0.0027	U		<0.0027	U		0.05	J		0.00022	J		80			18			
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		
		VMP-24-5-072220	7/22/2020	3.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		81			16		
	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		
		VMP-24-10-072220	7/22/2020	4.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			16		
	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-24-22-072220	7/22/2020	2.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			17		
		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-24-34-072220	7/22/2020	4.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			16		
		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-25-5-072320	7/23/2020	8.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00067			88			4.2		
		VMP-25-5-072320-DUP	7/23/2020	8.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00063			88			4.2		
		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		
	18 ft	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		
		VMP-29-10-072720	7/27/2020	0.18			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	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		
	26 ft	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		
		VMP-29-18-072720	7/27/2020	0.24			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00013	J		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		
26 ft	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			
	VMP-29-26-072720	7/27/2020	0.31			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.0012			80			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-30	10 ft	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		
		VMP-30-10-072720	7/27/2020	1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
	18 ft	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		
		VMP-30-18-072720	7/27/2020	0.99			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
	26 ft	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-30-26-072720	7/27/2020	1.3			<0.024	U		<0.0024	U		<0.0024	U		0.0082	J		0.00015	J		80			19				
VMP-32	5 ft	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		
		VMP-32-5-072920	7/29/2020	2.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
	10 ft	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		
		VMP-32-10-072920	7/29/2020	2.7			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			18		
	20 ft	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		
		VMP-32-20-072920	7/29/2020	0.14			<0.025	U		<0.0025	U		<0.0025	U		0.027	J		0.00021	J		79			21		
		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		
30 ft	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-32-30-072920	7/29/2020	0.94			<0.027	U		<0.0027	U		<0.0027	U		0.18			0.00014	J		79			20			
	10 ft	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			
VMP-41-10-072920		7/29/2020	1.3			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			19			
20 ft	VMP-41-10-072920-DUP	7/29/2020	1.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	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-41-20-072920	7/29/2020	1.1			<0.026	U		<0.0026	U		<0.0026	U		0.013	J		<0.00026	U		80			19			
	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-42-10-102119	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		
		VMP-42-10-072820	7/28/2020	2.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
	20 ft	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-42-20-072820	7/28/2020	2.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			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		
30 ft	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			
	VMP-42-30-072820	7/28/2020	2.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.000096	J		80			18			

**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-43-10-102119	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		
		VMP-43-10-072820	7/28/2020	0.49			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0002	J		80			20		
	20 ft	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		
		VMP-43-20-072820	7/28/2020	0.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0056			80			19		
	30 ft	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-43-30-072820	7/28/2020	4.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.2			83			12		
VMP-44	10 ft	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		
		VMP-44-10-072820	7/28/2020	5.1			<0.024	U		<0.0024	U		<0.0024	U		0.0068	J		0.00052			82			13		
	20 ft	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		
		VMP-44-20-072820	7/28/2020	5.3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00044			83			12		
	30 ft	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-45-10-111519R	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		
		VMP-45-10-072820	7/28/2020	0.88			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			19		
	20 ft	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		
		VMP-45-20-072820	7/28/2020	0.9			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			19		
	30 ft	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		
		VMP-45-30-072820	7/28/2020	0.8			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		0.00024	J		81			18		

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HISTORICAL SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-102319	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		<0.00096	J		79			21		
		VMP-47-5-072720	7/27/2020	2.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			17		
	10 ft	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		
		VMP-47-10-072720	7/27/2020	1.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		
	20 ft	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			
VMP-47-20-072720		7/27/2020	1.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19			
30 ft	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-47-30-072720	7/27/2020	1.6			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19			
VMP-48	5 ft	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		
		VMP-48-5-073020	7/30/2020	7.5			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			12		
	10 ft	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		
		VMP-48-10-073020	7/30/2020	4.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			16		
	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		
		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		
30 ft	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-48-30-073020	7/30/2020	6.5			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			16			
VMP-49	5 ft	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		
		VMP-49-5-072420	7/24/2020	0.73			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-49-5-072420-DUP	7/24/2020	0.72			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
	10 ft	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		
		VMP-49-10-072420	7/24/2020	1.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00014	J		79			19		
	20 ft	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-49-20-072420	7/24/2020	1.4			<0.024	U		<0.0024	U		<0.0024	U		0.16			0.0002	J		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			
VMP-49-30-072420		7/24/2020	8.9			<0.026	U		<0.0026	U		<0.0026	U		0.065	J		<0.00026	U		79			12			

**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-50	5 ft	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		
		VMP-50-5-072720	7/27/2020	2.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
	10 ft	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		
		VMP-50-10-072720	7/27/2020	2.1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			18		
	20 ft	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		
		VMP-50-20-072720	7/27/2020	2.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		81			17		
30 ft	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-50-30-072720	7/27/2020	1.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.017			80			18			
VMP-51	5 ft	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-51-5-072320	7/23/2020	1.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0001	J		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-51-10-072320	7/23/2020	2.2			<0.023	U		<0.0023	U		<0.0023	U		0.14			<0.00023	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-51-20-072320	7/23/2020	2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19			
	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-52	5 ft	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-51-30-072320	7/23/2020	2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		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		
10 ft	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			
	VMP-52-5-072320	7/23/2020	3			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00012	J		82			15			
	VMP-52-5-072320-DUP	7/23/2020	3.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0001	J		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			
20 ft	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			
	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-52-20-072320	7/23/2020	2.1			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			19			
	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 ft	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		
		VMP-52-30-072320	7/23/2020	2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			19		

**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-53-5-101819	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		
		VMP-53-5-072220	7/22/2020	2.6			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U			79			18		
	10 ft	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		
		VMP-53-10-072220	7/22/2020	2.1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U			80			18		
	20 ft	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		
		VMP-53-20-072220	7/22/2020	1.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U			80			18		
	30 ft	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-53-30-072220	7/22/2020	2.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U			80			18				
VMP-54	5 ft	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		
		VMP-54-5-072220	7/22/2020	3.9			<0.026	U		<0.0026	U		<0.0026	U		0.028	J		<0.00026	U			80			16		
	10 ft	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		
		VMP-54-10-072220	7/22/2020	3.1			<0.027	U		<0.0027	U		<0.0027	U		0.0072	J		<0.00027	U			80			17		
	20 ft	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		
		VMP-54-20-072220	7/22/2020	2.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U			80			17		
30 ft	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-54-30-072220	7/22/2020	2.1			<0.026	U		<0.0026	U		<0.0026	U		0.09	J		<0.00026	U			82			16				
VMP-55	20 ft	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-55-20-072820	7/28/2020	21			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.0016				76			2.7		
VMP-56	10 ft	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		
		VMP-56-10-072320	7/23/2020	0.88			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00011	J			79			20		
	VMP-56-10-072320-DUP	7/23/2020	0.93			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00011	J			80			19			
	25 ft	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			
VMP-56-25-072320	7/23/2020	0.58			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.000087	J			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-62-5-102319	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		
		VMP-62-5-072720	7/27/2020	8.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U				81			11		
	10 ft	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		
		VMP-62-10-072720	7/27/2020	5.1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U				80			15		
	20 ft	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-62-30-102319	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-62-30-072720	7/27/2020	1.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U				80			18			
VMP-63	5 ft	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-63-10-102419	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		
		VMP-63-10-072820	7/28/2020	1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U				80			19		
	20 ft	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		
		VMP-63-20-072820	7/28/2020	0.95			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U				79			20		
	30 ft	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-63-30-072820		7/28/2020	1.1			<0.024	U		<0.0024	U		<0.0024	U		0.0083	J		<0.00024	U				79			20			
VMP-64	5 ft	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		
		VMP-64-5-072420	7/24/2020	0.78			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U				84			15		
	10 ft	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		
		VMP-64-10-072420	7/24/2020	2.7			<0.025	U		<0.0025	U		<0.0025	U		0.11	J		<0.00025	U				81			16		
	20 ft	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		
20 ft	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			
	VMP-64-20-072420	7/24/2020	1.8			<0.025	U		<0.0025	U		<0.0025	U		0.014	J		<0.00025	U				80			18			
	VMP-64-20-072420-DUP	7/24/2020	1.8			<0.025	U		<0.0025	U		<0.0025	U		0.01	J		<0.00025	U				80			18			
	VMP-64-20-072420-DUP	7/24/2020	1.8			<0.025	U		<0.0025	U		<0.0025	U		0.01	J		<0.00025	U				80			18			

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

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

**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 ₂ O)	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)	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-03R		6/19/2020	0875	-12.58	33.04	0.0	0	1.7	19.2	0.9	0.7	0.0	0.7	
SVE-03R		7/9/2020	1200	-14.80	32.55	0.0	0	1.8	18.7	0.4	3.6	1.9	1.7	
SVE-03R		7/23/2020	1000	-15.00	33.75	8.0	OVR	1.7	16.3	227	14300	12118	2182	
SVE-03R		7/24/2020	0920	-11.00	32.70	16.6	OVR	2.5	14.4	366	18700	16941	1759	
SVE-03R		7/29/2020	0925	-14.17	32.74	24.4	OVR	5.2	10.3	419	39510	31610	7900	
SVE-03R		7/30/2020	0850	-13.82	32.68	33.8	OVR	5.7	9.6	508	49940	38310	11630	
SVE-03R		7/31/2020	0827	-15.15	32.67	27.9	OVR	6.5	8.8	382	48150	36890	11260	
SVE-03R		8/6/2020	1254	-14.75	32.54	31.4	OVR	8.2	7.3	567	50470	40040	10430	
SVE-03R		8/12/2020	1457	-15.20	32.39	26.5	OVR	7.4	8.6	486	40950	32370	8580	
SVE-03R		8/19/2020	1143	-16.09	33.24	30.5	OVR	7.8	8.3	441	39340	28350	10990	
SVE-03R		8/20/2020	1431	-15.34	32.12	30.5	OVR	7.7	8.3	438	36970	25720	11250	
SVE-03R	8/25/2020	1254	-18.57	31.86	25.3	OVR	7.5	9.0	547	34480	27300	7180		
SVE-03R	9/2/2020	1235	-20.49	31.63	19.3	OVR	7.2	9.6	418	32160	25180	6980		
SVE-03R	9/9/2020	1128	-20.99	31.73	15.8	OVR	6.9	10.2	378	28480	22900	5580		
SVE-03R	9/17/2020	1350	-20.74	31.98	13.7	OVR	6.7	10.6	353	28410	21590	6820		
SVE-04	427.04 - 437.04 (5 - 15)	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-04		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-04	9/17/2020	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)	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.
SVE-05		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05	8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-05	9/17/2020	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 ₂ O)	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)	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-06		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		9/17/2020	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)	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-07		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		9/17/2020	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)	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.
SVE-08		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09	422.41 - 432.41 (10 - 20)	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-09		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		9/17/2020	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 ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-10	422.74 - 432.74 (10 - 20)	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-10		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10	8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-10	9/17/2020	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)	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	
SVE-11		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11	8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-11	9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-12	423.78 - 433.78 (10 - 20)	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-12		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12	8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-12	9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-13	423.77 - 433.77 (10 - 20)	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-13		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13	8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-13	9/17/2020	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 ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)		
SVE-14	423.87 - 433.87 (10 - 20)	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.	
SVE-14		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-14		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-14	9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.		
SVE-15	424.15 - 434.15 (10 - 20)	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-15		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-15		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-15	9/17/2020	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)	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-16		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-16		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-16	9/17/2020	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)	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	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	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		
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		
SVE-17		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17	9/17/2020	NM	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 ₂ O)	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)	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	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	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-18		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19	423.44 - 433.44 (11 - 21)	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	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	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-19		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-20	409.67 - 419.67 (25 - 35)	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	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	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		
SVE-20		7/13/2020	1249	-70.80	37.86	9.6	OVR	5.9	12.6	410	31610	28350	3260		
SVE-20		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-20		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-20		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-20		9/23/2020	1445	-46.60	NE	11.8	OVR	9.6	5.0	261	44010	41650	2360		
SVE-20		9/29/2020	1034	-47.20	NE	19.6	OVR	9.7	6.3	345	54440	48540	5900		
SVE-21	408.29 - 418.29 (25 - 35)	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	NM	Well valve closed off from SVE System.
SVE-21		12/11/2019	NM	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	NM	Well valve closed off from SVE System.
SVE-21		2/20/2020	NM	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	NM	Well valve closed off from SVE System.
SVE-21		4/22/2020	NM	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	NM	Well valve closed off from SVE System.
SVE-21		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		9/23/2020	1258	-15.95	34.53	0.0	0	1.9	18.5	0.8	44.7	44.7	0		
SVE-21		9/29/2020	1334	-16.19	34.53	0.0	0	1.4	20.0	4.1	118	58	60		

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 ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-22	404.37 - 414.37 (25 - 35)	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-22		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		9/23/2020	1317	-11.67	31.04	0.0	0	1.5	19.9	0.1	2.4	2.4	0	
SVE-22		9/29/2020	1400	-12.11	31.10	0.0	0	0.7	20.8	0.1	2.3	2.1	0.2	
SVE-22		9/30/2020	1225	-14.74	30.82	0.0	0	0.7	20.6	0.3	2.5	2.3	0.2	
SVE-23	405.75 - 415.75 (15 - 25)	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.
SVE-23		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		9/23/2020	1315	-11.35	22.79	0.0	0	1.8	19.5	0.0	0.0	0.0	0	
SVE-23		9/29/2020	1348	-11.68	22.86	0.0	0	1.1	20.6	0.6	1.8	0.0	1.8	
SVE-23		9/30/2020	1338	-15.42	22.53	0.0	0	0.9	20.2	1.8	66.7	53.7	13.0	
SVE-24	409.22 - 419.22 (15 - 25)	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-24		7/9/2020	1148	-74.00	17.31	0.1	2	2.9	17.1	22.4	374	264	110	
SVE-24		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-24		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-24		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-24		9/23/2020	1418	-13.97	24.57	0.4	8	5.5	14.6	27.7	2110	2091	19	
SVE-24		9/29/2020	1408	-14.51	23.88	0.2	5	3.6	17.3	26.9	1820	1395	425	
SVE-24	9/30/2020	1025	-14.50	23.84	0.2	5	3.7	17.3	28.7	1820	1571	249		

**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 ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-25	422 - 432 (10 - 20)	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-25		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25	9/17/2020	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)	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.
SVE-26		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26	9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-26	9/23/2020	1354	-13.94	27.89	0.0	0	1.7	17.3	0.1	2.7	2.7	0		
SVE-26	9/29/2020	1421	-14.36	27.94	0.0	0	1.8	20.0	0.1	0.5	0.5	0		
SVE-26	9/30/2020	1255	-17.05	27.85	0.0	0	1.5	17.3	3.4	21.2	4.3	16.9		
SVE-27	405.93 - 415.93 (20 - 30)	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-27		7/9/2020	1221	-68.00	25.17	12.6	OVR	2.6	17.0	602	11000	2895	8105	
SVE-27		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-27	8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-27	9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-27	9/23/2020	1407	-22.91	26.03	77.5	OVR	5.5	11.3	670	55750	32020	23730		
SVE-27	9/29/2020	1430	-23.59	25.70	OVR	OVR	5.2	12.9	1270	57120	18260	38860		
SVE-27	9/30/2020	1157	-25.46	25.60	OVR	OVR	5.1	13.5	1380	58880	17710	41170		
SVE-28	392.94 - 402.94 (41 - 51)	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-28		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28	9/17/2020	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 ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)		
SVE-29	412.93 - 422.93 (21 - 31)	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.	
SVE-29		7/16/2020	1413	-37.60	27.86	0.0	0	1.6	19.0	4.5	106	75.6	30.4		
SVE-29		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-30	407.67 - 417.67 (25 - 35)	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	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	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-30		7/13/2020	1330	-44.90	32.81	1.2	25	4.9	14.3	230	2183	844	1339		
SVE-30		7/16/2020	1422	-37.60	34.86	1.2	24	4.6	14.6	213	1672	671	1001		
SVE-30		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-30		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-30		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-31	407.81 - 417.81 (25 - 35)	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	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	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-31		7/13/2020	1400	-44.80	35.11	13.0	OVR	3.3	16.4	854	11600	5766	5834		
SVE-31		7/17/2020	1150	-38.70	34.33	9.9	OVR	3.1	16.6	728	10300	4877	5423		
SVE-31		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-31		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-31		9/17/2020	NM	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 ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)		
SVE-32	408.63 - 418.63 (25 - 35)	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		
SVE-32		7/14/2020	1452	-47.70	34.61	69.2	OVR	6.2	10.7	742	73750	56520	17230		
SVE-32		7/17/2020	1203	-39.40	35.99	52.5	OVR	5.6	11.9	602	61130	41160	19970		
SVE-32		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-32		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-32		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-33		408.46 - 418.46 (25 - 35)	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-33	7/13/2020		1341	-61.30	34.86	1.8	38	5.2	13.8	151	5641	5462	179		
SVE-33	7/17/2020		1214	-41.20	37.03	2.3	46	5.0	13.7	172	6513	5975	538		
SVE-33	7/21/2020		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-33	8/19/2020		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-33	9/17/2020		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-34	398.76 - 418.76 (25 - 45)		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-34		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-34		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-34		9/17/2020	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)	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.	
SVE-35	7/21/2020		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-35	8/19/2020		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-35	9/17/2020		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 ₂ O)	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)	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-36		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37	409 - 419 (25 - 35)	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-37		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38	409 - 419 (25 - 35)	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	
SVE-38		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-39	409.5 - 419.5 (25 - 35)	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-39		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-39		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-39		9/17/2020	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 ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-40	409 - 419 (25 - 35)	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-40		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41	413 - 423 (20 - 30)	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.
SVE-41		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42	407.08 - 417.08 (25 - 35)	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-42		7/9/2020	1312	-61.30	25.45	0.0	0	1.8	18.9	1.6	86.2	62.5	23.7	
SVE-42		7/23/2020	0913	-28.80	30.93	0.3	6	2.3	17.8	18.3	1276	1009	267	
SVE-42		7/24/2020	0857	-28.01	30.85	0.3	7	2.3	17.5	27.3	1191	849	342	
SVE-42		7/29/2020	0839	-27.41	32.29	0.7	14	2.9	16.7	57.3	2059	1524	535	
SVE-42		7/30/2020	0840	-28.28	30.98	1.1	21	3.1	16.5	93.6	2821	2056	765	
SVE-42		7/31/2020	0903	-28.80	30.67	1.0	21	3.1	16.2	107	2694	1843	851	
SVE-42		8/6/2020	1227	-28.90	29.78	0.7	14	3.2	16.7	99.4	1719	1043	676	
SVE-42		8/12/2020	1542	-29.80	29.41	0.5	11	3.2	16.7	66.9	1378	773	605	
SVE-42		8/19/2020	1155	-30.40	28.16	0.4	8	2.9	17.2	45.2	1061	541	520	
SVE-42		8/20/2020	1156	-30.42	27.57	0.4	8	2.9	17.2	43.2	959	529	430	
SVE-42		8/25/2020	1335	-29.77	27.80	0.4	9	3.0	17.4	65.5	1300	590	710	
SVE-42		9/2/2020	1147	-31.72	27.74	0.7	14	2.9	17.3	99.7	1693	876	817	
SVE-42		9/9/2020	1056	-32.35	27.11	0.7	14	2.9	17.2	104	1547	843	704	
SVE-42	9/16/2020	1345	-32.10	28.35	1.1	22	3.0	17.0	115	2485	1489	996		

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 ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-43	407.12 - 417.12 (25 - 35)	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-43		7/23/2020	0833	-28.70	32.61	0.0	0	1.5	19.3	0.8	5.2	3.1	2.1	
SVE-43		7/24/2020	0910	-27.81	31.75	0.0	0	1.5	19.3	1.3	7.1	2.4	4.7	
SVE-43		7/29/2020	0855	-27.15	31.72	0.6	12	1.7	18.8	105	1386	671	715	
SVE-43		7/30/2020	0905	-28.13	31.55	0.8	15	1.7	18.6	147	1713	817	896	
SVE-43		7/31/2020	0908	-29.68	31.52	0.9	19	2.0	18.7	174	2092	1011	1081	
SVE-43		8/6/2020	1235	-28.63	31.37	1.4	28	2.0	18.4	281	3512	1898	1614	
SVE-43		8/12/2020	1523	-30.00	31.25	2.4	49	2.3	18.0	335	4935	2508	2427	
SVE-43		8/19/2020	1208	-30.32	31.03	2.8	55	2.1	18.3	305	5304	2513	2791	
SVE-43		8/20/2020	1326	-29.81	30.93	3.3	67	2.3	18.0	349	5826	2809	3017	
SVE-43		8/25/2020	1323	-29.78	30.95	2.6	52	2.3	18.3	379	5334	2103	3231	
SVE-43		9/2/2020	1158	-31.72	30.77	3.1	62	2.3	18.2	375	6224	2665	3559	
SVE-43		9/9/2020	1113	-32.08	30.75	3.9	79	2.3	18.3	455	6361	2776	3585	
SVE-43		9/16/2020	1412	-31.00	30.85	3.8	77	2.2	18.2	304	6622	3337	3285	
SVE-44		407.46 - 417.46 (25 - 35)	10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
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.
SVE-44	7/23/2020		0757	-29.00	33.16	0.1	2	1.9	18.8	6.0	309	232	77	
SVE-44	7/24/2020		0915	-27.35	33.11	0.2	5	1.9	18.8	33.9	786	506	280	
SVE-44	7/29/2020		0909	-26.57	33.16	0.5	11	2.2	18.2	67.4	1667	1178	489	
SVE-44	7/30/2020		0911	-27.74	32.94	0.6	13	2.2	18.4	76.1	2112	1542	570	
SVE-44	7/31/2020		0929	-28.19	32.84	0.6	12	2.3	18.5	72.7	1823	1278	545	
SVE-44	8/6/2020		1245	-28.22	32.75	0.8	17	2.3	18.3	138	2509	1620	889	
SVE-44	8/12/2020		1517	-29.40	32.73	0.7	15	2.4	18.2	84.9	2272	1545	727	
SVE-44	8/19/2020		1221	-29.85	32.40	0.8	17	2.3	18.3	88.9	2401	1593	808	
SVE-44	8/20/2020		1352	-29.65	32.33	0.8	16	2.2	18.4	89.8	2386	1545	841	
SVE-44	8/25/2020		1307	-29.46	32.30	0.8	16	2.2	18.7	115	2285	1479	806	
SVE-44	9/2/2020		1208	-31.22	32.12	0.6	12	2.3	18.5	72.6	2266	1405	861	
SVE-44	9/9/2020		1105	-31.72	32.21	0.6	12	2.2	18.7	81.4	2022	1232	790	
SVE-44	9/17/2020		1415	-30.70	32.49	0.5	11	2.2	18.3	46.7	1805	1302	503	

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 ₂ O)	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)	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-45		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		9/17/2020	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)	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-46		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		9/17/2020	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)	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	
SVE-47		7/13/2020	1410	-64.10	19.01	0.0	0	0.6	20.5	0.1	0.6	0.0	0.6	
SVE-47		7/22/2020	1350	-31.10	18.92	0.0	0	0.7	19.6	0.2	0.0	0.0	0.0	
SVE-47		7/24/2020	0930	-31.38	18.65	0.0	0	0.7	20.1	0.4	0.0	0.0	0.0	
SVE-47		7/29/2020	0936	-30.46	18.67	0.0	0	0.8	20.1	0.7	0.9	0.0	0.9	
SVE-47		7/30/2020	0900	-31.85	18.70	0.0	0	1.0	19.9	0.8	0.0	0.0	0.0	
SVE-47		7/31/2020	0917	-32.20	18.44	0.0	0	1.0	19.9	1.3	7.3	5.1	2.2	
SVE-47		8/6/2020	1217	-32.39	18.45	0.0	0	0.9	19.9	1.4	9.9	3.7	6.2	
SVE-47		8/12/2020	1509	-33.90	18.27	0.0	0	0.9	19.8	2.4	19.2	12.4	6.8	
SVE-47		8/19/2020	1222	-33.70	18.08	0.0	0	1.0	19.9	2.3	17.6	9.0	8.6	
SVE-47		8/21/2020	0835	-34.32	17.91	0.0	0	1.0	19.5	1.4	14.1	8.5	5.6	
SVE-47		8/25/2020	1346	-33.09	17.91	0.0	0	1.0	20.0	1.1	9.6	3.0	6.6	
SVE-47		9/2/2020	1224	-35.08	17.64	0.0	0	1.0	19.8	2.4	12.1	4.6	7.5	
SVE-47		9/9/2020	1139	-35.27	17.74	0.0	0	1.0	20.0	1.8	9.6	3.7	5.9	
SVE-47	9/16/2020	1300	-34.56	18.37	0.0	0	1.0	20.0	0.3	2.2	0.6	1.6		

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.

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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-1-5	7/21/2020	0808	-0.34	0.00	0.0	0	0.1	20.5	0.0	0.0	0.0	0.0	
VMP-1-5	8/20/2020	0939	0.00	0.00	0.0	0	0.5	19.3	0.0	0.0	0.0	0.0	
VMP-1-5	9/17/2020	1220	-0.27	0.00	0.0	0	1.0	17.8	0.0	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-1-8.5	7/21/2020	0809	-0.97	-0.45	0.0	0	0.5	20.2	0.0	0.0	0.0	0.0	
VMP-1-8.5	8/20/2020	0940	0.00	0.00	0.0	0	0.5	19.3	0.0	0.0	0.0	0.0	
VMP-1-8.5	9/17/2020	1221	0.00	0.00	0.0	0	0.8	18.8	0.0	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	
VMP-1-23.5	7/21/2020	0810	-0.09	0.00	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	
VMP-1-23.5	8/20/2020	0941	0.00	0.00	0.0	0	0.4	19.5	0.0	0.0	0.0	0.0	
VMP-1-23.5	9/17/2020	1222	0.00	0.00	0.0	0	0.5	19.2	0.2	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-1-38.5	7/21/2020	0811	-0.64	0.00	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-1-38 5-Dup	7/21/2020	0811	NM	NM	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-1-38.5	8/20/2020	0942	0.00	0.00	0.0	0	0.8	19.1	0.0	0.0	0.0	0.0	
VMP-1-38.5	9/17/2020	1223	0.00	0.00	0.0	0	0.9	18.9	0.0	0.0	0.0	0.0	
VMP-1-38 5-Dup	9/17/2020	1223	NM	NM	0.0	0	0.9	18.9	0.0	0.0	0.0	0.0	Duplicate sample.
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-2-5	7/21/2020	0825	0.00	0.00	0.0	0	6.1	13.7	0.0	0.0	0.0	0.0	
VMP-2-5	8/20/2020	1050	0.00	0.00	0.0	0	8.4	11.0	0.0	0.0	0.0	0.0	
VMP-2-5	9/17/2020	1308	0.00	0.00	0.0	0	9.1	11.7	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	
VMP-2-8 5	7/21/2020	0826	0.00	0.00	0.0	0	3.8	16.2	0.0	0.0	0.0	0.0	
VMP-2-8 5	8/20/2020	1051	0.00	0.00	0.0	0	4.5	14.8	0.0	0.0	0.0	0.0	
VMP-2-8 5	9/17/2020	1309	0.00	0.00	0.0	0	5.3	14.4	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-2-22	7/21/2020	0827	-0.14	0.00	0.0	0	3.6	16.7	0.0	3.9	0.0	3.9	Re-sampled to confirm initial sample.
VMP-2-22	7/21/2020	1210	0.00	NM	0.0	0	3.5	16.7	0.0	3.8	0.0	3.8	Re-sample.
VMP-2-22	8/20/2020	1052	0.00	0.00	0.0	0	4.2	16.0	0.0	2.1	2.1	0.0	
VMP-2-22	9/17/2020	1310	0.00	0.00	0.0	0	4.6	15.8	0.1	1.0	0.0	1.0	
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-2-42	7/21/2020	0828	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	8/20/2020	1053	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	9/17/2020	1311	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
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	
VMP-3-5	7/21/2020	0945	-0.15	-0.15	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-3-5	7/31/2020	0901	-0.21	NM	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-3-5	8/19/2020	0854	-0.13	-0.11	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-3-5	9/17/2020	1156	-0.19	-0.12	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-3-5	9/29/2020	1138	-0.94	NM	0.0	0	0.1	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-3-10	7/21/2020	0946	-0.87	-0.55	0.0	0	0.5	20.2	0.0	0.0	0.0	0.0	
VMP-3-10	7/31/2020	0903	-1.55	NM	0.0	0	0.7	20.3	0.3	0.0	0.0	0.0	
VMP-3-10	8/19/2020	0855	-0.87	-0.86	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-3-10	9/17/2020	1157	-1.05	-1.05	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-3-10	9/29/2020	1136	0.23	NM	0.0	0	0.6	20.0	0.2	0.8	0.8	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-3-22	7/21/2020	0947	-2.31	-2.33	0.0	0	1.4	19.5	0.0	0.0	0.0	0.0	
VMP-3-22	7/31/2020	0905	-2.10	NM	0.0	0	1.9	19.3	0.1	0.0	0.0	0.0	
VMP-3-22	8/19/2020	0856	-2.13	-2.20	0.0	0	1.6	19.4	0.0	0.0	0.0	0.0	
VMP-3-22	9/17/2020	1158	-1.75	-1.77	0.0	0	1.5	19.8	0.0	0.0	0.0	0.0	
VMP-3-22	9/29/2020	1140	0.04	NM	0.0	0	1.6	19.8	0.0	7.2	7.2	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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	210.0	
VMP-3-31.5	7/21/2020	0948	-8.37	-8.30	0.1	2	6.5	14.0	7.8	352	352	0.0	
VMP-3-31.5	7/31/2020	0907	-8.73	NM	1.4	29	4.3	15.9	113	2583	1494	1089	
VMP-3-31.5	8/19/2020	0857	-6.67	-7.04	3.3	66	33.0	16.4	187	8179	5755	2424	
VMP-3-31.5	9/17/2020	1159	-6.47	-6.42	26.3	OVR	4.1	14.7	485	29770	17840	11930	
VMP-3-31.5	9/29/2020	1142	0.06	NM	6.5	OVR	10.3	2.1	328	12430	8270	4160	
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-3-39	7/21/2020	0949	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	7/31/2020	0908	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	8/19/2020	0858	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	9/17/2020	1200	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	9/29/2020	1144	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
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-4-5	7/21/2020	0846	-0.95	-0.87	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-4-5	8/19/2020	1122	-0.78	-0.74	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-4-5	9/17/2020	1011	-0.61	-0.64	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-4-5	9/29/2020	1304	0.02	NM	0.0	0	0.4	20.2	0.3	0.4	0.4	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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	
VMP-4-12	7/21/2020	0847	-2.03	-1.93	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-4-12	8/19/2020	1123	-1.75	-1.70	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-4-12	9/17/2020	1012	-1.60	-1.69	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-4-12	9/29/2020	1306	0.05	NM	0.0	0	0.3	20.4	0.1	1.7	1.7	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-4-23.5	7/21/2020	0848	-3.06	-2.76	0.0	0	1.8	18.7	0.1	1.7	1.7	0.0	
VMP-4-23 5-Dup	7/21/2020	0848	NM	NM	0.0	0	1.8	18.8	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-4-23.5	8/19/2020	1124	-2.78	-2.49	0.0	0	1.6	18.9	0.0	0.0	0.0	0.0	
VMP-4-23.5	9/17/2020	1013	-2.64	-2.42	0.0	0	1.9	17.9	0.0	0.0	0.0	0.0	
VMP-4-23.5	9/29/2020	1308	0.37	NM	0.0	0	2.7	16.3	0.1	0.0	0.0	0.0	
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-4-39	7/21/2020	0849	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	8/19/2020	1125	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	9/17/2020	1014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	9/29/2020	1309	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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.
VMP-5-5	7/21/2020	0802	0 00	0 00	0.0	0	0.4	20.0	0.0	0.0	0.0	0.0	
VMP-5-5	8/19/2020	1228	0 00	0 00	0.0	0	1.1	20.1	0.0	0.0	0.0	0.0	
VMP-5-5	9/16/2020	1332	0 00	0 00	0.0	0	1.8	18.7	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-5-12.5	7/21/2020	0803	0 00	0 00	0.0	0	0.8	19.8	0.0	0.0	0.0	0.0	
VMP-5-12.5	8/19/2020	1229	0 00	0 00	0.0	0	2.5	18.2	0.0	0.0	0.0	0.0	
VMP-5-12.5	9/16/2020	1333	0 00	0 00	0.0	0	2.9	17.8	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-5-31	7/21/2020	0804	-0.31	-0.26	0.0	0	1.2	19.4	0.2	7.6	7.6	0.0	
VMP-5-31-Dup	7/21/2020	0804	NM	NM	0.0	0	1.3	19.4	0.2	7.7	7.7	0.0	Duplicate sample.
VMP-5-31	8/19/2020	1230	-0.15	-0.15	0.0	0	1.4	19.3	0.1	23.9	23.9	0.0	
VMP-5-31	9/16/2020	1334	0.00	0.00	0.0	0	1.7	17.9	0.0	9.9	9.9	0.0	
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.
VMP-5-40	7/21/2020	0805	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	9/16/2020	1335	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
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-6-5	7/20/2020	1400	0.00	0.00	0.0	0	1.2	18.5	0.0	0.0	0.0	0.0	
VMP-6-5	8/19/2020	1340	0.00	0.00	0.0	0	2.6	16.5	0.0	0.0	0.0	0.0	
VMP-6-5	9/17/2020	1504	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.

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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-6-10	7/20/2020	1402	0.00	0.00	0.0	0	1.2	19.0	0.0	0.0	0.0	0.0	
VMP-6-10	8/19/2020	1341	0.00	0.00	0.0	0	2.6	16.8	0.0	0.0	0.0	0.0	
VMP-6-10	9/17/2020	1505	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
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	
VMP-6-31.5	7/20/2020	1402	0.10	0.00	0.0	0	2.0	18.5	0.0	40.9	40.9	0.0	Re-sampled due to increased methane.
VMP-6-31.5	7/21/2020	1105	0.00	NM	0.0	0	2.0	18.3	0.0	44.1	44.1	0.0	Re-sample.
VMP-6-31.5	8/19/2020	1342	0.10	0.10	0.0	0	2.9	17.1	0.3	12.2	12.2	0.0	
VMP-6-31.5	9/17/2020	1506	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
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-6-39	7/20/2020	1403	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	8/19/2020	1343	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	9/17/2020	1507	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.

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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-7-5	7/20/2020	1350	-0.54	0.00	0.0	0	0.4	20.2	0.0	0.0	0.0	0.0	
VMP-7-5	8/20/2020	0813	-0.68	0.00	0.0	0	1.2	17.9	0.5	0.0	0.0	0.0	
VMP-7-5	9/16/2020	1310	-0.29	0.00	0.0	0	1.9	16.9	0.0	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	
VMP-7-13.5	7/20/2020	1351	-0.60	0.00	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	
VMP-7-13.5	8/20/2020	0816	-0.61	0.00	0.0	0	1.0	18.5	0.2	0.0	0.0	0.0	
VMP-7-13.5	9/16/2020	1311	0.27	0.12	0.0	0	1.4	17.7	0.3	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-7-29.5	7/20/2020	1352	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-29.5	8/20/2020	0817	-1.39	0.87	0.0	0	1.6	18.7	0.3	0.0	0.0	0.0	
VMP-7-29.5	8/20/2020	0817	NM	NM	0.0	0	1.6	18.6	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-7-29.5	9/16/2020	1312	0.10	0.15	0.0	0	1.6	18.0	0.2	0.0	0.0	0.0	
VMP-7-29 5-Dup	9/16/2020	1312	NM	NM	0.0	0	1.7	17.8	0.2	0.0	0.0	0.0	Duplicate sample.
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-7-38	7/20/2020	1353	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	8/20/2020	0818	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	9/16/2020	1313	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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	
VMP-9-5	7/20/2020	1125	0.00	0.00	0.0	0	2.3	17.1	0.2	0.0	0.0	0.0	
VMP-9-5	8/20/2020	0935	0.00	0.00	0.0	0	4.6	14.1	0.2	0.0	0.0	0.0	
VMP-9-5	9/16/2020	1125	0.00	0.00	0.0	0	4.2	16.1	0.0	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-9-11.5	7/20/2020	1126	0.00	0.00	0.0	0	1.5	18.5	0.1	0.0	0.0	0.0	
VMP-9-11.5	8/20/2020	0936	0.00	0.00	0.0	0	2.4	17.3	0.1	0.0	0.0	0.0	
VMP-9-11.5	9/16/2020	1126	0.00	0.00	0.0	0	2.8	17.0	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-9-25.5	7/20/2020	1127	0.00	0.00	0.0	0	1.5	19.1	0.0	0.0	0.0	0.0	
VMP-9-25.5	8/20/2020	0937	-0.79	0.09	0.0	0	1.7	18.9	0.0	0.0	0.0	0.0	
VMP-9-25.5	9/16/2020	1127	0.00	0.00	0.0	0	1.6	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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.
VMP-9-38.5	7/20/2020	1128	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	8/20/2020	0938	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	9/16/2020	1128	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
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-10-5	7/20/2020	0935	0.00	0.00	0.0	0	1.7	19.4	0.1	0.0	0.0	0.0	
VMP-10-5	8/20/2020	1210	0.00	0.00	0.0	0	2.3	18.8	0.0	0.0	0.0	0.0	
VMP-10-5	9/16/2020	0930	0.00	0.00	0.0	0	1.7	19.6	0.1	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-10-10	7/20/2020	0936	0.00	0.00	0.0	0	1.4	19.6	0.1	0.0	0.0	0.0	
VMP-10-10	8/20/2020	1211	0.00	0.00	0.0	0	1.5	18.9	0.0	0.0	0.0	0.0	
VMP-10-10	9/16/2020	0931	0.00	0.00	0.0	0	1.9	19.1	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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	
VMP-10-20	7/20/2020	0937	0.00	0.00	0.0	0	1.3	19.6	0.0	0.0	0.0	0.0	
VMP-10-20-Dup	7/20/2020	0937	NM	NM	0.0	0	1.3	19.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-10-20	8/20/2020	1212	0.11	0.00	0.0	0	1.9	18.7	0.0	0.0	0.0	0.0	
VMP-10-20	9/16/2020	0932	0.00	0.00	0.0	0	1.9	18.8	0.0	0.0	0.0	0.0	
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-10-30	7/20/2020	0938	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	8/20/2020	1213	0.00	-0.68	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	9/16/2020	0933	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
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-11-5	7/20/2020	1100	0.58	0.00	0.0	0	3.7	15.5	0.7	0.0	0.0	0.0	
VMP-11-5	8/20/2020	1025	-0.69	-0.16	0.0	0	5.8	15.2	1.3	0.8	0.6	0.2	
VMP-11-5	9/16/2020	1108	0.29	0.00	0.0	0	4.1	17.2	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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	
VMP-11-8	7/20/2020	1101	0 00	0 00	0.0	0	3 8	15.4	0.8	0.0	0.0	0.0	
VMP-11-8	8/20/2020	1026	0 00	0 00	0.0	0	5 8	15.7	0.7	0.0	0.0	0.0	
VMP-11-8	9/16/2020	1109	-0.27	0 00	0.0	0	3 8	17.7	0.0	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-11-29	7/20/2020	1102	0 61	0 00	0.0	0	2 3	17.8	0.8	0.0	0.0	0.0	
VMP-11-29	8/20/2020	1027	0 00	0 00	0.0	0	3 1	17.6	0.8	0.0	0.0	0.0	
VMP-11-29	9/16/2020	1110	-0.15	0 00	0.0	0	2 5	18.1	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-11-38	7/20/2020	1103	0.00	0.00	0.0	0	3.7	15.3	2.1	1.9	0.0	1.9	
VMP-11-38	8/20/2020	1028	0.00	-1.46	0.0	0	5.8	15.4	0.9	0.5	0.0	0.5	
VMP-11-38-Dup	8/20/2020	1028	NM	NM	0.0	0	5.5	15.6	0.9	0.7	0.0	0.7	Duplicate sample.
VMP-11-38	9/16/2020	1111	0.13	-1.48	0.0	0	3.6	17.8	1.4	1.1	0.5	0.6	
VMP-11-38-Dup	9/16/2020	1111	NM	NM	0.0	0	3.8	17.6	1.3	1.4	0.5	0.9	Duplicate sample.
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	
VMP-12-5	7/20/2020	0947	0.00	0.00	0.0	0	0.1	20.3	0.0	0.0	0.0	0.0	
VMP-12-5	8/19/2020	0902	-0.15	0.00	0.0	0	1.4	19.4	0.0	0.0	0.0	0.0	
VMP-12-5	9/16/2020	0850	0.00	0.00	0.0	0	1.8	13.1	0.0	0.0	0.0	0.0	
VMP-12-5-Dup	9/16/2020	0850	NM	NM	0.0	0	1.8	13.4	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-12-11.5	7/20/2020	0948	0.00	0.00	0.0	0	0.8	18.7	0.0	0.0	0.0	0.0	
VMP-12-11.5	8/19/2020	0903	-0.14	0.00	0.0	0	3.3	11.3	0.0	0.0	0.0	0.0	
VMP-12-11.5	9/16/2020	0851	0.00	0.00	0.0	0	7.6	3.5	0.0	11.0	11.0	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-12-25	7/20/2020	0949	0.00	0.00	0.0	0	8.1	5.5	0.0	0.0	0.0	0.0	
VMP-12-25	8/19/2020	0904	-0.16	0.00	10.0	OVR	11.2	2.2	281	27780	22810	4970	
VMP-12-25	9/16/2020	0852	0.00	0.00	13.3	OVR	11.4	1.2	248	47140	39080	8060	

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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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	FID 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.
VMP-12-39	7/20/2020	0950	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	8/19/2020	0905	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	9/16/2020	0853	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
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-13-5	7/20/2020	0833	0 00	0 00	0.0	0	0 9	19.3	0.0	0.0	0.0	0.0	
VMP-13-5	8/20/2020	1200	0 00	0 00	0.0	0	1 1	17.3	0.0	0.0	0.0	0.0	
VMP-13-5	9/16/2020	0835	0 00	0 00	0.0	0	1 6	17.4	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-13-10.5	7/20/2020	0834	0 00	0 00	0.0	0	0 6	20.0	0.0	0.0	0.0	0.0	
VMP-13-10.5	8/20/2020	1201	0 00	0 00	0.0	0	0 5	19.1	0.0	0.0	0.0	0.0	
VMP-13-10.5	9/16/2020	0836	0 00	0 00	0.0	0	0 6	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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.
VMP-13-21.5	7/20/2020	0835	0.00	0.00	0.0	0	0.2	20.4	0.0	0.0	0.0	0.0	
VMP-13-21.5-Dup	7/20/2020	0835	NM	NM	0.0	0	0.2	20.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-13-21.5	8/20/2020	1202	0.00	0.00	0.0	0	0.2	19.5	0.1	0.8	0.8	0.0	
VMP-13-21.5	9/16/2020	0837	0.00	0.00	0.0	0	0.4	19.2	0.0	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-13-29.5	7/20/2020	0836	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-13-29.5	8/20/2020	1203	0.00	0.00	0.0	0	0.7	18.4	0.0	0.0	0.0	0.0	
VMP-13-29.5	9/16/2020	0838	0.00	0.00	0.0	0	0.9	18.2	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-14-5	7/20/2020	0819	-0.14	0 00	0.0	0	2 2	16.7	0.8	0.0	0.0	0.0	
VMP-14-5	8/20/2020	1145	-0.20	0 00	0.0	0	2 3	17.2	0.1	0.0	0.0	0.0	
VMP-14-5	9/16/2020	0825	0 00	0 00	0.0	0	2 5	18.0	0.0	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	
VMP-14-11.5	7/20/2020	0820	-0.19	0 00	0.0	0	1.7	17.9	0.5	0.0	0.0	0.0	
VMP-14-11.5	8/20/2020	1146	0 00	0 00	0.0	0	1 6	18.7	0.3	0.0	0.0	0.0	
VMP-14-11.5	9/16/2020	0826	0 00	0 00	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-14-20	7/20/2020	0821	-0.98	0.00	0.0	0	8.0	9.7	1.3	2.0	0.0	2.0	
VMP-14-20	8/20/2020	1147	-0.91	0.10	0.0	0	11.8	2.0	1.6	13.0	11.0	2.0	
VMP-14-20	9/16/2020	0827	-0.44	0.00	0.1	3	13.6	0.7	1.1	1550	1470	80.0	Re-sampled due to elevated concentrations.
VMP-14-20	9/17/2020	0914	-0.20	NM	0.1	3	14.1	0.5	1.2	1760	1660	100.0	Re-sample.
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-14-29	7/20/2020	0822	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	8/20/2020	1148	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	9/16/2020	0828	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
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	
VMP-17-5	7/20/2020	1052	0.00	0.00	0.0	0	1.6	19.0	0.0	0.0	0.0	0.0	
VMP-17-5	8/20/2020	1020	0.00	0.00	0.0	0	2.6	17.9	0.0	0.0	0.0	0.0	
VMP-17-5	9/16/2020	1100	0.00	0.00	0.0	0	2.2	18.6	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-18-8.5	7/20/2020	1047	0 00	0 00	0.0	0	4.1	15.7	1.3	5.5	0.0	5.5	Re-sampled to confirm initial sample.
VMP-18-8.5	7/21/2020	0800	0 00	NM	0.0	0	4.4	15.9	1.5	4.6	0.0	4.6	Re-sample.
VMP-18-8.5	8/20/2020	1015	0 00	0 00	0.0	0	4.1	14.8	0.1	0.0	0.0	0.0	
VMP-18-8.5	9/16/2020	1045	0 00	0 00	0.0	0	4 8	14.4	0.0	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-19-5	7/20/2020	1115	0 00	0 00	0.0	0	1 2	19.3	0.1	0.0	0.0	0.0	
VMP-19-5	8/20/2020	1010	0 00	0 00	0.0	0	1 8	18.2	0.0	0.0	0.0	0.0	
VMP-19-5	9/16/2020	1050	0 00	0 00	0.0	0	2 2	18.0	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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	
VMP-29-10	7/20/2020	0925	-0.12	-0.14	0.0	0	1 0	19.9	0.2	0.0	0.0	0.0	
VMP-29-10	8/20/2020	1218	0 00	-0 68	0.0	0	1 1	19.0	0.0	0.0	0.0	0.0	
VMP-29-10	9/16/2020	0914	-0.57	0 09	0.0	0	1 4	18.7	0.0	0.0	0.0	0.0	
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-29-18	7/20/2020	0926	0 00	0 00	0.0	0	1 1	19.7	1.3	1.9	0.0	1.9	
VMP-29-18	8/20/2020	1219	0 00	-0.19	0.0	0	1 2	19.0	3.3	5.6	0.0	5.6	
VMP-29-18	9/16/2020	0920	0 00	0 00	0.0	0	1 5	18.5	0.9	0.0	0.0	0.0	
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-29-26	7/20/2020	0927	0 00	0 00	0.0	0	1 3	19.4	0.3	1.1	0.2	0.9	
VMP-29-26	8/20/2020	1220	0 00	0 00	0.0	0	1 5	18.5	0.2	0.0	0.0	0.0	
VMP-29-26	9/16/2020	0928	0 00	0 00	0.0	0	1 7	18.1	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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.
VMP-29-40	7/20/2020	0928	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	8/20/2020	1221	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	9/16/2020	0929	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
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-30-10	7/20/2020	0901	0 00	0 00	0.0	0	0.1	20.7	0.8	0.3	0.0	0.3	
VMP-30-10	8/20/2020	1215	0 00	0 00	0.0	0	0.2	19.2	0.3	0.0	0.0	0.0	
VMP-30-10	9/16/2020	0854	0 00	0 00	0.0	0	0.4	19.1	0.0	0.0	0.0	0.0	
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-30-18	7/20/2020	0902	0 00	0 00	0.0	0	0.1	20.7	0.6	1.2	0.0	1.2	
VMP-30-18	8/20/2020	1216	0 00	0 00	0.0	0	0.2	19.4	0.0	0.0	0.0	0.0	
VMP-30-18	9/16/2020	0900	0 00	0 00	0.0	0	0.3	18.9	0.3	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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	
VMP-30-26	7/20/2020	0903	0.00	0.00	0.0	0	0.2	20.4	1.1	6.3	5.3	1.0	
VMP-30-26	8/20/2020	1217	0.00	0.00	0.0	0	0.3	19.4	0.2	1.6	1.6	0.0	
VMP-30-26-Dup	8/20/2020	1217	NM	NM	0.0	0	0.3	19.3	0.2	1.6	1.6	0.0	Duplicate sample.
VMP-30-26	9/16/2020	0908	0.00	0.00	0.0	0	0.4	18.8	0.3	0.5	0.5	0.0	
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-30-40	7/20/2020	0904	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	8/20/2020	1218	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	9/16/2020	0909	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
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-32-5	7/21/2020	0930	-0.90	-0.19	0.0	0	2.5	18.1	0.0	0.0	0.0	0.0	
VMP-32-5	7/31/2020	0826	-0.31	NM	0.0	0	2.1	19.6	0.3	0.0	0.0	0.0	
VMP-32-5	8/19/2020	1001	-0.11	-0.16	0.0	0	1.7	19.4	0.0	0.0	0.0	0.0	
VMP-32-5	9/17/2020	0824	-0.15	-0.18	0.0	0	1.7	19.6	0.0	0.0	0.0	0.0	
VMP-32-5	9/29/2020	1210	0.03	NM	0.0	0	2.4	19.8	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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	
VMP-32-10	7/21/2020	0931	-0.27	-0.29	0.0	0	2.4	18.2	0.0	0.0	0.0	0.0	
VMP-32-10	7/31/2020	0827	-0.42	NM	0.0	0	2.6	18.7	0.2	0.0	0.0	0.0	
VMP-32-10	8/19/2020	1002	-0.17	-0.20	0.0	0	0.1	19.0	0.0	0.0	0.0	0.0	
VMP-32-10	9/17/2020	0825	-0.20	-0.19	0.0	0	2.1	19.3	0.0	0.0	0.0	0.0	
VMP-32-10	9/29/2020	1212	0.03	NM	0.0	0	2.5	19.2	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-32-20	7/21/2020	0932	-0.21	-0.19	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-32-20	7/31/2020	0828	-0.35	NM	0.0	0	0.7	20.6	0.2	0.0	0.0	0.0	
VMP-32-20	8/19/2020	1003	-0.12	-0.17	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-32-20	9/17/2020	0826	-0.17	-0.14	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-32-20	9/29/2020	1214	0.01	NM	0.0	0	0.9	19.7	0.0	0.0	0.0	0.0	
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-32-30	7/21/2020	0934	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-32-30	7/31/2020	0831	-0.35	NM	0.0	0	2.3	19.0	0.1	0.0	0.0	0.0	
VMP-32-30	8/19/2020	1004	-0.10	-0.13	0.0	0	1.6	19.4	0.0	0.0	0.0	0.0	
VMP-32-30	9/17/2020	0827	-0.13	-0.11	0.0	0	1.7	19.9	0.0	0.0	0.0	0.0	
VMP-32-30-Dup	9/17/2020	0827	NM	NM	0.0	0	1.7	19.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-32-30	9/29/2020	1216	-0.18	NM	0.0	0	1.9	19.7	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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	
VMP-33-10	7/20/2020	0843	0.00	0.00	0.0	0	0.7	19.8	0.0	0.0	0.0	0.0	
VMP-33-10	8/19/2020	1106	0.00	0.00	0.0	0	1.5	17.2	0.0	0.0	0.0	0.0	
VMP-33-10-Dup	8/19/2020	1106	NM	NM	0.0	0	1.4	17.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-33-10	9/16/2020	1030	0.00	0.00	0.0	0	1.8	15.9	0.0	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-33-20	7/20/2020	0844	0.00	0.00	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	
VMP-33-20	8/19/2020	1107	0.00	0.00	0.0	0	1.3	18.6	0.0	0.0	0.0	0.0	
VMP-33-20	9/16/2020	1031	0.00	0.00	0.0	0	1.8	16.7	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-33-30	7/20/2020	0845	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-33-30	8/19/2020	1108	0.00	0.00	0.0	0	0.6	20.0	0.0	0.0	0.0	0.0	
VMP-33-30	9/16/2020	1032	0.00	0.00	0.0	0	1.5	17.9	0.0	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	
VMP-34-10	7/20/2020	0853	-1.38	-1.91	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-34-10	8/19/2020	1055	-0.23	-0.18	0.0	0	0.8	19.9	0.0	0.0	0.0	0.0	
VMP-34-10	9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
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-34-20	7/20/2020	0854	-0.45	-0.79	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-34-20	8/19/2020	1056	0.00	0.00	0.0	0	1.6	19.2	0.0	0.0	0.0	0.0	
VMP-34-20	9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.

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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-34-30	7/20/2020	0855	-2.41	-2.45	0.0	0	2.9	18.1	0.5	7.9	7.9	0.0	
VMP-34-30-Dup	7/20/2020	0855	NM	NM	0.0	0	3.0	18.0	0.5	8.3	8.3	0.0	Duplicate sample.
VMP-34-30	8/19/2020	1057	-0.43	-0.28	0.0	0	3.2	17.6	0.2	4.9	4.9	0.0	
VMP-34-30	9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
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	
VMP-35-10	7/20/2020	0910	-1.86	-1.76	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	8/19/2020	1037	-0.12	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	9/17/2020	0910	-0.91	-0.91	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-35-20	7/20/2020	0911	-0.97	-0.74	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	8/19/2020	1038	-0.58	-0.44	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	9/17/2020	0911	-0.39	-0.37	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20-Dup	9/17/2020	0911	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
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-35-30	7/20/2020	0912	-0.54	-0.51	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	8/19/2020	1039	-0.36	-0.28	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	9/17/2020	0912	-0.28	-0.28	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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	
VMP-36-10	7/20/2020	0931	-0.11	-0.08	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	8/19/2020	1000	-0.11	-0.09	0.0	0	0.0	20.9	0.0	1.1	1.1	0.0	
VMP-36-10	9/16/2020	0948	0.00	0.00	0.0	0	0.0	20.9	2.3	13.6	0.0	13.6	Re-sampled due to elevated concentrations.
VMP-36-10	9/17/2020	0853	0.00	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Re-sample.
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-36-20	7/20/2020	0932	-0.39	-0.26	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	8/19/2020	1001	-0.19	-0.18	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	9/16/2020	0949	0.00	0.00	0.0	0	0.1	20.7	8.4	54.9	0.0	54.9	Re-sampled due to elevated concentrations.
VMP-36-20	9/17/2020	0855	0.00	NM	0.0	0	0.1	20.7	0.2	0.0	0.0	0.0	Re-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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-36-30	7/20/2020	0933	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-30	8/19/2020	1002	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-30	9/16/2020	0930	0.00	0.00	0.0	0	0.0	20.9	0.2	0.9	0.0	0.9	Re-sampled to confirm initial sample.
VMP-36-30	9/17/2020	0855	0.00	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Re-sampled.
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.
VMP-37-10	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-37-10	8/19/2020	0938	-0.11	-0.14	0.0	0	2.5	17.5	0.0	0.0	0.0	0.0	
VMP-37-10	9/16/2020	0934	0.00	0.00	0.0	0	12.8	3.8	0.8	0.0	0.0	0.0	
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-37-20	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-37-20	8/19/2020	0939	-0.23	-0.26	0.0	0	3.8	16.3	0.2	9.9	9.9	0.0	
VMP-37-20	9/16/2020	0935	0.00	-0.12	0.0	0	12.0	3.4	1.7	17.0	12.0	5.0	

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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-37-30	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-37-30	8/19/2020	0940	-0.56	0.00	0.0	0	2.9	15.6	0.0	2.1	2.1	0.0	
VMP-37-30	9/16/2020	0936	-0.26	-0.37	0.0	0	3.8	13.2	1.4	3.5	1.0	2.5	
VMP-37-30-Dup	9/16/2020	0936	NM	NM	0.0	0	3.8	13.2	1.3	3.6	1.1	2.5	Duplicate sample.
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	
VMP-38-10	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-38-10	8/19/2020	0927	0.00	0.00	0.0	0	6.6	7.8	0.0	0.0	0.0	0.0	
VMP-38-10	9/16/2020	0925	0.00	0.00	0.0	0	8.1	6.9	0.1	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-38-20	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-38-20	8/19/2020	0928	-0.13	-0.11	0.0	0	1.5	17.2	0.0	0.0	0.0	0.0	
VMP-38-20	9/16/2020	0926	0.00	0.00	0.0	0	1.9	14.6	0.0	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-38-27	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-38-27	8/19/2020	0929	-0.13	-0.12	0.0	0	1.0	17.9	0.0	0.0	0.0	0.0	
VMP-38-27	9/16/2020	0927	0.00	0.00	0.0	0	1.5	15.0	0.0	0.4	0.4	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	
VMP-39-10	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-39-10	7/29/2020	1412	0.00	NM	0.0	0	4.1	13.0	0.7	3.2	3.2	0.0	
VMP-39-10	8/19/2020	0914	0.00	0.00	0.0	0	2.8	16.8	0.0	14.0	14.0	0.0	Re-sampled due to elevated concentrations.
VMP-39-10	8/20/2020	1022	0.00	NM	0.0	0	5.5	10.7	0.0	14.0	14.0	0.0	Re-sample.
VMP-39-10	9/16/2020	0910	0.00	0.00	0.0	0	8.5	6.4	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-39-20	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-39-20	7/29/2020	1413	0.00	NM	0.0	0	4.7	11.5	0.0	23.0	23.0	0.0	
VMP-39-20	8/19/2020	0915	0.00	0.00	0.0	0	0.4	20.4	0.0	3.8	3.8	0.0	Re-sampled due to elevated concentrations.
VMP-39-20	8/20/2020	1026	0.00	NM	0.0	0	3.3	14.8	0.0	30.4	30.4	0.0	Re-sample.
VMP-39-20	9/16/2020	0911	0.00	0.00	0.0	0	6.8	9.9	0.0	21.0	19.0	2.0	
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-39-30	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-39-30	7/29/2020	1414	0.00	NM	0.0	0	4.7	11.6	0.0	26.0	26.0	0.0	
VMP-39-30	8/19/2020	0916	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	Re-sampled due to elevated concentrations.
VMP-39-30-Dup	8/19/2020	0916	NM	NM	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-39-30	8/20/2020	1029	0.00	NM	0.0	0	2.3	16.9	0.0	20.5	20.5	0.0	Re-sample.
VMP-39-30	9/16/2020	0912	0.00	0.00	0.0	0	6.0	11.5	0.0	17.0	17.0	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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	
VMP-40-10	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-40-10	8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port damaged during refinery construction activities.
VMP-40-10	9/16/2020	0700	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to pending re-installation.
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-40-20	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-40-20	8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port damaged during refinery construction activities.
VMP-40-20	9/16/2020	0701	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to pending re-installation.

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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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.
VMP-40-30	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-40-30	8/19/2020	1231	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port damaged during refinery construction activities.
VMP-40-30	9/16/2020	0702	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to pending re-installation.
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-41-10	7/20/2020	0945	0.00	0.00	0.0	0	1.0	19.6	0.0	0.0	0.0	0.0	
VMP-41-10	8/20/2020	1202	0.00	0.00	0.0	0	1.3	18.7	0.0	0.0	0.0	0.0	
VMP-41-10	9/16/2020	0943	0.00	0.00	0.0	0	2.0	18.1	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-41-20	7/20/2020	0946	0.00	0.00	0.0	0	1.1	19.5	0.1	0.0	0.0	0.0	
VMP-41-20	8/20/2020	1203	0.00	0.00	0.0	0	1.3	18.6	0.0	0.0	0.0	0.0	
VMP-41-20	9/16/2020	0943	0.00	0.00	0.0	0	1.9	18.0	0.0	0.0	0.0	0.0	
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.
VMP-41-26	7/20/2020	0947	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-41-26	8/20/2020	1204	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-41-26	9/16/2020	0944	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
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-42-10	7/21/2020	0905	0.00	0.00	0.0	0	1.9	19.6	0.0	0.0	0.0	0.0	
VMP-42-10	8/19/2020	0838	0.00	0.00	0.0	0	2.3	18.4	0.0	0.0	0.0	0.0	
VMP-42-10	9/17/2020	1252	0.00	0.00	0.0	0	2.6	18.7	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-42-20	7/21/2020	0906	-0.16	-0.14	0.0	0	3 0	18.0	0.0	0.0	0.0	0.0	
VMP-42-20-Dup	7/21/2020	0906	NM	NM	0.0	0	2 9	18.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-42-20	8/19/2020	0839	-0.21	-0.12	0.0	0	3.1	17.7	0.0	0.0	0.0	0.0	
VMP-42-20	9/17/2020	1253	-0.13	0 00	0.0	0	3 5	17.4	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	
VMP-42-30	7/21/2020	0907	-0.27	-0 27	0.0	0	2 3	18.3	0.0	0.0	0.0	0.0	
VMP-42-30	8/19/2020	0840	-0.36	-0 24	0.0	0	2 8	17.9	0.0	0.0	0.0	0.0	
VMP-42-30	9/17/2020	1254	-0.15	-0.10	0.0	0	3.1	17.4	0.2	0.9	0.9	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-43-10	7/21/2020	0958	-4.44	-4.38	0.0	0	0.1	20.5	0.0	0.0	0.0	0.0	
VMP-43-10	7/31/2020	0854	-4.67	NM	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-43-10	8/19/2020	1028	-4.10	-4.01	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-43-10	9/17/2020	0845	-3.52	-3.45	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-43-10	9/29/2020	1240	0.04	NM	0.0	0	0.2	20.7	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-43-20	7/21/2020	0959	-6.48	-6.43	0.0	0	0.4	20.0	0.0	0.0	0.0	0.0	
VMP-43-20	7/31/2020	0856	-7.05	NM	0.0	0	0.8	19.9	0.2	9.9	9.0	0.9	
VMP-43-20	8/19/2020	1029	-6.89	-6.52	0.0	0	0.9	19.9	0.1	17.4	17.4	0.0	
VMP-43-20	9/17/2020	0846	-5.91	-6.01	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-43-20	9/29/2020	1242	-0.66	NM	0.0	0	1.9	19.6	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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	
VMP-43-30	7/21/2020	1000	-8.35	-8.28	0.0	0	1.1	19.2	0.0	0.0	0.0	0.0	
VMP-43-30	7/31/2020	0858	-9.00	NM	11.6	OVR	7.2	7.6	532	20840	15110	5730	
VMP-43-30	8/19/2020	1030	-8.71	-8.66	1.7	34	10.2	5.3	293	2350	531	1819	
VMP-43-30	9/17/2020	0847	-8.57	-8.60	0.0	0	9.0	9.4	0.3	0.0	0.0	0.0	
VMP-43-30	9/29/2020	1244	-0.21	NM	0.0	0	12.4	1.4	0.2	31	31	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-44-10	7/21/2020	0834	0.00	0.00	0.0	0	3.5	14.6	0.1	2.0	2.0	0.0	
VMP-44-10	8/19/2020	1215	-0.30	0.00	0.0	0	3.6	16.0	0.0	0.0	0.0	0.0	
VMP-44-10	9/16/2020	1410	0.00	0.00	0.0	0	6.1	9.8	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-44-20	7/21/2020	0835	-4.80	0.00	0.0	0	3.6	14.5	0.1	1.7	1.7	0.0	
VMP-44-20	8/19/2020	1216	-2.35	0.00	0.0	0	2.8	17.2	0.0	0.0	0.0	0.0	
VMP-44-20	9/16/2020	1411	0.00	0.00	0.0	0	5.5	10.7	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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	
VMP-44-30	7/21/2020	0836	0.00	0.00	0.0	0	0.1	20.5	0.0	0.0	0.0	0.0	
VMP-44-30	8/19/2020	1217	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-44-30	9/16/2020	1412	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
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-45-10	7/20/2020	1426	0.00	0.00	0.0	0	0.5	20.2	0.0	0.0	0.0	0.0	
VMP-45-10	8/19/2020	1328	0.00	0.00	0.0	0	1.2	19.0	0.0	0.0	0.0	0.0	
VMP-45-10	9/16/2020	1321	0.00	0.00	0.0	0	1.7	17.9	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-45-20	7/20/2020	1427	-0.12	0.00	0.0	0	0.7	19.9	0.0	0.0	0.0	0.0	
VMP-45-20	8/19/2020	1329	0.00	0.00	0.0	0	1.4	18.8	0.0	0.0	0.0	0.0	
VMP-45-20	9/16/2020	1322	0.00	0.00	0.0	0	1.8	18.0	0.0	0.0	0.0	0.0	

TABLE 9
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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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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	
VMP-45-30	7/20/2020	1428	0.00	0.00	0.0	0	0.4	20.2	0.0	0.0	0.0	0.0	
VMP-45-30	8/19/2020	1330	0.00	0.10	0.0	0	0.8	19.8	0.0	0.0	0.0	0.0	
VMP-45-30	9/16/2020	1323	0.00	0.00	0.0	0	1.3	18.6	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-46-10	7/21/2020	1200	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-10	8/19/2020	1046	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	9/16/2020	1015	0.00	0.00	0.0	0	0.2	20.7	3.7	29.5	0.0	29.5	Re-sampled due to elevated concentrations.
VMP-46-10	9/17/2020	0925	0.00	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Re-sample.

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			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-46-20	7/21/2020	1201	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-20	8/19/2020	1047	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-46-20	9/16/2020	1016	0.00	0.00	0.0	0	0.7	20.0	3.3	20.5	0.0	20.5	Re-sampled due to elevated concentrations.
VMP-46-20	9/17/2020	0926	0.00	NM	0.0	0	0.3	20.5	0.2	0.0	0.0	0.0	Re-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	
VMP-46-30	7/21/2020	1202	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-30	8/19/2020	1048	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-46-30	9/16/2020	1017	0.00	0.00	0.0	0	0.4	20.5	3.6	17.9	0.0	17.9	Re-sampled due to elevated concentrations.
VMP-46-30	9/17/2020	0927	0.00	NM	0.0	0	0.2	20.6	0.1	0.0	0.0	0.0	Re-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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-47-5	7/20/2020	1342	0.00	0.00	0.0	0	2.1	18.0	0.2	0.0	0.0	0.0	
VMP-47-5	8/20/2020	0907	0.00	0.00	0.0	0	4.1	16.1	0.0	0.0	0.0	0.0	
VMP-47-5	9/17/2020	1035	0.00	0.00	0.0	0	3.6	17.2	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-47-10	7/20/2020	1343	0.00	0.00	0.0	0	1.4	18.7	0.0	0.0	0.0	0.0	
VMP-47-10	8/20/2020	0908	0.00	0.00	0.0	0	3.0	16.7	0.0	0.0	0.0	0.0	
VMP-47-10	9/17/2020	1036	0.00	0.00	0.0	0	3.3	17.0	0.0	0.0	0.0	0.0	
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	
VMP-47-20	7/20/2020	1344	0.00	0.00	0.0	0	1.4	19.1	0.1	0.0	0.0	0.0	
VMP-47-20	8/20/2020	0909	0.00	0.00	0.0	0	1.8	18.3	0.0	0.0	0.0	0.0	
VMP-47-20	9/17/2020	1037	0.00	0.00	0.0	0	2.5	17.4	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-47-30	7/20/2020	1345	0.00	0.00	0.0	0	1.6	18.8	0.2	0.0	0.0	0.0	
VMP-47-30	8/20/2020	0910	0.00	0.00	0.0	0	1.7	18.4	0.0	0.0	0.0	0.0	
VMP-47-30-Dup	8/20/2020	0910	NM	NM	0.0	0	1.7	18.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-47-30	9/17/2020	1038	-0.11	-0.14	0.0	0	2.0	16.9	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-48-5	7/21/2020	0839	0.00	0.00	0.0	0	6.7	11.9	0.0	0.0	0.0	0.0	
VMP-48-5	8/20/2020	1102	0.00	0.00	0.0	0	7.1	12.0	0.0	0.0	0.0	0.0	
VMP-48-5	9/17/2020	1255	0.00	0.00	0.0	0	6.2	15.6	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	
VMP-48-10	7/21/2020	0840	0.00	0.00	0.0	0	4.3	16.2	0.0	0.0	0.0	0.0	
VMP-48-10	8/20/2020	1103	0.00	0.00	0.0	0	4.4	15.2	0.0	0.0	0.0	0.0	
VMP-48-10	9/17/2020	1256	0.00	0.00	0.0	0	4.6	15.2	0.2	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-48-20	7/21/2020	0841	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	8/20/2020	1104	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	9/17/2020	1257	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
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-48-30	7/21/2020	0842	0.00	0.00	0.0	0	4.2	17.5	0.0	0.0	0.0	0.0	
VMP-48-30	8/20/2020	1105	0.00	0.00	0.0	0	5.6	16.0	0.0	0.0	0.0	0.0	
VMP-48-30	9/17/2020	1258	0.00	0.00	0.0	0	5.8	15.8	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	
VMP-49-5	7/21/2020	0930	-2.48	-2.45	0.0	0	1.2	20.0	0.0	0.0	0.0	0.0	
VMP-49-5	7/31/2020	0912	-2.80	NM	0.0	0	0.7	20.3	0.1	0.0	0.0	0.0	
VMP-49-5	8/19/2020	0910	-2.55	-2.51	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-49-5	9/17/2020	1137	-2.13	-2.15	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-49-5	9/29/2020	1150	0.03	NM	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-49-10	7/21/2020	0931	-1.63	-1.61	0.0	0	2.5	18.9	0.0	0.0	0.0	0.0	
VMP-49-10	7/31/2020	0914	-1.90	NM	0.0	0	2.0	19.3	0.1	0.0	0.0	0.0	
VMP-49-10	8/19/2020	0911	-1.61	-1.61	0.0	0	1.8	19.5	0.0	0.0	0.0	0.0	
VMP-49-10	9/17/2020	1138	-1.25	-1.26	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-49-10	9/29/2020	1152	0.02	NM	0.0	0	0.5	20.6	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-49-20	7/21/2020	0932	-0.12	-0.10	0.0	0	2.5	18.8	0.0	0.0	0.0	0.0	
VMP-49-20	7/31/2020	0916	-0.21	NM	0.0	0	2.0	19.3	0.2	0.0	0.0	0.0	
VMP-49-20	8/19/2020	0912	0.00	-0.12	0.0	0	1.5	19.8	0.0	0.0	0.0	0.0	
VMP-49-20	8/19/2020	0912	NM	NM	0.0	0	1.5	19.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-49-20	9/17/2020	1139	0.00	-0.13	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-49-20	9/29/2020	1154	0.00	NM	0.0	0	1.6	18.6	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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	
VMP-49-30	7/21/2020	0933	-11.25	-11.23	0.0	0	5.3	12.7	0.0	0.0	0.0	0.0	
VMP-49-30	7/31/2020	0918	-11.17	NM	0.0	0	8.4	12.9	0.2	0.0	0.0	0.0	
VMP-49-30	8/19/2020	0913	-12.04	-11.85	0.0	0	6.9	13.5	0.0	0.0	0.0	0.0	
VMP-49-30	9/17/2020	1140	-11.65	-11.58	0.0	0	6.6	13.5	0.0	0.0	0.0	0.0	
VMP-49-30	9/29/2020	1156	0.07	NM	0.0	0	4.6	15.3	0.3	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-50-5	7/21/2020	0903	0.00	0.00	0.0	0	3.0	16.7	0.0	0.0	0.0	0.0	
VMP-50-5	8/19/2020	1136	0.00	0.00	0.0	0	1.4	19.5	0.0	0.0	0.0	0.0	
VMP-50-5	9/17/2020	1025	0.00	0.00	0.0	0	1.4	19.6	0.0	0.0	0.0	0.0	
VMP-50-5	9/29/2020	1315	0.00	NM	0.0	0	2.0	18.2	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-50-10	7/21/2020	0904	-0.17	-0.18	0.0	0	2.5	17.2	0.0	0.0	0.0	0.0	
VMP-50-10	8/19/2020	1137	-0.21	-0.20	0.0	0	2.1	18.9	0.0	0.0	0.0	0.0	
VMP-50-10	9/17/2020	1026	-0.15	-0.21	0.0	0	2.0	19.0	0.0	0.0	0.0	0.0	
VMP-50-10	9/29/2020	1317	0.01	NM	0.0	0	2.4	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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	
VMP-50-20	7/21/2020	0905	-1.16	-1.15	0.0	0	2.2	17.6	0.0	0.0	0.0	0.0	
VMP-50-20	8/19/2020	1138	-1.01	-0.98	0.0	0	2.1	18.8	0.0	0.0	0.0	0.0	
VMP-50-20	9/17/2020	1027	-0.92	-0.93	0.0	0	2.1	19.0	0.0	0.0	0.0	0.0	
VMP-50-20	9/29/2020	1319	-0.23	NM	0.0	0	3.3	17.9	0.0	0.0	0.0	0.0	
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	11.3	66.7	5.7	61.0	Duplicate sample.
VMP-50-30	7/21/2020	0906	-3.01	-2.97	0.0	0	1.6	18.9	0.7	9.7	4.8	4.9	
VMP-50-30	8/19/2020	1139	-2.90	-2.76	0.0	0	2.2	18.2	0.3	57.4	57.4	0.0	
VMP-50-30	9/17/2020	1028	-2.84	-2.66	0.0	0	2.6	18.1	0.8	198	198	0.0	
VMP-50-30-Dup	9/17/2020	1028	NM	NM	0.0	0	2.5	18.2	0.8	183	183	0.0	Duplicate sample.
VMP-50-30	9/29/2020	1321	0.30	NM	0.0	0	3.1	17.5	4.1	244	208	36	

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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-51-5	7/21/2020	0818	0.00	0.00	0.0	0	1.6	18.6	0.0	0.0	0.0	0.0	
VMP-51-5	8/19/2020	1242	0.00	0.00	0.0	0	2.4	19.0	0.0	0.0	0.0	0.0	
VMP-51-5	9/16/2020	1340	0.00	0.00	0.0	0	4.0	17.4	0.2	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	
VMP-51-10	7/21/2020	0819	0.00	0.00	0.0	0	2.4	18.2	0.0	0.0	0.0	0.0	
VMP-51-10	8/19/2020	1243	0.00	0.00	0.0	0	3.3	16.7	0.0	0.0	0.0	0.0	
VMP-51-10	9/16/2020	1341	0.00	0.00	0.0	0	3.8	17.4	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-51-20	7/21/2020	0820	-0.13	0.00	0.0	0	2.1	18.7	0.0	0.0	0.0	0.0	
VMP-51-20	8/19/2020	1244	0.00	0.00	0.0	0	2.3	18.4	0.0	0.0	0.0	0.0	
VMP-51-20	9/16/2020	1342	0.00	0.00	0.0	0	2.6	17.8	0.1	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-51-30	7/21/2020	0821	-0.13	0.00	0.0	0	2.0	18.8	0.0	0.0	0.0	0.0	
VMP-51-30	8/19/2020	1245	0.00	0.00	0.0	0	2.2	18.7	0.0	0.0	0.0	0.0	
VMP-51-30	9/16/2020	1343	0.00	0.00	0.0	0	2.4	17.9	0.0	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	
VMP-52-5	7/20/2020	1414	0.00	0.00	0.0	0	3.4	16.1	0.0	0.0	0.0	0.0	
VMP-52-5	8/19/2020	1354	0.00	0.00	0.0	0	4.1	16.8	0.0	0.0	0.0	0.0	
VMP-52-5	9/17/2020	1500	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
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-52-10	7/20/2020	1415	0.00	0.00	0.0	0	3.0	15.9	0.0	0.0	0.0	0.0	
VMP-52-10	8/19/2020	1355	0.00	0.00	0.0	0	4.2	14.2	0.0	0.0	0.0	0.0	
VMP-52-10	9/17/2020	1501	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.

