



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 128 East Center Street
 City Nazareth
 State PA Zip Code 18064
 Contact Name Leroy Bealer
 Contact Title Principal Program Manager
 Phone 484-632-7955

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; Log 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 and SVE Monitoring Report - 4th Quarter 2021
 Date of Submittal January 20, 2022

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

Soil Vapor Sampling and SVE Monitoring Report for the 4th Quarter 2021 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 - 4th Quarter 2021 dated 1/20/2022 Copy of submittal also sent directly to R. Watson and G. Search of IPEA.

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.

For: Roxana, IL 4Q21 SV-SVE Report

Date of Submission: 1/20/2022

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: NOT APPLICABLE Date: _____

Title: _____

Operator Signature:  _____

Date: 1/12/2022

Title: Principal Program Manager

For: Roxane, IL 4021 SV-SVE Report

Date of Submission: 1/20/2022

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: Wendy M Pennington Date: 1/14/2022

Professional's Name Wendy M. Pennington

Address 100 N. Broadway, 20th Floor

City St. Louis

State MO Zip Code 63102

Phone 314-429-0100



January 20, 2022

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 – 4th Quarter 2021
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 with the IEPA, and the IEPA Collinsville FOS.

If you have any questions during your review, please contact Leroy Bealer, SOPUS Principal Program Manager, at leroy.bealer@shell.com (484-632-7955), or Wendy Pennington at wendy.pennington@aecom.com (314-452-8929).

Sincerely,

AECOM, on behalf of Shell Oil Products US



Samuel Fisher, CHMM
Environmental Scientist



Wendy Pennington, PE
Project Manager

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

cc:

Leroy Bealer, SOPUS
Thomas Morgan, Phillips 66
Rob Watson, IEPA, Springfield
IEPA Collinsville FOS
Yuping Ding, Illinois Department of Public Health
Greg Mollett, Greensfelder, Hemker & Gale P.C.
Repositories – Roxana Public Library, website

4th Quarter 2021 Report

Soil Vapor Sampling and SVE Monitoring Report Roxana, IL

Prepared for:
Equilon Enterprises LLC dba Shell Oil Products US

Project number: 60648474

January 2022

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1 Introduction

AECOM Technical Services, Inc. (AECOM) is submitting this 4th Quarter 2021 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**.

Per the IEPA letter dated October 1, 2020, the following soil vapor chemicals will be excluded from further consideration, and will not be included in quarterly report tables, effective with this 4th Quarter 2021 Soil Vapor Sampling and SVE Monitoring Report:

- Acetone
- 2-Butanone
- Carbon Disulfide
- Chlorodibromomethane
- Chloroethane
- Cyclohexane
- 1,2-Dichlorobenzene
- 1,1-Dichloroethane
- 1,1-Dichloroethylene
- *cis*-1,2-Dichloroethylene
- *trans*-1,2-Dichloroethylene
- Isopropylbenzene (Cumene)
- 4-Methyl-2-Pentanone (MIBK)
- Methyl-*tert*-Butyl-Ether (MTBE)
- *n*-Propylbenzene
- Styrene
- Tetrahydrofuran
- Toluene
- 1,1,1-Trichloroethane
- Trichlorofluoromethane
- 1,2,2-Trichloro-1,1,2-Trifluoroethane (Freon 113)

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 4th Quarter 2021 (4Q21) was at a depth of approximately 24 to 39 feet bgs (approximate elevation of 405 to 406.5 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 vicinity of the West Fenceline remained similar to, or have fallen up to approximately 0.5 feet since the 3Q21 gauging event. Water level measurements collected during the 4Q21 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 4Q21 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 4Q21.

¹ 4Q21 comprehensive groundwater monitoring well gauging performed October 4-6, 2021.

3 Soil Vapor Sampling and Analytical Procedures

The 4Q21 soil vapor sampling event was performed in accordance with ASTM D-7663-12 and applicable site-specific Standard Operating Procedures (SOPs) that incorporate previous IEPA comments, conditions, and/or modifications. Current SOPs are provided to the IEPA as updates are made. The 4Q21 soil vapor sampling event was conducted October 22 – November 1, 2021.

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**.

Saturated VMP Screens – The groundwater monitoring well gauging results suggested that 23 of the VMP screens were submerged beneath the water table (or a temporary water condition) during 4Q21; details are provided below. This is a relatively greater number of VMPs as compared to typical quarters and is believed to be in part the result of elevated groundwater conditions.

- One 1st interval VMP, VMP-55-5, held vacuum during the attempted purge and were most likely submerged. The screen for VMP-55-5 is within fill material, and it is not unusual for shallow water to be trapped in the fill.
- Three 2nd interval VMPs, VMP-8-9.5, VMP-25-9.5 and VMP-55-10, held vacuum during the attempted purge and were most likely submerged. The screens for VMP-25-9.5 and VMP-55-10 are within fill material, and it is not unusual for shallow water to be trapped in the fill.
- Three 3rd interval VMPs, VMP-8-23.5, VMP-22-18, and VMP-25-21, held vacuum during the attempted purge and were most likely submerged.
- Sixteen 4th interval VMPs, VMP-2-42, VMP-4-39, VMP-5-40, VMP-7-38, VMP-8-35.5, VMP-9-38.5, VMP-10-30, VMP-12-39, VMP-15-29, VMP-20-39.5, VMP-23-40, VMP-29-40, VMP-30-40, 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 4Q21 are identified on **Figures 4** through **6**.

Re-samples – No re-samples were collected in 4Q21.

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

² With the exception of single shallow ports at VMP-17, 18, 19, three ports at VMP-41 through VMP-45, VMP-56, and five ports at VMP-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 February 4, 2021 (AECOM, 2021a).

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

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

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

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

Decontamination

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

Investigation Derived Waste

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

3.3 Sample Handling and Laboratory Testing

Sample Handling

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

Laboratory Testing

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

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

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

3.4 Data Quality Review and Data Management

Laboratory data were provided in electronic form, and analytical data were independently reviewed and qualified by AECOM. One hundred percent of the data were subjected to a data quality review. Evaluation of the data followed procedures outlined in the USEPA National Functional Guidelines for Superfund Organic Methods Data Review (USEPA, 2020). 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.

4 Soil Vapor Sampling Results

4.1 Data Quality Review Results

A total of 143 investigative samples and 16 field duplicate samples were collected from VMPs for analysis of VOCs (TO-15 analytes) and natural gases. Results qualified by AECOM due to method blank contamination, field duplicate results, and quality control sample recoveries are specified in the data reviews, which are retained in the project file. Based on method blanks, laboratory control sample recoveries, results reported from dilutions, and field duplicate results, soil vapor results reported for the analyses performed were accepted for their intended use.

4.2 Soil Vapor Analytical Results

The following TO-15 analytes were detected at concentrations at or above the reporting limit in soil vapor during the 4Q21 sampling event:

TO-15 Detections	
1,2,4-Trimethyl benzene	Dichlorodifluoromethane
1,2-Dichloroethane	Ethanol
1,3,5-Trimethyl benzene	Ethyl benzene
1,4-Dioxane	Heptane
2,2,4-Trimethylpentane	Hexane
2-Propanol	Isopentane
4-Ethyltoluene	m,p-Xylenes
Benzene	n-Propyl benzene
Bromodichloromethane	o-Xylene
Butane	Tetrachloroethene
Chloroform	Trichloroethene

No analytes were detected at or above the reporting limit for the first time at any VMP in 4Q21. 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 1 of 117 samples, and was estimated between the MDL and RL in 8 of 117 samples collected in the Village. Concentrations of benzene from locations within the Village ranged from an estimated 0.0012 mg/m³ (VMP-7-5) to 0.0062 mg/m³ (VMP-19-5 duplicate). 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 4Q21 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 34 samples, and was estimated between the MDL and RL in 4 of 34 samples collected in the Roxana Public Works Yard and the area along Illinois Route 111 and Rand Avenue. Benzene concentrations ranged from an estimated 0.0011 mg/m³ (VMP-29-26) to 0.011 mg/m³ (VMP-30-26). 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 4Q21 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 4 of 8 samples, and was estimated between the MDL and RL in 2 of 8 samples collected in the WRR, and ranged in concentration from an estimated 0.0019 mg/m³ (VMP-16-5) to 430 mg/m³ (VMP-16-31). The results of samples collected in the WRR indicate that 3 samples exceeded the commercial/industrial screening criterion (2.8 mg/m³) for benzene (VMP-12-25, VMP-16-19 and VMP-16-31). The 4Q21 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). 4Q21 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** 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 4Q21. **Figure 9**, **Figure 10**,

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

Groundwater Monitoring Well Gauging and Sampling

The results for groundwater monitoring well gauging and sampling are presented in the Interim Groundwater Monitoring Program – 4th Quarter 2021 Report (AECOM, 2022). **Figure 12** presents the estimated distribution of dissolved phase benzene in the groundwater. Light non-aqueous phase liquid (LNAPL) thicknesses observed during the 4Q21 comprehensive monitoring well gauging are presented in **Table 1** and shown on **Figure 12**.

Buckeye Pipeline Release

In November 2020 a gasoline release was discovered at a pipeline owned and operated by Buckeye Partners LP. The release is associated with IEPA Violation Notice L-2021-00084, LPC #1190905036 – Madison County. The release site was located within the Investigation Area off the southeast corner of the Public Works Yard, between WRR North and Main Properties. In the vicinity of the release site, increased petroleum hydrocarbon (PHC) concentrations have been observed at extraction well SVE-27 in the Public Works Yard (see **Table 8**), and increased gasoline-range hydrocarbons have been observed at VMP-16 and VMP-55 (see **Table 6** and **Appendix B**), and groundwater monitoring well P-66 on WRR Main Property (see Interim Groundwater Monitoring Program – 4th Quarter 2021 Report; AECOM, 2022). The approximate location of the release is shown on **Figures 2, 4 to 7, 9 to 11, and 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 4Q21. SVE system history is further discussed in **Appendix A**.

5.1 SVE System Operations

The removal of hydrocarbons at the Investigation Area has continued due to daily operation of the SVE system. Natural gas continues to be used as a supplemental fuel for the RTO. 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.

5.2 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, 2021b). 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.

A chronology of maintenance and operation activities associated with the system during 4Q21 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.

Fourth & Chaffer SVE Wells

On May 25, 2021 each of the operating Blue Line SVE wells in the Fourth St. and Chaffer Ave area were closed. Following these closures, vacuum was observed at closed Blue Line SVE wells, due to the influence of the Purple Line SVE wells operating inside the WRR (SVE-30 through SVE-33). On August 10, 2021 the 1-inch threaded plug³ was removed from the caps of Blue Line wells SVE-42, SVE-43, SVE-44, SVE-46, and SVE-47, which allowed the Purple Line's vacuum to draw air into the wells and into the subsurface via the wells' screens. Following removal of the caps, increased oxygen has been observed at VMPs in the Fourth and Chaffer area. Aerobic degradation of hydrocarbons in the subsurface >30 ft bgs may potentially be enhanced due to increased oxygen. Monthly SVE and VMP field screening results are included in **Tables 8 and 9**, respectively. Locations of SVE wells and VMPs are shown on **Figure 13**.

³ Each SVE well has a 1-inch threaded plug in its riser cap. The plug creates an airtight seal when screwed into the gauging hole in the cap. Typically the plug is only removed to gauge the water level in the well, and then replaced as soon as gauging is completed at the well.

SVE-42, SVE-43, SVE-44, SVE-46, and SVE-47 were chosen because they are located on SOPUS-owned property, their vaults do not fill with rainwater, and LNAPL has not been detected in recent years. A fine mesh has been affixed over the open 1-inch plugholes of the wells to keep debris from falling into the wells. The well vaults remain securely fastened shut and are routinely checked. The SVE wells and VMPs in the Fourth and Chaffer area will continue to be monitored, and operational changes may be assessed based on field measurements and/or sample data.

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 4Q21 (listed below) are shown on **Figure 13**.

- SVE wells operating during at least one effectiveness monitoring event in 4Q21 were:
 - SVE-20, SVE-30 through SVE-33, SVE-37, and SVE-39 located on WRR North Property.
 - SVE-21, SVE-24 and SVE-27 located in the Roxana Public Works Yard.
 - Samples were collected from all operating SVE wells during 4Q21 effectiveness monitoring events.
- Fifty VMP locations were sampled monthly during 4Q21 with one duplicate sample taken per twenty samples.
 - VMP-1 through VMP-7, VMP-9, VMP-18, VMP-19, VMP-32, VMP-42, VMP-43, 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-39, VMP-46, VMP-57 through VMP-61, and VMP-65 are located on WRR North Property.
 - VMP-10, VMP-11, VMP-13, VMP-14, VMP-17, VMP-29, VMP-30, and VMP-41 are located in the Roxana Public Works Yard.
 - VMP-55 is located on an IDOT right-of-way west of the Roxana Public Works Yard.

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

SVE System Monitoring Results:

- 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 4Q21. See system downtime and hydrocarbon mass removal calculation discussion details in **Section 5.4**.
- During 4Q21, LNAPL was observed in SVE-45 and SVE-3R. The screened intervals for these locations were installed in the vadose zone above the groundwater table. During 4Q21 no LNAPL was recovered from SVE-45 or SVE-3R.

5.4 SVE System Operation Evaluation

October			November			December		
Total Time	Total Uptime	Percentage Uptime	Total Time	Total Uptime	Percentage Uptime	Total Time	Total Uptime	Percentage Uptime
744 hours	741.37 hours	99.65%	720 hours	533.82 hours	74.14%	744 hours	724.88 hours	97.43%

During 4Q21 the SVE system experienced four periods of unplanned downtime:

- October 13, 2021 the system experienced downtime associated with a variable frequency drive (VFD) alarm. Total downtime was approximately 1 hour.
- November 9-17, 2021 the system experienced downtime due to issues with the VFD. The system was restarted after the VFD control board was replaced. Total downtime was approximately 184 hours and 35 minutes.
- November 23, 2021 the system experienced a downtime associated with the WFL VLS float alarm. Total downtime was approximately 1 hour and 23 minutes.
- December 10-11, 2021 the system experienced downtime associated with a power outage. Total downtime was approximately 18 hours and 36 minutes.

The remainder of downtime in 4Q21 was associated with routine (planned) maintenance activities. A summary table of system downtime by date for 4Q21 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.

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 not adjusted during 4Q21. Blower speed adjustments, manual dilution valve 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

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

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, 22.2 lb/lb-mole and 22.7 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 4Q21.

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

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.

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
4Q20	18	30	48	3,096
1Q21	22	18	40	3,136
2Q21	22	13	35	3,171
3Q21	17	10	27	3,198
4Q21	15	8	23	3,221

Carbon Footprint

Total carbon dioxide (CO₂) mass emitted from operation of the SVE system RTO in 4Q21 was approximately 129.7 tons. Based on a total of 23 tons of total hydrocarbons (THC) removed from the subsurface and treated by the RTO, the CO₂ mass emissions rate in 4Q21 was approximately 5.5 tons per ton THC removed.

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 4Q21 is as follows:

- 58.4 tons CO₂ from soil vapor combustion
- 29.6 tons CO₂ from combustion of 5,036 therms of supplemental natural gas⁵
- 41.6 tons CO₂ from 70,941 kWh of electricity assuming 0.532 metric tons (0.586 tons) CO₂ emitted per Net MWh (Ameren, 2021)
- **129.7 tons CO₂ Total**

Total CO₂ emissions resulting from operation of the SVE system in 4Q21 are equivalent to annual CO₂ emissions due to energy use of 14.2 average American households⁶.

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 Based on annual emissions of 8.3 metric tons of CO₂ associated with the energy use of an average American household (USEPA, 2021).

6 Conclusions

AECOM conducted the 4Q21 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 4Q21:

- Soil vapor samples were collected from 45 locations and 143 ports in the Village, Public Works Yard, and WRR during 4Q21. Due to subsurface water conditions, 23 ports were submerged and unable to be sampled.
 - No sample results exceeded the benzene residential screening criterion (0.37 mg/m³) in the Village. Benzene concentrations ranged from an estimated 0.0012 mg/m³ to 0.0062 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. Benzene concentrations ranged from an estimated 0.0011 mg/m³ to 0.011 mg/m³.
 - Sample results exceeded the benzene commercial/industrial screening criterion (2.8 mg/m³) in the WRR at VMP-12 (25 ft bgs) and VMP-16 (19 and 31 ft bgs). Benzene concentrations ranged from an estimated 0.0019 mg/m³ to 430 mg/m³.
- Soil vapor concentrations of petroleum hydrocarbons in the Village have been below Tier 1 criteria from 5 to 30 ft bgs since 1st Quarter 2017.
- Increased PHC concentrations at SVE-27 and increased gasoline-range hydrocarbons at VMP-16 and VMP-55 have been observed in the vicinity of a Buckeye Partners LP pipeline gasoline release (see **Section 4.3**).
- As presented in detail in this report, the SVE system continues to operate with supplemental fuel and has been effective. SVE System operations continue to focus on the Fourth & 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 4Q21. Preliminary carbon footprint analysis indicates that operating the SVE system in 4Q21, including the contribution from electricity generation, resulted in the emissions of approximately 129.7 tons of CO₂, compared to 23 tons of THC removed from the subsurface.

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.

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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											
1Q21	442.83	1/5/2021	NE	37.23	NA	NA	NA	405.60	394.03 - 384.03 (48.80 - 58.80)	0.0	*
2Q21		4/5/2021	NE	37.66	NA	NA	NA	405.17		0.0	*
3Q21		7/7/2021	NE	37.27	NA	NA	NA	405.56		0.0	*
4Q21		10/5/2021	NE	37.81	NA	NA	NA	405.02		0.1	*
MW 02											
1Q21	443.93	1/4/2021	NE	38.51	NA	NA	NA	405.42	394.06 - 384.06 (49.87 - 59.87)	42.0	*
2Q21		4/5/2021	NE	38.94	NA	NA	NA	404.99		65.2	*
3Q21		7/6/2021	NE	38.66	NA	NA	NA	405.27		40.3	*
4Q21		10/4/2021	NE	39.11	NA	NA	NA	404.82		9.8	*
MW 03											
1Q21	430.23	1/5/2021	NE	24.59	NA	NA	NA	405.64	395.56 - 385.56 (34.67 - 44.67)	0.0	*
2Q21		4/5/2021	NE	24.90	NA	NA	NA	405.33		0.0	*
3Q21		7/7/2021	NE	24.30	NA	NA	NA	405.93		0.0	*
4Q21		10/5/2021	NE	25.09	NA	NA	NA	405.14		0.2	*
MW 04											
1Q21	441.31	1/5/2021	NE	35.73	NA	NA	NA	405.58	396.25 - 386.25 (45.06 - 55.06)	0.0	*
2Q21		4/5/2021	NE	36.08	NA	NA	NA	405.23		0.0	*
3Q21		7/7/2021	NE	35.64	NA	NA	NA	405.67		0.0	*
4Q21		10/5/2021	NE	36.29	NA	NA	NA	405.02		0.4	*
MW 05											
1Q21	429.98	1/5/2021	NE	24.25	NA	NA	NA	405.73	396.01 - 386.01 (33.97 - 43.97)	0.0	*
2Q21		4/6/2021	NE	24.60	NA	NA	NA	405.38		0.0	*
3Q21		7/7/2021	NE	24.02	NA	NA	NA	405.96		0.0	*
4Q21		10/5/2021	NE	24.79	NA	NA	NA	405.19		2.8	*
MW 06A											
1Q21	432.33	1/4/2021	NE	26.33	NA	NA	NA	406.00	398.48 - 388.48 (33.85 - 43.85)	0.0	*
2Q21		4/6/2021	NE	26.61	NA	NA	NA	405.72		0.0	*
3Q21		7/7/2021	NE	26.06	NA	NA	NA	406.27		0.0	*
4Q21		10/5/2021	NE	26.94	NA	NA	NA	405.39		0.0	*
MW 06B											
1Q21	432.37	1/4/2021	NE	26.38	NA	NA	NA	405.99	368.32 - 363.32 (64.05 - 69.05)	0.0	*
2Q21		4/6/2021	NE	26.65	NA	NA	NA	405.72		0.0	*
3Q21		7/7/2021	NE	26.12	NA	NA	NA	406.25		0.0	*
4Q21		10/5/2021	NE	26.98	NA	NA	NA	405.39		0.0	*
MW 06C											
1Q21	432.18	1/4/2021	NE	26.16	NA	NA	NA	406.02	347.23 - 342.23 (84.95 - 89.95)	0.0	*
2Q21		4/6/2021	NE	26.44	NA	NA	NA	405.74		0.0	*
3Q21		7/7/2021	NE	25.94	NA	NA	NA	406.24		0.0	*
4Q21		10/5/2021	NE	26.78	NA	NA	NA	405.40		0.0	*
MW 06D											
1Q21	432.06	1/5/2021	NE	26.03	NA	NA	NA	406.03	327.34 - 322.34 (104.72 - 109.72)	0.0	*
2Q21		4/6/2021	NE	26.30	NA	NA	NA	405.76		0.0	*
3Q21		7/7/2021	NE	25.76	NA	NA	NA	406.30		0.0	*
4Q21		10/5/2021	NE	26.63	NA	NA	NA	405.43		0.0	*
MW 07											
1Q21	443.31	1/4/2021	NE	37.75	NA	NA	NA	405.56	400.39 - 390.39 (42.92 - 52.92)	1026	*
2Q21		4/5/2021	NE	38.11	NA	NA	NA	405.20		0.0	*
3Q21		7/6/2021	NE	37.74	NA	NA	NA	405.57		1005	*
4Q21		10/4/2021	NE	38.33	NA	NA	NA	404.98		18.2	*
MW 08											
1Q21	434.43	1/4/2021	NE	28.73	NA	NA	NA	405.70	400.83 - 390.83 (33.60 - 43.60)	0.0	*
2Q21		4/6/2021	NE	29.03	NA	NA	NA	405.40		3.6	*
3Q21		7/7/2021	NE	28.51	NA	NA	NA	405.92		27.3	*
4Q21		10/5/2021	NE	29.29	NA	NA	NA	405.14		0.0	*
MW 09											
1Q21	445.28	1/4/2021	NE	38.57	NA	NA	NA	406.71	399.24 - 389.24 (46.04 - 56.04)	0.0	*
2Q21		4/5/2021	NE	39.31	NA	NA	NA	405.97		0.0	*
3Q21		7/6/2021	NE	38.86	NA	NA	NA	406.42		0.0	*
4Q21		10/4/2021	NE	39.21	NA	NA	NA	406.07		0.1	*
MW 10											
1Q21	445.06	1/4/2021	NE	38.38	NA	NA	NA	406.68	400.63 - 390.63 (44.43 - 54.43)	0.0	*
2Q21		4/5/2021	NE	39.07	NA	NA	NA	405.99		0.0	*
3Q21		7/6/2021	NE	38.78	NA	NA	NA	406.28		0.0	*
4Q21		10/4/2021	NE	39.09	NA	NA	NA	405.97		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 11											
1Q21	442.38	1/4/2021	NE	36.35	NA	NA	NA	406.03	400.72 - 390.72 (41.66 - 51.66)	0.0	-
2Q21		4/5/2021	NE	36.93	NA	NA	NA	405.45		0.0	-
3Q21		7/6/2021	NE	36.53	NA	NA	NA	405.85		0.0	-
4Q21		10/4/2021	NE	36.90	NA	NA	NA	405.48		0.0	-
MW 12											
1Q21	442.64	1/4/2021	NE	36.92	NA	NA	NA	405.72	400.72 - 390.72 (41.92 - 51.92)	0.0	-
2Q21		4/5/2021	NE	37.43	NA	NA	NA	405.21		0.0	-
3Q21		7/7/2021	NE	36.95	NA	NA	NA	405.69		0.0	-
4Q21		10/5/2021	NE	37.49	NA	NA	NA	405.15		0.3	-
MW 13											
1Q21	430.30	1/5/2021	NE	24.41	NA	NA	NA	405.89	405.50 - 395.50 (24.80 - 34.80)	0.0	-
2Q21		4/6/2021	NE	24.52	NA	NA	NA	405.78		0.0	-
3Q21		7/7/2021	NE	23.75	NA	NA	NA	406.55		0.0	-
4Q21		10/5/2021	NE	24.71	NA	NA	NA	405.59		0.0	-
MW 14											
1Q21	434.61	1/5/2021	NE	28.32	NA	NA	NA	406.29	401.19 - 391.19 (33.42 - 43.42)	33.2	-
2Q21		4/7/2021	NE	28.55	NA	NA	NA	406.06		43.3	-
3Q21		7/7/2021	NE	28.15	NA	NA	NA	406.46		94.3	-
4Q21		10/6/2021	NE	29.02	NA	NA	NA	405.59		41.3	-
MW 16											
1Q21	443.60	1/4/2021	NE	37.97	NA	NA	NA	405.63	406.10 - 396.10 (37.50 - 47.50)	0.0	-
2Q21		4/5/2021	NE	38.45	NA	NA	NA	405.15		0.0	-
3Q21		7/7/2021	NE	38.18	NA	NA	NA	405.42		0.0	-
4Q21		10/4/2021	NE	38.57	NA	NA	NA	405.03		0.0	-
MW 17											
1Q21	441.78	1/4/2021	NE	36.09	NA	NA	NA	405.69	407.49 - 392.49 (34.29 - 49.29)	5.7	-
2Q21		4/5/2021	NE	36.61	NA	NA	NA	405.17		1.0	-
3Q21		7/6/2021	NE	36.63	NA	NA	NA	405.15		18.0	-
4Q21		10/4/2021	NE	36.85	NA	NA	NA	404.93		0.1	-
MW 18											
1Q21	442.24	1/4/2021	NE	36.80	NA	NA	NA	405.44	407.32 - 392.32 (34.92 - 49.92)	0.0	-
2Q21		4/5/2021	NE	37.20	NA	NA	NA	405.04		0.0	-
3Q21		7/6/2021	NE	37.26	NA	NA	NA	404.98		0.0	-
4Q21		10/4/2021	NE	37.46	NA	NA	NA	404.78		0.0	-
MW 19											
1Q21	442.98	1/4/2021	NE	37.52	NA	NA	NA	405.46	406.64 - 391.64 (36.34 - 51.34)	0.0	-
2Q21		4/5/2021	NE	37.93	NA	NA	NA	405.05		0.0	-
3Q21		7/6/2021	NE	37.88	NA	NA	NA	405.10		0.0	-
4Q21		10/4/2021	NE	38.16	NA	NA	NA	404.82		0.0	-
MW 20											
1Q21	443.86	1/4/2021	NE	38.44	NA	NA	NA	405.42	407.98 - 392.98 (35.88 - 50.88)	0.0	-
2Q21		4/5/2021	NE	38.87	NA	NA	NA	404.99		0.0	-
3Q21		7/6/2021	NE	38.70	NA	NA	NA	405.16		0.0	-
4Q21		10/4/2021	NE	39.06	NA	NA	NA	404.80		0.0	-
MW 21											
1Q21	444.01	1/4/2021	NE	38.56	NA	NA	NA	405.45	409.00 - 394.00 (35.01 - 50.01)	0.0	-
2Q21		4/5/2021	NE	38.95	NA	NA	NA	405.06		0.0	-
3Q21		7/6/2021	NE	38.87	NA	NA	NA	405.14		0.0	-
4Q21		10/4/2021	NE	39.19	NA	NA	NA	404.82		0.0	-
MW 22											
1Q21	442.38	1/4/2021	NE	36.57	NA	NA	NA	405.81	403.95 - 393.95 (38.43 - 48.43)	0.0	-
2Q21		4/5/2021	NE	37.10	NA	NA	NA	405.28		0.6	-
3Q21		7/7/2021	NE	36.84	NA	NA	NA	405.54		0.0	-
4Q21		10/4/2021	NE	37.18	NA	NA	NA	405.20		0.0	-
MW 23											
1Q21	431.57	1/5/2021	NE	25.82	NA	NA	NA	405.75	402.55 - 392.55 (29.02 - 39.02)	0.0	-
2Q21		4/5/2021	NE	26.03	NA	NA	NA	405.54		0.0	-
3Q21		7/7/2021	NE	25.31	NA	NA	NA	406.26		0.0	-
4Q21		10/5/2021	NE	26.28	NA	NA	NA	405.29		5.5	-
MW 24											
1Q21	443.65	1/4/2021	NE	37.68	NA	NA	NA	405.97	404.04 - 394.04 (39.61 - 49.61)	0.0	-
2Q21		4/5/2021	NE	38.28	NA	NA	NA	405.37		0.0	-
3Q21		7/7/2021	NE	37.81	NA	NA	NA	405.84		0.0	-
4Q21		10/5/2021	NE	38.28	NA	NA	NA	405.37		0.0	-