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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-52-20	7/20/2020	1416	0.10	0.00	0.0	0	2.0	19.1	0.0	0.0	0.0	0.0	
VMP-52-20	8/19/2020	1356	0.00	0.00	0.0	0	2.3	18.9	0.0	0.0	0.0	0.0	
VMP-52-20	9/17/2020	1502	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
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	
VMP-52-30	7/20/2020	1417	0.10	0.00	0.0	0	2.0	19.0	0.0	0.0	0.0	0.0	
VMP-52-30	8/19/2020	1357	0.10	0.10	0.0	0	2.2	18.9	0.0	0.0	0.0	0.0	
VMP-52-30	9/17/2020	1503	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
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-53-5	7/20/2020	1202	0.00	0.00	0.0	0	2.5	17.8	0.0	0.0	0.0	0.0	
VMP-53-5	8/20/2020	0913	0.00	0.00	0.0	0	3.7	16.4	0.0	0.0	0.0	0.0	
VMP-53-5	9/16/2020	1140	0.00	0.00	0.0	0	3.7	16.8	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-53-10	7/20/2020	1203	0.00	0.00	0.0	0	2.0	18.2	0.2	0.0	0.0	0.0	
VMP-53-10	8/20/2020	0914	0.00	0.00	0.0	0	2.2	18.0	0.0	0.0	0.0	0.0	
VMP-53-10	9/16/2020	1141	0.00	0.00	0.0	0	3.2	17.0	0.0	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	
VMP-53-20	7/20/2020	1204	0.00	0.00	0.0	0	1.8	18.5	0.3	0.0	0.0	0.0	
VMP-53-20	8/20/2020	0915	0.10	0.00	0.0	0	3.7	16.4	0.2	0.0	0.0	0.0	
VMP-53-20	9/16/2020	1142	0.00	0.00	0.0	0	2.2	17.9	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-53-30	7/20/2020	1205	0.00	0.00	0.0	0	2.1	18.2	0.2	0.0	0.0	0.0	
VMP-53-30-Dup	7/20/2020	1205	NM	NM	0.0	0	2.1	18.2	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-53-30	8/20/2020	0916	0.10	0.00	0.0	0	2.1	18.2	0.3	0.0	0.0	0.0	
VMP-53-30	9/16/2020	1143	0.00	0.00	0.0	0	1.9	18.5	0.0	0.0	0.0	0.0	
VMP-53-30-Dup	9/16/2020	1143	NM	NM	0.0	0	2.2	18.0	0.0	0.0	0.0	0.0	Duplicate sample.
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-54-5	7/20/2020	1333	0.00	0.00	0.0	0	3.9	16.6	0.0	0.0	0.0	0.0	
VMP-54-5	8/20/2020	0833	0.00	0.00	0.0	0	4.7	14.4	0.1	0.0	0.0	0.0	
VMP-54-5	9/16/2020	1208	0.00	0.00	0.0	0	4.7	15.4	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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	
VMP-54-10	7/20/2020	1334	0.00	0.00	0.0	0	2.9	17.3	0.0	0.0	0.0	0.0	
VMP-54-10	8/20/2020	0834	0.00	0.00	0.0	0	3.4	15.8	0.0	0.0	0.0	0.0	
VMP-54-10	9/16/2020	1209	0.00	0.00	0.0	0	3.8	15.5	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-54-20	7/20/2020	1335	0.10	0.00	0.0	0	2.6	16.9	0.0	0.0	0.0	0.0	
VMP-54-20	8/20/2020	0835	0.00	0.00	0.0	0	2.8	16.0	0.0	0.0	0.0	0.0	
VMP-54-20	9/16/2020	1210	0.00	0.00	0.0	0	3.1	15.4	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-54-30	7/20/2020	1336	0.00	0.00	0.0	0	4.1	16.3	0.0	0.0	0.0	0.0	
VMP-54-30	8/20/2020	0836	0.00	0.00	0.0	0	4.2	15.3	0.0	0.0	0.0	0.0	
VMP-54-30	9/16/2020	1211	0.00	0.00	0.0	0	4.9	15.3	0.0	0.0	0.0	0.0	
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.
VMP-55-5	7/20/2020	1038	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	8/20/2020	1148	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	9/16/2020	0948	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-55-10	7/20/2020	1039	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	8/20/2020	1149	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	9/16/2020	0949	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-55-20	7/20/2020	1040	-0.10	0.00	0.0	0	22.5	1.1	1.4	90.0	70.0	20.0	
VMP-55-20	8/20/2020	1150	0.26	0.00	0.0	0	21.5	1.8	1.6	161	161	0.0	
VMP-55-20-Dup	8/20/2020	1150	NM	NM	0.0	0	22.3	1.2	1.6	158	158	0.0	Duplicate sample.
VMP-55-20	9/16/2020	0950	0.34	0.00	0.0	0	17.5	5.0	0.1	9.0	9.0	0.0	
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.
VMP-55-30	7/20/2020	1041	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	8/20/2020	1151	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	9/16/2020	0951	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
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-56-10	7/21/2020	0945	-3.98	-3.90	0.0	0	1.1	19.4	0.0	0.0	0.0	0.0	
VMP-56-10	7/31/2020	0837	-3.48	NM	0.0	0	0.6	20.3	0.3	0.0	0.0	0.0	
VMP-56-10	8/19/2020	1017	-3.48	-3.48	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-56-10	9/17/2020	0839	-2.96	-2.95	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-56-10	9/29/2020	1310	-0.03	NM	0.0	0	0.3	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-56-25	7/21/2020	0946	-7.81	-7.73	0.0	0	1.1	20.1	0.4	0.0	0.0	0.0	
VMP-56-25	7/31/2020	0840	-8.74	NM	0.0	0	0.6	20.2	0.2	16.1	16.1	0.0	
VMP-56-25	8/19/2020	1018	-7.90	-7.93	0.0	0	0.6	20.1	0.4	3.6	3.6	0.0	
VMP-56-25	9/17/2020	0840	-8.03	-7.43	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-56-25	9/29/2020	1312	0.02	NM	0.0	0	0.6	19.8	0.1	18.0	17.2	0.8	
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.
VMP-56-38.5	7/21/2020	0948	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	7/31/2020	0842	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	8/19/2020	1019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	9/17/2020	0841	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	9/29/2020	1313	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
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-57-5A	7/20/2020	1226	0.00	0.00	0.0	0	1.8	17.8	0.0	0.0	0.0	0.0	
VMP-57-5A	8/19/2020	1423	0.00	0.00	0.0	0	2.8	15.2	0.5	0.0	0.0	0.0	
VMP-57-5A	9/16/2020	1300	0.00	0.00	0.0	0	3.8	13.3	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-57-10	7/20/2020	1227	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-10	8/19/2020	1424	0.16	0.00	0.0	0	1.7	18.1	0.0	0.0	0.0	0.0	
VMP-57-10	9/16/2020	1301	0.21	0.11	0.0	0	2.3	16.8	0.0	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	
VMP-57-20	7/20/2020	1228	-0.49	0.00	0.0	0	1.5	18.0	0.0	0.0	0.0	0.0	
VMP-57-20	8/19/2020	1425	0.00	0.00	0.0	0	2.3	17.2	0.0	0.0	0.0	0.0	
VMP-57-20	9/16/2020	1302	0.00	-0.36	0.0	0	2.7	15.4	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-58-5	7/20/2020	1214	-0.28	0.00	0.0	0	0.0	20.9	0.5	1.3	0.0	1.3	
VMP-58-5	8/19/2020	1406	0.00	0.00	0.0	0	1.6	16.3	0.3	0.0	0.0	0.0	
VMP-58-5	9/16/2020	1225	0.09	0.00	0.0	0	2.2	13.7	0.2	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-58-10	7/20/2020	1215	0.00	0.00	0.0	0	0.2	19.5	0.4	0.0	0.0	0.0	
VMP-58-10	8/19/2020	1407	0.00	0.00	0.0	0	1.3	17.0	0.3	0.0	0.0	0.0	
VMP-58-10	9/16/2020	1226	0.00	0.00	0.0	0	2.0	14.6	0.3	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	
VMP-58-20	7/20/2020	1216	0.00	0.00	0.0	0	1.6	17.3	0.8	0.0	0.0	0.0	
VMP-58-20	8/19/2020	1408	0.00	0.00	0.0	0	3.0	15.2	0.3	0.0	0.0	0.0	
VMP-58-20	9/16/2020	1227	-0.09	0.21	0.0	0	3.2	13.7	0.6	0.0	0.0	0.0	
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-58-30	7/20/2020	1217	0.00	0.00	0.0	0	12.4	2.4	6.7	110	0.0	110	
VMP-58-30	8/19/2020	1409	-0.15	0.00	0.0	0	10.1	6.1	1.4	1.0	0.0	1.0	
VMP-58-30	9/16/2020	1228	0.00	0.00	0.0	0	9.5	5.8	0.5	6.0	6.0	0.0	
VMP-58-30-Dup	9/16/2020	1228	NM	NM	0.0	0	9.6	5.8	0.5	6.0	6.0	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-59-5	7/20/2020	1133	-0.18	0 00	0.0	0	0.4	19.5	0.3	0.0	0.0	0.0	
VMP-59-5	8/19/2020	1352	0 00	0 00	0.0	0	1.4	18.2	0.2	123	123	0.0	Re-sampled due to elevated concentrations.
VMP-59-5	8/20/2020	1436	0.10	NM	0.2	4	1 5	17.2	2.6	1013	971	42 0	Re-sample.
VMP-59-5	9/16/2020	1205	0 00	0 00	0.0	0	1 8	17.0	0.1	5.8	5.8	0.0	Re-sampled to confirm initial sample.
VMP-59-5	9/17/2020	0900	0 00	NM	0.0	0	2.1	16.7	0.3	177	177	0.0	Re-sample.
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	
VMP-59-10	7/20/2020	1134	0 00	0 00	0.0	0	0 2	20.2	0.2	0.0	0.0	0.0	
VMP-59-10	8/19/2020	1353	0 00	0 00	0.0	0	0 9	18.8	0.3	8.4	8.4	0.0	
VMP-59-10	9/16/2020	1206	0 00	0 00	0.0	0	1 2	17.3	0.3	18.2	18 2	0.0	Re-sampled due to elevated concentrations.
VMP-59-10	9/17/2020	0901	-1.60	NM	0.0	0	1.4	17.3	0.3	21.1	18 8	2.3	Re-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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-59-20	7/20/2020	1135	0.00	0.00	0.0	0	0.4	19.7	0.2	0.0	0.0	0.0	
VMP-59-20	8/19/2020	1354	0.00	0.00	0.0	0	0.3	19.0	0.4	14.7	14.7	0.0	
VMP-59-20	9/16/2020	1207	-30.33	0.35	0.0	0	0.4	16.0	0.2	127	127	0.0	Re-sampled due to elevated concentrations.
VMP-59-20	9/17/2020	0902	-0.14	NM	0.0	0	0.6	15.7	0.3	115	115	0.0	Re-sample.
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-59-30	7/20/2020	1136	0.00	0.00	0.0	0	1.0	18.2	0.3	0.0	0.0	0.0	
VMP-59-30	8/19/2020	1355	0.41	0.00	31.9	OVR	6.7	3.9	237	44610	31640	12970	
VMP-59-30	9/16/2020	1208	0.00	0.00	OVR	OVR	5.2	6.8	247	116000	84160	31840	Re-sampled due to elevated concentrations.
VMP-59-30	9/17/2020	0902	-0.14	NM	23.8	OVR	4.8	8.2	234	37280	26180	11100	Re-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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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 1/16/2020 and was not restarted at 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	
VMP-60-5	7/20/2020	0831	-0.25	0.00	0.0	0	1.2	16.2	0.0	0.0	0.0	0.0	
VMP-60-5	8/19/2020	1117	0.00	0.00	0.0	0	2.2	7.8	0.0	17.0	13.0	4.0	
VMP-60-5	9/16/2020	1047	0.00	0.00	0.0	0	2.4	12.8	0.1	10.0	10.0	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-60-10	7/20/2020	0832	-0.21	0.00	0.0	0	1.0	16.9	0.0	0.0	0.0	0.0	
VMP-60-10	8/19/2020	1118	0.00	0.00	0.0	0	2.2	8.4	0.2	34.0	26.0	8.0	
VMP-60-10	9/16/2020	1048	0.00	0.00	0.0	0	2.7	9.5	0.0	12.0	12.0	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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	
VMP-60-20	7/20/2020	0833	0.00	0.00	0.0	0	0.9	17.3	0.1	0.0	0.0	0.0	
VMP-60-20	8/19/2020	1118	0.00	0.00	0.0	0	1.5	12.3	0.1	4.2	4.2	0.0	
VMP-60-20	9/16/2020	1049	0.00	0.00	0.0	0	2.2	12.0	0.1	12.0	12.0	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-60-33.5	7/20/2020	0834	0.00	0.00	0.0	0	1.2	16.1	0.2	0.0	0.0	0.0	
VMP-60-33.5	8/19/2020	1120	0.00	0.00	0.0	0	2.2	7.9	0.3	86.0	7.5	78.5	
VMP-60-33.5	9/16/2020	1050	0.00	0.00	0.0	0	2.5	11.2	0.7	41.0	34.0	7.0	

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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-61-5	7/20/2020	1233	0.00	0.00	0.0	0	2.1	17.3	0.0	0.0	0.0	0.0	
VMP-61-5-Dup	7/20/2020	1233	NM	NM	0.0	0	2.0	17.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-61-5	8/19/2020	1442	0.00	0.00	0.0	0	2.7	15.3	0.3	0.0	0.0	0.0	
VMP-61-5	9/16/2020	1316	0.00	0.00	0.0	0	3.4	12.4	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	
VMP-61-10	7/20/2020	1234	-0.51	0.00	0.0	0	0.9	19.4	0.0	0.0	0.0	0.0	
VMP-61-10	8/19/2020	1443	-0.13	0.00	0.0	0	1.1	18.7	0.4	0.0	0.0	0.0	
VMP-61-10	9/16/2020	1317	-0.38	0.12	0.0	0	1.4	17.7	0.2	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-61-20	7/20/2020	1235	-0.18	0.00	0.0	0	1.5	18.4	0.1	0.0	0.0	0.0	
VMP-61-20	8/19/2020	1444	-0.18	0.00	0.0	0	2.8	15.3	0.5	0.0	0.0	0.0	
VMP-61-20	9/16/2020	1318	0.00	0.00	0.0	0	3.6	12.1	0.1	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-61-30	7/20/2020	1236	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	8/19/2020	1445	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	9/16/2020	1319	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
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	
VMP-62-5	7/20/2020	1352	0.00	0.00	0.0	0	6.2	12.4	0.2	0.0	0.0	0.0	
VMP-62-5	8/20/2020	0925	0.00	0.00	0.0	0	9.3	10.9	0.2	0.0	0.0	0.0	
VMP-62-5	9/17/2020	1016	0.00	0.00	0.0	0	8.7	13.0	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-62-10	7/20/2020	1353	0.00	0.00	0.0	0	4.4	15.1	0.5	0.0	0.0	0.0	
VMP-62-10-Dup	7/20/2020	1353	NM	NM	0.0	0	4.2	15.4	0.5	0.0	0.0	0.0	Duplicate sample.
VMP-62-10	8/20/2020	0926	0.00	0.00	0.0	0	5.9	13.1	0.2	0.0	0.0	0.0	
VMP-62-10	9/17/2020	1017	0.00	0.00	0.0	0	6.3	13.9	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-62-20	7/20/2020	1354	0.28	0.00	0.0	0	2.4	17.9	0.4	0.0	0.0	0.0	
VMP-62-20	8/20/2020	0927	0.00	0.00	0.0	0	1.9	18.4	0.5	0.0	0.0	0.0	
VMP-62-20	9/17/2020	1018	-0.78	0.00	0.0	0	3.6	16.6	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.
VMP-62-30	7/20/2020	1355	0.49	0.00	0.0	0	1.8	18.4	0.3	0.0	0.0	0.0	
VMP-62-30	8/20/2020	0928	0.00	0.00	0.0	0	2.7	17.2	0.4	0.0	0.0	0.0	
VMP-62-30	9/17/2020	1019	-0.11	-0.11	0.0	0	2.2	18.2	0.3	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-63-5	7/20/2020	1331	0.00	0.00	0.0	0	0.6	18.0	0.0	0.0	0.0	0.0	
VMP-63-5	8/20/2020	0859	0.00	0.00	0.0	0	2.2	16.6	0.3	0.0	0.0	0.0	
VMP-63-5	9/16/2020	1400	0.00	0.00	0.0	0	3.0	16.6	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-63-10	7/20/2020	1332	0.00	0.00	0.0	0	0.8	19.6	0.0	0.0	0.0	0.0	
VMP-63-10	8/20/2020	0855	0.00	0.00	0.0	0	1.6	18.2	0.3	0.0	0.0	0.0	
VMP-63-10	9/16/2020	1401	0.00	0.00	0.0	0	2.5	17.1	0.3	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	
VMP-63-20	7/20/2020	1333	0.00	0.00	0.0	0	0.8	19.8	0.0	0.0	0.0	0.0	
VMP-63-20	8/20/2020	0856	0.00	0.00	0.0	0	0.9	19.5	0.4	0.0	0.0	0.0	
VMP-63-20	9/16/2020	1402	0.15	0.16	0.0	0	1.1	19.2	0.0	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-63-30	7/20/2020	1334	0.00	0.00	0.0	0	1.1	19.6	0.0	0.0	0.0	0.0	
VMP-63-30	8/20/2020	0857	0.00	0.00	0.0	0	1.1	19.5	0.4	0.0	0.0	0.0	
VMP-63-30	9/16/2020	1403	0.19	0.19	0.0	0	0.9	19.3	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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-64-5	7/20/2020	1250	0.00	0.00	0.0	0	0.8	16.5	0.0	0.0	0.0	0.0	
VMP-64-5	8/20/2020	0839	0.00	0.00	0.0	0	1.1	16.4	0.3	0.0	0.0	0.0	
VMP-64-5	9/16/2020	1342	0.00	0.00	0.0	0	2.1	17.6	0.0	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	
VMP-64-10	7/20/2020	1251	0.00	0.00	0.0	0	3.2	16.5	0.0	0.0	0.0	0.0	
VMP-64-10	8/20/2020	0840	0.00	0.00	0.0	0	3.0	16.0	0.4	0.0	0.0	0.0	
VMP-64-10	9/16/2020	1343	0.00	0.00	0.0	0	3.7	15.1	0.0	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-64-20	7/20/2020	1252	0.14	0.00	0.0	0	1.7	18.0	0.0	0.0	0.0	0.0	
VMP-64-20	8/20/2020	0841	0.00	0.00	0.0	0	2.3	17.6	0.3	0.0	0.0	0.0	
VMP-64-20	9/16/2020	1402	0.12	0.09	0.0	0	2.4	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
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.
VMP-64-28	7/20/2020	1253	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	8/20/2020	0842	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	9/16/2020	1403	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; btc = Below Top of Casing; bgs = Below Ground Surface.

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Acetone			Benzene			Butane			2-Butanone			Carbon disulfide			Cyclohexane		
			Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	1400	U		10			94			1800	U		1900	U		6.2		
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	2800	U		16			1000			3500	U		3700	U		7.6		
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	2800	U		16			980			3500	U		3700	U		12		
SVE Public Works Header	PW-Header-SVE-011320	1/13/2020	5600	U		26			820			7000	U		7300	U		2000	U	
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	3800	U		28			540			4800	U		5000	U		20		
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	3000	U		22			430			3800	U		4000	U		15		
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	2300	U		16			190			2800	U		3000	U		14		
SVE Public Works Header	PW-Header-SVE-060220	6/2/2020	1900	U		18			230			2400	U		2500	U		15		
SVE Public Works Header	PW-Header-SVE-070820	7/8/2020	5500	U		16			890			6800	U		7200	U		21		
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	1200	U		10			320			1500	U		1600	U		22		
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	1500	U		10			320			1800	U		1900	U		20		
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	1400	U		12			360			1800	U		1900	U		24		
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	930	U		11			320			1200	U		1200	U		340	U	
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	2900	U		14			540			3600	U		3800	U		36		
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	3000	U		12			450			3700	U		3900	U		23		
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	1100	U		12			380			1400	U		1500	U		22		
SVE Refinery Header	WFL-Header-SVE-060220	6/2/2020	1500	U		12			370			1800	U		1900	U		26		
SVE Refinery Header	BlueLine-Header-SVE-070820	7/8/2020	110	U		0.86			9.1			140	U		150	U		0.83		
SVE Refinery Header	PurpleLine-Header-SVE-070820	7/8/2020	5600	U		40			1300			7000	U		7300	U		86		
SVE Refinery Header	WFL-Header-SVE-070820	7/8/2020	5600	U		26			850			7000	U		7300	U		65		
SVE Refinery Header	PurpleLine-Header-SVE-071520	7/15/2020	2800	U		31			830			3400	U		3600	U		60		
SVE Refinery Header	BlueLine-Header-SVE-072120	7/21/2020	0.06	J		0.11			22			140	U		150	U		41	U	
SVE Refinery Header	WFL-Header-SVE-080620	8/6/2020	18	J		3.2			380			9800	U		6.2	J		17		
SVE Refinery Header	WFL-Header-SVE-090220	9/2/2020	1900	U		3.8			290			2400	U		2500	U		19		
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	5.3	E	J	0.1			1.8			1.1			0.034	J		0.17		
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	6.2			0.13			5.1			0.96			160	U		0.11		
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	3.2			0.17			6.1			0.56			180	U		0.29		
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	2.4			0.12			3.6			0.38			110	U		30	U	
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	5.8			0.059			4.2			0.91			150	U		0.14		
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	3.6			0.089			5.2			0.58			160	U		0.2		
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	9.5	E	J	0.1			4.5			1.6			110	U		0.15		
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	4.5	E	J	0.039			2.1			0.74			55	U		0.081		
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	6			0.025	J		1.6			1			110	U		0.05		
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	3.5			0.03			1.5			0.63			60	U		0.058		
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	3	E	J	0.056			1			0.5			34	U		0.054		
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	4.4			0.063			1.5			0.81			85	U		0.084		
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	4.1			0.069			3.3			0.83			110	U		0.15		
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	4.2			0.087			2.7			0.76			64	U		0.18		
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	1.1			0.36			2.7			0.12	J		180	U		0.12		
SVE RTO Exhaust	Exh-SVE-060220	6/2/2020	5.6			0.14			2.7			1			140	U		0.26		
SVE RTO Exhaust	Exh-SVE-070820	7/8/2020	6.5			0.1			5.2			1.2			180	U		0.22		
SVE RTO Exhaust	Exh-SVE-071520	7/15/2020	5.4			0.14			3.5			1.1			180	U		0.23		
SVE RTO Exhaust	Exh-SVE-072120	7/21/2020	4.2			0.0084	J		63	U		0.83			82	U		23	U	
SVE RTO Exhaust	Exh-SVE-080620	8/6/2020	7	E	J	0.023			1.9			1.4			70	U		0.097		
SVE RTO Exhaust	Exh-SVE-090220	9/2/2020	3.3			0.016			1.1			0.57			44	U		0.056		

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Dichloromethane (Methylene chloride)			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	Result (mg/m ³)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	2100	U		1100	U		0.53	J		740	U		5.8			66		
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	4100	U		2200	U		1.6			0.45	J		8.9			85		
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	4200	U		2300	U		1.7			0.47	J		12			88		
SVE Public Works Header	PW-Header-SVE-011320	1/13/2020	8200	U		4400	U		3			2900	U		21			200		
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	5600	U		3000	U		2.7			0.53	J		24			210		
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	4400	U		2400	U		2			0.47	J		20			190		
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	3400	U		1800	U		1.5			0.46	J		14			110		
SVE Public Works Header	PW-Header-SVE-060220	6/2/2020	2800	U		1500	U		3			0.7	J		19			130		
SVE Public Works Header	PW-Header-SVE-070820	7/8/2020	8000	U		4400	U		3.7			1	J		20			150		
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	1800	U		950	U		3			0.76			21			120		
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	2200	U		1200	U		3.1			0.54	J		21			120		
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	2100	U		1100	U		3.1			0.59	J		21			140		
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	1400	U		730	U		2.7			0.39	J		17			120		
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	4200	U		2300	U		4.6			0.62	J		26			200		
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	4400	U		2400	U		3.5			0.64	J		22			160		
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	1600	U		900	U		1.9			0.39	J		19			140		
SVE Refinery Header	WFL-Header-SVE-060220	6/2/2020	2100	U		1200	U		3.3			0.64	J		25			150		
SVE Refinery Header	BlueLine-Header-SVE-070820	7/8/2020	160	U		88	U		0.93			0.38			1.1			3.9		
SVE Refinery Header	PurpleLine-Header-SVE-070820	7/8/2020	8200	U		4400	U		15			3.4			76			510		
SVE Refinery Header	WFL-Header-SVE-070820	7/8/2020	8200	U		4400	U		8.6			1.5	J		50			340		
SVE Refinery Header	PurpleLine-Header-SVE-071520	7/15/2020	4000	U		2200	U		15			3.2			54			340		
SVE Refinery Header	BlueLine-Header-SVE-072120	7/21/2020	160	U		90	U		0.12			0.055	J		0.21			1		
SVE Refinery Header	WFL-Header-SVE-080620	8/6/2020	9.4	J		65			0.94	J		4100	U		5.4			46		
SVE Refinery Header	WFL-Header-SVE-090220	9/2/2020	2800	U		1500	U		870	U		980	U		6.2			53		
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	140	U		0.069	J0	J	0.036			0.021			0.25			0.86		
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	460	U		0.097	J	J	0.024	J		0.011	J		0.16			0.73		
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	510	U		110	U	UJ	0.05	J		0.014	J		0.35			1.9		
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	300	U		65	U		0.015	J		42	U		0.21			1.3		
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	0.04	J		0.15			0.011	J		59	U		0.16			0.83		
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	450	U		0.08	J		0.012	J		63	U		0.2			1.2		
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	300	U		0.16			0.013	J		42	U		0.18			1.1		
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	150	U		0.087			0.0051	J		22	U		0.085			0.54		
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	320	U		0.15			40	U		45	U		0.078			0.41		
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	170	U		0.062			21	U		24	U		0.065			0.43		
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	94	U		0.051			0.017			0.011	J		0.088			0.45		
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	240	U		0.1			0.013	J		33	U		0.11			0.63		
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	300	U		0.088			38	U		42	U		0.19			1.3		
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	180	U		0.066			0.011	J		25	U		0.19			1.1		
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	490	U		0.33	J0	J	0.012	J		69	U		0.16			0.75		
SVE RTO Exhaust	Exh-SVE-060220	6/2/2020	380	U		0.15			0.01	J		0.0098	J		0.28			1.4		
SVE RTO Exhaust	Exh-SVE-070820	7/8/2020	500	U		0.15			0.02	J		71	U		0.24			1.6		
SVE RTO Exhaust	Exh-SVE-071520	7/15/2020	490	U		0.14			0.053	J		0.024	J		0.32			1.4		
SVE RTO Exhaust	Exh-SVE-072120	7/21/2020	230	U		0.07			29	U		32	U		27	U		0.055		
SVE RTO Exhaust	Exh-SVE-080620	8/6/2020	200	U		0.12			24	U		28	U		0.062			0.31		
SVE RTO Exhaust	Exh-SVE-090220	9/2/2020	120	U		0.045			15	U		17	U		0.033			0.22		

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			n-Propylbenzene		
			Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	2500	U	UJ	720			0.44	J		540	U		1500	U		0.79		
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	4900	U		970			0.77	J		1100	U		2900	U		1.1	J	
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	4900	U		960			0.82	J		1100	U		2900	U		1.3	J	
SVE Public Works Header	PW-Header-SVE-011320	1/13/2020	9700	U		2600			1.4	J		2100	U		5800	U		1.9	J	
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	6600	U		2000			1.6	J		1400	U		4000	U		2		
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	5200	U		1500			1	J		1200	U		3100	U		1.7		
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	4000	U		790			1.1	J		870	U		2400	U		1.6		
SVE Public Works Header	PW-Header-SVE-060220	6/2/2020	3300	U		920			1.6			720	U		2000	U		2.2		
SVE Public Works Header	PW-Header-SVE-070820	7/8/2020	9500	U		1700			2.3	J		2100	U		5700	U		3.1		
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	2100	U	UJ	640			0.69			460	U		1200	U		0.78		
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	2600	U		590			0.66	J		560	U		1500	U		0.73	J	
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	2500	U		570			0.75			0.076	J		1500	U		0.88		
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	1600	U		560			0.41	J		350	U		960	U		0.45	J	
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	5000	U		950			0.7	J		1100	U		3000	U		0.81	J	
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	5100	U		750			0.68	J		1100	U		3100	U		0.84	J	
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	1900	U		680			0.5	J		430	U		1200	U		0.62		
SVE Refinery Header	WFL-Header-SVE-060220	6/2/2020	2500	U		740			0.63	J		560	U		1500	U		0.65	J	
SVE Refinery Header	BlueLine-Header-SVE-070820	7/8/2020	190	U		16			0.3			42	U		120	U		0.45		
SVE Refinery Header	PurpleLine-Header-SVE-070820	7/8/2020	9700	U		2300			3.2			2100	U		5800	U		3.8		
SVE Refinery Header	WFL-Header-SVE-070820	7/8/2020	9700	U		1500			1.6	J		2100	U		5800	U		1.9	J	
SVE Refinery Header	PurpleLine-Header-SVE-071520	7/15/2020	4800	U		1600			3.1			1000	ND,UJ	UJ	2900	U		3.6		
SVE Refinery Header	BlueLine-Header-SVE-072120	7/21/2020	190	U		39			0.039	J		43	U		120	U		0.067		
SVE Refinery Header	WFL-Header-SVE-080620	8/6/2020	14000	U		610			4100	U		12000	U		28			4100	U	
SVE Refinery Header	WFL-Header-SVE-090220	9/2/2020	3300	U		470			0.35	J		720	U		2000	U		980	U	
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.11			2.8			0.014	J		58	U		0.04			0.021		
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.071	J		4.4		J	0.0094	J		190	U		0.068	J		0.021	J	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	0.046	J		7.3			0.016	J		210	U		0.043	J		0.027	J	
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	0.035	J		5.6			42	U		120	U		84	U		0.019	J	
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	0.068	J		8.5			59	U		170	U		0.13			0.0074	J	
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	0.058	J		9.2			63	U		190	U		0.078	J		0.0065	J	
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	0.14			7.5			42	U		120	U		0.17			0.0083	J	
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	0.066	J	J	3.3			22	U		63	U		0.098			0.0031	J	
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	0.099	J	J	2.5			45	U		130	U		0.16			45	U	
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	0.063	J	J	2.6			24	U		70	U		0.095			24	U	
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	0.05			2.5			0.014			39	U		0.067			0.026		
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	0.1	J	J	2.8			0.0034	J		98	U		0.09			0.0058	J	
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	0.072	J		5.6			42	U		120	U		0.08	J		42	U	
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	0.058	J		5.1			25	U		74	U		0.052			25	U	
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	230	U		4.5			69	U		200	U		140	U		69	U	
SVE RTO Exhaust	Exh-SVE-060220	6/2/2020	0.11	J		5.7			0.013	J		160	U		110	U		0.022	J	
SVE RTO Exhaust	Exh-SVE-070820	7/8/2020	0.19	J		8.2			0.01	J		210	U		0.063	J		0.016	J	
SVE RTO Exhaust	Exh-SVE-071520	7/15/2020	0.18	J		5.3			0.016	J		200	U		140	U		0.035	J	
SVE RTO Exhaust	Exh-SVE-072120	7/21/2020	0.14			0.19			32	U		95	U		65	U		32	U	
SVE RTO Exhaust	Exh-SVE-080620	8/6/2020	0.15			1.9			28	U		81	U		0.046	J		0.0035	J	
SVE RTO Exhaust	Exh-SVE-090220	9/2/2020	0.078			2			17	U		51	U		0.02	J		17	U	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Styrene			Tetrachloroethene			Toluene			Trichloroethene			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene		
			Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	640	U		1000	U		0.34	J		810	U		740	U		0.15	J	
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	1300	U		2000	U		3.2			1600	U		1500	U		0.33	J	
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	1300	U		2000	U		4.3			1600	U		1500	U		0.29	J	
SVE Public Works Header	PW-Header-SVE-011320	1/13/2020	2500	U		4000	U		8.2			3200	U		2900	U		2900	U	
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	1700	U		2700	U		8.5			2200	U		0.43	J		0.28	J	
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	1400	U		2200	U		15			1700	U		0.18	J		1600	U	
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	1000	U		1600	U		4.4			1300	U		0.21	J		0.19	J	
SVE Public Works Header	PW-Header-SVE-060220	6/2/2020	850	U		1400	U		5.7			1100	U		0.48	J		0.4	J	
SVE Public Works Header	PW-Header-SVE-070820	7/8/2020	2500	U		3900	U		5.4			3100	U		1	J		0.6	J	
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	540	U		0.47	J		2.8			680	U		0.77			0.48	J	
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	660	U		1000	U		2.8			840	U		0.64	J		0.36	J	
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	640	U		1000	U		2.3			810	U		0.6	J		0.42	J	
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	420	U		660	U		1			520	U		0.4	J		0.24	J	
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	1300	U		2000	U		1.1			1600	U		0.6	J		0.31	J	
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	1300	U		2100	U		1.7			1700	U		0.59	J		0.43	J	
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	510	U		810	U		1.2			640	U		0.36	J		0.23	J	
SVE Refinery Header	WFL-Header-SVE-060220	6/2/2020	660	U		1000	U		1.7			830	U		0.6	J		0.29	J	
SVE Refinery Header	BlueLine-Header-SVE-070820	7/8/2020	50	U		80	U		0.1			63	U		0.57			0.18		
SVE Refinery Header	PurpleLine-Header-SVE-070820	7/8/2020	2500	U		4000	U		1.5	J		3200	U		3.8			1.8	J	
SVE Refinery Header	WFL-Header-SVE-070820	7/8/2020	2500	U		4000	U		1.2	J		3200	U		1.5	J		0.78	J	
SVE Refinery Header	PurpleLine-Header-SVE-071520	7/15/2020	1200	U		2000	U		0.95	J		1600	U		4			1.6		
SVE Refinery Header	BlueLine-Header-SVE-072120	7/21/2020	51	U		81	U		0.012	J		64	U		0.094			0.033	J	
SVE Refinery Header	WFL-Header-SVE-080620	8/6/2020	0.71	J		5600	U		25			2.4	J		4100	U		4100	U	
SVE Refinery Header	WFL-Header-SVE-090220	9/2/2020	850	U		1400	U		750	U		1100	U		0.15	J		980	U	
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	17	U		27	U		0.029			0.013	J		0.024			0.012	J	
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	56	U		90	U		0.028	J		71	U		65	U		0.0093	J	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	62	U		99	U		0.036	J		78	U		0.018	J		0.012	J	
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	37	U		58	U		0.021	J		46	U		42	U		42	U	
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	52	U		82	U		0.022	J		65	U		59	U		59	U	
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	55	U		88	U		0.028	J		69	U		63	U		63	U	
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	37	U		58	U		0.031	J		46	U		0.0052	J		42	U	
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	19	U		30	U		0.0089	J		24	U		22	U		22	U	
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	39	U		62	U		0.0048	J		49	U		45	U		45	U	
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	21	U		33	U		0.0037	J		26	U		24	U		24	U	
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	11	U		0.012	J		0.022			14	U		0.014			0.0049	J	
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	29	U		46	U		0.018	J		36	U		33	U		33	U	
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	37	U		59	U		0.015	J		46	U		42	U		42	U	
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	22	U		34	U		0.022			27	U		25	U		25	U	
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	60	U		96	U		0.016	J		76	U		69	U		69	U	
SVE RTO Exhaust	Exh-SVE-060220	6/2/2020	47	U		74	U		0.037	J		59	U		54	U		54	U	
SVE RTO Exhaust	Exh-SVE-070820	7/8/2020	62	U		98	U		0.017	J		78	U		0.02	J		71	U	
SVE RTO Exhaust	Exh-SVE-071520	7/15/2020	60	U		96	U		0.0068	J		76	U		0.054	J		0.019	J	
SVE RTO Exhaust	Exh-SVE-072120	7/21/2020	28	U		45	U		25	U		35	U		32	U		32	U	
SVE RTO Exhaust	Exh-SVE-080620	8/6/2020	24	U		38	U		0.012	J		30	U		28	U		28	U	
SVE RTO Exhaust	Exh-SVE-090220	9/2/2020	15	U		24	U		0.0051	J		19	U		17	U		17	U	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes			TPH (C2-C10)			Butane		
			Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	130			380	U		1.5			660	U		5200			0.0038		
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	160			760	U		2.9			1300	U		8100			0.04		
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	190			770	U		2.7			1300	U		12000			0.042		
SVE Public Works Header	PW-Header-SVE-011320	1/13/2020	270			1500	U		5.8			1	J		12000			0.025		
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	290			1000	U		3.5			0.41	J		13000			0.023		
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	240			820	U		3.6			0.5	J		10800			0.021		
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	250			620	U		3.7			0.59	J		4400			0.0079		
SVE Public Works Header	PW-Header-SVE-060220	6/2/2020	330			510	U		5.8			0.64	J		7100			0.0095		
SVE Public Works Header	PW-Header-SVE-070820	7/8/2020	350			1500	U		5.8			0.85	J		10000			0.036		
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	300			320	U		4.4			0.63			6400			0.012		
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	280			400	U		4.3			0.66	J		6700			0.013		
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	290			380	U		4.5			0.57	J		8700			0.017		
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	230			250	U		3.8			0.34	J		5500			0.014		
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	410			770	U		6.5			0.39	J		8700			0.024		
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	300			800	U		5.6			0.65	J		8700			0.022		
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	290			300	U		3			0.4	J		7100			0.016		
SVE Refinery Header	WFL-Header-SVE-060220	6/2/2020	320			390	U		5.1			0.47	J		6500			0.015		
SVE Refinery Header	BlueLine-Header-SVE-070820	7/8/2020	13			30	U		1.4			0.14						0.00032	J	
SVE Refinery Header	PurpleLine-Header-SVE-070820	7/8/2020	1200			1500	U		20			1.8	J					0.049		
SVE Refinery Header	WFL-Header-SVE-070820	7/8/2020	820			1500	U		12			1.1	J		14000			0.033		
SVE Refinery Header	PurpleLine-Header-SVE-071520	7/15/2020	890			740	U		23			1.7						0.034		
SVE Refinery Header	BlueLine-Header-SVE-072120	7/21/2020	4.2			30	U		0.19			0.021	J					0.00075	J	
SVE Refinery Header	WFL-Header-SVE-080620	8/6/2020	250			2100	U		1.6	J		0.67	J		5500			0.015		
SVE Refinery Header	WFL-Header-SVE-090220	9/2/2020	320			510	U		0.54	J		0.18	J		5300			0.015		
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	2.2			10	U		0.066			0.01	J		81			0.00009	J	
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	1.6			34	U		0.034	J		57	U		80			0.00022	J	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	4.4			37	U		0.063	J		0.0085	J		120			0.00024	J	
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	2.4			22	U		0.024	J		37	U		87			0.00017	J	
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	1.9			31	U		0.016	J		52	U		97			0.00023	J	
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	3			33	U		0.02	J		56	U		110			0.00027	J	
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	2.5			22	U		0.022	J		0.0045	J		110			0.00022	J	
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	1			11	U		0.0089	J		19	U		41			0.000093	J	
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	0.8			24	U		40	U		40	U		41			0.000078	J	
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	0.91			12	U		0.0041	J		21	U		36			0.00007	J	
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	0.94			6.9	U		0.026			0.0039	J		37			0.0027	U	
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	1.1			17	U		0.017	J		30	U		42			0.000067	J	
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	2.4			22	U		0.01	J		38	U		68			0.00013	J	
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	2.2			13	U		0.012	J		22	U		75			0.00016	J	
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	1.6			36	U		0.018	J		61	U		66			0.00011	J	
SVE RTO Exhaust	Exh-SVE-060220	6/2/2020	2.9			0.0065	J		0.03	J		48	U		100			0.00015	J	
SVE RTO Exhaust	Exh-SVE-070820	7/8/2020	3.6			37	U		0.029	J		63	U		100			0.00019	J	
SVE RTO Exhaust	Exh-SVE-071520	7/15/2020	3.6			36	U		0.098			62	U					0.00014	J	
SVE RTO Exhaust	Exh-SVE-072120	7/21/2020	0.059			17	U		0.0061	J		29	U					0.0026	U	
SVE RTO Exhaust	Exh-SVE-080620	8/6/2020	1.6			14	U		24	U		24	U		51			0.000062	J	
SVE RTO Exhaust	Exh-SVE-090220	9/2/2020	1.5			9	U		15	U		15	U		39			0.000071	J	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Isopentane			C6+			Carbon Dioxide			Ethane			Isobutane			Methane		
			Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	0.02			0.024	J		3.6			0.00012	J		0.0012	J		0.52		
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	0.027			0.03			3.3			0.00012	J		0.01			0.62		
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	0.034			0.041			3.8			0.000088	J		0.0083			1.1		
SVE Public Works Header	PW-Header-SVE-011320	1/13/2020	0.054			0.049			3.4			0.0024	U		0.0036			1.1		
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	0.061			0.069			3.9			0.000064	J		0.0027			1.9		
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	0.055			0.065			3.8			0.000059	J		0.0021	J		1.8		
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	0.024			0.052			3.9			0.000063	J		0.00095	J		1.5		
SVE Public Works Header	PW-Header-SVE-060220	6/2/2020	0.024			0.043			4.2			0.0024	U		0.0012	J		1.4		
SVE Public Works Header	PW-Header-SVE-070820	7/8/2020	0.046			0.057			4.5			0.00017	J		0.0071			1.4		
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	0.017			0.043			2.9			0.000079	J		0.0014	J		0.49		
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	0.017			0.044			2.6			0.000075	J		0.0015	J		0.51		
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	0.02			0.064			2.8			0.000094	J		0.0018	J		0.64		
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	0.017			0.037			2			0.000072	J		0.0014	J		0.48		
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	0.03			0.066			3.1			0.00012	J		0.0026			1.2		
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	0.026			0.056			2.9			0.00014	J		0.0023	J		1.1		
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	0.02			0.046			2.6			0.0001	J		0.0017	J		0.78		
SVE Refinery Header	WFL-Header-SVE-060220	6/2/2020	0.02			0.044			2.7			0.00013	J		0.0016	J		0.71		
SVE Refinery Header	BlueLine-Header-SVE-070820	7/8/2020	0.0004	J		0.0036	J		1.3			0.0024	U		0.0024	U		0.0091		
SVE Refinery Header	PurpleLine-Header-SVE-070820	7/8/2020	0.061			0.14			5			0.00028	J		0.0052			2		
SVE Refinery Header	WFL-Header-SVE-070820	7/8/2020	0.041			0.094			3.8			0.00021	J		0.0034			1.3		
SVE Refinery Header	PurpleLine-Header-SVE-071520	7/15/2020	0.042			0.099			4.1			0.00022	J		0.0035			1.4		
SVE Refinery Header	BlueLine-Header-SVE-072120	7/21/2020	0.00086	J		0.00048	J		1.9			0.0024	U		0.00013	J		0.012		
SVE Refinery Header	WFL-Header-SVE-080620	8/6/2020	0.018			0.035			2.7			0.0023	U		0.0016	J		0.43		
SVE Refinery Header	WFL-Header-SVE-090220	9/2/2020	0.016			0.031			2.8			0.000061	J		0.0015	J		0.38		
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.00013	J		0.028	U		1.1			0.0028	U		0.0028	U		0.0037		
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.00018	J		0.026	U		1.2			0.0026	U		0.0026	U		0.0043		
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	0.00028	J		0.00067	J		1.4			0.0029	U		0.0029	U		0.0089		
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	0.00024	J		0.00034	J		1.4			0.0026	U		0.0026	U		0.0063		
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	0.00029	J		0.00033	J		1.5			0.0024	U		0.0024	U		0.0066		
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	0.0003	J		0.00047	J		1.7			0.0026	U		0.0026	U		0.011		
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	0.00028	J		0.00042	J		1.7			0.0028	U		0.0028	U		0.0089		
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	0.00011	J		0.00015	J		0.98			0.0026	U		0.0026	U		0.0039		
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	0.000092	J		0.00016	J		0.92			0.0028	U		0.0028	U		0.0037		
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	0.000089	J		0.00013	J		0.82			0.0024	U		0.0024	U		0.0036		
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	0.000084	J		0.000091	J		0.82			0.0027	U		0.0027	U		0.0024		
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	0.000095	J		0.00016	J		1.2			0.0027	U		0.0027	U		0.0034		
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	0.00018	J		0.018	J		1.2			0.0026	U		0.0026	U		0.0073		
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	0.00021	J		0.00044	J		1.3			0.0026	U		0.0026	U		0.0079		
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	0.00016	J		0.00074	J		1.2			0.0028	U		0.0028	U		0.0065		
SVE RTO Exhaust	Exh-SVE-060220	6/2/2020	0.00022	J		0.00059	J		1.5			0.0027	U		0.0027	U		0.0088		
SVE RTO Exhaust	Exh-SVE-070820	7/8/2020	0.00024	J		0.00068	J		1.4			0.0029	U		0.0029	U		0.008		
SVE RTO Exhaust	Exh-SVE-071520	7/15/2020	0.00017	J		0.00047	J		1			0.0028	U		0.0028	U		0.0053		
SVE RTO Exhaust	Exh-SVE-072120	7/21/2020	0.0026	U		0.000092	J		0.61			0.0026	U		0.0026	U		0.00026	U	
SVE RTO Exhaust	Exh-SVE-080620	8/6/2020	0.000082	J		0.00015	J		0.74			0.0028	U		0.0028	U		0.0017		
SVE RTO Exhaust	Exh-SVE-090220	9/2/2020	0.000081	J		0.0002	J		0.72			0.0028	U		0.0028	U		0.0019		

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Neopentane			Nitrogen			Oxygen			Pentane		
			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-100119	10/1/2019	0.0004	J		80			16			0.018		
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	0.00054	J		80			16			0.02		
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	0.00055	J		79			16			0.023		
SVE Public Works Header	PW-Header-SVE-011320	1/13/2020	0.00085	J		79			16			0.042		
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	0.00015	J		78			16			0.048		
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	0.0026	U		78			16			0.046		
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	0.000065	J		78			16			0.018		
SVE Public Works Header	PW-Header-SVE-060220	6/2/2020	0.000091	J		78			16			0.018		
SVE Public Works Header	PW-Header-SVE-070820	7/8/2020	0.00021	J		79			15			0.025		
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	0.0025	U		80			17			0.0074		
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	0.0025	U		80			17			0.0075		
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	0.0024	U		79			17			0.0097		
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	0.0023	U		79			18			0.0071		
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	0.00012	J		80			16			0.013		
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	0.00011	J		79			17			0.011		
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	0.0024	U		78			18			0.0087		
SVE Refinery Header	WFL-Header-SVE-060220	6/2/2020	0.000084	J		78			18			0.0079		
SVE Refinery Header	BlueLine-Header-SVE-070820	7/8/2020	0.0024	U		80			19			0.00015	J	
SVE Refinery Header	PurpleLine-Header-SVE-070820	7/8/2020	0.00023	J		79			14			0.027		
SVE Refinery Header	WFL-Header-SVE-070820	7/8/2020	0.00018	J		79			16			0.018		
SVE Refinery Header	PurpleLine-Header-SVE-071520	7/15/2020	0.0023	U		78			16			0.018		
SVE Refinery Header	BlueLine-Header-SVE-072120	7/21/2020	0.0024	U		79			19			0.00022	J	
SVE Refinery Header	WFL-Header-SVE-080620	8/6/2020	0.0023	U		79			18			0.0066		
SVE Refinery Header	WFL-Header-SVE-090220	9/2/2020	0.00007	J		79			18			0.0061		
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.0028	U		80			19			0.00007	J	
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.0026	U		80			19			0.0001	J	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	0.0029	U		80			19			0.00014	J	
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	0.0026	U		80			19			0.00013	J	
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	0.0024	U		80			18			0.00014	J	
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	0.0026	U		80			18			0.00012	J	
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	0.0028	U		80			18			0.00013	J	
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	0.0026	U		80			19			0.0026	U	
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	0.0028	U		80			19			0.0028	U	
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	0.0024	U		80			19			0.0024	U	
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	0.0027	U		80			19			0.0027	U	
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	0.0027	U		80			19			0.0027	U	
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	0.0026	U		80			19			0.000096	J	
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	0.0026	U		80			19			0.0001	J	
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	0.0028	U		80			19			0.0028	U	
SVE RTO Exhaust	Exh-SVE-060220	6/2/2020	0.0027	U		79			19			0.00011	J	
SVE RTO Exhaust	Exh-SVE-070820	7/8/2020	0.0029	U		80			18			0.0001	J	
SVE RTO Exhaust	Exh-SVE-071520	7/15/2020	0.0028	U		80			19			0.0028	U	
SVE RTO Exhaust	Exh-SVE-072120	7/21/2020	0.0026	U		79			20			0.0026	U	
SVE RTO Exhaust	Exh-SVE-080620	8/6/2020	0.0028	U		79			20			0.0028	U	
SVE RTO Exhaust	Exh-SVE-090220	9/2/2020	0.0028	U		79			20			0.0028	U	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Propane		
			Result (%)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	0.00051	J	
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	0.00086	J	
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	0.00066	J	
SVE Public Works Header	PW-Header-SVE-011320	1/13/2020	0.00083	J	
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	0.00012	J	
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	0.00053	J	
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	0.00064	J	
SVE Public Works Header	PW-Header-SVE-060220	6/2/2020	0.00091	J	
SVE Public Works Header	PW-Header-SVE-070820	7/8/2020	0.00084	J	
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	0.00094	J	
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	0.00099	J	
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	0.00011	J	
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	0.00088	J	
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	0.00014	J	
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	0.00015	J	
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	0.00091	J	
SVE Refinery Header	WFL-Header-SVE-060220	6/2/2020	0.00095	J	
SVE Refinery Header	BlueLine-Header-SVE-070820	7/8/2020	0.0024	U	
SVE Refinery Header	PurpleLine-Header-SVE-070820	7/8/2020	0.00031	J	
SVE Refinery Header	WFL-Header-SVE-070820	7/8/2020	0.00021	J	
SVE Refinery Header	PurpleLine-Header-SVE-071520	7/15/2020	0.00023	J	
SVE Refinery Header	BlueLine-Header-SVE-072120	7/21/2020	0.0024	U	
SVE Refinery Header	WFL-Header-SVE-080620	8/6/2020	0.0001	J	
SVE Refinery Header	WFL-Header-SVE-090220	9/2/2020	0.0001	J	
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.0028	U	
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.0026	U	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	0.0029	U	
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	0.0026	U	
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	0.0024	U	
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	0.0026	U	
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	0.0028	U	
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	0.0026	U	
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	0.0028	U	
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	0.0024	U	
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	0.0027	U	
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	0.0027	U	
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	0.0026	U	
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	0.0026	U	
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	0.0028	U	
SVE RTO Exhaust	Exh-SVE-060220	6/2/2020	0.0027	U	
SVE RTO Exhaust	Exh-SVE-070820	7/8/2020	0.0029	U	
SVE RTO Exhaust	Exh-SVE-071520	7/15/2020	0.0028	U	
SVE RTO Exhaust	Exh-SVE-072120	7/21/2020	0.0026	U	
SVE RTO Exhaust	Exh-SVE-080620	8/6/2020	0.0028	U	
SVE RTO Exhaust	Exh-SVE-090220	9/2/2020	0.0028	U	

Notes:

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

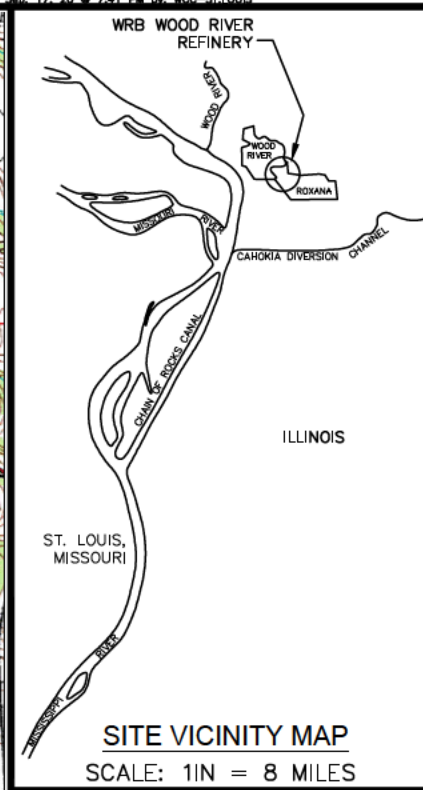
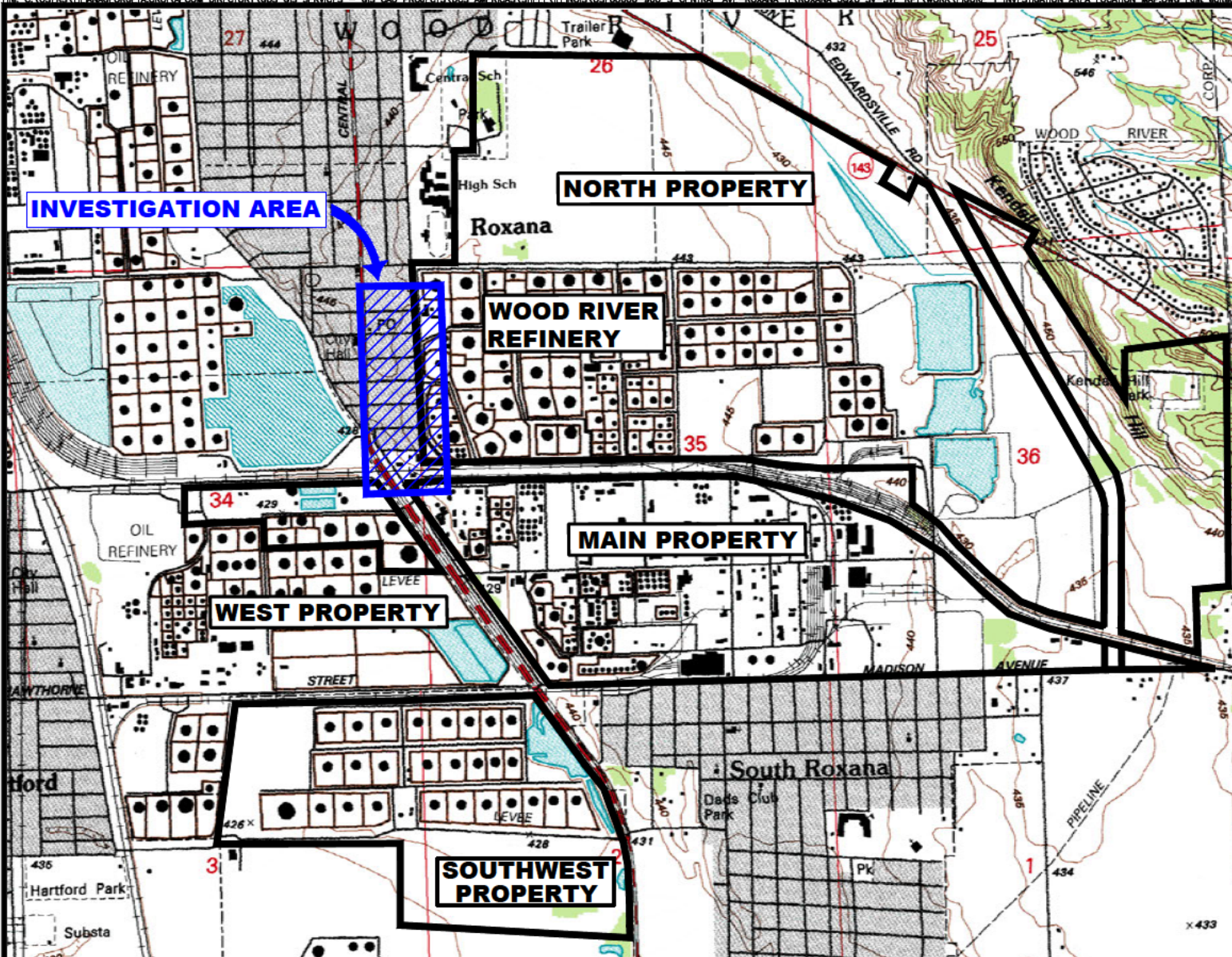
Plan View Model Output – The data input for the plan view model was not limited by depth and was modeled in three dimensions (3D). The bottom surface of the resulting model was limited to the potentiometric groundwater surface elevation. The two dimensional (2D) appearance of the figures created from 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 discrete 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.



- LEGEND**
-  WOOD RIVER REFINERY PROPERTY BOUNDARY
 -  INVESTIGATION AREA

CONTOUR INTERVAL = 5 FT



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

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SOIL VAPOR MONITORING PROGRAM
ROXANA, ILLINOIS

PROJECT NO.
60619901



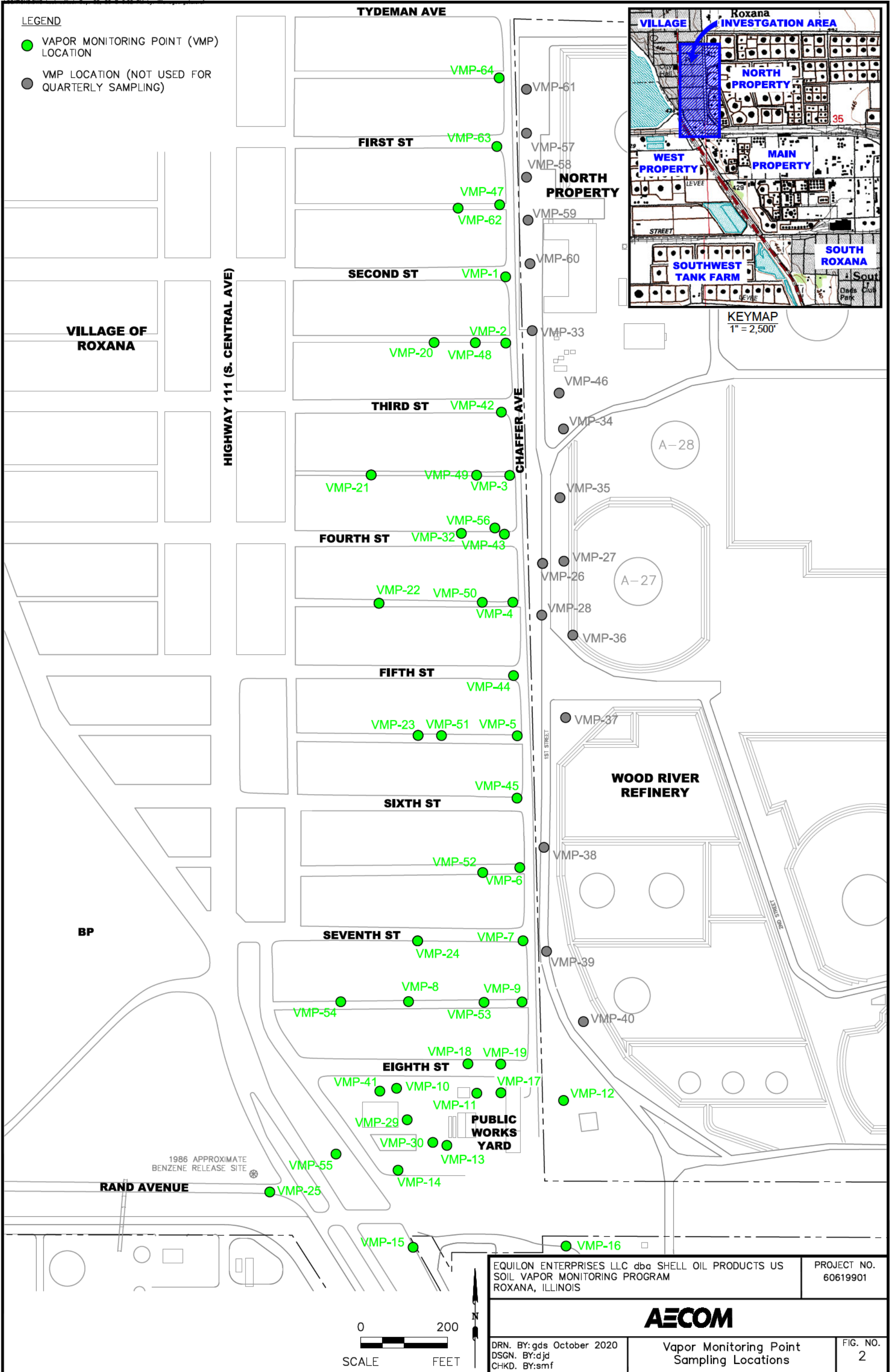
DRN. BY: gds October 2020
DSGN. BY: djd
CHKD. BY: smf

Investigation Area
Location Map

FIG. NO.
1

LEGEND

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



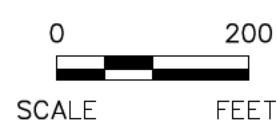
EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 60619901
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DRN. BY:gds October 2020
DSGN. BY:djd
CHKD. BY:smf

Vapor Monitoring Point
Sampling Locations

FIG. NO.
2



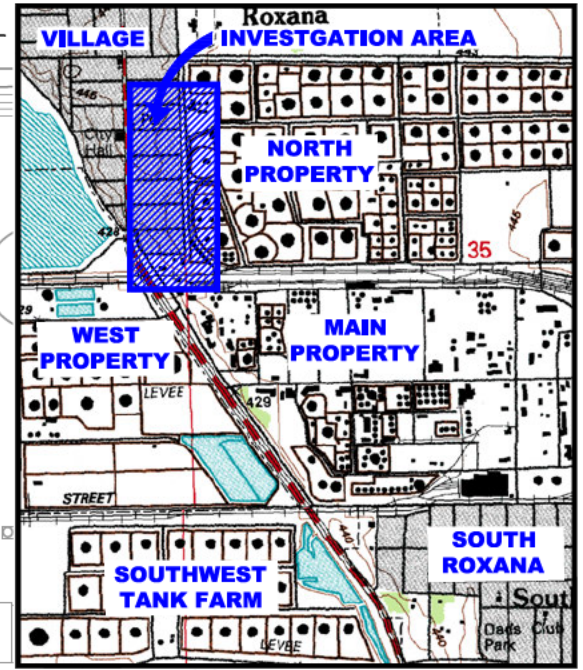
1986 APPROXIMATE
BENZENE RELEASE SITE

BP

**WOOD RIVER
REFINERY**

**PUBLIC
WORKS
YARD**

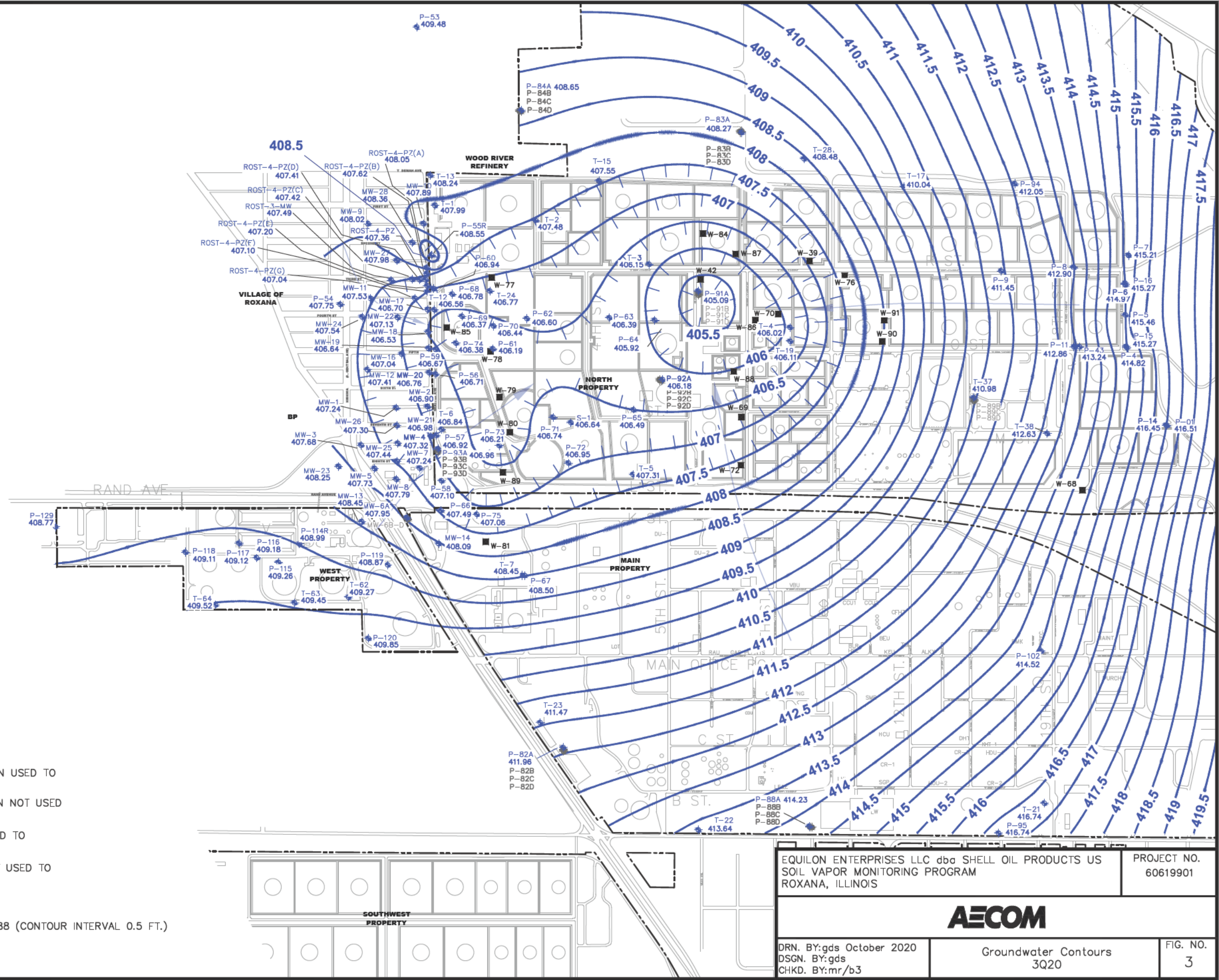
**VILLAGE OF
ROXANA**



KEYMAP
1" = 2,500'

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 JULY 6-8, 2020. P-66 AND MW-14 GROUNDWATER ELEVATIONS WERE MEASURED DURING QUARTERLY SAMPLING EVENT ON JULY 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

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 CHKD. BY:mr/b3

Groundwater Contours
 3Q20

FIG. NO.
 3

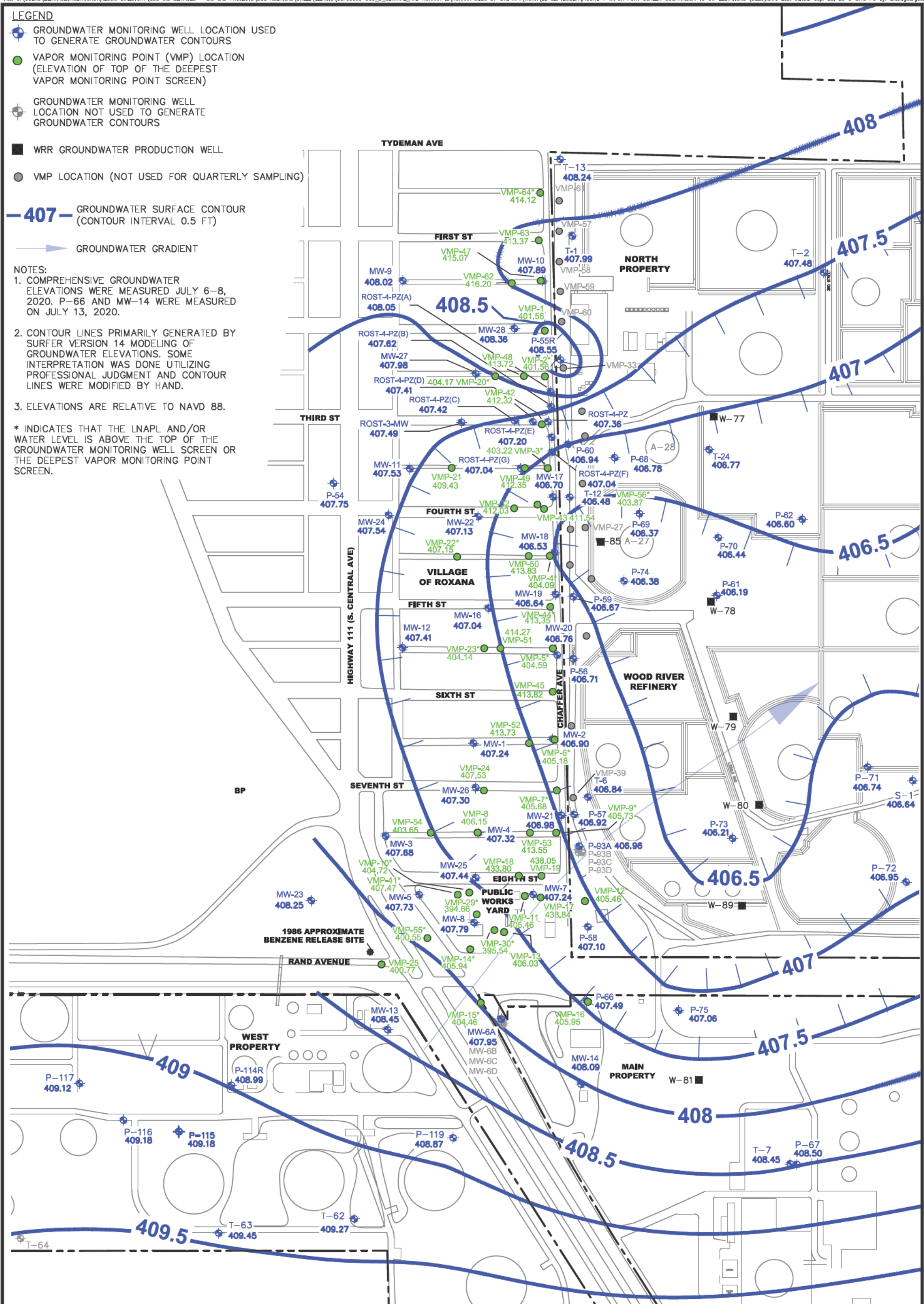
LEGEND

- GROUNDWATER MONITORING WELL LOCATION USED TO GENERATE GROUNDWATER CONTOURS
- VAPOR MONITORING POINT (VMP) LOCATION (ELEVATION OF TOP OF THE DEEPEST VAPOR MONITORING POINT SCREEN)
- GROUNDWATER MONITORING WELL LOCATION NOT USED TO GENERATE GROUNDWATER CONTOURS
- WRR GROUNDWATER PRODUCTION WELL
- VMP LOCATION (NOT USED FOR QUARTERLY SAMPLING)

- 407** GROUNDWATER SURFACE CONTOUR (CONTOUR INTERVAL 0.5 FT)
- GROUNDWATER GRADIENT

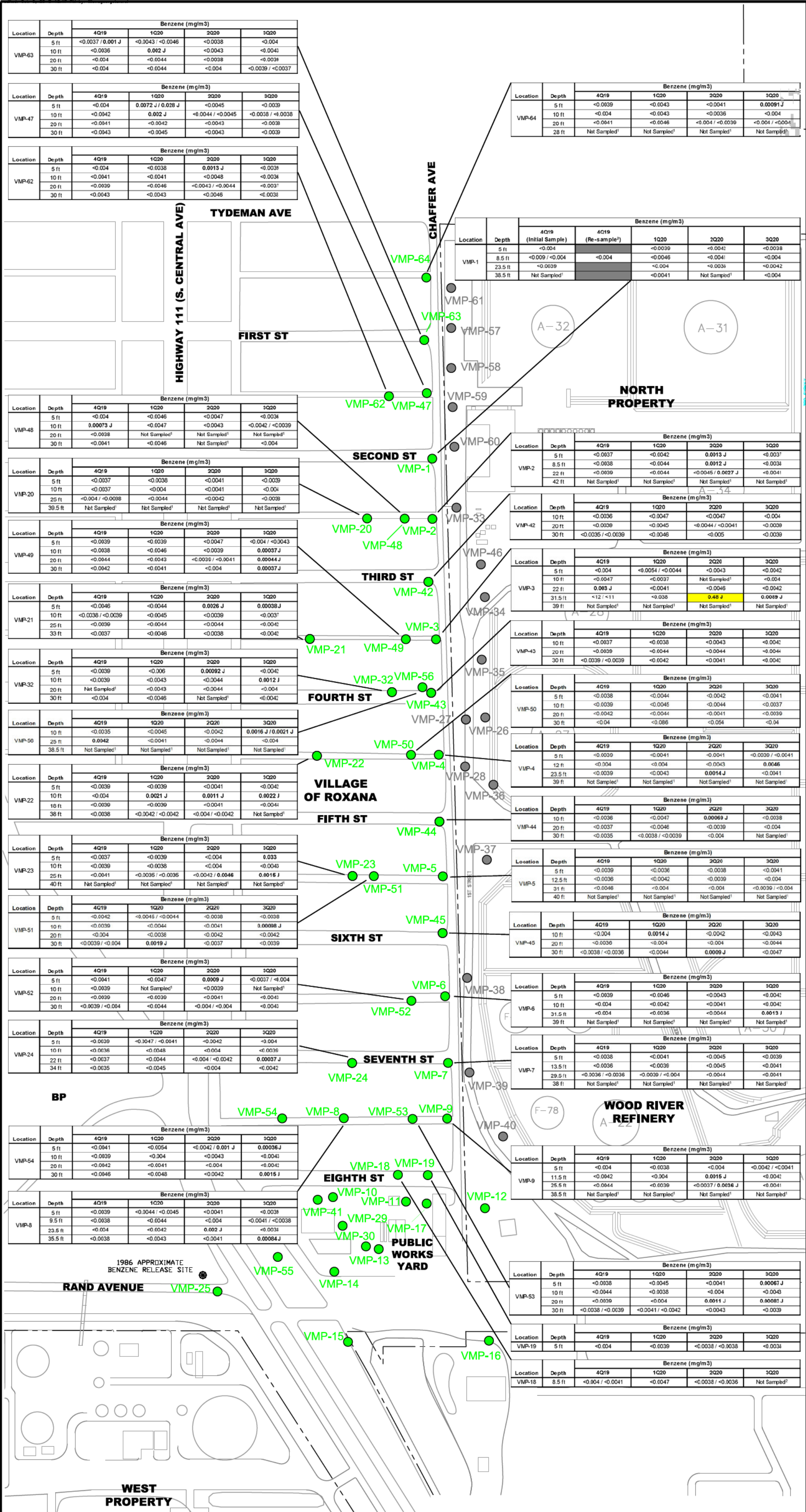
- NOTES:**
1. COMPREHENSIVE GROUNDWATER ELEVATIONS WERE MEASURED JULY 6-8, 2020. P-66 AND MW-14 WERE MEASURED ON JULY 13, 2020.
 2. CONTOUR LINES PRIMARILY GENERATED BY SURFER VERSION 14 MODELING OF GROUNDWATER ELEVATIONS. SOME INTERPRETATION WAS DONE UTILIZING PROFESSIONAL JUDGMENT AND CONTOUR LINES 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.



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AECOM		
DRN. BY:gds October 2020 DSGN. BY:gds CHKD. BY:smf	3Q20 Vapor Port Screen Comparison to Groundwater Elevation	FIG. NO. 4



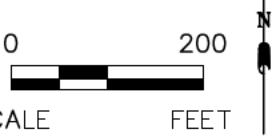


NOTES:

1. Not Sampled¹ = VMP SCREEN SUBMERGED BELOW WATER TABLE OR A TEMPORARY WATER CONDITION. NO SAMPLE COLLECTED.
2. Not Sampled³ = UNABLE TO ACCESS DUE TO VEHICLE PARKED ON WELL VAULT.
3. J = RESULT IS ESTIMATED
< = NOT DETECTED AT INDICATED REPORTING LIMIT.
DETECTED RESULTS AND ESTIMATED RESULTS ARE BOLD.
4. MULTIPLE RESULTS (e.g., 440/410) INDICATE DUPLICATE SAMPLES.

LEGEND

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



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AECOM	
DRN. BY: gds October 2020 DSGN. BY: djd CHKD. BY: smf	3Q20 Summary of Benzene Soil Vapor Analytical Results - Village of Roxana
	FIG. NO. 5

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 SAMPLED¹ = VMP SCREEN SUBMERGED BELOW WATER TABLE OR A TEMPORARY WATER CONDITION. NO SAMPLE COLLECTED.
2. NOT SAMPLED² = 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.

**HIGHWAY 111
(S. CENTRAL AVE)**

CHAFFER AVE

Location	Depth	Benzene (mg/m ³)			
		4Q19	1Q20	2Q20	3Q20
VMP-11	5 ft	<0.0038	<0.0045	0.26	Not Sampled ¹
	8 ft	<0.004	<0.0043	<0.0039	<0.004 / <0.0039
	29 ft	<0.0043	<0.0045	<0.0042 / 0.03	<0.004
	38 ft	<0.0038	<0.0044	<0.0038	<0.0039

BP

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

Location	Depth	Benzene (mg/m ³)			
		4Q19	1Q20	2Q20	3Q20
VMP-41	10 ft	<0.004	<0.0041	<0.0038	<0.0043 / <0.0044
	20 ft	<0.004	<0.0043	0.0013 J	<0.0042
	26 ft	Not Sampled ¹	<0.0047 / <0.0045	<0.0045	Not Sampled ¹

Location	Depth	Benzene (mg/m ³)			
		4Q19	1Q20	2Q20	3Q20
VMP-29	10 ft	<0.0042	0.0051	<0.0037	<0.0039
	18 ft	0.0012 J	<0.0048	<0.0036	0.007
	26 ft	<0.0043	<0.0046	<0.0039 / <0.0039	0.016
	40 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹

Location	Depth	Benzene (mg/m ³)			
		4Q19	1Q20	2Q20	3Q20
VMP-30	10 ft	<0.004	0.015	<0.0038	<0.0038
	18 ft	0.0032 J	0.0027 J	0.0016 J	0.007 J
	26 ft	0.0065 / 0.067	0.0073	0.0024 J	0.0012 J
	40 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹

1986 APPROXIMATE BENZENE RELEASE SITE

RAND AVENUE

Location	Depth	Benzene (mg/m ³)			
		4Q19	1Q20	2Q20	3Q20
VMP-25	5 ft	<0.004 / <0.004	0.0015 J / <0.004	0.0085 / 0.0083	<0.0041 / <0.0041
	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

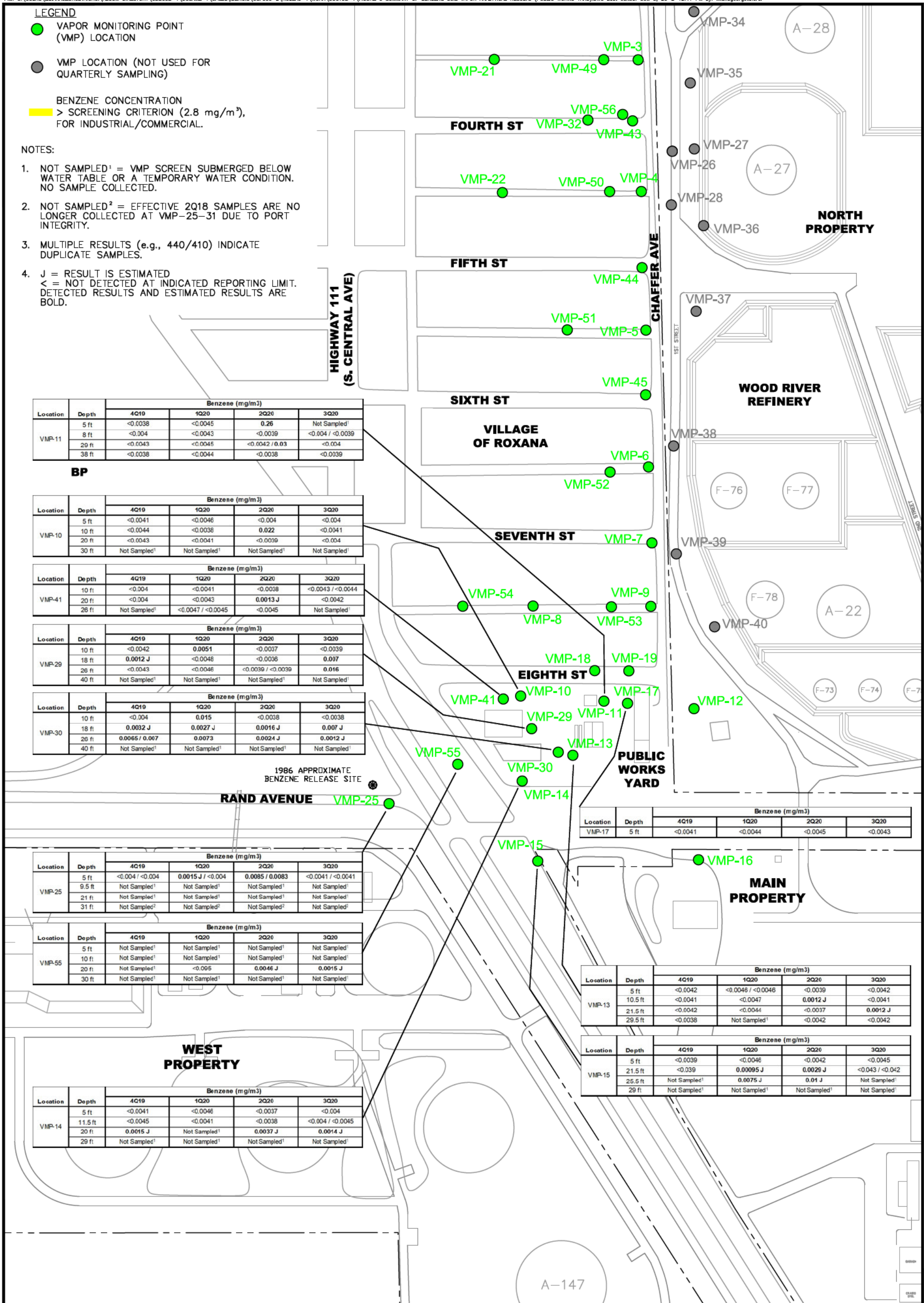
Location	Depth	Benzene (mg/m ³)			
		4Q19	1Q20	2Q20	3Q20
VMP-55	5 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹
	10 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹
	20 ft	Not Sampled ¹	<0.005	0.0046 J	0.0015 J
	30 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹

Location	Depth	Benzene (mg/m ³)			
		4Q19	1Q20	2Q20	3Q20
VMP-14	5 ft	<0.0041	<0.0046	<0.0037	<0.004
	11.5 ft	<0.0045	<0.0041	<0.0038	<0.004 / <0.0045
	20 ft	0.0015 J	Not Sampled ¹	0.0037 J	0.0014 J
	29 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹

Location	Depth	Benzene (mg/m ³)			
		4Q19	1Q20	2Q20	3Q20
VMP-17	5 ft	<0.0041	<0.0044	<0.0045	<0.0043

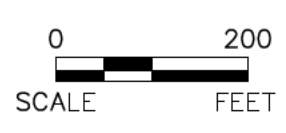
Location	Depth	Benzene (mg/m ³)			
		4Q19	1Q20	2Q20	3Q20
VMP-13	5 ft	<0.0042	<0.0046 / <0.0046	<0.0039	<0.0042
	10.5 ft	<0.0041	<0.0047	0.0012 J	<0.0041
	21.5 ft	<0.0042	<0.0044	<0.0037	0.0012 J
	29.5 ft	<0.0038	Not Sampled ¹	<0.0042	<0.0042

Location	Depth	Benzene (mg/m ³)			
		4Q19	1Q20	2Q20	3Q20
VMP-15	5 ft	<0.0039	<0.0046	<0.0042	<0.0045
	21.5 ft	<0.039	0.00095 J	0.0029 J	<0.0043 / <0.0042
	25.5 ft	Not Sampled ¹	0.0075 J	0.01 J	Not Sampled ¹
	29 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹



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PROJECT NO.
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DRN. BY: gds October 2020
 DSGN. BY: djd
 CHKD. BY: smf

3Q20 Summary of Benzene Soil Vapor Analytical Results—
 Roxana Public Works Yard Area

FIG. NO.
 6

File: C:\USERS\JLIAN\BETA\GEO\MECOM_DIRECTORY\GDS_SERVICES - GIS CAD_PROJECTS\GDS_AMERICAS\SHELL\INDUSTRIAL\ROXANA_3Q20_SV-SVE_BPT\WORK\FIGURE 7 SUMMARY OF BENZENE SOIL VAPOR ANALYTICAL RESULTS (WRR).DWG Last edited: Sep 18, 2020 11:57:11 AM

Location	Depth	Benzene (mg/m ³)			
		4Q19	1Q20	2Q20	3Q20
VMP-12	5 ft	<0.0046 / <0.004	<0.0044	<0.0038	<0.0039
	11.5 ft	<0.0039	<0.0039	<0.0037	0.0012 J
	25 ft	<0.004	<0.0041 / 0.0014 J	<0.0036	2.1 / 2.1
	39 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹

Location	Depth	Benzene (mg/m ³)			
		4Q19	1Q20	2Q20	3Q20
VMP-16	5 ft	<0.0044	<0.004 / <0.0039	<0.0035	0.0012 J
	13.5 ft	<0.54	<0.51	0.54 J	1.8 J
	19 ft	<2	<0.99	1.4 J	<5.5
	31 ft	<2.1	<0.99	1.8 J	<10

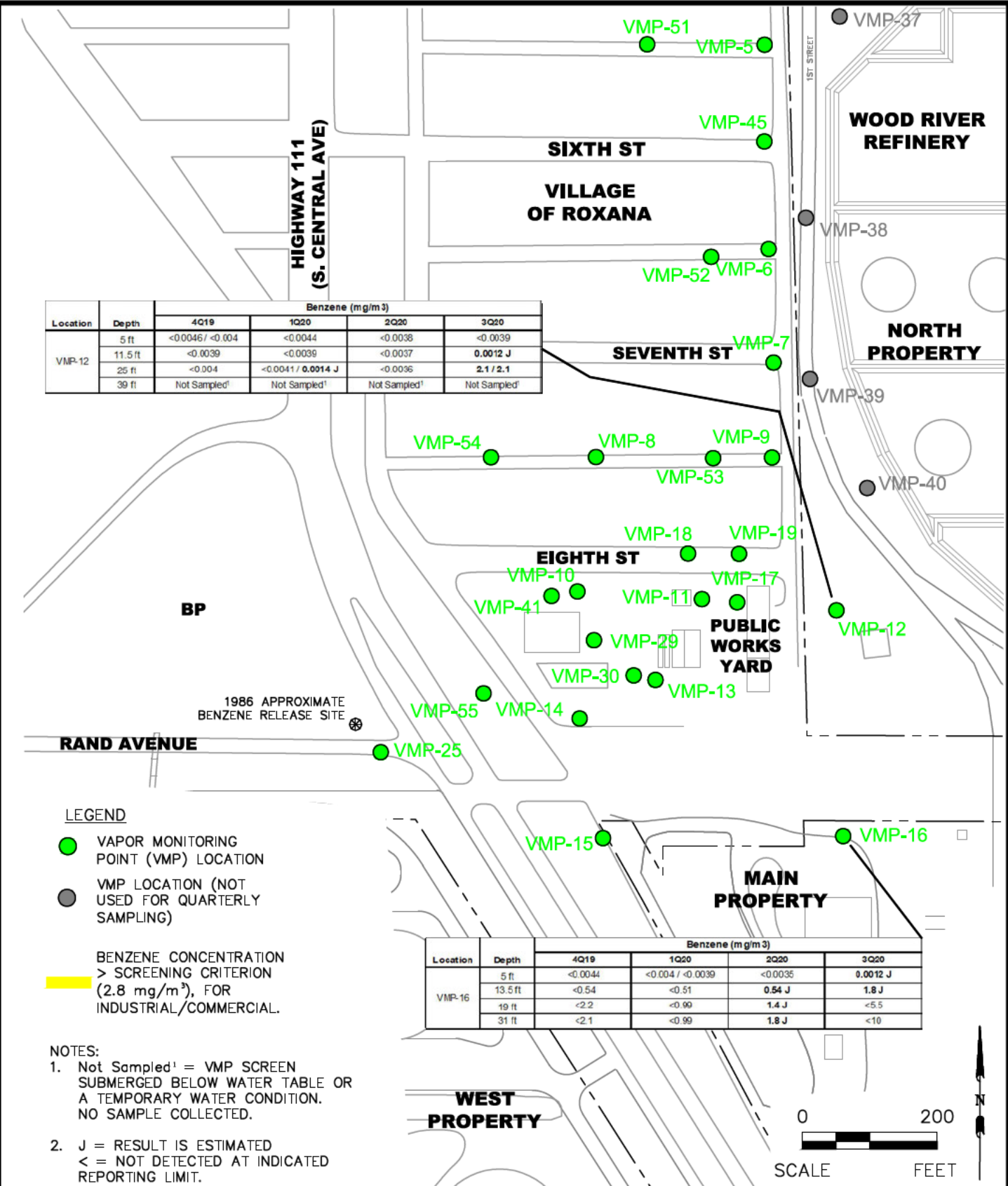
LEGEND

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

BENZENE CONCENTRATION > SCREENING CRITERION (2.8 mg/m³), FOR INDUSTRIAL/COMMERCIAL.

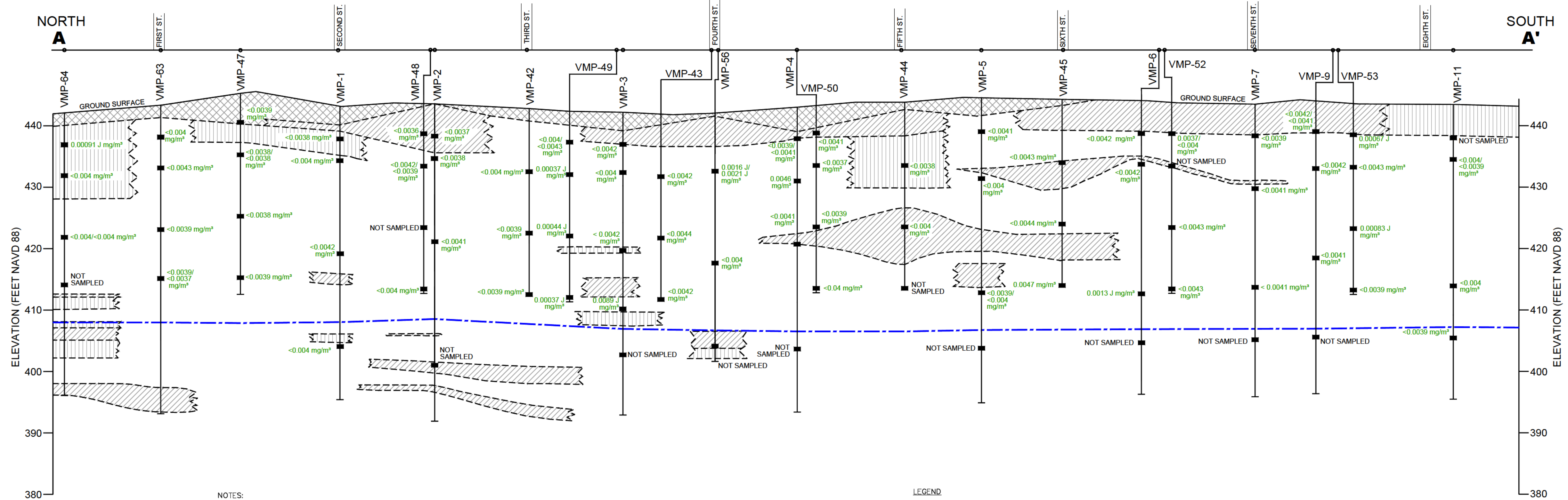
NOTES:

1. Not Sampled¹ = 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.



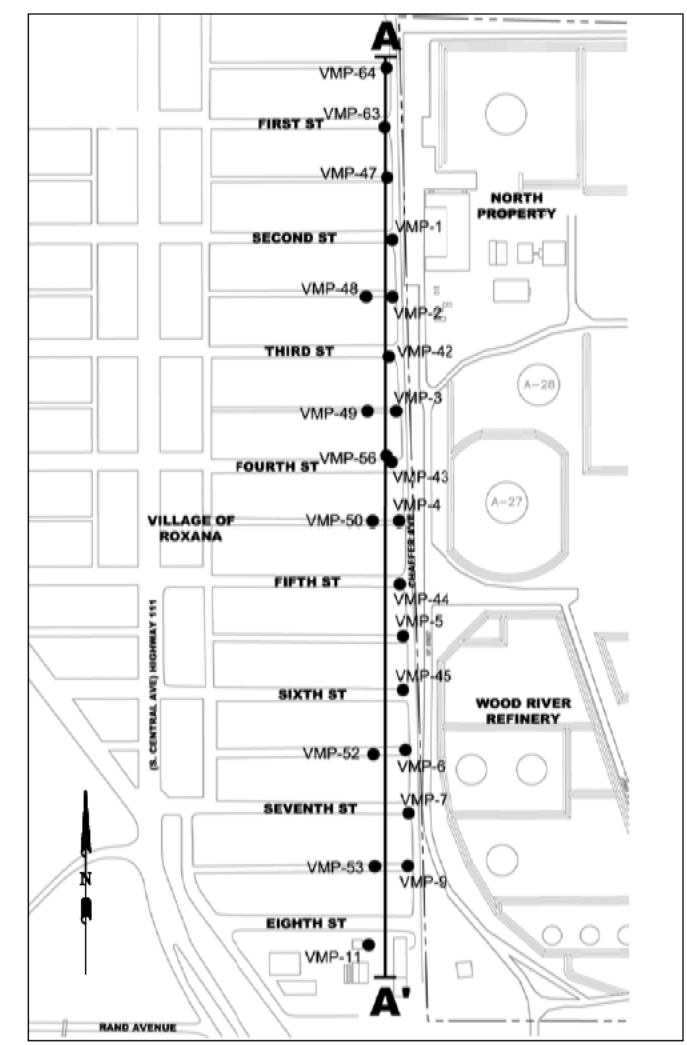
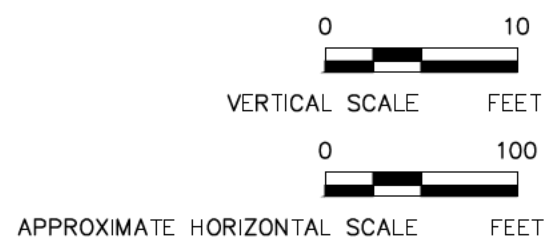
EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 60619901
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- NOTES:
- SOIL VAPOR BENZENE CONCENTRATIONS FROM THE 3Q20 SAMPLING EVENT ARE DEPICTED IN GREEN. VALUES DEPICTED IN ORANGE EXCEED BENZENE SCREENING CRITERION (0.37 mg/m FOR VMP 1-9, 32, AND 42-45, 47-50, 52, 53, 56, 63, AND 64 [RESIDENTIAL] AND 2.8 mg/m FOR VMP-11 [COMMERCIAL/INDUSTRIAL]).
 - GROUNDWATER ELEVATIONS SHOWN ON THIS CROSS-SECTION ARE BASED ON GROUNDWATER GAUGING DATA COLLECTED JULY 6-8, 2020.
 - 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.
 - CROSS-SECTION TRACE LINE SHOWS DISTANCE AND DIRECTION EACH POINT WAS PROJECTED TO CONSTRUCT THIS CROSS-SECTION.
 - 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
 - [Cross-hatched pattern] FILL PROJECTED BETWEEN POINTS (INCLUDES CINDERS, GRAVEL, CLAY, AND/OR SILTY CLAY)
 - [Diagonal hatched pattern] CLAY PROJECTED BETWEEN POINTS (INCLUDES SILTY CLAY AND SANDY CLAY)
 - [Horizontal hatched pattern] SILT PROJECTED BETWEEN POINTS (INCLUDES SANDY SILT AND CLAYEY SILT)
 - [Vertical hatched pattern] SAND PROJECTED BETWEEN POINTS (INCLUDES SILTY SAND AND CLAYEY SAND)
 - - - - POTENTIOMETRIC SURFACE - ESTIMATED



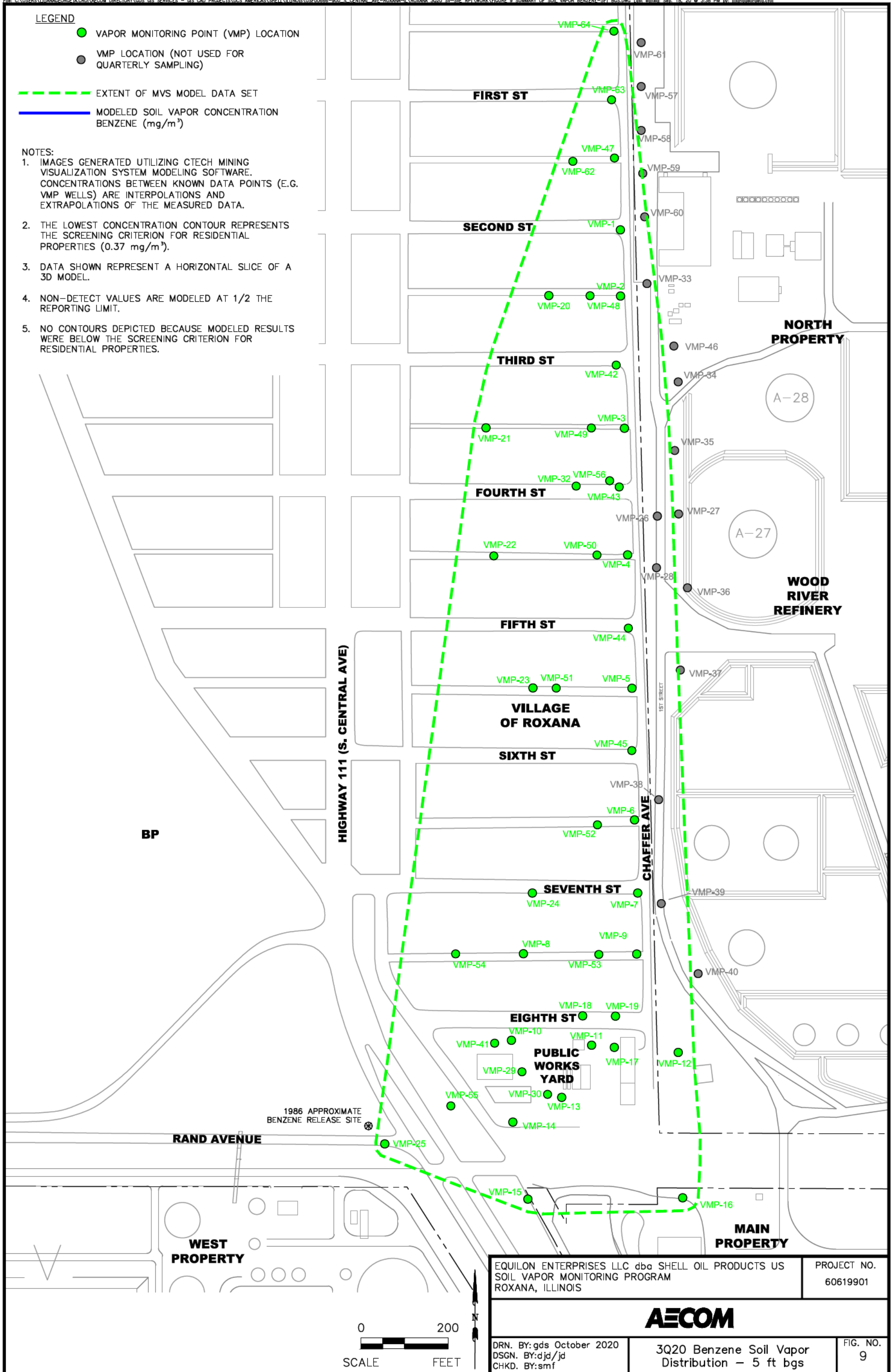
EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 60619901
AECOM		
DRN. BY: gds October 2020 DSGN. BY: djd CHKD. BY: smf	3Q20 Cross-Section with Benzene Soil Vapor Analytical Results - Chaffer Avenue	FIG. NO. 8

LEGEND

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

NOTES:

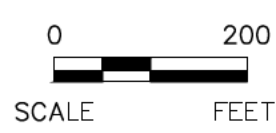
1. IMAGES GENERATED UTILIZING CTECH MINING VISUALIZATION SYSTEM MODELING SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF THE MEASURED DATA.
2. THE LOWEST CONCENTRATION CONTOUR REPRESENTS THE SCREENING CRITERION FOR RESIDENTIAL PROPERTIES (0.37 mg/m³).
3. DATA SHOWN REPRESENT A HORIZONTAL SLICE OF A 3D MODEL.
4. NON-DETECT VALUES ARE MODELED AT 1/2 THE REPORTING LIMIT.
5. NO CONTOURS DEPICTED BECAUSE MODELED RESULTS WERE BELOW THE SCREENING CRITERION FOR RESIDENTIAL PROPERTIES.



EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 60619901
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DRN. BY: gds October 2020 DSGN. BY: djd/jd CHKD. BY: smf	3Q20 Benzene Soil Vapor Distribution - 5 ft bgs	FIG. NO. 9
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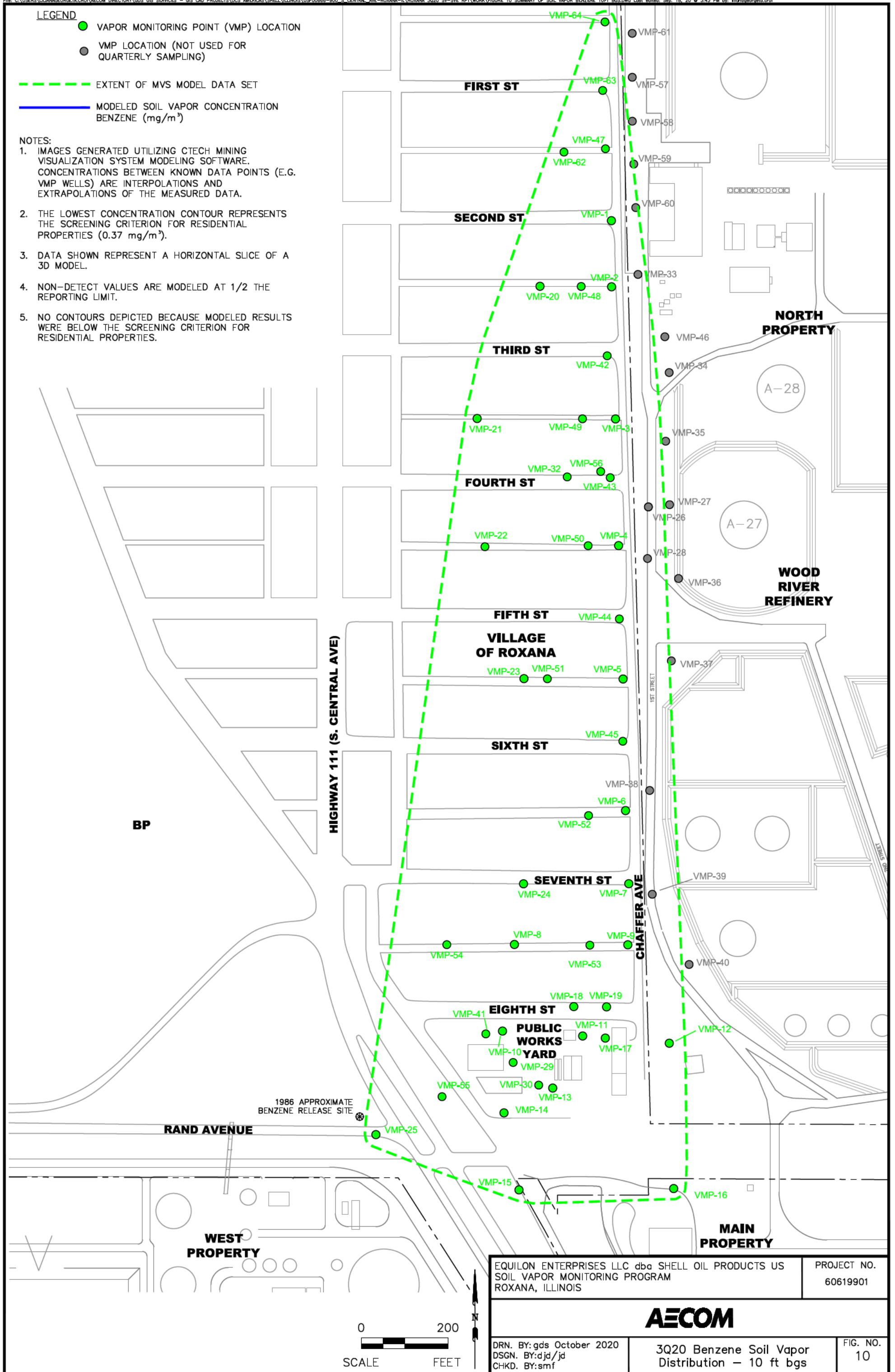


LEGEND

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

NOTES:

1. IMAGES GENERATED UTILIZING CTECH MINING VISUALIZATION SYSTEM MODELING SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF THE MEASURED DATA.
2. THE LOWEST CONCENTRATION CONTOUR REPRESENTS THE SCREENING CRITERION FOR RESIDENTIAL PROPERTIES (0.37 mg/m³).
3. DATA SHOWN REPRESENT A HORIZONTAL SLICE OF A 3D MODEL.
4. NON-DETECT VALUES ARE MODELED AT 1/2 THE REPORTING LIMIT.
5. NO CONTOURS DEPICTED BECAUSE MODELED RESULTS WERE BELOW THE SCREENING CRITERION FOR RESIDENTIAL PROPERTIES.



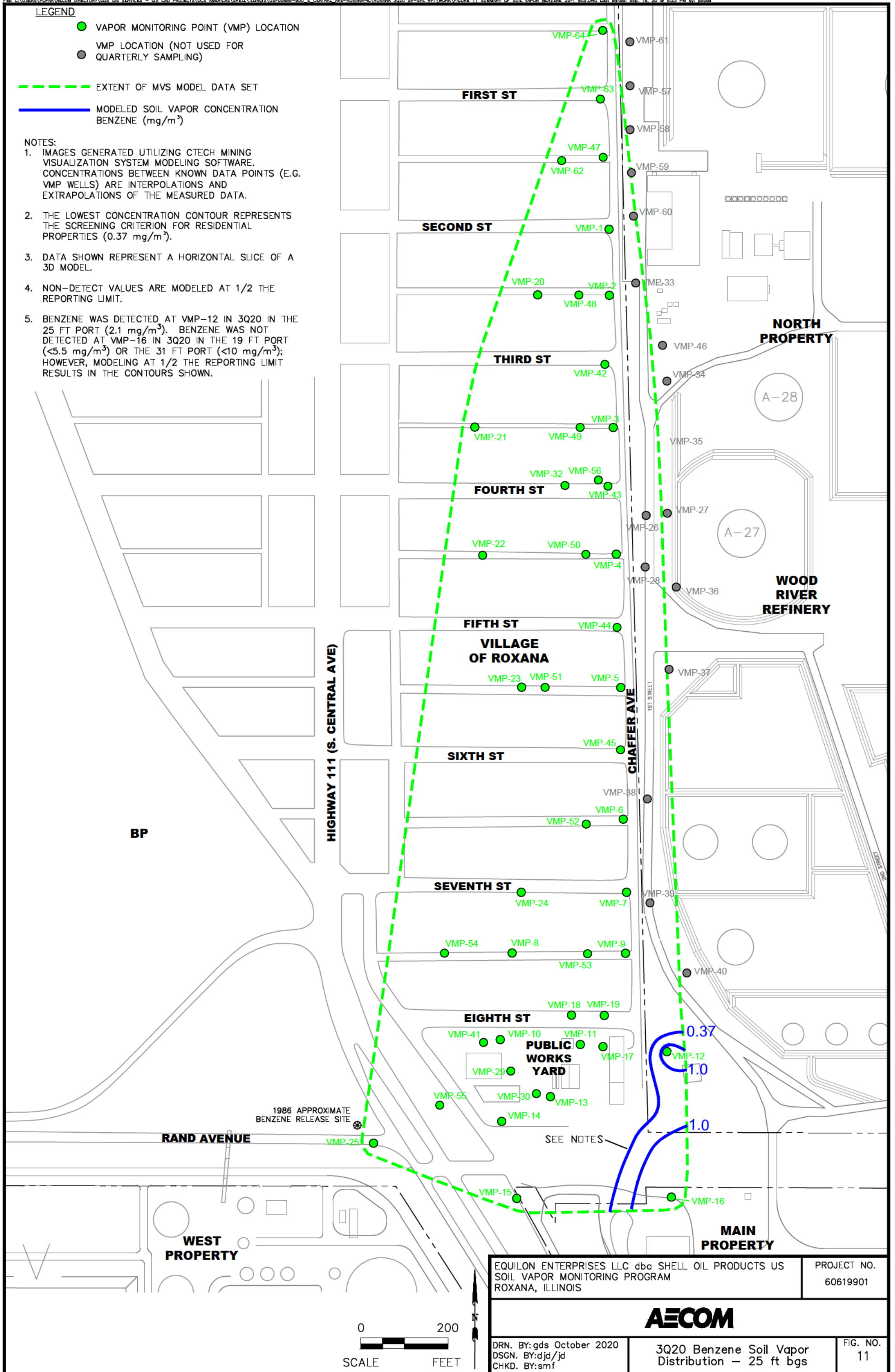
EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 60619901
<h2 style="margin: 0;">AECOM</h2>		
DRN. BY: gds October 2020 DSGN. BY: djd/jd CHKD. BY: smf	3Q20 Benzene Soil Vapor Distribution - 10 ft bgs	FIG. NO. 10

LEGEND

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

NOTES:

1. IMAGES GENERATED UTILIZING CTECH MINING VISUALIZATION SYSTEM MODELING SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF THE MEASURED DATA.
2. THE LOWEST CONCENTRATION CONTOUR REPRESENTS THE SCREENING CRITERION FOR RESIDENTIAL PROPERTIES (0.37 mg/m³).
3. DATA SHOWN REPRESENT A HORIZONTAL SLICE OF A 3D MODEL.
4. NON-DETECT VALUES ARE MODELED AT 1/2 THE REPORTING LIMIT.
5. BENZENE WAS DETECTED AT VMP-12 IN 3Q20 IN THE 25 FT PORT (2.1 mg/m³). BENZENE WAS NOT DETECTED AT VMP-16 IN 3Q20 IN THE 19 FT PORT (<5.5 mg/m³) OR THE 31 FT PORT (<10 mg/m³); HOWEVER, MODELING AT 1/2 THE REPORTING LIMIT RESULTS IN THE CONTOURS SHOWN.



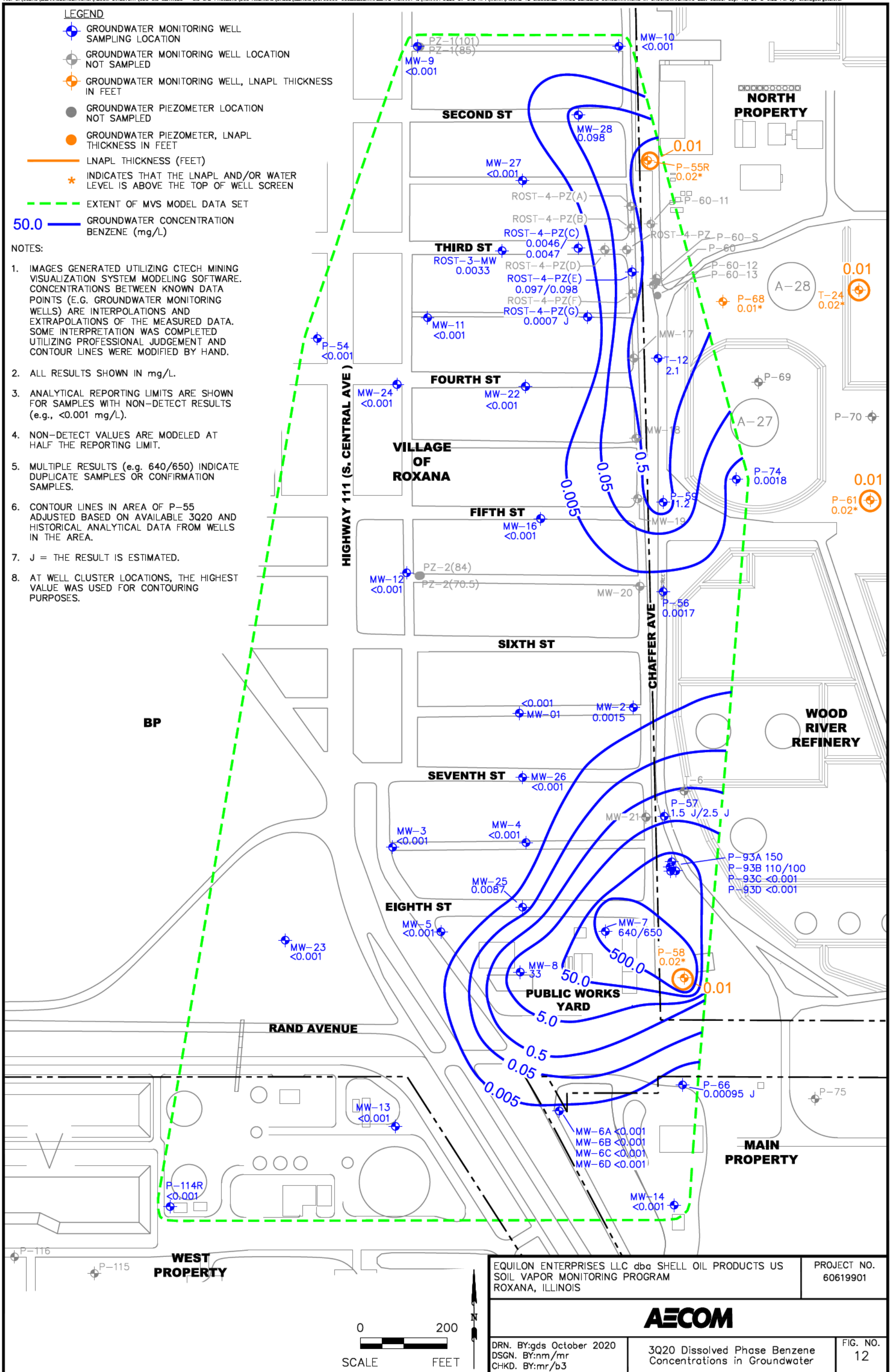
EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 60619901
AECOM		
DRN. BY: gds October 2020 DSGN. BY: djd/jd CHKD. BY: smf	3Q20 Benzene Soil Vapor Distribution - 25 ft bgs	FIG. NO. 11

LEGEND

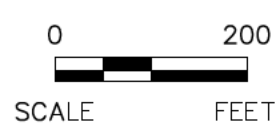
- GROUNDWATER MONITORING WELL SAMPLING LOCATION
- GROUNDWATER MONITORING WELL LOCATION NOT SAMPLED
- GROUNDWATER MONITORING WELL, LNAPL THICKNESS IN FEET
- GROUNDWATER PIEZOMETER LOCATION NOT SAMPLED
- GROUNDWATER PIEZOMETER, LNAPL THICKNESS IN FEET
- LNAPL THICKNESS (FEET)
- INDICATES THAT THE LNAPL 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. 640/650) INDICATE DUPLICATE SAMPLES OR CONFIRMATION SAMPLES.
6. CONTOUR LINES IN AREA OF P-55 ADJUSTED BASED ON AVAILABLE 3Q20 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
DRN. BY:gds October 2020 DSGN. BY:nm/mr CHKD. BY:mr/b3	3Q20 Dissolved Phase Benzene Concentrations in Groundwater
FIG. NO. 12	

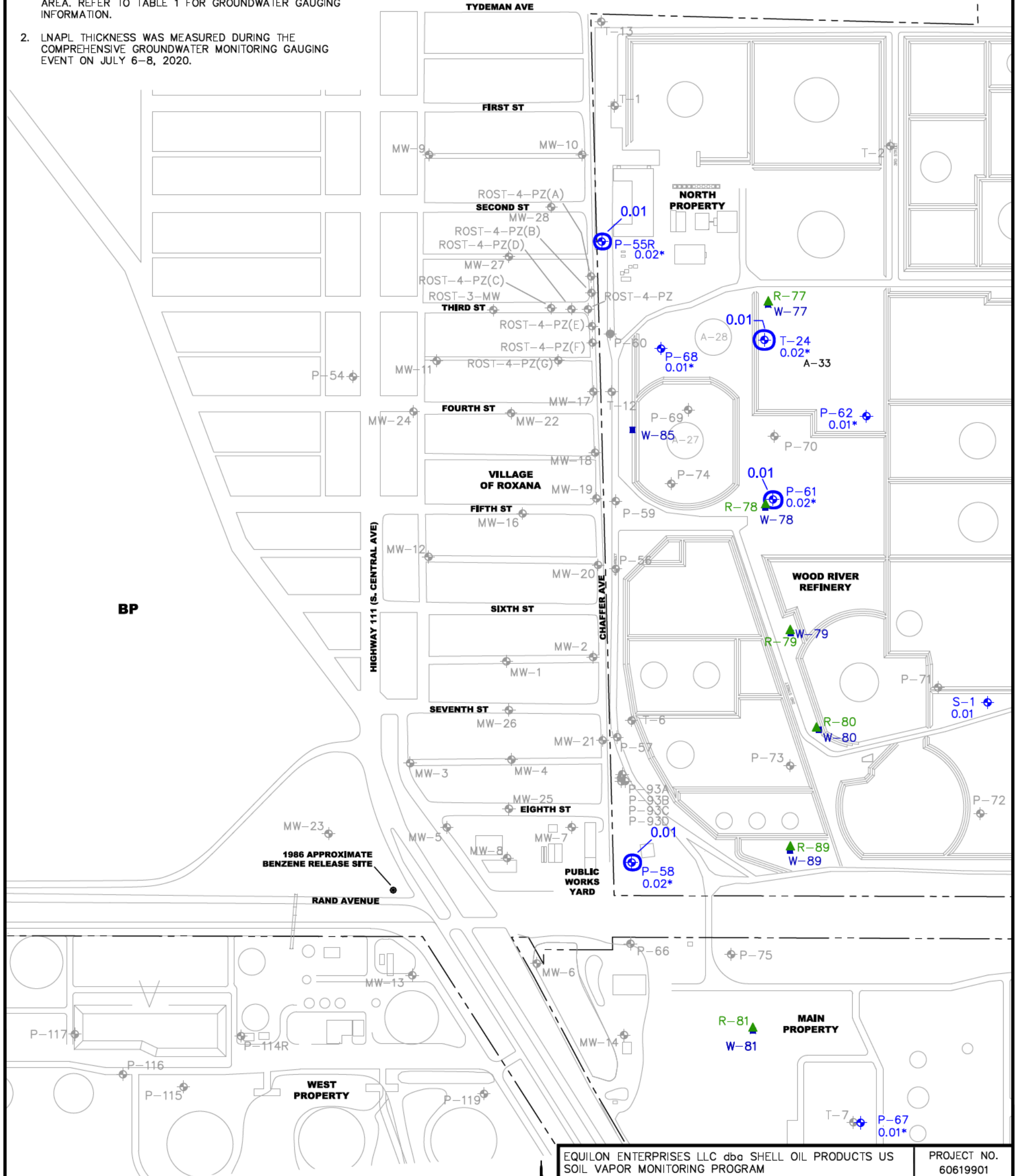


LEGEND

- 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 JULY 6-8, 2020.



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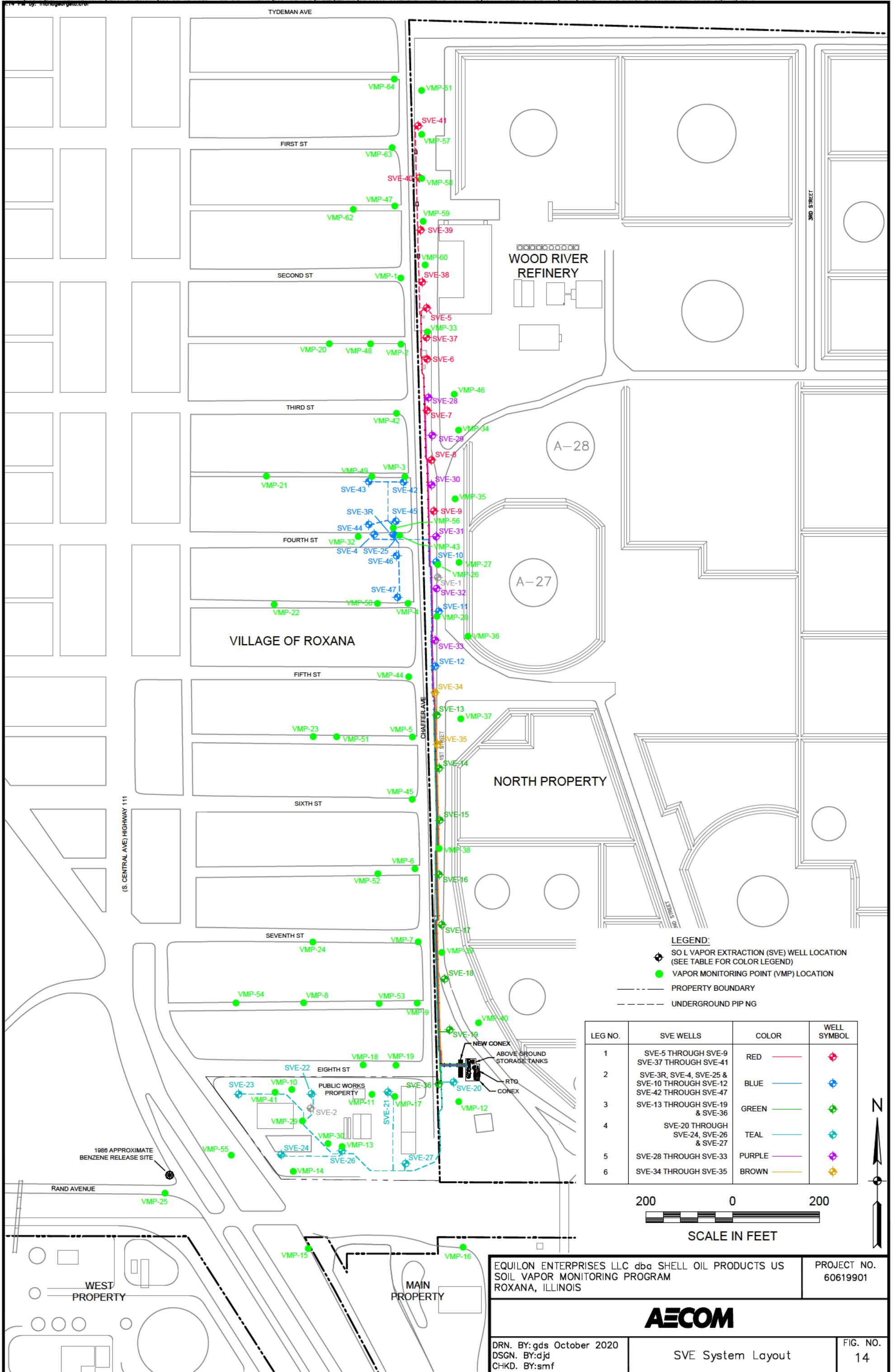
PROJECT NO.
 60619901



DRN. BY: gds October 2020
 DSGN. BY: mr
 CHKD. BY: wmp\b3

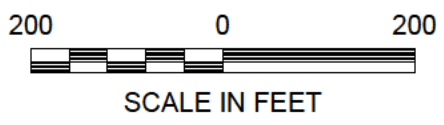
3Q20 Thickness of LNAPL -
 West Fenceline

FIG. NO.
 13



LEGEND:
 ◆ SOIL VAPOR EXTRACTION (SVE) WELL LOCATION (SEE TABLE FOR COLOR LEGEND)
 ● VAPOR MONITORING POINT (VMP) LOCATION
 - - - PROPERTY BOUNDARY
 - - - UNDERGROUND PIPING

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	◆



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AECOM		
DRN. BY: gds October 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.

APPENDIX A SITE BACKGROUND AND REGULATORY HISTORY

- 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.

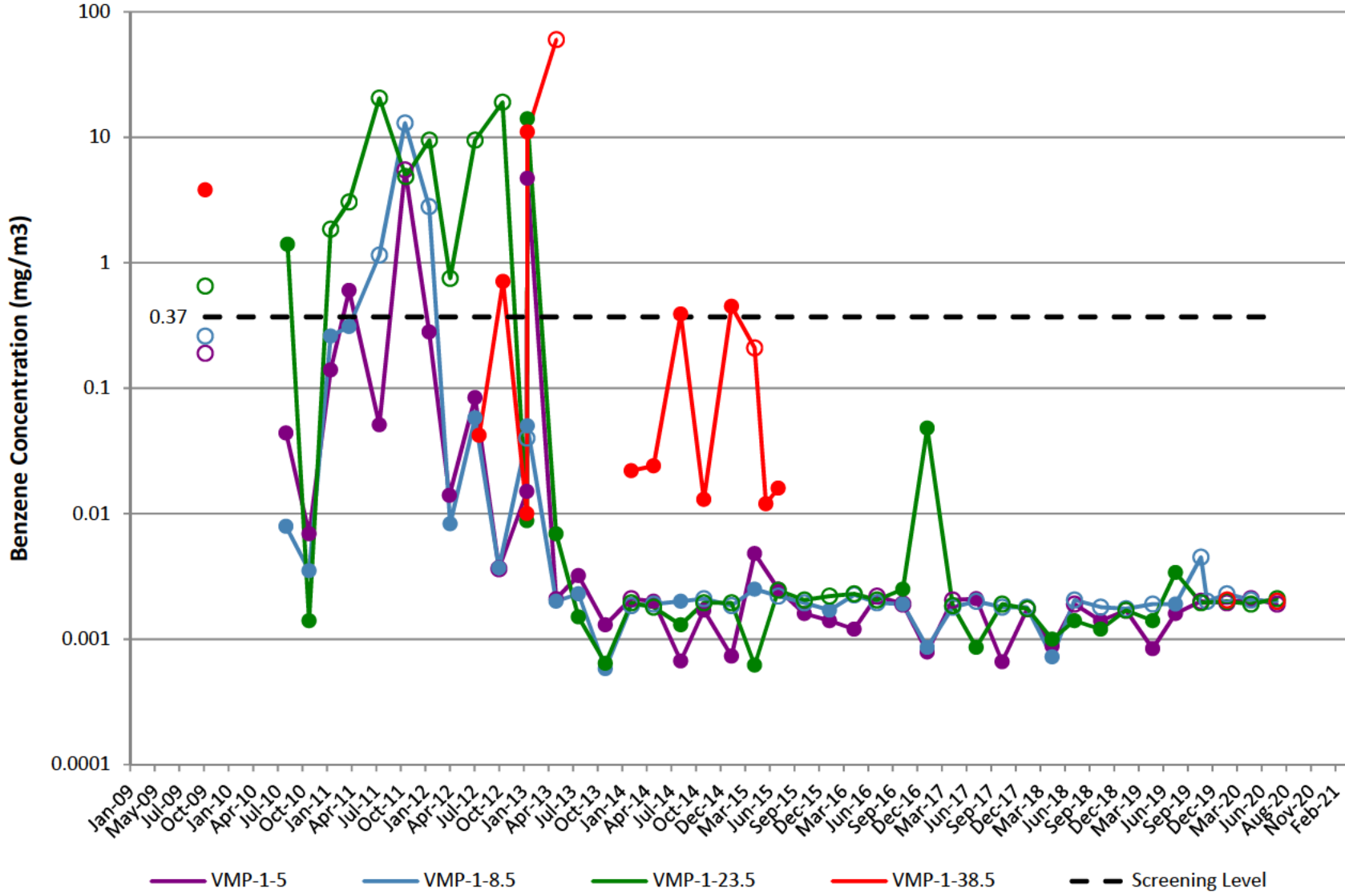
During 3Q13, URS designed an extension to the northernmost extent of the WFL portion of the SVE system. Five additional SVE wells (SVE wells 37 through 41) and six additional VMPs (VMPs 56 through 61) were installed in August 2013 for extension of the red header line, which was completed in October 2013.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

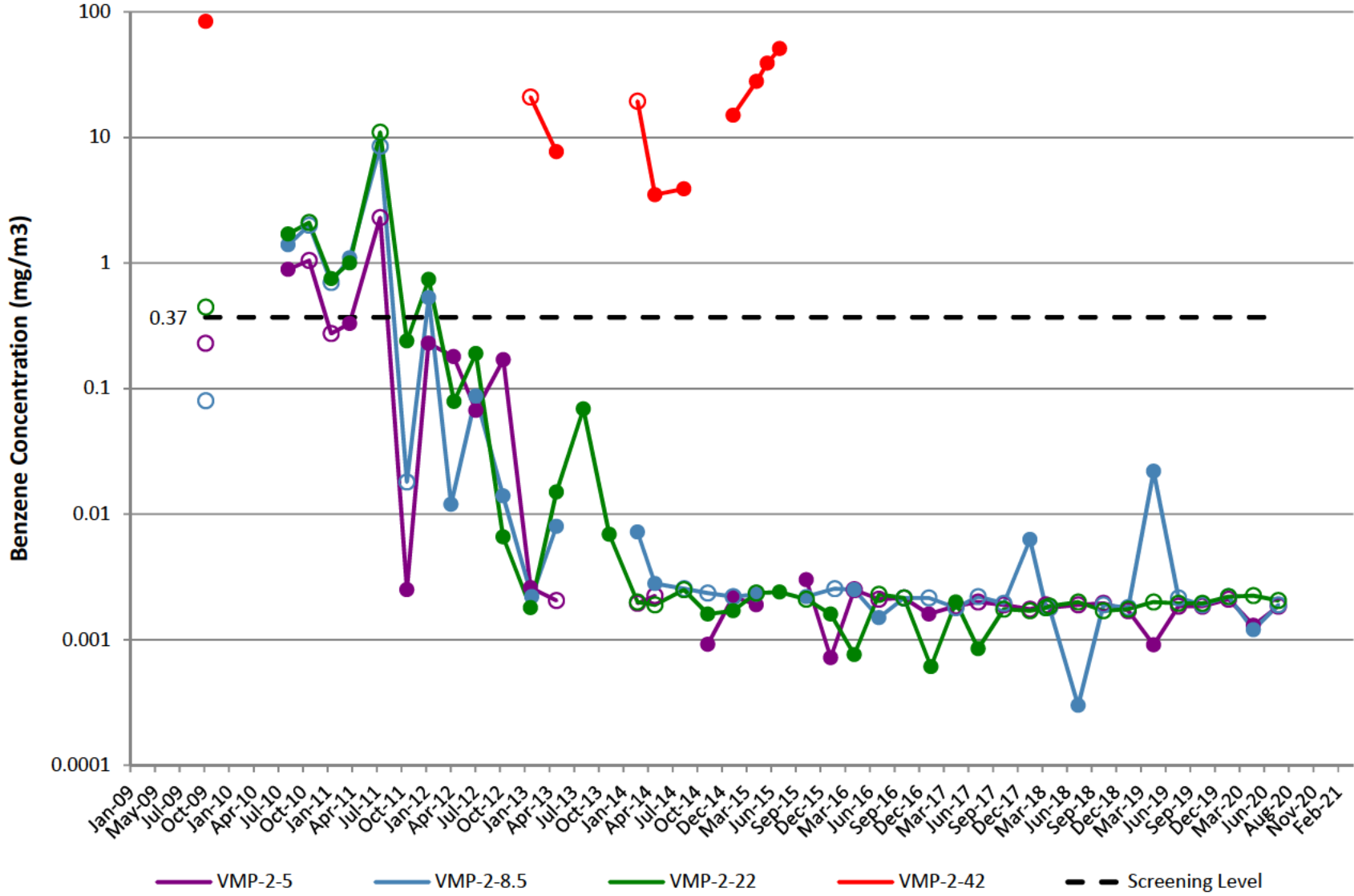
VMP-1

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.



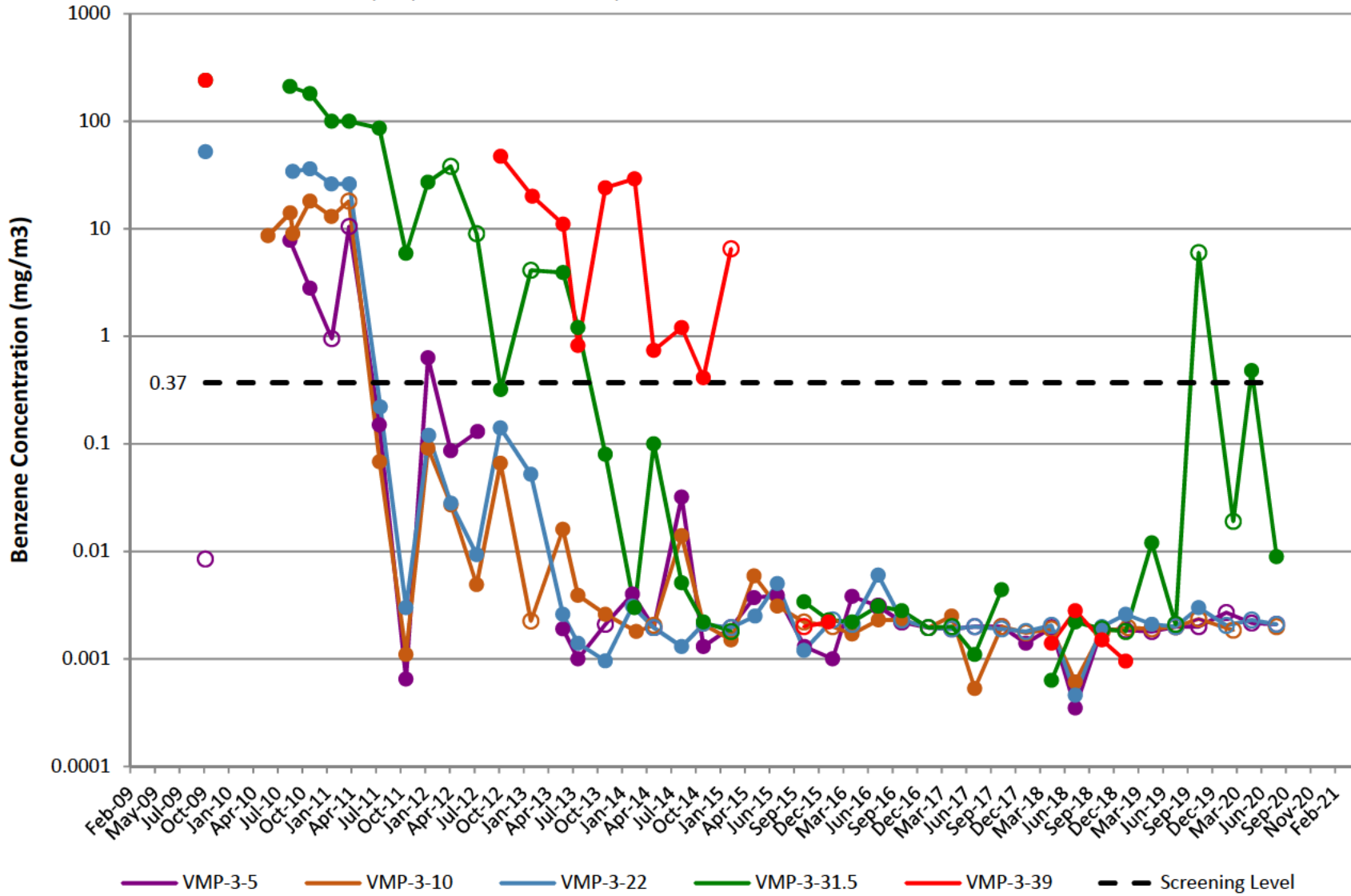
VMP-2

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.