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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
MW 25											
1Q21	438.53	1/5/2021	NE	32.87	NA	NA	NA	405.66	402.94 - 392.94 (35.59 - 45.59)	6.6	*
2Q21		4/6/2021	NE	33.24	NA	NA	NA	405.29		44.8	*
3Q21		7/6/2021	NE	32.81	NA	NA	NA	405.72		65.9	*
4Q21		10/5/2021	NE	33.47	NA	NA	NA	405.06		201	*
MW 26											
1Q21	441.23	1/5/2021	NE	35.62	NA	NA	NA	405.61	403.08 - 393.08 (38.15 - 48.15)	0.0	*
2Q21		4/6/2021	NE	35.92	NA	NA	NA	405.31		0.0	*
3Q21		7/7/2021	NE	35.63	NA	NA	NA	405.60		0.0	*
4Q21		10/5/2021	NE	36.22	NA	NA	NA	405.01		0.3	*
MW 27											
1Q21	443.60	1/4/2021	NE	36.79	NA	NA	NA	406.81	403.81 - 393.81 (39.79 - 49.79)	0.0	*
2Q21		4/6/2021	NE	37.68	NA	NA	NA	405.92		0.0	*
3Q21		7/6/2021	NE	37.06	NA	NA	NA	406.54		0.0	*
4Q21		10/4/2021	NE	37.19	NA	NA	NA	406.41		0.1	*
MW 28											
1Q21	443.55	1/4/2021	NE	35.90	NA	NA	NA	407.65	409.94 - 399.94 (33.61 - 43.61)	0.0	*
2Q21		4/5/2021	NE	36.69	NA	NA	NA	406.86		0.0	*
3Q21		7/6/2021	NE	36.33	NA	NA	NA	407.22		0.0	*
4Q21		10/4/2021	NE	36.31	NA	NA	NA	407.24		0.1	*
P 01											
1Q21	442.98	1/6/2021	NE	27.91	NA	NA	NA	415.07	380.76 - 375.76 (62.22 - 67.22)	0.0	*
2Q21		4/6/2021	NE	27.39	NA	NA	NA	415.59		0.0	*
3Q21		7/7/2021	NE	27.98	NA	NA	NA	415.00		0.0	*
4Q21		10/5/2021	NE	28.95	NA	NA	NA	414.03		0.0	*
P 4U											
1Q21	442.74	1/6/2021	NE	29.03	NA	NA	NA	413.71	361.59 - 359.59 (81.15 - 83.15)	0.0	*
2Q21		4/7/2021	NE	28.80	NA	NA	NA	413.94		0.0	*
3Q21		7/7/2021	NE	29.36	NA	NA	NA	413.38		0.0	*
4Q21		10/5/2021	NE	30.15	NA	NA	NA	412.59		0.0	*
P 5L											
1Q21	444.01	1/6/2021	NE	29.23	NA	NA	NA	414.78	303.61 - 301.61 (140.40 - 142.40)	0.0	*
2Q21		4/7/2021	NE	28.14	NA	NA	NA	415.87		0.0	*
3Q21		7/7/2021	NE	29.02	NA	NA	NA	414.99		0.0	*
4Q21		10/5/2021	NE	30.04	NA	NA	NA	413.97		0.0	*
P 5U											
1Q21	444.42	1/6/2021	NE	30.20	NA	NA	NA	414.22	313.79 - 311.79 (130.63 - 132.63)	0.0	*
2Q21		4/7/2021	NE	29.79	NA	NA	NA	414.63		0.0	*
3Q21		7/7/2021	NE	30.42	NA	NA	NA	414.00		0.0	*
4Q21		10/5/2021	NE	31.19	NA	NA	NA	413.23		0.0	*
P 6U											
1Q21	443.63	1/6/2021	NE	29.88	NA	NA	NA	413.75	363.13 - 361.13 (80.50 - 82.50)	0.0	*
2Q21		4/7/2021	NE	29.26	NA	NA	NA	414.37		0.0	*
3Q21		7/7/2021	NE	29.97	NA	NA	NA	413.66		0.0	*
4Q21		10/5/2021	NE	30.81	NA	NA	NA	412.82		0.0	*
P 7U											
1Q21	444.08	1/6/2021	NE	30.19	NA	NA	NA	413.89	383.00 - 381.00 (61.08 - 63.08)	0.0	*
2Q21		4/7/2021	NE	29.34	NA	NA	NA	414.74		0.0	*
3Q21		7/7/2021	NE	30.12	NA	NA	NA	413.96		0.0	*
4Q21		10/5/2021	NE	31.01	NA	NA	NA	413.07		0.0	*
P 8U											
1Q21	442.07	1/5/2021	NE	29.88	NA	NA	NA	412.19	382.72 - 380.72 (59.35 - 61.35)	0.0	*
2Q21		4/7/2021	NE	30.01	NA	NA	NA	412.06		28.0	*
3Q21		7/7/2021	NE	30.50	NA	NA	NA	411.57		0.0	*
4Q21		10/5/2021	NE	31.12	NA	NA	NA	410.95		0.0	*
P 9U											
1Q21	445.20	1/5/2021	NE	34.35	NA	NA	NA	410.85	344.61 - 342.61 (100.59 - 102.59)	0.0	*
2Q21		4/6/2021	NE	34.81	NA	NA	NA	410.39		0.0	*
3Q21		7/7/2021	NE	35.25	NA	NA	NA	409.95		0.0	*
4Q21		10/5/2021	NE	35.72	NA	NA	NA	409.48		0.0	*
P 11L											
1Q21	442.76	1/5/2021	NE	30.56	NA	NA	NA	412.20	332.55 - 330.55 (110.21 - 112.21)	0.0	*
2Q21		4/7/2021	NE	30.99	NA	NA	NA	411.77		0.0	*
3Q21		7/7/2021	NE	31.44	NA	NA	NA	411.32		0.0	*
4Q21		10/5/2021	NE	31.98	NA	NA	NA	410.78		0.0	*

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P 11U											
1Q21	443.38	1/5/2021	NE	31.18	NA	NA	NA	412.20	343.46 - 341.46 (99.92 - 101.92)	0.0	*
2Q21		4/7/2021	NE	31.80	NA	NA	NA	411.58		0.0	*
3Q21		7/7/2021	NE	32.03	NA	NA	NA	411.35		0.0	*
4Q21		10/5/2021	NE	32.63	NA	NA	NA	410.75		0.0	*
P 14											
1Q21	443.01	1/6/2021	NE	27.98	NA	NA	NA	415.03	395.54 - 385.54 (47.47 - 57.47)	0.0	*
2Q21		4/6/2021	NE	27.50	NA	NA	NA	415.51		0.0	*
3Q21		7/7/2021	NE	28.06	NA	NA	NA	414.95		0.0	*
4Q21		10/5/2021	NE	29.01	NA	NA	NA	414.00		0.0	*
P 15											
1Q21	443.88	1/6/2021	NE	29.71	NA	NA	NA	414.17	398.43 - 388.43 (45.45 - 55.45)	0.0	*
2Q21		4/7/2021	NE	29.50	NA	NA	NA	414.38		0.0	*
3Q21		7/7/2021	NE	30.01	NA	NA	NA	413.87		0.0	*
4Q21		10/5/2021	NE	30.81	NA	NA	NA	413.07		0.0	*
P 16											
1Q21	442.84	1/6/2021	NE	28.81	NA	NA	NA	414.03	397.10 - 387.10 (45.74 - 55.74)	0.0	*
2Q21		4/7/2021	NE	28.20	NA	NA	NA	414.64		0.0	*
3Q21		7/7/2021	NE	28.86	NA	NA	NA	413.98		0.0	*
4Q21		10/5/2021	NE	29.71	NA	NA	NA	413.13		0.0	*
P 43											
1Q21	444.62	1/5/2021	NE	32.06	NA	NA	NA	412.56	381.06 - 371.06 (63.56 - 73.56)	0.0	*
2Q21		4/7/2021	NE	32.44	NA	NA	NA	412.18		0.0	*
3Q21		7/7/2021	NE	32.87	NA	NA	NA	411.75		0.0	*
4Q21		10/5/2021	NE	33.50	NA	NA	NA	411.12		0.0	*
P 53											
1Q21	446.57	1/5/2021	NE	37.82	NA	NA	NA	408.75	406.26 - 381.26 (40.31 - 65.31)	0.0	*
2Q21		4/6/2021	NE	38.57	NA	NA	NA	408.00		0.0	*
3Q21		7/7/2021	NE	38.21	NA	NA	NA	408.36		0.0	*
4Q21		10/5/2021	NE	38.52	NA	NA	NA	408.05		0.0	*
P 54											
1Q21	442.52	1/4/2021	NE	36.47	NA	NA	NA	406.05	404.52 - 379.52 (38.00 - 63.00)	0.0	*
2Q21		4/5/2021	NE	37.06	NA	NA	NA	405.46		0.0	*
3Q21		7/6/2021	NE	36.52	NA	NA	NA	406.00		0.0	*
4Q21		10/5/2021	NE	37.02	NA	NA	NA	405.50		0.0	*
P 55R											
1Q21	444.01	1/4/2021		36.40	36.41	407.60	407.61	0.01	407.61	185	*
2Q21		4/5/2021		37.11	37.17	406.84	406.90	0.06	406.89	125	*
3Q21		7/6/2021		37.04	37.10	406.91	406.97	0.06	406.96	115	*
4Q21		10/4/2021		36.85	36.99	407.02	407.16	0.14	407.13	109	*
P 56											
1Q21	446.32	1/8/2021	NE	41.06	NA	NA	NA	405.26	405.50 - 380.50 (40.82 - 65.82)	86.4	*
2Q21		4/5/2021	NE	41.38	NA	NA	NA	404.94		20.2	*
3Q21		7/6/2021	NE	41.22	NA	NA	NA	405.10		115	*
4Q21		10/4/2021	NE	41.54	NA	NA	NA	404.78		76.1	*
P 57											
1Q21	447.15	1/4/2021	NE	41.74	NA	NA	NA	405.41	402.96 - 392.96 (44.19 - 54.19)	169	*
2Q21		4/5/2021	NE	42.15	NA	NA	NA	405.00		47.1	*
3Q21		7/6/2021	NE	41.87	NA	NA	NA	405.28		159	*
4Q21		10/4/2021	NE	42.36	NA	NA	NA	404.79		6.0	*
P 58											
1Q21	445.16	1/4/2021		39.82	39.85	405.31	405.34	0.03	405.33	178	*
2Q21		4/5/2021		39.98	39.98	NA	NA	NA	405.18	0.0	*
3Q21		7/6/2021		39.65	39.69	405.47	405.51	0.04	405.50	33.7	*
4Q21		10/4/2021		40.23	40.24	404.92	404.93	0.01	404.93	0.1	*
P 59											
1Q21	447.07	1/4/2021	NE	41.66	NA	NA	NA	405.41	399.16 - 374.16 (47.91 - 72.91)	186	*
2Q21		4/5/2021	NE	42.14	NA	NA	NA	404.93		156	*
3Q21		7/6/2021	NE	42.08	NA	NA	NA	404.99		14.9	*
4Q21		10/4/2021	NE	42.33	NA	NA	NA	404.74		147	*
P 60											
1Q21	446.88	1/4/2021	NE	41.02	NA	NA	NA	405.86	402.23 - 382.23 (44.65 - 64.65)	74.6	*
2Q21		4/5/2021	NE	41.55	NA	NA	NA	405.33		0.0	*
3Q21		7/6/2021	NE	41.48	NA	NA	NA	405.40		7.3	*
4Q21		10/4/2021	NE	41.67	NA	NA	NA	405.21		7.7	*

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P 61											
1Q21	444.66	1/5/2021	39.68	39.70	404.96	404.98	0.02	404.98	398.98 - 373.98 (45.68 - 70.68)	102	*
2Q21		4/5/2021	39.70	39.71	404.95	404.96	0.01	404.96		88.1	*
3Q21		7/6/2021	40.02	40.07	404.59	404.64	0.05	404.63		152	*
4Q21		10/4/2021	40.28	40.30	404.36	404.38	0.02	404.38		136	*
P 62											
1Q21	442.60	1/5/2021	37.02	37.05	405.55	405.58	0.03	405.57	401.13 - 376.13 (41.47 - 66.47)	104	*
2Q21		4/5/2021	37.36	37.37	405.23	405.24	0.01	405.24		160	*
3Q21		7/6/2021	37.51	37.54	405.06	405.09	0.03	405.08		185	*
4Q21		10/4/2021	37.79	37.80	404.80	404.81	0.01	404.81		60.5	*
P 63											
1Q21	446.06	1/5/2021	40.35	40.36	405.70	405.71	0.01	405.71	398.77 - 373.77 (47.29 - 72.29)	18.3	*
2Q21		4/6/2021	40.97	40.98	405.08	405.09	0.01	405.09		34.0	*
3Q21		7/6/2021	41.13	41.17	404.89	404.93	0.04	404.92		40.1	*
4Q21		10/4/2021	41.32	41.33	404.73	404.74	0.01	404.74		2.8	*
P 64											
1Q21	446.78	1/5/2021	41.45	41.51	405.27	405.33	0.06	405.32	399.55 - 374.55 (47.23 - 72.23)	81.2	*
2Q21		4/6/2021	42.17	42.19	404.59	404.61	0.02	404.61		164	*
3Q21		7/6/2021	42.41	42.42	404.36	404.37	0.01	404.37		192	*
4Q21		10/4/2021	42.55	42.56	404.22	404.23	0.01	404.23		99.2	*
P 65											
1Q21	444.77	1/5/2021	NE	39.03	NA	NA	NA	405.74	397.75 - 372.75 (47.02 - 72.02)	10.6	*
2Q21		4/6/2021	NE	39.76	NA	NA	NA	405.01		1.6	*
3Q21		7/6/2021	NE	39.82	NA	NA	NA	404.95		0.8	*
4Q21		10/4/2021	NE	40.16	NA	NA	NA	404.61		2.2	*
P 66											
1Q21	437.00	1/5/2021	NE	31.32	NA	NA	NA	405.68	402.28 - 377.28 (34.72 - 59.72)	31.1	*
2Q21		4/7/2021	NE	31.42	NA	NA	NA	405.58		49.1	*
3Q21		7/7/2021	NE	31.05	NA	NA	NA	405.95		69.8	*
4Q21		10/6/2021	NE	31.89	NA	NA	NA	405.11		37.6	*
P 67											
1Q21	444.30	1/5/2021	37.39	37.45	406.85	406.91	0.06	406.90	402.32 - 377.32 (41.98 - 66.98)	9.6	*
2Q21		4/7/2021	37.52	37.53	406.77	406.78	0.01	406.78		0.2	*
3Q21		7/7/2021	37.25	37.29	407.01	407.05	0.04	407.04		1.1	*
4Q21		10/6/2021	NE	38.03	NA	NA	NA	406.27		30.9	*
P 68											
1Q21	445.38	1/5/2021	39.73	39.77	405.61	405.65	0.04	405.64	401.62 - 376.62 (43.76 - 68.76)	43.3	*
2Q21		4/5/2021	40.04	40.06	405.32	405.34	0.02	405.34		157	*
3Q21		7/6/2021	40.10	40.14	405.24	405.28	0.04	405.27		60.1	*
4Q21		10/4/2021	40.28	40.64	404.74	405.10	0.36	405.03		154	*
P 69											
1Q21	443.77	1/5/2021	NE	38.51	NA	NA	NA	405.26	402.95 - 377.95 (40.82 - 65.82)	91.1	*
2Q21		4/5/2021	NE	38.75	NA	NA	NA	405.02		59.2	*
3Q21		7/6/2021	NE	38.93	NA	NA	NA	404.84		21.7	*
4Q21		10/4/2021	NE	39.11	NA	NA	NA	404.66		166	*
P 70											
1Q21	443.11	1/5/2021	37.79	37.80	405.31	405.32	0.01	405.32	398.44 - 373.44 (44.67 - 69.67)	58.1	*
2Q21		4/5/2021	NE	38.01	NA	NA	NA	405.10		218	*
3Q21		7/6/2021	NE	38.21	NA	NA	NA	404.90		262	*
4Q21		10/4/2021	NE	38.45	NA	NA	NA	404.66		213	*
P 71											
1Q21	445.09	1/5/2021	NE	38.96	NA	NA	NA	406.13	402.48 - 377.48 (42.61 - 67.61)	35.6	*
2Q21		4/6/2021	NE	39.62	NA	NA	NA	405.47		5.0	*
3Q21		7/6/2021	NE	39.42	NA	NA	NA	405.67		46.0	*
4Q21		10/4/2021	NE	39.81	NA	NA	NA	405.28		16.2	*
P 72											
1Q21	444.70	1/5/2021	NE	38.65	NA	NA	NA	406.05	398.93 - 373.93 (45.77 - 70.77)	30.1	*
2Q21		4/6/2021	NE	39.06	NA	NA	NA	405.64		4.2	*
3Q21		7/6/2021	NE	38.99	NA	NA	NA	405.71		9.2	*
4Q21		10/4/2021	NE	39.49	NA	NA	NA	405.21		13.6	*
P 73											
1Q21	444.02	1/8/2021	NE	39.22	NA	NA	NA	404.80	402.42 - 377.42 (41.59 - 66.59)	54.5	*
2Q21		4/5/2021	NE	39.36	NA	NA	NA	404.66		62.9	*
3Q21		7/6/2021	NE	39.35	NA	NA	NA	404.67		76.8	*
4Q21		10/4/2021	NE	39.84	NA	NA	NA	404.18		35.6	*

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

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 74											
1Q21	442.93	1/5/2021	NE	37.77	NA	NA	NA	405.16	399.10 - 374.10 (43.83 - 68.83)	0.0	-
2Q21		4/5/2021	NE	37.98	NA	NA	NA	404.95		0.0	-
3Q21		7/6/2021	NE	38.12	NA	NA	NA	404.81		10.7	-
4Q21		10/4/2021	NE	38.32	NA	NA	NA	404.61		6.3	-
P 75											
1Q21	446.68	1/5/2021	NE	41.13	NA	NA	NA	405.55	403.55 - 378.55 (43.13 - 68.13)	48.2	-
2Q21		4/7/2021	NE	41.16	NA	NA	NA	405.52		72.1	-
3Q21		7/7/2021	NE	40.96	NA	NA	NA	405.72		27.4	-
4Q21		10/6/2021	NE	41.78	NA	NA	NA	404.90		43.7	-
P 82A											
1Q21	434.94	1/5/2021	NE	25.28	NA	NA	NA	409.66	401.73 - 386.73 (33.21 - 48.21)	0.0	-
2Q21		4/6/2021	NE	25.15	NA	NA	NA	409.79		0.0	-
3Q21		7/8/2021	NE	24.74	NA	NA	NA	410.20		0.0	-
4Q21		10/6/2021	NE	25.76	NA	NA	NA	409.18		0.0	-
P 82B											
1Q21	434.68	1/5/2021	NE	25.01	NA	NA	NA	409.67	371.88 - 369.88 (62.80 - 64.80)	0.0	-
2Q21		4/6/2021	NE	24.87	NA	NA	NA	409.81		0.0	-
3Q21		7/8/2021	NE	24.44	NA	NA	NA	410.24		0.0	-
4Q21		10/6/2021	NE	25.47	NA	NA	NA	409.21		0.0	-
P 82C											
1Q21	434.41	1/5/2021	NE	24.73	NA	NA	NA	409.68	351.64 - 349.64 (82.77 - 84.77)	0.1	-
2Q21		4/6/2021	NE	24.58	NA	NA	NA	409.83		0.0	-
3Q21		7/8/2021	NE	24.16	NA	NA	NA	410.25		0.0	-
4Q21		10/6/2021	NE	25.19	NA	NA	NA	409.22		0.0	-
P 82D											
1Q21	435.09	1/5/2021	NE	25.47	NA	NA	NA	409.62	323.55 - 321.55 (111.54 - 113.54)	0.1	-
2Q21		4/6/2021	NE	25.36	NA	NA	NA	409.73		0.0	-
3Q21		7/8/2021	NE	24.94	NA	NA	NA	410.15		0.0	-
4Q21		10/6/2021	NE	25.97	NA	NA	NA	409.12		0.0	-
P 83A											
1Q21	445.54	1/4/2021	NE	38.82	NA	NA	NA	406.72	398.14 - 383.14 (47.40 - 62.40)	0.0	-
2Q21		4/6/2021	NE	38.12	NA	NA	NA	407.42		0.0	-
3Q21		7/6/2021	NE	38.54	NA	NA	NA	407.00		0.0	-
4Q21		10/6/2021	NE	38.77	NA	NA	NA	406.77		0.0	-
P 83B											
1Q21	445.77	1/4/2021	NE	37.87	NA	NA	NA	407.90	371.97 - 369.97 (73.80 - 75.80)	0.0	-
2Q21		4/6/2021	NE	38.38	NA	NA	NA	407.39		0.0	-
3Q21		7/6/2021	NE	38.80	NA	NA	NA	406.97		0.0	-
4Q21		10/6/2021	NE	39.03	NA	NA	NA	406.74		0.0	-
P 83C											
1Q21	445.95	1/4/2021	NE	38.03	NA	NA	NA	407.92	353.56 - 351.56 (92.39 - 94.39)	0.0	-
2Q21		4/6/2021	NE	38.53	NA	NA	NA	407.42		0.0	-
3Q21		7/6/2021	NE	38.96	NA	NA	NA	406.99		0.0	-
4Q21		10/6/2021	NE	39.20	NA	NA	NA	406.75		0.0	-
P 83D											
1Q21	445.86	1/4/2021	NE	37.99	NA	NA	NA	407.87	312.06 - 310.06 (133.80 - 135.80)	0.0	-
2Q21		4/6/2021	NE	38.51	NA	NA	NA	407.35		0.0	-
3Q21		7/6/2021	NE	38.94	NA	NA	NA	406.92		0.0	-
4Q21		10/6/2021	NE	39.17	NA	NA	NA	406.69		0.0	-
P 84A											
1Q21	446.63	1/5/2021	NE	38.64	NA	NA	NA	407.99	397.71 - 382.71 (48.92 - 63.92)	0.0	-
2Q21		4/6/2021	NE	39.20	NA	NA	NA	407.43		0.0	-
3Q21		7/7/2021	NE	39.10	NA	NA	NA	407.53		0.0	-
4Q21		10/5/2021	NE	39.44	NA	NA	NA	407.19		0.0	-
P 84B											
1Q21	446.35	1/5/2021	NE	38.37	NA	NA	NA	407.98	372.85 - 370.85 (73.50 - 75.50)	0.0	-
2Q21		4/6/2021	NE	38.95	NA	NA	NA	407.40		0.0	-
3Q21		7/7/2021	NE	38.82	NA	NA	NA	407.53		0.0	-
4Q21		10/5/2021	NE	39.16	NA	NA	NA	407.19		0.0	-
P 84C											
1Q21	446.37	1/5/2021	NE	38.38	NA	NA	NA	407.99	352.32 - 350.32 (94.05 - 96.05)	0.0	-
2Q21		4/6/2021	NE	38.96	NA	NA	NA	407.41		0.0	-
3Q21		7/7/2021	NE	38.83	NA	NA	NA	407.54		0.0	-
4Q21		10/5/2021	NE	39.17	NA	NA	NA	407.20		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 84D											
1Q21	446.38	1/5/2021	NE	38.39	NA	NA	NA	407.99	325.55 - 323.55 (120.83 - 122.83)	0.0	*
2Q21		4/6/2021	NE	38.96	NA	NA	NA	407.42		0.0	*
3Q21		7/7/2021	NE	38.83	NA	NA	NA	407.55		0.0	*
4Q21		10/5/2021	NE	39.17	NA	NA	NA	407.21		0.0	*
P 88A											
1Q21	443.27	1/5/2021	NE	30.40	NA	NA	NA	412.87	404.87 - 389.87 (38.40 - 53.40)	0.1	*
2Q21		4/7/2021	NE	30.92	NA	NA	NA	412.35		0.0	*
3Q21		7/7/2021	NE	30.58	NA	NA	NA	412.69		0.0	*
4Q21		10/6/2021	NE	31.01	NA	NA	NA	412.26		0.0	*
P 88B											
1Q21	443.35	1/5/2021	NE	30.46	NA	NA	NA	412.89	371.70 - 369.70 (71.65 - 73.65)	0.1	*
2Q21		4/7/2021	NE	31.00	NA	NA	NA	412.35		0.0	*
3Q21		7/7/2021	NE	30.64	NA	NA	NA	412.71		0.0	*
4Q21		10/6/2021	NE	31.07	NA	NA	NA	412.28		0.0	*
P 88C											
1Q21	443.31	1/5/2021	NE	30.40	NA	NA	NA	412.91	351.01 - 349.01 (92.30 - 94.30)	0.1	*
2Q21		4/7/2021	NE	30.91	NA	NA	NA	412.40		0.0	*
3Q21		7/7/2021	NE	30.78	NA	NA	NA	412.53		0.0	*
4Q21		10/6/2021	NE	31.02	NA	NA	NA	412.29		0.0	*
P 88D											
1Q21	443.38	1/5/2021	NE	30.60	NA	NA	NA	412.78	331.21 - 329.21 (112.17 - 114.17)	0.1	*
2Q21		4/7/2021	NE	31.06	NA	NA	NA	412.32		0.0	*
3Q21		7/7/2021	NE	30.72	NA	NA	NA	412.66		0.0	*
4Q21		10/6/2021	NE	31.17	NA	NA	NA	412.21		0.0	*
P 89B											
1Q21	447.64	1/5/2021	NE	36.98	NA	NA	NA	410.66	370.28 - 368.28 (77.36 - 79.36)	0.0	*
2Q21		4/6/2021	NE	37.78	NA	NA	NA	409.86		0.0	*
3Q21		7/7/2021	NE	38.34	NA	NA	NA	409.30		0.0	*
4Q21		10/5/2021	NE	38.87	NA	NA	NA	408.77		0.0	*
P 89C											
1Q21	447.96	1/5/2021	NE	37.34	NA	NA	NA	410.62	351.56 - 349.56 (96.40 - 98.40)	0.0	*
2Q21		4/6/2021	NE	38.13	NA	NA	NA	409.83		0.0	*
3Q21		7/7/2021	NE	38.68	NA	NA	NA	409.28		0.0	*
4Q21		10/5/2021	NE	39.22	NA	NA	NA	408.74		0.0	*
P 89D											
1Q21	447.83	1/5/2021	NE	37.35	NA	NA	NA	410.48	309.33 - 307.33 (138.50 - 140.50)	0.0	*
2Q21		4/6/2021	NE	38.13	NA	NA	NA	409.70		0.0	*
3Q21		7/7/2021	NE	38.72	NA	NA	NA	409.11		0.0	*
4Q21		10/5/2021	NE	39.30	NA	NA	NA	408.53		0.0	*
P 91A											
1Q21	447.43	1/5/2021	42.73	42.74	404.69	404.70	0.01	404.70	395.92 - 380.92 (51.51 - 66.51)	72.4	*
2Q21		4/5/2021	NE	43.52	NA	NA	NA	403.91		2.0	*
3Q21		7/6/2021	43.99	44.00	403.43	403.44	0.01	403.44		37.6	*
4Q21		10/4/2021	43.95	43.96	403.47	403.48	0.01	403.48		10.2	*
P 91B											
1Q21	447.47	1/5/2021	NE	42.83	NA	NA	NA	404.64	372.78 - 370.78 (74.69 - 76.69)	7.5	*
2Q21		4/5/2021	NE	43.67	NA	NA	NA	403.80		1.5	*
3Q21		7/6/2021	NE	44.12	NA	NA	NA	403.35		14.5	*
4Q21		10/4/2021	NE	44.07	NA	NA	NA	403.40		7.4	*
P 91C											
1Q21	447.27	1/5/2021	NE	42.60	NA	NA	NA	404.67	352.54 - 350.54 (94.73 - 96.73)	0.0	*
2Q21		4/5/2021	NE	43.41	NA	NA	NA	403.86		0.0	*
3Q21		7/6/2021	NE	43.87	NA	NA	NA	403.40		1.3	*
4Q21		10/4/2021	NE	43.84	NA	NA	NA	403.43		0.0	*
P 91D											
1Q21	447.26	1/5/2021	NE	42.59	NA	NA	NA	404.67	278.94 - 276.94 (168.32 - 170.32)	0.0	*
2Q21		4/5/2021	NE	43.41	NA	NA	NA	403.85		0.0	*
3Q21		7/6/2021	NE	43.88	NA	NA	NA	403.38		1.5	*
4Q21		10/4/2021	NE	43.87	NA	NA	NA	403.39		0.0	*
P 92A											
1Q21	446.39	1/5/2021	40.89	40.90	405.49	405.50	0.01	405.50	398.82 - 383.82 (47.57 - 62.57)	54.0	*
2Q21		4/6/2021	41.68	41.73	404.66	404.71	0.05	404.70		31.3	*
3Q21		7/6/2021	NE	41.85	NA	NA	NA	404.54		4.2	*
4Q21		10/4/2021	42.19	42.20	404.19	404.20	0.01	404.20		5.2	*

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WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 92B											
1Q21	446.33	1/5/2021	NE	40.85	NA	NA	NA	405.48	371.92 - 369.92 (74.41 - 76.41)	0.0	-
2Q21		4/6/2021	NE	41.64	NA	NA	NA	404.69		0.0	-
3Q21		7/6/2021	NE	41.79	NA	NA	NA	404.54		0.0	-
4Q21		10/4/2021	NE	42.10	NA	NA	NA	404.23		0.0	-
P 92C											
1Q21	446.34	1/5/2021	NE	40.83	NA	NA	NA	405.51	353.38 - 348.38 (92.96 - 97.96)	1.6	-
2Q21		4/6/2021	NE	41.64	NA	NA	NA	404.70		9.2	-
3Q21		7/6/2021	NE	41.78	NA	NA	NA	404.56		1.1	-
4Q21		10/4/2021	NE	42.08	NA	NA	NA	404.26		0.0	-
P 92D											
1Q21	446.15	1/5/2021	NE	40.70	NA	NA	NA	405.45	305.15 - 303.15 (141.00 - 143.00)	0.0	-
2Q21		4/6/2021	NE	41.49	NA	NA	NA	404.66		0.0	-
3Q21		7/6/2021	NE	41.65	NA	NA	NA	404.50		0.0	-
4Q21		10/4/2021	NE	41.08	NA	NA	NA	405.07		0.0	-
P 93A											
1Q21	445.37	1/4/2021	NE	39.93	NA	NA	NA	405.44	402.30 - 392.30 (43.07 - 53.07)	0.6	-
2Q21		4/5/2021	NE	40.33	NA	NA	NA	405.04		0.0	-
3Q21		7/6/2021	NE	40.03	NA	NA	NA	405.34		0.4	-
4Q21		10/4/2021	NE	40.56	NA	NA	NA	404.81		0.0	-
P 93B											
1Q21	446.70	1/4/2021	NE	41.28	NA	NA	NA	405.42	371.92 - 369.92 (74.78 - 76.78)	0.0	-
2Q21		4/5/2021	NE	41.67	NA	NA	NA	405.03		0.0	-
3Q21		7/6/2021	NE	41.37	NA	NA	NA	405.33		0.1	-
4Q21		10/4/2021	NE	41.88	NA	NA	NA	404.82		0.0	-
P 93C											
1Q21	446.55	1/4/2021	NE	41.11	NA	NA	NA	405.44	353.67 - 348.67 (92.88 - 97.88)	0.0	-
2Q21		4/5/2021	NE	41.51	NA	NA	NA	405.04		0.0	-
3Q21		7/6/2021	NE	41.21	NA	NA	NA	405.34		0.0	-
4Q21		10/4/2021	NE	41.74	NA	NA	NA	404.81		0.0	-
P 93D											
1Q21	446.97	1/4/2021	NE	41.47	NA	NA	NA	405.50	321.31 - 319.31 (125.66 - 127.66)	0.0	-
2Q21		4/5/2021	NE	41.89	NA	NA	NA	405.08		0.0	-
3Q21		7/6/2021	NE	41.47	NA	NA	NA	405.50		0.0	-
4Q21		10/4/2021	NE	42.09	NA	NA	NA	404.88		0.0	-
P 94											
1Q21	445.04	1/4/2021	NE	33.52	NA	NA	NA	411.52	398.80 - 383.80 (46.24 - 61.24)	0.0	-
2Q21		4/6/2021	NE	33.81	NA	NA	NA	411.23		0.0	-
3Q21		7/6/2021	NE	34.18	NA	NA	NA	410.86		0.2	-
4Q21		10/5/2021	NE	34.70	NA	NA	NA	410.34		0.0	-
P 95											
1Q21	443.95	1/5/2021	NE	28.31	NA	NA	NA	415.64	407.43 - 392.43 (36.52 - 51.52)	0.0	-
2Q21		4/6/2021	NE	28.84	NA	NA	NA	415.11		0.0	-
3Q21		7/7/2021	NE	28.61	NA	NA	NA	415.34		0.0	-
4Q21		10/6/2021	NE	28.93	NA	NA	NA	415.02		0.0	-
P 102											
1Q21	445.14	1/5/2021	NE	31.26	NA	NA	NA	413.88	402.39 - 382.39 (42.75 - 62.75)	9.7	-
2Q21		4/7/2021	NE	31.89	NA	NA	NA	413.25		19.1	-
3Q21		7/7/2021	NE	31.95	NA	NA	NA	413.19		20.3	-
4Q21		10/6/2021	NE	32.29	NA	NA	NA	412.85		52.8	-
P 114R											
1Q21	429.48	1/5/2021	NE	23.72	NA	NA	NA	405.76	406.47 - 396.47 (23.01 - 33.01)	0.2	-
2Q21		4/6/2021	NE	23.60	NA	NA	NA	405.88		0.0	-
3Q21		7/7/2021	NE	22.46	NA	NA	NA	407.02		0.0	-
4Q21		10/5/2021	NE	23.86	NA	NA	NA	405.62		6.2	-
P 115											
1Q21	433.54	1/5/2021	NE	27.77	NA	NA	NA	405.77	401.24 - 381.24 (32.30 - 52.30)	0.0	-
2Q21		4/6/2021	NE	27.54	NA	NA	NA	406.00		0.0	-
3Q21		7/7/2021	NE	26.52	NA	NA	NA	407.02		0.0	-
4Q21		10/5/2021	NE	27.88	NA	NA	NA	405.66		0.0	-
P 116											
1Q21	436.79	1/5/2021	NE	31.29	NA	NA	NA	405.50	399.35 - 379.35 (37.44 - 57.44)	0.0	-
2Q21		4/6/2021	NE	30.98	NA	NA	NA	405.81		0.0	-
3Q21		7/7/2021	NE	29.89	NA	NA	NA	406.90		0.0	-
4Q21		10/5/2021	NE	31.37	NA	NA	NA	405.42		1.7	-