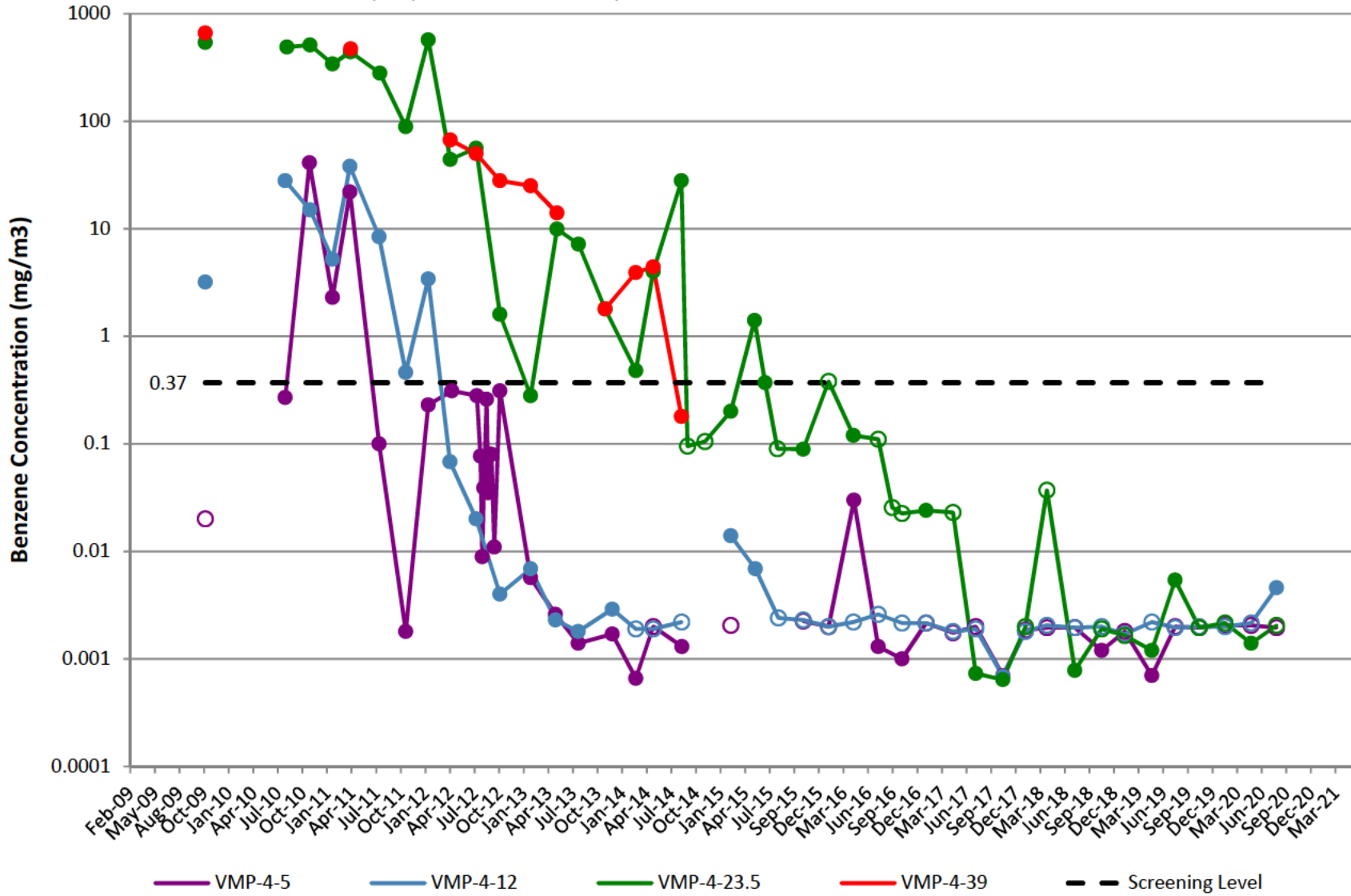
VMP-3

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.



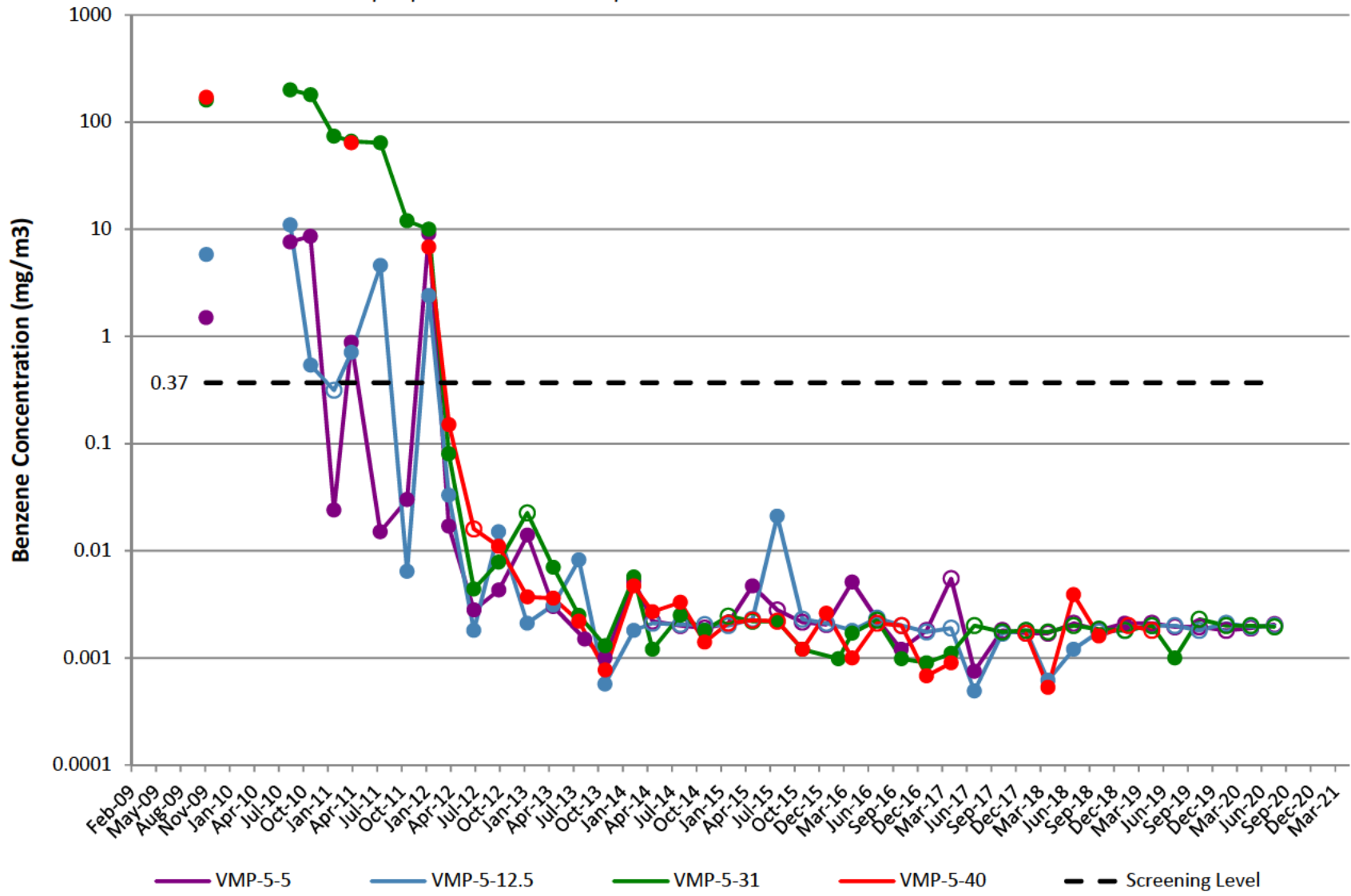
VMP-4

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.



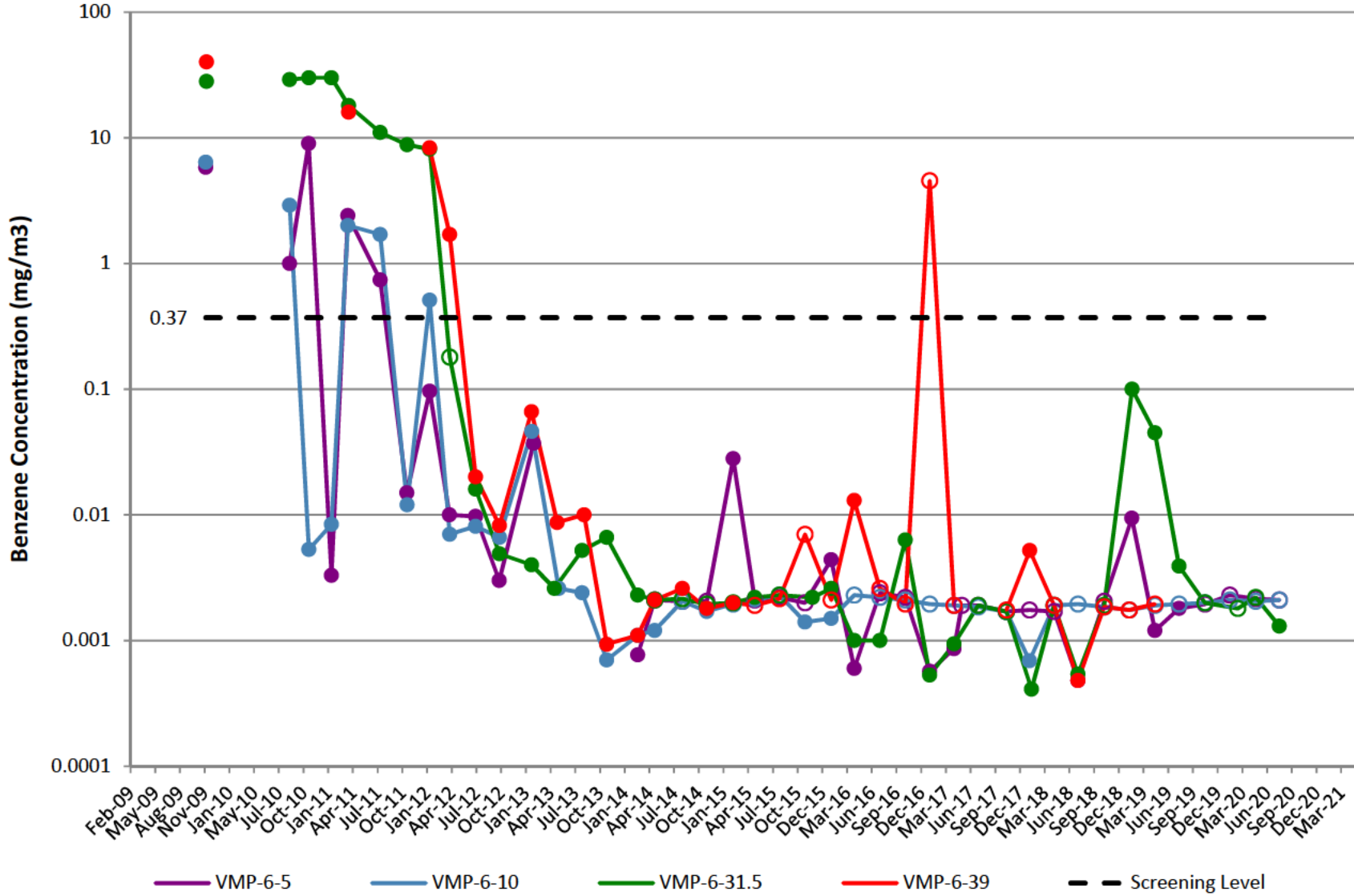
VMP-5

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.



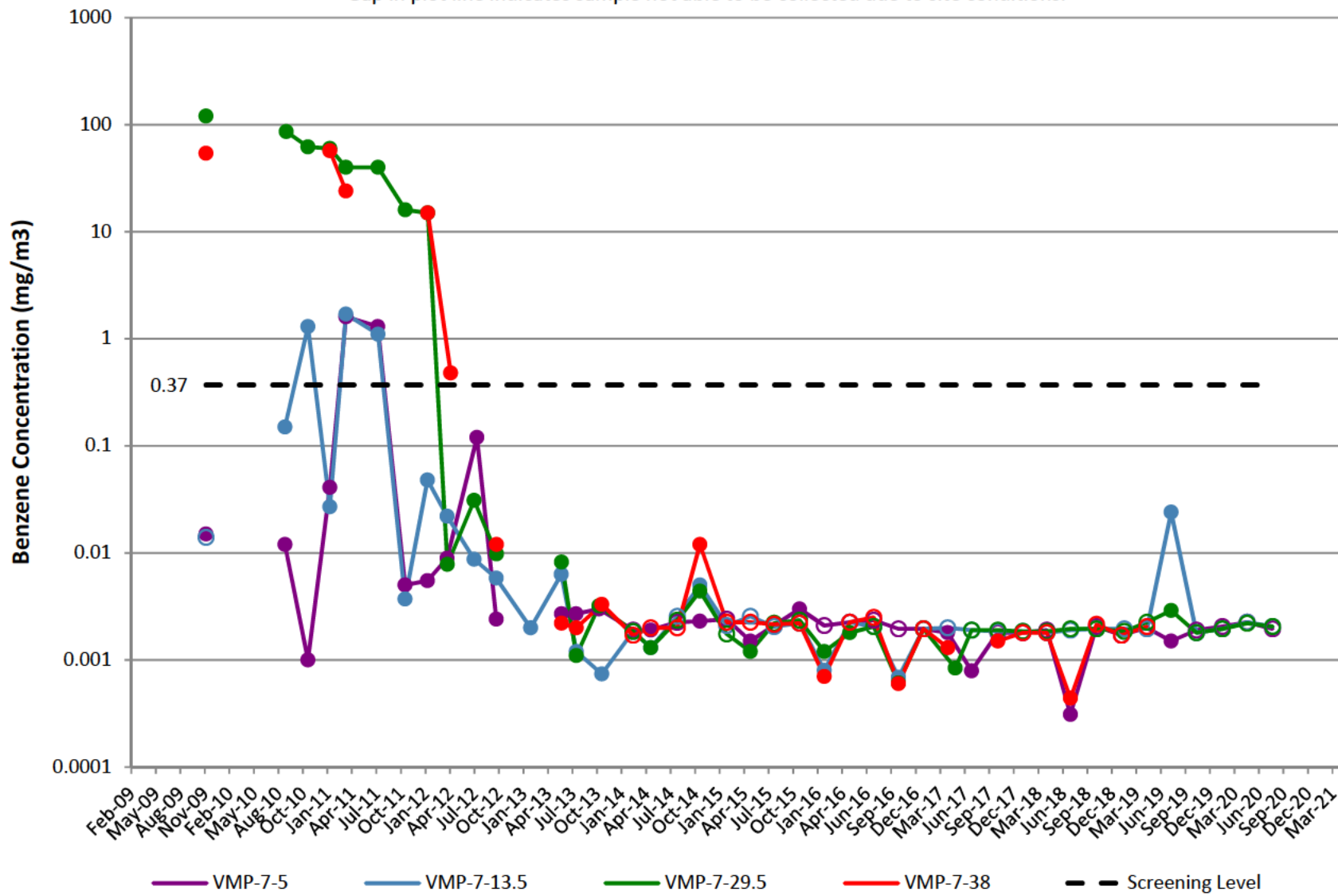
VMP-6

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.



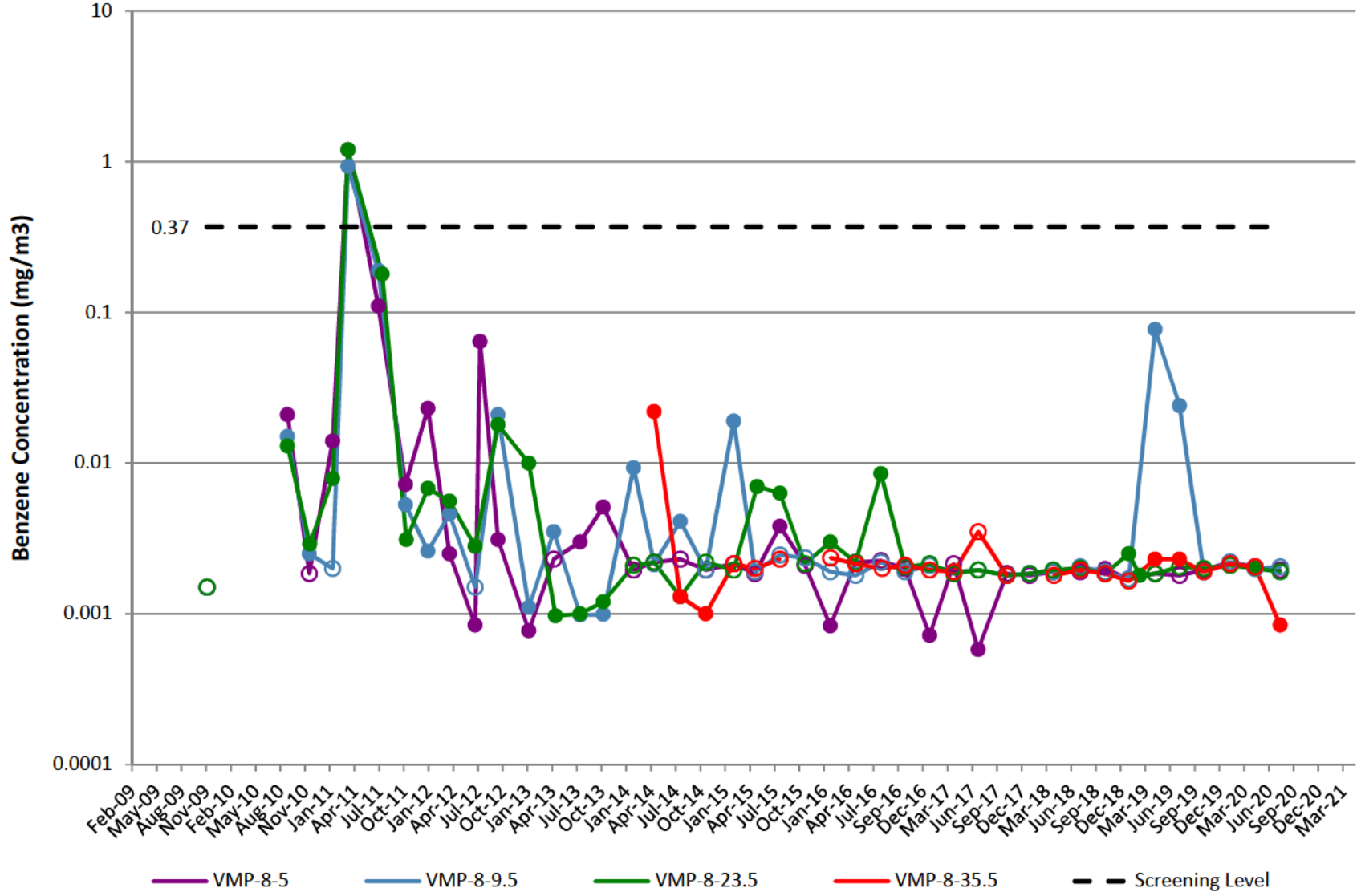
VMP-7

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.



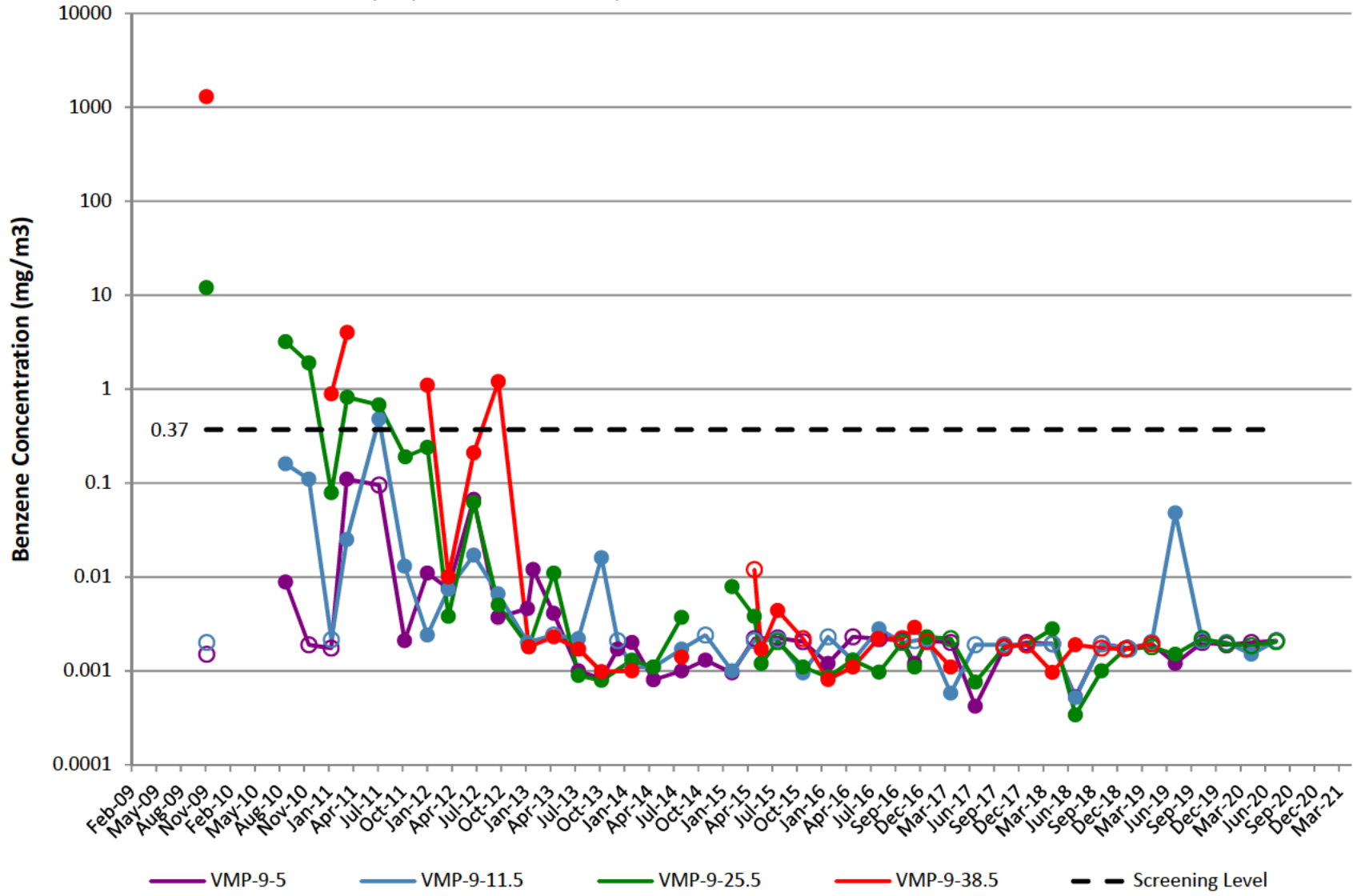
VMP-8

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.



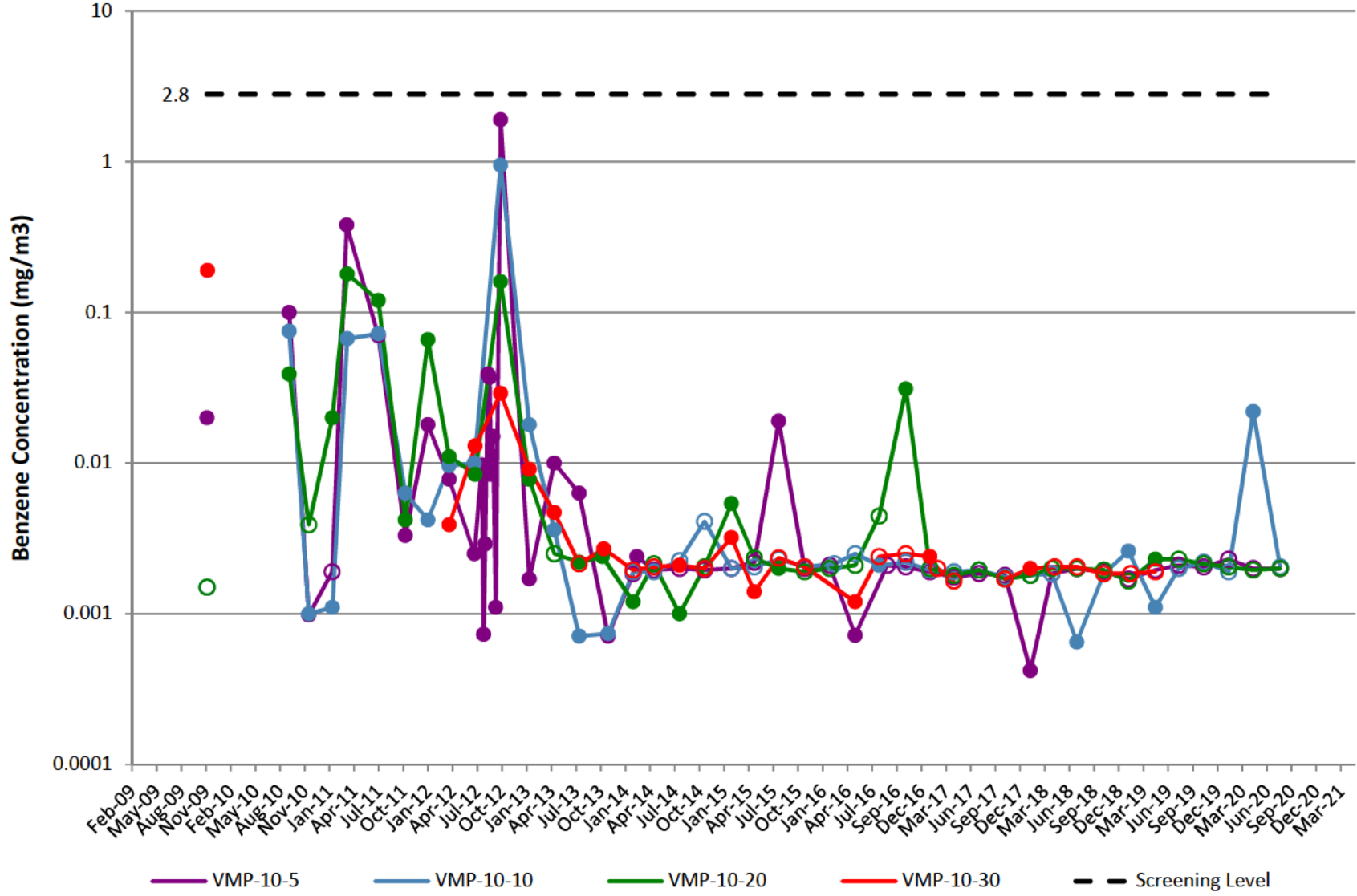
VMP-9

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.



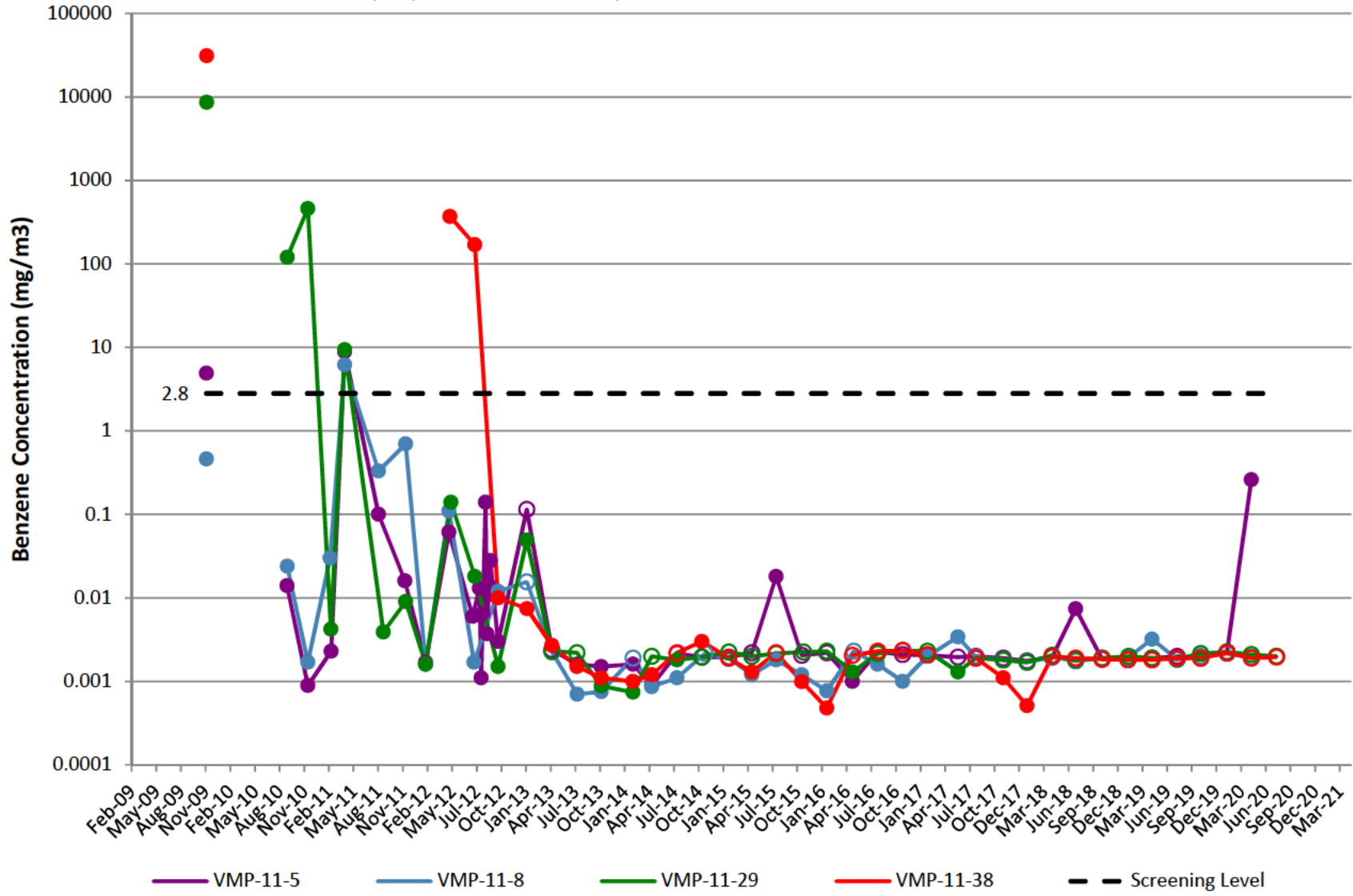
VMP-10

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.



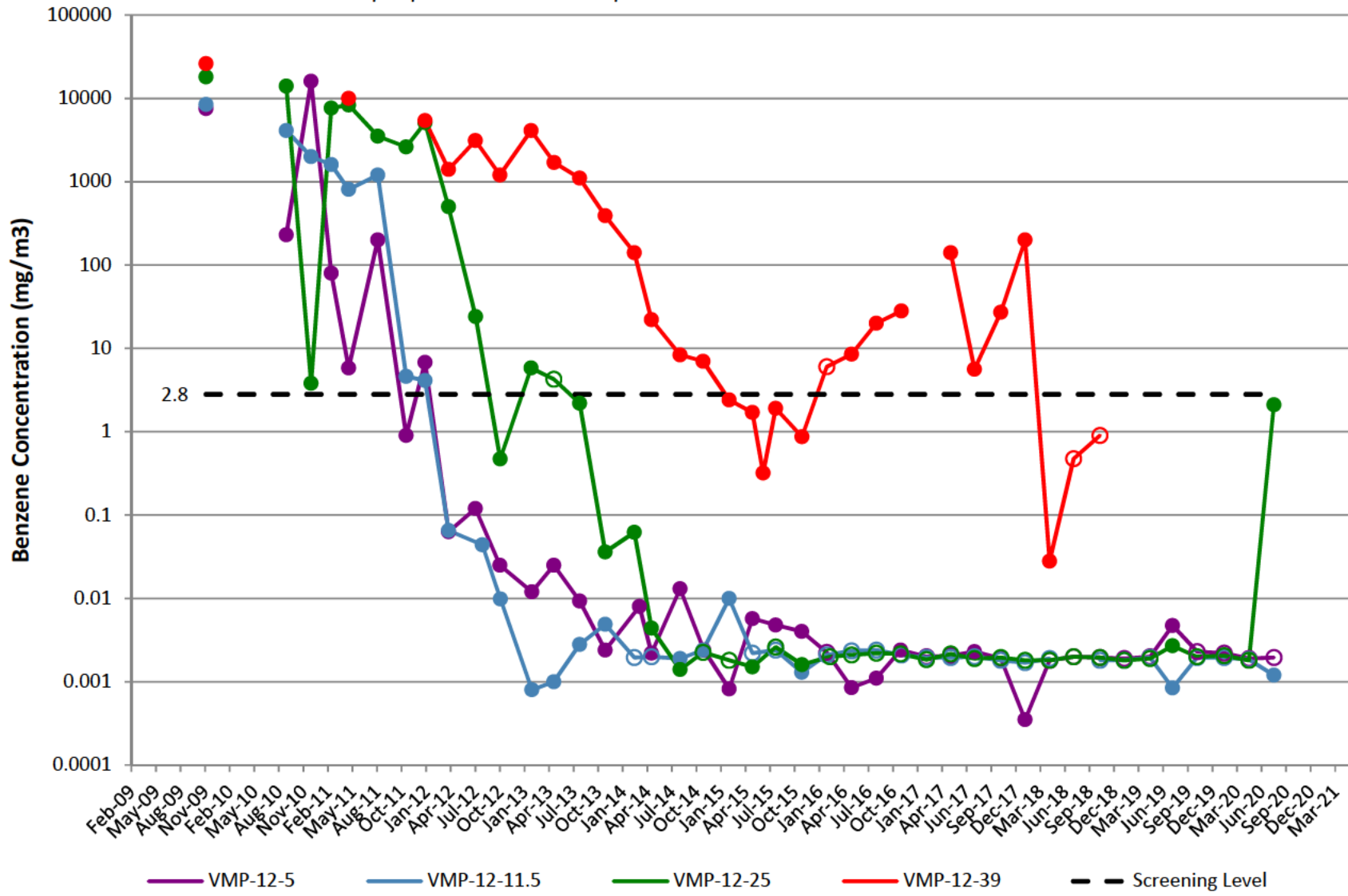
VMP-11

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.



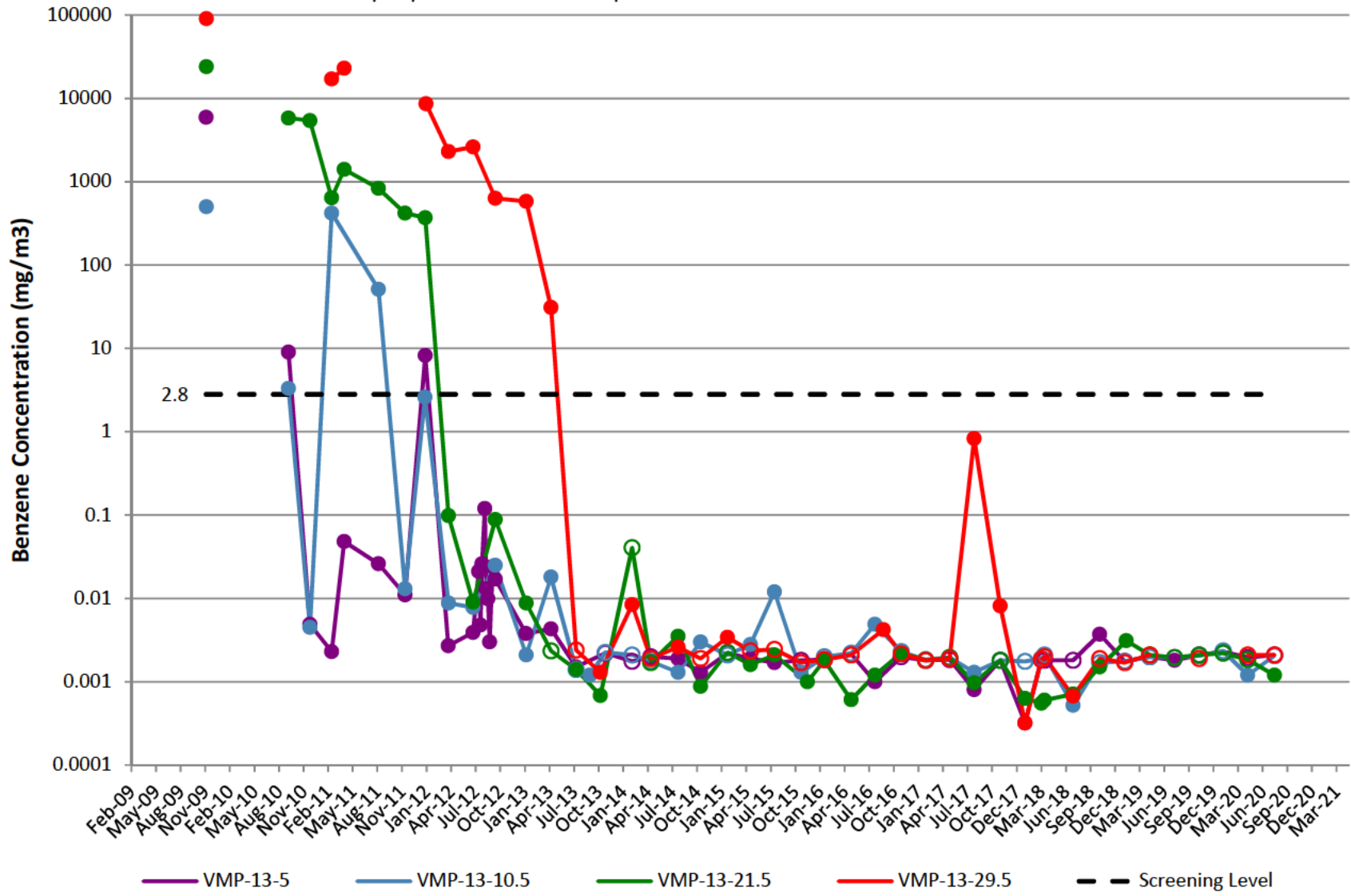
VMP-12

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.



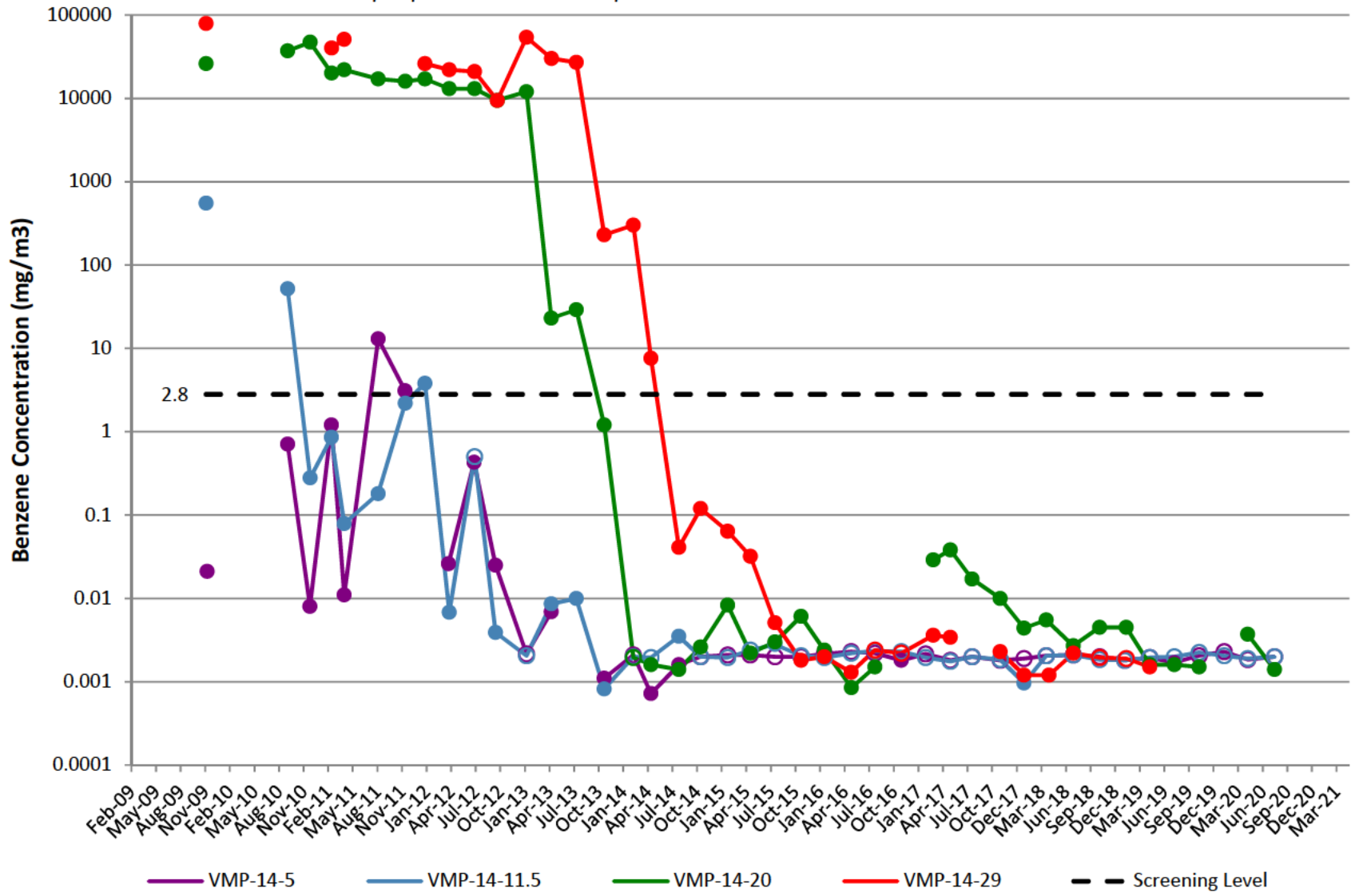
VMP-13

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.



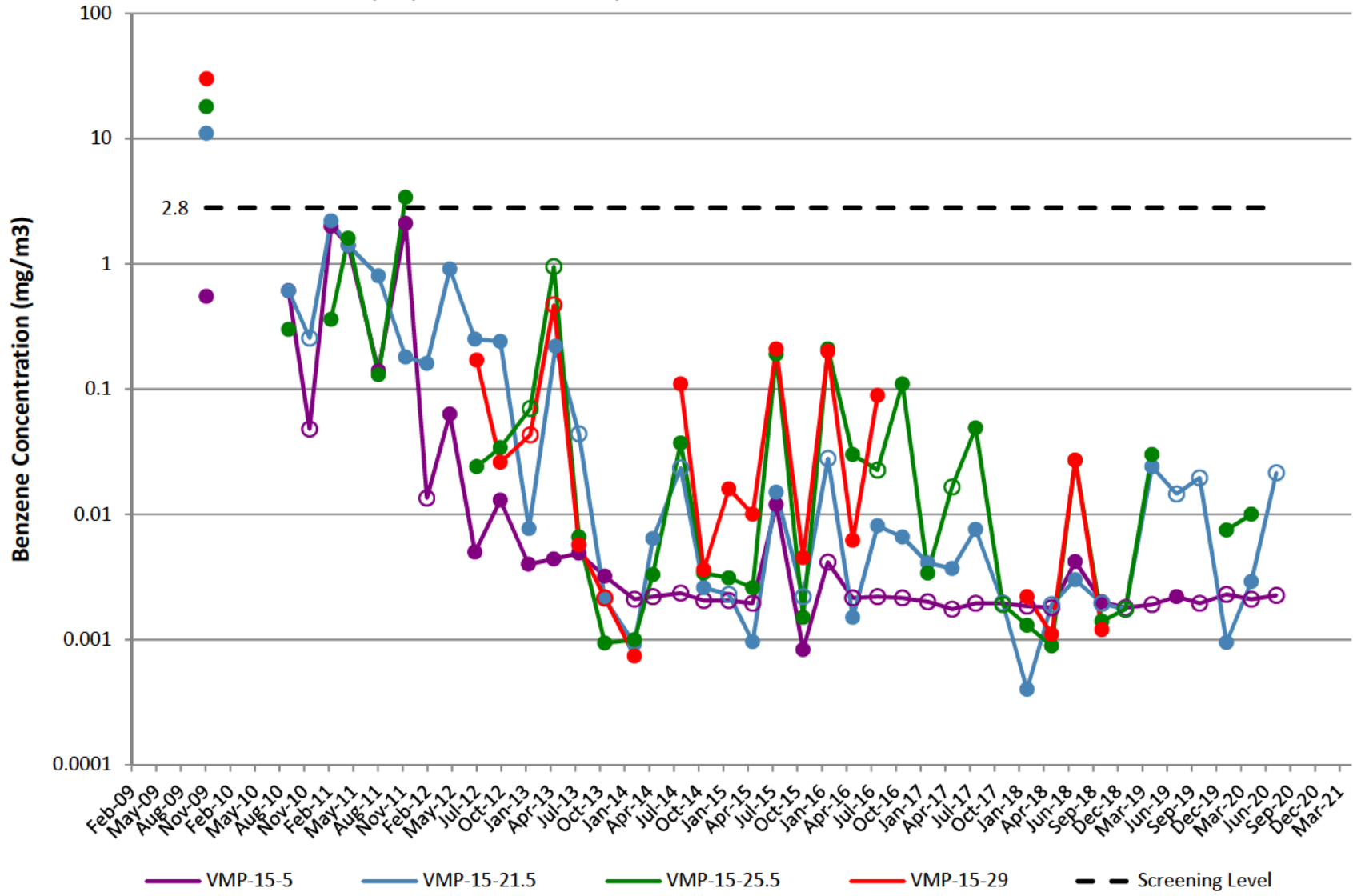
VMP-14

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.



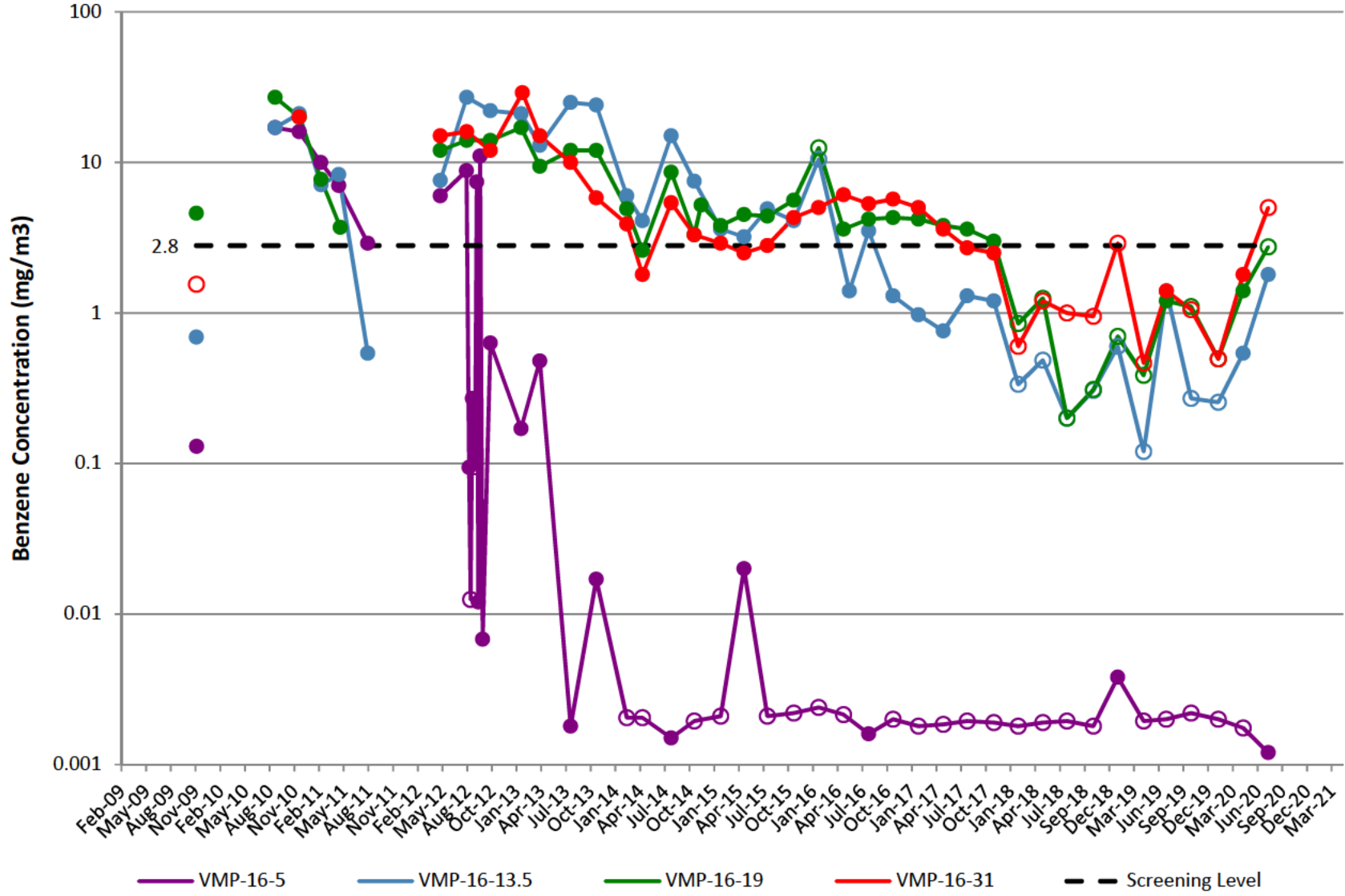
VMP-15

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.



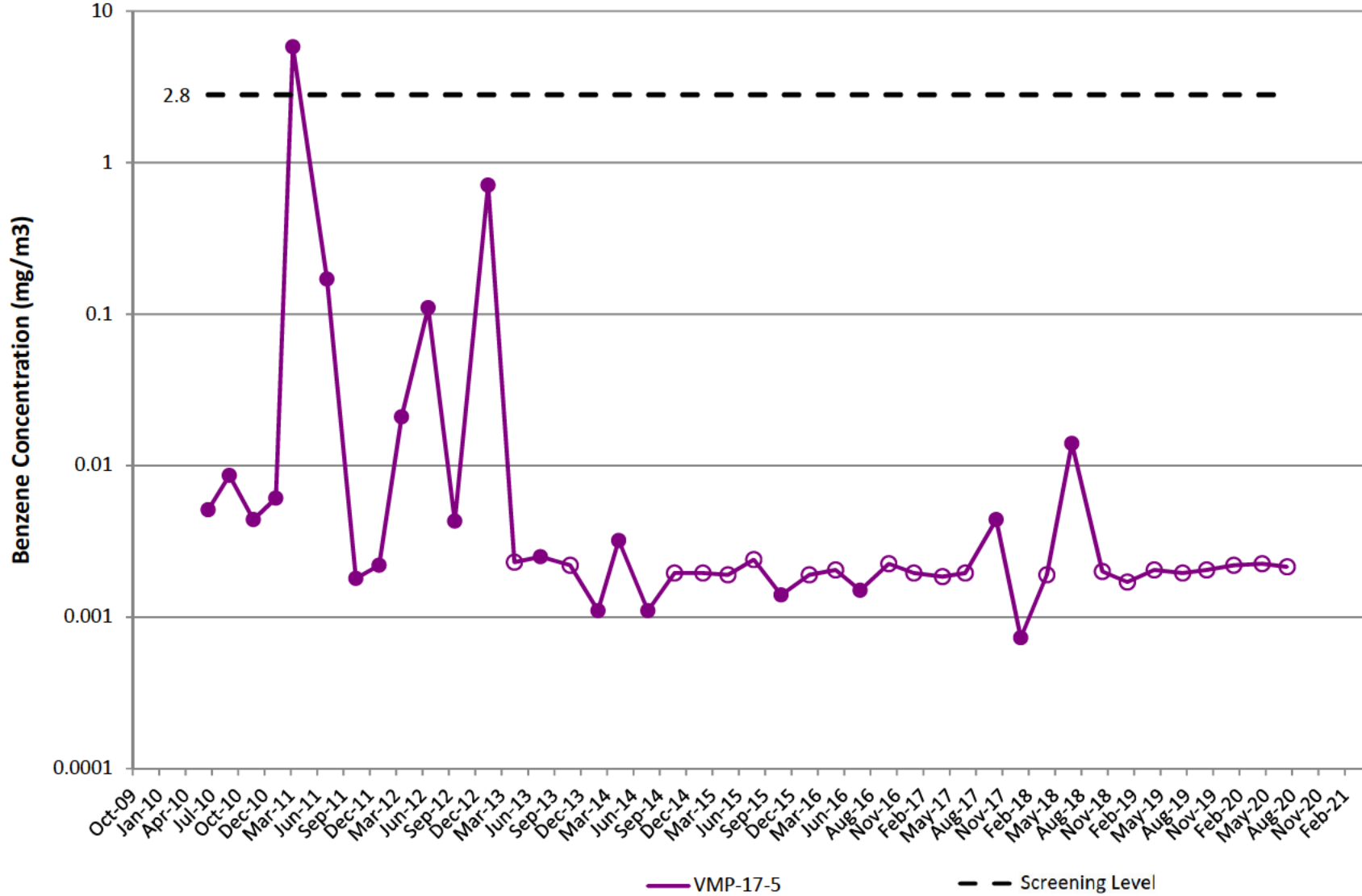
VMP-16

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.



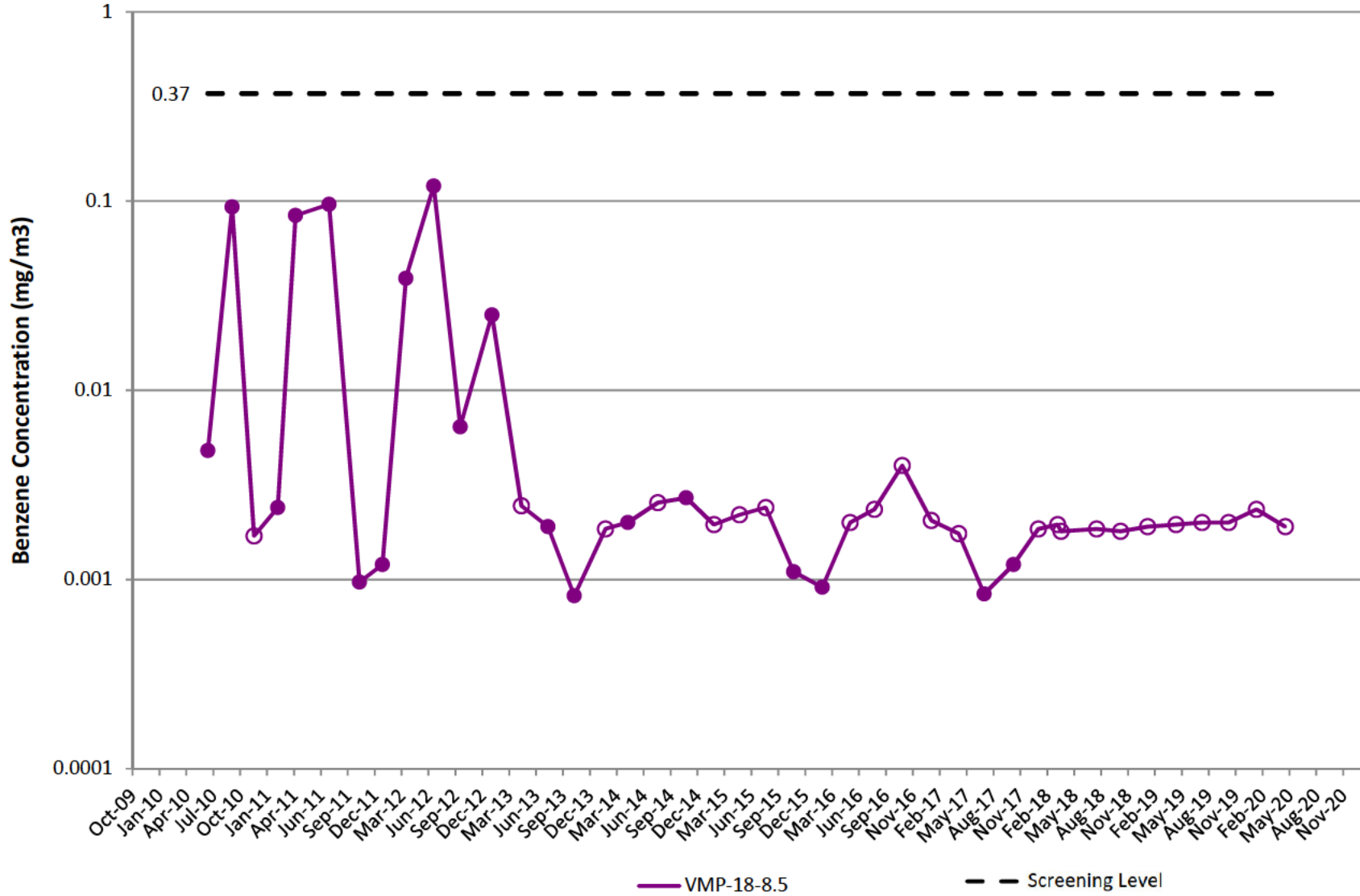
VMP-17

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.



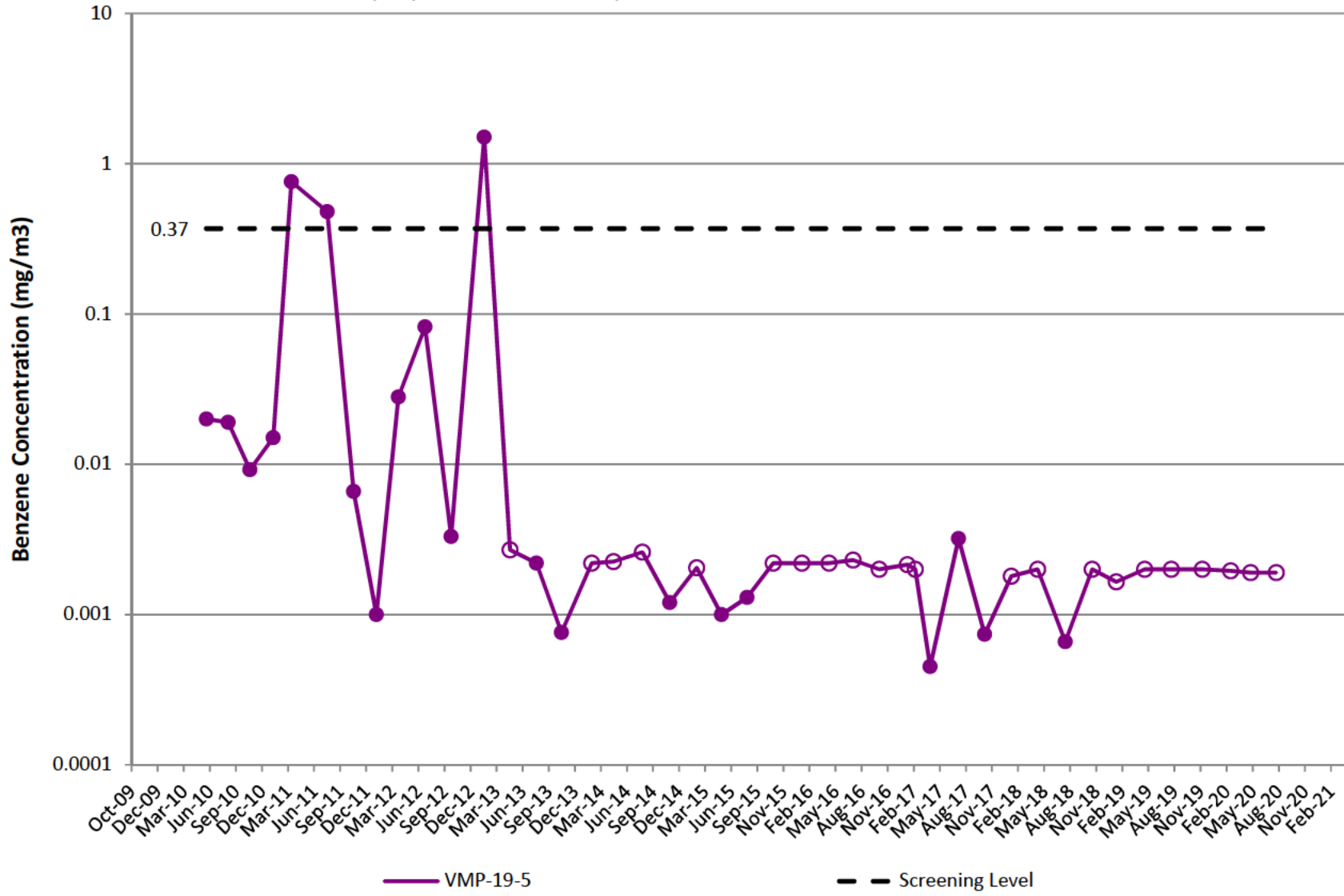
VMP-18

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.



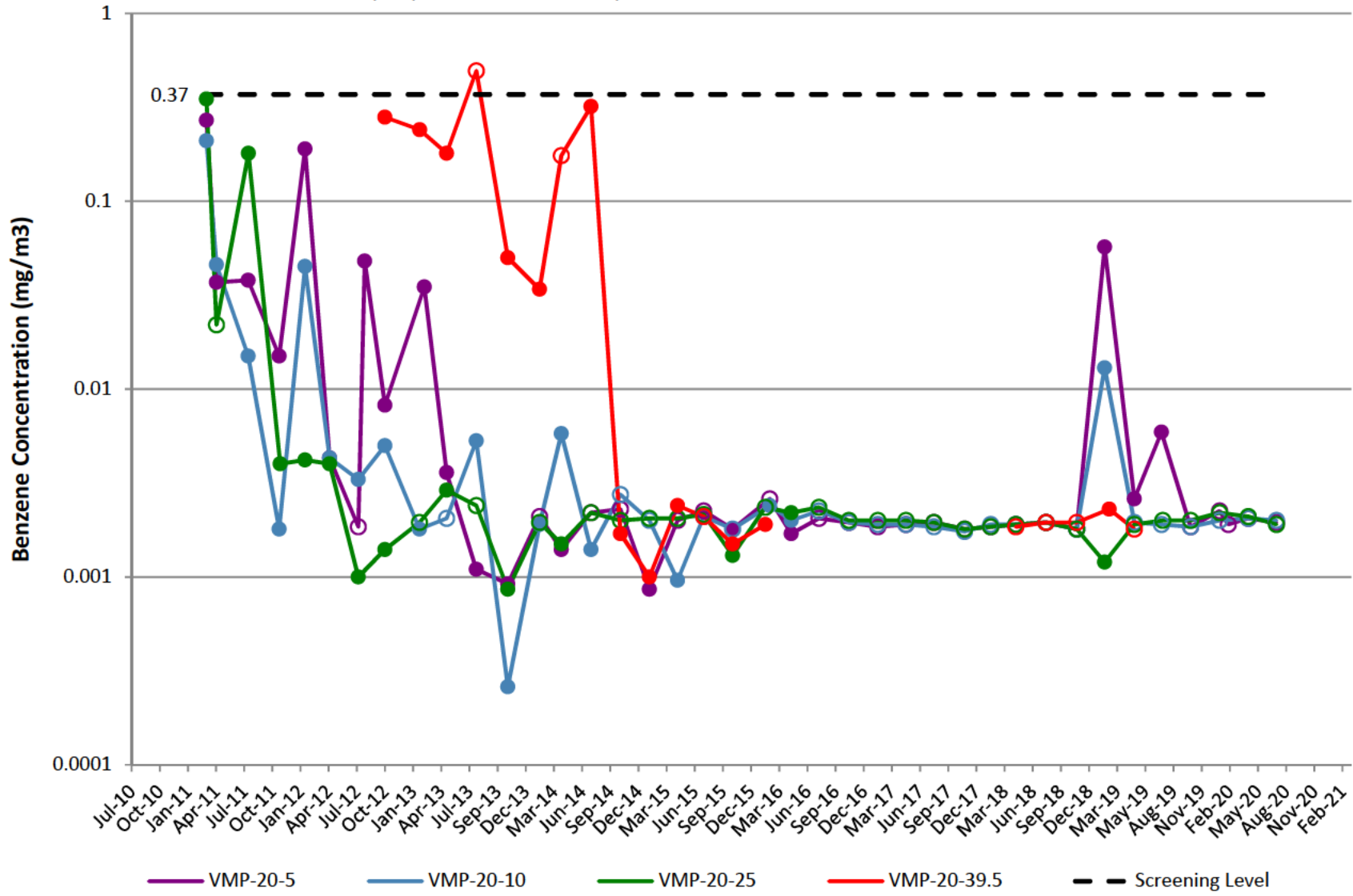
VMP-19

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.



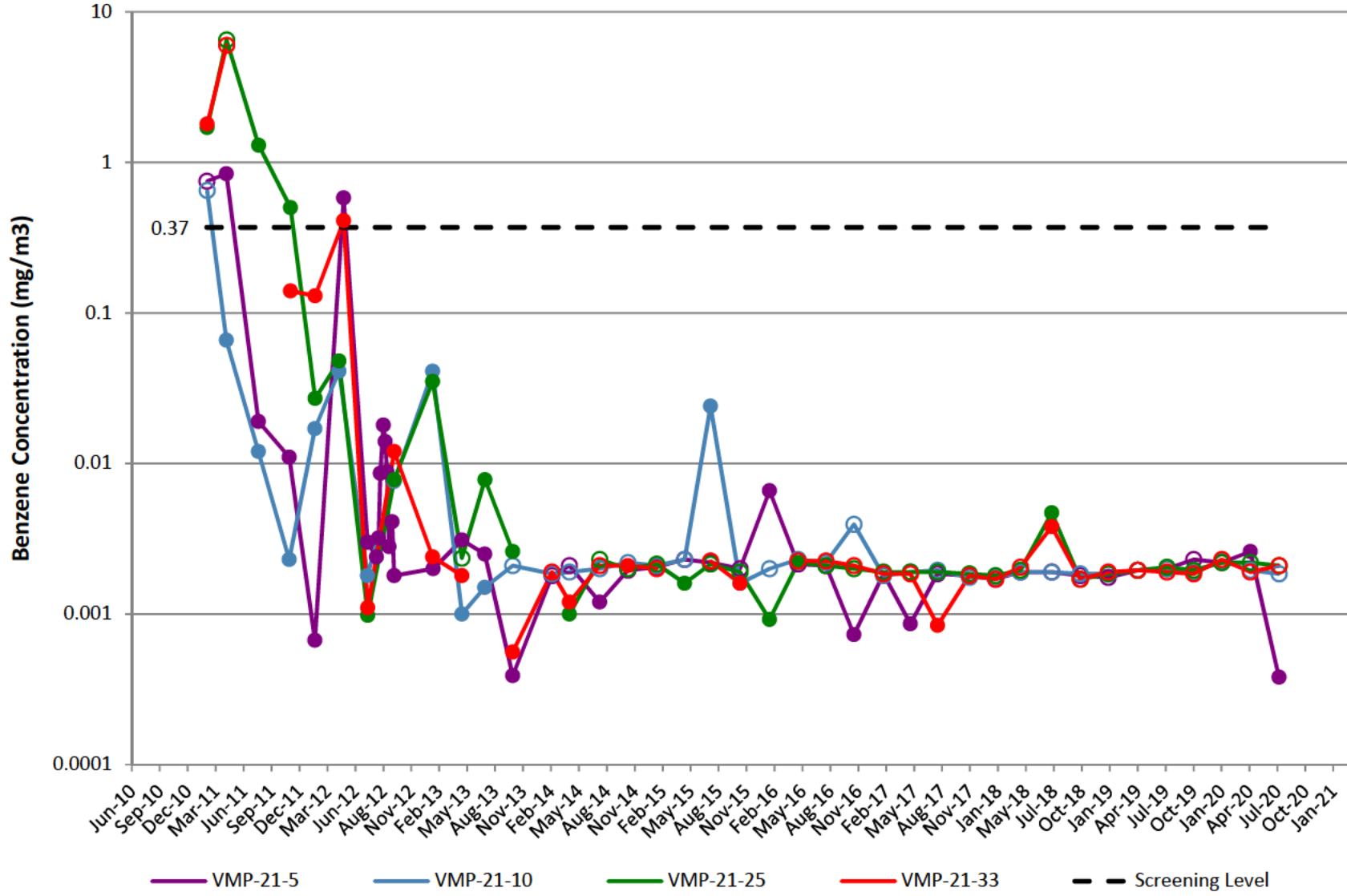
VMP-20

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.



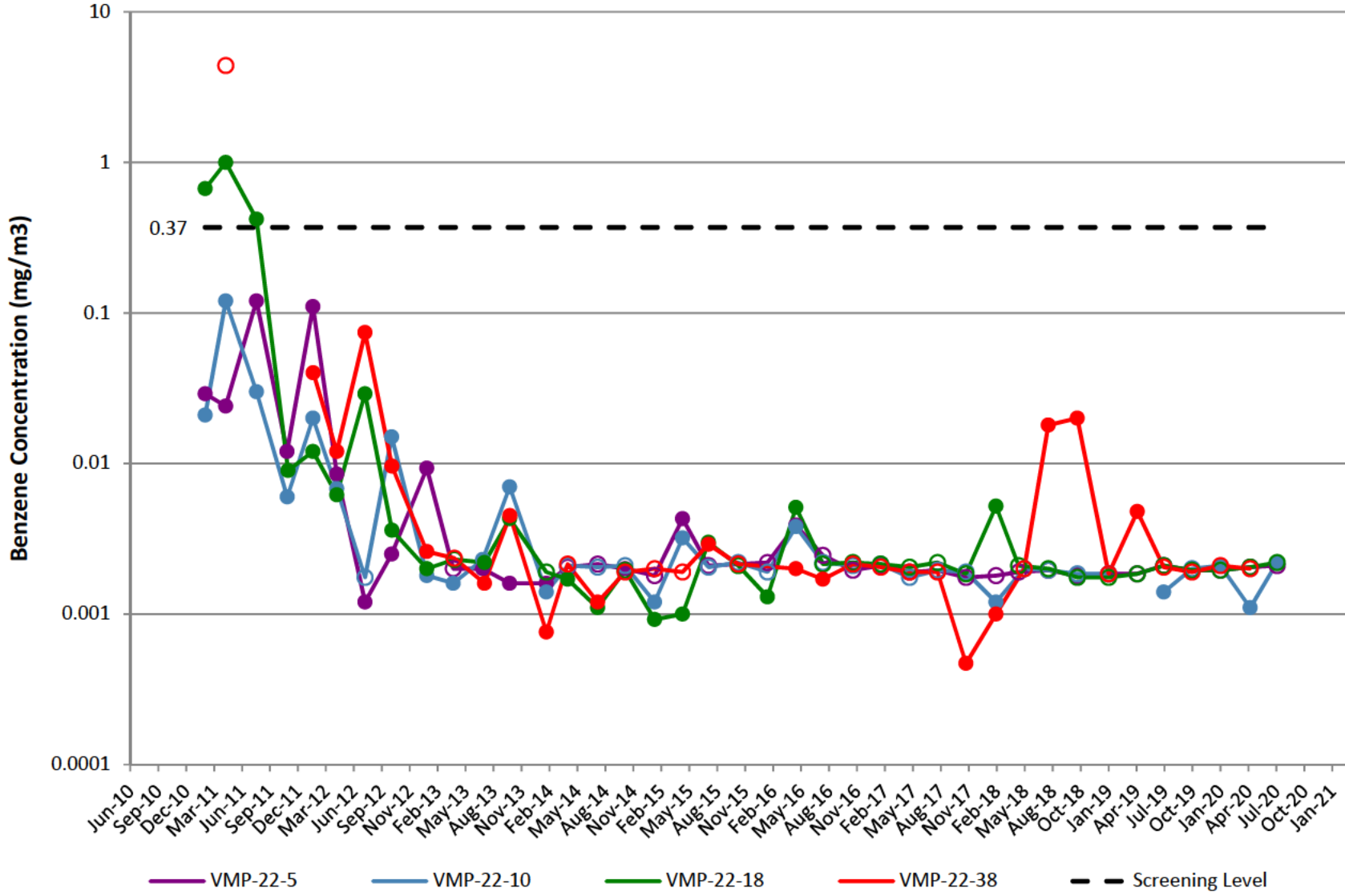
VMP-21

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.