**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											
1Q21	432.87	1/5/2021	NE	27.55	NA	NA	NA	405.32	399.94 - 379.94 (32.93 - 52.93)	0.0	*
2Q21		4/6/2021	NE	27.19	NA	NA	NA	405.68		0.0	*
3Q21		7/8/2021	NE	26.15	NA	NA	NA	406.72		0.0	*
4Q21		10/5/2021	NE	27.62	NA	NA	NA	405.25		1.2	*
P 118											
1Q21	431.48	1/5/2021	NE	26.69	NA	NA	NA	404.79	400.36 - 384.43 (31.12 - 47.05)	0.0	*
2Q21		4/6/2021	NE	25.98	NA	NA	NA	405.50		0.0	*
3Q21		7/7/2021	NE	24.81	NA	NA	NA	406.67		0.0	*
4Q21		10/5/2021	NE	26.65	NA	NA	NA	404.83		0.0	*
P 119											
1Q21	432.11	1/5/2021	NE	25.78	NA	NA	NA	406.33	401.44 - 385.51 (30.67 - 46.60)	0.0	*
2Q21		4/6/2021	NE	25.77	NA	NA	NA	406.34		0.0	*
3Q21		7/7/2021	NE	25.09	NA	NA	NA	407.02		0.0	*
4Q21		10/5/2021	NE	26.11	NA	NA	NA	406.00		0.1	*
P 120											
1Q21	433.00	1/5/2021	NE	26.23	NA	NA	NA	406.77	401.62 - 385.69 (31.38 - 47.31)	0.0	*
2Q21		4/6/2021	NE	25.94	NA	NA	NA	407.06		0.0	*
3Q21		7/7/2021	NE	25.21	NA	NA	NA	407.79		0.0	*
4Q21		10/5/2021	NE	26.25	NA	NA	NA	406.75		0.2	*
P 129											
1Q21	432.66	1/5/2021	NE	29.47	NA	NA	NA	403.19	400.69 - 384.76 (31.97 - 47.90)	0.0	*
2Q21		4/6/2021	NE	27.68	NA	NA	NA	404.98		0.0	*
3Q21		7/7/2021	NE	26.50	NA	NA	NA	406.16		0.0	*
4Q21		10/5/2021	NE	29.28	NA	NA	NA	403.38		0.0	*
ROST 3 MW											
1Q21	442.52	1/4/2021	NE	36.29	NA	NA	NA	406.23	404.71 - 394.71 (37.81 - 47.81)	0.2	*
2Q21		4/5/2021	NE	36.97	NA	NA	NA	405.55		36.1	*
3Q21		7/6/2021	NE	36.61	NA	NA	NA	405.91		66.0	*
4Q21		10/5/2021	NE	36.98	NA	NA	NA	405.54		0.0	*
ROST 4 PZ											
1Q21	442.15	1/4/2021	NE	35.47	NA	NA	NA	406.68	407.22 - 397.22 (34.93 - 44.93)	201	
2Q21		4/5/2021	NE	36.43	NA	NA	NA	405.72		119	
3Q21		7/6/2021	NE	36.04	NA	NA	NA	406.11		0.6	
4Q21		10/4/2021	NE	36.08	NA	NA	NA	406.07		1.5	
ROST 4 PZ(A)											
1Q21	442.15	1/4/2021	NE	34.76	NA	NA	NA	407.39	407.38 - 397.38 (34.77 - 44.77)	11.1	*
2Q21		4/5/2021	NE	35.87	NA	NA	NA	406.28		0.6	
3Q21		7/6/2021	NE	35.30	NA	NA	NA	406.85		40.4	
4Q21		10/4/2021	NE	35.15	NA	NA	NA	407.00		33.3	
ROST 4 PZ(B)											
1Q21	442.40	1/4/2021	NE	35.44	NA	NA	NA	406.96	407.35 - 397.35 (35.05 - 45.05)	0.3	
2Q21		4/5/2021	NE	36.50	NA	NA	NA	405.90		0.0	
3Q21		7/6/2021	NE	35.98	NA	NA	NA	406.42		0.0	
4Q21		10/4/2021	NE	35.95	NA	NA	NA	406.45		0.0	
ROST 4 PZ(C)											
1Q21	442.97	1/4/2021	NE	36.24	NA	NA	NA	406.73	408.02 - 398.02 (34.95 - 44.95)	0.0	
2Q21		4/5/2021	NE	37.30	NA	NA	NA	405.67		0.0	
3Q21		7/6/2021	NE	36.91	NA	NA	NA	406.06		0.0	
4Q21		10/4/2021	NE	37.02	NA	NA	NA	405.95		0.1	
ROST 4 PZ(D)											
1Q21	442.92	1/4/2021	NE	36.27	NA	NA	NA	406.65	407.95 - 397.95 (34.97 - 44.97)	75.2	
2Q21		4/5/2021	NE	37.16	NA	NA	NA	405.76		0.0	
3Q21		7/6/2021	NE	36.83	NA	NA	NA	406.09		0.0	
4Q21		10/4/2021	NE	36.88	NA	NA	NA	406.04		0.7	
ROST 4 PZ(E)											
1Q21	441.98	1/4/2021	NE	35.49	NA	NA	NA	406.49	407.23 - 397.23 (34.75 - 44.75)	189	
2Q21		4/5/2021	NE	36.33	NA	NA	NA	405.65		0.0	
3Q21		7/6/2021	NE	36.05	NA	NA	NA	405.93		0.0	
4Q21		10/4/2021	NE	36.14	NA	NA	NA	405.84		1.0	
ROST 4 PZ(F)											
1Q21	442.12	1/4/2021	NE	35.76	NA	NA	NA	406.36	407.59 - 397.59 (34.53 - 44.53)	23.3	
2Q21		4/5/2021	NE	36.58	NA	NA	NA	405.54		0.0	
3Q21		7/6/2021	NE	36.31	NA	NA	NA	405.81		0.0	
4Q21		10/4/2021	NE	36.40	NA	NA	NA	405.72		0.1	

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WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments	
ROST 4 PZ(G)												
1Q21	442.20	1/4/2021	NE	36.28	NA	NA	NA	405.92	407.92 - 397.92 (34.28 - 44.28)	0.6		
2Q21		4/5/2021	NE	36.84	NA	NA	NA	405.36		0.6		
3Q21		7/6/2021	NE	36.69	NA	NA	NA	405.51		89.5		
4Q21		10/4/2021	NE	36.97	NA	NA	NA	405.23		109		
S 1												
1Q21	444.06	1/5/2021		38.50	38.51	405.55	405.56	0.01	Unknown	61.8		
2Q21		4/6/2021		38.97	38.98	405.08	405.09	0.01		405.09	24.4	
3Q21		7/6/2021		38.95	38.97	405.09	405.11	0.02		405.11	87.9	
4Q21		10/4/2021		39.35	39.37	404.69	404.71	0.02		404.71	114	
T 1												
1Q21	445.61	1/4/2021	NE	38.68	NA	NA	NA	406.93	398.61 - 388.61 (47.00 - 57.00)	0.0	*	
2Q21		4/5/2021	NE	39.36	NA	NA	NA	406.25		0.0	*	
3Q21		7/6/2021	NE	39.12	NA	NA	NA	406.49		0.2	*	
4Q21		10/4/2021	NE	39.40	NA	NA	NA	406.21		0.0	*	
T 2												
1Q21	443.40	1/4/2021	NE	36.60	NA	NA	NA	406.80	392.90 - 372.76 (50.49 - 70.64)	0.0	*	
2Q21		4/5/2021	NE	37.27	NA	NA	NA	406.13		0.0	*	
3Q21		7/6/2021	NE	37.32	NA	NA	NA	406.08		0.0	*	
4Q21		10/4/2021	NE	37.54	NA	NA	NA	405.86		0.0	*	
T 3												
1Q21	449.21	1/4/2021	NE	43.37	NA	NA	NA	405.84	403.99 - 388.99 (45.22 - 60.22)	1.2	*	
2Q21		4/5/2021	NE	44.11	NA	NA	NA	405.10		0.0	*	
3Q21		7/6/2021	NE	44.38	NA	NA	NA	404.83		0.0	*	
4Q21		10/4/2021	NE	44.46	NA	NA	NA	404.75		0.0	*	
T 4												
1Q21	446.82	1/5/2021	NE	41.49	NA	NA	NA	405.33	396.80 - 381.80 (50.02 - 65.02)	0.1	*	
2Q21		4/6/2021	NE	42.40	NA	NA	NA	404.42		0.0	*	
3Q21		7/6/2021	NE	43.02	NA	NA	NA	403.80		0.2	*	
4Q21		10/5/2021	NE	43.38	NA	NA	NA	403.44		0.3	*	
T 5												
1Q21	443.66	1/5/2021	NE	37.23	NA	NA	NA	406.43	395.33 - 378.78 (48.33 - 64.88)	2.0	*	
2Q21		4/6/2021	NE	37.87	NA	NA	NA	405.79		3.8	*	
3Q21		7/6/2021	NE	37.86	NA	NA	NA	405.80		1.7	*	
4Q21		10/4/2021	NE	38.36	NA	NA	NA	405.30		2.1	*	
T 6												
1Q21	446.78	1/4/2021	NE	41.41	NA	NA	NA	405.37	394.27 - 380.02 (52.51 - 66.76)	31.1	*	
2Q21		4/5/2021	NE	41.83	NA	NA	NA	404.95		0.0	*	
3Q21		7/6/2021	NE	41.57	NA	NA	NA	405.21		0.7	*	
4Q21		10/4/2021	NE	41.99	NA	NA	NA	404.79		4.2	*	
T 7												
1Q21	444.26	1/5/2021	NE	37.39	NA	NA	NA	406.87	395.54 - 380.54 (48.72 - 63.72)	1.1	*	
2Q21		4/7/2021	NE	37.48	NA	NA	NA	406.78		0.1	*	
3Q21		7/7/2021	NE	37.18	NA	NA	NA	407.08		1.0	*	
4Q21		10/6/2021	NE	38.06	NA	NA	NA	406.20		9.5	*	
T 12												
1Q21	444.99	1/4/2021	NE	39.45	NA	NA	NA	405.54	398.16 - 372.16 (46.83 - 72.83)	51.2	*	
2Q21		4/5/2021	NE	39.90	NA	NA	NA	405.09		0.0	*	
3Q21		7/6/2021	NE	39.93	NA	NA	NA	405.06		50.1	*	
4Q21		10/4/2021	NE	40.10	NA	NA	NA	404.89		49.1	*	
T 13												
1Q21	443.76	1/4/2021	NE	36.48	NA	NA	NA	407.28	399.95 - 373.95 (43.81 - 69.81)	0.0	*	
2Q21		4/5/2021	NE	37.16	NA	NA	NA	406.60		0.0	*	
3Q21		7/6/2021	NE	36.87	NA	NA	NA	406.89		0.0	*	
4Q21		10/4/2021	NE	37.21	NA	NA	NA	406.55		0.0	*	
T 15												
1Q21	445.35	1/4/2021	NE	38.29	NA	NA	NA	407.06	396.95 - 370.95 (48.40 - 74.40)	0.0	*	
2Q21		4/5/2021	NE	38.86	NA	NA	NA	406.49		0.0	*	
3Q21		7/6/2021	NE	39.06	NA	NA	NA	406.29		0.0	*	
4Q21		10/4/2021	NE	39.21	NA	NA	NA	406.14		0.0	*	
T 17												
1Q21	446.19	1/4/2021	NE	36.59	NA	NA	NA	409.60	401.72 - 375.72 (44.47 - 70.47)	2.9	*	
2Q21		4/6/2021	NE	37.18	NA	NA	NA	409.01		0.0	*	
3Q21		7/6/2021	NE	37.54	NA	NA	NA	408.65		0.0	*	
4Q21		10/5/2021	NE	38.02	NA	NA	NA	408.17		0.1	*	

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WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments	
T 19												
1Q21	446.99	1/5/2021	NE	41.59	NA	NA	NA	405.40	396.22 - 370.22 (50.77 - 76.77)	47.5	*	
2Q21		4/6/2021	NE	42.48	NA	NA	NA	404.51		4.5	*	
3Q21		7/6/2021	NE	43.01	NA	NA	NA	403.98		30.8	*	
4Q21		10/5/2021	NE	43.42	NA	NA	NA	403.57		52.7	*	
T 21												
1Q21	444.22	1/5/2021	NE	28.49	NA	NA	NA	415.73	412.26 - 386.26 (31.96 - 57.96)	0.0	*	
2Q21		4/6/2021	NE	28.96	NA	NA	NA	415.26		0.0	*	
3Q21		7/7/2021	NE	28.81	NA	NA	NA	415.41		0.0	*	
4Q21		10/6/2021	NE	29.15	NA	NA	NA	415.07		0.0	*	
T 22												
1Q21	442.37	1/5/2021	NE	30.63	NA	NA	NA	411.74	410.82 - 385.12 (31.55 - 57.25)	0.1	*	
2Q21		4/7/2021	NE	30.88	NA	NA	NA	411.49		0.0	*	
3Q21		7/7/2021	NE	30.46	NA	NA	NA	411.91		0.0	*	
4Q21		10/6/2021	NE	31.14	NA	NA	NA	411.23		0.0	*	
T 23												
1Q21	432.90	1/5/2021	NE	23.75	NA	NA	NA	409.15	405.67 - 379.67 (27.23 - 53.23)	0.0	*	
2Q21		4/7/2021	NE	23.57	NA	NA	NA	409.33		0.0	*	
3Q21		7/8/2021	NE	23.18	NA	NA	NA	409.72		0.0	*	
4Q21		10/6/2021	NE	24.21	NA	NA	NA	408.69		0.0	*	
T 24												
1Q21	444.00	1/5/2021		38.33	38.37	405.63	405.67	0.04	405.66	402.50 - 376.85 (41.50 - 67.15)	5.3	*
2Q21		4/5/2021		38.72	38.74	405.26	405.28	0.02	405.28		0.0	*
3Q21		7/6/2021		38.80	38.93	405.07	405.20	0.13	405.17		1.1	*
4Q21		10/4/2021		39.05	39.09	404.91	404.95	0.04	404.94		0.1	*
T 28												
1Q21	444.56	1/4/2021	NE	36.48	NA	NA	NA	408.08	Unknown	0.1	*	
2Q21		4/6/2021	NE	37.07	NA	NA	NA	407.49		0.0	*	
3Q21		7/6/2021	NE	37.47	NA	NA	NA	407.09		0.0	*	
4Q21		10/4/2021	NE	37.68	NA	NA	NA	406.88		0.0	*	
T 37												
1Q21	447.44	1/5/2021	NE	36.85	NA	NA	NA	410.59	398.58 - 378.58 (48.85 - 68.85)	0.0	*	
2Q21		4/6/2021	NE	37.63	NA	NA	NA	409.81		0.0	*	
3Q21		7/7/2021	NE	38.18	NA	NA	NA	409.26		0.0	*	
4Q21		10/5/2021	NE	38.72	NA	NA	NA	408.72		0.0	*	
T 38												
1Q21	445.89	1/5/2021	NE	33.86	NA	NA	NA	412.03	396.75 - 376.75 (49.14 - 69.14)	0.0	*	
2Q21		4/6/2021	NE	34.55	NA	NA	NA	411.34		0.0	*	
3Q21		7/7/2021	NE	34.89	NA	NA	NA	411.00		0.0	*	
4Q21		10/5/2021	NE	35.38	NA	NA	NA	410.51		0.0	*	
T 62												
1Q21	432.16	1/5/2021	NE	25.61	NA	NA	NA	406.55	412.45 - 382.45 (19.71 - 49.71)	0.0	*	
2Q21		4/6/2021	NE	25.47	NA	NA	NA	406.69		0.0	*	
3Q21		7/7/2021	NE	24.90	NA	NA	NA	407.26		0.0	*	
4Q21		10/5/2021	NE	26.07	NA	NA	NA	406.09		0.0	*	
T 63												
1Q21	431.55	1/5/2021	NE	25.40	NA	NA	NA	406.15	411.57 - 381.57 (19.98 - 49.98)	0.0	*	
2Q21		4/6/2021	NE	25.10	NA	NA	NA	406.45		0.0	*	
3Q21		7/7/2021	NE	24.36	NA	NA	NA	407.19		0.0	*	
4Q21		10/5/2021	NE	25.75	NA	NA	NA	405.80		0.0	*	
T 64												
1Q21	429.10	1/5/2021	NE	23.69	NA	NA	NA	405.41	409.29 - 379.29 (19.81 - 49.81)	0.0	*	
2Q21		4/6/2021	NE	22.91	NA	NA	NA	406.19		85.6	*	
3Q21		7/7/2021	NE	22.08	NA	NA	NA	407.02		67.8	*	
4Q21		10/5/2021	NE	23.86	NA	NA	NA	405.24		0.0	*	

NOTES:

- Elevations presented in this table are relative to the 1988 NAVD datum.
- 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.
- PID values measured with a 10.6 electron volt (eV) lamp photoionization detector.
- btoc Below Top of Casing; ppm parts per million; NA Not Applicable; NE Not Encountered; NM Not Measured
- * Indicates that the LNAPL and/or water level is above the top of the screened zone of the well.
- Table includes comprehensive groundwater monitoring well gauging data for the last 4 quarters from the combined Village of Roxana Interim Groundwater Monitoring Program and the WRB Refining LP Wood River Refinery Program.
- 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.
- 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 (Abandoned in November 2020)
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
VMP-65			10	20	30	WRR - North Property (Installed November 2020 to replace VMP-40)