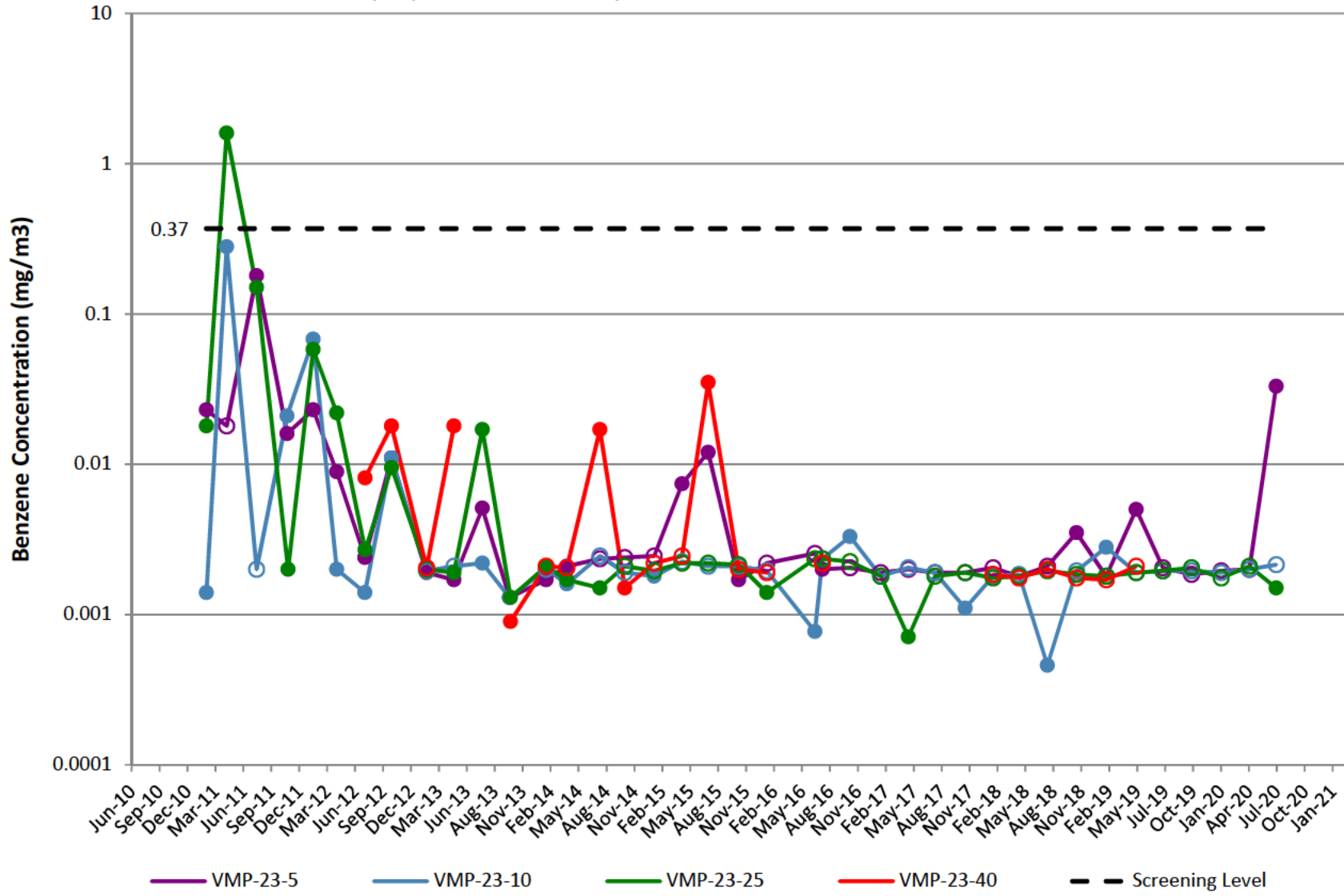
VMP-22

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.



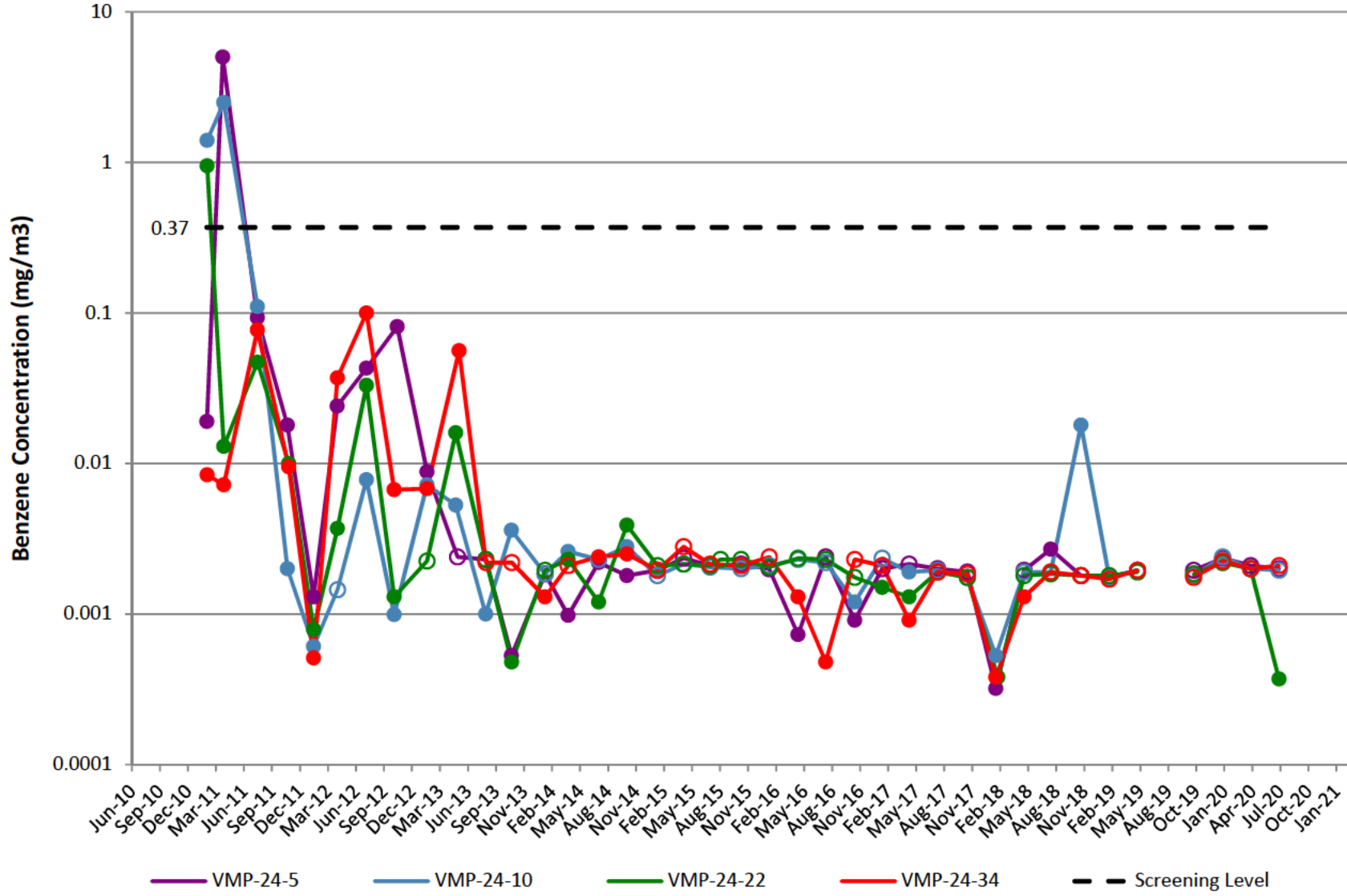
VMP-23

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.



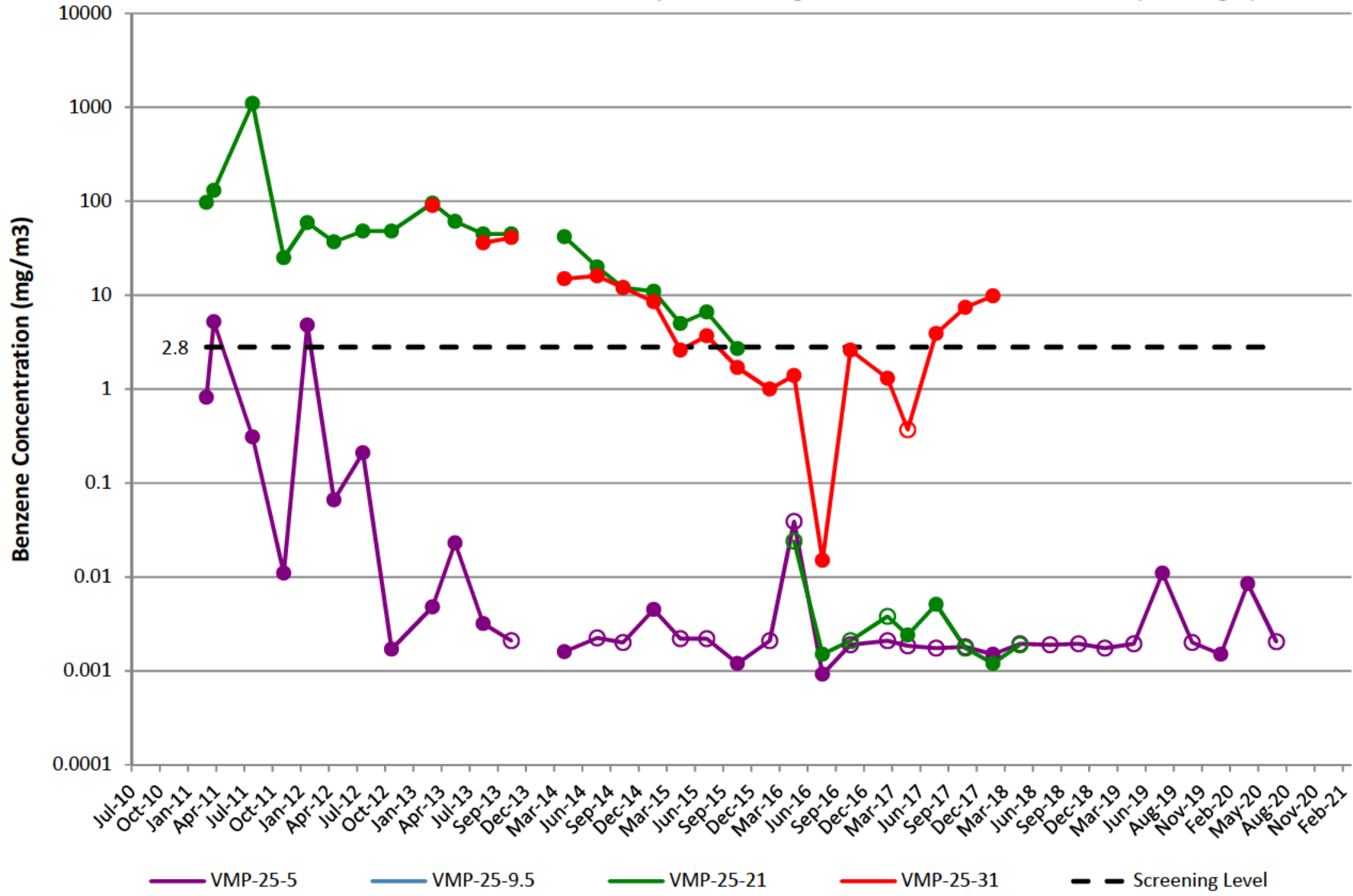
VMP-24

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.



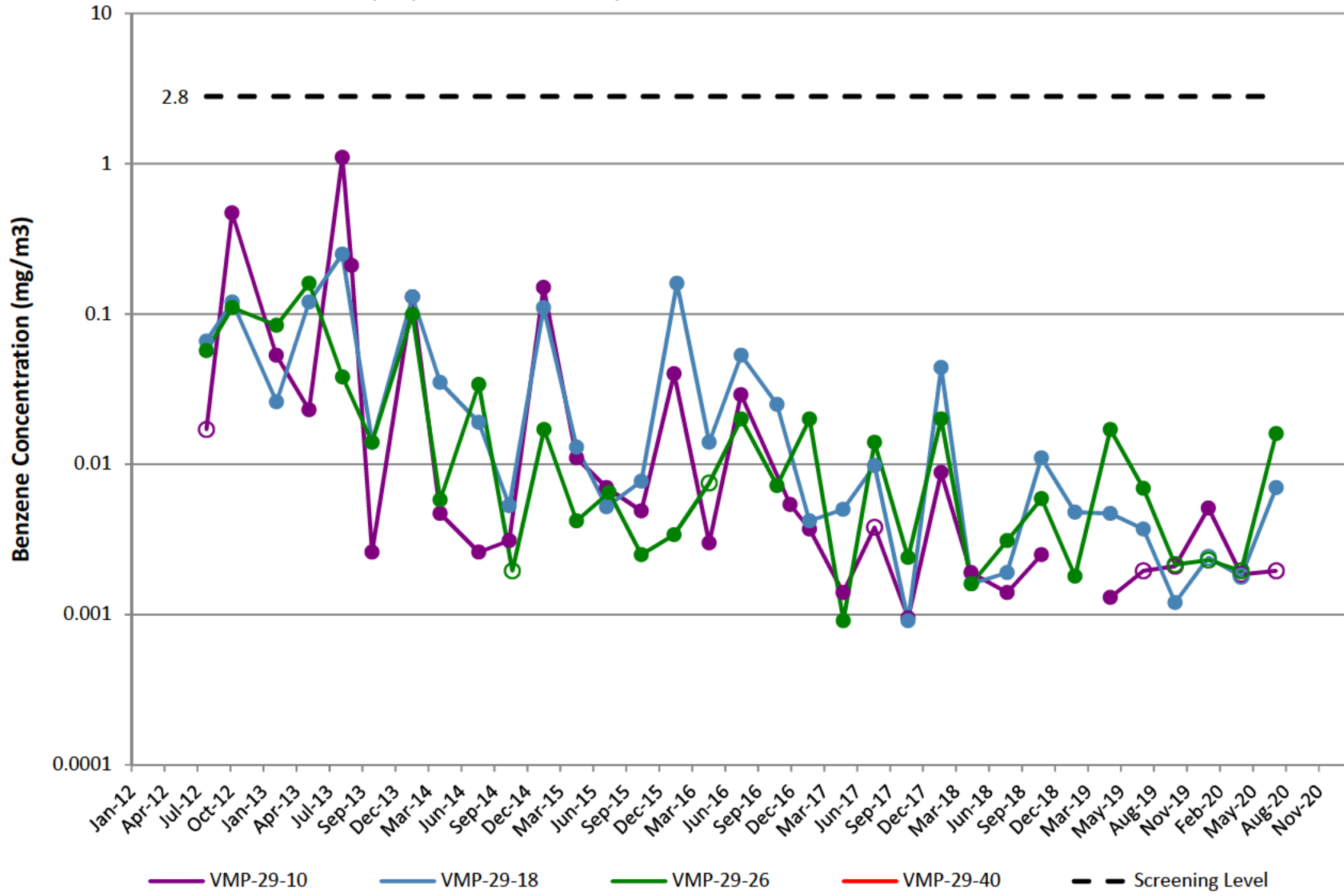
VMP-25

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.



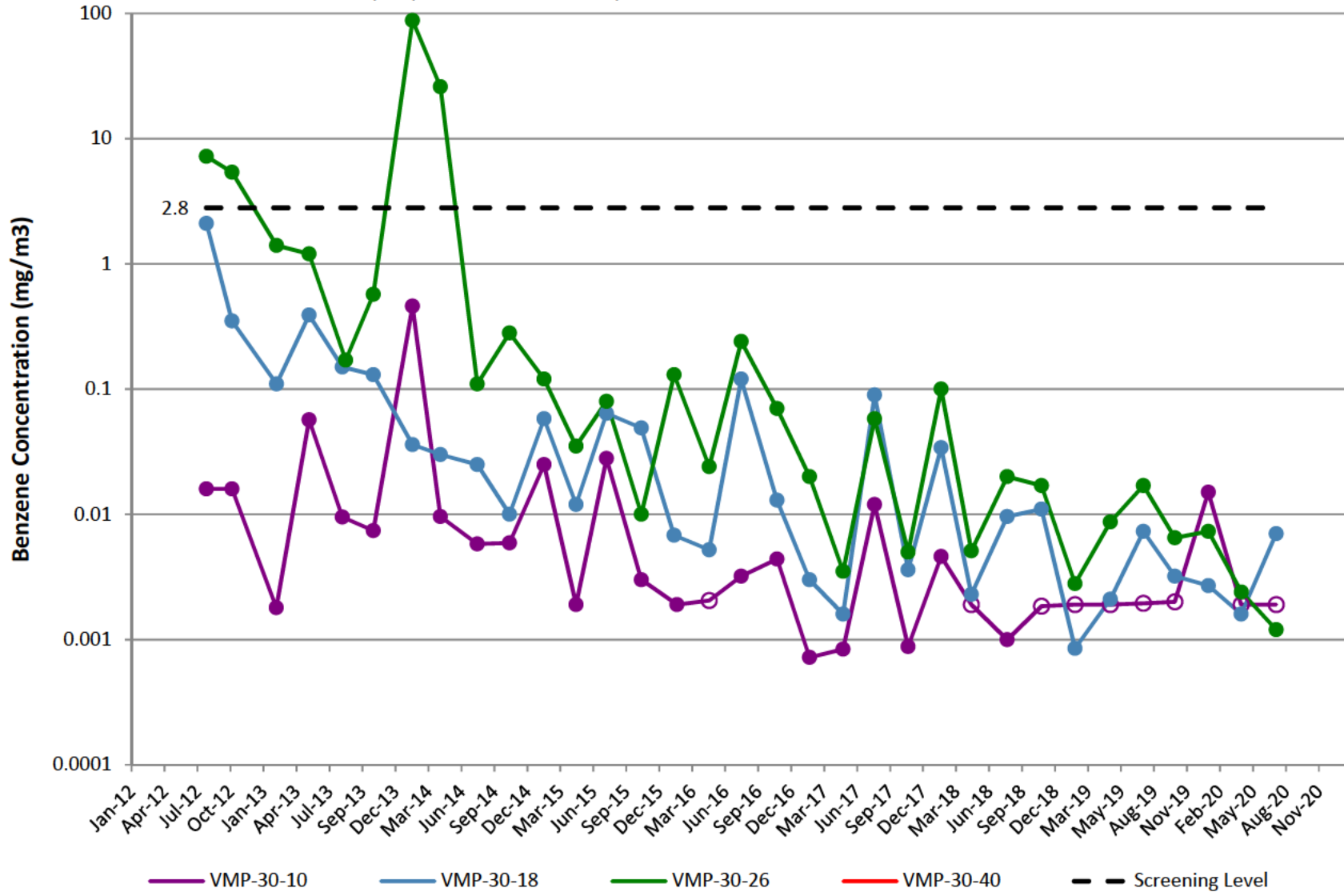
VMP-29

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.



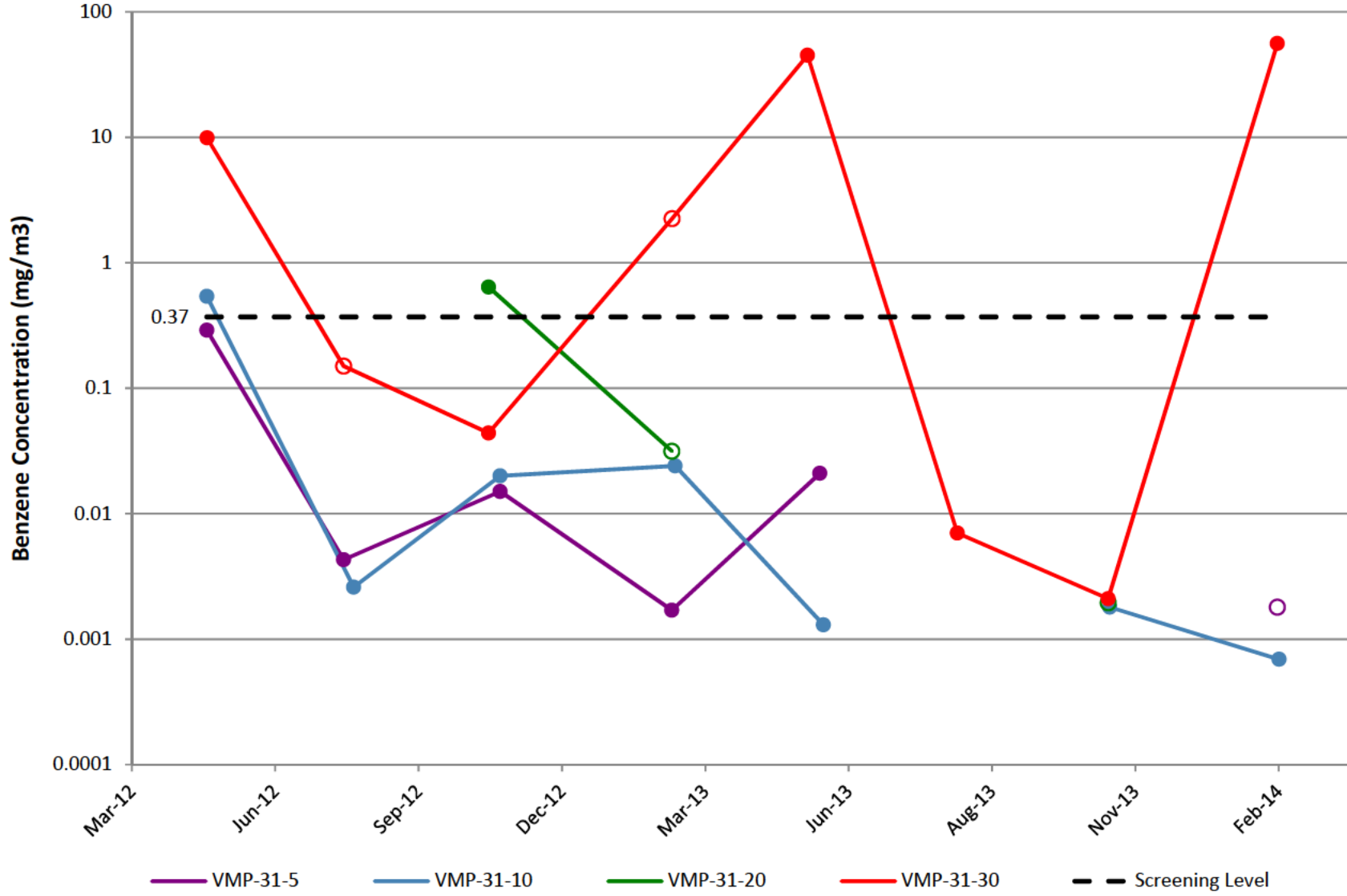
VMP-30

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.



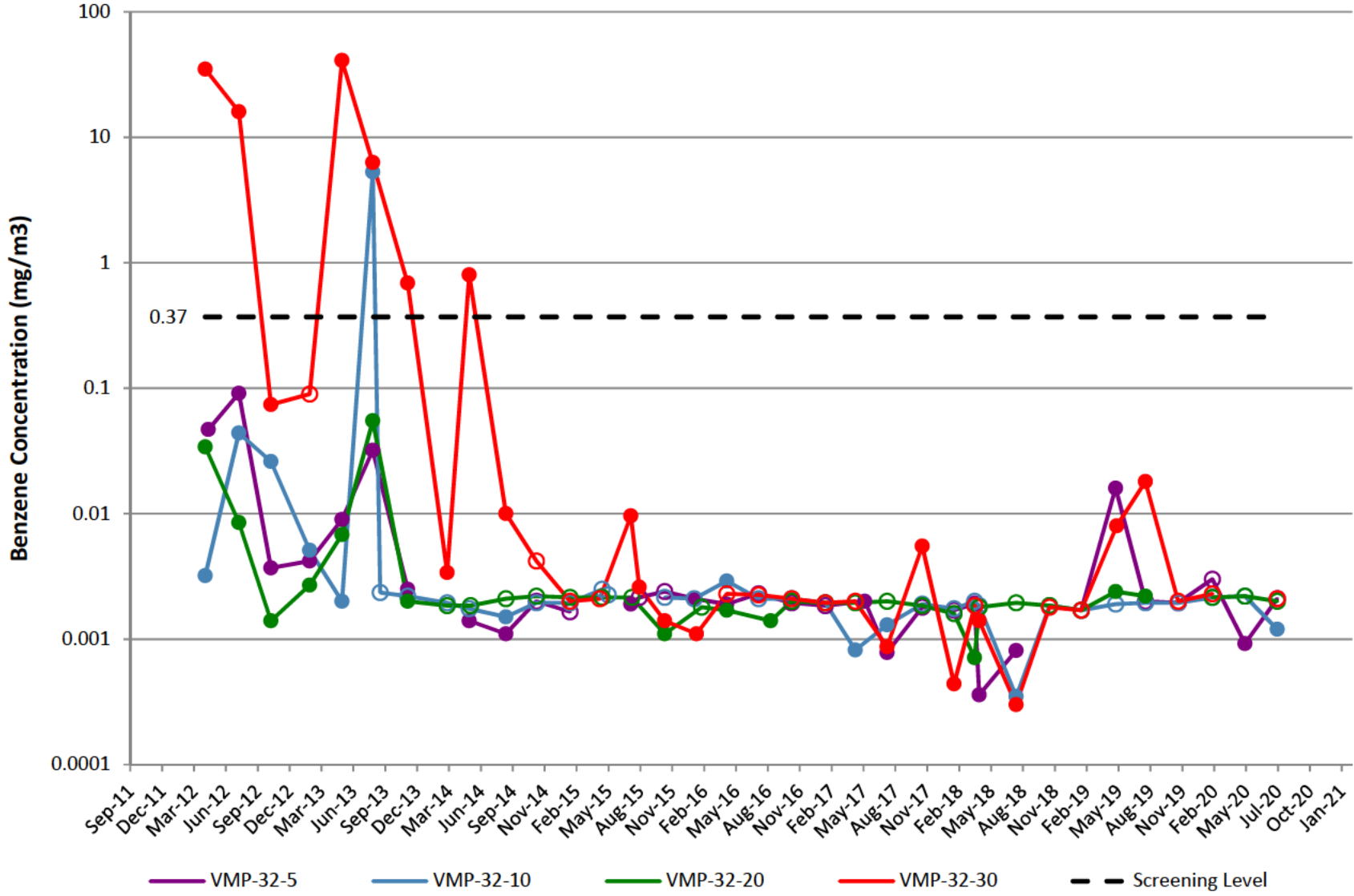
VMP-31

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.



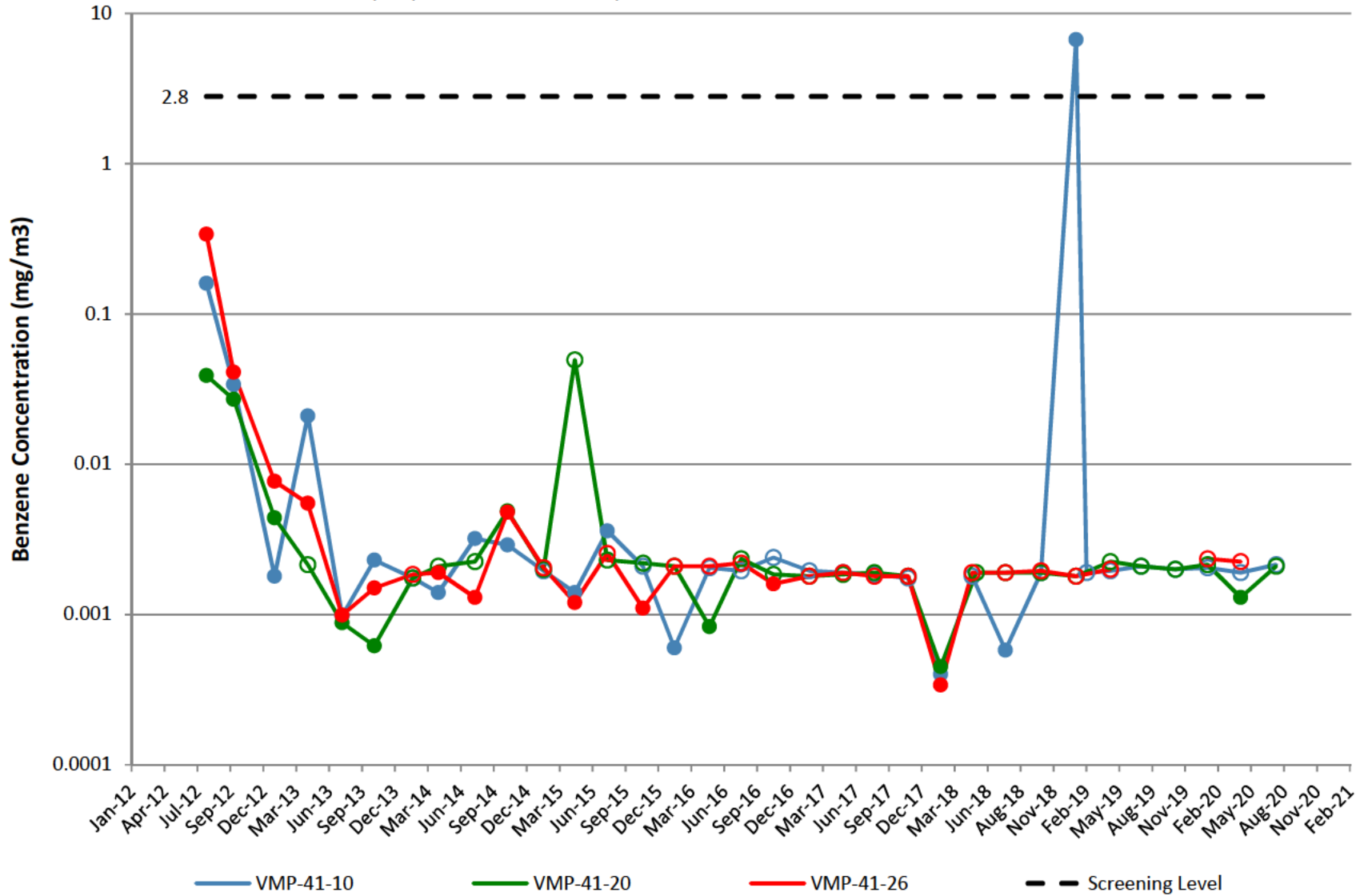
VMP-32

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.



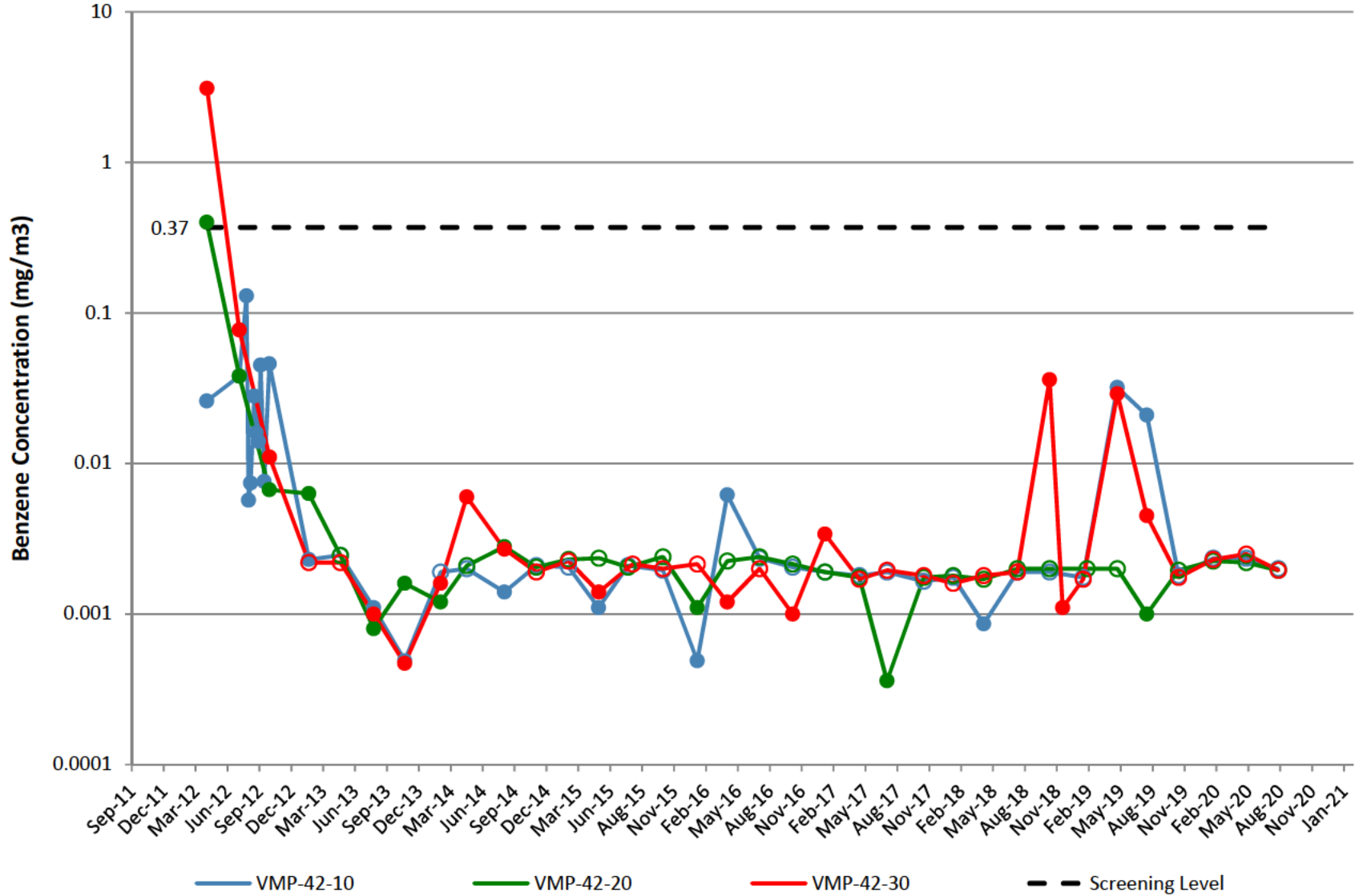
VMP-41

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.



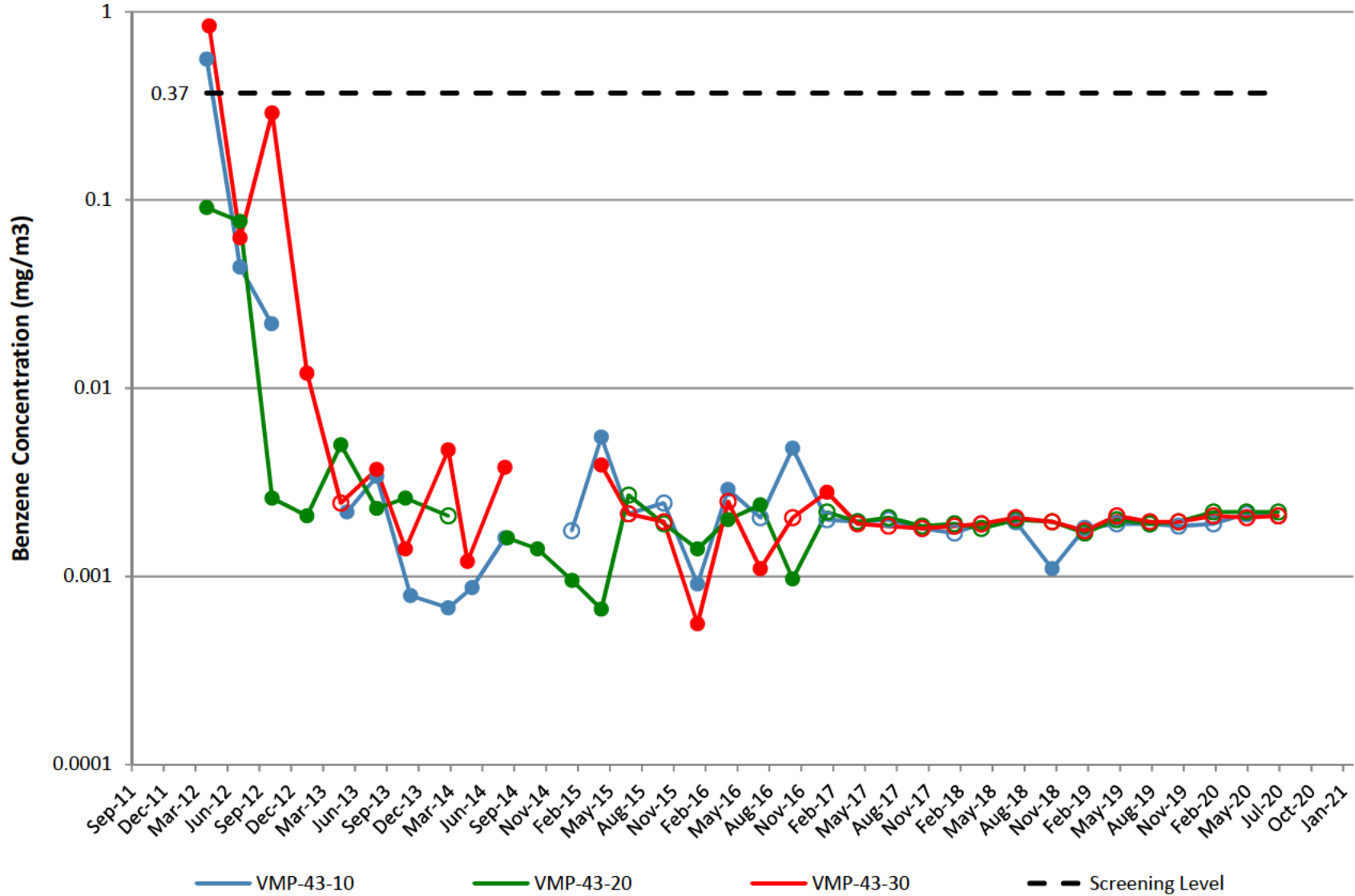
VMP-42

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.



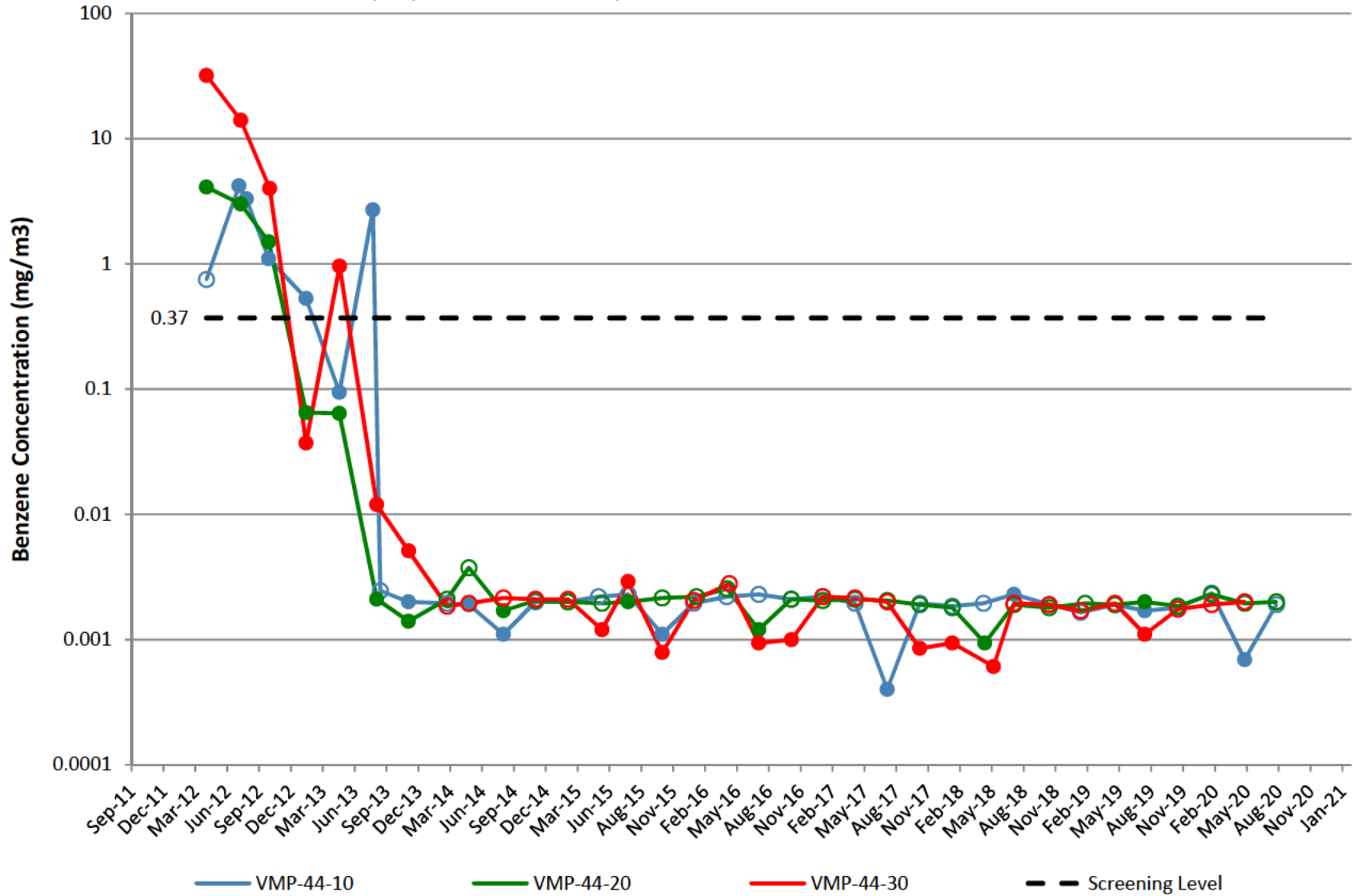
VMP-43

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.



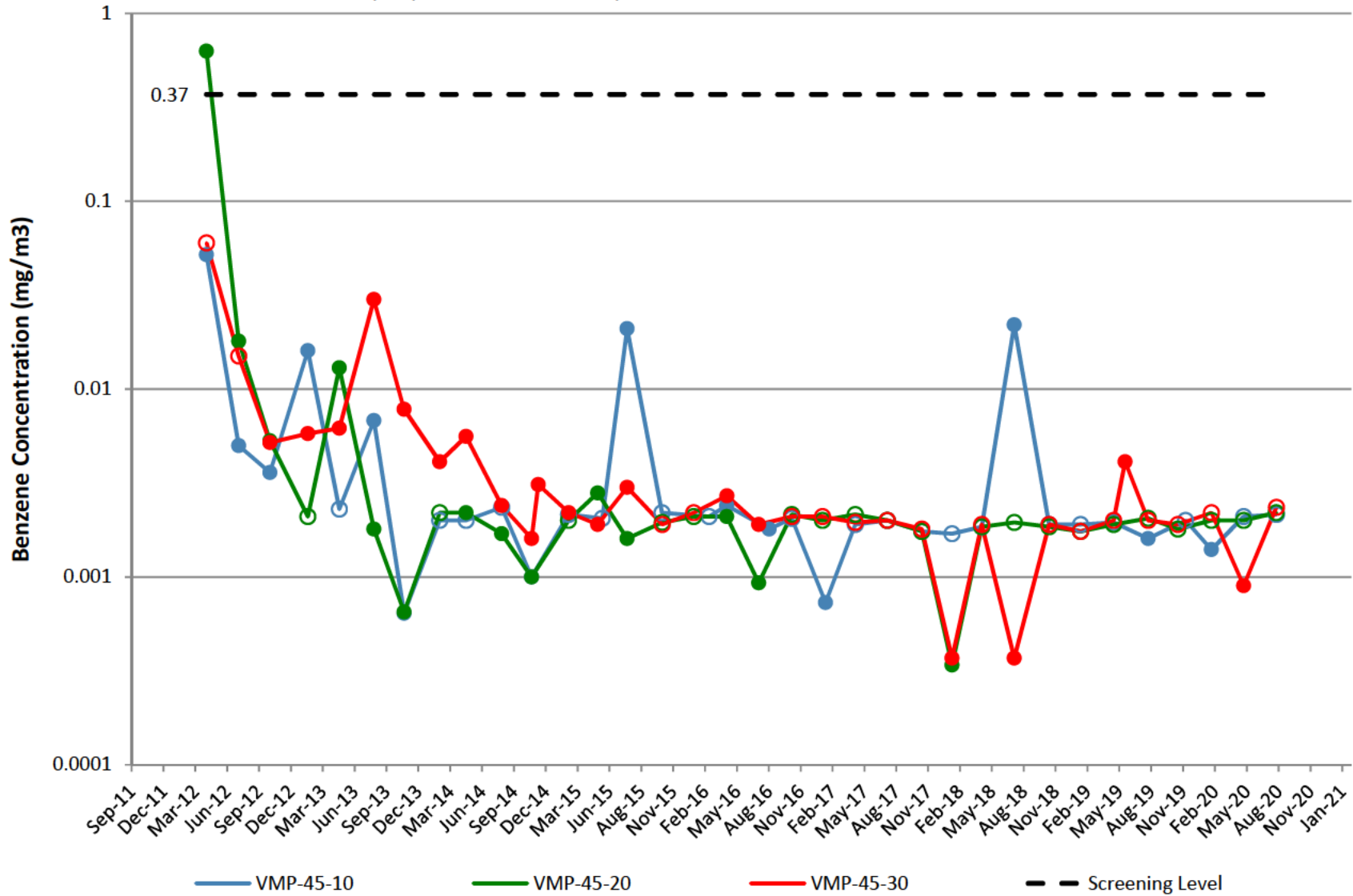
VMP-44

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.



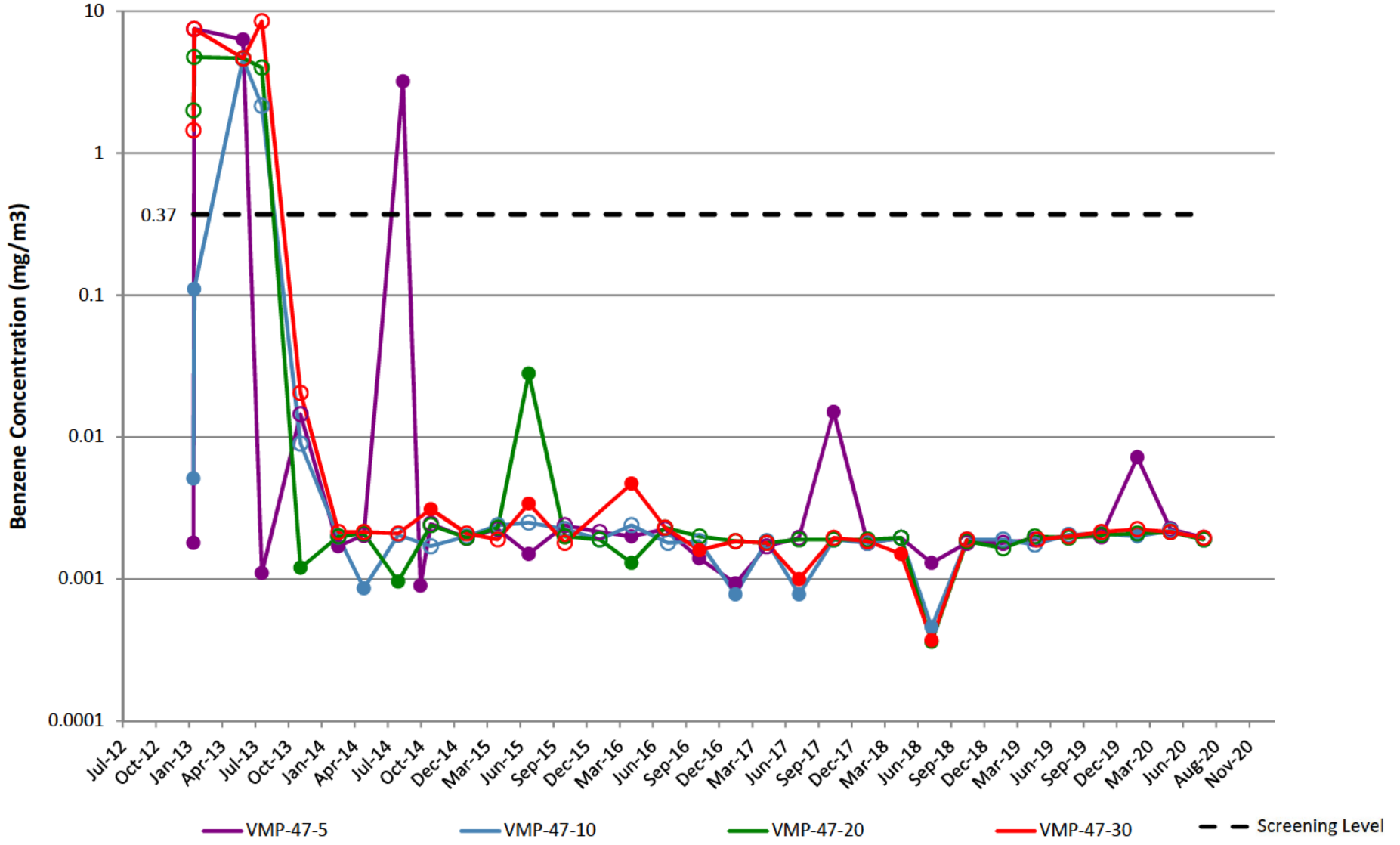
VMP-45

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.



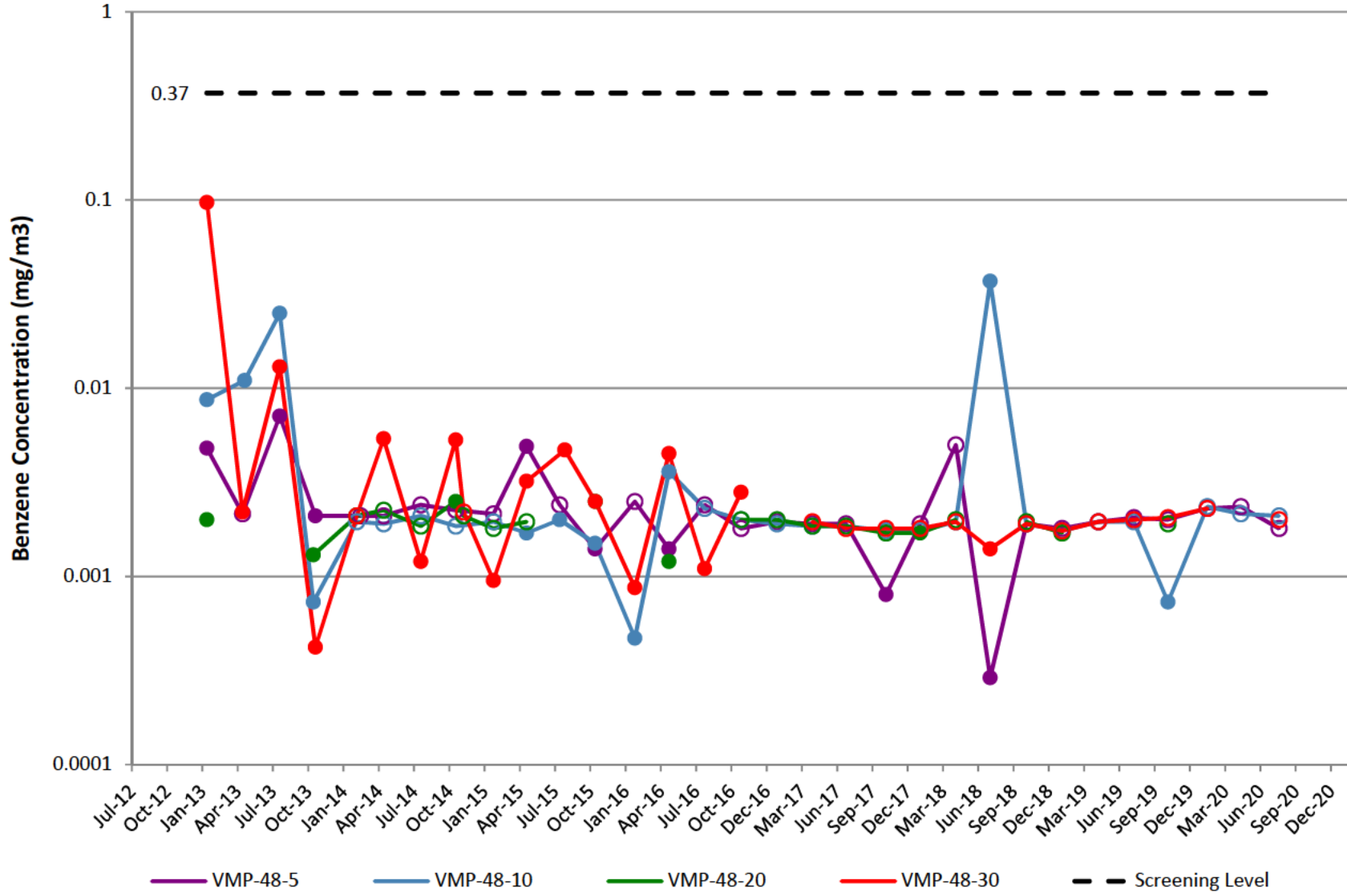
VMP-47

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.



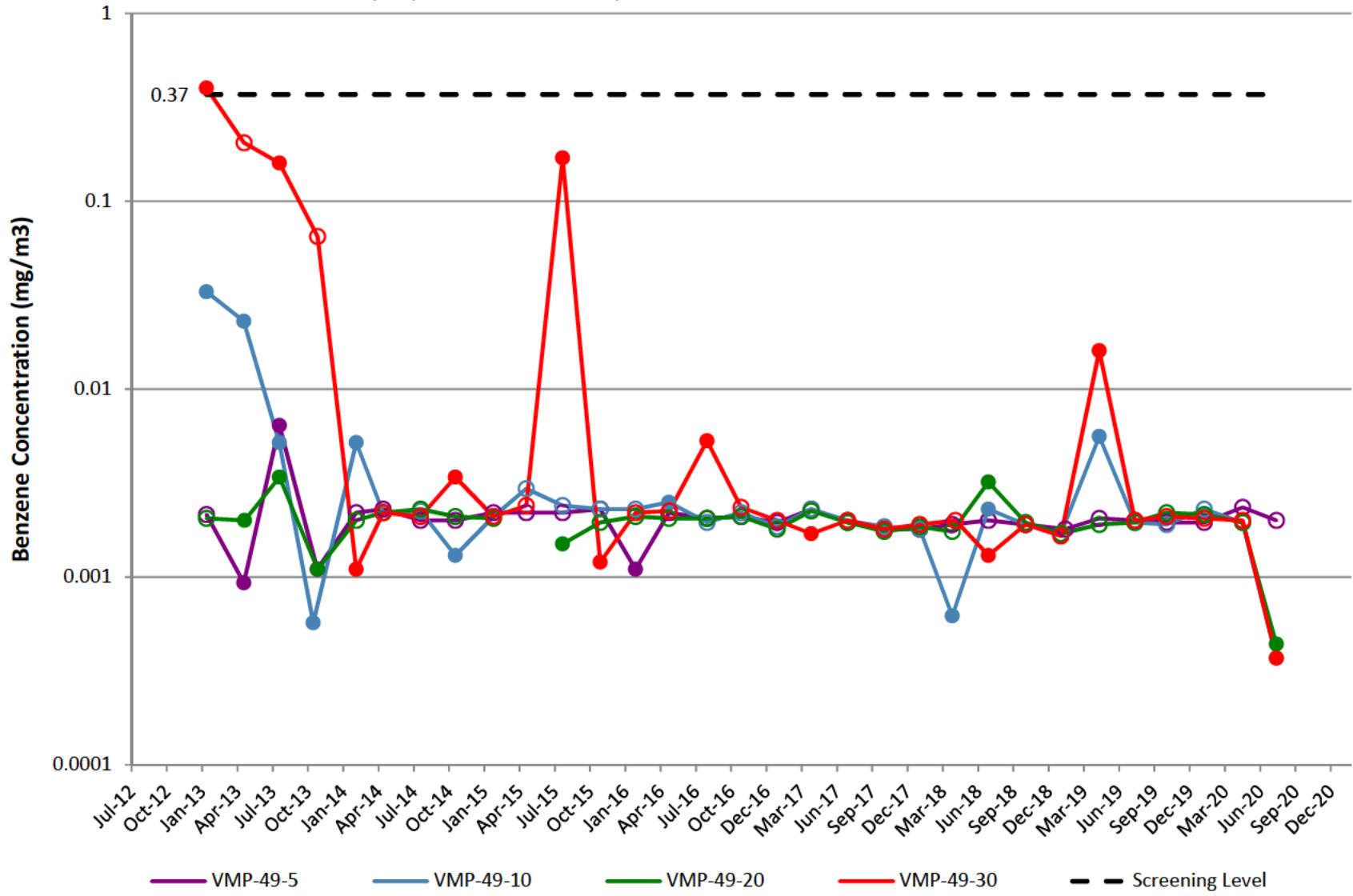
VMP-48

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.



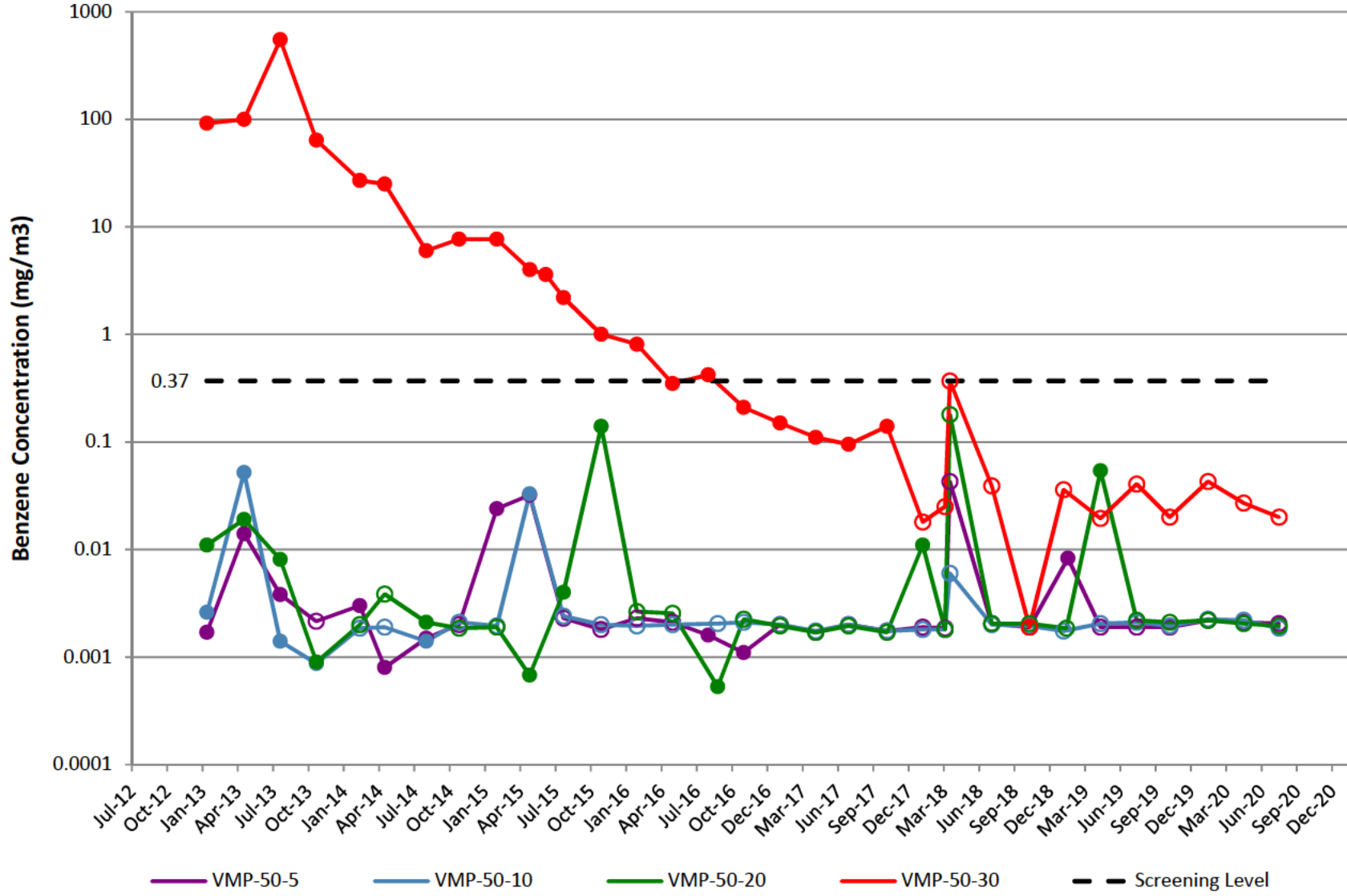
VMP-49

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.



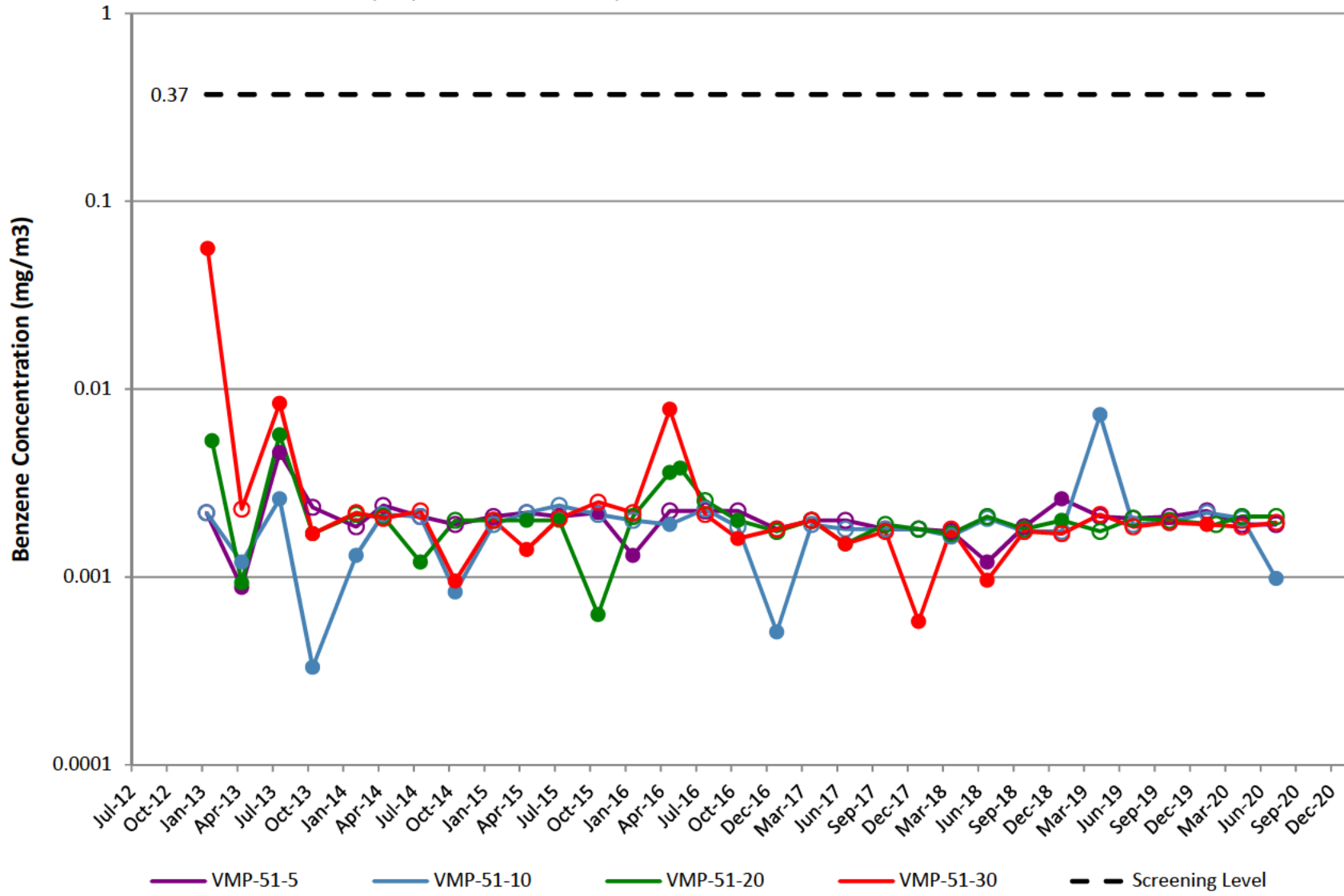
VMP-50

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, 2018.



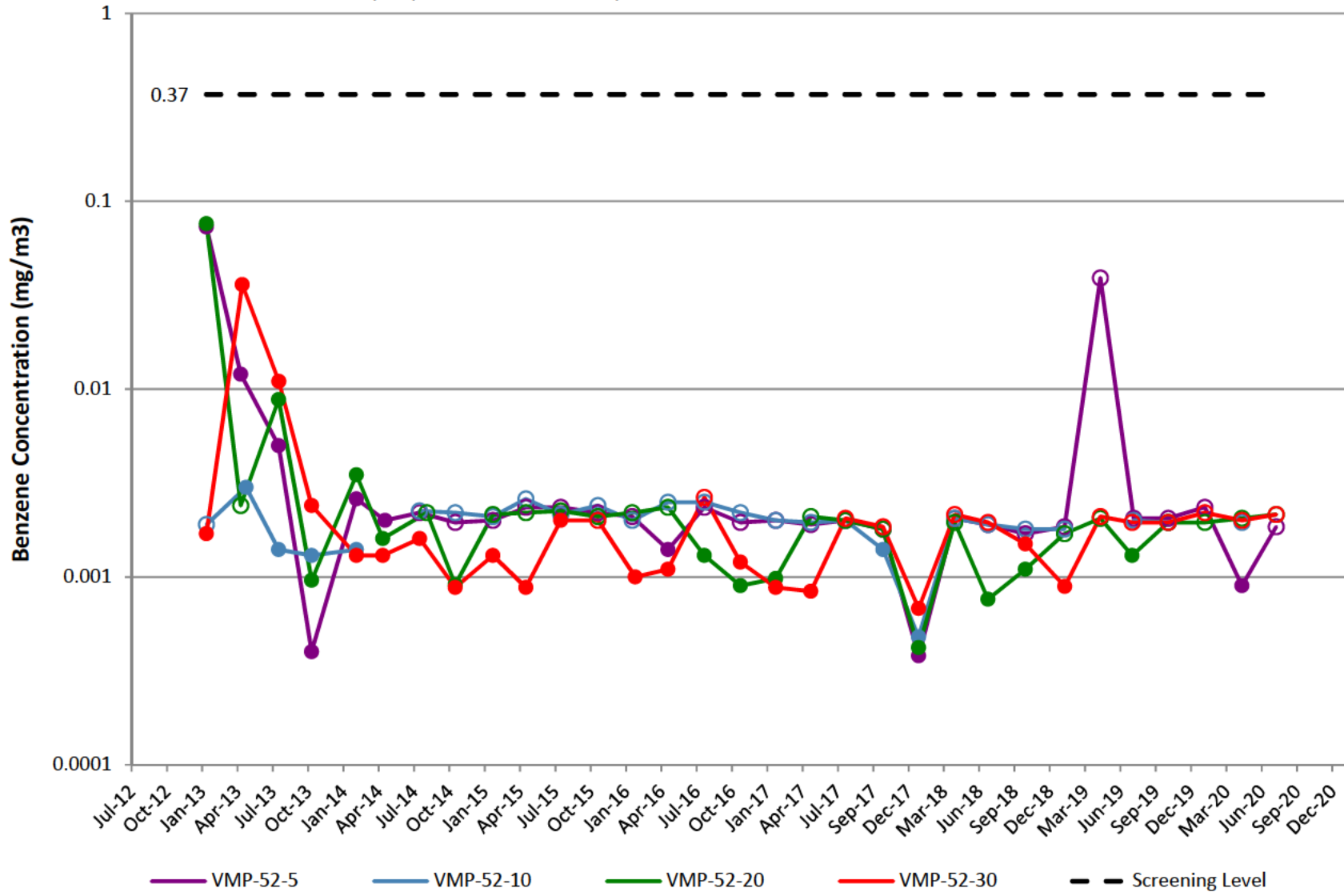
VMP-51

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.



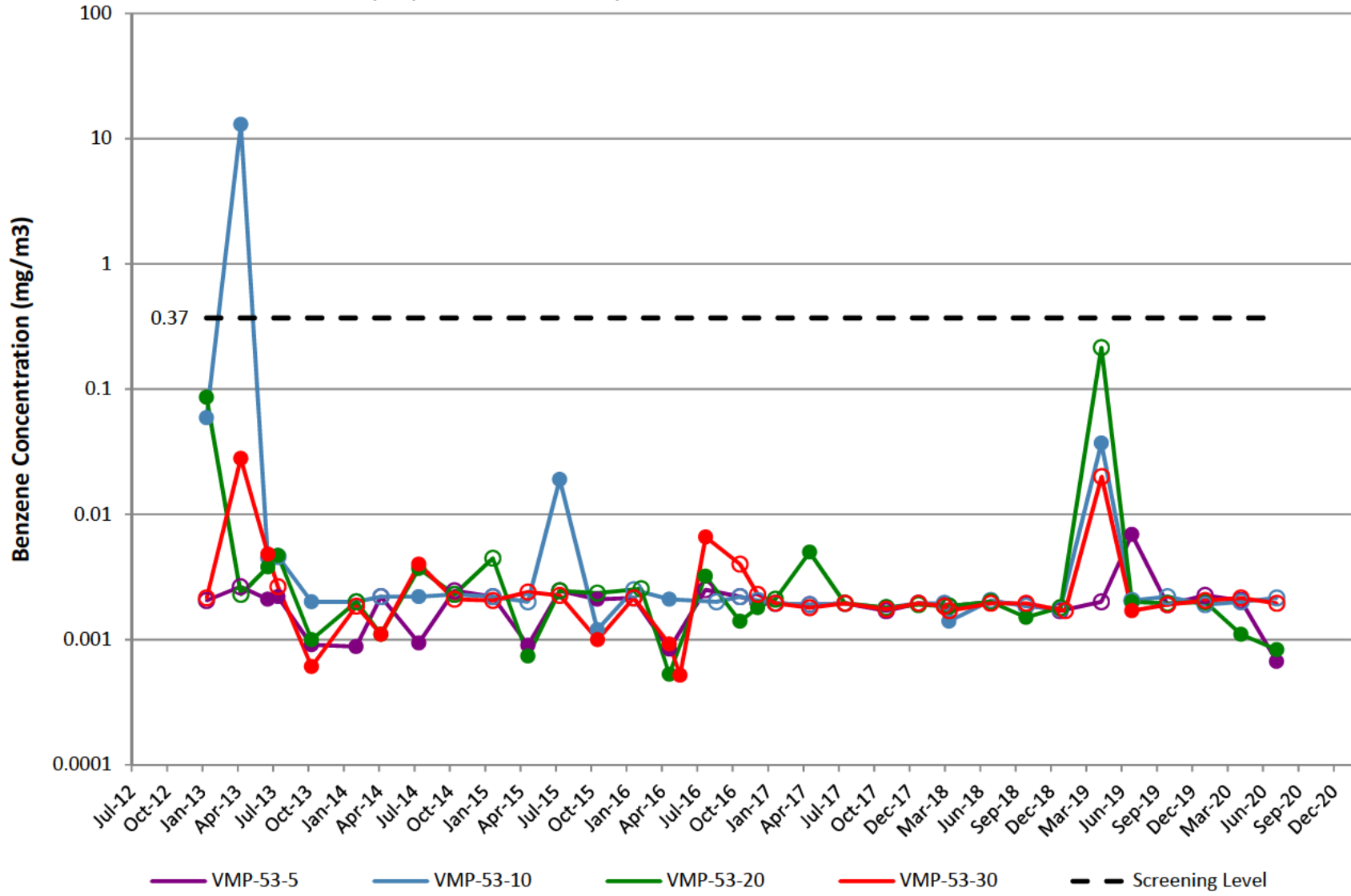
VMP-52

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.



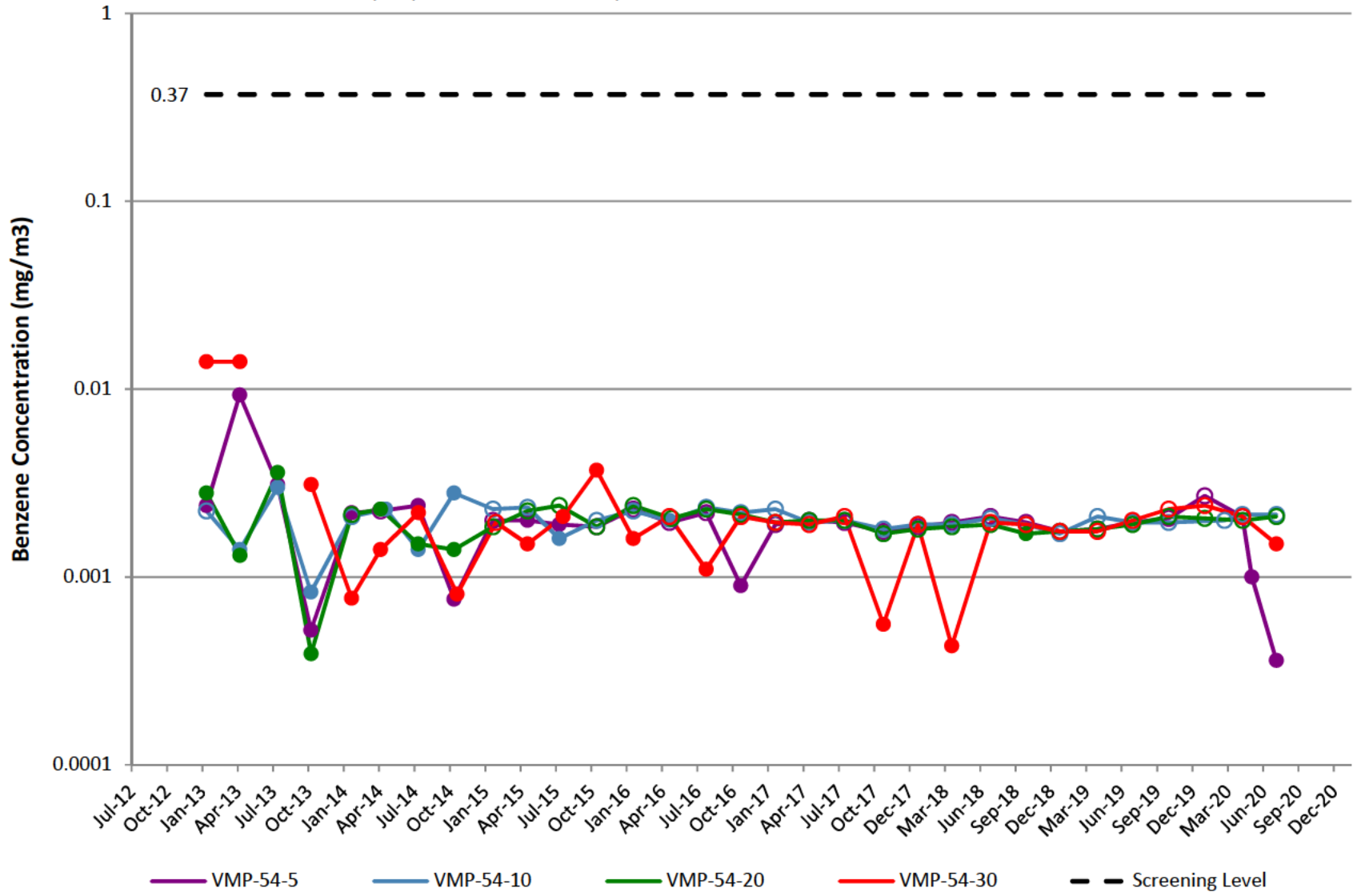
VMP-53

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.



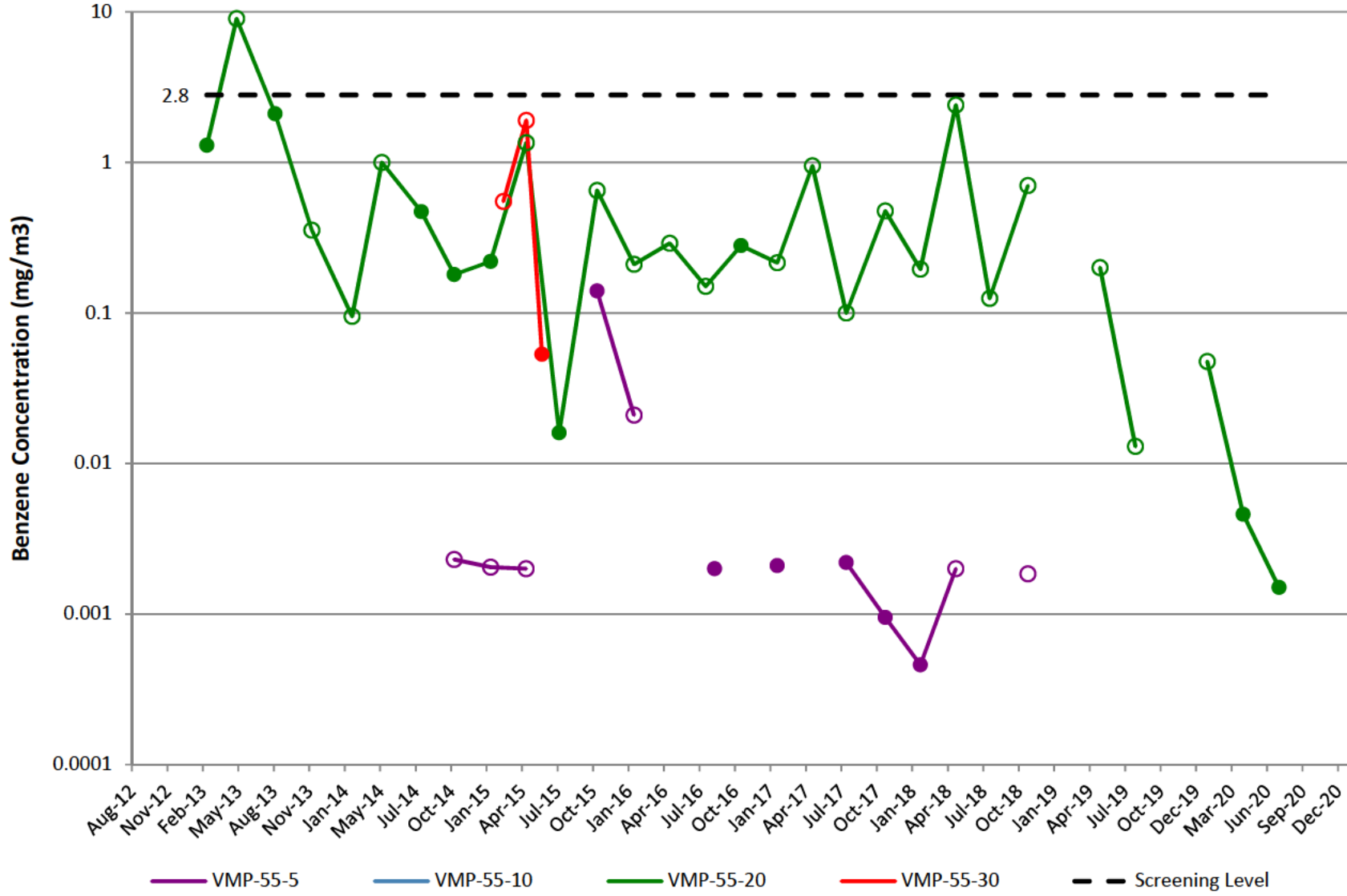
VMP-54

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.



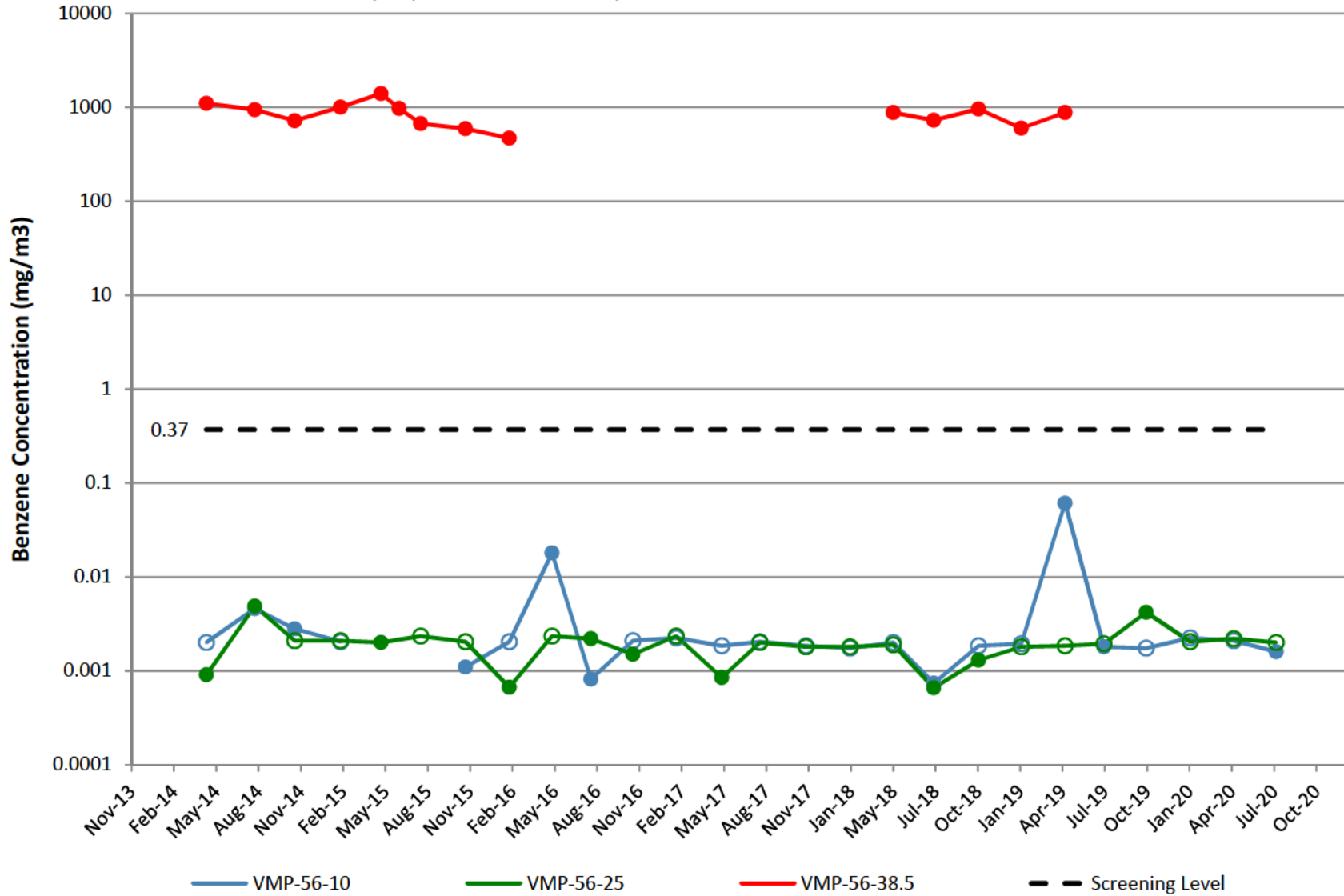
VMP-55

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.



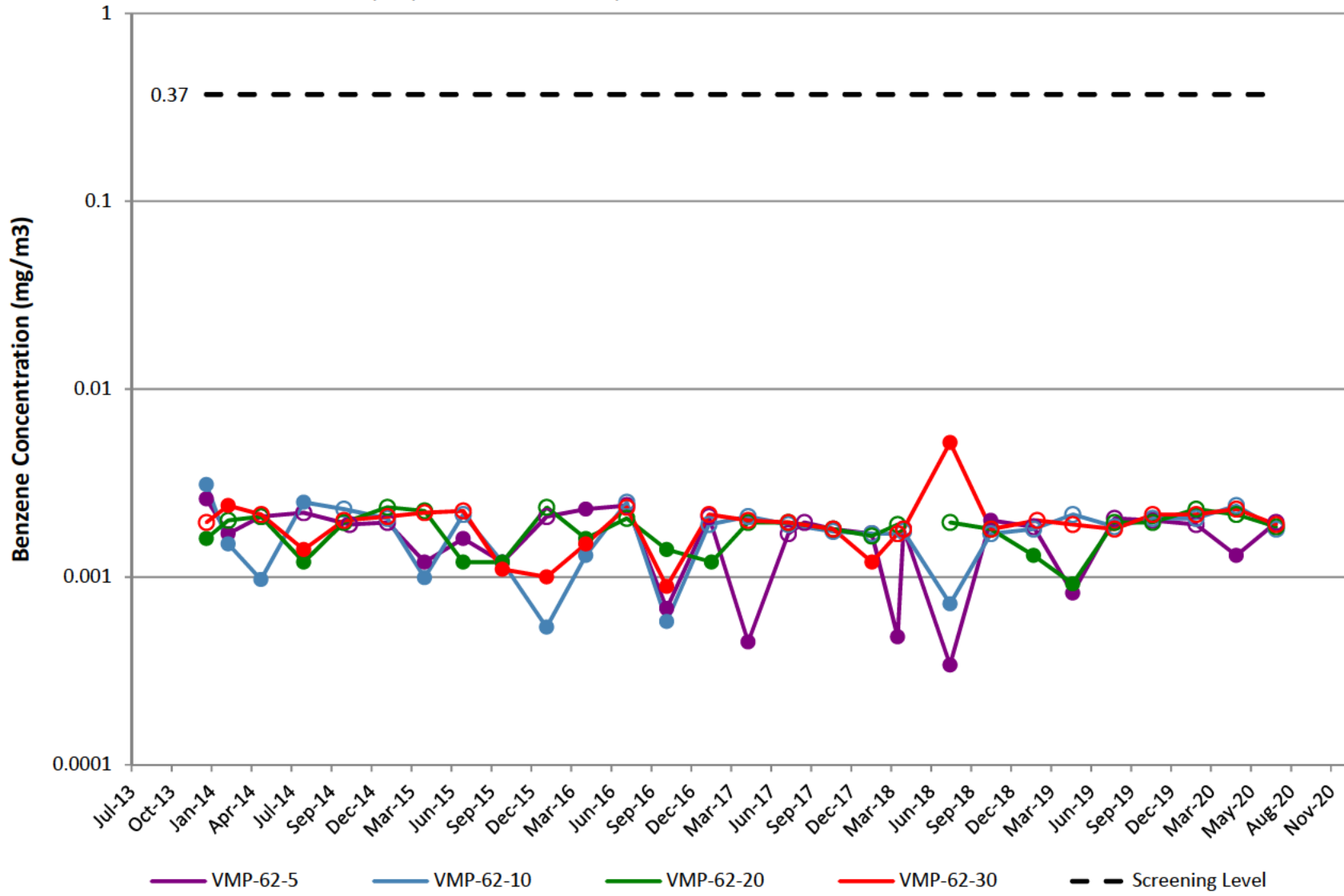
VMP-56

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.



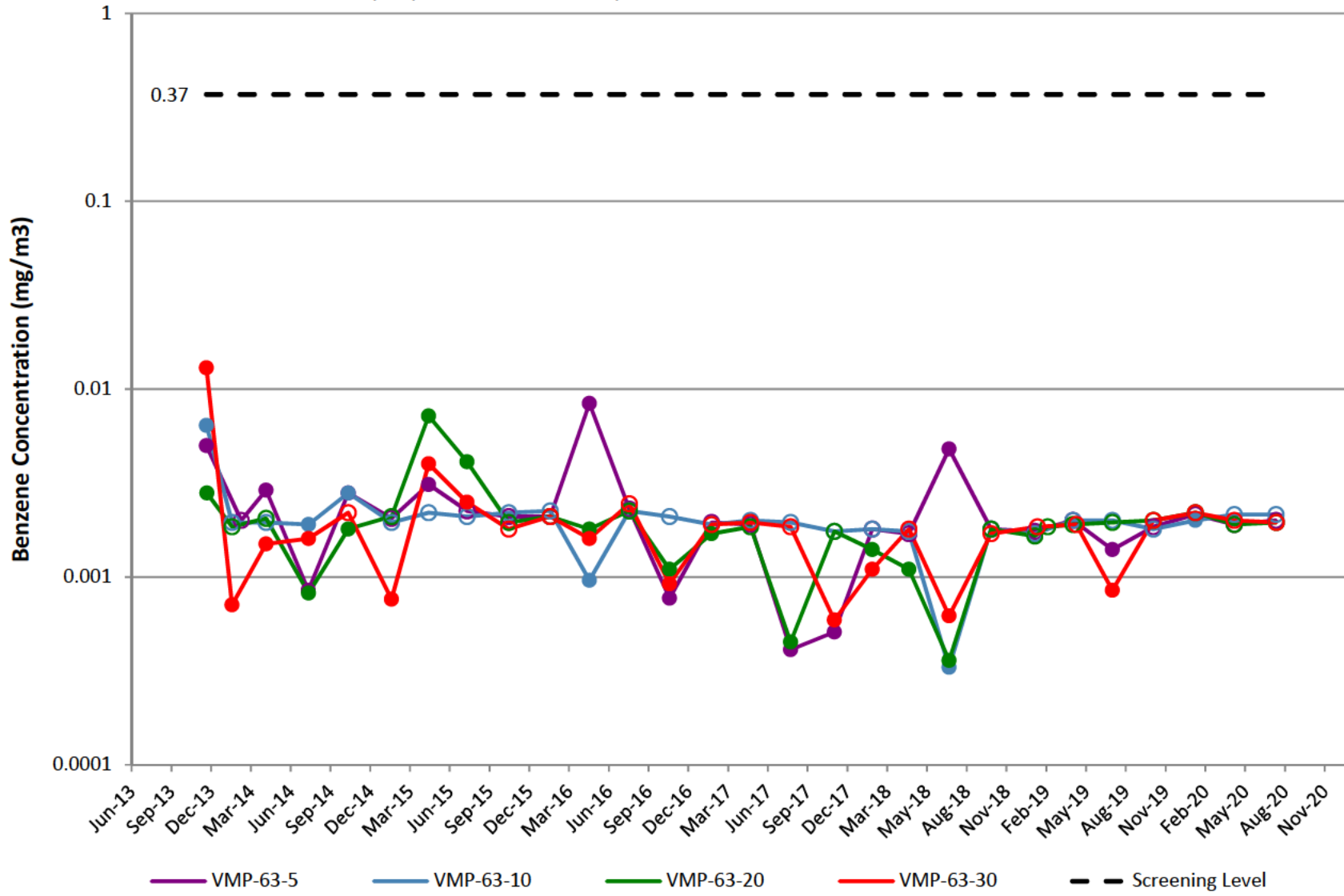
VMP-62

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.



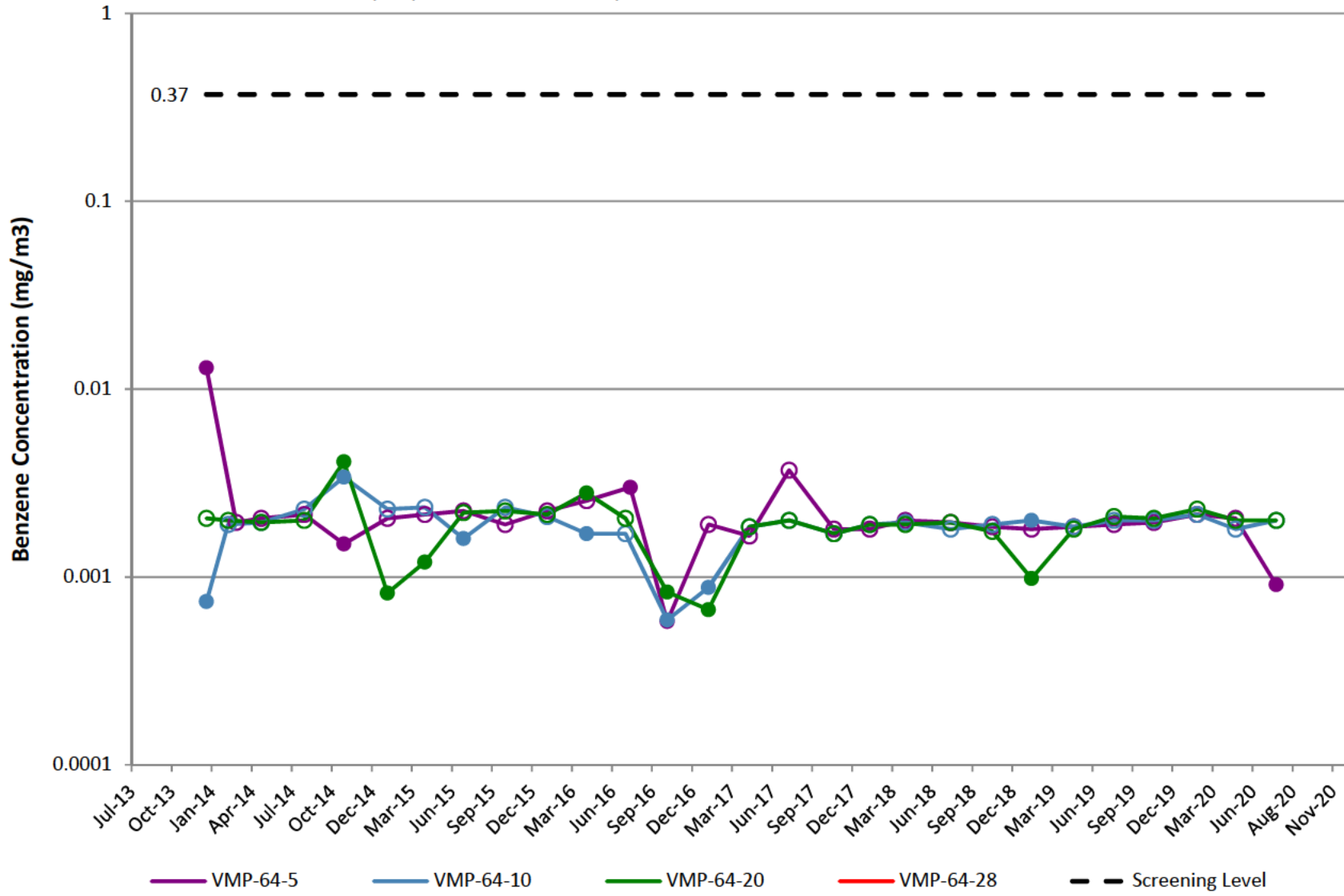
VMP-63

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.



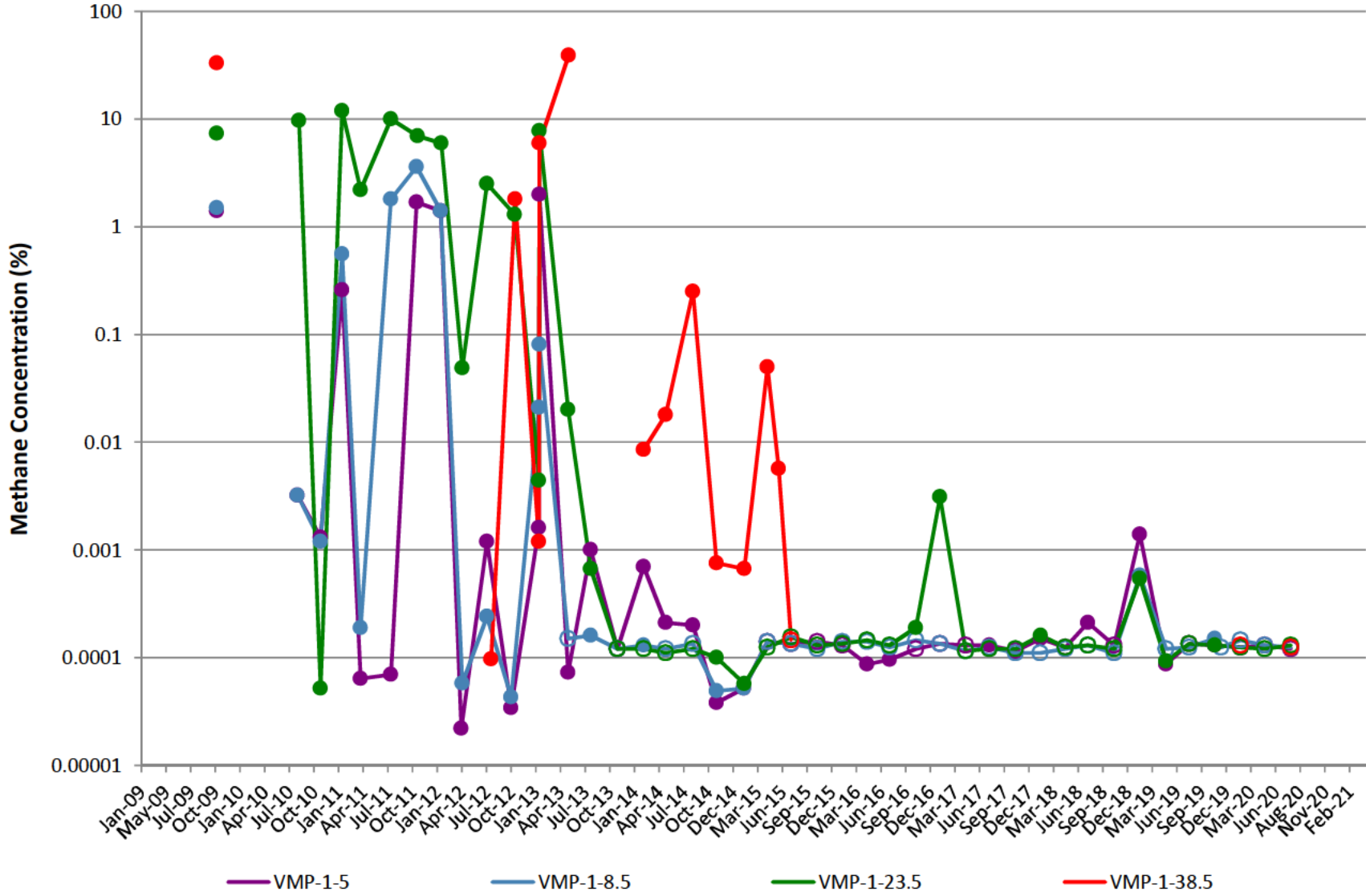
VMP-64

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.



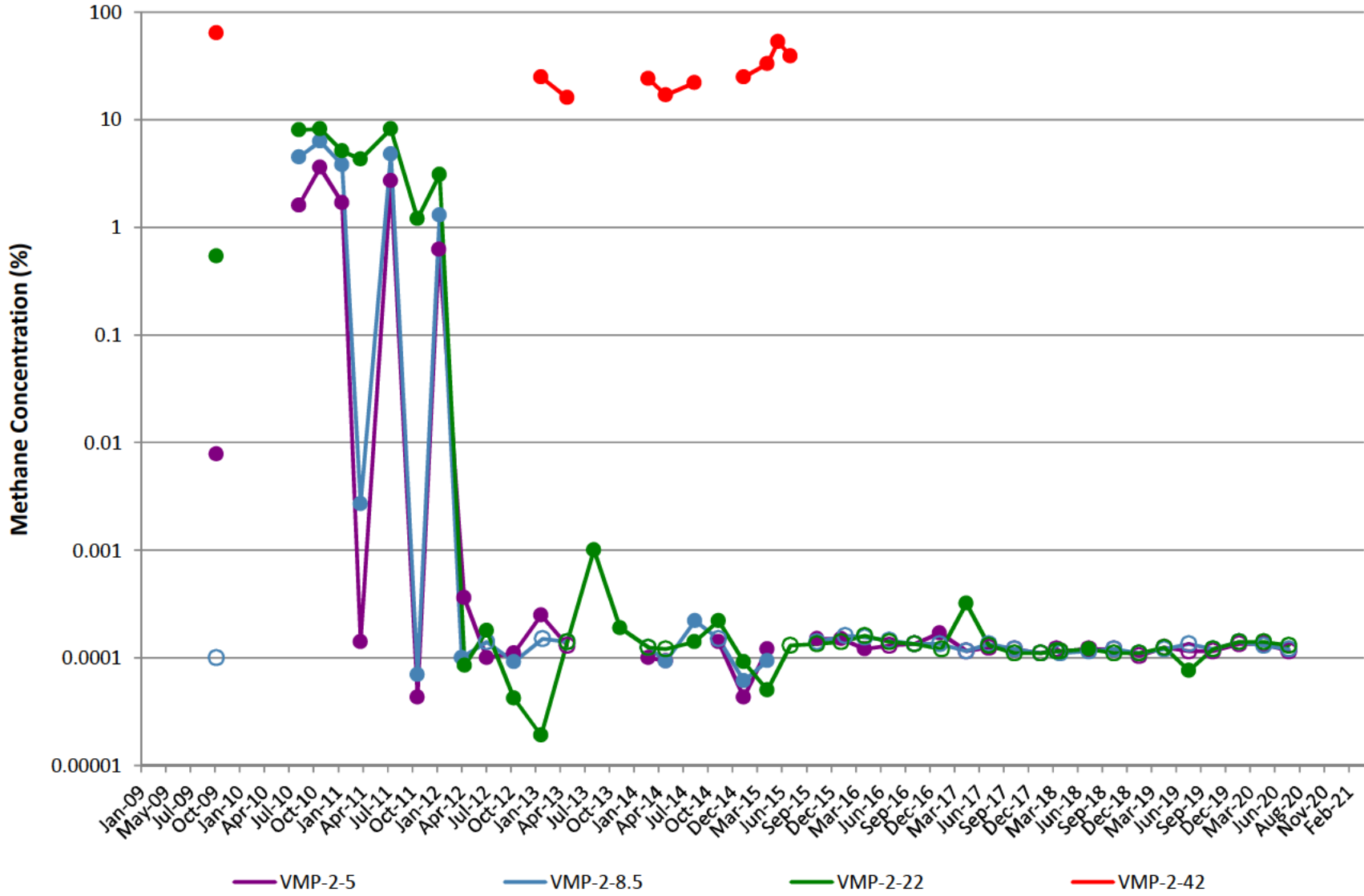
VMP-1

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.



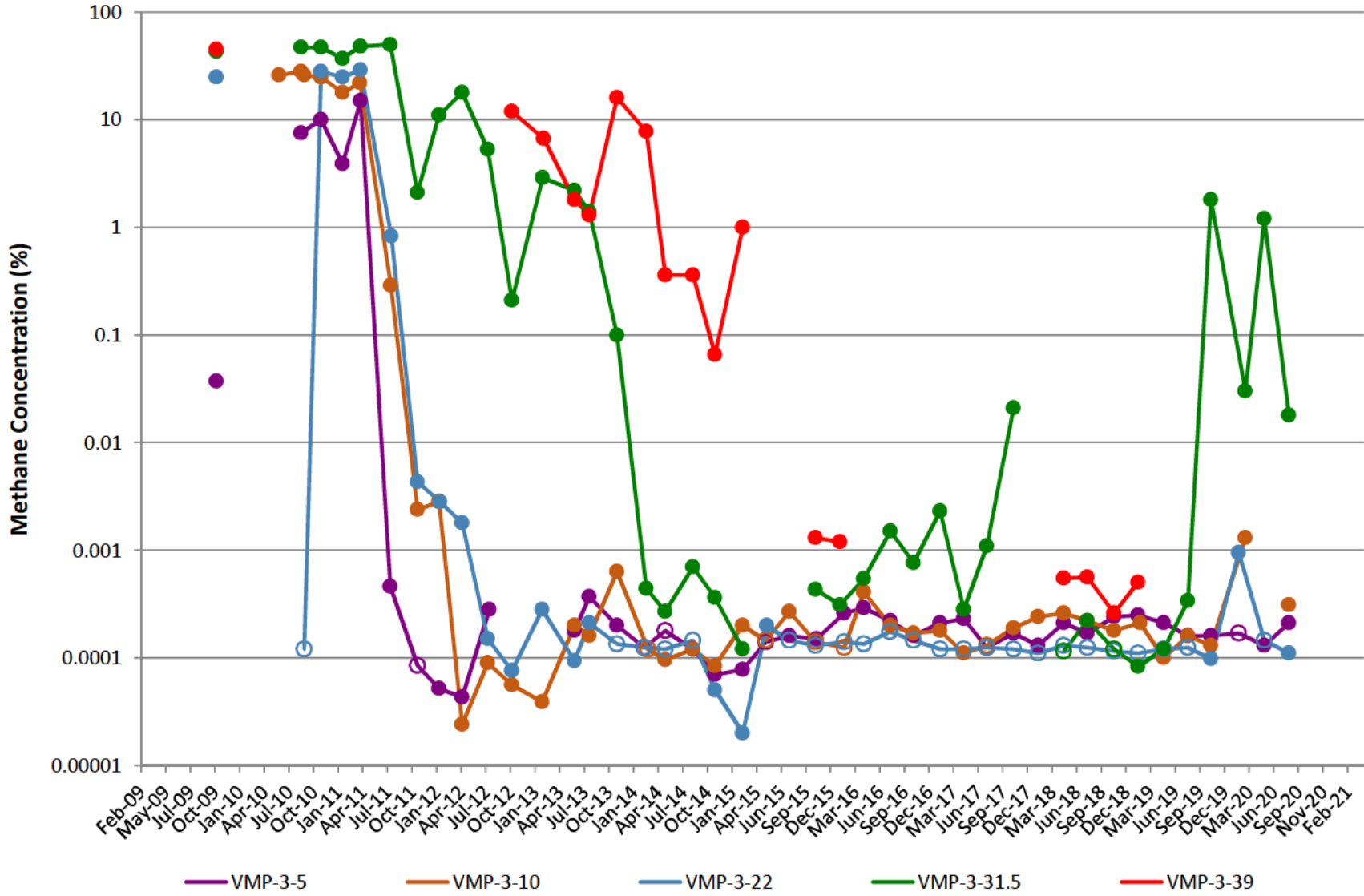
VMP-2

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.



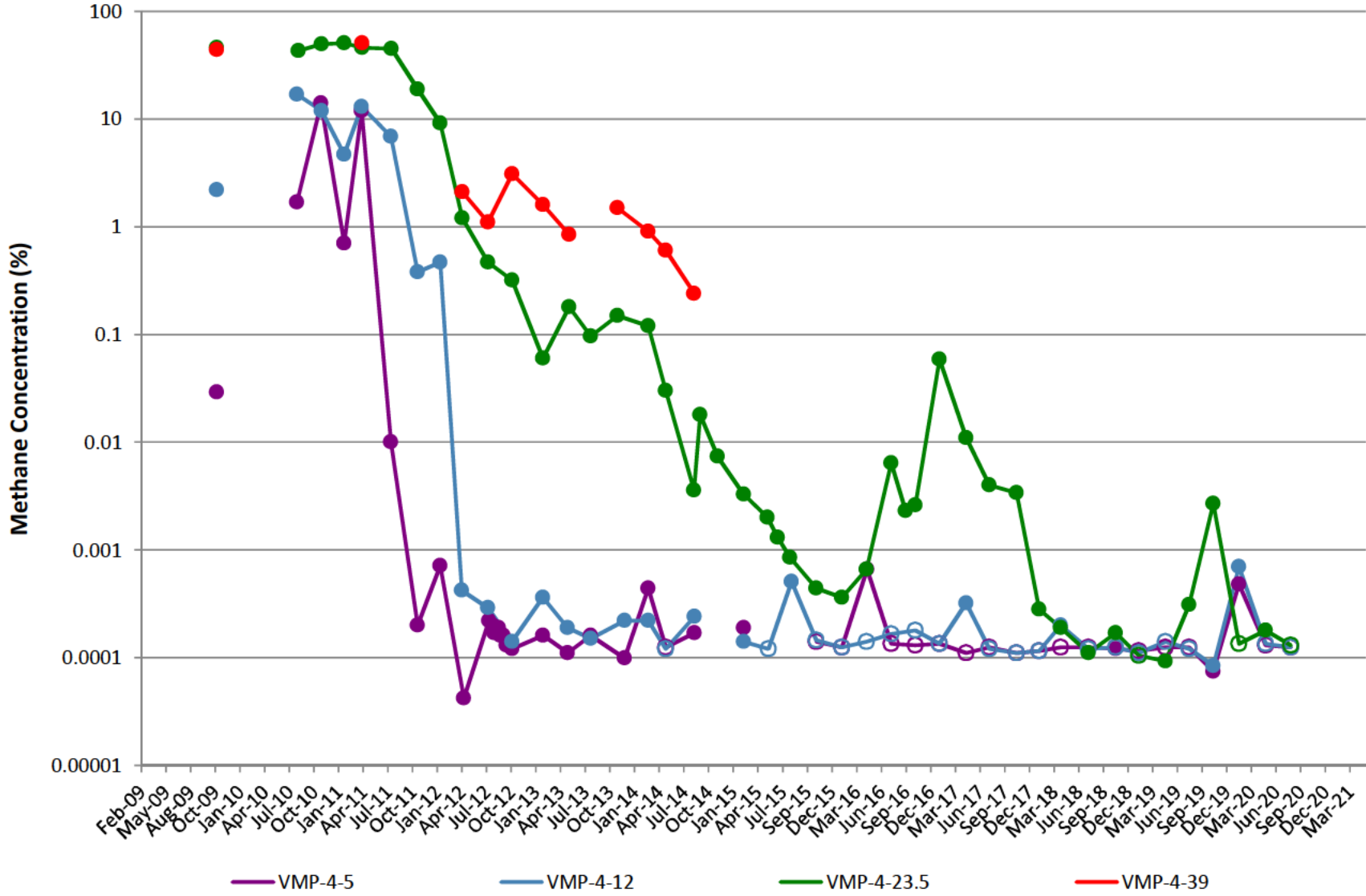
VMP-3

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.



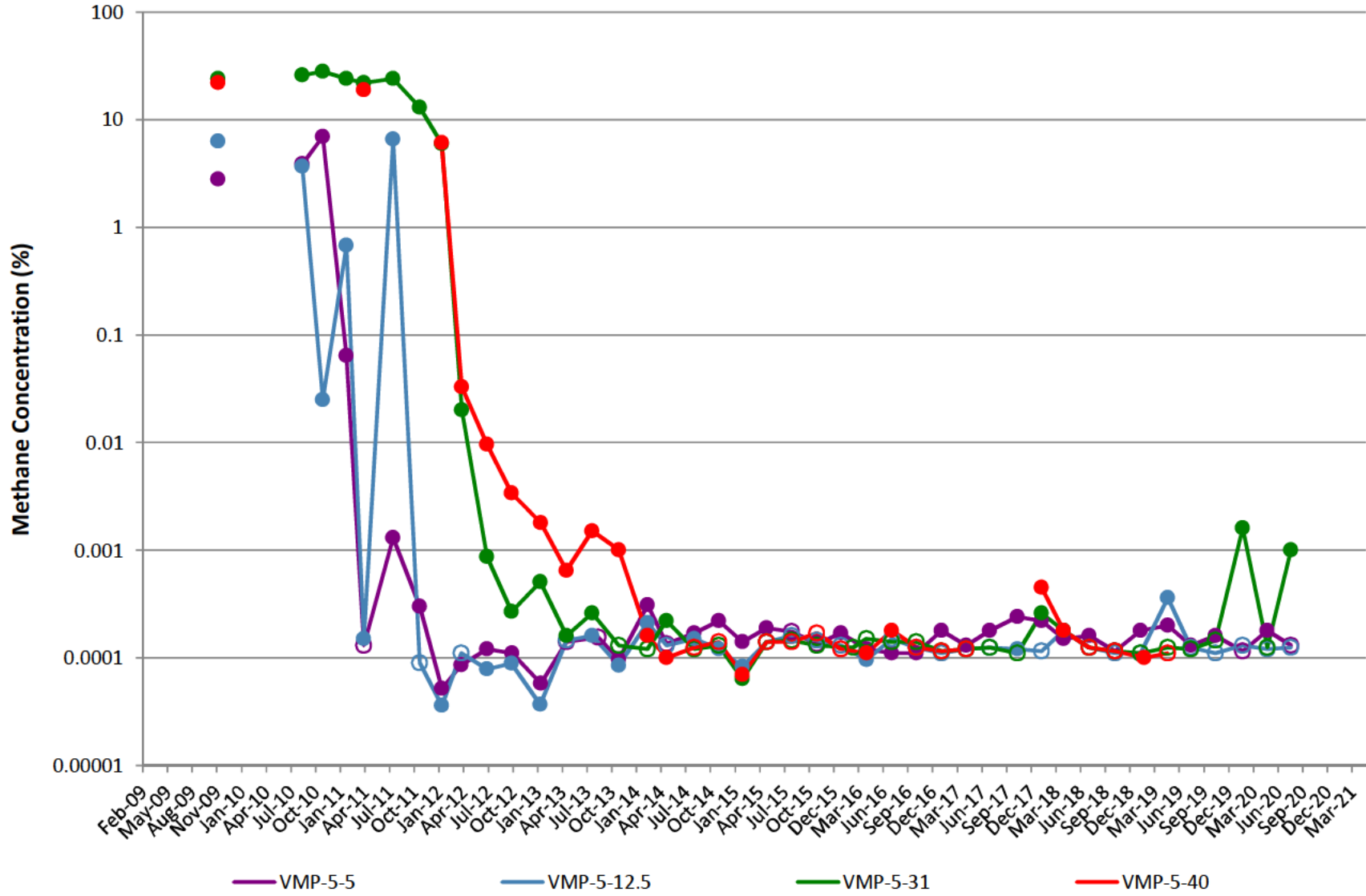
VMP-4

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.



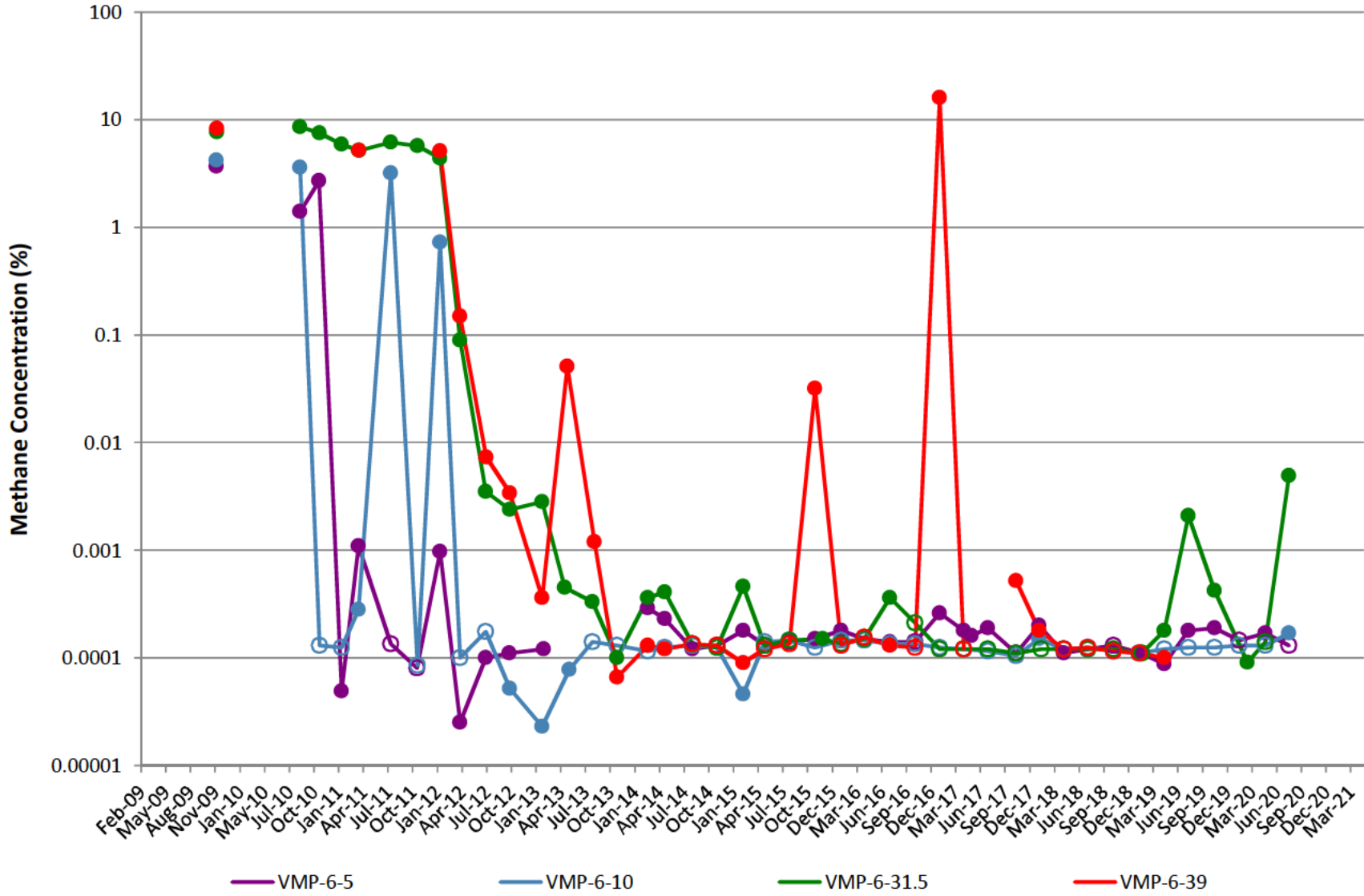
VMP-5

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.



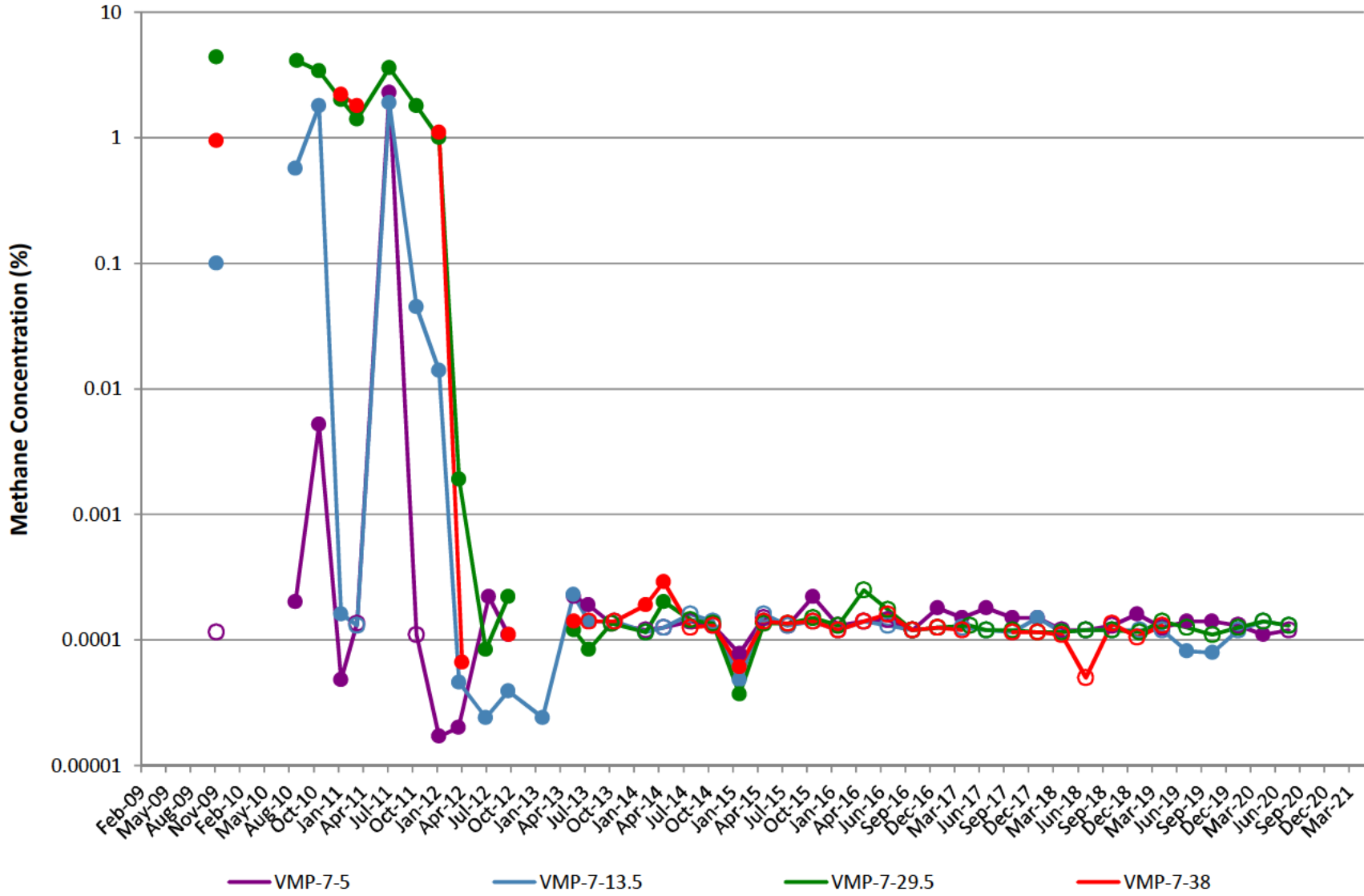
VMP-6

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.



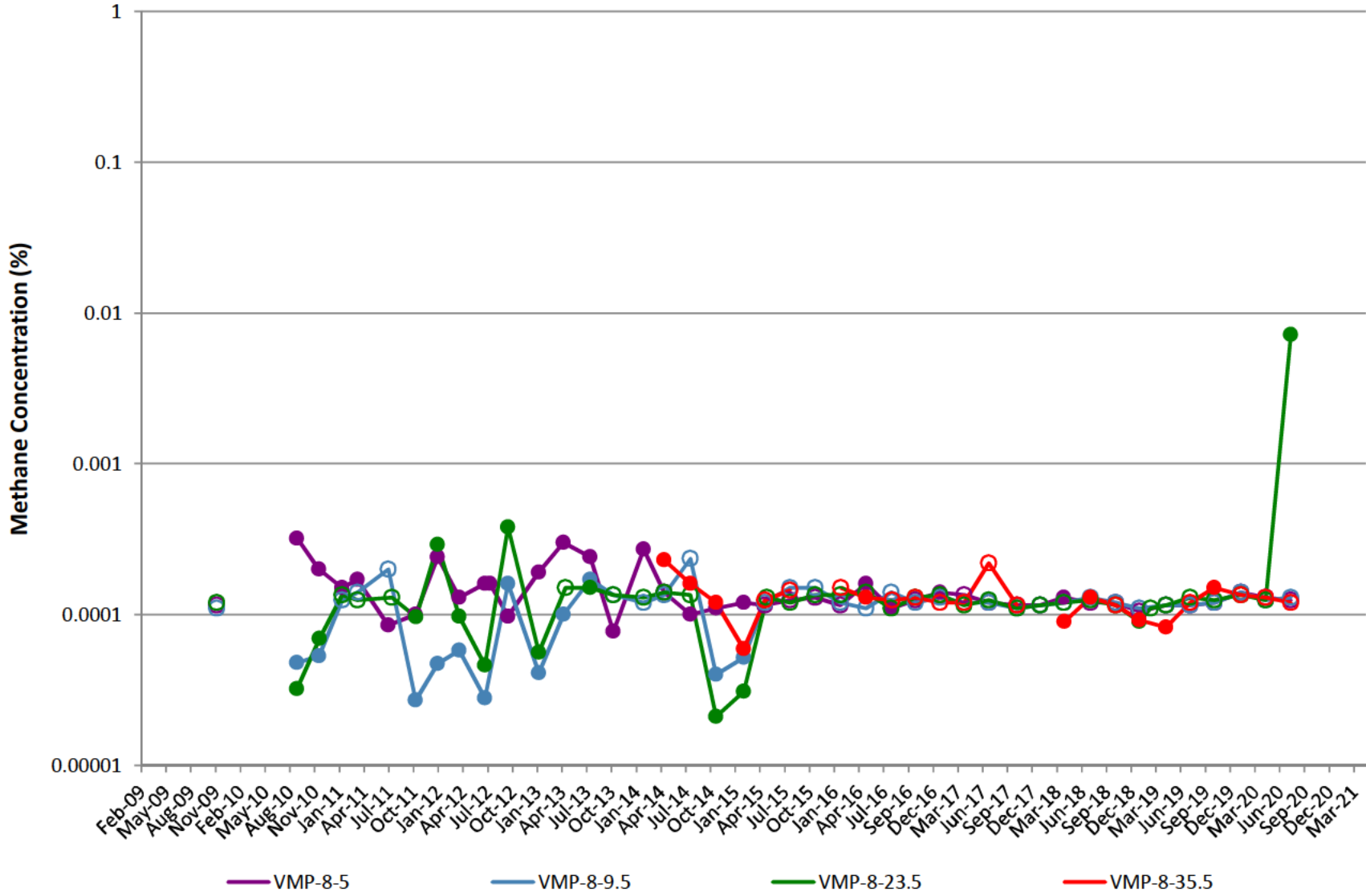
VMP-7

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.



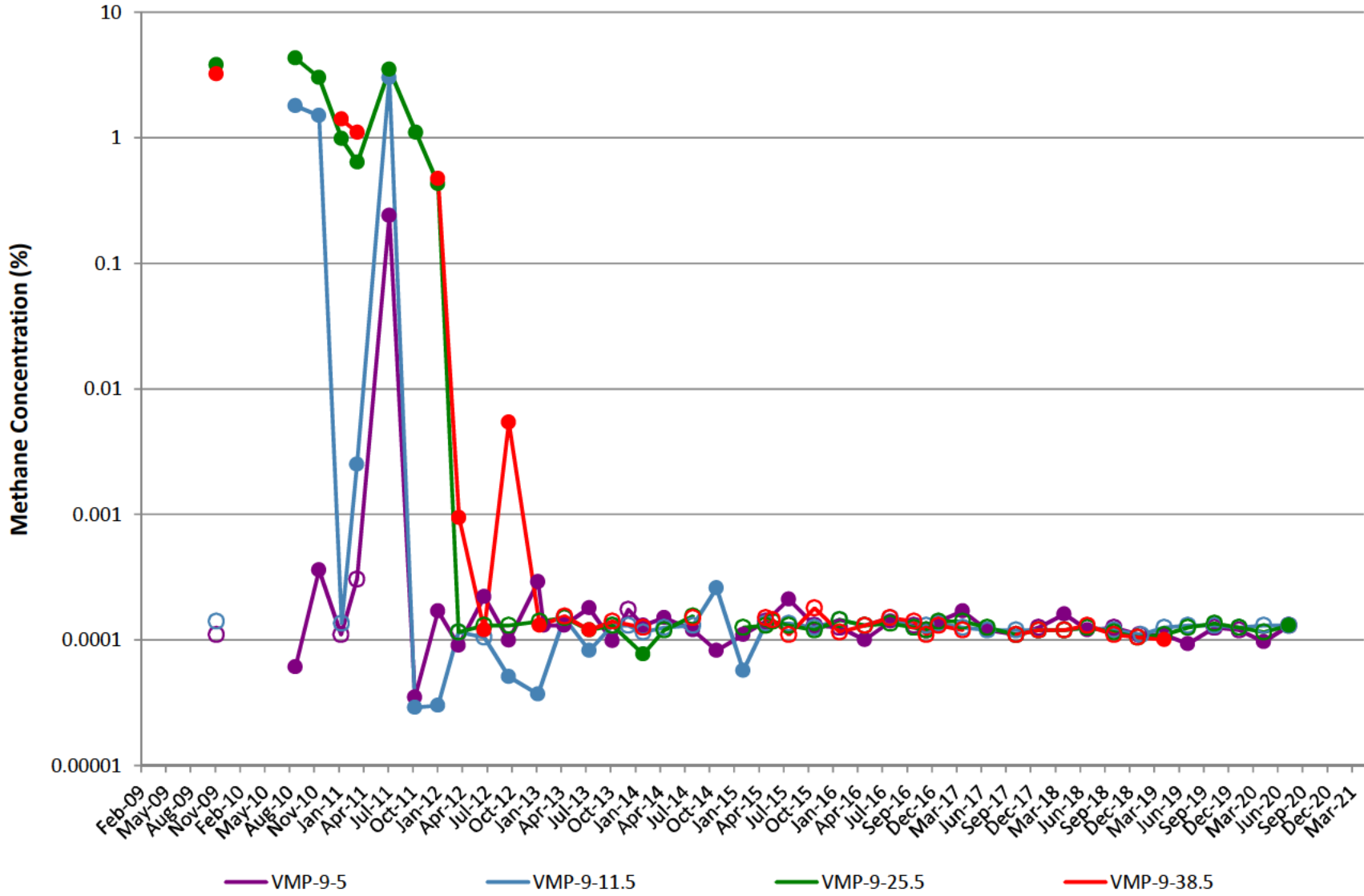
VMP-8

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.



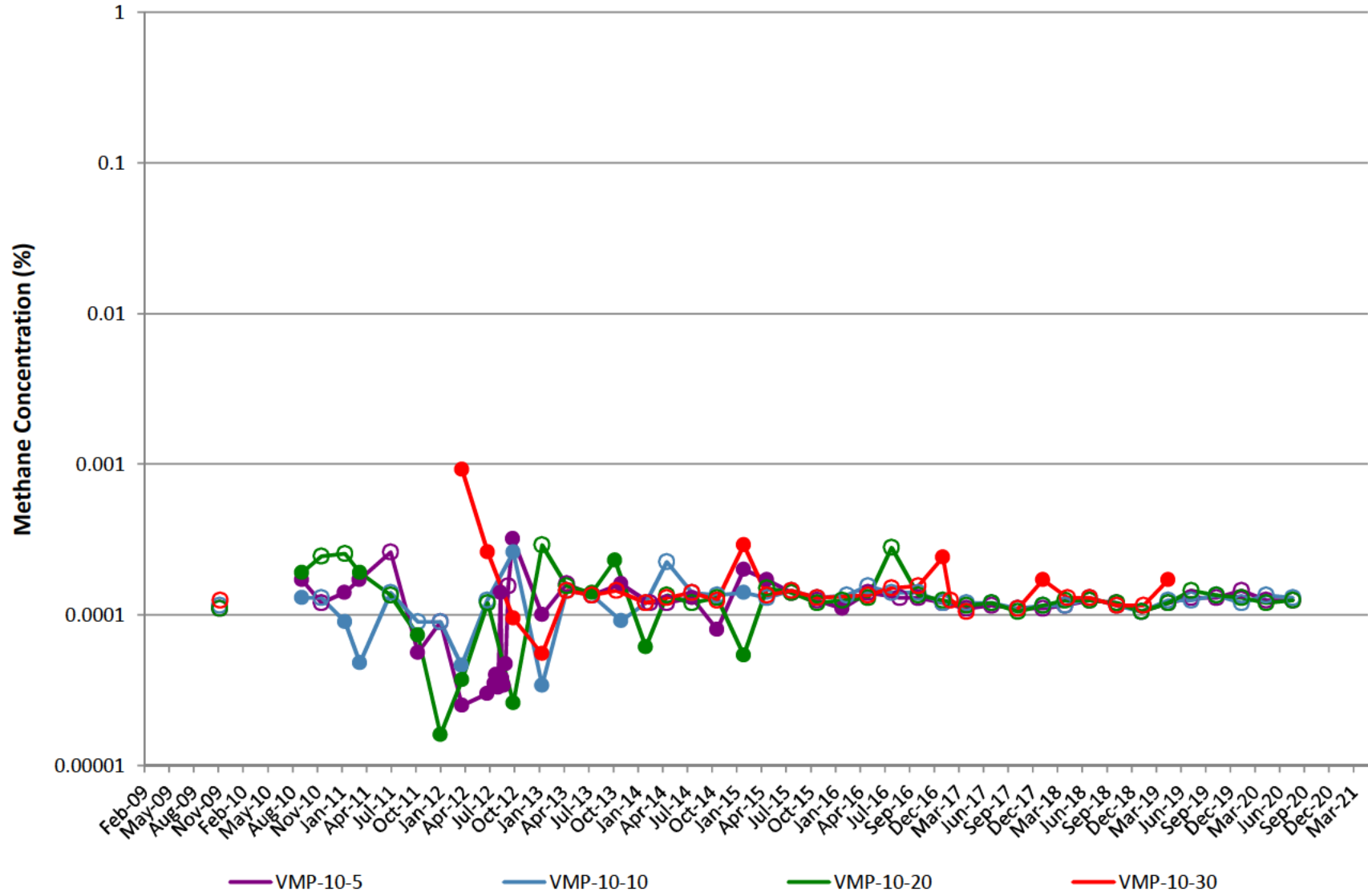
VMP-9

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.



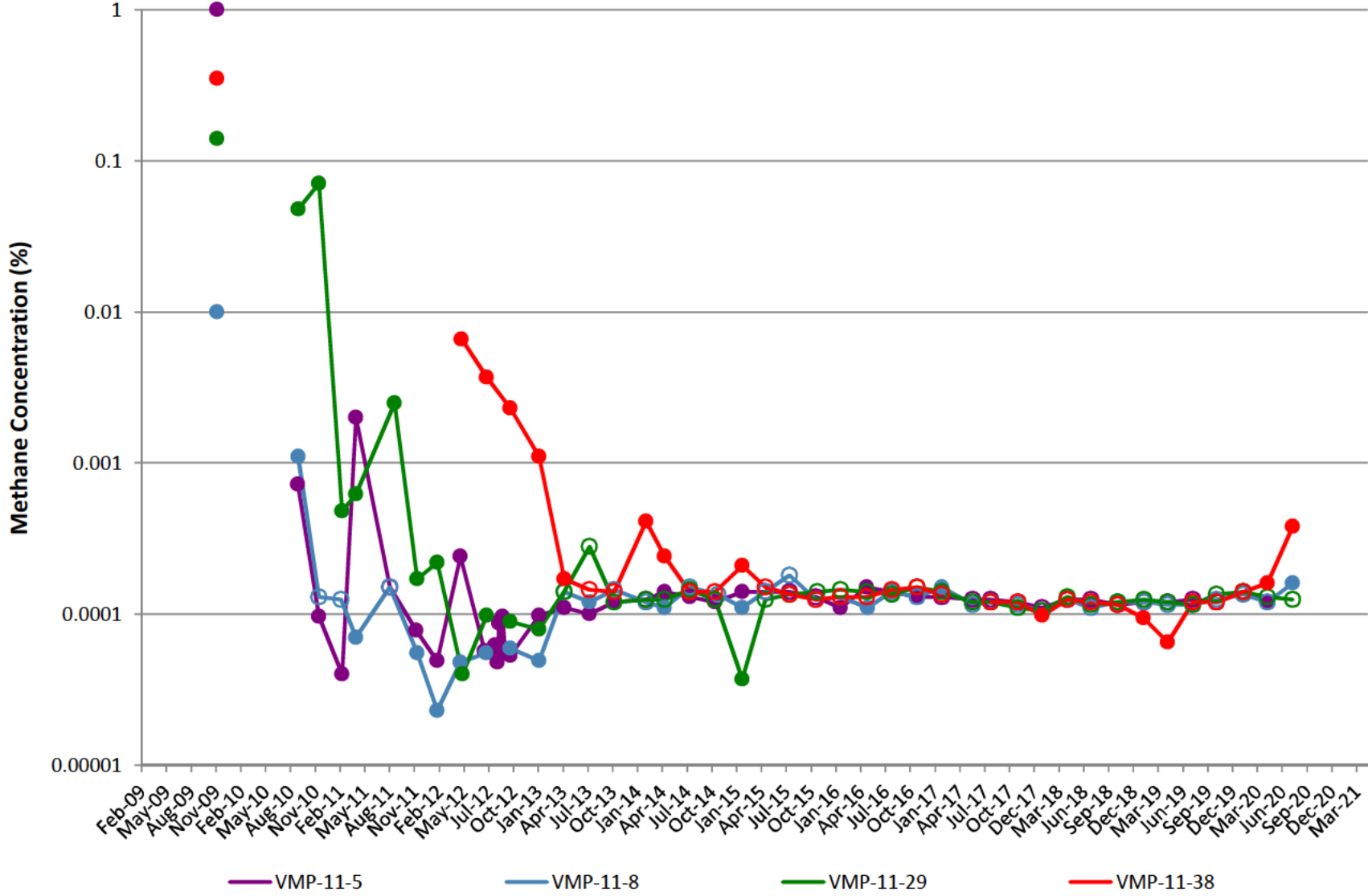
VMP-10

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.



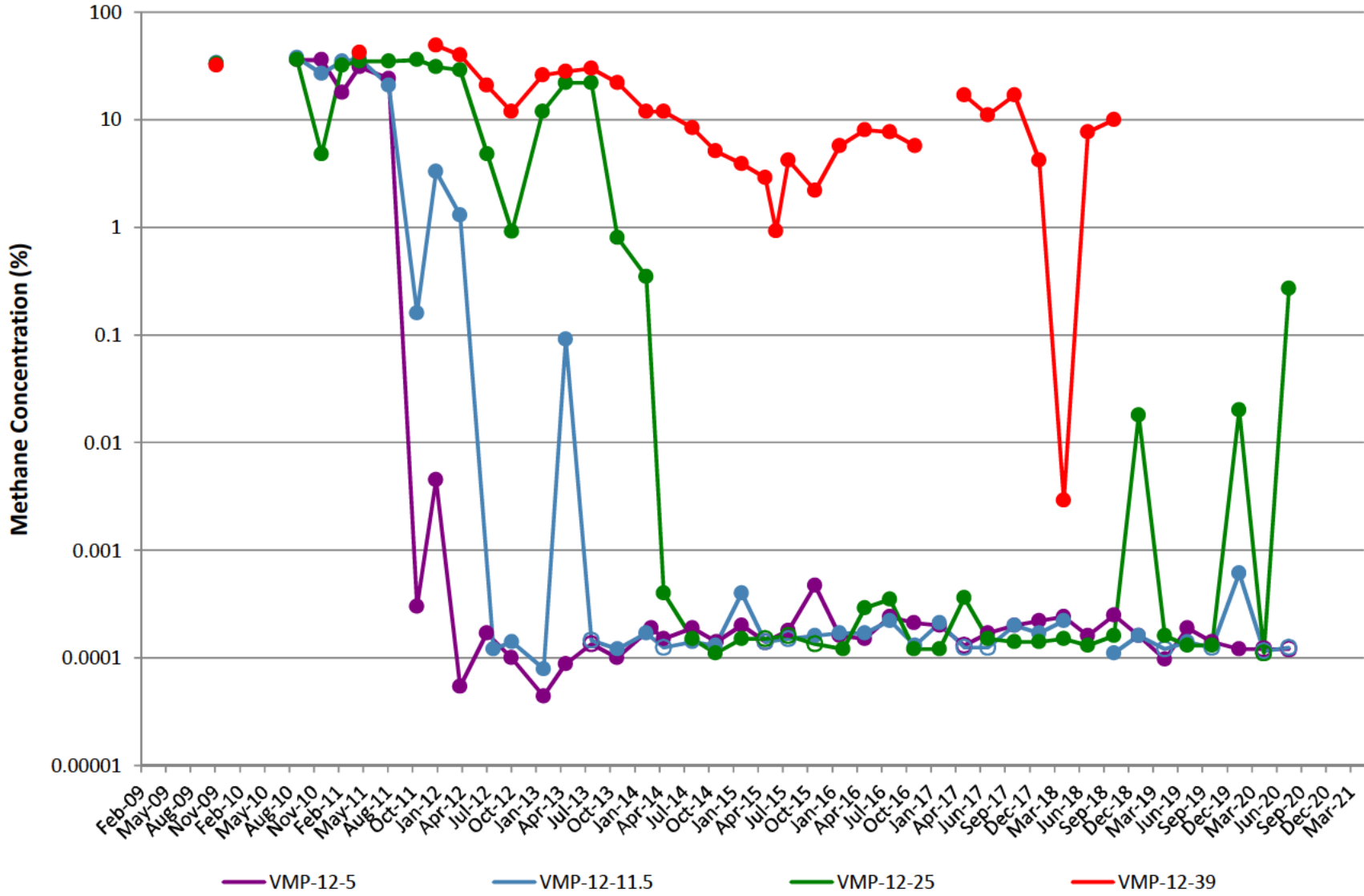
VMP-11

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.