**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	1/29/2021	50.2	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	0.2	20.7		
VMP-1	5	5/5/2021	51.6	0.0	N/A	52.1	0.0	0.0	0.0	0.0	0	0.3	20.3		
VMP-1	5	7/26/2021	63.2	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	0.5	20.0		
VMP-1	5	10/26/2021	66.3	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	0.5	20.5		
VMP-1	8.5	1/29/2021	53.9	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.3	20.6		
VMP-1	8.5	5/5/2021	53.2	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.2	20.2		
VMP-1	8.5	7/26/2021	55.9	0.1	N/A	50.8	0.0	0.0	0.0	0.0	0	0.3	20.4		
VMP-1	8.5	10/26/2021	70.4	0.0	N/A	54.3	0.0	0.0	0.0	0.0	0	0.4	20.4		
VMP-1	23.5	1/29/2021	53.4	0.0	N/A	55.6	0.0	0.0	0.0	0.0	0	0.8	20.6		
VMP-1 ⁸	23.5	5/5/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-1	23.5	7/26/2021	52.7	0.0	N/A	58.5	0.1	0.0	0.0	0.0	0	0.4	20.2		
VMP-1	23.5	10/26/2021	66	0.0	N/A	54.9	0.0	0.0	0.0	0.0	0	0.4	20.3		
VMP-1	38.5	1/29/2021	50.8	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	1.5	20.0		
VMP-1	38.5	5/5/2021	53.2	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	0.2	20.2		
VMP-1	38.5	7/26/2021	51.9	0.1	N/A	51.2	0.1	0.0	0.0	0.0	0	0.3	20.5		
VMP-1	38.5	10/26/2021	70.5	0.1	N/A	50.7	0.0	0.0	0.0	0.0	0	0.4	20.3		
VMP-2	5	1/25/2021	53.1	0.0	N/A	50.9	0.0	0.0	0.2	0.0	0	1.5	20.4		
VMP-2	5	5/7/2021	61.1	0.0	N/A	54.4	0.0	0.0	0.0	0.0	0	1.3	20.1		
VMP-2	5	7/29/2021	54.3	0.0	N/A	62.0	0.1	0.0	0.0	0.0	0	0.1	20.3		
VMP-2	5	10/25/2021	53.9	0.0	N/A	50.0	0.2	0.0	0.0	0.0	0	0.2	20.7		
VMP-2	8.5	1/25/2021	51.6	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	2.6	19.4		
VMP-2	8.5	5/7/2021	53.0	0.1	N/A	52.4	0.0	0.0	0.0	0.0	0	1.3	19.4		
VMP-2	8.5	7/29/2021	56.9	0.0	N/A	55.8	0.0	0.2	0.2	0.0	0	0.5	19.8		
VMP-2	8.5	10/25/2021	52.7	0.0	N/A	54.5	0.0	0.0	0.0	0.0	0	0.4	20.6		
VMP-2	22	1/25/2021	60.6	0.0	N/A	54.9	0.0	0.0	0.1	0.0	0	3.5	18.5		
VMP-2	22	5/7/2021	52.0	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	1.4	19.3		
VMP-2	22	7/29/2021	62.6	0.1	N/A	50.8	0.1	2.7	1.1	0.0	0	1.1	19.1		
VMP-2	22	10/25/2021	63.2	0.0	N/A	54.3	0.3	0.0	0.0	0.0	0	0.7	20.3		
VMP-2 ⁸	42	1/25/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-2 ⁸	42	5/7/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-2 ⁸	42	7/29/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-2 ⁸	42	10/25/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-3	5	1/25/2021	53.9	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	0.1	20.7		
VMP-3	5	5/10/2021	52.4	0.0	N/A	53.6	1.8	0.0	0.0	0.0	0	0.6	19.9		
VMP-3	5	7/27/2021	57.0	0.0	N/A	51.2	0.7	0.0	0.0	0.0	0	2.4	18.0		
VMP-3	5	10/27/2021	53.6	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	0.4	20.5		
VMP-3 ⁸	10	1/25/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-3	10	5/10/2021	53.5	0.0	N/A	50.0	0.6	0.0	0.0	0.0	0	0.5	20.0		
VMP-3	10	7/27/2021	51.8	0.9	N/A	53.5	1.6	0.0	0.0	0.0	0	2.1	17.9		
VMP-3	10	10/27/2021	56.3	0.0	N/A	53.7	0.0	0.0	0.0	0.0	0	0.5	20.3		
VMP-3	22	1/25/2021	50.8	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	0.4	20.5		
VMP-3	22	5/10/2021	52.3	0.0	N/A	59.6	0.0	0.0	0.0	0.0	0	0.5	19.7		
VMP-3	22	7/27/2021	62.3	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.8	18.3		
VMP-3	22	10/27/2021	54.6	0.0	N/A	54.6	0.0	0.0	0.0	0.0	0	1.9	18.9		
VMP-3	31.5	1/25/2021	50.3	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	4.9	17.0		
VMP-3	31.5	5/10/2021	61.1	0.0	N/A	51.7	0.0	0.0	0.0	0.0	0	2.2	18.2		
VMP-3	31.5	7/27/2021	58.8	0.0	N/A	50.5	0.0	6590	223	2.7	55	13.3	2.4		
VMP-3	31.5	10/27/2021	51.4	0.0	N/A	52.1	0.0	2.0	0.1	0.0	0	6.0	12.2		
VMP-3 ⁸	39	1/25/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-3 ⁸	39	5/10/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	8.0		
VMP-3 ⁸	39	7/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-3 ⁸	39	10/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-4	5	1/28/2021	52.2	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.0	20.8		
VMP-4	5	5/5/2021	60.2	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	0.1	20.9		
VMP-4	5	7/29/2021	52.7	0.0	N/A	53.6	0.2	0.0	0.0	0.0	0	1.4	19.1		
VMP-4	5	10/25/2021	61.5	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.6	20.7		
VMP-4	12	1/28/2021	52.8	0.0	N/A	53.0	0.0	0.0	0.0	0.0	0	0.2	20.6		
VMP-4	12	5/5/2021	50.6	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	0.3	20.4		
VMP-4	12	7/29/2021	52.9	0.0	N/A	63.1	0.0	0.0	0.0	0.0	0	2.3	17.5		
VMP-4	12	10/25/2021	51.2	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	3.2	18.4		
VMP-4	23.5	1/28/2021	50.5	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	2.1	19.3		
VMP-4	23.5	5/5/2021	51.2	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	0.8	19.7		
VMP-4	23.5	7/29/2021	58.3	0.0	N/A	58.5	0.0	0.0	0.0	0.0	0	1.4	18.0		
VMP-4	23.5	10/25/2021	50.7	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	3.2	17.2		
VMP-4 ⁸	39	1/28/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-4 ⁸	39	5/5/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-4 ⁸	39	7/29/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-4 ⁸	39	10/25/2021	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	1/22/2021	62.3	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	0.4	20.9	
VMP-5	5	5/6/2021	50.7	0.0	N/A	53.9	0.0	0.0	0.0	0.0	0	0.1	20.9	
VMP-5	5	7/28/2021	53.9	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	0.2	20.2	
VMP-5	5	10/25/2021	58.7	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.4	20.7	
VMP-5	12.5	1/22/2021	59.5	0.0	N/A	53.7	0.0	0.0	0.0	0.0	0	0.4	20.6	
VMP-5	12.5	5/6/2021	52.1	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	0.4	20.6	
VMP-5	12.5	7/28/2021	50.4	0.1	N/A	50.9	0.1	0.0	0.0	0.0	0	1.1	19.3	
VMP-5	12.5	10/25/2021	62.5	0.0	N/A	59.2	0.0	0.0	0.0	0.0	0	1.9	19.2	
VMP-5	31	1/22/2021	62.3	0.0	N/A	52.7	0.0	1.3	0.0	0.0	0	1.5	19.8	
VMP-5	31	5/6/2021	51.6	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	1.1	19.8	
VMP-5	31	7/28/2021	51.6	0.2	N/A	51.4	0.1	3.6	0.1	0.0	0	1.4	18.5	
VMP-5	31	10/25/2021	52.1	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	2.3	18.6	
VMP-5 ⁸	40	1/22/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-5 ⁸	40	5/6/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-5 ⁸	40	7/28/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-5 ⁸	40	10/25/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-6	5	1/29/2021	50.7	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	0.7	20.3	
VMP-6	5	5/6/2021	51.2	0.0	N/A	55.3	0.0	0.0	0.0	0.0	0	0.6	19.4	
VMP-6	5	7/29/2021	57.1	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	2.2	18.9	
VMP-6	5	10/25/2021	77.3	0.1	N/A	54.3	0.2	0.0	0.0	0.0	0	1.0	20.5	
VMP-6 ⁸	10	1/29/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-6	10	5/6/2021	51.6	0.1	N/A	59.4	0.0	0.0	0.0	0.0	0	1.0	18.9	
VMP-6	10	7/29/2021	51.8	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	3.9	15.9	
VMP-6	10	10/25/2021	52.7	0.1	N/A	50.6	0.2	0.0	0.0	0.0	0	3.2	18.2	
VMP-6	31.5	1/29/2021	49.9	0.0	N/A	59.7	0.0	0.0	0.0	0.0	0	3.2	18.4	
VMP-6	31.5	5/6/2021	57.8	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	2.3	17.9	
VMP-6	31.5	7/29/2021	53.7	0.0	N/A	68.0	0.0	0.0	0.0	0.0	0	3.3	16.2	
VMP-6	31.5	10/25/2021	50.4	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	5.0	15.6	
VMP-6 ⁸	39	1/29/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-6 ⁸	39	5/6/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-6 ⁸	39	7/29/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-6	39	10/25/2021	70.2	0.0	N/A	64.3	0.0	6.8	0.2	0.0	0	4.9	15.5	
VMP-7	5	1/26/2021	51.3	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.4	20.6	
VMP-7	5	5/5/2021	60.1	0.0	N/A	50.4	0.1	0.0	0.0	0.0	0	0.5	20.3	
VMP-7	5	7/26/2021	56.0	0.0	N/A	58.3	0.0	0.0	0.0	0.0	0	1.8	18.4	
VMP-7	5	10/27/2021	54.8	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	2.0	19.5	
VMP-7	13.5	1/26/2021	50.5	0.0	N/A	50.6	0.0	0.0	0.1	0.0	0	0.5	20.3	
VMP-7	13.5	5/5/2021	53.3	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	0.5	20.2	
VMP-7	13.5	7/26/2021	64.0	0.0	N/A	56.2	0.0	0.0	0.0	0.0	0	1.9	18.3	
VMP-7	13.5	10/27/2021	59.8	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	2.1	19.4	
VMP-7	29.5	1/26/2021	50.0	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	2.1	19.1	
VMP-7	29.5	5/5/2021	55.4	0.0	N/A	50.3	0.1	0.0	0.0	0.0	0	1.0	19.6	
VMP-7	29.5	7/26/2021	65.2	0.0	N/A	54.1	0.0	0.0	0.0	0.0	0	2.1	17.6	
VMP-7	29.5	10/27/2021	54.7	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	3.4	17.6	
VMP-7 ⁸	38	1/26/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-7 ⁸	38	5/5/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-7 ⁸	38	7/26/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-7 ⁸	38	10/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-8	5	1/21/2021	60.4	0.0	N/A	53.2	0.0	0.0	0.0	0.0	0	0.6	19.7	
VMP-8	5	5/4/2021	53.5	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	1.4	19.7	
VMP-8	5	7/22/2021	61.9	0.0	N/A	54.0	0.0	0.0	0.0	0.0	0	2.3	18.5	
VMP-8	5	10/29/2021	54.5	0.0	N/A	53.2	0.0	0.0	0.0	0.0	0	0.7	19.6	
VMP-8	9.5	1/21/2021	54.6	0.7	N/A	56.4	0.0	0.0	0.0	0.0	0	1.7	18.8	
VMP-8	9.5	5/4/2021	60.2	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.7	18.8	
VMP-8	9.5	7/22/2021	53.0	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	2.9	16.7	
VMP-8 ⁸	9.5	10/29/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-8	23.5	1/21/2021	59.4	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	3.1	18.0	
VMP-8	23.5	5/4/2021	61.5	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	2.8	17.1	
VMP-8	23.5	7/22/2021	52.0	0.0	N/A	52.0	0.0	0.0	0.0	0.0	0	3.2	16.4	
VMP-8 ⁸	23.5	10/29/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-8	35.5	1/21/2021	52.2	0.0	N/A	51.5	0.2	0.0	0.1	0.0	0	0.6	20.1	
VMP-8	35.5	5/4/2021	54.2	1.7	N/A	54.0	1.4	0.0	0.0	0.0	0	0.5	19.7	
VMP-8	35.5	7/22/2021	52.7	0.1	N/A	53.1	0.1	0.0	0.0	0.0	0	1.0	19.0	
VMP-8 ⁸	35.5	10/29/2021	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-9	5	1/21/2021	53.8	0.0	N/A	54.3	0.0	3.1	0.0	0.0	0	0.4	20.4	
VMP-9	5	5/4/2021	55.8	0.0	N/A	53.3	0.0	0.0	0.0	0.0	0	0.2	20.7	
VMP-9	5	7/22/2021	59.1	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	0.3	20.5	
VMP-9	5	10/22/2021	53.2	0.0	N/A	52.7	0.1	0.0	0.0	0.0	0	0.4	20.0	
VMP-9	11.5	1/21/2021	54.1	0.0	N/A	56.7	0.0	0.0	0.0	0.0	0	0.6	19.9	
VMP-9	11.5	5/4/2021	51.6	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	0.7	20.0	
VMP-9	11.5	7/22/2021	55.5	0.0	N/A	52.7	0.0	0.0	0.0	0.0	0	1.4	19.3	
VMP-9	11.5	10/22/2021	54	0.1	N/A	50.2	0.0	0.0	0.0	0.0	0	1.2	19.2	
VMP-9	25.5	1/21/2021	57.2	0.0	N/A	57.2	0.0	0.0	0.0	0.0	0	1.7	19.3	
VMP-9	25.5	5/4/2021	50.4	0.0	N/A	56.7	0.0	0.0	0.0	0.0	0	1.2	19.5	
VMP-9	25.5	7/22/2021	60.7	0.0	N/A	55.4	0.0	0.0	0.0	0.0	0	1.2	18.8	
VMP-9	25.5	10/22/2021	52.7	0.0	N/A	50.4	0.1	0.0	0.0	0.0	0	2.3	18.4	
VMP-9	38.5	1/21/2021	53.5	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	2.3	18.9	
VMP-9 ⁸	38.5	5/4/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-9 ⁸	38.5	7/22/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-9	38.5	10/22/2021	60.1	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	2.2	18.9	
VMP-10	5	1/27/2021	61.0	0.0	N/A	57.4	0.0	0.0	0.0	0.0	0	0.2	20.4	
VMP-10	5	5/7/2021	51.3	0.0	N/A	62.4	0.0	0.0	0.0	0.0	0	0.4	20.2	
VMP-10	5	7/28/2021	54.2	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	0.6	20.2	
VMP-10	5	10/29/2021	57.2	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.3	20.6	
VMP-10	10	1/27/2021	50.9	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.2	20.5	
VMP-10	10	5/7/2021	50.9	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	0.4	20.1	
VMP-10	10	7/28/2021	56.3	0.0	N/A	54.5	0.0	0.0	0.0	0.0	0	0.6	20.2	
VMP-10	10	10/29/2021	50.6	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.4	20.7	
VMP-10	20	1/27/2021	52.7	0.0	N/A	58.5	0.0	0.0	0.0	0.0	0	0.1	20.5	
VMP-10	20	5/7/2021	53.7	0.0	N/A	54.7	0.0	0.0	0.0	0.0	0	0.2	20.0	
VMP-10	20	7/28/2021	58.3	0.0	N/A	53.7	0.0	0.0	0.0	0.0	0	0.5	20.2	
VMP-10	20	10/29/2021	51.2	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	0.5	20.6	
VMP-10 ⁸	30	1/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-10 ⁸	30	5/7/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-10 ⁸	30	7/28/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-10 ⁸	30	10/29/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-11	5	1/27/2021	51.7	0.0	N/A	56.0	0.0	0.0	0.0	0.0	0	0.0	20.9	
VMP-11	5	5/10/2021	54.7	1.5	N/A	50.5	2.1	0.0	0.0	0.0	0	0.1	20.3	
VMP-11	5	7/29/2021	80.9	0.0	N/A	59.7	0.0	0.2	0.4	0.0	0	0.1	20.7	
VMP-11	5	11/1/2021	51.4	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	0.1	20.9	
VMP-11	8	1/27/2021	60.1	0.2	N/A	53.1	0.2	0.0	0.0	0.0	0	0.0	20.9	
VMP-11	8	5/10/2021	53.2	0.2	N/A	51.7	0.1	0.0	0.0	0.0	0	0.1	20.4	
VMP-11	8	7/29/2021	68.3	0.0	N/A	51.2	0.2	0.7	0.4	0.0	0	0.1	20.7	
VMP-11	8	11/1/2021	66.9	0.0	N/A	53.1	0.0	0.0	0.0	0.0	0	0.1	20.8	
VMP-11	29	1/27/2021	53.0	0.0	N/A	56.5	0.0	0.0	0.0	0.0	0	0.1	20.9	
VMP-11	29	5/10/2021	56.3	0.3	N/A	57.5	0.2	0.0	0.0	0.0	0	0.2	20.3	
VMP-11	29	7/29/2021	50.8	0.1	N/A	53.8	0.3	0.0	0.6	0.0	0	0.4	20.3	
VMP-11	29	11/1/2021	51.8	0.0	N/A	57.5	0.0	0.0	0.0	0.0	0	0.3	20.7	
VMP-11 ⁸	38	1/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-11 ⁸	38	5/10/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-11	38	7/29/2021	59.1	0.1	N/A	52.4	0.0	0.0	1.1	0.0	0	0.0	20.7	
VMP-11	38	11/1/2021	52.7	0.2	N/A	51.7	0.0	0.0	0.0	0.0	0	0.1	20.7	
VMP-12	5	1/28/2021	50.2	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.0	20.9	
VMP-12	5	5/11/2021	61.1	0.0	N/A	56.6	0.1	0.0	0.0	0.0	0	0.0	20.7	
VMP-12	5	7/27/2021	50.4	0.0	N/A	50.4	0.1	0.0	0.0	0.0	0	0.0	20.7	
VMP-12	5	10/26/2021	53.6	0.0	N/A	51.5	0.1	0.0	0.0	0.0	0	0.1	20.4	
VMP-12	11.5	1/28/2021	51.4	0.0	N/A	50.8	0.0	7.8	0.1	0.0	0	0.1	20.7	
VMP-12	11.5	5/11/2021	52.9	0.0	N/A	53.4	0.0	0.0	0.0	0.0	0	0.0	20.5	
VMP-12	11.5	7/27/2021	52.3	0.0	N/A	74.4	0.0	0.0	0.0	0.0	0	0.1	20.8	
VMP-12	11.5	10/26/2021	54.1	0.1	N/A	52.0	0.1	0.0	0.0	0.0	0	0.1	20.5	
VMP-12	25	1/28/2021	50.3	0.0	N/A	52.3	0.0	109	14.8	0.0	0	9.7	7.3	
VMP-12	25	5/11/2021	50.8	0.0	N/A	50.5	0.0	14260	497	5.8	OVR	13.1	1.6	
VMP-12	25	7/27/2021	53.4	0.5	N/A	52.2	1.1	70780	417	30.6	OVR	13.8	2.0	
VMP-12	25	10/26/2021	52.4	0.0	N/A	50.3	0.0	74940	327	24.3	OVR	14.3	0.7	
VMP-12	39	1/28/2021	50.1	7.9	OVR	50.5	5.0	471000	757	OVR	OVR	10.7	3.4	
VMP-12 ⁸	39	5/11/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-12 ⁸	39	7/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-12 ⁸	39	10/26/2021	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	1/27/2021	54.7	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	0.0	20.9		
VMP-13	5	5/10/2021	54.2	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	0.1	20.8		
VMP-13	5	7/30/2021	50.4	0.0	N/A	52.9	0.0	0.0	0.0	0.0	0	0.4	20.3		
VMP-13	5	10/29/2021	63.6	0.0	N/A	51.0	0.0	0.0	0.0	0.0	0	0.2	20.7		
VMP-13	10.5	1/27/2021	55.5	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	0.0	20.8		
VMP-13	10.5	5/10/2021	53.3	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.0	20.7		
VMP-13	10.5	7/30/2021	68.7	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	0.2	20.5		
VMP-13	10.5	10/29/2021	51.8	0.1	N/A	53.7	0.0	0.0	0.0	0.0	0	0.3	20.7		
VMP-13	21.5	1/27/2021	60.1	0.0	N/A	53.3	0.0	3.5	0.0	0.0	0	0.4	20.3		
VMP-13	21.5	5/10/2021	52.1	0.3	N/A	53.8	0.2	0.0	0.0	0.0	0	0.3	20.2		
VMP-13	21.5	7/30/2021	55.7	0.1	N/A	52.3	0.0	0.0	0.0	0.0	0	0.4	20.0		
VMP-13	21.5	10/29/2021	62.3	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	1.0	20.0		
VMP-13	29.5	1/27/2021	66.7	0.0	N/A	53.9	0.2	0.0	0.0	0.0	0	0.0	20.9		
VMP-13	29.5	5/10/2021	53.0	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.0	20.9		
VMP-13	29.5	7/30/2021	58.6	0.0	N/A	50.1	0.1	0.0	0.0	0.0	0	0.2	20.5		
VMP-13	29.5	10/29/2021	50.6	0.0	N/A	53.7	0.0	0.0	0.0	0.0	0	0.3	20.6		
VMP-14	5	1/27/2021	58.8	0.0	N/A	53.4	0.0	0.0	0.0	0.0	0	0.1	20.8		
VMP-14	5	5/10/2021	57.0	0.0	N/A	56.6	0.0	0.0	0.0	0.0	0	0.4	20.1		
VMP-14	5	7/30/2021	50.3	0.0	N/A	50.9	0.0	0.0	0.2	0.0	0	0.7	19.8		
VMP-14	5	10/29/2021	51.8	0.0	N/A	55.4	0.1	0.0	0.0	0.0	0	0.4	20.6		
VMP-14	11.5	1/27/2021	65.0	0.0	N/A	51.1	0.1	0.0	0.0	0.0	0	0.1	20.9		
VMP-14	11.5	5/10/2021	51.7	0.3	N/A	54.4	0.4	0.0	0.0	0.0	0	0.3	19.3		
VMP-14	11.5	7/30/2021	54.6	0.1	N/A	51.2	0.0	0.0	0.2	0.0	0	0.8	19.5		
VMP-14	11.5	10/29/2021	55.5	0.5	N/A	54.6	0.6	0.0	0.0	0.0	0	0.4	20.6		
VMP-14	20	1/27/2021	61.7	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	6.5	13.6		
VMP-14	20	5/10/2021	59.4	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	6.9	11.7		
VMP-14	20	7/30/2021	55.0	0.0	N/A	50.4	0.0	0.0	0.3	0.0	0	6.8	10.9		
VMP-14	20	10/29/2021	63.7	0.0	N/A	52.0	0.0	0.0	0.0	0.0	0	9.0	11.0		
VMP-14	29	1/27/2021	58.1	0.0	N/A	50.3	0.0	2.0	0.1	0.0	0	3.7	16.5		
VMP-14 ⁸	29	5/10/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-14 ⁸	29	7/30/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-14	29	10/29/2021	53.4	0.0	N/A	56.9	0.0	10.4	0.0	0.0	0	6.2	14.2		
VMP-15	5	1/28/2021	62.4	0.0	N/A	55.3	0.0	0.0	0.0	0.0	0	2.8	14.6		
VMP-15	5	5/11/2021	68.8	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	3.1	15.7		
VMP-15	5	7/28/2021	51.7	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	4.0	13.3		
VMP-15	5	10/27/2021	50.6	0.0	N/A	53.4	0.0	0.0	0.0	0.0	0	3.7	16.3		
VMP-15	21.5	1/28/2021	63.1	0.0	N/A	50.7	0.0	0.0	0.2	0.0	0	14.2	3.6		
VMP-15	21.5	5/11/2021	52.1	0.8	N/A	53.6	0.4	36280	4.6	3.4	68	15.4	0.6		
VMP-15	21.5	7/28/2021	55.6	0.0	N/A	50.3	0.0	26950	0.7	2.1	42	13.6	0.3		
VMP-15	21.5	10/27/2021	67.2	0.0	N/A	56.2	0.0	0.0	0.0	0.0	0	14.5	1.2		
VMP-15	25.5	1/28/2021	68.2	0.0	N/A	51.3	0.0	0.0	0.1	0.0	0	14.4	6.5		
VMP-15	25.5	5/11/2021	51.5	0.4	N/A	53.4	0.1	28470	10.8	2.9	58	17.4	0.5		
VMP-15	25.5	7/28/2021	53.2	0.0	N/A	59.8	0.0	20610	1.8	3.0	60	17.1	0.3		
VMP-15	25.5	10/27/2021	61.2	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	16.0	1.3		
VMP-15 ⁸	29	1/28/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	8.0		
VMP-15 ⁸	29	5/11/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-15 ⁸	29	7/28/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-15 ⁸	29	10/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-16	5	1/29/2021	53.3	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	10.8	5.8		
VMP-16	5	5/11/2021	59.9	0.0	N/A	51.8	0.0	2.4	0.0	0.0	0	2.3	18.4		
VMP-16	5	7/27/2021	53.2	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	9.2	10.4		
VMP-16	5	10/26/2021	72.1	0.0	N/A	54.9	0.0	0.0	0.0	0.0	0	5.7	14.5		
VMP-16	13.5	1/29/2021	51.4	1.3	N/A	50.1	1.2	105000	354	31.5	OVR	18.5	0.0		
VMP-16	13.5	5/11/2021	56.1	0.0	N/A	55.0	0.0	21840	732	5.3	OVR	15.1	1.3		
VMP-16	13.5	7/27/2021	50.4	0.3	N/A	50.3	0.9	58020	748	18.5	OVR	17.3	1.0		
VMP-16	13.5	10/26/2021	56.7	0.0	N/A	66.6	0.0	67350	614	17.8	OVR	18.0	0.8		
VMP-16	19	1/29/2021	51.2	1.6	N/A	50.0	1.4	118000	567	47.5	OVR	18.1	0.0		
VMP-16	19	5/11/2021	55.3	1.2	40.3	53.0	1.5	68370	1394	38.7	OVR	15.5	0.8		
VMP-16	19	7/27/2021	51.7	2.0	N/A	51.3	2.0	109000	1294	72.9	OVR	16.9	0.5		
VMP-16	19	10/26/2021	52.4	2.1	75.5	53.9	2.0	156000	645	81.3	OVR	18.4	0.2		
VMP-16	31	1/29/2021	51.4	2.6	N/A	66.3	2.6	157000	502	74.1	OVR	18.1	0.0		
VMP-16	31	5/11/2021	50.9	2.7	OVR	63.8	2.8	264000	2365	OVR	OVR	14.9	0.1		
VMP-16	31	7/27/2021	63.7	2.8	N/A	50.9	3.0	206000	1573	OVR	OVR	15.6	0.8		
VMP-16	31	10/26/2021	52.7	3.4	OVR	68.3	3.5	285000	722	OVR	OVR	17.8	0.6		
VMP-17	5	1/28/2021	55.5	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	0.0	20.9		
VMP-17	5	5/6/2021	50.1	0.0	N/A	54.4	0.0	0.0	0.0	0.0	0	0.1	20.9		
VMP-17	5	7/27/2021	51.7	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	0.1	20.6		
VMP-17	5	10/27/2021	53.9	0.0	N/A	52.1	0.0	0.0	0.0	0.0	0	0.1	20.8		
VMP-18	8.5	1/26/2021	50.9	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.1	20.9		
VMP-18 ¹⁰	8.5	5/12/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-18	8.5	7/22/2021	61.7	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	0.7	20.1		
VMP-18	8.5	11/2/2021	50.9	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	0.4	20.6		