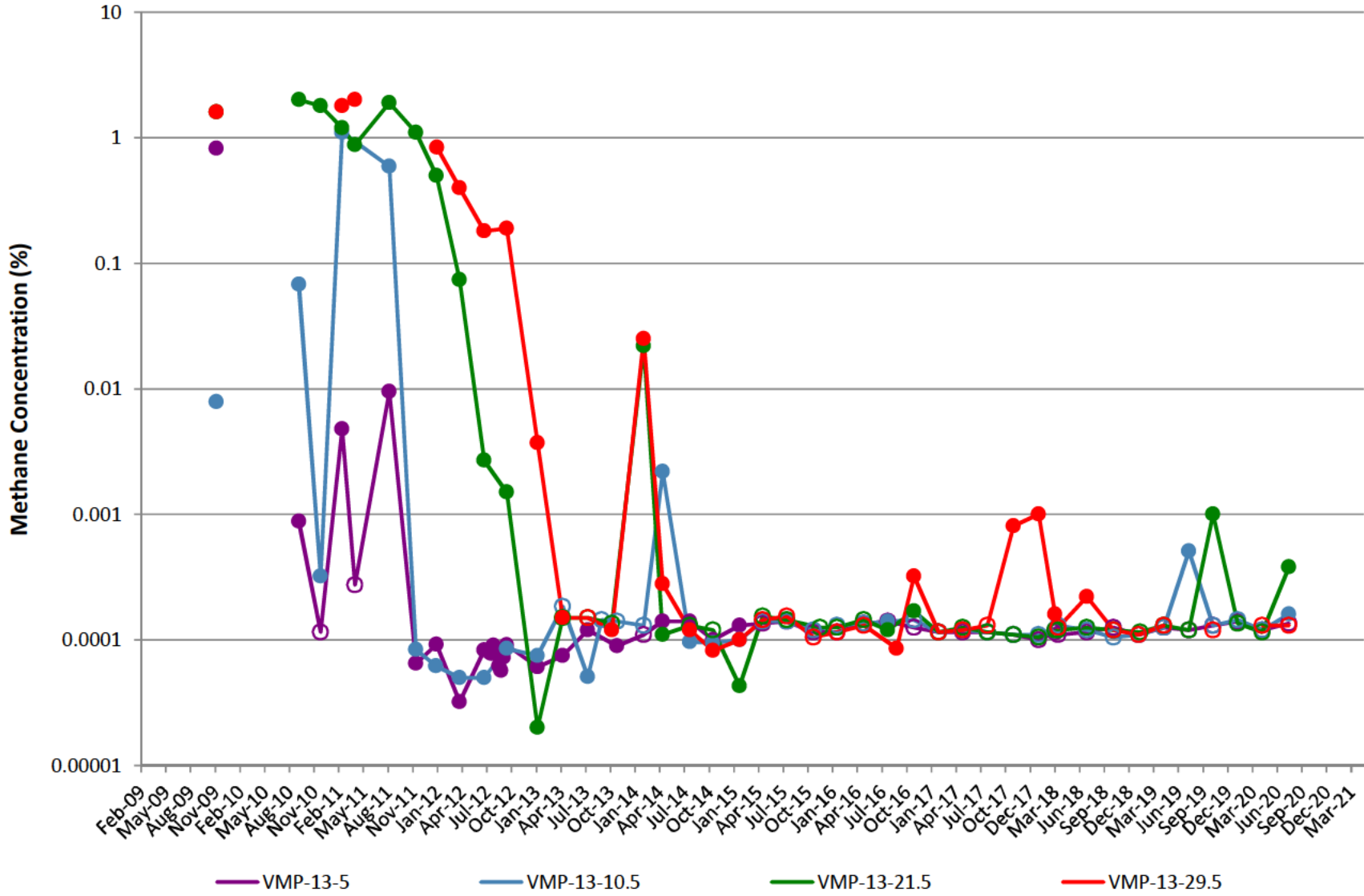
VMP-12

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.



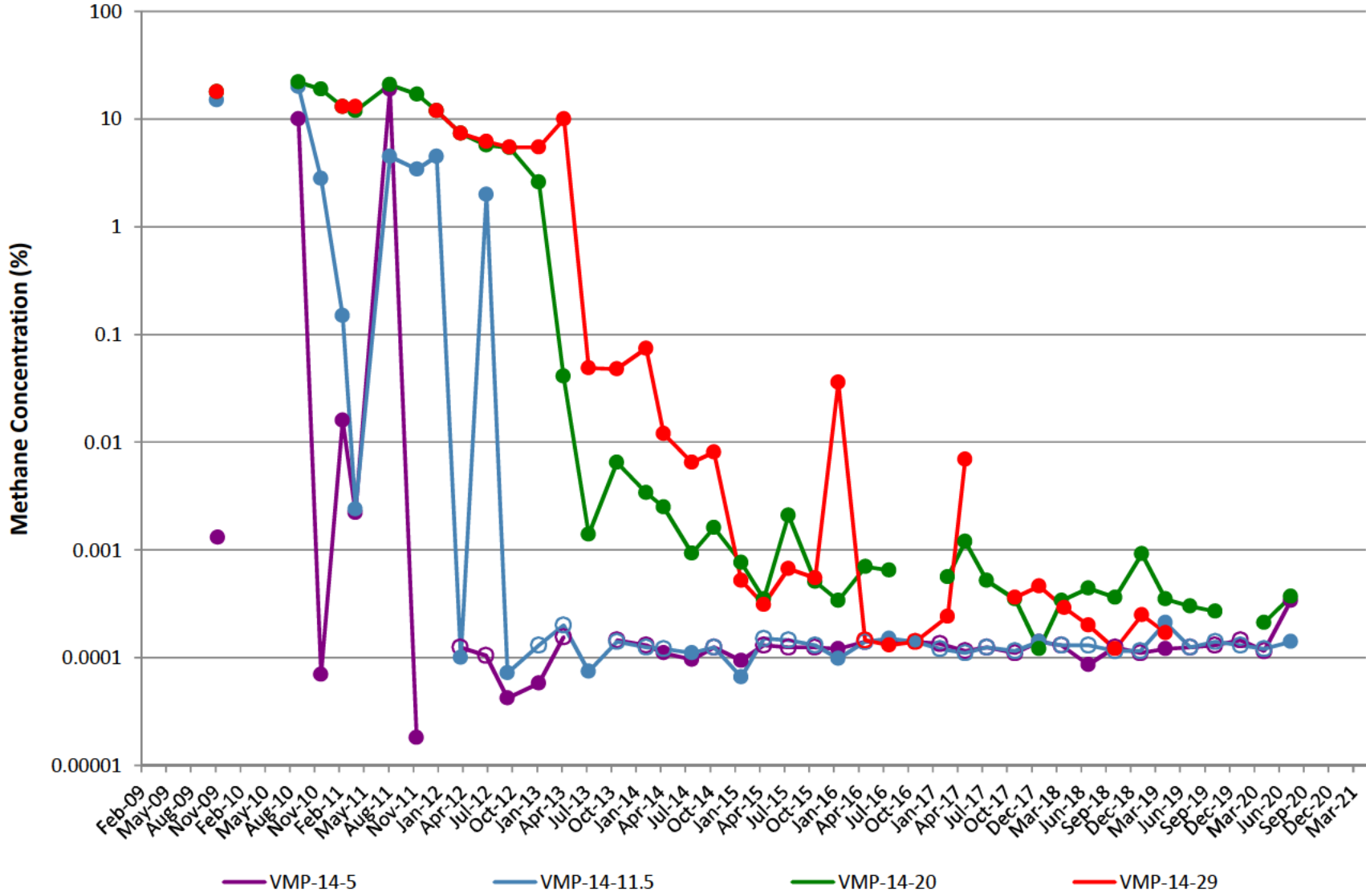
VMP-13

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.



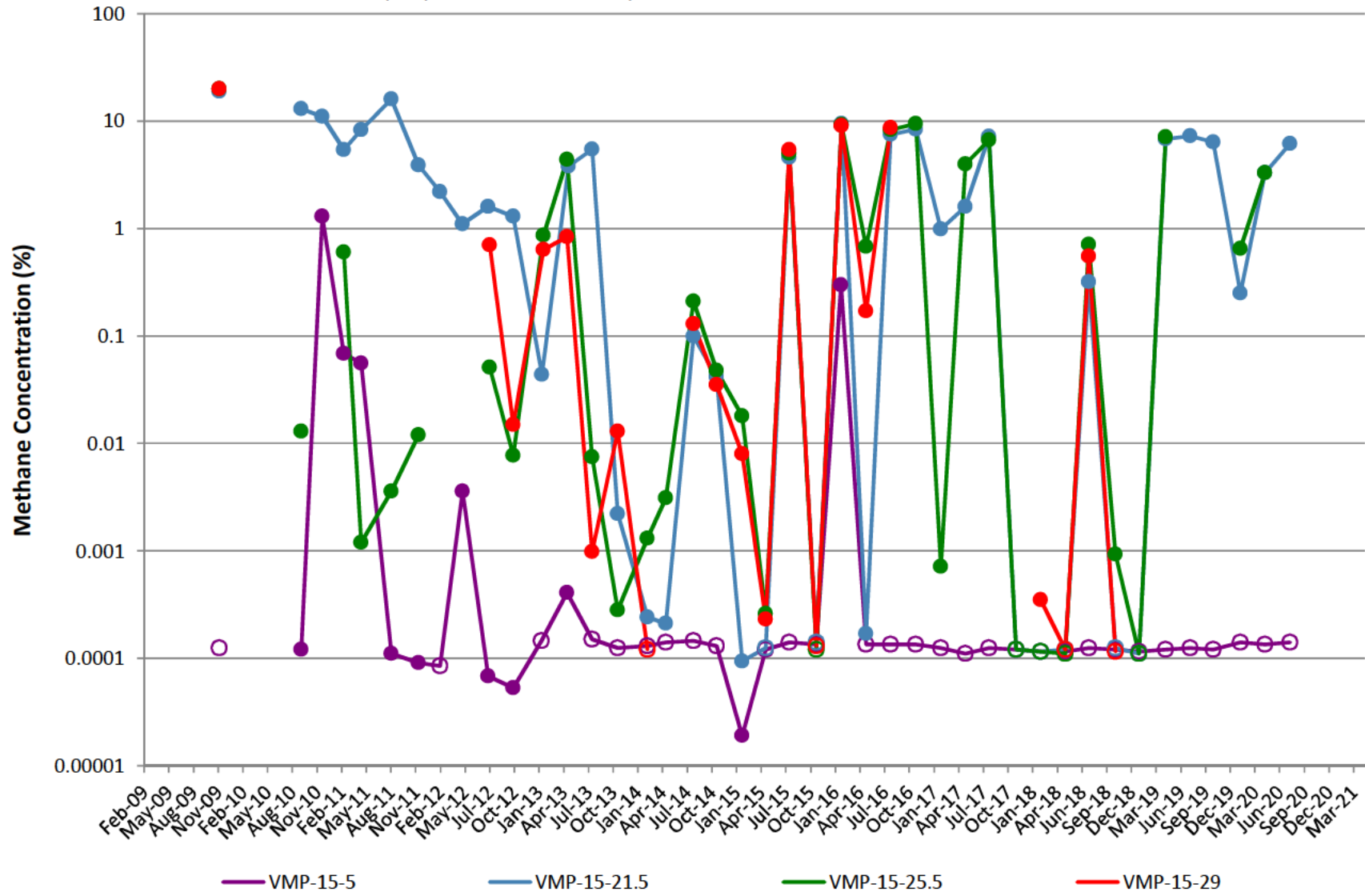
VMP-14

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.



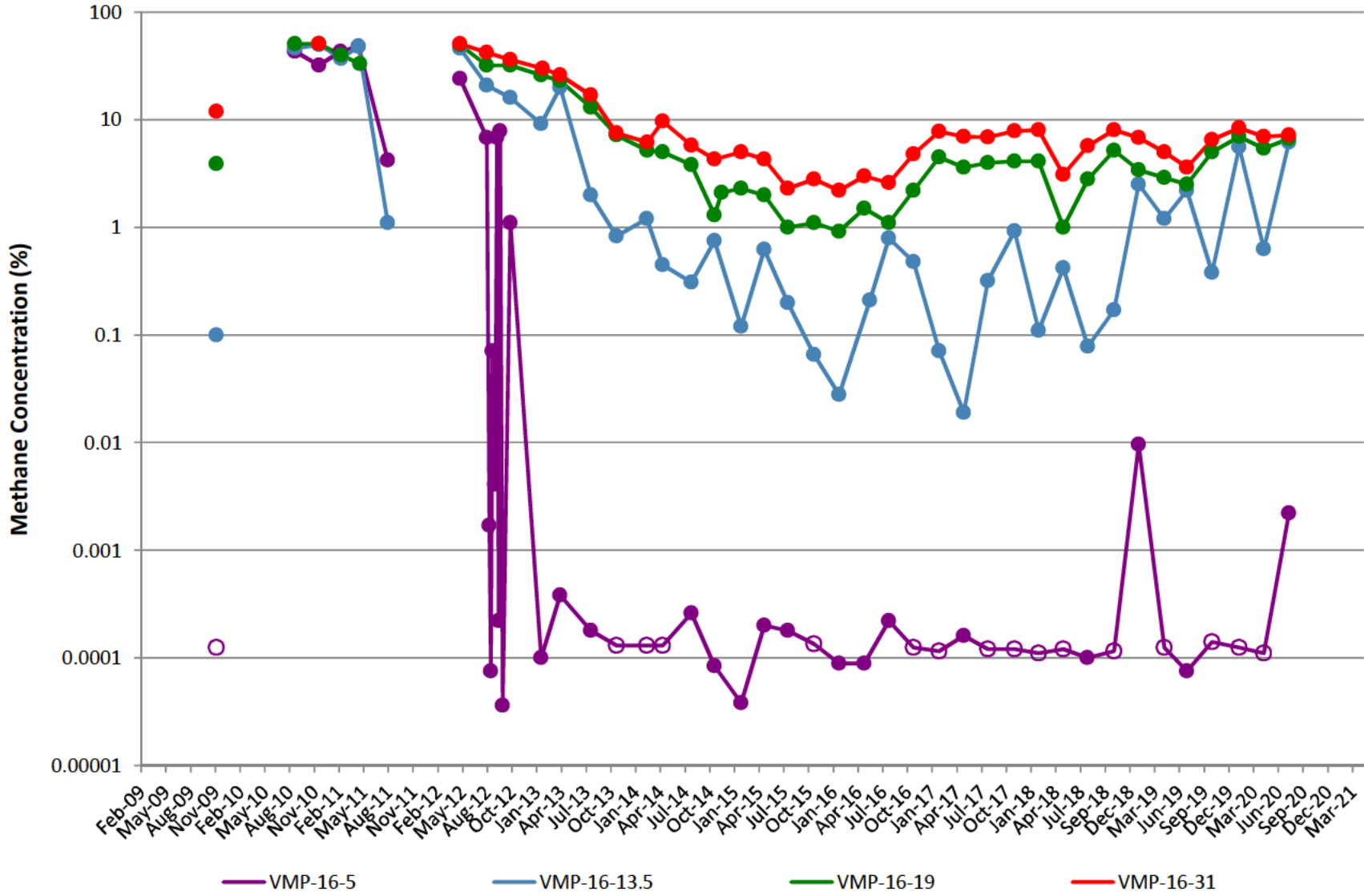
VMP-15

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.



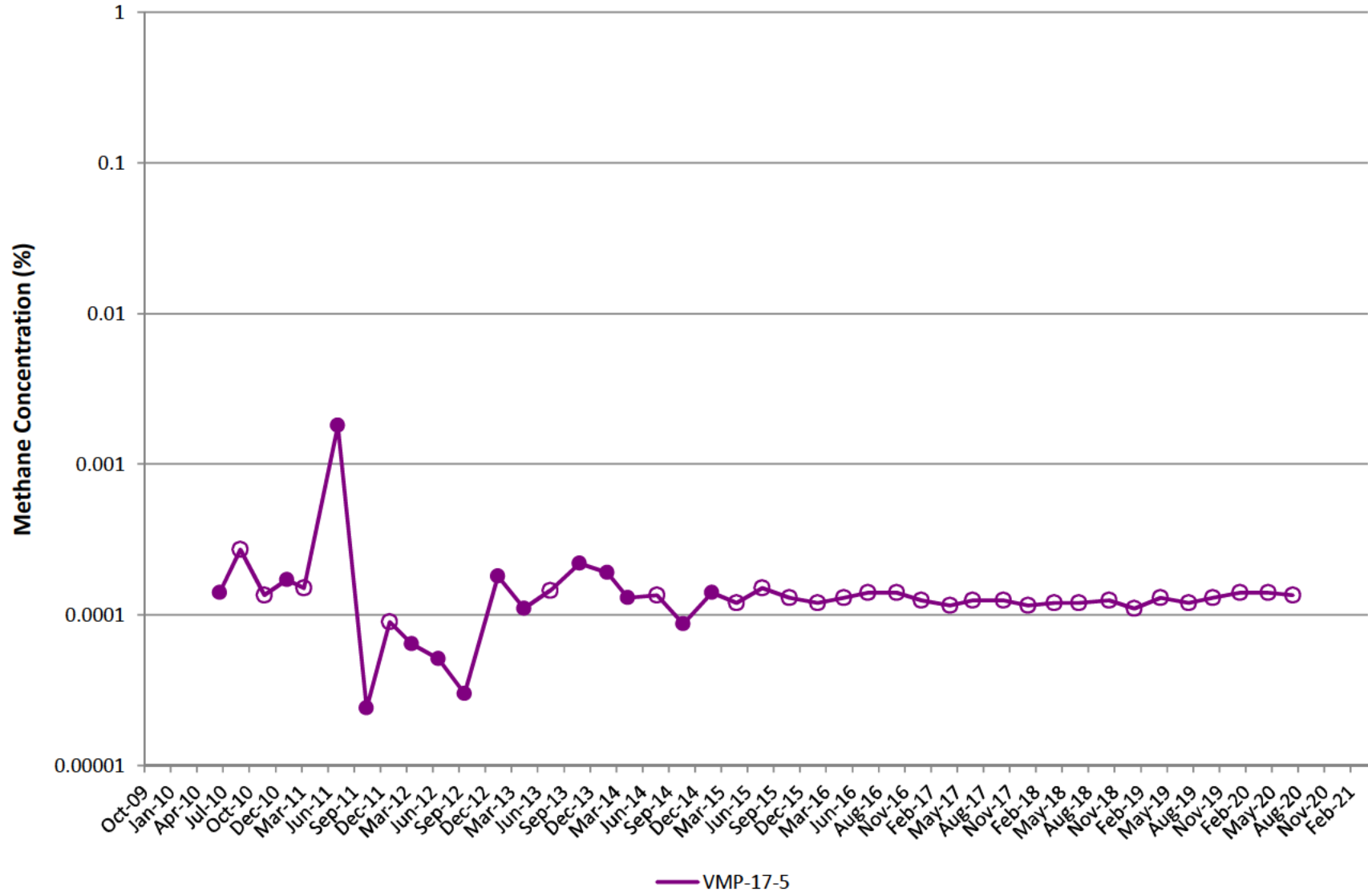
VMP-16

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.



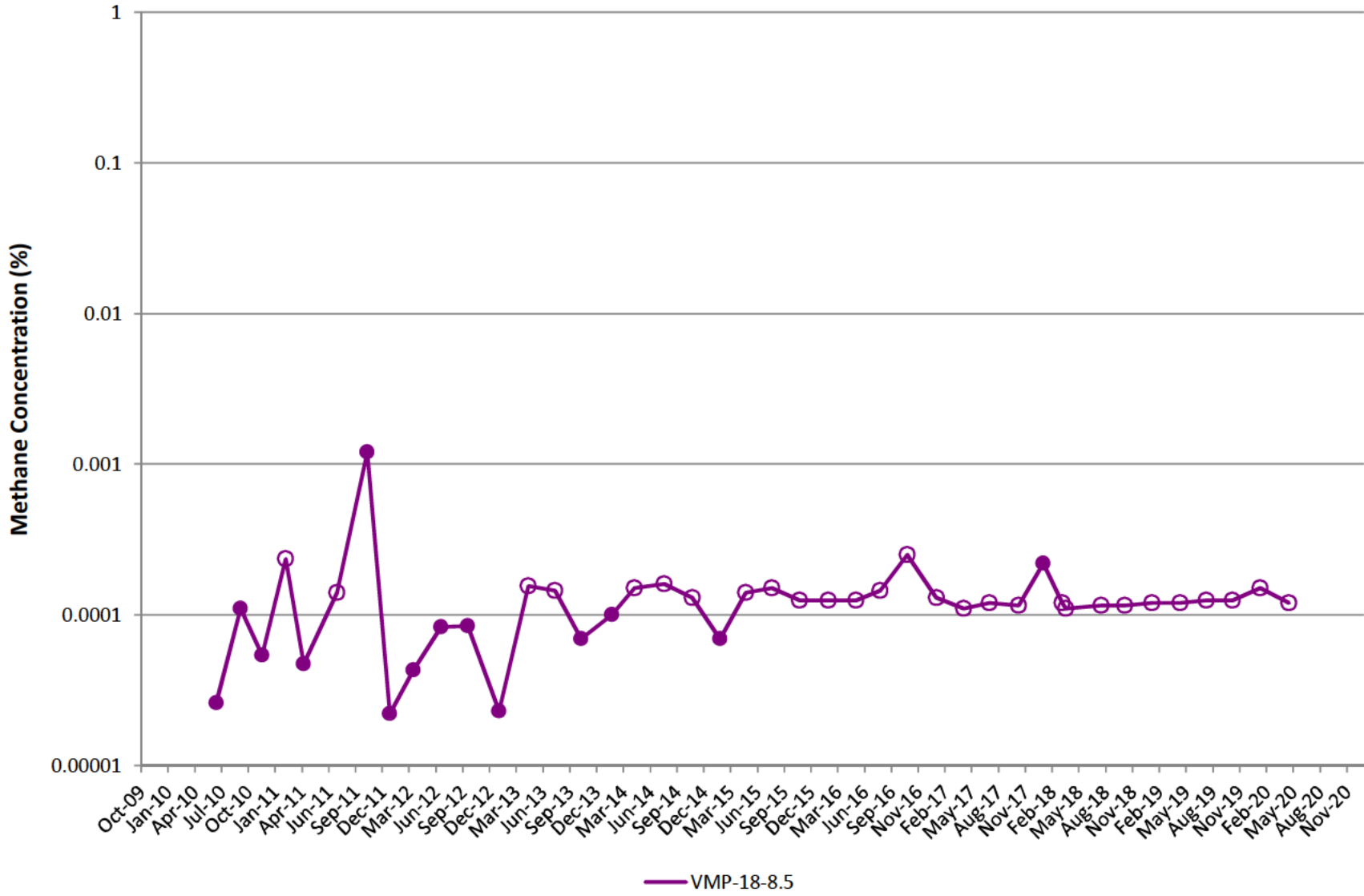
VMP-17

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.



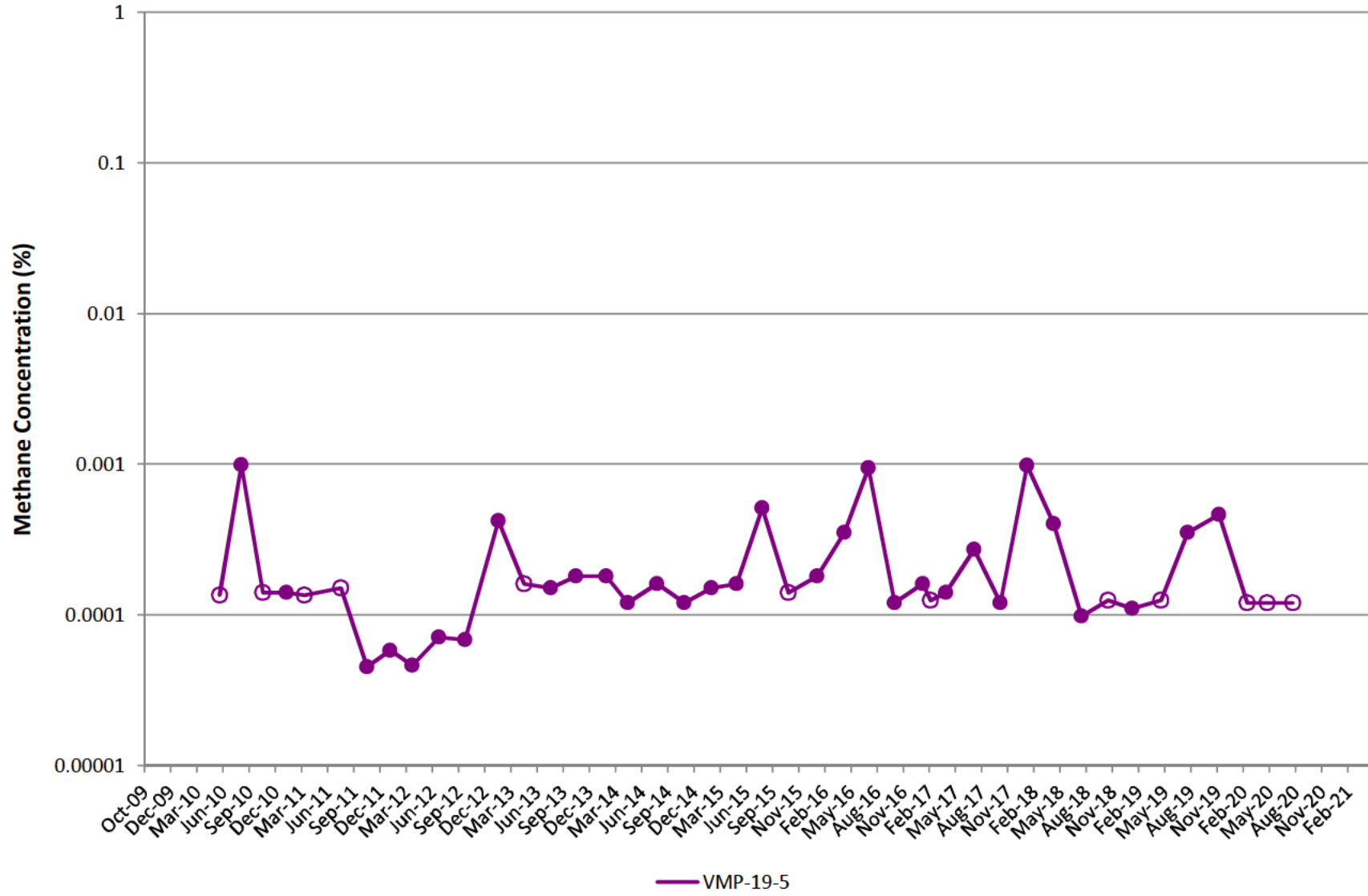
VMP-18

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.



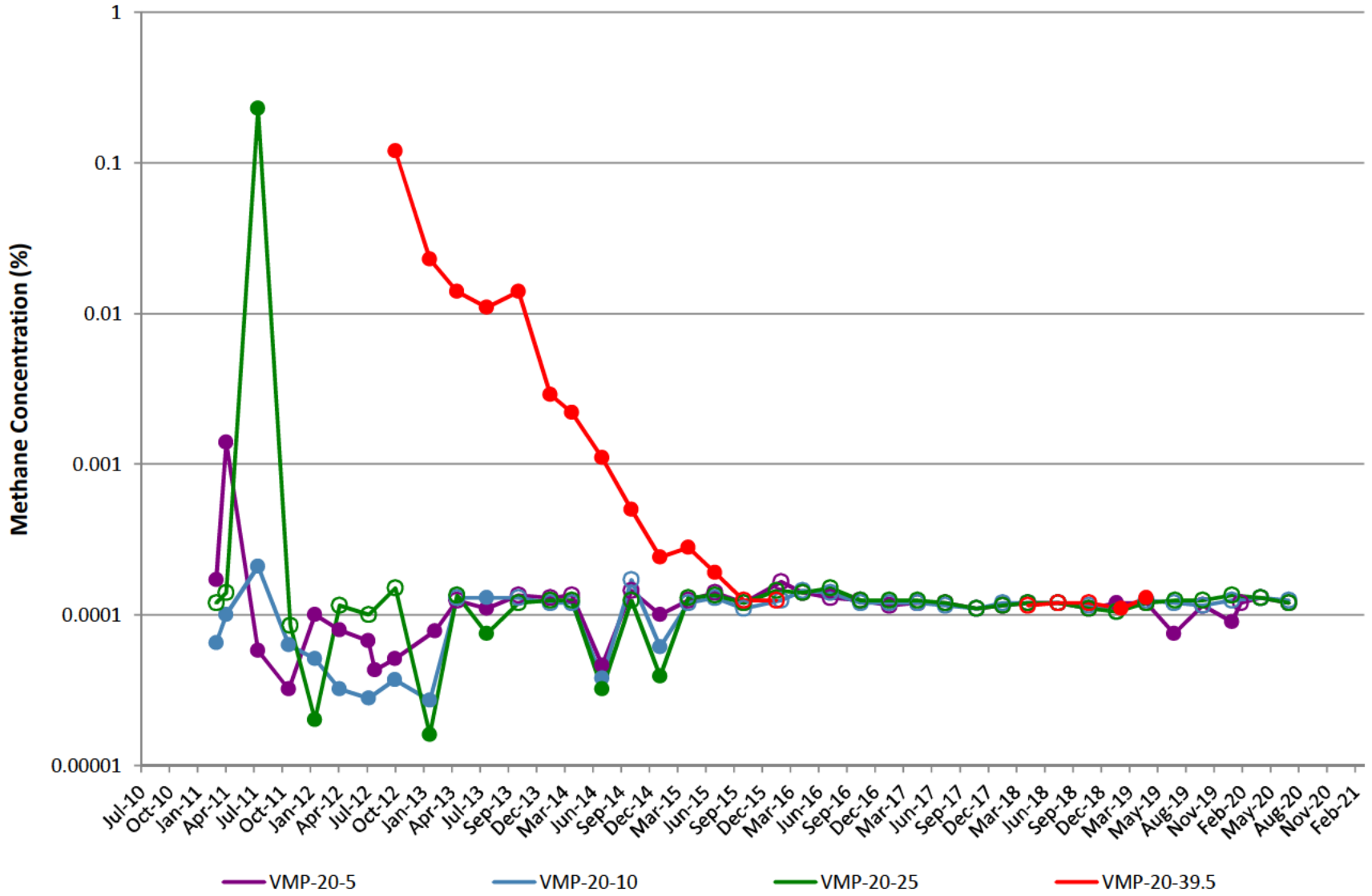
VMP-19

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.



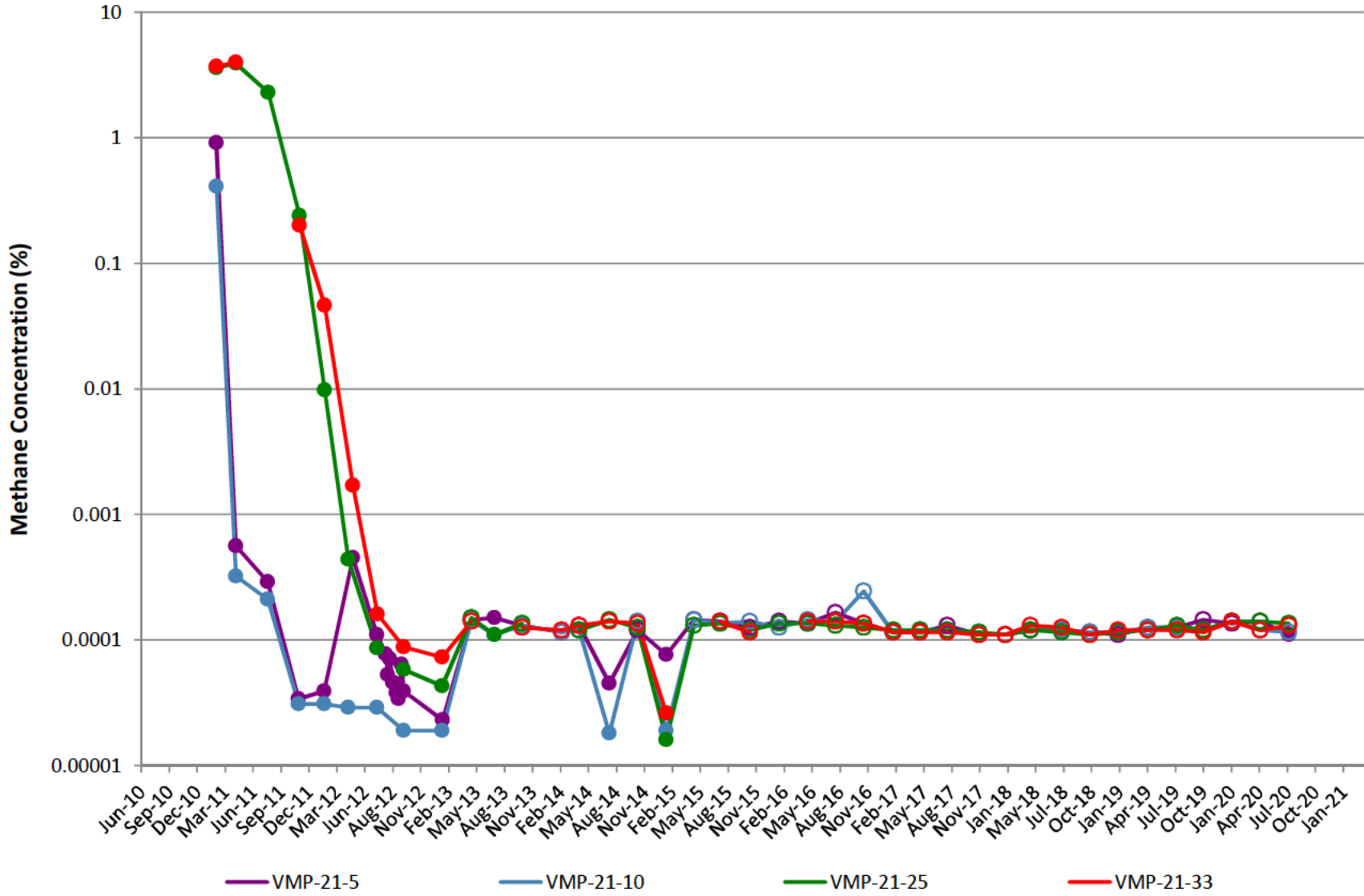
VMP-20

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.



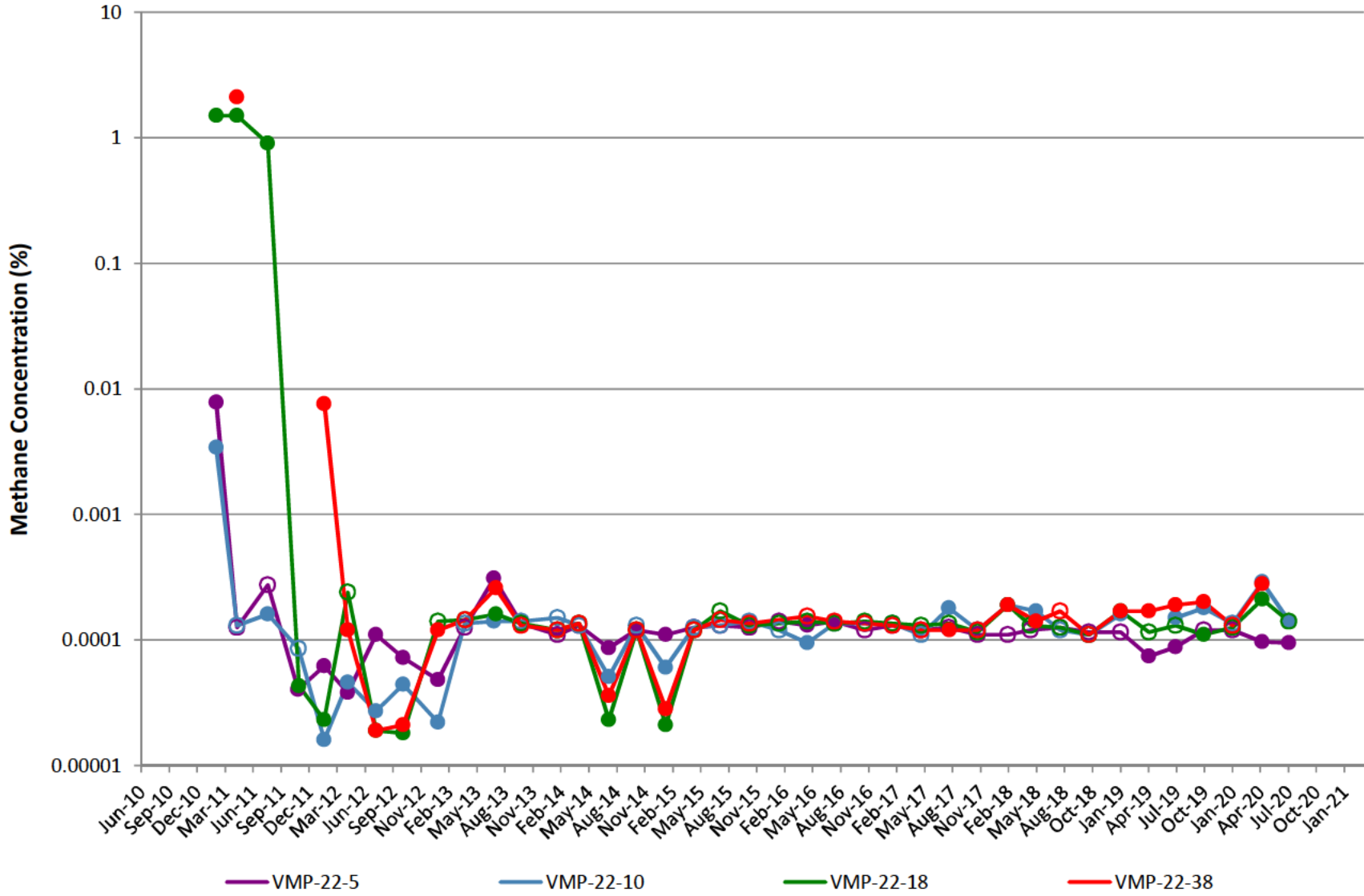
VMP-21

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.



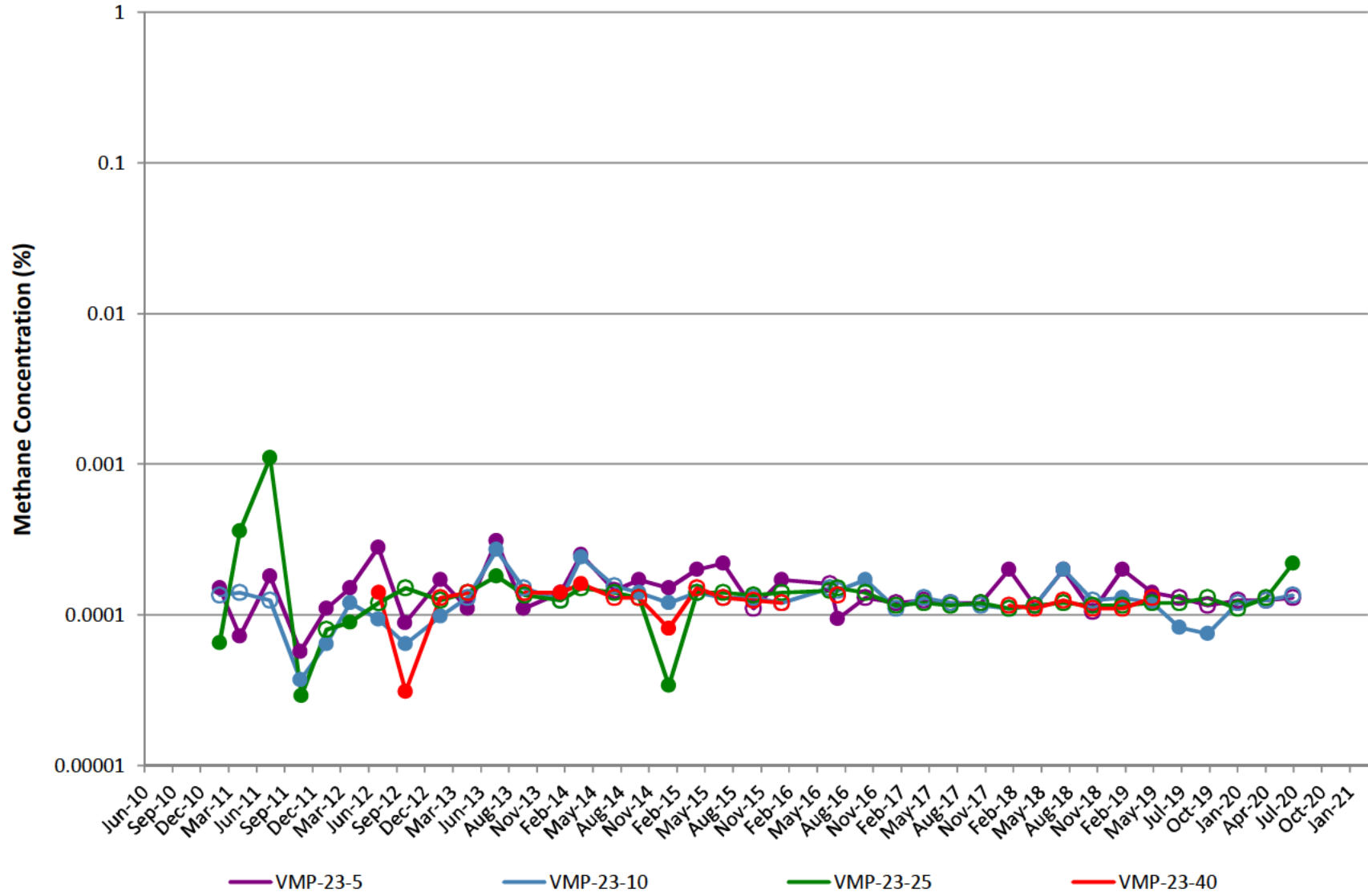
VMP-22

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.



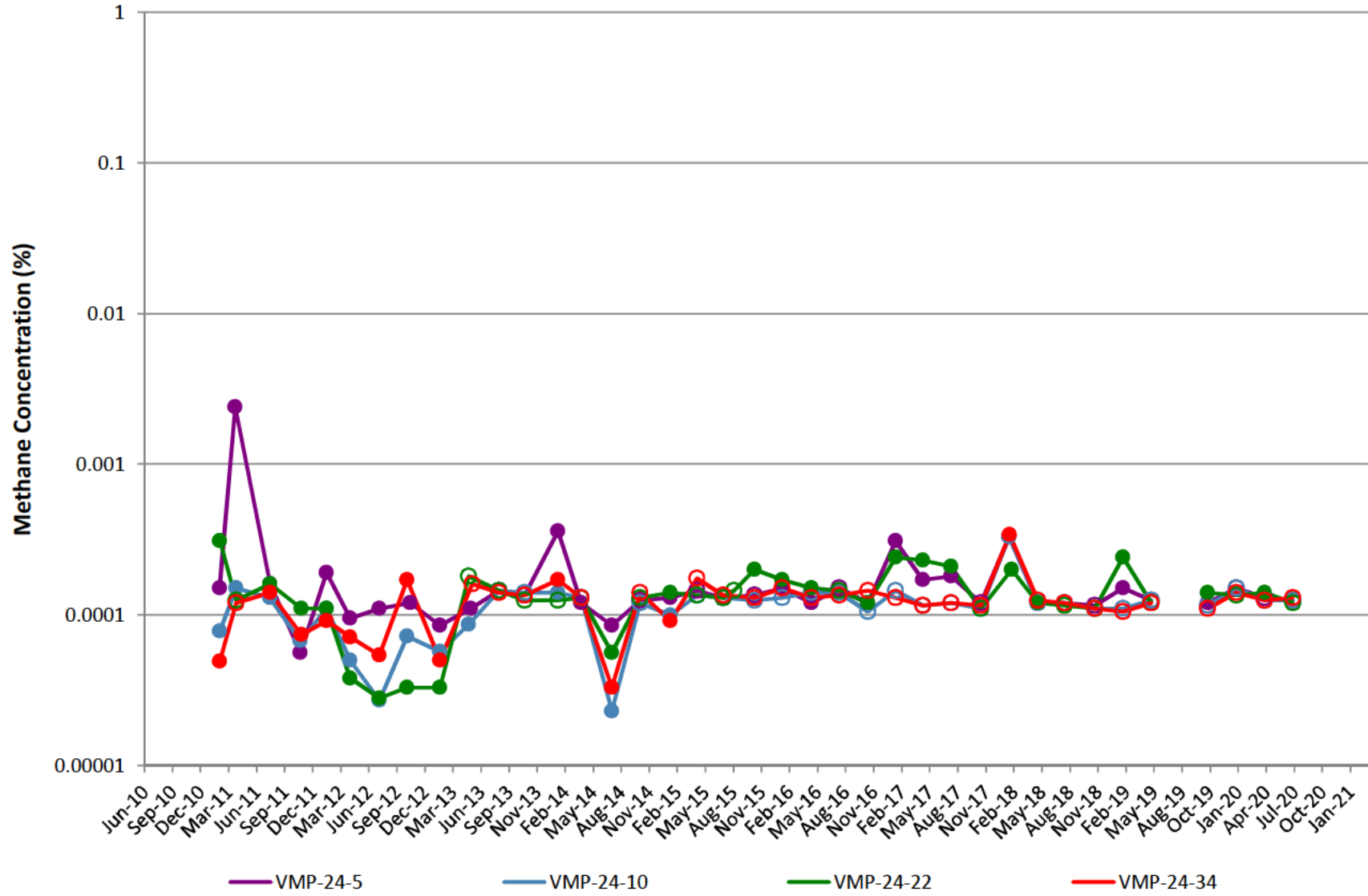
VMP-23

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.



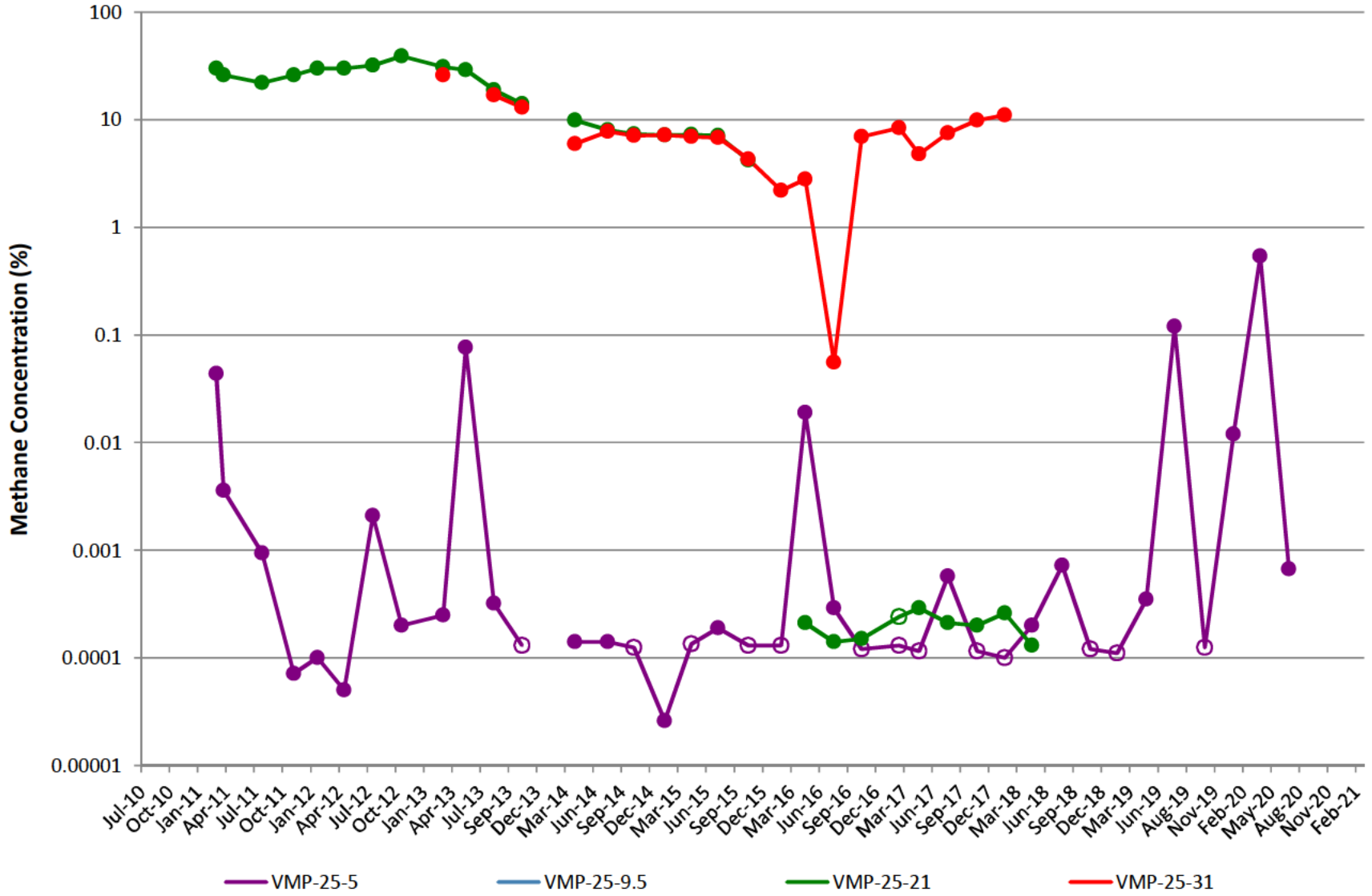
VMP-24

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.



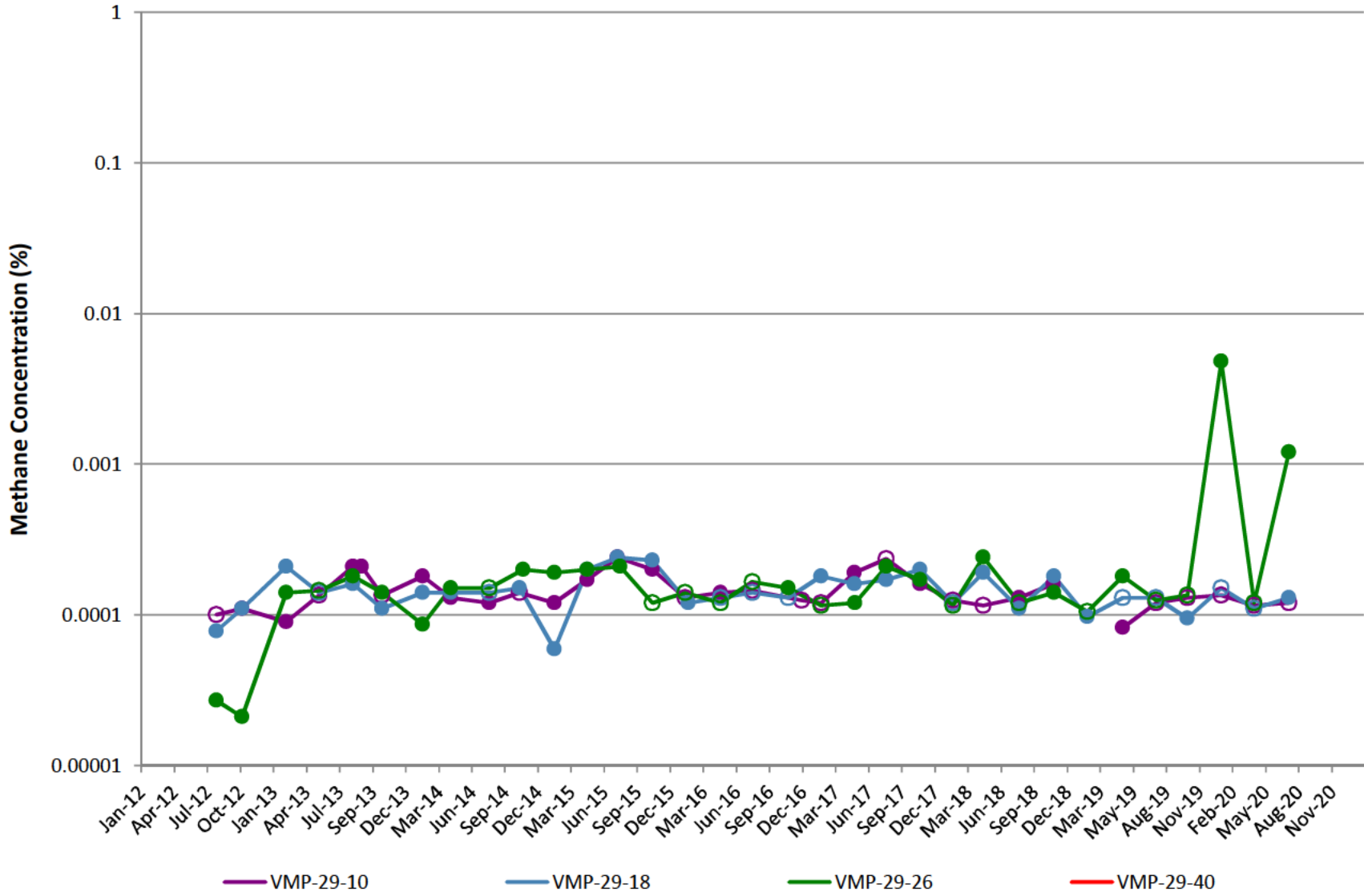
VMP-25

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.



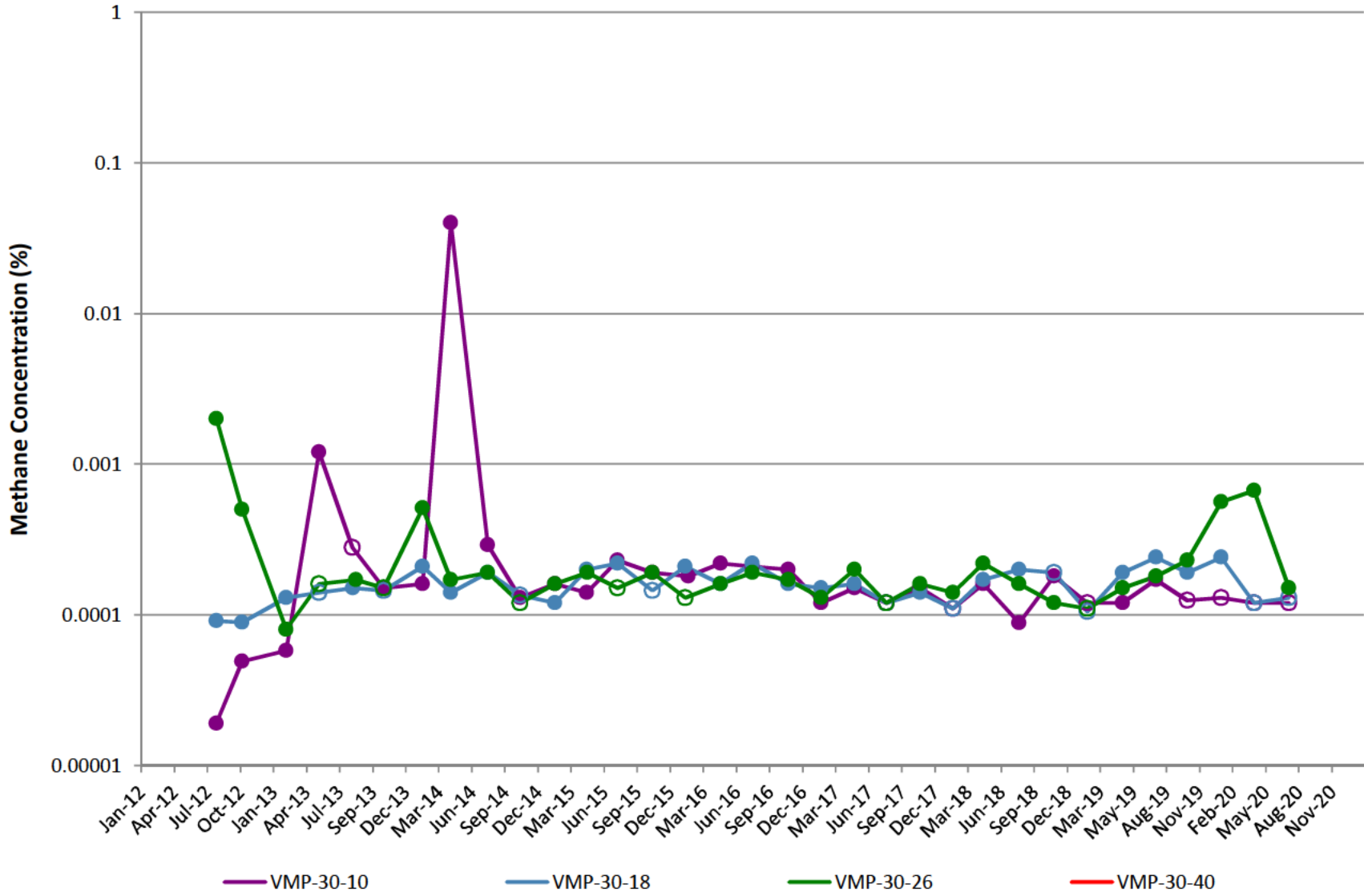
VMP-29

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.



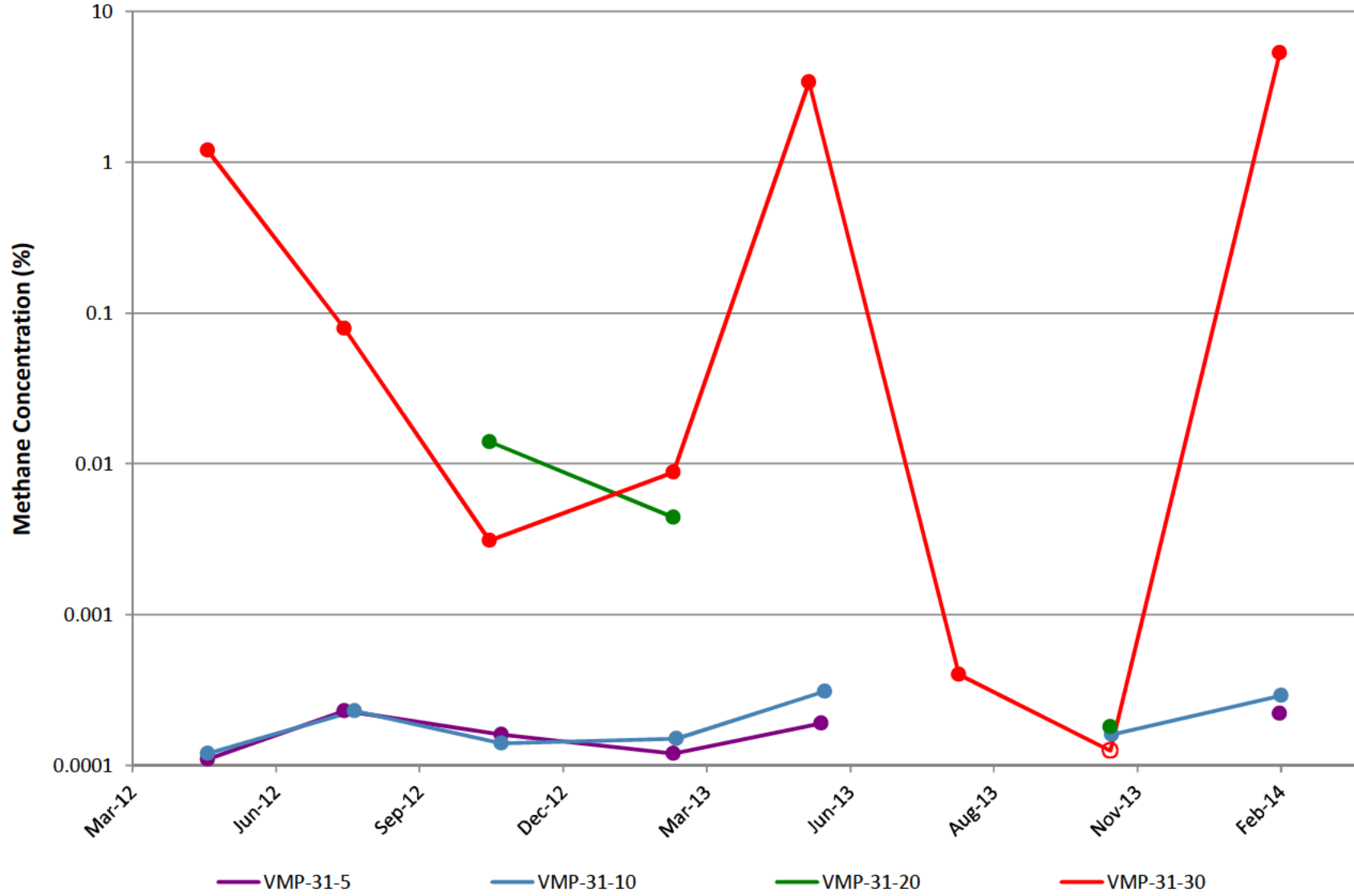
VMP-30

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.



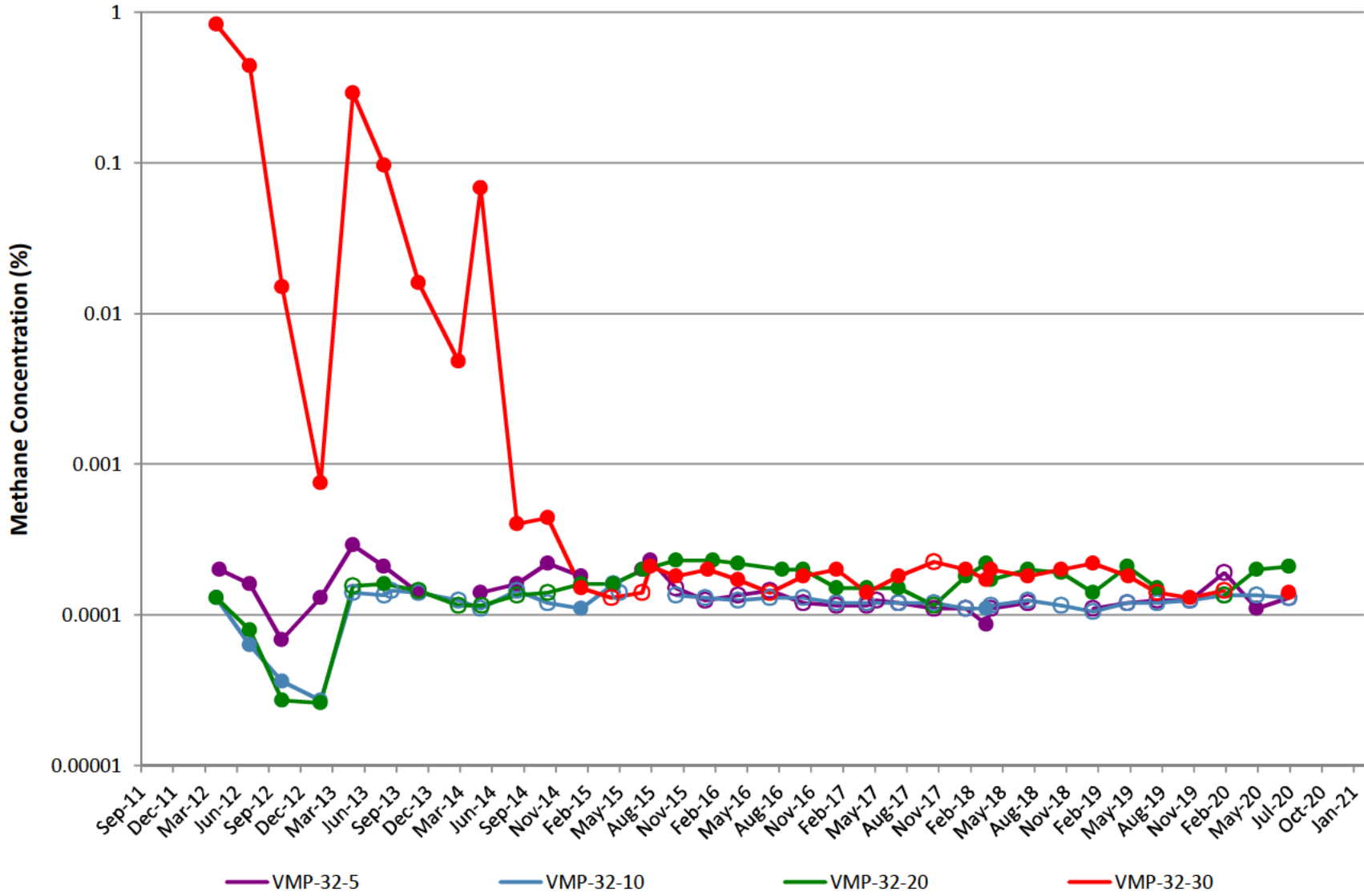
VMP-31

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.



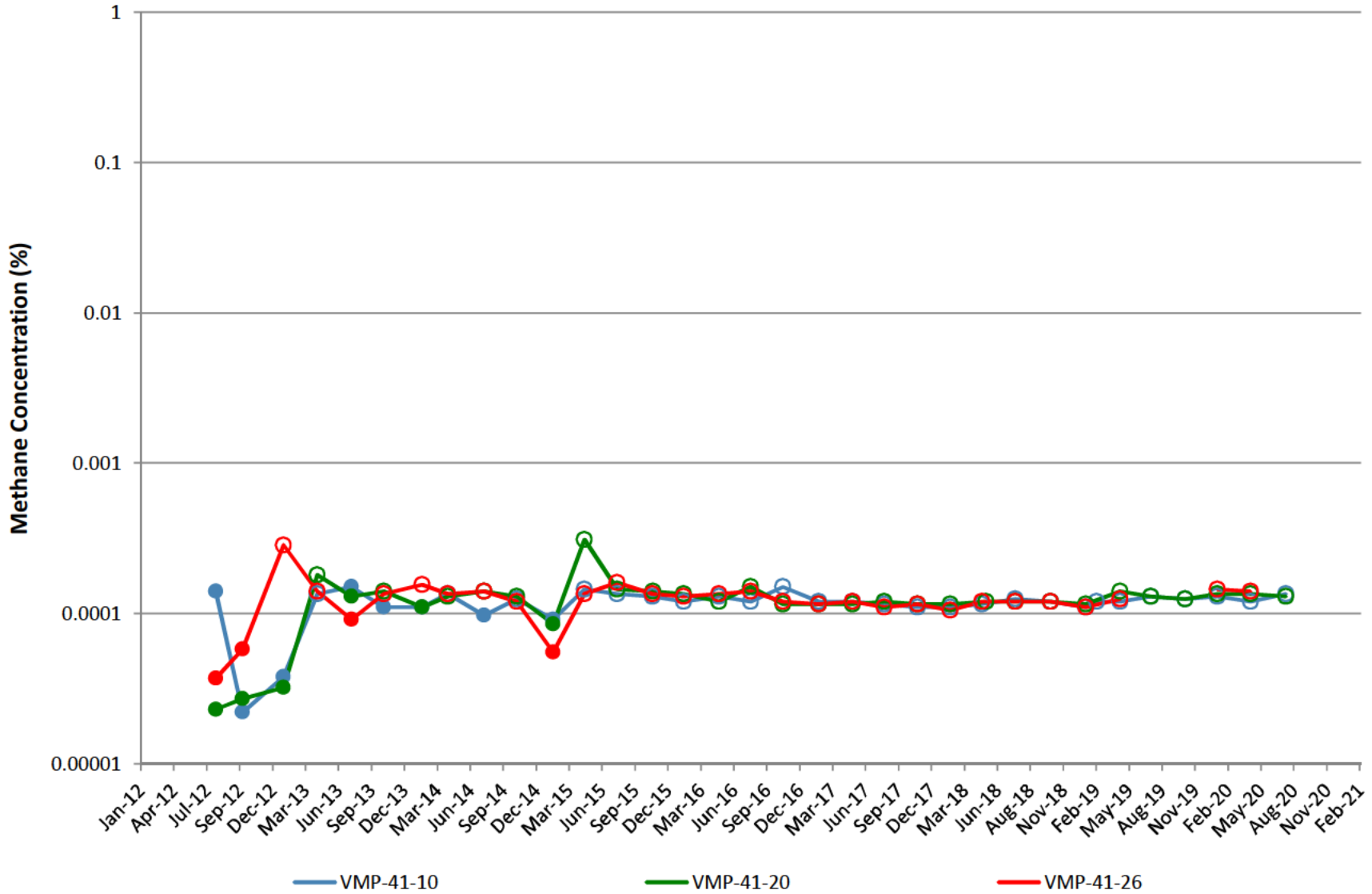
VMP-32

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.



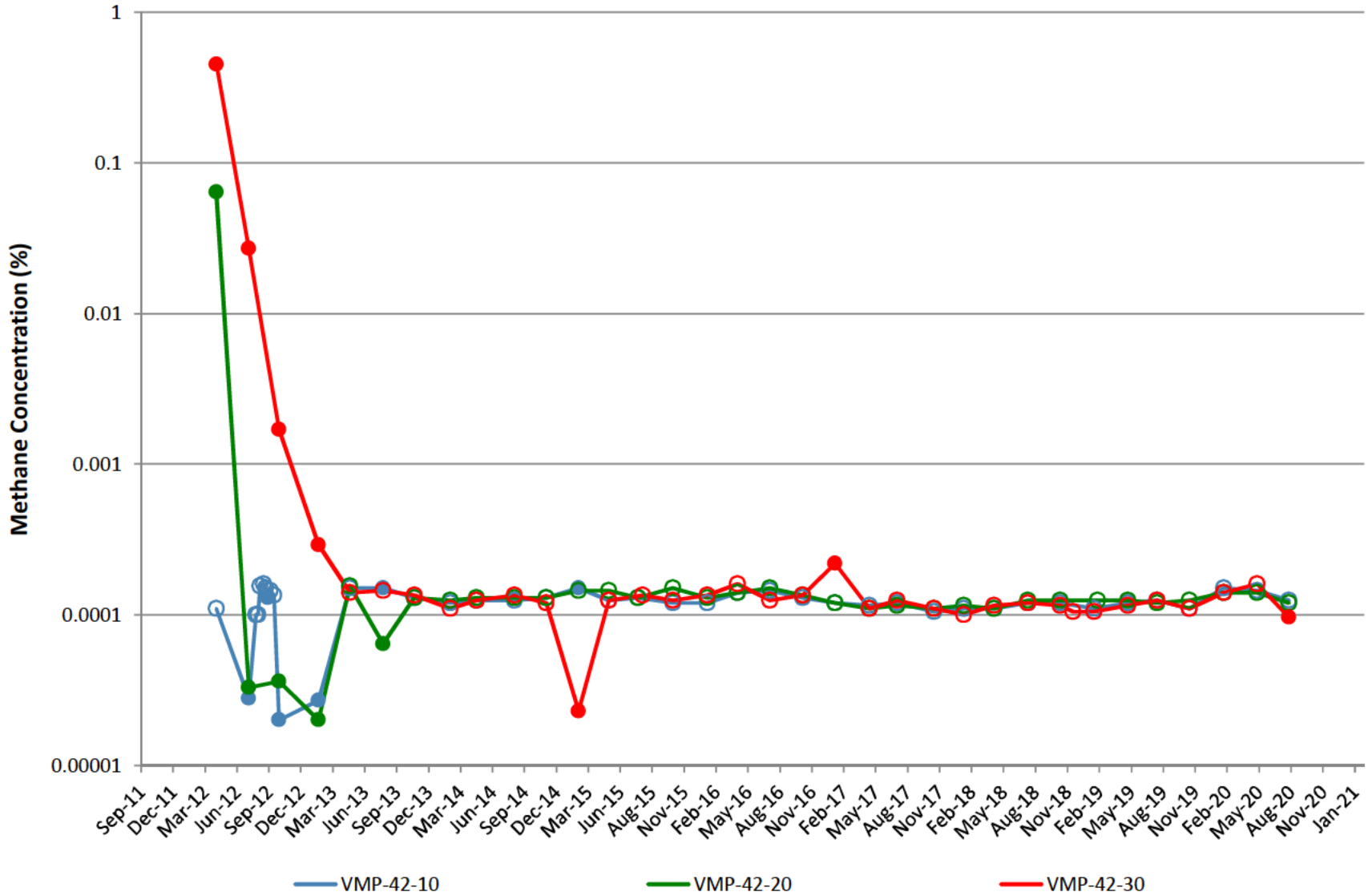
VMP-41

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.