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

Reading Location			Shroud			Tedlar® Bag 1			Shroud			Tedlar® Bag 2			
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec					
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)		
VMP-19	5	1/26/2021	57.2	0.1	N/A	52.2	0.1	0.0	0.0	0.0	0	0.0	20.9		
VMP-19	5	5/11/2021	51.2	0.6	N/A	53.5	0.7	0.0	0.0	0.0	0	0.1	20.8		
VMP-19	5	7/26/2021	53.8	0.1	N/A	54.1	0.6	0.0	0.0	0.0	0	0.2	20.0		
VMP-19	5	10/26/2021	57.7	0.1	N/A	51.1	0.6	0.0	0.0	0.0	0	0.1	20.7		
VMP-20	5	1/25/2021	56.4	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	4.9	17.9		
VMP-20	5	5/7/2021	69.5	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	4.9	15.7		
VMP-20	5	7/27/2021	60.6	0.0	N/A	51.7	0.0	0.0	0.0	0.0	0	8.5	12.2		
VMP-20	5	11/1/2021	57.3	0.0	N/A	54.1	0.0	0.0	0.0	0.0	0	3.7	17.4		
VMP-20	10	1/25/2021	53.8	0.0	N/A	54.2	0.0	0.0	0.1	0.0	0	6.5	16.9		
VMP-20	10	5/7/2021	52.7	0.0	N/A	52.6	0.0	0.0	0.0	0.0	0	5.5	15.1		
VMP-20	10	7/27/2021	52.4	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	10.9	9.1		
VMP-20	10	11/1/2021	52.7	0.0	N/A	56.5	0.0	0.0	0.0	0.0	0	6.6	15.6		
VMP-20	25	1/25/2021	52.2	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	6.2	16.2		
VMP-20	25	5/7/2021	51.9	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	4.1	17.2		
VMP-20	25	7/27/2021	52.1	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	5.0	15.0		
VMP-20	25	11/1/2021	55.8	0.0	N/A	51.7	0.0	0.0	0.0	0.0	0	6.2	15.8		
VMP-20 ⁸	39.5	1/25/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-20 ⁸	39.5	5/7/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-20 ⁸	39.5	7/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-20 ⁸	39.5	11/1/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-21	5	1/25/2021	58.1	0.0	N/A	54.9	0.0	0.0	0.0	0.0	0	0.2	20.7		
VMP-21	5	5/3/2021	54.0	0.0	N/A	52.0	0.0	0.0	0.0	0.0	0	0.8	19.7		
VMP-21	5	7/29/2021	50.5	0.0	N/A	57.2	0.0	0.0	0.0	0.0	0	5.4	13.5		
VMP-21	5	10/25/2021	55.4	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	5.8	15.9		
VMP-21	10	1/25/2021	65.4	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.9	19.8		
VMP-21	10	5/3/2021	56.0	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	1.4	18.7		
VMP-21 ¹¹	10	6/3/2021	56.9	0.0	N/A	55.8	0.0	0.0	0.0	0.0	0	1.6	18.0		
VMP-21	10	7/29/2021	52.5	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	3.9	15.0		
VMP-21	10	10/25/2021	51.7	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	7.6	13.9		
VMP-21	25	1/25/2021	58.0	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	1.6	19.7		
VMP-21	25	5/3/2021	51.5	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	1.0	19.1		
VMP-21	25	7/29/2021	50.6	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	1.6	17.8		
VMP-21	25	10/25/2021	53.5	0.0	N/A	54.9	0.0	0.0	0.0	0.0	0	3.7	16.1		
VMP-21	33	1/25/2021	65.8	0.0	N/A	54.9	0.0	0.0	0.0	0.0	0	0.1	20.8		
VMP-21	33	5/3/2021	51.2	0.0	N/A	65.4	0.0	0.0	0.0	0.0	0	1.5	18.9		
VMP-21	33	7/29/2021	50.6	0.0	N/A	53.1	0.0	0.0	0.0	0.0	0	1.5	17.9		
VMP-21	33	10/25/2021	53.5	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	3.5	15.9		
VMP-22	5	1/26/2021	52.5	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	0.2	20.6		
VMP-22	5	5/3/2021	51.9	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.4	20.0		
VMP-22	5	7/23/2021	67.7	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	2.1	18.9		
VMP-22	5	11/1/2021	50.8	0.0	N/A	55.6	0.0	0.0	0.0	0.0	0	1.2	19.5		
VMP-22	10	1/26/2021	51.7	1.0	0.0	51.6	2.2	0.0	0.0	0.0	0	0.1	20.4		
VMP-22	10	5/3/2021	50.3	0.4	N/A	55.1	2.1	0.0	0.0	0.0	0	0.4	19.5		
VMP-22	10	7/23/2021	62.3	0.0	N/A	51.6	0.7	0.0	0.0	0.0	0	1.5	18.8		
VMP-22	10	11/1/2021	59	0.3	N/A	55.0	0.8	0.0	0.0	0.0	0	0.6	19.8		
VMP-22	18	1/26/2021	51.9	1.0	N/A	54.1	0.9	0.0	0.0	0.0	0	0.4	20.4		
VMP-22	18	5/3/2021	50.3	0.4	N/A	51.2	0.3	0.0	0.0	0.0	0	0.3	19.8		
VMP-22 ⁸	18	7/23/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-22 ⁸	18	11/1/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-22	38	1/26/2021	50.7	1.1	N/A	50.9	1.0	0.0	0.0	0.0	0	0.1	20.6		
VMP-22	38	5/3/2021	52.3	0.5	N/A	50.8	1.5	0.0	0.0	0.0	0	0.4	19.7		
VMP-22 ¹¹	38	6/3/2021	60.1	0.1	N/A	68.0	0.2	0.0	0.0	0.0	0	0.7	19.6		
VMP-22 ⁸	38	7/23/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-22	38	11/1/2021	58.3	0.5	N/A	51.6	0.5	0.0	0.0	0.0	0	0.7	19.7		
VMP-23	5	1/21/2021	50.1	0.1	N/A	54.2	0.0	0.0	0.0	0.0	0	0.4	20.3		
VMP-23	5	5/7/2021	52.7	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	1.0	19.5		
VMP-23	5	7/28/2021	56.8	0.0	N/A	53.7	0.0	0.0	0.0	0.0	0	2.9	17.6		
VMP-23	5	10/25/2021	61.2	0.0	N/A	56.4	0.0	0.0	0.0	0.0	0	1.1	20.7		
VMP-23	10	1/21/2021	51.1	325.0	N/A	49.6	0.0	0.0	0.0	0.0	0	0.6	20.3		
VMP-23 ⁸	10	5/7/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-23	10	7/28/2021	65.8	0.0	N/A	50.1	0.1	0.0	0.0	0.0	0	2.2	18.0		
VMP-23	10	10/25/2021	56.5	0.0	N/A	57.1	0.0	0.0	0.0	0.0	0	1.8	19.8		
VMP-23	25	1/21/2021	50.6	0.0	N/A	51.2	0.1	0.0	0.0	0.0	0	2.1	19.5		
VMP-23	25	5/7/2021	51.4	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	1.0	19.0		
VMP-23	25	7/28/2021	53.6	0.2	N/A	50.1	0.1	0.0	0.0	0.0	0	2.0	17.5		
VMP-23	25	10/25/2021	51.8	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	3.7	17.6		
VMP-23 ⁸	40	1/21/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-23 ⁸	40	5/7/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-23 ⁸	40	7/28/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-23 ⁸	40	10/25/2021	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-24	5	1/21/2021	51.5	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	3.1	18.6
VMP-24	5	5/11/2021	50.6	0.1	N/A	52.4	0.0	0.0	0.0	0.0	0	2.1	19.2
VMP-24	5	7/22/2021	54.4	0.0	N/A	52.1	0.0	0.0	0.0	0.0	0	2.3	18.1
VMP-24	5	10/22/2021	52.6	0.0	N/A	55.2	0.0	0.0	0.0	0.0	0	4.5	16.9
VMP-24 ⁹	10	2/25/2021	54.4	0.0	N/A	71.7	0.0	0.0	0.0	0.0	0	3.2	18.2
VMP-24	10	5/11/2021	52.8	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	2.8	18.3
VMP-24	10	7/22/2021	58.0	0.0	N/A	51.7	0.0	0.0	0.0	0.0	0	3.2	17.2
VMP-24	10	10/22/2021	54.2	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	5.0	16.5
VMP-24	22	1/21/2021	54.3	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	2.6	19.0
VMP-24	22	5/11/2021	50.7	0.0	N/A	50.1	0.8	0.0	0.0	0.0	0	0.6	19.7
VMP-24	22	7/22/2021	60.6	0.0	N/A	53.9	0.9	0.0	0.0	0.0	0	0.8	19.6
VMP-24	22	10/22/2021	52.9	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	2.6	18.3
VMP-24	34	1/21/2021	51.1	0.0	N/A	55.0	0.0	0.0	0.0	0.0	0	4.1	17.8
VMP-24	34	5/11/2021	51.2	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	2.6	18.3
VMP-24	34	7/22/2021	57.9	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	3.7	18.6
VMP-24	34	10/22/2021	63.9	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	5.5	16.1
VMP-25	5	1/26/2021	71.6	0.0	N/A	57.2	0.0	154	0.2	0.0	0	3.0	7.4
VMP-25 ⁸	5	5/6/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25 ⁸	5	7/22/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25	5	10/27/2021	52.9	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	5.4	9.2
VMP-25 ⁸	9.5	1/26/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25 ⁸	9.5	5/6/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25 ⁸	9.5	7/22/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25 ⁸	9.5	10/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25 ⁸	21	1/26/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25 ⁸	21	5/6/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25 ⁸	21	7/22/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25 ⁸	21	10/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25 ⁷	31	1/26/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25 ⁷	31	5/6/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25 ⁷	31	7/22/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25 ⁷	31	10/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-29	10	1/27/2021	55.7	0.0	N/A	52.4	0.0	0.0	0.1	0.0	0	0.1	20.9
VMP-29	10	5/10/2021	50.3	0.0	N/A	50.9	0.2	0.0	0.0	0.0	0	0.2	20.7
VMP-29	10	7/28/2021	55.4	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	0.4	20.4
VMP-29	10	10/29/2021	70.2	0.0	N/A	58.2	0.0	0.0	0.0	0.0	0	0.3	20.7
VMP-29	18	1/27/2021	62.8	0.0	N/A	55.0	0.0	0.0	0.1	0.0	0	0.1	20.6
VMP-29	18	5/10/2021	59.1	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.2	20.5
VMP-29	18	7/28/2021	60.3	0.0	N/A	50.1	0.0	1.9	2.1	0.0	0	0.4	20.3
VMP-29	18	10/29/2021	58	0.0	N/A	56.3	0.0	0.0	0.0	0.0	0	0.5	20.4
VMP-29	26	1/27/2021	62.8	0.0	N/A	57.6	0.0	0.0	0.1	0.0	0	0.8	20.0
VMP-29	26	5/10/2021	55.9	0.0	N/A	52.3	0.1	0.0	0.0	0.0	0	0.6	19.7
VMP-29	26	7/28/2021	68.5	0.0	N/A	50.4	0.0	0.0	0.1	0.0	0	0.5	20.0
VMP-29	26	10/29/2021	50.9	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	1.1	19.7
VMP-29 ⁸	40	1/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-29 ⁸	40	5/10/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-29 ⁸	40	7/28/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-29 ⁸	40	10/29/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-30	10	1/27/2021	58.7	0.0	N/A	54.5	0.1	0.0	0.0	0.0	0	0.0	20.9
VMP-30	10	5/10/2021	69.9	0.0	N/A	52.6	0.2	0.0	0.0	0.0	0	0.0	20.9
VMP-30	10	7/28/2021	57.2	0.0	N/A	50.7	0.0	0.0	0.2	0.0	0	0.0	20.9
VMP-30	10	10/29/2021	59.6	0.0	N/A	52.6	0.0	0.0	0.0	0.0	0	0.0	20.9
VMP-30	18	1/27/2021	60.1	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	0.0	20.9
VMP-30	18	5/10/2021	50.7	0.1	N/A	53.3	0.0	0.0	0.0	0.0	0	0.0	20.8
VMP-30	18	7/28/2021	50.2	0.0	N/A	50.3	0.0	0.0	0.3	0.0	0	0.1	20.6
VMP-30	18	10/29/2021	70.8	0.0	N/A	56.5	0.0	0.0	0.0	0.0	0	0.3	20.6
VMP-30	26	1/27/2021	61.2	0.0	N/A	53.3	0.0	0.0	0.1	0.0	0	0.3	20.9
VMP-30	26	5/10/2021	51.8	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	0.3	20.2
VMP-30	26	7/28/2021	54.7	0.0	N/A	50.7	0.0	0.0	0.3	0.0	0	0.1	20.1
VMP-30	26	10/29/2021	53.2	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.8	19.9
VMP-30 ⁸	40	1/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-30 ⁸	40	5/10/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-30 ⁸	40	7/28/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-30 ⁸	40	10/29/2021	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-32	5	1/26/2021	52.7	0.0	N/A	52.0	0.0	0.0	0.0	0.0	0	0.2	20.6
VMP-32	5	5/12/2021	51.5	0.0	N/A	58.1	0.0	0.0	0.0	0.0	0	0.6	20.5
VMP-32	5	7/23/2021	51.4	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	2.4	17.0
VMP-32	5	11/1/2021	56.1	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	4.4	16.8
VMP-32	10	1/26/2021	60.0	0.0	N/A	53.7	0.0	0.0	0.1	0.0	0	0.6	20.5
VMP-32	10	5/12/2021	51.7	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	0.7	20.2
VMP-32	10	7/23/2021	56.8	0.0	N/A	53.2	0.0	0.0	0.0	0.0	0	2.2	17.2
VMP-32	10	11/1/2021	60.2	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	4.6	16.2
VMP-32	20	1/26/2021	53.4	0.1	N/A	52.5	0.2	0.0	0.0	0.0	0	0.1	20.6
VMP-32 ⁸	20	5/12/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-32	20	7/23/2021	58.5	0.6	N/A	50.6	0.7	0.0	0.0	0.0	0	0.5	19.4
VMP-32	20	11/1/2021	72.5	1.0	N/A	52.9	1.6	0.0	0.0	0.0	0	1.9	19.3
VMP-32	30	1/26/2021	51.6	0.2	N/A	53.7	0.9	0.0	0.0	0.0	0	0.7	20.4
VMP-32 ⁸	30	5/12/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-32	30	7/23/2021	59.4	0.4	N/A	53.0	0.6	0.0	0.0	0.0	0	0.8	18.8
VMP-32	30	11/1/2021	52.8	0.0	N/A	53.0	0.0	0.0	0.0	0.0	0	3.6	17.4
VMP-41	10	1/27/2021	51.5	0.0	N/A	52.6	0.0	0.0	0.0	0.0	0	0.2	20.8
VMP-41	10	5/6/2021	58.8	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	0.5	20.1
VMP-41	10	7/28/2021	59.1	0.0	N/A	50.5	0.1	0.0	0.0	0.0	0	0.8	19.9
VMP-41	10	10/29/2021	50.8	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	0.5	20.5
VMP-41	20	1/27/2021	52.6	0.0	N/A	57.1	0.3	0.0	0.0	0.0	0	0.4	20.6
VMP-41	20	5/6/2021	51.5	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.4	20.1
VMP-41	20	7/28/2021	54.0	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	0.8	19.8
VMP-41	20	10/29/2021	53.6	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	1.0	19.8
VMP-41	26	1/27/2021	52.6	0.2	N/A	52.8	0.0	0.0	0.0	0.0	0	0.7	20.3
VMP-41	26	5/6/2021	55.6	0.0	N/A	56.1	0.0	0.0	0.0	0.0	0	0.4	20.0
VMP-41	26	7/28/2021	54.7	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.9	19.5
VMP-41	26	10/29/2021	56.7	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	1.6	18.9
VMP-42	10	1/29/2021	52.4	0.0	N/A	52.1	0.0	0.0	0.0	0.0	0	0.7	20.4
VMP-42	10	5/5/2021	50.7	0.0	N/A	51.0	0.0	0.0	0.0	0.0	0	0.4	20.2
VMP-42	10	7/26/2021	60.6	0.0	N/A	51.7	0.0	0.0	0.0	0.0	0	1.0	19.6
VMP-42	10	10/26/2021	55.8	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.0	20.0
VMP-42	20	1/29/2021	50.3	0.0	N/A	60.5	0.0	0.0	0.0	0.0	0	1.7	19.9
VMP-42	20	5/5/2021	51.3	0.0	N/A	52.6	0.0	0.0	0.0	0.0	0	0.6	20.1
VMP-42	20	7/26/2021	56.4	0.0	N/A	53.6	0.0	0.0	0.0	0.0	0	2.3	17.5
VMP-42	20	10/26/2021	51.4	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	3.1	18.8
VMP-42	30	1/29/2021	51.1	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	3.0	19.3
VMP-42	30	5/5/2021	55.3	0.1	N/A	56.4	0.2	0.0	0.0	0.0	0	0.9	20.2
VMP-42	30	7/26/2021	50.7	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	1.5	18.3
VMP-42	30	10/26/2021	60.6	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	3.4	18.5
VMP-43	10	1/26/2021	57.4	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.1	20.9
VMP-43	10	5/5/2021	50.0	0.0	N/A	50.4	0.0	0.4	0.0	0.0	0	0.3	20.6
VMP-43	10	7/26/2021	53.7	0.1	N/A	50.3	0.0	0.0	0.0	0.0	0	0.7	19.5
VMP-43	10	10/26/2021	50.4	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.8	20.3
VMP-43	20	1/26/2021	55.5	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	0.1	20.9
VMP-43	20	5/5/2021	53.0	0.0	N/A	52.4	0.0	0.3	0.0	0.0	0	0.1	20.8
VMP-43	20	7/26/2021	51.9	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	1.3	18.9
VMP-43	20	10/26/2021	70.2	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	0.4	20.6
VMP-43 ⁸	30	2/25/2021	53.3	0.0	N/A	71.8	0.0	0.0	0.0	0.0	0	0.2	20.7
VMP-43	30	5/5/2021	52.8	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	0.5	20.0
VMP-43	30	7/26/2021	53.7	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	1.4	18.2
VMP-43	30	10/26/2021	54.8	0.0	N/A	50.2	0.1	0.0	0.0	0.0	0	0.2	20.8
VMP-44 ⁷	10	1/26/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44 ⁷	10	5/5/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44 ⁷	10	7/26/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44 ⁷	10	10/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44 ⁷	20	1/26/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44 ⁷	20	5/5/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44 ⁷	20	7/26/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44 ⁷	20	10/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44 ⁷	30	1/26/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44 ⁷	30	5/5/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44 ⁷	30	7/26/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44 ⁷	30	10/27/2021	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-45	10	1/26/2021	51.2	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	0.3	20.8		
VMP-45 ⁹	10	6/3/2021	61.1	0.0	N/A	61.7	0.0	0.0	0.0	0.0	0	0.5	19.4		
VMP-45	10	7/26/2021	52.0	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.1	19.0		
VMP-45	10	10/27/2021	52.4	0.0	N/A	53.7	0.0	0.0	0.0	0.0	0	0.1	20.1		
VMP-45	20	1/26/2021	53.1	0.0	N/A	53.3	0.0	0.0	0.0	0.0	0	0.4	20.9		
VMP-45	20	5/5/2021	51.9	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	0.4	20.4		
VMP-45	20	7/26/2021	52.3	0.0	N/A	61.3	0.0	0.0	0.0	0.0	0	1.2	18.7		
VMP-45	20	10/27/2021	52.8	0.0	N/A	52.9	0.0	0.0	0.0	0.0	0	1.5	19.9		
VMP-45	30	1/26/2021	51.7	0.5	N/A	50.3	0.3	0.0	0.0	0.0	0	0.2	20.9		
VMP-45	30	5/5/2021	60.0	2.1	0.0	80.4	1.3	0.0	0.0	0.0	0	0.3	20.3		
VMP-45	30	7/26/2021	51.6	0.7	N/A	56.0	0.6	0.0	0.0	0.0	0	0.6	19.3		
VMP-45	30	10/27/2021	54.1	0.0	N/A	58.4	0.0	0.0	0.0	0.0	0	0.7	20.5		
VMP-47	5	1/22/2021	50.4	0.0	N/A	56.2	0.6	0.0	0.0	0.0	0	0.2	20.6		
VMP-47	5	5/6/2021	52.2	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	0.3	20.6		
VMP-47	5	7/23/2021	55.6	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	0.8	19.8		
VMP-47	5	11/1/2021	56.4	0.0	N/A	61.2	0.0	0.0	0.0	0.0	0	0.2	20.7		
VMP-47	10	1/22/2021	53.9	0.0	N/A	52.1	0.0	0.0	0.0	0.0	0	0.7	20.2		
VMP-47	10	5/6/2021	52.8	0.0	N/A	51.7	0.0	0.0	0.0	0.0	0	0.9	20.2		
VMP-47	10	7/23/2021	63.2	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	1.2	19.5		
VMP-47	10	11/1/2021	52.9	0.0	N/A	54.3	0.0	0.0	0.0	0.0	0	1.1	20.2		
VMP-47	20	1/22/2021	53.3	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.5	20.0		
VMP-47	20	5/6/2021	50.8	0.0	N/A	53.1	0.0	0.0	0.0	0.0	0	0.6	20.0		
VMP-47	20	7/23/2021	50.3	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	1.3	19.3		
VMP-47	20	11/1/2021	61.9	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	1.1	20.1		
VMP-47	30	1/22/2021	55.5	0.0	N/A	65.6	0.0	0.0	0.0	0.0	0	1.7	19.2		
VMP-47	30	5/6/2021	50.5	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	0.8	19.8		
VMP-47	30	7/23/2021	54.7	0.0	N/A	53.2	0.1	0.0	0.0	0.0	0	0.7	19.4		
VMP-47	30	11/1/2021	52.3	0.0	N/A	55.6	0.0	0.0	0.0	0.0	0	2.3	19.1		
VMP-48	5	1/25/2021	55.7	0.0	N/A	57.3	0.0	0.0	0.0	0.0	0	0.7	20.1		
VMP-48	5	5/7/2021	54.5	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	2.0	17.1		
VMP-48	5	7/30/2021	50.8	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	4.9	15.0		
VMP-48	5	11/1/2021	50.7	0.0	N/A	56.0	0.0	0.0	0.0	0.0	0	1.3	19.2		
VMP-48	10	1/25/2021	53.8	0.0	N/A	53.2	0.0	0.0	0.0	0.0	0	4.6	18.0		
VMP-48	10	5/7/2021	50.1	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	1.8	18.6		
VMP-48	10	7/30/2021	56.0	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	3.5	16.8		
VMP-48	10	11/1/2021	50.6	0.0	N/A	51.3	0.0	7.4	0.8	0.0	0	1.4	19.4		
VMP-48	20	1/25/2021	53.3	0.0	N/A	55.5	0.0	0.0	0.0	0.0	0	5.2	17.7		
VMP-48 ⁸	20	5/7/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-48 ⁸	20	7/30/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
VMP-48	20	11/1/2021	54.8	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	3.7	18.0		
VMP-48	30	1/25/2021	50.4	0.0	N/A	53.4	0.0	0.0	0.0	0.0	0	7.6	15.4		
VMP-48	30	5/7/2021	58.8	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	5.6	16.4		
VMP-48	30	7/30/2021	62.0	0.0	N/A	54.1	0.0	0.0	0.0	0.0	0	3.7	16.4		
VMP-48	30	11/1/2021	50.6	0.0	N/A	55.8	0.0	0.0	0.0	0.0	0	5.0	16.0		
VMP-49	5	1/25/2021	59.3	0.0	N/A	52.0	0.0	0.0	0.1	0.0	0	0.2	20.9		
VMP-49	5	5/3/2021	54.8	0.0	N/A	56.0	0.0	0.0	0.0	0.0	0	0.3	20.2		
VMP-49	5	7/29/2021	51.9	0.0	N/A	53.9	0.0	0.0	0.0	0.0	0	1.5	19.4		
VMP-49	5	10/27/2021	55.5	0.0	N/A	53.6	0.0	0.0	0.0	0.0	0	1.7	19.7		
VMP-49	10	1/25/2021	60.0	0.0	N/A	52.7	0.0	0.0	0.0	0.0	0	0.4	20.7		
VMP-49	10	5/3/2021	51.5	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	0.7	19.7		
VMP-49	10	7/29/2021	51.2	0.0	N/A	58.8	0.0	0.0	0.0	0.0	0	3.7	16.7		
VMP-49	10	10/27/2021	51.7	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	1.4	19.9		
VMP-49	20	1/25/2021	59.9	0.0	N/A	52.6	0.0	0.0	0.0	0.0	0	0.0	20.9		
VMP-49	20	5/3/2021	51.0	0.2	N/A	50.3	0.2	0.0	0.0	0.0	0	0.5	19.7		
VMP-49 ¹¹	20	6/3/2021	58.1	0.0	N/A	58.7	0.0	0.0	0.0	0.0	0	1.4	18.5		
VMP-49	20	7/29/2021	50.6	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	3.8	16.6		
VMP-49	20	10/27/2021	50.9	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.5	19.5		
VMP-49	30	1/25/2021	60.2	0.0	N/A	53.6	0.0	0.0	0.0	0.0	0	0.0	20.9		
VMP-49	30	5/3/2021	56.2	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	5.9	14.6		
VMP-49	30	7/29/2021	51.3	0.0	N/A	54.4	0.2	0.0	0.1	0.0	0	1.3	19.1		
VMP-49	30	10/27/2021	53.6	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	0.4	20.3		

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud		Tedlar® Bag 1			Shroud		Tedlar® Bag 2				
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec				
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	
VMP-50	5	1/26/2021	51.9	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	0.2	20.7	
VMP-50	5	5/7/2021	50.8	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	0.5	19.9	
VMP-50	5	7/23/2021	50.3	0.0	N/A	56.8	0.0	0.0	0.0	0.0	0	5.6	9.2	
VMP-50	5	10/25/2021	57.7	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	5.7	14.8	
VMP-50	10	1/26/2021	51.8	0.0	N/A	60.5	0.0	0.0	0.1	0.0	0	0.6	20.6	
VMP-50	10	5/7/2021	52.8	0.0	N/A	56.2	0.0	0.0	0.0	0.0	0	0.6	19.6	
VMP-50	10	7/23/2021	53.9	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	2.8	13.4	
VMP-50	10	10/25/2021	51.2	0.0	N/A	49.9	0.0	0.0	0.0	0.0	0	5.2	13.9	
VMP-50 ⁹	20	2/25/2021	69.5	0.0	N/A	72.9	0.0	0.0	0.0	0.0	0	0.7	20.2	
VMP-50	20	5/7/2021	50.7	0.0	N/A	51.7	0.0	0.0	0.0	0.0	0	0.7	19.5	
VMP-50	20	7/23/2021	52.0	0.0	N/A	52.7	0.0	0.0	0.0	0.0	0	1.6	17.0	
VMP-50	20	10/25/2021	53.7	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	2.5	15.6	
VMP-50	30	1/26/2021	60.1	1.3	N/A	50.0	0.8	161	23.8	0.0	0	1.7	19.8	
VMP-50	30	5/7/2021	50.7	0.0	N/A	52.8	0.0	119	17.7	0.1	2	1.1	19.3	
VMP-50	30	7/23/2021	54.0	0.0	N/A	55.0	0.0	35.5	3.4	0.0	0	1.5	17.8	
VMP-50	30	10/25/2021	70.7	0.0	N/A	52.4	0.0	28.6	2.3	0.0	0	3.3	17.3	
VMP-51	5	1/22/2021	54.4	0.0	N/A	54.5	0.0	0.0	0.0	0.0	0	0.4	20.6	
VMP-51	5	5/4/2021	57.7	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	0.4	20.2	
VMP-51	5	7/23/2021	69.3	0.1	N/A	50.2	0.0	0.0	0.0	0.0	0	1.2	19.2	
VMP-51	5	10/25/2021	51.4	0.0	N/A	55.9	0.0	0.0	0.0	0.0	0	1.2	20.4	
VMP-51	10	1/22/2021	50.9	0.0	N/A	54.2	0.0	0.0	0.0	0.0	0	0.6	20.4	
VMP-51	10	5/4/2021	54.8	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	0.9	19.8	
VMP-51	10	7/23/2021	58.3	0.0	N/A	57.0	0.0	0.0	0.0	0.0	0	2.5	17.6	
VMP-51	10	10/25/2021	51.4	0.2	N/A	53.2	0.0	0.0	0.0	0.0	0	2.1	19.5	
VMP-51	20	1/22/2021	50.4	0.2	N/A	51.0	0.0	0.0	0.0	0.0	0	1.4	19.8	
VMP-51	20	5/4/2021	56.9	0.0	N/A	56.2	0.0	0.0	0.0	0.0	0	0.9	19.9	
VMP-51	20	7/23/2021	51.4	0.0	N/A	54.7	0.0	0.0	0.0	0.0	0	1.7	18.0	
VMP-51	20	10/25/2021	53.3	0.0	N/A	56.8	0.0	0.0	0.0	0.0	0	3.0	18.3	
VMP-51	30	1/22/2021	57.6	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	2.4	18.8	
VMP-51	30	5/4/2021	56.1	0.0	N/A	55.8	0.0	0.0	0.0	0.0	0	1.4	19.8	
VMP-51	30	7/23/2021	60.6	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	1.6	18.2	
VMP-51	30	10/25/2021	57.5	0.0	N/A	63.9	0.0	0.0	0.0	0.0	0	3.1	17.9	
VMP-52	5	1/22/2021	58.8	0.1	N/A	53.1	0.0	0.0	0.0	0.0	0	0.5	20.4	
VMP-52	5	5/4/2021	85.9	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.6	18.2	
VMP-52	5	7/22/2021	56.7	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	3.3	15.0	
VMP-52	5	11/2/2021	53	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	1.6	20.0	
VMP-52	10	1/22/2021	56.6	0.0	N/A	52.7	0.0	0.0	0.0	0.0	0	3.8	18.1	
VMP-52	10	5/4/2021	56.6	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	2.1	17.6	
VMP-52	10	7/22/2021	53.0	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	2.5	15.5	
VMP-52	10	11/2/2021	63.9	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	6.3	15.7	
VMP-52	20	1/22/2021	59.8	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	3.3	17.8	
VMP-52	20	5/4/2021	53.7	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	3.3	17.7	
VMP-52	20	7/22/2021	60.0	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	2.3	17.4	
VMP-52	20	11/2/2021	52.4	0.0	N/A	55.6	0.0	0.0	0.0	0.0	0	3.6	17.2	
VMP-52	30	1/22/2021	57.2	0.0	N/A	53.3	0.0	0.0	0.0	0.0	0	3.5	17.3	
VMP-52	30	5/4/2021	62.2	0.0	N/A	53.7	0.0	0.0	0.0	0.0	0	3.1	17.6	
VMP-52	30	7/22/2021	61.9	0.0	N/A	55.1	0.0	0.0	0.0	0.0	0	2.3	17.6	
VMP-52	30	11/2/2021	65.4	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	3.4	17.4	
VMP-53	5	1/21/2021	54.6	0.0	N/A	58.8	0.0	0.0	0.0	0.0	0	0.3	20.3	
VMP-53	5	5/4/2021	50.8	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	0.7	20.2	
VMP-53	5	7/22/2021	66.1	0.0	N/A	56.2	0.1	0.0	0.0	0.0	0	1.4	19.1	
VMP-53	5	10/22/2021	52.3	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	0.9	20.2	
VMP-53	10	1/21/2021	53.2	0.0	N/A	53.1	0.0	0.0	0.0	0.0	0	0.3	20.2	
VMP-53	10	5/4/2021	51.7	0.0	N/A	55.4	0.0	0.0	0.0	0.0	0	0.5	20.4	
VMP-53 ¹¹	10	6/3/2021	59.3	0.0	N/A	58.1	0.0	0.0	0.0	0.0	0	0.7	19.4	
VMP-53	10	7/22/2021	51.1	0.0	N/A	53.8	0.0	0.0	0.0	0.0	0	1.0	19.5	
VMP-53	10	10/22/2021	50.6	0.0	N/A	52.6	0.0	0.0	0.0	0.0	0	0.8	20.2	
VMP-53	20	1/21/2021	56.0	0.0	N/A	54.1	0.0	0.0	0.0	0.0	0	0.7	19.8	
VMP-53	20	5/4/2021	65.0	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.5	20.1	
VMP-53	20	7/22/2021	53.3	0.0	N/A	55.7	0.0	0.0	0.0	0.0	0	1.4	19.0	
VMP-53	20	10/22/2021	54.3	0.2	N/A	52.7	0.0	0.0	0.0	0.0	0	1.3	19.8	
VMP-53	30	1/21/2021	51.6	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	2.1	19.5	
VMP-53	30	5/4/2021	51.1	0.0	N/A	58.2	0.0	2.1	0.0	0.0	0	1.9	19.0	
VMP-53	30	7/22/2021	51.3	0.0	N/A	56.3	0.0	0.0	0.0	0.0	0	2.0	18.1	
VMP-53	30	10/22/2021	54.4	0.0	N/A	54.4	0.0	0.0	0.0	0.0	0	2.6	18.3	

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1			Shroud	Tedlar® Bag 2						
Instrument			Dielectric			Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	
VMP-54	5	1/28/2021	56.2	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	1.8	18.9	
VMP-54	5	5/4/2021	54.0	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	3.0	17.9	
VMP-54	5	7/22/2021	50.5	0.0	N/A	56.2	0.0	0.0	0.0	0.0	0	4.8	14.8	
VMP-54	5	10/29/2021	52.2	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	3.2	17.0	
VMP-54	10	1/28/2021	64.0	0.0	N/A	53.8	0.0	0.0	0.0	0.0	0	2.2	18.4	
VMP-54	10	5/4/2021	54.2	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.0	20.9	
VMP-54	10	7/22/2021	55.2	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	3.4	15.8	
VMP-54	10	10/29/2021	52.9	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	3.8	17.0	
VMP-54	20	1/28/2021	66.6	0.0	N/A	52.6	0.0	0.0	0.0	0.0	0	3.0	16.9	
VMP-54	20	5/4/2021	52.4	0.0	N/A	55.4	0.0	0.0	0.0	0.0	0	2.3	17.8	
VMP-54	20	7/22/2021	56.8	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	2.6	16.1	
VMP-54	20	10/29/2021	52.3	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	4.0	15.4	
VMP-54	30	1/28/2021	66.6	0.0	N/A	52.2	0.7	0.0	0.0	0.0	0	0.5	19.7	
VMP-54	30	5/4/2021	60.2	0.9	N/A	86.5	0.6	0.0	0.0	0.0	0	1.8	18.5	
VMP-54	30	7/22/2021	57.2	0.0	N/A	57.8	0.0	0.0	0.0	0.0	0	4.7	14.5	
VMP-54	30	10/29/2021	52.1	0.0	N/A	55.3	0.0	0.0	0.0	0.0	0	1.0	18.1	
VMP-55 ^B	5	1/28/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-55 ^B	5	5/11/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-55 ^B	5	7/28/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-55 ^B	5	10/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-55 ^B	10	1/28/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-55 ^B	10	5/11/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-55 ^B	10	7/28/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-55 ^B	10	10/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-55	20	1/28/2021	60.9	0.0	N/A	53.3	0.2	22290	338	OVR	OVR	16.6	1.2	
VMP-55	20	5/11/2021	50.7	1.2	N/A	50.5	0.7	95930	781	25.1	OVR	16.3	0.7	
VMP-55	20	7/28/2021	52.8	0.0	N/A	51.6	0.0	169000	577	48.4	OVR	15.7	0.2	
VMP-55	20	10/27/2021	59.3	2.0	41.2	50.8	2.8	206000	353	56.8	OVR	16.0	0.5	
VMP-55 ^B	30	1/28/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-55 ^B	30	5/11/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-55 ^B	30	7/28/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-55 ^B	30	10/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-56	10	1/22/2021	49.9	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	0.1	20.7	
VMP-56	10	5/5/2021	52.6	0.0	N/A	53.4	0.0	0.0	0.0	0.0	0	0.2	20.2	
VMP-56	10	7/26/2021	50.6	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	1.3	19.0	
VMP-56	10	10/22/2021	51.3	0.0	N/A	58.6	0.0	0.0	0.0	0.0	0	0.8	20.0	
VMP-56	25	1/22/2021	50.5	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	0.2	20.6	
VMP-56	25	5/5/2021	51.9	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	0.2	20.2	
VMP-56	25	7/26/2021	50.9	0.0	N/A	54.5	0.0	0.0	0.0	0.0	0	1.3	18.9	
VMP-56	25	10/22/2021	63	0.1	N/A	58.5	0.0	0.0	0.0	0.0	0	0.5	20.2	
VMP-56 ^B	38.5	1/21/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-56 ^B	38.5	5/5/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-56 ^B	38.5	7/26/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-56 ^B	38.5	10/22/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-62	5	1/22/2021	54.6	0.0	N/A	53.6	0.0	0.0	0.0	0.0	0	1.3	19.2	
VMP-62	5	5/6/2021	63.3	0.2	N/A	55.5	0.1	0.0	0.0	0.0	0	1.9	17.9	
VMP-62	5	7/23/2021	55.6	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	5.4	15.0	
VMP-62	5	11/1/2021	50.8	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	3.1	18.5	
VMP-62	10	1/22/2021	50.6	0.0	N/A	54.0	0.0	0.0	0.0	0.0	0	2.0	19.4	
VMP-62	10	5/6/2021	66.2	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	1.7	18.6	
VMP-62	10	7/23/2021	53.3	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	4.3	16.0	
VMP-62	10	11/1/2021	51.7	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	3.7	18.3	
VMP-62 ^B	20	1/22/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-62	20	5/6/2021	66.0	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.6	18.7	
VMP-62	20	7/23/2021	56.2	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	3.8	16.1	
VMP-62	20	11/1/2021	54.7	0.0	N/A	52.7	0.0	0.0	0.0	0.0	0	3.7	18.5	
VMP-62	30	1/22/2021	52.0	1.2	N/A	54.9	1.1	0.0	0.0	0.0	0	1.9	19.2	
VMP-62	30	5/6/2021	51.7	0.0	N/A	53.9	0.0	0.0	0.0	0.0	0	1.2	18.9	
VMP-62	30	7/23/2021	60.4	0.0	N/A	50.4	0.1	0.0	0.0	0.0	0	1.4	18.5	
VMP-62	30	11/1/2021	50.7	0.0	N/A	58.6	0.0	0.0	0.0	0.0	0	2.7	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-63	5	1/29/2021	51.5	0.0	N/A	59.4	0.0	0.0	0.0	0.0	0	0.2	19.7
VMP-63	5	5/5/2021	51.5	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.6	20.4
VMP-63	5	7/26/2021	59.3	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	1.4	19.3
VMP-63	5	10/26/2021	50.6	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	0.6	20.9
VMP-63	10	1/29/2021	48.9	0.0	N/A	61.7	0.0	0.0	0.0	0.0	0	0.2	20.7
VMP-63	10	5/5/2021	54.4	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.3	20.6
VMP-63	10	7/26/2021	55.9	0.0	N/A	51.7	0.2	0.0	0.0	0.0	0	1.4	19.4
VMP-63	10	10/26/2021	65	0.0	N/A	51.0	0.0	0.0	0.0	0.0	0	0.8	20.7
VMP-63	20	1/29/2021	52.4	0.0	N/A	59.8	0.0	0.0	0.0	0.0	0	0.7	20.3
VMP-63	20	5/5/2021	55.7	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	0.6	20.4
VMP-63	20	7/26/2021	51.4	0.0	N/A	53.7	0.0	0.0	0.0	0.0	0	1.5	19.2
VMP-63	20	10/26/2021	57.4	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	1.6	20.2
VMP-63	30	1/29/2021	52.3	0.0	N/A	58.7	0.0	0.0	0.0	0.0	0	1.2	19.7
VMP-63	30	5/5/2021	51.8	0.0	N/A	53.3	0.0	0.0	0.0	0.0	0	0.9	20.0
VMP-63	30	7/26/2021	53.6	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	1.3	19.0
VMP-63	30	10/26/2021	61.9	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	0.2	20.9
VMP-64	5	1/22/2021	65.2	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	0.4	20.6
VMP-64	5	5/6/2021	51.6	2.1	N/A	53.3	3.0	0.0	0.0	0.0	0	0.2	20.0
VMP-64	5	7/30/2021	53.4	0.0	N/A	55.7	0.0	0.0	0.0	0.0	0	2.6	16.9
VMP-64	5	11/1/2021	67.9	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	1.3	20.4
VMP-64	10	1/22/2021	51.7	0.0	N/A	56.2	0.0	0.0	0.0	0.0	0	2.6	19.0
VMP-64	10	5/6/2021	58.0	0.8	N/A	58.1	0.0	0.0	0.0	0.0	0	1.7	18.8
VMP-64	10	7/30/2021	52.3	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	3.7	14.4
VMP-64	10	11/1/2021	52.4	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	4.8	16.7
VMP-64	20	1/22/2021	55.1	0.0	N/A	52.7	0.0	0.0	0.0	0.0	0	3.8	17.7
VMP-64	20	5/6/2021	51.9	0.0	N/A	59.9	0.2	0.0	0.0	0.0	0	2.3	18.1
VMP-64	20	7/30/2021	58.7	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	3.0	16.1
VMP-64	20	11/1/2021	50.3	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	4.8	16.0
VMP-64 ⁸	28	1/22/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-64 ⁸	28	5/6/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-64 ⁸	28	7/30/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-64 ⁸	28	11/1/2021	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 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.
- Negative readings on the FID are recorded as zero.
- VMP not sampled 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 not sampled because vehicle was consistently parked on well vault.
- VMP re-sampled due to anomalous results in the initial sample.