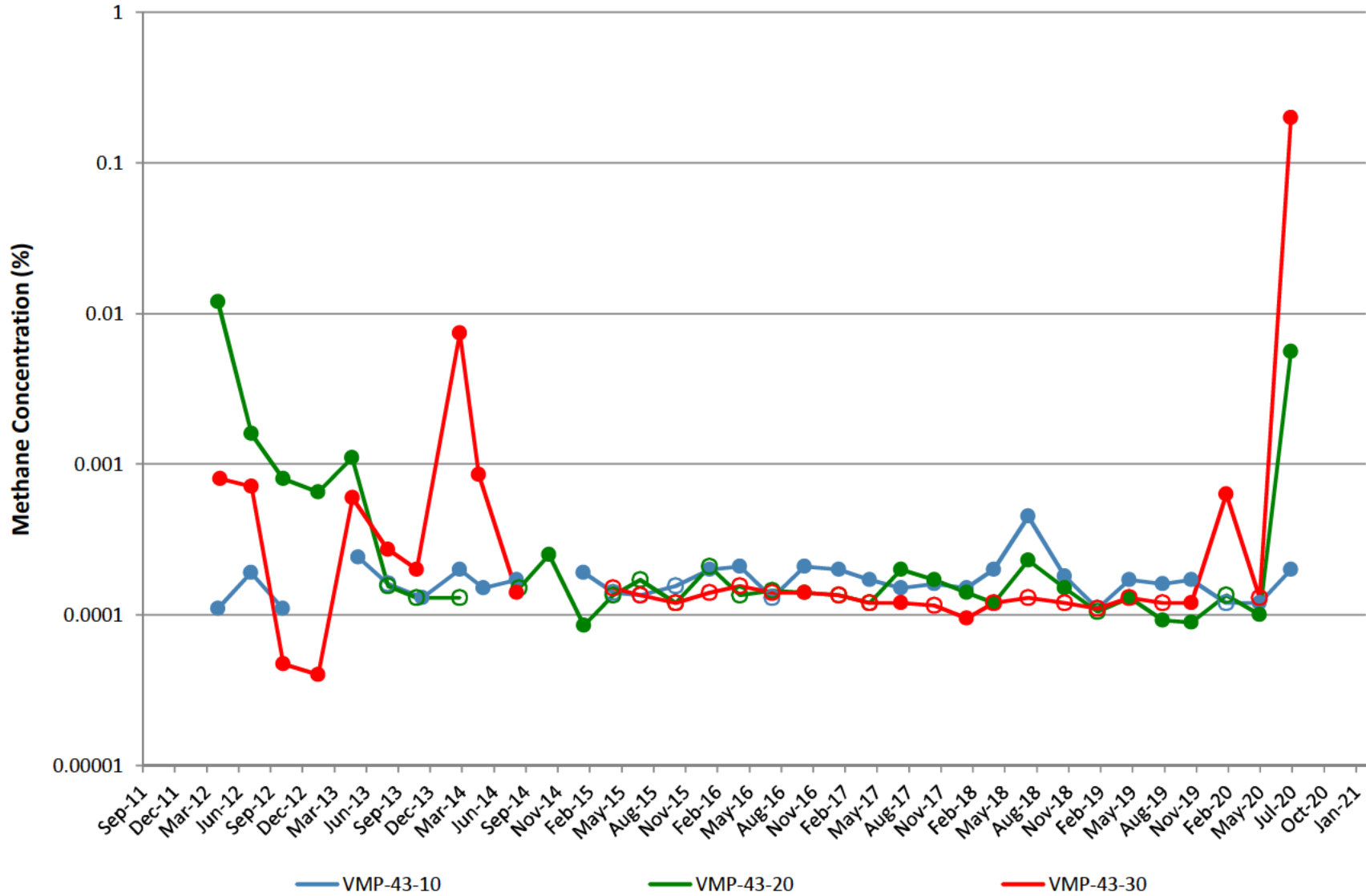
VMP-42

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.



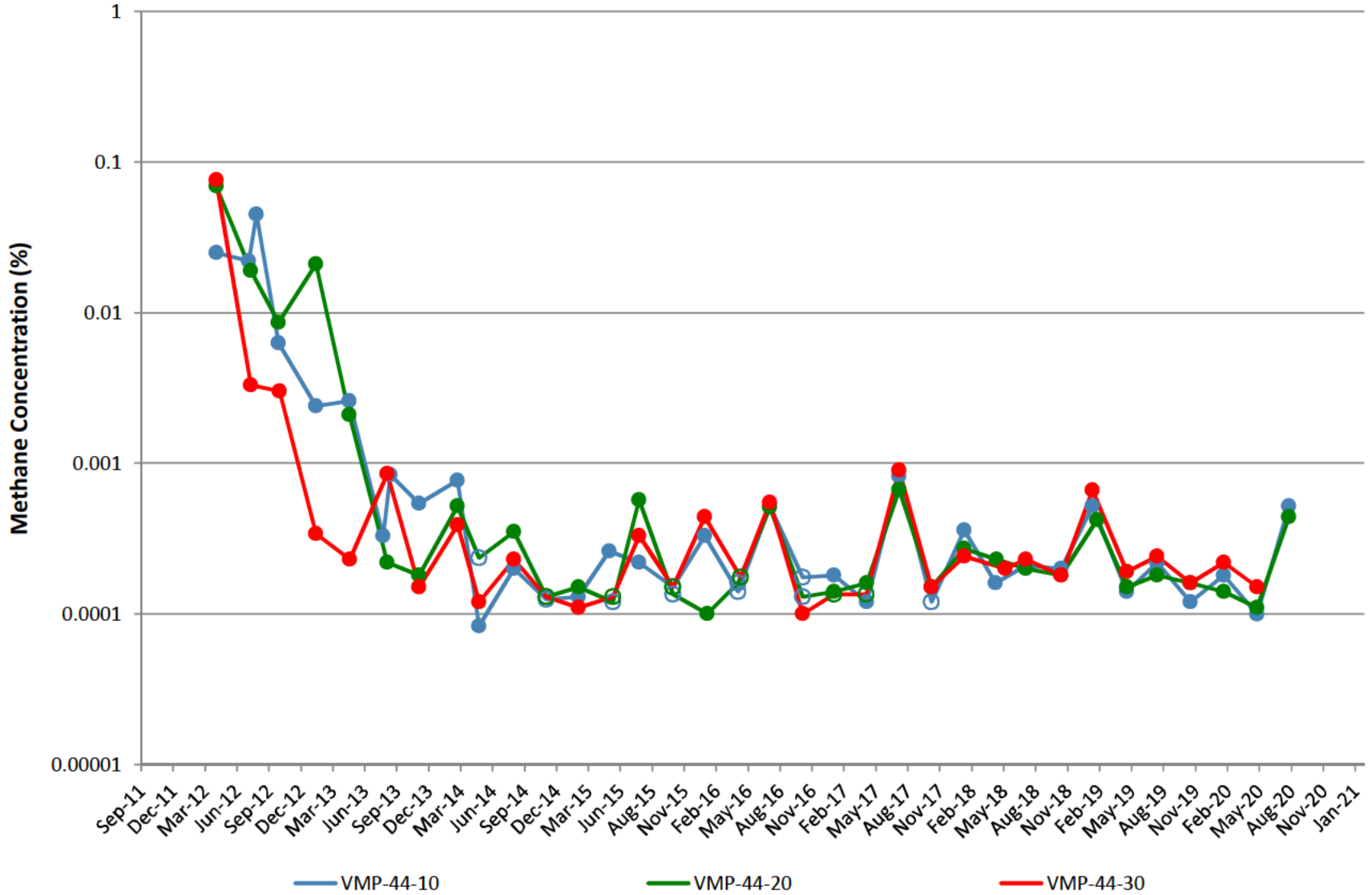
VMP-43

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.



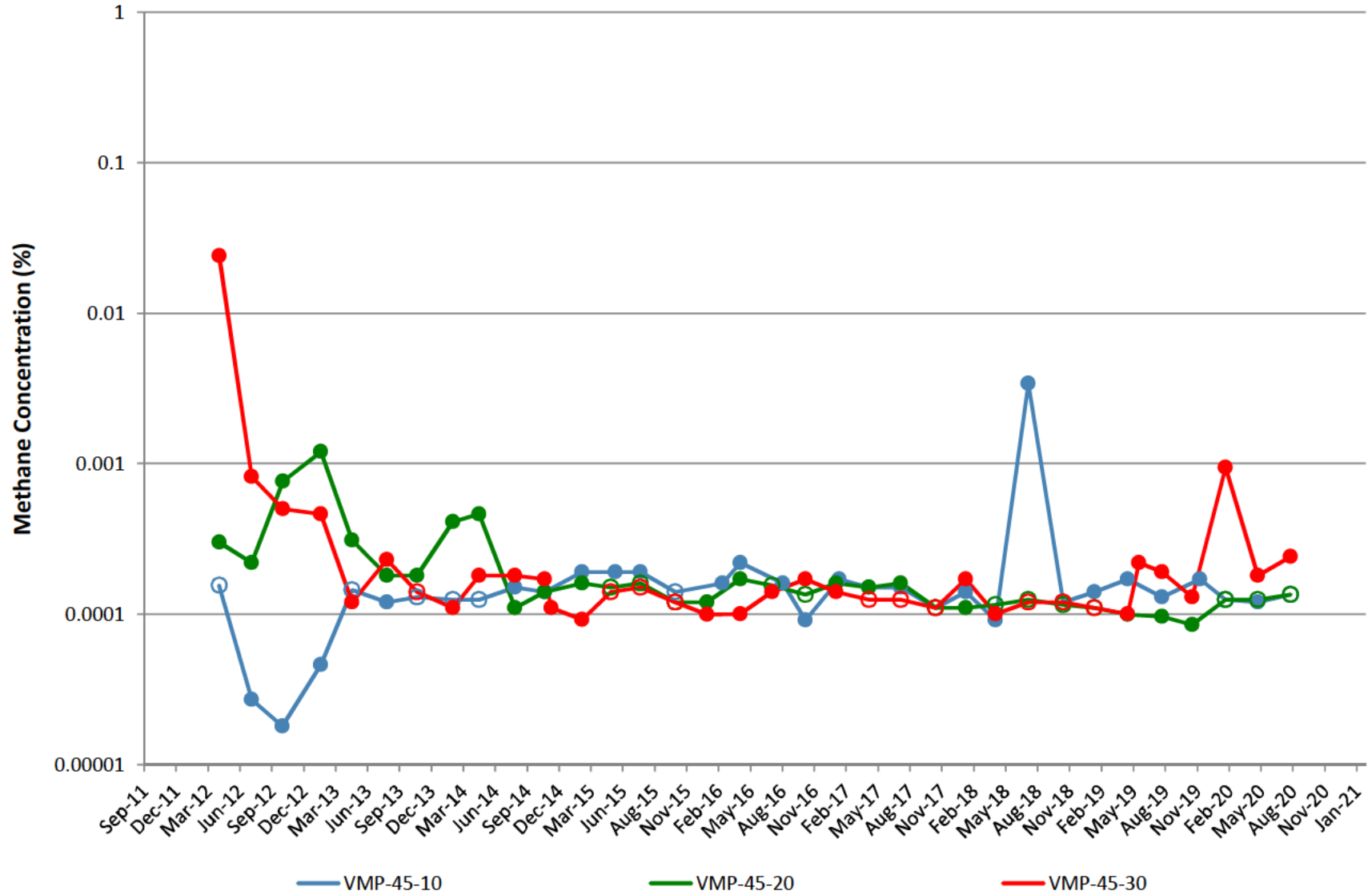
VMP-44

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.



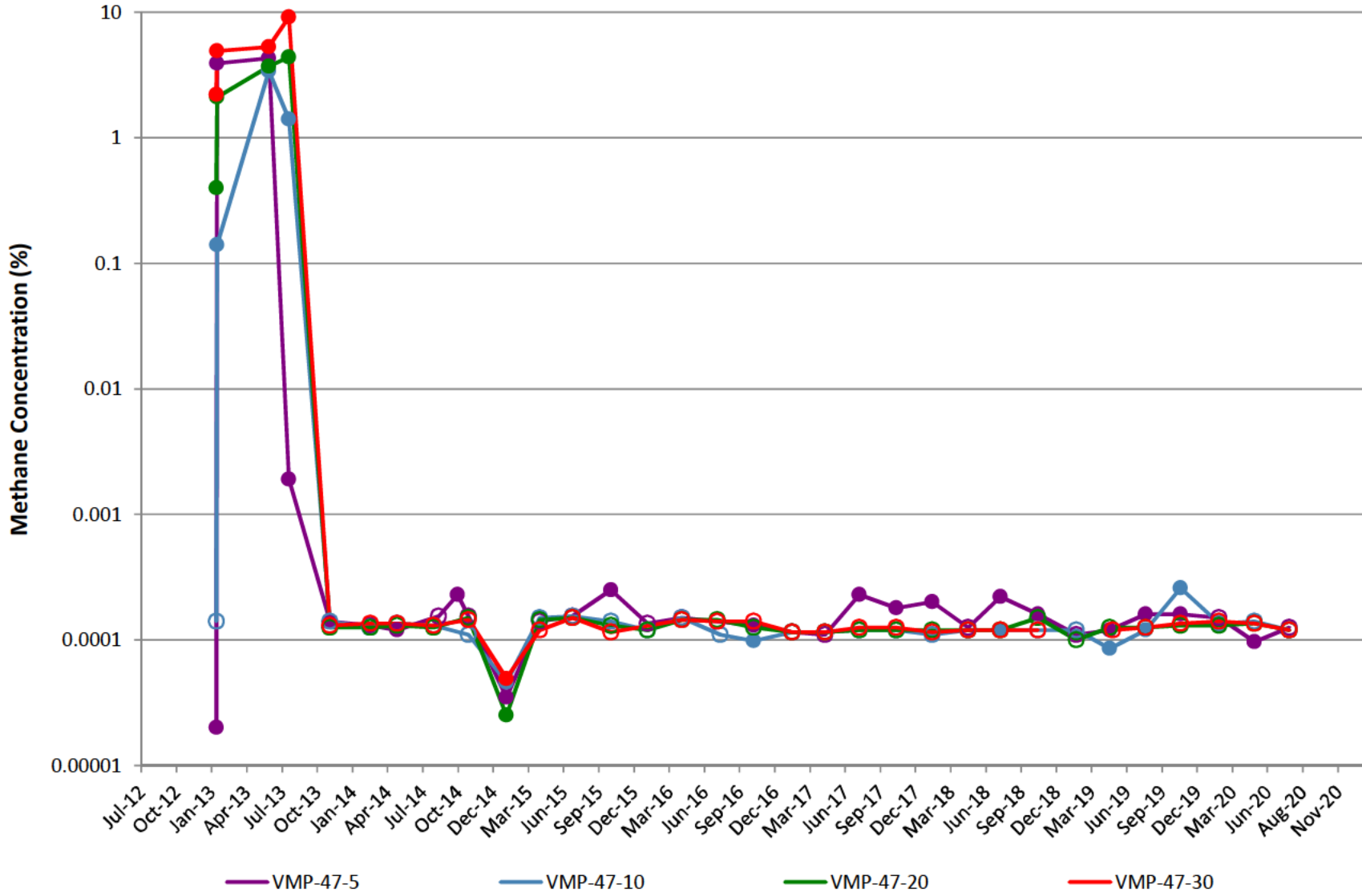
VMP-45

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.



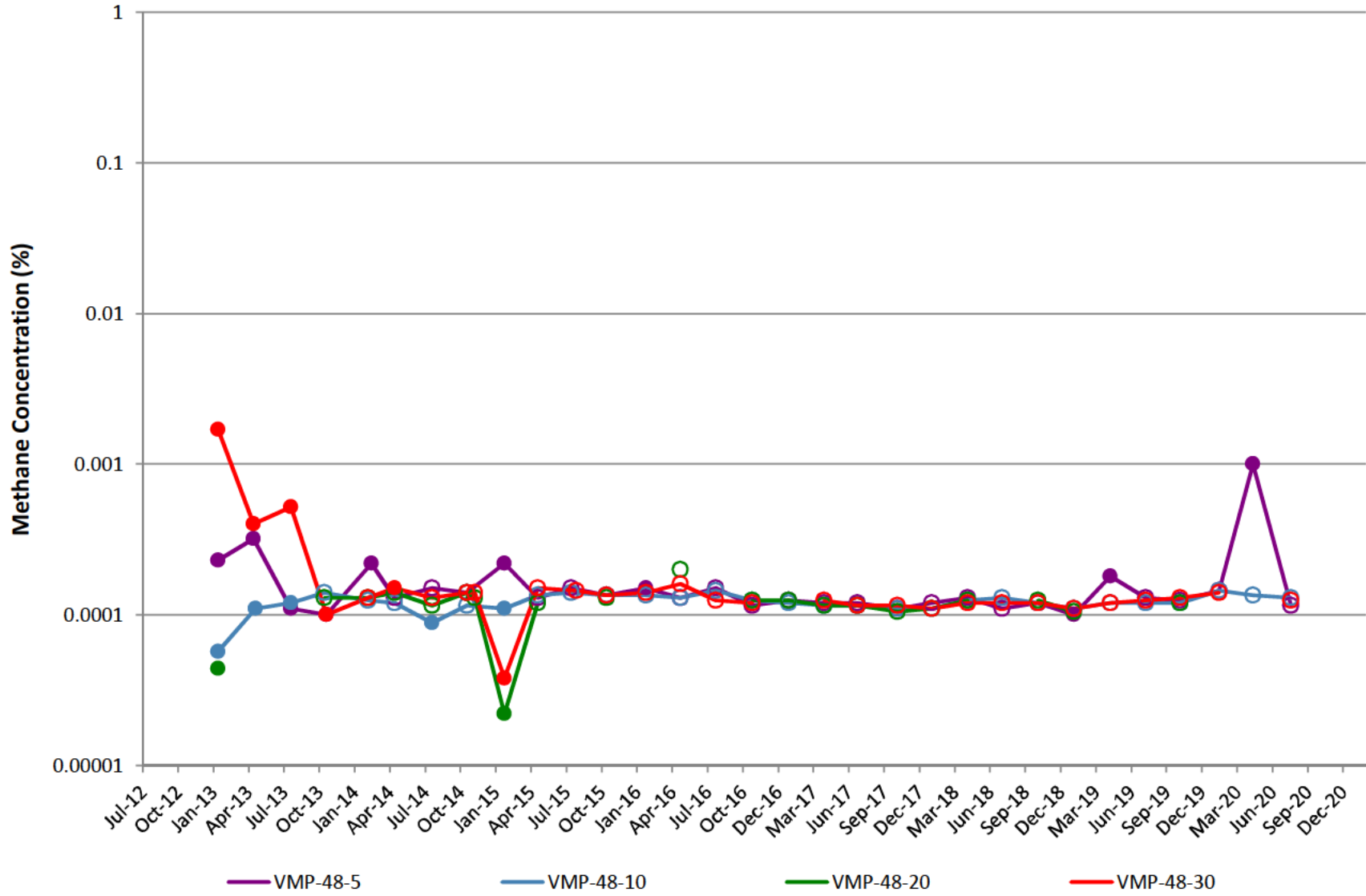
VMP-47

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.



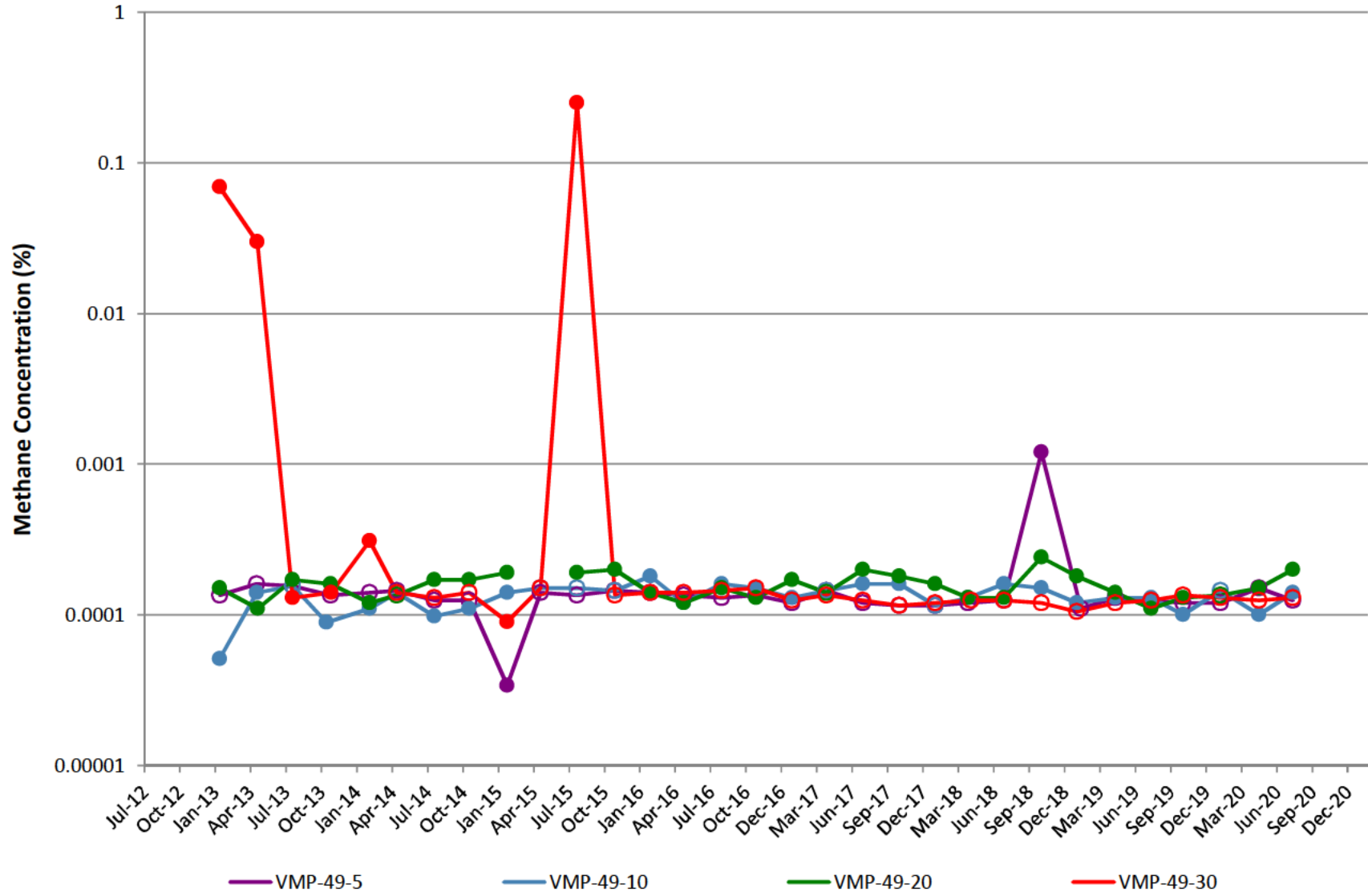
VMP-48

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.



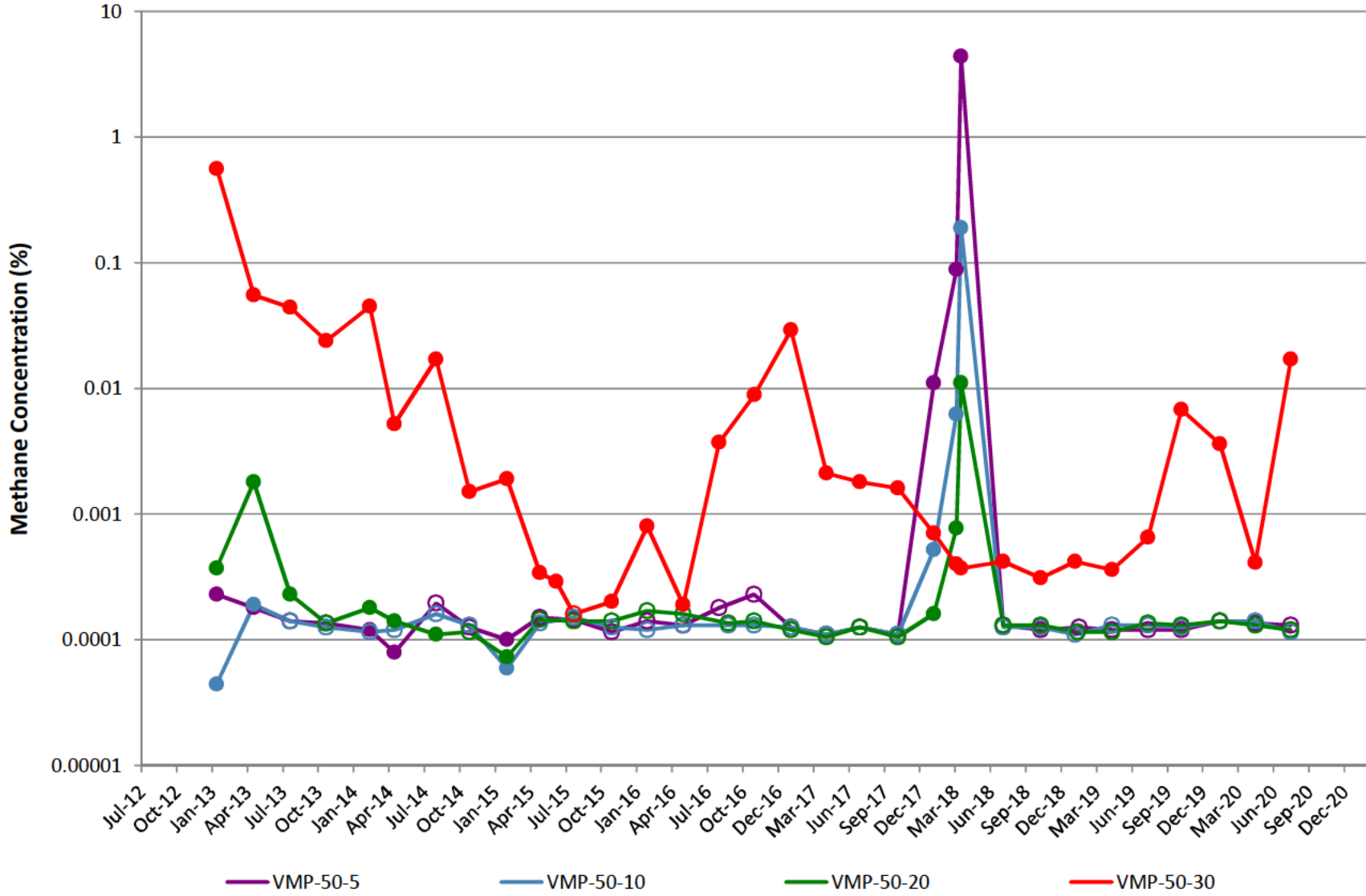
VMP-49

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.



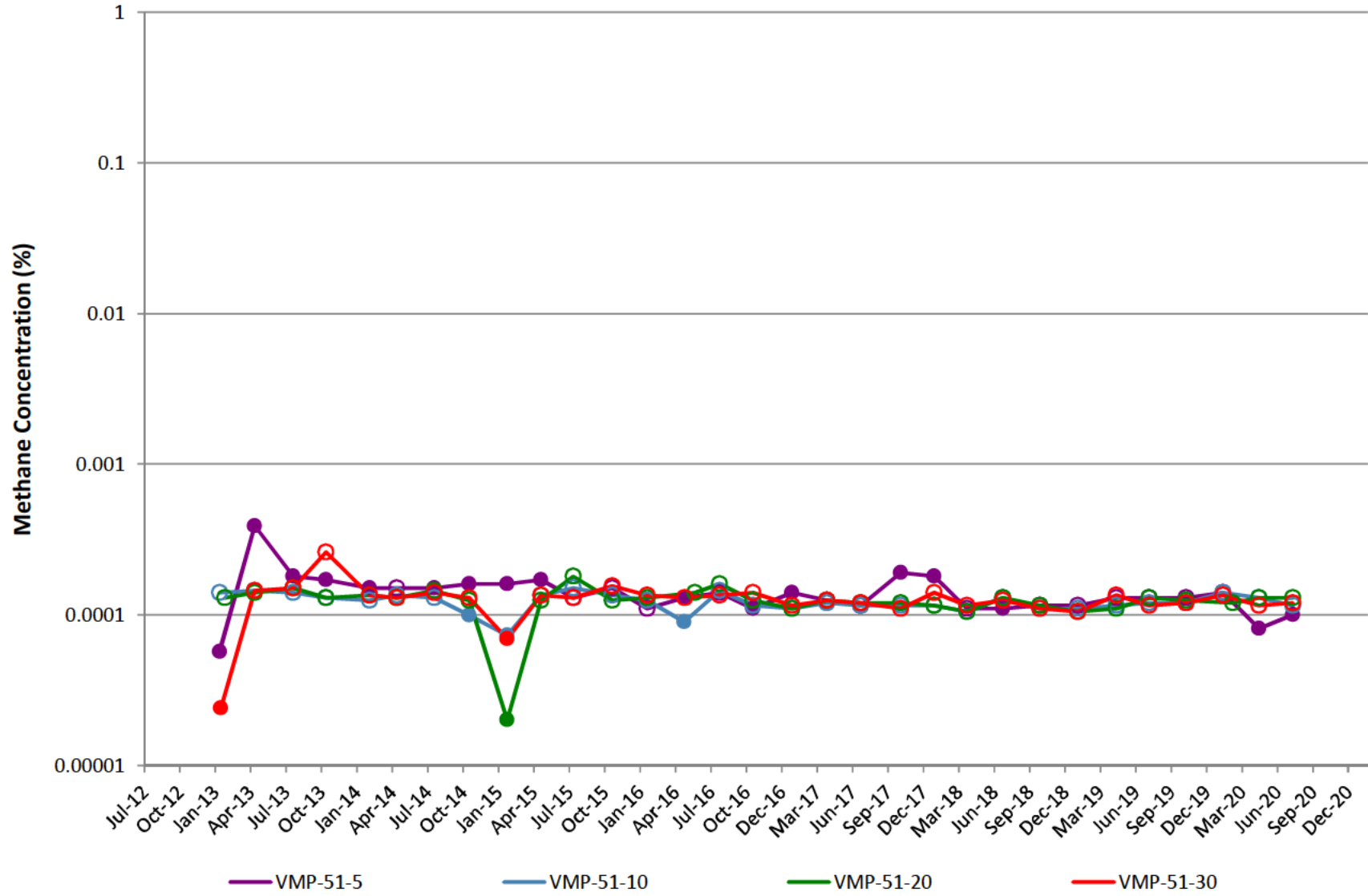
VMP-50

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,



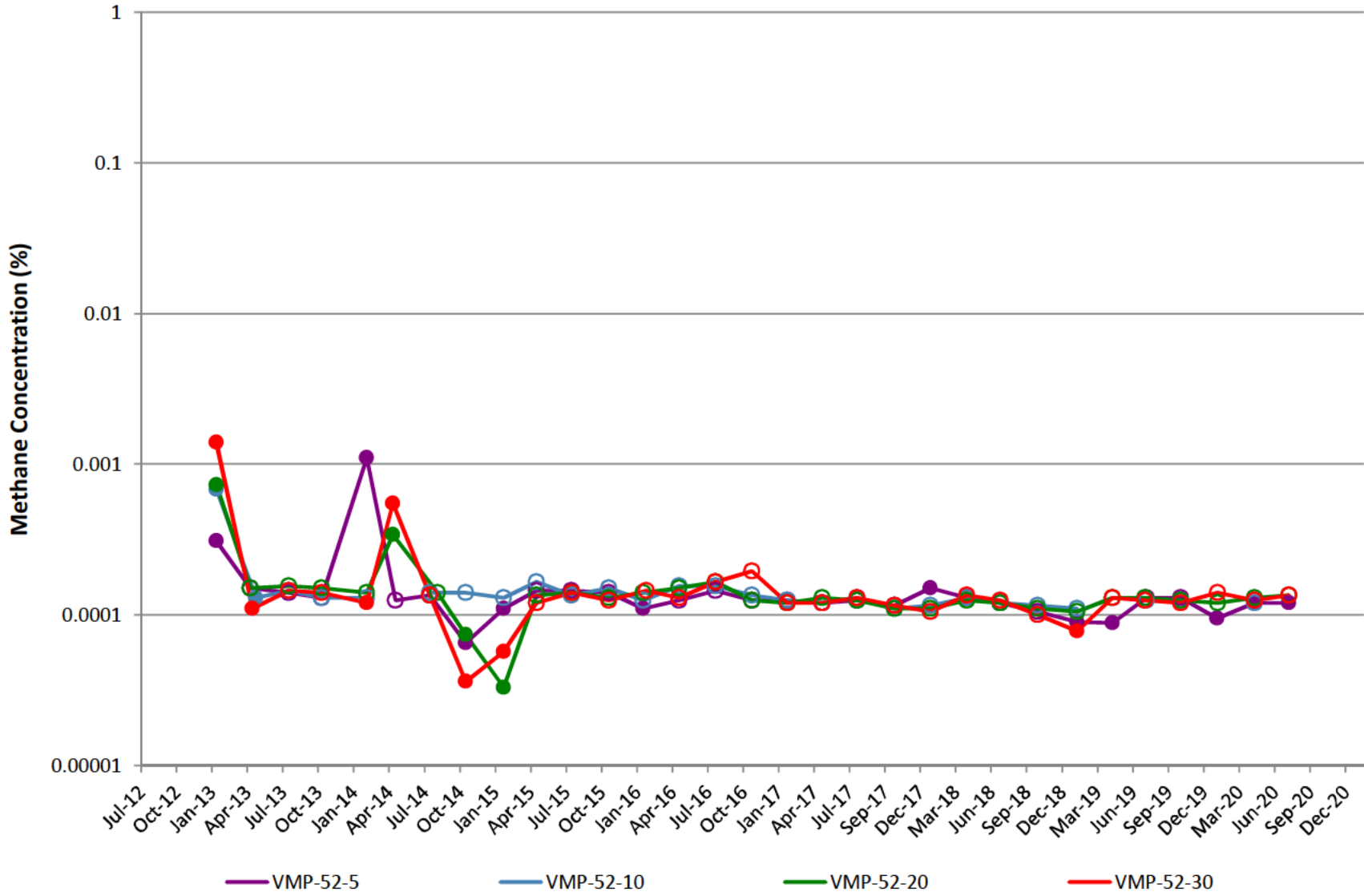
VMP-51

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.



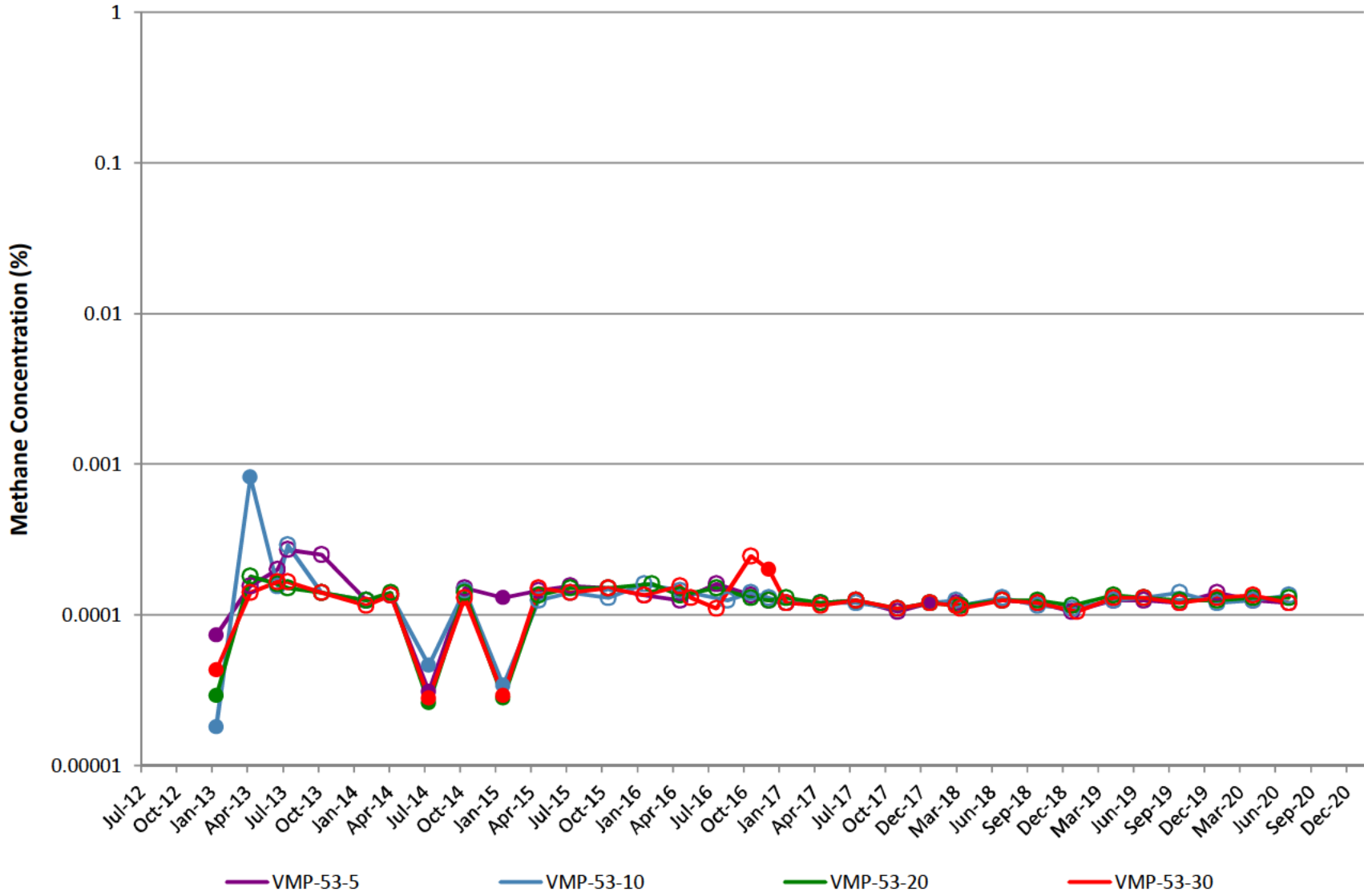
VMP-52

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.



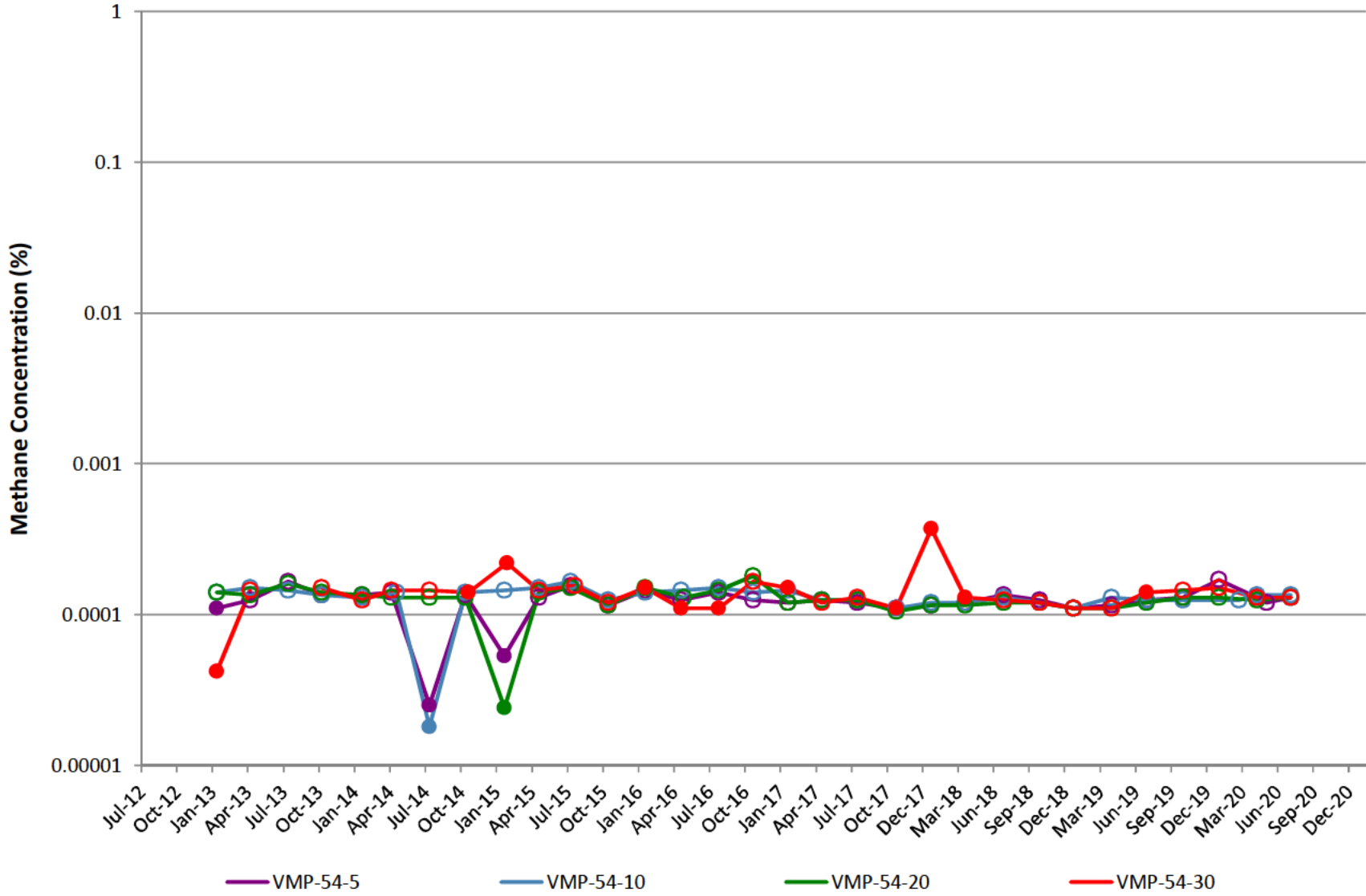
VMP-53

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.



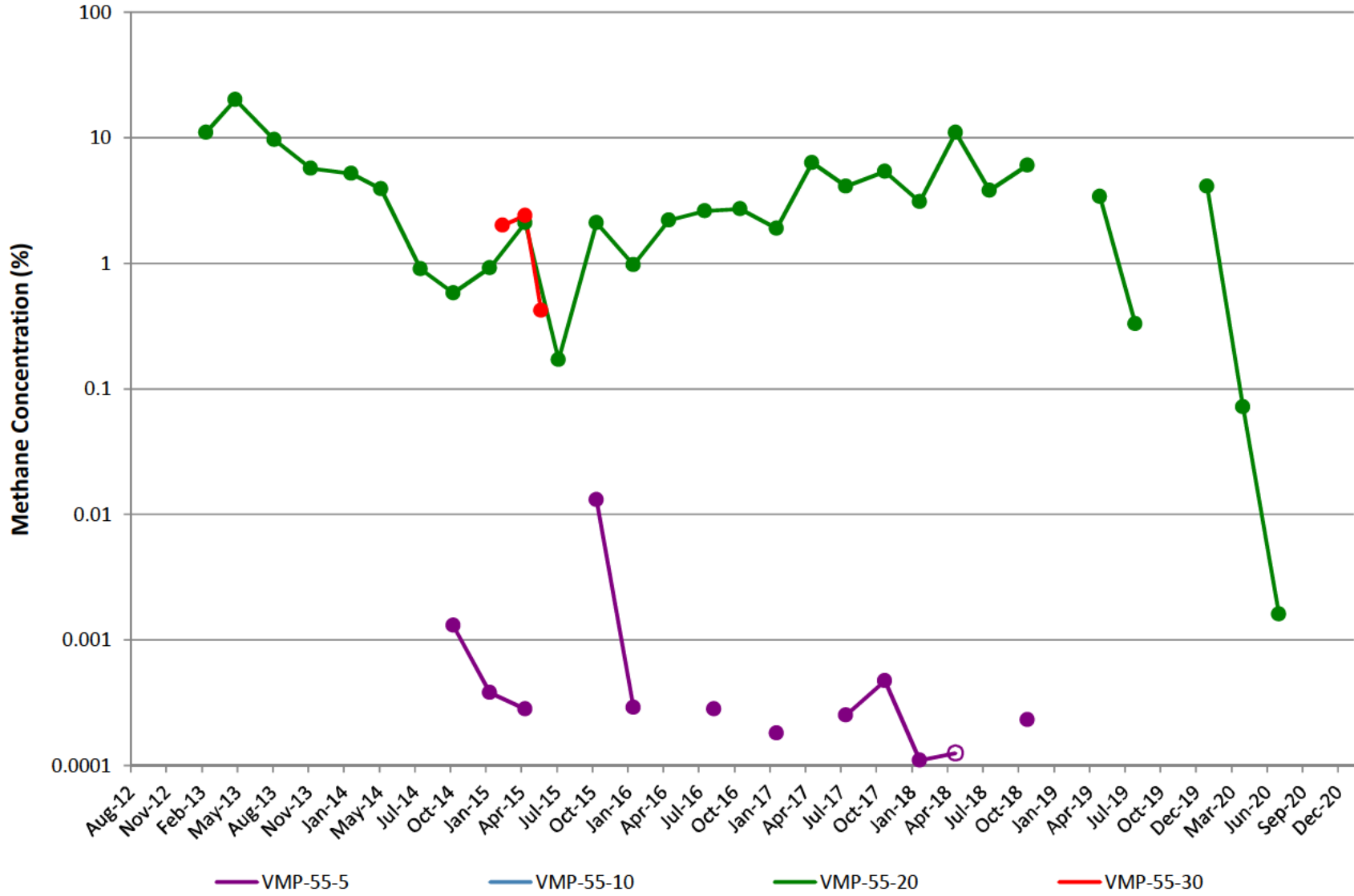
VMP-54

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.



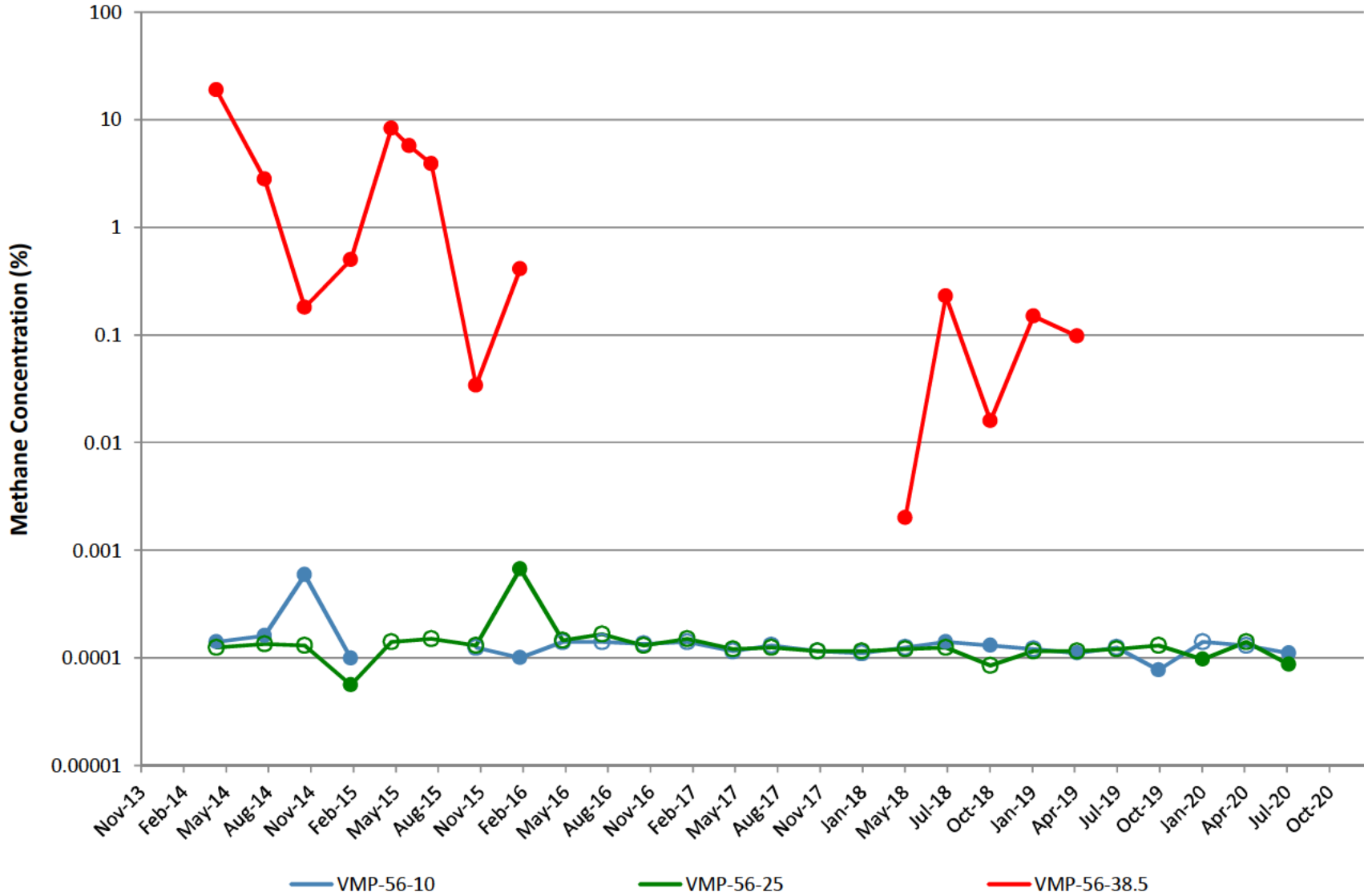
VMP-55

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.



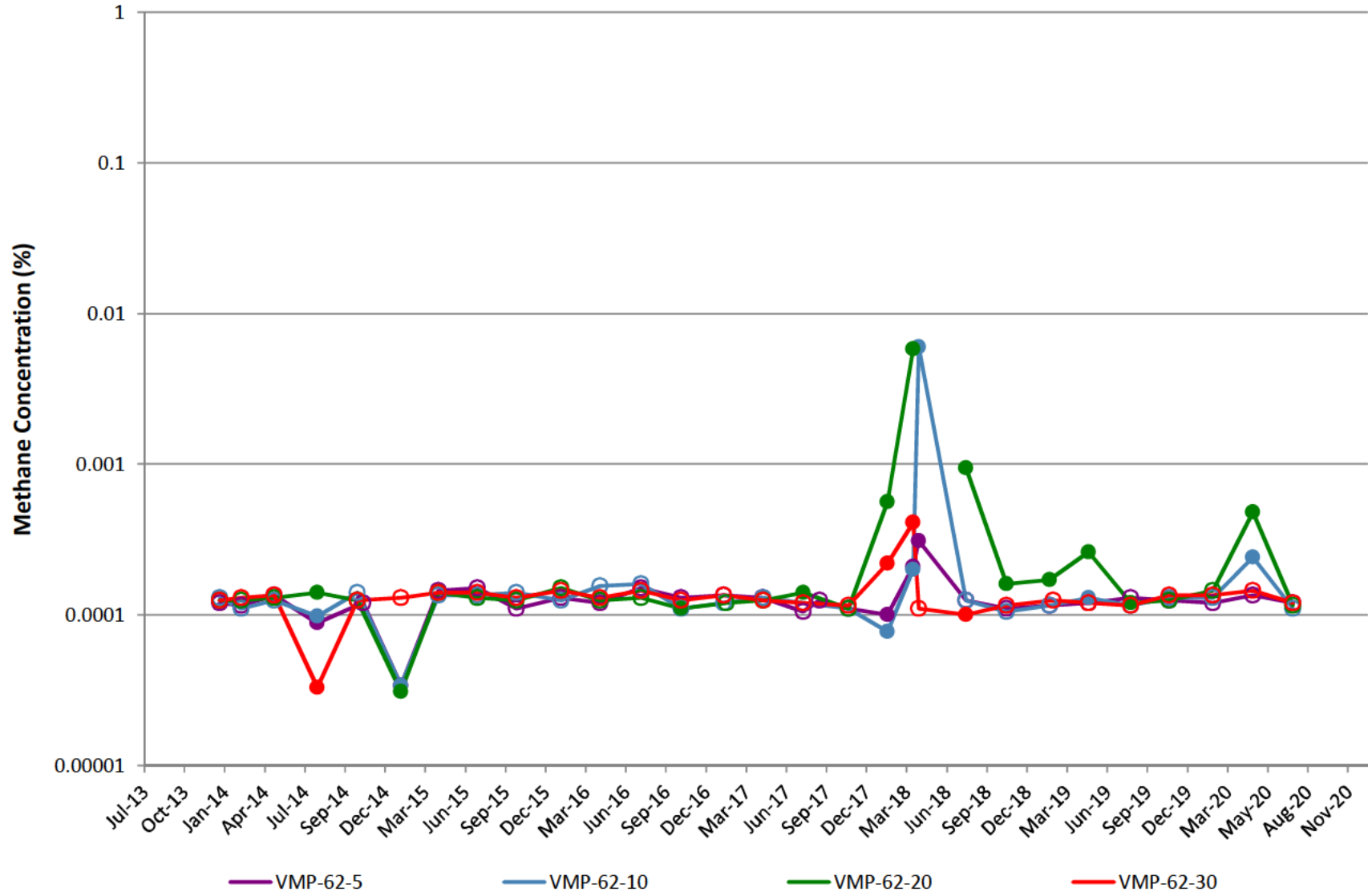
VMP-56

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.



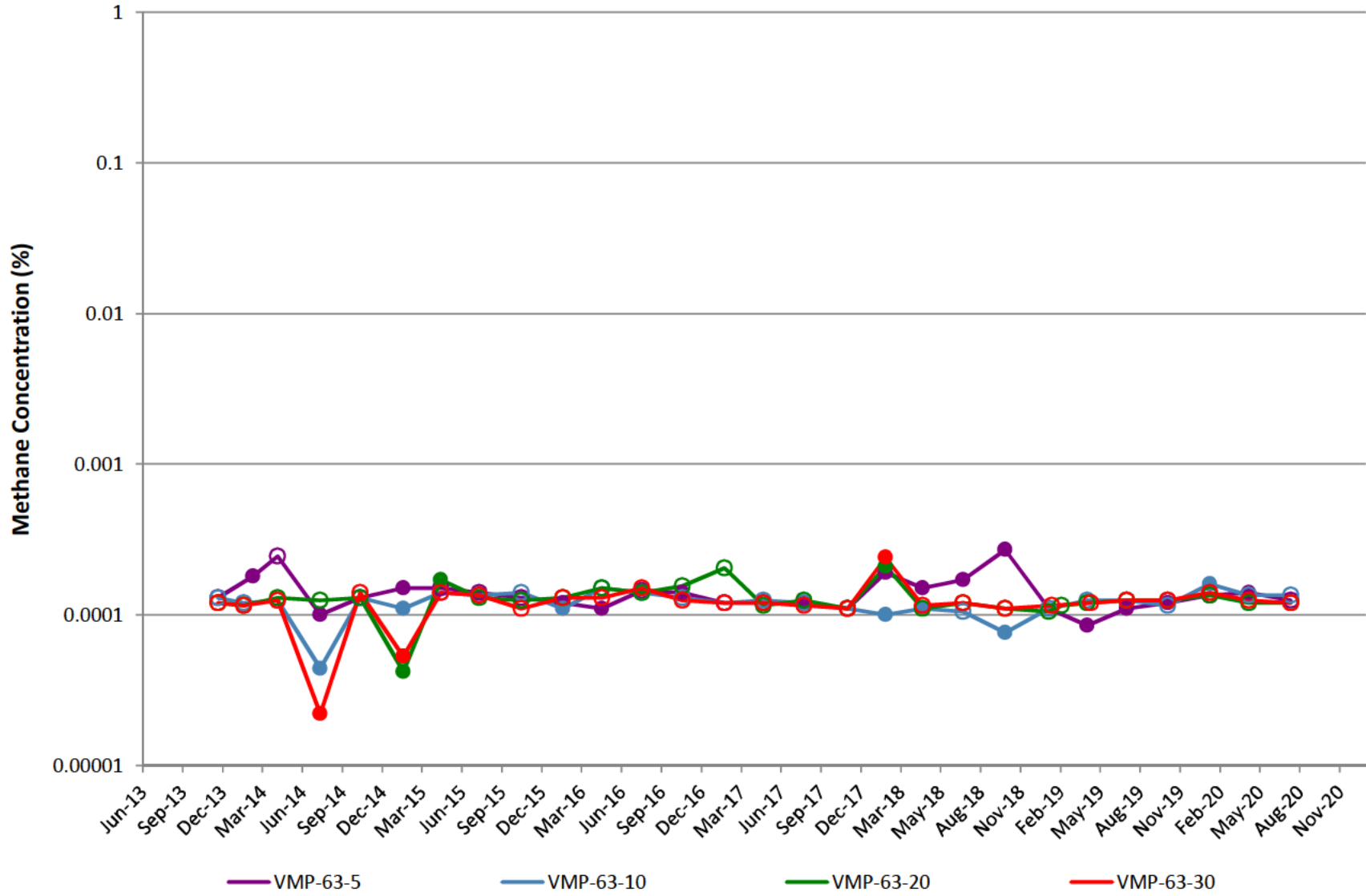
VMP-62

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.



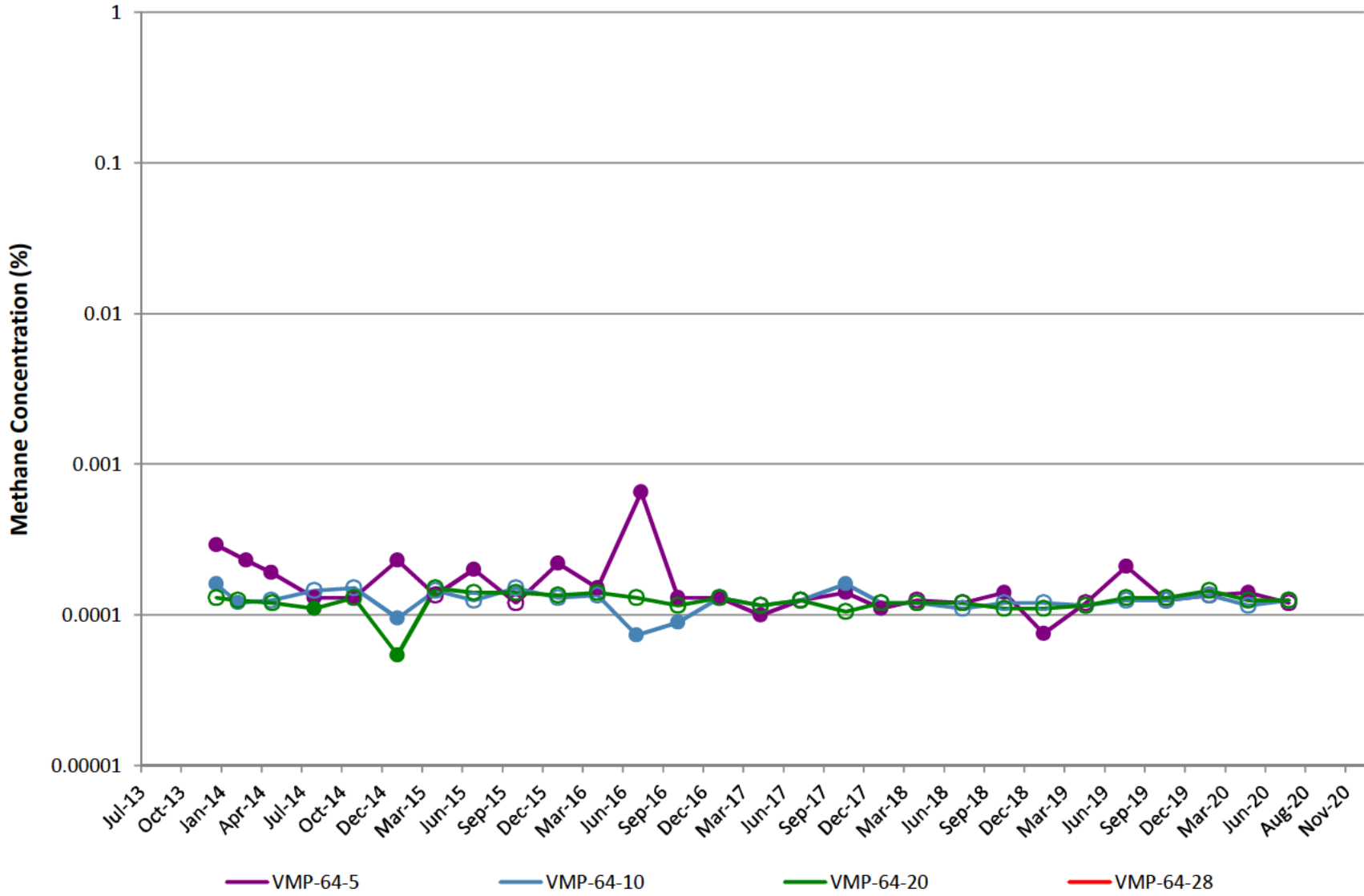
VMP-63

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**

July-20		Hours of Operation	August-20		Hours of Operation	September-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	24
3	24	24	3	24	24	3	24	24
4	24	24	4	24	24	4	24	24
5	24	24	5	24	22.79	5	24	24
6	24	22.83	6	24	24	6	24	24
7	24	24	7	24	24	7	24	24
8	24	24	8	24	24	8	24	24
9	24	24	9	24	24	9	24	24
10	24	24	10	24	9.12	10	24	22.55
11	24	24	11	24	23.87	11	24	24
12	24	24	12	24	24	12	24	24
13	24	24	13	24	24	13	24	24
14	24	24	14	24	24	14	24	24
15	24	16.5	15	24	24	15	24	22.65
16	24	14.32	16	24	24	16	24	24
17	24	18.02	17	24	23.9	17	24	24
18	24	24	18	24	24	18	24	24
19	24	24	19	24	24	19	24	24
20	24	23.8	20	24	24	20	24	24
21	24	15.43	21	24	24	21	24	24
22	24	15.3	22	24	24	22	24	24
23	24	24	23	24	24	23	24	24
24	24	24	24	24	24	24	24	24
25	24	24	25	24	24	25	24	24
26	24	5.95	26	24	24	26	24	24
27	24	0	27	24	24	27	24	24
28	24	7.33	28	24	24	28	24	23.03
29	24	24	29	24	24	29	24	24
30	24	24	30	24	24	30	24	24
31	24	24	31	24	23.85			
Totals	744	643.48	Totals	744	727.53	Totals	720	716.23
% Up Time		86.49%	% Up Time		97.79%	% Up Time		99.48%

APPENDIX C
SVE SYSTEM MAINTENANCE CHRONOLOGY

- **July 1, 2020**– Closed extraction wells SVE-11 and SVE-12.
- **July 6, 2020**– **800 hour maintenance** - Replaced WFL VLS filter and pre-filter, replaced blower pre-filter, replaced combustion filter, greased all system fittings, and replaced system data card. Tested AST, VLS and process room floats. Drained condensate from both system compressors and performed bubble test on natural gas line.
- **July 7, 2020**– Opened extraction well SVE-42 from 50% to 100% open. Closed extraction wells SVE-13, SVE-17, SVE-18, SVE-19, SVE-38, SVE-39, and SVE-40. Closed Green Line and Red Line Headers. Adjusted blower speed from 50% to 20%.
- **July 14, 2020**– Opened extraction well SVE-29. Closed extraction wells SVE-3R, SVE-20, SVE-24, SVE-27, SVE-42, and SVE-47. Closed Teal Line and Blue Line Headers. Adjusted blower speed from 20% to 15%.
- **July 15, 2020**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **July 20, 2020**– Replaced WFL VLS filter and pre-filter. Opened Blue Line Header. Opened extraction wells SVE-42, SVE-43, SVE-44, and SVE-47. Opened SVE-3R to 50%. Closed extraction wells SVE-29, SVE-30, SVE-31, SVE-32, and SVE-33. Closed Purple Line Header. Adjusted blower speed from 15% to 18%.
- **July 21, 2020**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **July 26, 2020**– Shut down SVE system in preparation for annual Preventative Maintenance Evaluation (PME).
- **July 28, 2020**– Drained condensate from both system compressors and performed bubble test on natural gas line. Replaced poppet mufflers, system fan belts and two high temperature thermocouples. Restarted SVE system following completion of PME.
- **August 3, 2020**– Drained condensate from both system compressors and performed bubble test on natural gas line. Cleaned WFL and PW VLS float systems and housings.
- **August 5, 2020**– Performed annual float test on PW AST.
- **August 10, 2020**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **August 11, 2020**– **800 hour maintenance**- Replaced blower filter and pre-filter, replaced combustion filter, greased all system fittings. Tested AST, VLS and process room floats. Replaced SVE-41 right vault shock absorber arm.
- **August 14, 2020**– Replaced system data card.

APPENDIX C
SVE SYSTEM MAINTENANCE CHRONOLOGY

- **August 17, 2020**– Drained condensate from both system compressors and performed bubble test on natural gas line. Replaced WFL VLS filter.
- **August 21, 2020**– Cleaned WFL VLS float systems and housings.
- **August 24, 2020**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **August 28, 2020**– Cleaned WFL VLS float systems and housings.
- **August 31, 2020**– Drained condensate from both system compressors and performed bubble test on natural gas line. Replaced WFL VLS pre-filter.
- **September 8, 2020**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **September 10, 2020**– Replaced WFL VLS pre-filter, cleaned both WFL and PW VLS units, and tested AST redundant containment.
- **September 14, 2020**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **September 15, 2020**– Power Systems Inc. changed the oil in the Champion air compressor and changed the blower oil.
- **September 21, 2020**– Drained condensate from both system compressors and performed bubble test on natural gas line. Opened Teal Line Header. Opened SVE-20, SVE-21, SVE-22, SVE-23, SVE-24, SVE-26, and SVE-27. Closed extraction wells SVE-3R, SVE-42, SVE-43, SVE-44, and SVE-47. Closed Blue Line Header. Adjusted blower speed from 18% to 20%.
- **September 22, 2020**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **September 25, 2020**– Cleaned WFL and PW VLS float systems and housings.
- **September 28, 2020**– **800 hour maintenance** - Replaced WFL VLS pre-filter, replaced PW VLS filter and pre-filter, replaced blower pre-filter, replaced combustion filter, and greased all system fittings. Tested AST, VLS and process room floats. Drained condensate from both system compressors and performed bubble test on natural gas line.
- **September 29, 2020**– replaced system data card.

Appendix D

SVE System Leg Flow Rates

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)
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
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

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)
7/1/2020	162	75	307	93	153	0
7/7/2020	158	76	313	101	150	0
7/8/2020	0	86	0	88	170	0
7/14/2020	0	84	0	94	171	0
7/20/2020	0	0	0	0	211	0
7/24/2020	0	240	0	0	0	0
8/6/2020	0	244	0	0	0	0
8/12/2020	0	243	0	0	0	0
8/19/2020	0	238	0	0	0	0
8/25/2020	0	235	0	0	0	0
9/2/2020	0	236	0	0	0	0
9/9/2020	0	235	0	0	0	0
9/16/2020	0	243	0	0	0	0
9/21/2020	0	243	0	0	0	0
9/23/2020	0	0	0	422	0	0
9/29/2020	0	0	0	418	0	0

¹USEPA 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.

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

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

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

⁵Red Leg and Green Leg were shut off on July 7, 2020 as part of SVE System Assessment.

⁶Purple Leg was shut off on July 20, 2020 as part of SVE System Assessment.

⁷Teal Leg was shut off between July 14 and September 21, 2020 as part of SVE System Assessment.

⁸Blue Leg was shut off between July 7-14, 2020, and was shut off on September 21, 2020 as part of SVE System Assessment.

Appendix E

Total Header Hydrocarbon Concentrations

**APPENDIX E
TOTAL HEADER HYDROCARBON CONCENTRATIONS**

Date	West Fenceline Concentration (ppmv)	Public Works Concentration (ppmv)
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

**APPENDIX E
TOTAL HEADER HYDROCARBON CONCENTRATIONS**

Date	West Fenceline Concentration (ppmv)	Public Works Concentration (ppmv)
7/1/2020	8,769	14,200
7/7/2020	9,400	10,300
7/8/2020	15,500	16,000
7/14/2020	17,000	14,500
7/20/2020	14,100	NA
7/24/2020	4,789	NA
8/6/2020	7,946	NA
8/12/2020	8,286	NA
8/19/2020	7,293	NA
8/25/2020	6,671	NA
9/2/2020	6,922	NA
9/9/2020	4,495	NA
9/16/2020	5,414	NA
9/21/2020	6,053	NA
9/23/2020	NA	8,341
9/29/2020	NA	9,345

¹NA = Not Applicable

²Samples not collected between 12/23/2019 and 1/10/2020 due to unplanned shutdowns.

³Samples not collected between 1/16/2020 and 3/6/2020 due to unplanned shutdown.

⁴West Fenceline Header was shut off on September 21, 2020 as part of SVE System Assessment.

⁵Public Works Header was shut off between July 14 and September 21, 2020 as part of SVE System Assessment.

Appendix F SVE System Flow Rates

**APPENDIX F
SVE SYSTEM FLOW RATES**

Date	West Fenceline Header¹ (SCFM)	Public Works Header¹ (SCFM)
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

**APPENDIX F
SVE SYSTEM FLOW RATES**

Date	West Fenceline Header ¹ (SCFM)	Public Works Header ¹ (SCFM)
7/1/2020	699	93
7/7/2020	698	101
7/8/2020	257	88
7/14/2020	254	94
7/20/2020	211	0
7/24/2020	240	0
8/6/2020	244	0
8/12/2020	243	0
8/19/2020	238	0
8/25/2020	235	0
9/2/2020	236	0
9/9/2020	235	0
9/16/2020	243	0
9/21/2020	243	0
9/23/2020	0	422
9/29/2020	0	418

¹USEPA 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.

²No flows shown between 12/23/2019 and 1/10/2020 because no SVE System samples were collected due to unplanned shutdowns.

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

⁴West Fenceline Header was shut off on September 21, 2020 as part of SVE System Assessment.

⁵Public Works Header was shut off between July 14 and September 21, 2020 as part of SVE System Assessment.