**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
Dichlorodifluoromethane (Freon 12)	270	1,700
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 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 (Freon 11)	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	Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			Carbon tetrachloride			Chlorobenzene			Chloroform		
				0.37			450000			11			6.9						0.21			69			0.11		
				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-1	5 ft	VMP-1-5-012921	1/29/2021	<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.011	U		<0.0072	U		<0.0053	U		<0.0056	U	
		VMP-1-5-050521	5/5/2021	0.00056	J		<0.0073	U		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.005	U		<0.0053	U	
		VMP-1-5-072621	7/26/2021	0.00075	J		<0.0073	U		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.005	U		0.0017	J	
		VMP-1-5-102621	10/26/2021	<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.011	U		<0.0072	U		<0.0053	U		0.0055	J	
	8.5 ft	VMP-1-8.5-012921	1/29/2021	<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.0075	U		<0.0055	U		<0.0058	U	
		VMP-1-8.5-050521	5/5/2021	<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.01	U		<0.0069	U		<0.005	U		<0.0053	U	
		VMP-1-8.5-072621	7/26/2021	0.0019	J		<0.0077	U		<0.012	U		0.0073	J		<0.011	U		<0.0073	U		<0.0053	U		0.002	J	
		VMP-1-8.5-102621	10/26/2021	<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		<0.008	U		<0.0058	U		0.0058	J	
	23.5 ft	VMP-1-23.5-012921	1/29/2021	<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.0081	U		<0.0059	U		<0.0063	U	
		VMP-1-23.5-012921-DUP	1/29/2021	<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.0083	U		<0.0061	U		<0.0064	U	
		VMP-1-23.5-072621	7/26/2021	0.0012	J		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.0073	U		<0.0054	U		0.0013	J	
		VMP-1-23.5-102621	10/26/2021	<0.004	U		<0.0085	U		<0.013	U		<0.049	U		0.016			<0.008	U		<0.0058	U		0.0056	J	
38.5 ft	VMP-1-38.5-012921	1/29/2021	<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.0073	U		<0.0054	U		<0.0057	U		
	VMP-1-38.5-050521	5/5/2021	<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		<0.007	U		<0.0051	U		<0.0054	U		
	VMP-1-38.5-072621	7/26/2021	0.0016	J		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		<0.0074	U		<0.0054	U		0.0014	J		
	VMP-1-38.5-102621	10/26/2021	<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.0078	U		<0.0057	U		0.005	J		
VMP-2	5 ft	VMP-2-5-012521	1/25/2021	<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.0081	U		<0.0059	U		<0.0063	U	
		VMP-2-5-050721	5/7/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		0.0016	J		<0.0046	U		<0.0049	U	
		VMP-2-5-072921	7/29/2021	0.0017	J		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.0049	U		<0.0052	U	
		VMP-2-5-102521	10/25/2021	<0.0034	U		<0.007	U		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		<0.0051	U	
	8.5 ft	VMP-2-8.5-012521	1/25/2021	0.00094	J		<0.0086	U		<0.013	U		<0.05	U		0.011	J		<0.0081	U		<0.0059	U		<0.0063	U	
		VMP-2-8.5-050721	5/7/2021	<0.0033	U		<0.0069	U		<0.011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0047	U		0.001	J	
		VMP-2-8.5-072921	7/29/2021	<0.0039	U		0.0079	J		<0.013	U		<0.048	U		<0.012	U		<0.0077	U		<0.0056	U		0.016		
		VMP-2-8.5-102521	10/25/2021	0.0016	J		0.0026	J		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.005	U		0.0049	J	
	22 ft	VMP-2-22-012521	1/25/2021	<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.0079	U		<0.0058	U		0.0025	J	
		VMP-2-22-050721	5/7/2021	<0.0034	U		0.0012	J		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		0.0047	J	
VMP-2-22-072921		7/29/2021	<0.0037	U		0.012			<0.012	U		<0.045	U		<0.011	U		<0.0073	U		<0.0054	U		0.023			
VMP-2-22-102521		10/25/2021	<0.0034	U		0.0058	J		<0.011	U		<0.041	U		<0.01	U		<0.0067	U		<0.0049	U		0.012			
VMP-3	5 ft	VMP-3-5-012521	1/25/2021	<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.0085	U		<0.0062	U		<0.0066	U	
		VMP-3-5-051021	5/10/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0047	U		<0.005	U	
		VMP-3-5-072721	7/27/2021	<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		<0.0074	U		<0.0054	U		0.014		
		VMP-3-5-102721	10/27/2021	0.0021	J		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0047	U		<0.005	U	
	10 ft	VMP-3-10-051021	5/10/2021	<0.0032	U		0.0019	J		<0.01	U		<0.038	U		<0.0094	U		0.00061	J		<0.0046	U		0.0057		
		VMP-3-10-072721	7/27/2021	<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		<0.007	U		<0.0052	U		0.0092		
		VMP-3-10-102721	10/27/2021	<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U	
		VMP-3-22-012521	1/25/2021	<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.0079	U		<0.0058	U		0.0019	J	
	22 ft	VMP-3-22-051021	5/10/2021	<0.0032	U		<0.0066	U		<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0046	U		0.0012	J	
		VMP-3-22-051021-DUP	5/10/2021	0.0012	J		<0.0067	U		<0.01	U		<0.039	U		<0.0095	U		<0.0063	U		<0.0046	U		0.0012	J	
		VMP-3-22-072721	7/27/2021	<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.0073	U		<0.0053	U		0.0046	J	
		VMP-3-22-102721	10/27/2021	<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.005	U		0.0065		
31.5 ft	VMP-3-31.5-012521	1/25/2021	<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.0081	U		<0.0059	U		<0.0063	U		
	VMP-3-31.5-051021	5/10/2021	0.0011	J		<0.0066	U		<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0046	U		<0.0048	U		
	VMP-3-31.5-072721	7/27/2021	0.19	J		<1.9	U		<2.9	U		<4.4	U		680			<1.8	U		<1.3	U		<1.4	U		
	VMP-3-31.5-102721	10/27/2021	<0.0033	U		<0.007	U		<0.011	U		<0.04	U		<0.0099	U		<0.0065	U		<0.0048	U		<0.0051	U		

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			Carbon tetrachloride			Chlorobenzene			Chloroform		
				0.37			450000			11			6.9						0.21			69			0.11		
				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-4	5 ft	VMP-4-5-012821	1/28/2021	<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.011	U		<0.0071	U		<0.0052	U		<0.0055	U	
		VMP-4-5-050521	5/5/2021	0.00055	J		<0.007	U		<0.011	U		<0.04	U		<0.0099	U		<0.0066	U		<0.0048	U		<0.0051	U	
		VMP-4-5-072921	7/29/2021	<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		<0.007	U		<0.0051	U		0.00067	J	
		VMP-4-5-102521	10/25/2021	<0.0031	U		<0.0064	U		<0.0099	U		<0.037	U		<0.0091	U		<0.006	U		<0.0044	U		<0.0047	U	
	12 ft	VMP-4-12-012821	1/28/2021	<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		<0.007	U		<0.0051	U		<0.0054	U	
		VMP-4-12-050521	5/5/2021	0.002	J		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		<0.007	U		<0.0052	U		<0.0055	U	
		VMP-4-12-072921	7/29/2021	<0.0033	U		<0.0069	U		<0.011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0048	U		0.0044	J	
	23.5 ft	VMP-4-12-102521	10/25/2021	<0.0033	U		<0.0069	U		<0.011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0047	U		0.0042	J	
		VMP-4-23.5-012821	1/28/2021	<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.0075	U		<0.0055	U		<0.0058	U	
		VMP-4-23.5-050521	5/5/2021	0.00071	J		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		<0.007	U		<0.0052	U		<0.0055	U	
VMP-5	5 ft	VMP-4-23.5-072921	7/29/2021	<0.0033	U		<0.007	U		<0.011	U		<0.04	U		<0.0099	U		<0.0066	U		<0.0048	U		<0.0051	U	
		VMP-4-23.5-102521	10/25/2021	<0.0032	U		<0.0067	U		<0.01	U		<0.039	U		<0.0095	U		<0.0063	U		<0.0046	U		0.0089		
		VMP-5-5-012221	1/22/2021	<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.0079	U		<0.0058	U		<0.0061	U	
		VMP-5-5-050621	5/6/2021	<0.0032	U		<0.0066	U		<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0046	U		<0.0048	U	
	12.5 ft	VMP-5-5-072821	7/28/2021	<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.011	U		<0.0073	U		<0.0053	U		<0.0056	U	
		VMP-5-5-102521	10/25/2021	<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U	
		VMP-5-12.5-012221	1/22/2021	0.00042	J		<0.0097	U		<0.015	U		<0.056	U		<0.014	U		<0.0091	U		<0.0066	U		0.00069	J	
		VMP-5-12.5-050621	5/6/2021	<0.0033	U		<0.0069	U		<0.011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0047	U		<0.005	U	
		VMP-5-12.5-050621-DUP	5/6/2021	<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U	
		VMP-5-12.5-072821	7/28/2021	<0.0036	U		<0.0077	U		<0.012	U		0.0023	J		<0.011	U		<0.0072	U		<0.0053	U		0.0015	J	
VMP-5-12.5-072821-DUP		7/28/2021	<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.0073	U		<0.0054	U		0.0014	J		
31 ft	VMP-5-12.5-102521	10/25/2021	<0.0033	U		<0.007	U		<0.011	U		<0.04	U		<0.0099	U		<0.0065	U		<0.0048	U		<0.0051	U		
	VMP-5-12.5-102521-DUP	10/25/2021	<0.0034	U		<0.007	U		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		<0.0051	U		
	VMP-5-31-012221	1/22/2021	0.00041	J		<0.0082	U		0.0014	J		<0.048	U		<0.012	U		<0.0077	U		<0.0056	U		0.0028	J		
	VMP-5-31-050621	5/6/2021	0.0018	J		<0.0068	U		<0.01	U		<0.039	U		0.0043	J		<0.0064	U		<0.0046	U		0.002	J		
VMP-6	5 ft	VMP-5-31-072821	7/28/2021	0.0017	J		<0.0079	U		<0.012	U		0.0024	J		0.02			<0.0074	U		<0.0054	U		0.0022	J	
		VMP-5-31-102521	10/25/2021	<0.0033	U		<0.007	U		<0.011	U		<0.04	U		<0.0099	U		<0.0066	U		<0.0048	U		0.0036	J	
		VMP-6-5-012921	1/29/2021	<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		<0.0077	U		<0.0056	U		<0.006	U	
		VMP-6-5-050621	5/6/2021	0.00053	J		<0.0073	U		<0.011	U		<0.042	U		<0.01	U		<0.0069	U		<0.005	U		<0.0053	U	
	10 ft	VMP-6-5-072921	7/29/2021	0.00096	J		<0.0075	U		<0.012	U		<0.044	U		<0.011	U		<0.0071	U		<0.0052	U		0.00057	J	
		VMP-6-5-102521	10/25/2021	<0.0033	U		<0.007	U		<0.011	U		<0.04	U		<0.0099	U		<0.0065	U		<0.0048	U		<0.0051	U	
		VMP-6-10-050621	5/6/2021	<0.0034	U		<0.007	U		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		0.0025	J	
		VMP-6-10-072921	7/29/2021	<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.011	U		<0.0072	U		<0.0053	U		0.004	J	
		VMP-6-10-102521	10/25/2021	<0.0033	U		<0.0069	U		<0.011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0048	U		0.0031	J	
		31.5 ft	VMP-6-31.5-012921	1/29/2021	<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.0079	U		<0.0058	U		0.0038	J
VMP-6-31.5-012921-DUP	1/29/2021		0.001	J		<0.0092	U		<0.014	U		<0.054	U		<0.013	U		<0.0087	U		<0.0064	U		0.00078	J		
VMP-6-31.5-050621	5/6/2021		<0.0034	U		<0.007	U		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		0.0029	J		
VMP-6-31.5-072921	7/29/2021		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.005	U		0.0031	J		
VMP-6-31.5-072921-DUP	7/29/2021		<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.01	U		<0.0067	U		<0.0049	U		0.003	J		
39 ft	VMP-6-31.5-102521	10/25/2021	<0.003	U		<0.0064	U		<0.0098	U		<0.037	U		<0.009	U		<0.006	U		<0.0044	U		0.0055			
	VMP-6-39-102521	10/25/2021	<0.0032	U		<0.0066	U		<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0046	U		<0.0048	U		

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			Carbon tetrachloride			Chlorobenzene			Chloroform				
				0.37			450000			11			6.9			0.21			69			0.11							
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals
VMP-7	5 ft	VMP-7-5-012621	1/26/2021	<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.0079	U		<0.0058	U		<0.0062	U			
		VMP-7-5-050521	5/5/2021	<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		<0.007	U		<0.0051	U		<0.0054	U			
		VMP-7-5-072621	7/26/2021	0.00047	J		<0.007	U		<0.011	U		<0.04	U		<0.0099	U		<0.0065	U		<0.0048	U		0.0058				
		VMP-7-5-102721	10/27/2021	0.0012	J		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		<0.0049	U			
	13.5 ft	VMP-7-13.5-012621	1/26/2021	0.00099	J		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.0078	U		<0.0057	U		0.00091	J			
		VMP-7-13.5-050521	5/5/2021	0.00093	J		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.005	U		0.0019	J			
		VMP-7-13.5-072621	7/26/2021	0.0025	J		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		<0.008	U		<0.0058	U		0.0056	J			
	29.5 ft	VMP-7-13.5-102721	10/27/2021	<0.0032	U		<0.0067	U		<0.01	U		<0.039	U		<0.0095	U		<0.0063	U		<0.0046	U		0.0031	J			
		VMP-7-29.5-012621	1/26/2021	<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.0078	U		<0.0057	U		0.0035	J			
		VMP-7-29.5-050521	5/5/2021	0.00049	J		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0047	U		0.0018	J			
VMP-7-29.5-072621		7/26/2021	0.0032	J		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		<0.007	U		<0.0051	U		0.0016	J				
VMP-8	5 ft	VMP-7-29.5-102721	10/27/2021	<0.0031	U		<0.0065	U		<0.01	U		<0.038	U		<0.0092	U		<0.0061	U		<0.0045	U		0.0021	J			
		VMP-7-29.5-102721-DUP	10/27/2021	<0.0032	U		<0.0066	U		<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0046	U		0.002	J			
		VMP-8-5-012121	1/21/2021	<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.0077	U		<0.0057	U		0.00037	J			
		VMP-8-5-050421	5/4/2021	<0.0029	U		<0.0061	U		<0.0094	U		<0.036	U		<0.0087	U		<0.0058	U		<0.0042	U		0.00048	J			
	9.5 ft	VMP-8-5-072221	7/22/2021	0.0034	J		<0.0076	U		<0.012	U		<0.044	U		<0.011	U		<0.0072	U		<0.0052	U		0.0026	J			
		VMP-8-5-102921	10/29/2021	<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		<0.007	U		<0.0052	U		<0.0055	U			
		VMP-8-9.5-012121	1/21/2021	0.0011	J		<0.0083	U		<0.013	U		<0.048	U		0.013			<0.0078	U		<0.0057	U		<0.006	U			
		VMP-8-9.5-050421	5/4/2021	<0.0032	U		<0.0066	U		<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0046	U		0.00056	J			
		VMP-8-9.5-072221	7/22/2021	<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		<0.007	U		<0.0051	U		0.0036	J			
		VMP-8-23.5-012121	1/21/2021	0.001	J		<0.0089	U		<0.014	U		<0.052	U		<0.013	U		<0.0084	U		<0.0061	U		<0.0065	U			
23.5 ft	VMP-8-23.5-050421	5/4/2021	<0.003	U		<0.0063	U		<0.0097	U		<0.036	U		<0.0089	U		<0.0059	U		<0.0043	U		<0.0046	U				
	VMP-8-23.5-072221	7/22/2021	<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.011	U		<0.0071	U		<0.0052	U		0.0014	J				
35.5 ft	VMP-8-23.5-072221-DUP	7/22/2021	<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.011	U		<0.0072	U		<0.0053	U		0.0016	J				
	VMP-8-35.5-012121	1/21/2021	<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.0079	U		<0.0058	U		<0.0062	U				
	VMP-8-35.5-050421	5/4/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		<0.0049	U				
	VMP-8-35.5-072221	7/22/2021	<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		0.0075					
VMP-9	5 ft	VMP-9-5-012121	1/21/2021	0.00051	J		<0.0083	U		<0.013	U		<0.048	U		0.0072	J		<0.0078	U		<0.0057	U		0.00051	J			
		VMP-9-5-050421	5/4/2021	<0.0034	U		<0.007	U		<0.011	U		<0.041	U		<0.01	U		0.00074	J		<0.0048	U		<0.0051	U			
		VMP-9-5-072221	7/22/2021	0.00072	J		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U			
		VMP-9-5-072221-DUP	7/22/2021	<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U			
	11.5 ft	VMP-9-5-102221	10/22/2021	<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.005	U		0.0029	J			
		VMP-9-11.5-012121	1/21/2021	<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		0.0046	J		<0.0082	U		<0.006	U		0.002	J			
		VMP-9-11.5-050421	5/4/2021	0.00067	J		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U			
		VMP-9-11.5-072221	7/22/2021	0.0027	J		<0.007	U		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		0.0026	J			
	25.5 ft	VMP-9-11.5-102221	10/22/2021	<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		0.0047	J			
		VMP-9-25.5-012121	1/21/2021	<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.0079	U		<0.0058	U		0.0079				
		VMP-9-25.5-050421	5/4/2021	<0.0033	U		<0.0069	U		<0.011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0047	U		0.0048	J			
		VMP-9-25.5-072221	7/22/2021	0.0027	J		<0.0075	U		<0.012	U		<0.044	U		<0.011	U		<0.0071	U		<0.0052	U		0.0028	J			
38.5 ft	VMP-9-25.5-102221	10/22/2021	<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0067	U		<0.0049	U		0.0034	J				
	VMP-9-38.5-012121	1/21/2021	<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.0082	U		<0.006	U		0.014					
	VMP-9-38.5-012121-DUP	1/21/2021	0.002	J		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.0081	U		<0.006	U		0.014					
	VMP-9-38.5-102221	10/22/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		0.0064					
VMP-18	8.5 ft	VMP-18-8.5-012621	1/26/2021	<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.0081	U		<0.0059	U		<0.0063	U			
		VMP-18-8.5-072221	7/22/2021	<0.0038	U		<0.0079	U																					

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			Carbon tetrachloride			Chlorobenzene			Chloroform						
				0.37			450000			11			6.9						0.21			69			0.11						
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	
VMP-20	5 ft	VMP-20-5-012521	1/25/2021	<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.0073	U		<0.0054	U		<0.0057	U					
		VMP-20-5-050721	5/7/2021	<0.0032	U		<0.0066	U		<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0046	U		0.00078	J					
		VMP-20-5-072721	7/27/2021	<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.0073	U		<0.0053	U		<0.0057	U					
		VMP-20-5-110121	11/1/2021	<0.0033	U		<0.0069	U		<0.011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0048	U		<0.005	U					
	10 ft	VMP-20-10-012521	1/25/2021	<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.0075	U		<0.0055	U		<0.0058	U					
		VMP-20-10-050721	5/7/2021	<0.003	U		<0.0064	U		<0.0098	U		<0.037	U		<0.009	U		<0.006	U		<0.0044	U		0.00063	J					
		VMP-20-10-072721	7/27/2021	<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0067	U		<0.0049	U		0.0011	J					
		VMP-20-10-072721-DUP	7/27/2021	<0.0034	U		<0.007	U		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		0.0014	J					
	25 ft	VMP-20-10-110121	11/1/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		<0.0049	U					
		VMP-20-25-012521	1/25/2021	<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.0076	U		<0.0056	U		<0.0059	U					
		VMP-20-25-050721	5/7/2021	<0.0031	U		<0.0065	U		<0.01	U		<0.038	U		<0.0092	U		<0.0061	U		<0.0045	U		<0.0047	U					
		VMP-20-25-050721-DUP	5/7/2021	<0.003	U		<0.0064	U		<0.0098	U		<0.037	U		<0.009	U		<0.006	U		<0.0044	U		<0.0046	U					
25 ft	VMP-20-25-072721	7/27/2021	<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.0049	U		<0.0052	U						
	VMP-20-25-110121	11/1/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0047	U		<0.005	U						
	VMP-20-25-072721	7/27/2021	<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.0049	U		<0.0052	U						
	VMP-20-25-110121	11/1/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0047	U		<0.005	U						
VMP-21	5 ft	VMP-21-5-012521	1/25/2021	<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.0081	U		<0.0059	U		<0.0063	U					
		VMP-21-5-050321	5/3/2021	<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.005	U		<0.0053	U					
		VMP-21-5-072921	7/29/2021	<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		<0.0052	U					
		VMP-21-5-102521	10/25/2021	<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		<0.0052	U					
	10 ft	VMP-21-10-012521	1/25/2021	<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.0083	U		<0.0061	U		<0.0064	U					
		VMP-21-10-012521-DUP	1/25/2021	<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.0081	U		<0.0059	U		<0.0063	U					
		VMP-21-10-050321	5/3/2021	<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.0049	U		<0.0052	U					
		VMP-21-10-060321-R	6/3/2021	0.0031	J		<0.0075	U		<0.012	U		<0.043	U		0.0013	J		<0.007	U		<0.0052	U		<0.0055	U					
	25 ft	VMP-21-10-072921	7/29/2021	<0.0033	U		<0.0069	U		<0.01	U		<0.04	U		<0.0097	U		<0.0064	U		<0.0047	U		<0.005	U					
		VMP-21-10-102521	10/25/2021	<0.0033	U		<0.007	U		<0.011	U		<0.04	U		<0.0099	U		<0.0065	U		<0.0048	U		<0.0051	U					
		VMP-21-25-012521	1/25/2021	0.0012	J		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.0079	U		<0.0058	U		<0.0062	U					
		VMP-21-25-050321	5/3/2021	<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.011	U		<0.0071	U		<0.0052	U		<0.0055	U					
	25 ft	VMP-21-25-050321-DUP	5/3/2021	<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.005	U		<0.0053	U					
		VMP-21-25-072921	7/29/2021	<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.0049	U		0.0011	J					
		VMP-21-25-102521	10/25/2021	<0.0034	U		<0.007	U		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		<0.0051	U					
		VMP-21-25-072921	7/29/2021	<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.0049	U		0.0011	J					
	33 ft	VMP-21-33-012521	1/25/2021	<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.0076	U		<0.0056	U		<0.0059	U					
		VMP-21-33-050321	5/3/2021	<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.011	U		<0.0072	U		<0.0053	U		<0.0056	U					
		VMP-21-33-072921	7/29/2021	0.0012	J		<0.0071	U		<0.011	U		<0.041	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U					
		VMP-21-33-102521	10/25/2021	<0.0031	U		<0.0065	U		<0.01	U		<0.038	U		<0.0092	U		<0.0061	U		<0.0045	U		<0.0047	U					
33 ft	VMP-21-33-102521-DUP	10/25/2021	<0.003	U		<0.0063	U		<0.0098	U		<0.037	U		<0.009	U		<0.0059	U		<0.0044	U		<0.0046	U						
	VMP-22-5-012621	1/26/2021	<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.013	U		<0.0086	U		<0.0063	U		<0.0066	U						
	VMP-22-5-050321	5/3/2021	<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.0073	U		<0.0054	U		<0.0057	U						
	VMP-22-5-072321	7/23/2021	0.00053	J		<0.007	U		<0.011	U		<0.04	U		<0.0099	U		<0.0066	U		<0.0048	U		0.0017	J						
VMP-22	5 ft	VMP-22-5-072321-DUP	7/23/2021	<0.0033	U		<0.007	U		<0.011	U		<0.04	U		<0.0099	U		<0.0066	U		<0.0048	U		0.0019	J					
		VMP-22-5-110121	11/1/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		<0.0049	U					
	10 ft	VMP-22-10-012621	1/26/2021	0.00054	J		<0.0086	U		<0.013	U		<0.05	U		0.0084	J		<0.008	U		<0.0059	U		<0.0062	U					
		VMP-22-10-050321	5/3/2021	<0.0036	U																										

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			Carbon tetrachloride			Chlorobenzene			Chloroform			
				0.37			450000			11			6.9						0.21			69			0.11			
				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	Result (mg/m³)
VMP-23	5 ft	VMP-23-5-012121	1/21/2021	<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.0083	U		<0.0061	U		0.00045	J		
		VMP-23-5-050721	5/7/2021	<0.0034	U		0.0011	J		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		0.0029	J		
		VMP-23-5-072821	7/28/2021	<0.0034	U		<0.0071	U		<0.011	U		0.0054	J		<0.01	U		<0.0067	U		<0.0049	U		0.0016	J		
		VMP-23-5-102521	10/25/2021	0.003	J		<0.0068	U		<0.01	U		<0.04	U		<0.0097	U		<0.0064	U		<0.0047	U		<0.005	U		
	10 ft	VMP-23-10-012121	1/21/2021	<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.0081	U		<0.0059	U		0.0029	J		
		VMP-23-10-072821	7/28/2021	<0.0037	U		0.002	J		<0.012	U		0.0028	J		<0.011	U		<0.0074	U		<0.0054	U		0.0062	J		
		VMP-23-10-072821-DUP	7/28/2021	<0.0034	U		0.0017	J		<0.011	U		0.0032	J		<0.01	U		<0.0067	U		<0.0049	U		0.006	J		
	25 ft	VMP-23-10-102521	10/25/2021	<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.011	U		<0.0072	U		<0.0052	U		<0.0056	U		
		VMP-23-25-012121	1/21/2021	<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		<0.008	U		<0.0058	U		0.0023	J		
VMP-23-25-050721		5/7/2021	<0.0031	U		0.0013	J		<0.01	U		<0.038	U		<0.0092	U		<0.0061	U		<0.0045	U		0.007	J			
VMP-23-25-072821		7/28/2021	0.00084	J		0.0016	J		<0.012	U		<0.045	U		<0.011	U		<0.0073	U		<0.0054	U		0.005	J			
VMP-24	5 ft	VMP-24-5-012121	1/21/2021	0.00036	J		<0.0081	U		<0.012	U		<0.047	U		<0.011	U		<0.0076	U		<0.0055	U		<0.0059	U		
		VMP-24-5-051121	5/11/2021	<0.0031	U		<0.0064	U		<0.0099	U		<0.037	U		<0.0091	U		<0.006	U		<0.0044	U		<0.0047	U		
		VMP-24-5-072221	7/22/2021	<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.0081	U		<0.0059	U		0.0016	J		
		VMP-24-5-102221	10/22/2021	<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U		
	10 ft	VMP-24-10-022521	2/25/2021	<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		0.0044	J		<0.0078	U		<0.0057	U		<0.006	U		
		VMP-24-10-051121	5/11/2021	<0.0028	U		<0.006	U		<0.0092	U		<0.034	U		<0.0085	U		<0.0056	U		<0.0041	U		<0.0043	U		
		VMP-24-10-051121-DUP	5/11/2021	<0.0029	U		<0.0061	U		<0.0094	U		<0.035	U		<0.0086	U		<0.0057	U		<0.0042	U		<0.0044	U		
		VMP-24-10-072221	7/22/2021	<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.01	U		<0.0069	U		<0.005	U		0.0012	J		
		VMP-24-10-102221	10/22/2021	<0.0031	U		<0.0065	U		<0.01	U		<0.038	U		<0.0092	U		<0.0061	U		<0.0045	U		<0.0047	U		
	22 ft	VMP-24-10-102221-DUP	10/22/2021	<0.0032	U		<0.0067	U		<0.01	U		<0.039	U		<0.0095	U		<0.0063	U		<0.0046	U		<0.0048	U		
		VMP-24-22-012121	1/21/2021	0.00038	J		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.0075	U		<0.0055	U		<0.0058	U		
		VMP-24-22-051121	5/11/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		0.0027	J		
		VMP-24-22-072221	7/22/2021	<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0067	U		<0.0049	U		0.0048	J		
		VMP-24-22-102221	10/22/2021	0.0028	J		<0.007	U		<0.011	U		<0.04	U		<0.0099	U		<0.0066	U		<0.0048	U		<0.0051	U		
	34 ft	VMP-24-34-012121	1/21/2021	0.00038	J		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.0085	U		<0.0062	U		<0.0066	U		
VMP-24-34-051121		5/11/2021	<0.0032	U		<0.0067	U		<0.01	U		<0.039	U		<0.0095	U		<0.0063	U		<0.0046	U		<0.0048	U			
VMP-24-34-072221		7/22/2021	0.00043	J		<0.0067	U		<0.01	U		<0.039	U		<0.0095	U		<0.0063	U		<0.0046	U		<0.0048	U			
VMP-32	5 ft	VMP-24-34-102221	10/22/2021	<0.0033	U		<0.0069	U		<0.011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0048	U		<0.005	U		
		VMP-32-5-012621	1/26/2021	0.00034	J		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.0079	U		<0.0058	U		0.00041	J		
		VMP-32-5-051221	5/12/2021	<0.0032	U		<0.0066	U		<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0046	U		<0.0048	U		
		VMP-32-5-072321	7/23/2021	0.001	J		<0.0073	U		<0.011	U		<0.042	U		<0.01	U		<0.0069	U		<0.005	U		0.00056	J		
	10 ft	VMP-32-5-072321-DUP	7/23/2021	0.0013	J		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		<0.007	U		<0.0052	U		<0.0055	U		
		VMP-32-5-110121	11/1/2021	<0.0032	U		<0.0067	U		<0.01	U		<0.039	U		<0.0096	U		<0.0063	U		<0.0046	U		<0.0049	U		
		VMP-32-10-012621	1/26/2021	<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.0079	U		<0.0058	U		<0.0062	U		
		VMP-32-10-051221	5/12/2021	<0.0034	U		<0.007	U		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		<0.0051	U		
		VMP-32-10-051221-DUP	5/12/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		<0.0049	U		
	20 ft	VMP-32-10-072321	7/23/2021	<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		<0.007	U		<0.0052	U		<0.0055	U		
		VMP-32-10-110121	11/1/2021	<0.0031	U		<0.0065	U		<0.01	U		<0.038	U		<0.0092	U		<0.0061	U		<0.0045	U		<0.0047	U		
		VMP-32-20-012621	1/26/2021	0.0006	J		<0.009	U		<0.014	U		<0.052	U		0.0091	J		<0.0085	U		<0.0062	U		<0.0066	U		
30 ft	VMP-32-20-012621-DUP	1/26/2021	0.0006	J		<0.0087	U		<0.013	U		<0.05	U		0.01	J		<0.0081	U		<0.006	U		<0.0063	U			
	VMP-32-20-072321	7/23/2021	<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.011	U		<0.0072	U		<0.0053	U		<0.0056	U			
	VMP-32-20-110121	11/1/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.04	U		<0.0097	U		<0.0064	U		<0.0047	U		<0.005	U			
30 ft	VMP-32-30-012621	1/26/2021	0.00041	J		<0.0085	U		<0.013	U		<0.049	U		0.0096	J		<0.008	U		<0.0058	U		<0.0062	U			
	VMP-32-30-072321	7/23/2021	0.003	J		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		<0.007	U		<0.0052	U		<0.0055	U			
		VMP-32-30-110121	11/1/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.039															

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			Carbon tetrachloride			Chlorobenzene			Chloroform				
				0.37			450000			11			6.9						0.21			69			0.11				
				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	Result (mg/m³)	Lab Quals
VMP-42	10 ft	VMP-42-10-012921	1/29/2021	0.025			<0.0085	U		<0.013	U		<0.05	U		0.058			<0.008	U		<0.0059	U		<0.0062	U			
		VMP-42-10-050521	5/5/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0047	U		<0.005	U			
		VMP-42-10-072621	7/26/2021	<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.011	U		<0.0071	U		<0.0052	U		0.0067				
		VMP-42-10-102621	10/26/2021	<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.0079	U		<0.0058	U		<0.0061	U			
	20 ft	VMP-42-20-012921	1/29/2021	<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.0082	U		<0.006	U		0.0037	J			
		VMP-42-20-050521	5/5/2021	<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.011	U		<0.0072	U		<0.0052	U		<0.0056	U			
		VMP-42-20-072621	7/26/2021	0.00033	J		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		<0.0069	U		<0.0051	U		0.0025	J			
		VMP-42-20-102621	10/26/2021	<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.005	U		0.0047	J			
	30 ft	VMP-42-30-012921	1/29/2021	<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		<0.008	U		<0.0058	U		0.0067				
		VMP-42-30-050521	5/5/2021	<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.011	U		<0.0072	U		<0.0052	U		0.00095	J			
		VMP-42-30-072621	7/26/2021	<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		<0.007	U		<0.0052	U		0.0014	J			
		VMP-42-30-102621	10/26/2021	<0.0031	U		<0.0066	U		<0.01	U		<0.038	U		<0.0093	U		<0.0062	U		<0.0045	U		0.0025	J			
VMP-42-30-102621-DUP	10/26/2021	<0.003	U		<0.0063	U		<0.0098	U		<0.037	U		<0.009	U		<0.0059	U		<0.0044	U		0.0025	J					
VMP-43	10 ft	VMP-43-10-012621	1/26/2021	<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.0076	U		<0.0056	U		<0.0059	U			
		VMP-43-10-050521	5/5/2021	0.0014	J		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		<0.007	U		<0.0051	U		<0.0054	U			
		VMP-43-10-072621	7/26/2021	<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.011	U		<0.0072	U		<0.0052	U		0.00094	J			
		VMP-43-10-072621-DUP	7/26/2021	0.00056	J		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		<0.007	U		<0.0051	U		0.001	J			
		VMP-43-10-102621	10/26/2021	<0.0033	U		<0.007	U		<0.011	U		<0.04	U		<0.0099	U		<0.0065	U		<0.0048	U		<0.0051	U			
	20 ft	VMP-43-20-012621	1/26/2021	<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.0076	U		<0.0056	U		<0.0059	U			
		VMP-43-20-050521	5/5/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.04	U		<0.0097	U		<0.0064	U		<0.0047	U		<0.005	U			
		VMP-43-20-072621	7/26/2021	0.0025	J		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.0073	U		<0.0053	U		0.0013	J			
		VMP-43-20-102621	10/26/2021	<0.0032	U		<0.0067	U		<0.01	U		<0.039	U		<0.0096	U		<0.0063	U		<0.0046	U		<0.0049	U			
	30 ft	VMP-43-30-022521	2/25/2021	<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.0078	U		<0.0057	U		<0.006	U			
		VMP-43-30-050521	5/5/2021	0.00094	J		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		<0.007	U		<0.0051	U		0.0064				
		VMP-43-30-072621	7/26/2021	0.00073	J		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		<0.007	U		<0.0051	U		<0.0054	U			
VMP-43-30-102621	10/26/2021	<0.0033	U		<0.0069	U		<0.01	U		<0.04	U		<0.0097	U		<0.0064	U		<0.0047	U		<0.005	U					
VMP-45	10 ft	VMP-45-10-012621	1/26/2021	<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.0076	U		<0.0056	U		<0.0059	U			
		VMP-45-10-060321	6/3/2021	<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		<0.007	U		<0.0051	U		0.0025	J			
		VMP-45-10-072621	7/26/2021	0.00035	J		<0.0073	U		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.005	U		0.007				
		VMP-45-10-102721	10/27/2021	<0.0032	U		<0.0067	U		<0.01	U		<0.039	U		<0.0095	U		<0.0063	U		<0.0046	U		<0.0049	U			
	20 ft	VMP-45-20-012621	1/26/2021	<0.0039	U		<0.0081	U		0.0015	J		<0.047	U		<0.012	U		<0.0076	U		<0.0056	U		<0.0059	U			
		VMP-45-20-050521	5/5/2021	0.00054	J		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		0.0018	J			
		VMP-45-20-072621	7/26/2021	0.0012	J		<0.0081	U		<0.012	U		<0.047	U		<0.011	U		<0.0076	U		<0.0055	U		0.0026	J			
		VMP-45-20-102721	10/27/2021	<0.003	U		<0.0064	U		<0.0098	U		<0.037	U		<0.009	U		<0.006	U		<0.0044	U		<0.0046	U			
	30 ft	VMP-45-30-012621	1/26/2021	<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.0076	U		<0.0056	U		<0.0059	U			
		VMP-45-30-050521	5/5/2021	0.00058	J		<0.0066	U		<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0045	U		0.0012	J			
		VMP-45-30-050521-DUP	5/5/2021	<0.0032	U		<0.0067	U		<0.01	U		<0.039	U		<0.0096	U		<0.0063	U		<0.0046	U		0.0013	J			
		VMP-45-30-072621	7/26/2021	0.001	J		<0.0076	U		<0.012	U		<0.044	U		<0.011	U		<0.0071	U		<0.0052	U		0.024				
VMP-45-30-102721	10/27/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		<0.0049	U					
VMP-45-30-102721-DUP	10/27/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0047	U		<0.005	U					

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			Carbon tetrachloride			Chlorobenzene			Chloroform			
				0.37			450000			11			6.9						0.21			69			0.11			
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)
VMP-47	5 ft	VMP-47-5-012221	1/22/2021	<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		<0.008	U		<0.0058	U		<0.0062	U		
		VMP-47-5-050621	5/6/2021	<0.0033	U		<0.0069	U		<0.011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0047	U		0.0026	J		
		VMP-47-5-072321	7/23/2021	0.00034	J		0.0018	J		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.005	U		0.0056			
		VMP-47-5-110121	11/1/2021	<0.003	U		<0.0064	U		<0.0099	U		<0.037	U		<0.0091	U		<0.006	U		<0.0044	U		<0.0047	U		
	10 ft	VMP-47-10-012221	1/22/2021	<0.0039	U		0.012			<0.013	U		<0.048	U		<0.012	U		<0.0077	U		<0.0057	U		0.023			
		VMP-47-10-050621	5/6/2021	<0.0032	U		0.038			<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		0.084			
		VMP-47-10-072321	7/23/2021	0.00042	J		0.044			<0.011	U		0.0025	J		<0.0098	U		<0.0065	U		<0.0047	U		0.12			
	20 ft	VMP-47-10-110121	11/1/2021	<0.003	U		0.014			<0.0096	U		<0.036	U		<0.0088	U		<0.0058	U		<0.0042	U		0.04			
		VMP-47-20-012221	1/22/2021	<0.0039	U		0.0019	J		<0.013	U		<0.048	U		<0.012	U		<0.0077	U		<0.0056	U		0.0073			
		VMP-47-20-012221-DUP	1/22/2021	<0.0038	U		0.002	J		<0.012	U		<0.047	U		<0.011	U		<0.0076	U		<0.0055	U		0.0077			
		VMP-47-20-050621	5/6/2021	<0.0032	U		0.0063	J		<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0046	U		0.015			
	30 ft	VMP-47-20-072321	7/23/2021	0.00059	J		0.0072			<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		0.023			
VMP-47-20-110121		11/1/2021	<0.0032	U		0.0038	J		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		0.011				
VMP-47-30-012221		1/22/2021	<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.012	U		<0.008	U		<0.0059	U		<0.0062	U			
VMP-47-30-050621		5/6/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		<0.0049	U			
VMP-47-30-050621-DUP	5/6/2021	0.00042	J		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		<0.0049	U				
	VMP-47-30-072321	7/23/2021	0.0005	J		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		<0.0049	U			
	VMP-47-30-110121	11/1/2021	<0.0032	U		<0.0066	U		<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0046	U		<0.0048	U			
	VMP-48	5 ft	VMP-48-5-012521	1/25/2021	0.00081	J		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.0076	U		<0.0056	U		<0.0059	U	
VMP-48-5-050721			5/7/2021	<0.0034	U		<0.007	U		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		0.00074	J		
VMP-48-5-073021			7/30/2021	<0.0033	U		<0.0069	U		<0.011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0048	U		0.003	J		
VMP-48-5-110121			11/1/2021	<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U		
10 ft		VMP-48-10-012521	1/25/2021	<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.0076	U		<0.0056	U		<0.0059	U		
		VMP-48-10-050721	5/7/2021	<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.01	U		<0.0069	U		<0.005	U		<0.0053	U		
		VMP-48-10-073021	7/30/2021	<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.0073	U		<0.0053	U		0.0021	J		
VMP-48-10-110121		11/1/2021	0.0018	J		<0.0069	U		<0.01	U		<0.04	U		0.23			<0.0064	U		<0.0047	U		0.016				
		VMP-48-20-012521	1/25/2021	<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.0078	U		<0.0057	U		<0.006	U		
VMP-48-20-012521-DUP		1/25/2021	<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.0079	U		<0.0058	U		<0.0062	U			
		VMP-48-20-110121	11/1/2021	<0.0032	U		<0.0067	U		<0.01	U		<0.039	U		<0.0096	U		<0.0063	U		<0.0046	U		<0.0049	U		
30 ft		VMP-48-30-012521	1/25/2021	<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		<0.0077	U		<0.0056	U		<0.006	U		
	VMP-48-30-050721	5/7/2021	<0.0033	U		<0.0069	U		<0.011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0047	U		<0.005	U			
	VMP-48-30-073021	7/30/2021	<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.0049	U		<0.0052	U			
	VMP-48-30-073021-DUP	7/30/2021	<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		<0.007	U		<0.0051	U		<0.0054	U			
VMP-48-30-110121	11/1/2021	<0.0033	U		<0.0069	U		<0.01	U		<0.04	U		<0.0097	U		<0.0064	U		<0.0047	U		<0.005	U				
VMP-49	5 ft	VMP-49-5-012521	1/25/2021	<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.0075	U		<0.0055	U		<0.0058	U		
		VMP-49-5-050321	5/3/2021	<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.0073	U		<0.0053	U		<0.0057	U		
		VMP-49-5-072921	7/29/2021	0.002	J		<0.0073	U		<0.011	U		<0.042	U		0.01			<0.0068	U		<0.005	U		<0.0053	U		
		VMP-49-5-102721	10/27/2021	<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U		
	10 ft	VMP-49-10-012521	1/25/2021	<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		0.0079	J		<0.007	U		<0.0052	U		0.0033	J		
		VMP-49-10-050321	5/3/2021	<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		<0.007	U		<0.0051	U		<0.0054	U		
		VMP-49-10-072921	7/29/2021	<0.0033	U		<0.0069	U		<0.011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0048	U		0.00045	J		
	VMP-49-10-102721	10/27/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0047	U		<0.005	U			
	20 ft	VMP-49-20-012521	1/25/2021	<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.0073	U		<0.0053	U		<0.0057	U		
		VMP-49-20-050321	5/3/2021	<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.0073	U		<0.0053	U		<0.0057	U		
		VMP-49-20-060321-R	6/3/2021	0.001	J		<0.0071	U		<0.011	U		<0.041	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U		
		VMP-49-20-072921	7/29/2021	0.0023	J		<0.0072	U		<0.011	U		<0.042	U		0.014			<0.0068	U		<0.005	U		<0.0053	U		

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			Carbon tetrachloride			Chlorobenzene			Chloroform			
				0.37			450000			11			6.9						0.21			69			0.11			
				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	Result (mg/m³)
VMP-50	5 ft	VMP-50-5-012621	1/26/2021	<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		<0.0079	U		<0.0058	U		0.00053	J		
		VMP-50-5-050721	5/7/2021	<0.0034	U		<0.007	U		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		0.0031	J		
		VMP-50-5-072321	7/23/2021	0.00051	J		<0.007	U		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		<0.0051	U		
	10 ft	VMP-50-10-012621	1/26/2021	<0.004	U		0.003	J		<0.013	U		<0.049	U		<0.012	U		<0.008	U		<0.0058	U		0.077			
		VMP-50-10-050721	5/7/2021	<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		0.00076	J		<0.0049	U		0.0055			
		VMP-50-10-072321	7/23/2021	0.00052	J		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		<0.007	U		<0.0052	U		0.0076			
		VMP-50-10-102521	10/25/2021	<0.0031	U		<0.0065	U		<0.01	U		<0.038	U		<0.0093	U		<0.0061	U		<0.0045	U		0.0049			
		VMP-50-20-022521	2/25/2021	<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.012	U		<0.0083	U		<0.0061	U		0.027			
		VMP-50-20-022521-DUP	2/25/2021	<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.0079	U		<0.0058	U		0.028			
	20 ft	VMP-50-20-050721	5/7/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		0.0007	J		<0.0046	U		0.0088			
		VMP-50-20-050721-DUP	5/7/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		0.00073	J		<0.0046	U		0.0095			
		VMP-50-20-072321	7/23/2021	0.0036			<0.007	U		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		0.013			
VMP-50-20-102521		10/25/2021	<0.0033	U		<0.0069	U		<0.011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0047	U		0.02				
30 ft	VMP-50-30-012621	1/26/2021	<0.08	U		<0.17	U		<0.26	U		<0.97	U		7			<0.16	U		<0.12	U		<0.12	U			
	VMP-50-30-050721	5/7/2021	<0.064	U		<0.14	U		<0.21	U		<0.78	U		4.1			<0.13	U		<0.093	U		<0.098	U			
	VMP-50-30-072321	7/23/2021	<0.036	U		<0.075	U		<0.12	U		<0.43	U		4.2			<0.07	U		<0.052	U		<0.055	U			
	VMP-50-30-102521	10/25/2021	<0.062	U		<0.13	U		<0.2	U		<0.75	U		3.4			<0.12	U		<0.089	U		0.13				
VMP-51	5 ft	VMP-51-5-012221	1/22/2021	<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		<0.008	U		<0.0058	U		<0.0062	U		
		VMP-51-5-050421	5/4/2021	<0.0034	U		<0.007	U		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		<0.0051	U		
		VMP-51-5-072321	7/23/2021	0.00034	J		<0.0077	U		<0.012	U		<0.044	U		<0.011	U		<0.0072	U		<0.0053	U		<0.0056	U		
		VMP-51-5-102521	10/25/2021	<0.0034	U		<0.007	U		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		<0.0051	U		
	10 ft	VMP-51-10-012221	1/22/2021	<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.0081	U		<0.0059	U		<0.0063	U		
		VMP-51-10-050421	5/4/2021	<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.01	U		<0.0069	U		<0.005	U		<0.0053	U		
		VMP-51-10-072321	7/23/2021	<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.011	U		<0.0072	U		<0.0053	U		0.0058			
		VMP-51-10-102521	10/25/2021	<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		<0.007	U		<0.0051	U		<0.0054	U		
	20 ft	VMP-51-20-012221	1/22/2021	<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.011	U		<0.0076	U		<0.0055	U		0.00082	J		
		VMP-51-20-050421	5/4/2021	0.00048	J		<0.0069	U		<0.011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0047	U		<0.005	U		
		VMP-51-20-072321	7/23/2021	0.0003	J		<0.008	U		<0.012	U		<0.047	U		<0.011	U		<0.0076	U		<0.0055	U		<0.0058	U		
		VMP-51-20-102521	10/25/2021	<0.0034	U		<0.007	U		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		<0.0051	U		
30 ft	VMP-51-30-012221	1/22/2021	<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.0083	U		<0.0061	U		0.0012	J			
	VMP-51-30-050421	5/4/2021	0.00075	J		<0.0075	U		<0.012	U		0.0024	J		<0.011	U		<0.007	U		<0.0052	U		0.00073	J			
	VMP-51-30-072321	7/23/2021	0.00064	J		<0.0069	U		<0.011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0047	U		0.00089	J			
	VMP-51-30-102521	10/25/2021	<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.01	U		<0.0069	U		<0.005	U		<0.0053	U			
VMP-52	5 ft	VMP-52-5-012221	1/22/2021	<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.0077	U		<0.0057	U		<0.006	U		
		VMP-52-5-012221-DUP	1/22/2021	<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.011	U		<0.0071	U		<0.0052	U		<0.0055	U		
		VMP-52-5-050421	5/4/2021	0.0011	J		<0.0066	U		<0.01	U		<0.038	U		0.0019	J		<0.0062	U		<0.0046	U		<0.0048	U		
		VMP-52-5-072221	7/22/2021	0.00087	J		<0.0076	U		<0.012	U		<0.044	U		<0.011	U		<0.0071	U		<0.0052	U		0.00072	J		
		VMP-52-5-110221	11/2/2021	<0.0031	U		<0.0066	U		<0.01	U		<0.038	U		<0.0093	U		<0.0062	U		<0.0045	U		<0.0048	U		
	10 ft	VMP-52-10-012221	1/22/2021	<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.011	U		<0.0076	U		<0.0055	U		<0.0059	U		
		VMP-52-10-050421	5/4/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		<0.0049	U		
		VMP-52-10-072221	7/22/2021	<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.011	U		<0.0076	U		<0.0055	U		<0.0058	U		
		VMP-52-10-110221	11/2/2021	<0.0032	U		<0.0067	U		<0.01	U		<0.039	U		<0.0095	U		<0.0063	U		<0.0046	U		<0.0049	U		
		VMP-52-20-012221	1/22/2021	<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.011	U		<0.0076	U		<0.0055	U		0.0013	J		
	20 ft	VMP-52-20-050421	5/4/2021	<0.0034	U		<0.007	U		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		0.0019	J		
		VMP-52-20-072221	7/22/2021	<0.0033	U		<0.0069	U		<0.011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0048	U		0.0011	J		
VMP-52-20-110221		11/2/2021	<0.0032	U		<0.0066	U		<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0046	U		<0.0048	U			
VMP-52-20-110221-DUP		11/2/2021	<0.003	U		<0.0063	U		<0.0098	U		<0.037	U		<0.009	U		<0.0059	U		<0.0044	U		<0.004				

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			Carbon tetrachloride			Chlorobenzene			Chloroform			
				0.37			450000			11			6.9						0.21			69			0.11			
				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-53	5 ft	VMP-53-5-012121	1/21/2021	0.0011	J		<0.0081	U		<0.012	U		<0.047	U		0.021			<0.0076	U		<0.0055	U		<0.0059	U		
		VMP-53-5-050421	5/4/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		0.00085	J		
		VMP-53-5-072221	7/22/2021	<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.01	U		<0.0069	U		<0.005	U		0.0018	J		
		VMP-53-5-102221	10/22/2021	<0.003	U		<0.0063	U		<0.0097	U		<0.036	U		<0.0089	U		<0.0059	U		<0.0043	U		<0.0046	U		
	10 ft	VMP-53-10-012121	1/21/2021	<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.0077	U		<0.0057	U		<0.006	U		
		VMP-53-10-050421	5/4/2021	<0.003	U		<0.0064	U		<0.0098	U		<0.037	U		<0.009	U		<0.006	U		<0.0044	U		<0.0046	U		
		VMP-53-10-050421-DUP	5/4/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		<0.0049	U		
		VMP-53-10-060321-R	6/3/2021	0.0029	J		<0.0075	U		<0.012	U		<0.044	U		<0.011	U		<0.0071	U		<0.0052	U		<0.0055	U		
	20 ft	VMP-53-10-072221	7/22/2021	<0.0037	U		0.0018	J		<0.012	U		<0.045	U		<0.011	U		<0.0073	U		<0.0054	U		0.0037	J		
		VMP-53-10-102221	10/22/2021	<0.0033	U		<0.0069	U		<0.011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0048	U		<0.005	U		
		VMP-53-20-012121	1/21/2021	0.0018	J		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.0078	U		<0.0057	U		0.0025	J		
		VMP-53-20-050421	5/4/2021	<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.01	U		<0.0069	U		<0.005	U		<0.0053	U		
	30 ft	VMP-53-20-072221	7/22/2021	<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.0073	U		<0.0054	U		0.0022	J		
		VMP-53-20-102221	10/22/2021	<0.0031	U		<0.0066	U		<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0045	U		<0.0048	U		
		VMP-53-30-012121	1/21/2021	<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.011	U		<0.0076	U		<0.0055	U		0.028			
		VMP-53-30-050421	5/4/2021	<0.0032	U		<0.0066	U		<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0046	U		0.03			
30 ft	VMP-53-30-072221	7/22/2021	<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.0049	U		0.032				
	VMP-53-30-102221	10/22/2021	<0.0032	U		<0.0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0047	U		0.012				
	VMP-53-30-102221-DUP	10/22/2021	0.0022	J		<0.0063	U		<0.0098	U		<0.037	U		<0.009	U		<0.0059	U		<0.0044	U		0.011				
	VMP-54	5 ft	VMP-54-5-012821	1/28/2021	0.00072	J		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		<0.0069	U		<0.0051	U		0.00087	J	
VMP-54-5-050421			5/4/2021	<0.0031	U		<0.0065	U		<0.01	U		<0.038	U		<0.0092	U		<0.0061	U		<0.0045	U		0.001	J		
VMP-54-5-072221			7/22/2021	0.0062	J		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.0073	U		<0.0053	U		0.0016	J		
VMP-54-5-102921			10/29/2021	<0.003	U		0.011			<0.0098	U		<0.037	U		0.0075	J		<0.006	U		<0.0044	U		1.3			
10 ft		VMP-54-10-012821	1/28/2021	<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.011	U		<0.0072	U		<0.0053	U		0.0015	J		
		VMP-54-10-012821-DUP	1/28/2021	<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.0075	U		<0.0055	U		0.0014	J		
		VMP-54-10-050421	5/4/2021	<0.0031	U		<0.0065	U		<0.01	U		<0.038	U		<0.0092	U		<0.0061	U		<0.0045	U		0.0011	J		
		VMP-54-10-072221	7/22/2021	<0.0034	U		<0.007	U		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		0.00073	J		
20 ft		VMP-54-10-102921	10/29/2021	<0.0032	U		<0.0066	U		<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0046	U		0.012			
		VMP-54-20-012821	1/28/2021	<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		<0.0074	U		<0.0054	U		<0.0058	U		
		VMP-54-20-050421	5/4/2021	<0.0032	U		<0.0066	U		<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0046	U		<0.0048	U		
		VMP-54-20-072221	7/22/2021	<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U		
30 ft		VMP-54-20-102921	10/29/2021	<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U		
		VMP-54-30-012821	1/28/2021	<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		<0.0074	U		<0.0054	U		0.0016	J		
		VMP-54-30-050421	5/4/2021	0.00093	J		<0.0064	U		<0.0098	U		<0.037	U		0.0071	J		<0.006	U		<0.0044	U		0.003	J		
		VMP-54-30-050421-DUP	5/4/2021	<0.003	U		<0.0063	U		<0.0097	U		<0.036	U		0.0019	J		<0.0059	U		<0.0043	U		0.0033	J		
30 ft	VMP-54-30-072221	7/22/2021	<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.0074	U		0.0028	J		0.02				
	VMP-54-30-102921	10/29/2021	<0.0034	U		0.0091			<0.011	U		<0.042	U		0.012			<0.0067	U		<0.0049	U		1.3				
	VMP-56	10 ft	VMP-56-10-012121	1/21/2021	<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.0082	U		<0.006	U		<0.0064	U	
			VMP-56-10-050521	5/5/2021	<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		<0.0074	U		<0.0054	U		<0.0058	U	
VMP-56-10-072621			7/26/2021	0.0011	J		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.0049	U		0.00082	J		
25 ft		VMP-56-10-102221	10/22/2021	<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U		
		VMP-56-25-012121	1/21/2021	<0.004	J	U	<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.0079	U		<0.0058	U		<0.0062	U		
		VMP-56-25-012121-DUP	1/21/2021	0.00084	J		<0.0084	U		<0.013	U		<0.048	U		0.0099	J		<0.0079	U		<0.0058	U		<0.0061	U		
		VMP-56-25-050521	5/5/2021	<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.0074	U		<0.0054	U		<0.0057	U		
25 ft	VMP-56-25-050521-DUP	5/5/2021	<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U			
	VMP-56-25-072621	7/26/2021	0.0015	J		<0.0075	U		<0.012	U		<0.044	U		<0.011	U		<0.0071	U		<0.0052	U		<0.0055	U			
	VMP-56-25-102221	10/22/2021	<0.0036	U		<0.0075	U		<0.012	U		<0.044	U		<0.011	U		<0.0071	U		<0.0052	U		<0.0055	U			

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			Carbon tetrachloride			Chlorobenzene			Chloroform		
				0.37			450000			11			6.9						0.21			69			0.11		
				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-62	5 ft	VMP-62-5-012221	1/22/2021	<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.0073	U		<0.0054	U		<0.0057	U	
		VMP-62-5-050621	5/6/2021	<0.0032	U		<0.0066	U		<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0046	U		<0.0048	U	
		VMP-62-5-072321	7/23/2021	0.0009	J		<0.0066	U		<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0046	U		<0.0048	U	
		VMP-62-5-110121	11/1/2021	<0.003	U		<0.0063	U		<0.0098	U		<0.037	U		<0.009	U		<0.0059	U		<0.0044	U		<0.0046	U	
	10 ft	VMP-62-10-012221	1/22/2021	<0.004	U		0.0024	J		<0.013	U		<0.048	U		<0.012	U		<0.0078	U		<0.0057	U		0.01		
		VMP-62-10-050621	5/6/2021	<0.0032	U		0.01			<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0046	U		0.034		
		VMP-62-10-072321	7/23/2021	0.00044	J		0.0064	J		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.005	U		0.021		
		VMP-62-10-110121	11/1/2021	<0.0032	U		0.0098			<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0047	U		0.028		
	20 ft	VMP-62-20-050621	5/6/2021	<0.0032	U		0.014			<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		0.045		
		VMP-62-20-072321	7/23/2021	0.014			0.0067	J		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.005	U		0.028		
		VMP-62-20-110121	11/1/2021	<0.0031	U		0.0044	J		<0.01	U		<0.038	U		<0.0093	U		<0.0062	U		<0.0045	U		0.021		
		VMP-62-30-012221	1/22/2021	<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0067	U		<0.0049	U		0.0021	J	
	30 ft	VMP-62-30-050621	5/6/2021	<0.0032	U		<0.0066	U		<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0046	U		0.0038	J	
		VMP-62-30-072321	7/23/2021	0.00043	J		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.005	U		0.004	J	
VMP-62-30-110121		11/1/2021	<0.0031	U		<0.0066	U		<0.01	U		<0.038	U		<0.0093	U		<0.0062	U		<0.0045	U		0.0029	J		
VMP-62-30-110121-DUP		11/1/2021	<0.003	U		<0.0062	U		<0.0096	U		<0.036	U		<0.0088	U		<0.0058	U		<0.0043	U		0.0029	J		
VMP-63	5 ft	VMP-63-5-012921	1/29/2021	<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.0076	U		<0.0056	U		<0.0059	U	
		VMP-63-5-050521	5/5/2021	0.00064	J		<0.0075	U		<0.012	U		<0.044	U		<0.011	U		<0.0071	U		<0.0052	U		<0.0055	U	
		VMP-63-5-072621	7/26/2021	0.0014	J		<0.0069	U		<0.011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0047	U		0.0011	J	
		VMP-63-5-102621	10/26/2021	<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.0081	U		<0.0059	U		<0.0063	U	
	10 ft	VMP-63-10-012921	1/29/2021	0.18			<0.035	U		<0.054	U		<0.2	U		0.27			<0.033	U		<0.024	U		<0.026	U	
		VMP-63-10-050521	5/5/2021	0.00058	J		<0.0071	U		<0.011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		<0.0052	U	
		VMP-63-10-072621	7/26/2021	0.00028	J		<0.0069	U		<0.011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0048	U		0.00067	J	
		VMP-63-10-102621	10/26/2021	<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		<0.0077	U		<0.0056	U		<0.006	U	
	20 ft	VMP-63-20-012921	1/29/2021	0.045			<0.0088	U		<0.014	U		<0.051	U		0.015			<0.0082	U		<0.006	U		<0.0064	U	
		VMP-63-20-050521	5/5/2021	0.00065	J		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.0073	U		<0.0054	U		<0.0057	U	
		VMP-63-20-072621	7/26/2021	0.00033	J		<0.0073	U		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.005	U		<0.0053	U	
		VMP-63-20-102621	10/26/2021	<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.0078	U		<0.0057	U		<0.006	U	
	30 ft	VMP-63-30-012921	1/29/2021	<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.0079	U		<0.0058	U		<0.0061	U	
		VMP-63-30-050521	5/5/2021	<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		<0.007	U		<0.0051	U		<0.0054	U	
VMP-63-30-072621		7/26/2021	0.00058	J		<0.0069	U		<0.01	U		<0.04	U		<0.0097	U		<0.0064	U		<0.0047	U		<0.005	U		
VMP-63-30-072621-DUP		7/26/2021	0.00046	J		<0.007	U		<0.011	U		<0.04	U		<0.0099	U		<0.0066	U		<0.0048	U		<0.0051	U		
		VMP-63-30-102621	10/26/2021	<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		<0.0074	U		<0.0054	U		<0.0058	U	
		VMP-63-30-102621-DUP	10/26/2021	<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		<0.0074	U		<0.0054	U		<0.0058	U	

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			Carbon tetrachloride			Chlorobenzene			Chloroform		
				0.37			450000			11			6.9						0.21			69			0.11		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-012221	1/22/2021	<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.0078	U		<0.0057	U		<0.006	U	
		VMP-64-5-050621	5/6/2021	<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.01	U		<0.0069	U		<0.005	U		0.0013	J	
		VMP-64-5-073021	7/30/2021	<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.005	U		0.0025	J	
		VMP-64-5-110121	11/1/2021	<0.0033	U		<0.0069	U		<0.011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0047	U		<0.005	U	
	10 ft	VMP-64-10-012221	1/22/2021	<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.011	U		<0.0071	U		<0.0052	U		<0.0055	U	
		VMP-64-10-050621	5/6/2021	<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0067	U		<0.0049	U		0.00056	J	
		VMP-64-10-073021	7/30/2021	<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.011	U		<0.0072	U		<0.0053	U		0.0024	J	
		VMP-64-10-110121	11/1/2021	<0.0032	U		<0.0066	U		<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0046	U		<0.0048	U	
	20 ft	VMP-64-20-012221	1/22/2021	<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.0075	U		<0.0055	U		<0.0058	U	
		VMP-64-20-050621	5/6/2021	<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.0074	U		<0.0054	U		0.00075	J	
		VMP-64-20-073021	7/30/2021	<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.01	U		<0.0068	U		<0.0049	U		<0.0052	U	
		VMP-64-20-110121	11/1/2021	<0.0032	U		<0.0067	U		<0.01	U		<0.039	U		<0.0096	U		<0.0063	U		<0.0046	U		<0.0049	U	

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

Location	Depth	Sample ID	Sample Date	Chloromethane			alpha-Chlorotoluene			1,2-Dibromoethane			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene chloride)		
				Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	0.0078			1200			270			0.099			5.6					
										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-1	5 ft	VMP-1-5-012921	1/29/2021	<0.024	U		<0.0059	U		<0.0088	U		<0.0069	U		<0.0069	U		0.0026	J		<0.0046	U		<0.04	U	
		VMP-1-5-050521	5/5/2021	0.0061	J		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0028	J		<0.0044	U		<0.038	U	
		VMP-1-5-072621	7/26/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0031	J		<0.0044	U		<0.038	U	
		VMP-1-5-102621	10/26/2021	<0.024	U		<0.006	U		<0.0088	U		<0.0069	U		<0.0069	U		0.0028	J		<0.0046	U		<0.04	U	
	8.5 ft	VMP-1-8.5-012921	1/29/2021	<0.025	U		<0.0062	U		<0.0092	U		<0.0072	U		<0.0072	U		0.0029	J		<0.0048	U		<0.042	U	
		VMP-1-8.5-050521	5/5/2021	<0.023	U		<0.0057	U		<0.0084	U		<0.0066	U		<0.0066	U		0.0024	J		<0.0044	U		<0.038	U	
		VMP-1-8.5-072621	7/26/2021	0.018	J		0.00074	J		<0.0089	U		<0.0069	U		<0.0069	U		0.0036	J		<0.0047	U		<0.04	U	
		VMP-1-8.5-102621	10/26/2021	<0.026	U		<0.0066	U		<0.0098	U		<0.0076	U		<0.0076	U		0.0032	J		<0.0051	U		<0.044	U	
	23.5 ft	VMP-1-23.5-012921	1/29/2021	<0.027	U		<0.0067	U		<0.0099	U		<0.0078	U		<0.0078	U		0.0028	J		<0.0052	U		<0.045	U	
		VMP-1-23.5-012921-DUP	1/29/2021	<0.027	U		<0.0068	U		<0.01	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.046	U	
		VMP-1-23.5-072621	7/26/2021	<0.024	U		<0.006	U		<0.009	U		<0.007	U		<0.007	U		0.0028	J		<0.0047	U		<0.04	U	
	38.5 ft	VMP-1-23.5-102621	10/26/2021	<0.026	U		<0.0066	U		<0.0098	U		<0.0076	U		<0.0076	U		0.0029	J		<0.0051	U		<0.044	U	
		VMP-1-38.5-012921	1/29/2021	<0.024	U		<0.006	U		<0.009	U		<0.007	U		<0.007	U		0.0031	J		<0.0047	U		<0.04	U	
VMP-1-38.5-050521		5/5/2021	<0.023	U		<0.0058	U		<0.0086	U		<0.0067	U		<0.0067	U		0.0023	J		<0.0045	U		<0.039	U		
VMP-1-38.5-072621		7/26/2021	<0.024	U		<0.0061	U		<0.0091	U		<0.0071	U		<0.0071	U		0.0032	J		<0.0048	U		<0.041	U		
VMP-2	5 ft	VMP-1-38.5-102621	10/26/2021	<0.026	U		<0.0064	U		<0.0096	U		<0.0075	U		<0.0075	U		0.003	J		<0.005	U		<0.043	U	
		VMP-2-5-012521	1/25/2021	<0.027	U		<0.0067	U		<0.0099	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.045	U	
		VMP-2-5-050721	5/7/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0024	J		<0.0041	U		<0.035	U	
		VMP-2-5-072921	7/29/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0053	U		<0.0044	U		<0.037	U	
	8.5 ft	VMP-2-5-102521	10/25/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0027	J		<0.0042	U		<0.036	U	
		VMP-2-8.5-012521	1/25/2021	<0.026	U		<0.0066	U		<0.0099	U		<0.0077	U		<0.0077	U		0.0033	J		<0.0052	U		<0.045	U	
		VMP-2-8.5-050721	5/7/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0026	J		<0.0042	U		<0.036	U	
		VMP-2-8.5-072921	7/29/2021	<0.025	U		<0.0063	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.006	U		<0.005	U		<0.042	U	
	22 ft	VMP-2-8.5-102521	10/25/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0026	J		<0.0044	U		<0.038	U	
		VMP-2-22-012521	1/25/2021	<0.026	U		<0.0065	U		<0.0097	U		<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.044	U	
		VMP-2-22-050721	5/7/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0027	J		<0.0042	U		<0.036	U	
		VMP-2-22-072921	7/29/2021	<0.024	U		<0.006	U		<0.009	U		<0.007	U		<0.007	U		<0.0058	U		<0.0047	U		<0.04	U	
		VMP-2-22-102521	10/25/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0028	J		<0.0043	U		<0.037	U	
VMP-3	5 ft	VMP-3-5-012521	1/25/2021	<0.028	U		<0.007	U		<0.01	U		<0.0081	U		<0.0081	U		0.0028	J		<0.0054	U		<0.047	U	
		VMP-3-5-051021	5/10/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.003	J		<0.0041	U		<0.035	U	
		VMP-3-5-072721	7/27/2021	<0.024	U		<0.0061	U		<0.0091	U		<0.0071	U		<0.0071	U		0.0029	J		<0.0048	U		0.0018	J	
		VMP-3-5-102721	10/27/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0027	J		0.0029	J		<0.035	U	
	10 ft	VMP-3-10-051021	5/10/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.0029	J		<0.004	U		<0.034	U	
		VMP-3-10-072721	7/27/2021	<0.023	U		<0.0058	U		<0.0086	U		<0.0067	U		<0.0067	U		0.0044	J		<0.0045	U		0.0014	J	
		VMP-3-10-102721	10/27/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0026	J		<0.0043	U		<0.037	U	
	22 ft	VMP-3-22-012521	1/25/2021	<0.026	U		<0.0065	U		<0.0097	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.044	U	
		VMP-3-22-051021	5/10/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.003	J		<0.004	U		<0.034	U	
		VMP-3-22-051021-DUP	5/10/2021	<0.02	U		<0.0052	U		<0.0076	U		<0.006	U		<0.006	U		0.0026	J		<0.004	U		<0.034	U	
		VMP-3-22-072721	7/27/2021	<0.024	U		<0.006	U		<0.0089	U		<0.007	U		<0.007	U		0.0024	J		<0.0047	U		<0.04	U	
	31.5 ft	VMP-3-22-102721	10/27/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0027	J		<0.0044	U		<0.038	U	
		VMP-3-31.5-012521	1/25/2021	<0.027	U		<0.0067	U		<0.0099	U		<0.0078	U		<0.0078	U		0.0029	J		<0.0052	U		<0.045	U	
VMP-3-31.5-051021		5/10/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.0025	J		<0.004	U		<0.034	U		
VMP-3-31.5-072721		7/27/2021	<2.3	U		<1.5	U		<2.2	U		<1.7	U		<1.7	U		<1.4	U		<1.1	U		<3.9	U		
VMP-3-31.5-102721		10/27/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		0.0029	J		<0.0042	U		<0.036	U		

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

Location	Depth	Sample ID	Sample Date	Chloromethane			alpha-Chlorotoluene			1,2-Dibromoethane			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene chloride)					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (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-4-5-012821	1/28/2021	<0.023	U		<0.0058	U		<0.0087	U		<0.0068	U		<0.0068	U		0.003	J		<0.0046	U		<0.039	U				
		VMP-4-5-050521	5/5/2021	<0.022	U		<0.0054	U		<0.008	U		<0.0063	U		<0.0063	U		0.0026	J		<0.0042	U		<0.036	U				
		VMP-4-5-072921	7/29/2021	<0.023	U		<0.0058	U		<0.0086	U		<0.0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0.039	U				
		VMP-4-5-102521	10/25/2021	<0.02	U		<0.005	U		<0.0074	U		<0.0058	U		<0.0058	U		0.0027	J		<0.0039	U		<0.033	U				
	12 ft	VMP-4-12-012821	1/28/2021	<0.023	U		<0.0058	U		<0.0086	U		<0.0067	U		<0.0067	U		0.0029	J		<0.0045	U		<0.039	U				
		VMP-4-12-050521	5/5/2021	<0.023	U		<0.0058	U		<0.0086	U		<0.0067	U		<0.0067	U		0.0025	J		<0.0045	U		<0.039	U				
		VMP-4-12-072921	7/29/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		<0.0051	U		<0.0042	U		<0.036	U				
	23.5 ft	VMP-4-12-102521	10/25/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0029	J		<0.0042	U		<0.036	U				
		VMP-4-23.5-012821	1/28/2021	<0.025	U		<0.0062	U		<0.0092	U		<0.0072	U		<0.0072	U		0.0031	J		<0.0048	U		<0.042	U				
VMP-4-23.5-050521		5/5/2021	<0.023	U		<0.0058	U		<0.0086	U		<0.0067	U		<0.0067	U		0.0025	J		<0.0045	U		<0.039	U					
VMP-4-23.5-072921		7/29/2021	<0.022	U		<0.0054	U		<0.008	U		<0.0063	U		<0.0063	U		<0.0052	U		<0.0042	U		<0.036	U					
VMP-4-23.5-102521	10/25/2021	<0.021	U		<0.0052	U		<0.0077	U		<0.006	U		<0.006	U		0.0028	J		<0.004	U		<0.035	U						
VMP-5	5 ft	VMP-5-5-012221	1/22/2021	<0.026	U		<0.0065	U		<0.0096	U		<0.0075	U		<0.0075	U		0.0028	J		<0.0051	U		0.0034	J				
		VMP-5-5-050621	5/6/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.002	J		<0.004	U		<0.034	U				
		VMP-5-5-072821	7/28/2021	<0.024	U		<0.006	U		<0.0089	U		<0.0069	U		<0.0069	U		0.0026	J		<0.0047	U		<0.04	U				
		VMP-5-5-102521	10/25/2021	<0.022	U		<0.0055	U		<0.0081	U		<0.0064	U		<0.0064	U		0.0027	J		<0.0043	U		<0.037	U				
	12.5 ft	VMP-5-12.5-012221	1/22/2021	<0.03	U		<0.0075	U		<0.011	U		<0.0087	U		<0.0087	U		0.0034	J		<0.0058	U		0.022	J				
		VMP-5-12.5-050621	5/6/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		0.014			0.0019	J		<0.0042	U		<0.036	U				
		VMP-5-12.5-050621-DUP	5/6/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		0.015			0.0018	J		<0.0043	U		<0.037	U				
		VMP-5-12.5-072821	7/28/2021	<0.024	U		<0.0059	U		<0.0088	U		<0.0069	U		<0.0069	U		0.0023	J		<0.0046	U		<0.04	U				
		VMP-5-12.5-072821-DUP	7/28/2021	<0.024	U		<0.006	U		<0.009	U		<0.007	U		<0.007	U		0.0029	J		<0.0047	U		<0.04	U				
		VMP-5-12.5-102521	10/25/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		0.0026	J		<0.0042	U		<0.036	U				
	31 ft	VMP-5-12.5-102521-DUP	10/25/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0025	J		<0.0042	U		<0.036	U				
		VMP-5-31-012221	1/22/2021	<0.025	U		0.0013	J		0.0011	J		0.002	J		0.002	J		0.0028	J		<0.005	U		0.0013	J				
		VMP-5-31-050621	5/6/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0019	J		<0.0041	U		<0.035	U				
		VMP-5-31-072821	7/28/2021	<0.024	U		<0.0061	U		<0.0091	U		<0.0071	U		<0.0071	U		0.0021	J		<0.0048	U		<0.041	U				
VMP-5-31-102521	10/25/2021	<0.022	U		<0.0054	U		<0.008	U		<0.0063	U		<0.0063	U		0.0024	J		<0.0042	U		<0.036	U						
VMP-6	5 ft	VMP-6-5-012921	1/29/2021	<0.025	U	UJ	<0.0063	U		<0.0094	U		<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.042	U				
		VMP-6-5-050621	5/6/2021	<0.023	U		<0.0057	U		<0.0084	U		<0.0066	U		<0.0066	U		0.0019	J		<0.0044	U		<0.038	U				
		VMP-6-5-072921	7/29/2021	<0.023	U		<0.0058	U		<0.0086	U		<0.0068	U		<0.0068	U		0.0026	J		<0.0046	U		<0.039	U				
		VMP-6-5-102521	10/25/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		0.0027	J		<0.0042	U		<0.036	U				
	10 ft	VMP-6-10-050621	5/6/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0017	J		<0.0042	U		<0.036	U				
		VMP-6-10-072921	7/29/2021	<0.024	U		<0.0059	U		<0.0088	U		<0.0069	U		<0.0069	U		0.0025	J		<0.0046	U		0.0009	J				
	31.5 ft	VMP-6-10-102521	10/25/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		0.0028	J		<0.0042	U		<0.036	U				
		VMP-6-31.5-012921	1/29/2021	<0.026	U	UJ	<0.0065	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0062	U		<0.0051	U		<0.044	U				
		VMP-6-31.5-012921-DUP	1/29/2021	<0.028	U	UJ	<0.0071	U		<0.011	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.048	U				
		VMP-6-31.5-050621	5/6/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.002	J		<0.0042	U		<0.036	U				
		VMP-6-31.5-072921	7/29/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0023	J		<0.0044	U		<0.038	U				
VMP-6-31.5-072921-DUP	7/29/2021	<0.022	U		<0.0055	U		<0.0081	U		<0.0064	U		<0.0064	U		0.0023	J		<0.0043	U		0.0009	J						
VMP-6-31.5-102521	10/25/2021	<0.02	U		<0.0049	U		<0.0073	U		<0.0057	U		<0.0057	U		0.003	J		<0.0038	U		<0.033	U						
39 ft	VMP-6-39-102521	10/25/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.003	J		<0.004	U		<0.034	U					

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

Location	Depth	Sample ID	Sample Date	Chloromethane			alpha-Chlorotoluene			1,2-Dibromoethane			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene chloride)					
				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	Result (mg/m³)	Lab Quals	AECOM Quals
VMP-7	5 ft	VMP-7-5-012621	1/26/2021	<0.026	U		<0.0065	U		<0.0097	U		<0.0076	U		<0.0076	U		0.003	J		<0.0051	U		<0.044	U				
		VMP-7-5-050521	5/5/2021	<0.023	U		<0.0057	U		<0.0085	U		<0.0066	U		<0.0066	U		0.0022	J		<0.0045	U		<0.038	U				
		VMP-7-5-072621	7/26/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		0.0036	J		<0.0042	U		<0.036	U				
		VMP-7-5-102721	10/27/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0027	J		0.0016	J		<0.035	U				
	13.5 ft	VMP-7-13.5-012621	1/26/2021	<0.026	U		<0.0064	U		<0.0095	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.043	U				
		VMP-7-13.5-050521	5/5/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0024	J		<0.0044	U		<0.038	U				
		VMP-7-13.5-072621	7/26/2021	<0.026	U		<0.0066	U		<0.0098	U		<0.0076	U		<0.0076	U		0.003	J		<0.0051	U		<0.044	U				
	29.5 ft	VMP-7-13.5-102721	10/27/2021	<0.021	U		<0.0052	U		<0.0077	U		<0.006	U		<0.006	U		0.0024	J		<0.004	U		<0.035	U				
		VMP-7-29.5-012621	1/26/2021	<0.026	U		<0.0064	U		<0.0095	U		<0.0074	U		<0.0074	U		0.0028	J		<0.005	U		<0.043	U				
		VMP-7-29.5-050521	5/5/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0022	J		<0.0041	U		<0.035	U				
VMP-7-29.5-072621		7/26/2021	<0.023	U		<0.0057	U		<0.0085	U		<0.0067	U		<0.0067	U		0.0028	J		<0.0045	U		<0.038	U					
VMP-7-29.5-102721	VMP-7-29.5-102721	10/27/2021	<0.02	U		<0.005	U		<0.0074	U		<0.0058	U		<0.0058	U		0.0026	J		<0.0039	U		<0.034	U					
	VMP-7-29.5-102721-DUP	10/27/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.0028	J		<0.004	U		<0.034	U					
VMP-8	5 ft	VMP-8-5-012121	1/21/2021	<0.025	U		<0.0064	U		<0.0094	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		0.00094	J				
		VMP-8-5-050421	5/4/2021	<0.019	U		<0.0047	U		<0.007	U		<0.0055	U		<0.0055	U		0.0019	J		<0.0037	U		<0.032	U				
		VMP-8-5-072221	7/22/2021	<0.024	U		<0.0059	U		<0.0088	U		<0.0068	U		<0.0068	U		0.0021	J		<0.0046	U		<0.04	U				
		VMP-8-5-102921	10/29/2021	<0.023	U		<0.0058	U		<0.0086	U		<0.0067	U		<0.0067	U		0.0027	J		<0.0045	U		<0.039	U				
	9.5 ft	VMP-8-9.5-012121	1/21/2021	<0.026	U		<0.0064	U		<0.0095	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		0.0058	J				
		VMP-8-9.5-050421	5/4/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.0018	J		<0.004	U		<0.034	U				
		VMP-8-9.5-072221	7/22/2021	<0.023	U		<0.0057	U		<0.0085	U		<0.0066	U		<0.0066	U		0.0024	J		<0.0045	U		0.00084	J				
	23.5 ft	VMP-8-23.5-012121	1/21/2021	<0.028	U		<0.0069	U		<0.01	U		<0.008	U		<0.008	U		0.003	J		<0.0054	U		0.0075	J				
		VMP-8-23.5-050421	5/4/2021	<0.019	U		<0.0048	U		<0.0072	U		<0.0056	U		<0.0056	U		0.0018	J		<0.0038	U		<0.032	U				
		VMP-8-23.5-072221	7/22/2021	<0.023	U		<0.0059	U		<0.0087	U		<0.0068	U		<0.0068	U		0.0029	J		<0.0046	U		0.0013	J				
		VMP-8-23.5-072221-DUP	7/22/2021	<0.024	U		<0.006	U		<0.0088	U		<0.0069	U		<0.0069	U		0.0026	J		<0.0046	U		0.0022	J				
	35.5 ft	VMP-8-35.5-012121	1/21/2021	<0.026	U		<0.0065	U		<0.0097	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		0.0011	J				
		VMP-8-35.5-050421	5/4/2021	0.0012	J		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.002	J		<0.0041	U		<0.035	U				
		VMP-8-35.5-072221	7/22/2021	<0.022	U		<0.0055	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0025	J		<0.0043	U		<0.037	U				
	VMP-9	5 ft	VMP-9-5-012121	1/21/2021	<0.026	U		<0.0064	U		<0.0096	U		<0.0075	U		<0.0075	U		0.0026	J		<0.005	U		<0.043	U			
VMP-9-5-050421			5/4/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0023	J		<0.0042	U		<0.036	U				
VMP-9-5-072221			7/22/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0024	J		0.0016	J		0.0015	J				
VMP-9-5-072221-DUP			7/22/2021	0.0017	J		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0022	J		<0.0043	U		<0.037	U				
VMP-9-5-102221		10/22/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0021	J		<0.0044	U		<0.038	U					
11.5 ft		VMP-9-11.5-012121	1/21/2021	<0.027	U		<0.0067	U		<0.01	U		<0.0078	U		<0.0078	U		0.0029	J		<0.0053	U		<0.045	U				
		VMP-9-11.5-050421	5/4/2021	0.0014	J		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0035	J		<0.0043	U		<0.037	U				
		VMP-9-11.5-072221	7/22/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0021	J		0.0021	J		<0.036	U				
25.5 ft		VMP-9-11.5-102221	10/22/2021	<0.022	U		<0.0055	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0022	J		<0.0043	U		<0.037	U				
		VMP-9-25.5-012121	1/21/2021	<0.026	U		<0.0065	U		<0.0097	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		0.0086	J				
		VMP-9-25.5-050421	5/4/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0026	J		<0.0042	U		<0.036	U				
		VMP-9-25.5-072221	7/22/2021	<0.023	U		<0.0058	U		<0.0086	U		<0.0068	U		<0.0068	U		0.0026	J		0.0065	J		0.00092	J				
38.5 ft		VMP-9-25.5-102221	10/22/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0022	J		<0.0043	U		<0.037	U				
		VMP-9-38.5-012121	1/21/2021	<0.027	U		<0.0068	U		<0.01	U		<0.0079	U		<0.0079	U		0.003	J		<0.0053	U		0.0028	J				
		VMP-9-38.5-012121-DUP	1/21/2021	<0.027	U		<0.0067	U		<0.01	U		<0.0078	U		<0.0078	U		0.0029	J		<0.0052	U		0.022	J				
	VMP-9-38.5-102221	10/22/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0024	J		<0.0041	U		<0.035	U					
VMP-18	8.5 ft	VMP-18-8.5-012621	1/26/2021	<0.027	U		<0.0067	U		<0.0099	U		<0.0078	J	U	<0.0078	J	U	0.0027	J		<0.0052	U		<0.045	U				
		VMP-18-8.5-072221	7/22/2021	<0.024	U		<0.0061	U		<0.0091	U		<0.0071	U		<0.0071	U		0.0023	J		<0.0048	U		<0.041	U				
		VMP-18-8.5-110221	11/2/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.0025	J		<0.004	U		<0.034	U				
VMP-19	5 ft	VMP-19-5-012621	1/26/2021	<0.026	U		<0.0064	U		<0.0095	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.043	U				
		VMP-19-5-051121	5/11/2021	<0.02	U		<0.005	U		<0.0075	U		<0.0059	U		<0.0059	U		0.0026	J		<0.0039	U		<0.034	U				
		VMP-19-5-072621	7/26/2021	<0.024	U		<0.006	U		<0.0089	U		<0.007	U		<0.007	U		0.0032	J		<0.0047	U		<0.04	U				
		VMP-19-5-102621	10/26/2021	<0.024	U		<0.0059	U		<0.0088	U		<0.0069	U		<0.0069	U		0.003	J		<0.0046	U		<0.04	U				
VMP-19-5-102621-DUP	10/26/2021	<0.023	U		<0.0057	U		<0.0084	U		<0.0066	U		<0.0066	U		0.0029	J		<0.0044	U		<0.038	U						

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

Location	Depth	Sample ID	Sample Date	Chloromethane			alpha-Chlorotoluene			1,2-Dibromoethane			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene chloride)		
				Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	0.0078			1200			270			0.099			5.6					
										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-20	5 ft	VMP-20-5-012521	1/25/2021	<0.024	U		<0.006	U		<0.009	U		<0.007	U		<0.007	U		0.003	J		<0.0047	U		<0.04	U	
		VMP-20-5-050721	5/7/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.0026	J		<0.004	U		<0.034	U	
		VMP-20-5-072721	7/27/2021	<0.024	U		<0.006	U		<0.0089	U		<0.007	U		<0.007	U		0.0026	J		<0.0047	U		<0.04	U	
		VMP-20-5-110121	11/1/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		0.0027	J		<0.0042	U		<0.036	U	
	10 ft	VMP-20-10-012521	1/25/2021	<0.024	U		<0.0062	U		<0.0091	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0.041	U	
		VMP-20-10-050721	5/7/2021	<0.02	U		<0.0049	U		<0.0073	U		<0.0057	U		<0.0057	U		0.0024	J		<0.0038	U		<0.033	U	
		VMP-20-10-072721	7/27/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0025	J		<0.0043	U		<0.037	U	
		VMP-20-10-072721-DUP	7/27/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0026	J		<0.0042	U		<0.036	U	
	25 ft	VMP-20-10-110121	11/1/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0021	J		<0.0041	U		<0.035	U	
		VMP-20-25-012521	1/25/2021	<0.025	U		<0.0063	U		<0.0093	U		0.006	J		<0.0073	U		0.0029	J		<0.0049	U		<0.042	U	
		VMP-20-25-050721	5/7/2021	<0.02	U		<0.005	U		<0.0074	U		<0.0058	U		<0.0058	U		0.0024	J		<0.0039	U		<0.034	U	
		VMP-20-25-050721-DUP	5/7/2021	<0.02	U		<0.0049	U		<0.0073	U		<0.0057	U		<0.0057	U		0.0023	J		<0.0038	U		<0.033	U	
VMP-21	5 ft	VMP-20-25-072721	7/27/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0032	J		<0.0044	U		<0.037	U	
		VMP-20-25-110121	11/1/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0026	J		<0.0041	U		<0.035	U	
		VMP-21-5-012521	1/25/2021	<0.027	U		<0.0067	U		<0.0099	U		<0.0078	U		<0.0078	U		0.0029	J		<0.0052	U		<0.045	U	
		VMP-21-5-050321	5/3/2021	<0.022	U		<0.0056	U		<0.0084	U		<0.0066	U		<0.0066	U		0.003	J		<0.0044	U		<0.038	U	
	10 ft	VMP-21-5-072921	7/29/2021	<0.022	U		<0.0055	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0023	J		<0.0043	U		<0.037	U	
		VMP-21-5-102521	10/25/2021	<0.022	U		<0.0055	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0027	J		<0.0043	U		<0.037	U	
		VMP-21-10-012521	1/25/2021	<0.027	U		<0.0068	U		<0.01	U		<0.0079	U		<0.0079	U		0.003	J		<0.0053	U		<0.046	U	
		VMP-21-10-012521-DUP	1/25/2021	<0.027	U		<0.0067	U		<0.0099	U		<0.0078	U		<0.0078	U		0.0032	J		<0.0052	U		<0.045	U	
	25 ft	VMP-21-10-050321	5/3/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0025	J		<0.0044	U		<0.037	U	
		VMP-21-10-060321-R	6/3/2021	<0.023	U		<0.0058	U		<0.0086	U		<0.0067	U		<0.0067	U		0.0034	J		<0.0045	U		<0.039	U	
		VMP-21-10-072921	7/29/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0084	J		<0.0041	U		<0.036	U	
		VMP-21-10-102521	10/25/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		0.0048	J		<0.0042	U		<0.036	U	
33 ft	VMP-21-25-012521	1/25/2021	<0.026	U		<0.0065	U		<0.0097	U		<0.0076	U		<0.0076	U		0.0035	J		<0.0051	U		<0.044	U		
	VMP-21-25-050321	5/3/2021	<0.023	U		<0.0058	U		<0.0087	U		<0.0068	U		<0.0068	U		0.0047	J		<0.0046	U		<0.039	U		
	VMP-21-25-050321-DUP	5/3/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0048	J		<0.0044	U		<0.038	U		
	VMP-21-25-072921	7/29/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0072	J		<0.0044	U		<0.037	U		
VMP-22	5 ft	VMP-21-25-102521	10/25/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0055	J		<0.0042	U		<0.036	U	
		VMP-21-33-012521	1/25/2021	<0.025	U		<0.0063	U		<0.0093	U		<0.0073	U		<0.0073	U		0.0029	J		<0.0049	U		<0.042	U	
		VMP-21-33-050321	5/3/2021	<0.024	U		<0.006	U		<0.0088	U		<0.0069	U		<0.0069	U		0.0029	J		<0.0046	U		<0.04	U	
		VMP-21-33-072921	7/29/2021	<0.022	U		<0.0055	U		<0.0081	U		<0.0064	U		<0.0064	U		0.0052	J		<0.0043	U		0.001	J	
VMP-22	10 ft	VMP-21-33-102521	10/25/2021	<0.02	U		<0.005	U		<0.0074	U		<0.0058	U		<0.0058	U		0.0059	J		<0.0039	U		<0.034	U	
		VMP-21-33-102521-DUP	10/25/2021	<0.02	U		<0.0049	U		<0.0073	U		<0.0057	U		<0.0057	U		0.0059	J		<0.0038	U		<0.033	U	
		VMP-22-5-012621	1/26/2021	<0.028	U		<0.007	U		<0.01	U		<0.0082	U		<0.0082	U		0.0029	J		<0.0055	U		<0.047	U	
		VMP-22-5-050321	5/3/2021	<0.024	U		<0.006	U		<0.009	U		<0.007	U		<0.007	U		0.0025	J		<0.0047	U		<0.04	U	
	18 ft	VMP-22-5-072321	7/23/2021	<0.022	U		<0.0054	U		<0.008	U		<0.0063	U		<0.0063	U		0.0035	J		<0.0042	U		0.0025	J	
		VMP-22-5-072321-DUP	7/23/2021	<0.022	U		<0.0054	U		<0.008	U		<0.0063	U		<0.0063	U		0.0029	J		<0.0042	U		<0.036	U	
		VMP-22-5-110121	11/1/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0032	J		<0.0041	U		<0.035	U	
		VMP-22-10-012621	1/26/2021	<0.026	U		<0.0066	U		<0.0098	U		<0.0077	U		<0.0077	U		0.0027	J		<0.0052	U		0.0011	J	
	38 ft	VMP-22-10-050321	5/3/2021	<0.024	U		<0.0059	U		<0.0088	U		<0.0069	U		<0.0069	U		0.0027	J		<0.0046	U		<0.04	U	
		VMP-22-10-072321	7/23/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0031	J		<0.0044	U		<0.038	U	
		VMP-22-10-110121	11/1/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		0.0025	J		<0.0042	U		<0.036	U	
		VMP-22-18-012621	1/26/2021	<0.027	U		<0.0068	U		<0.01	U		<0.0079	U		<0.0079	U		0.003	J		<0.0053	U		<0.046	U	
VMP-23	5 ft	VMP-22-18-050321	5/3/2021	<0.023	U		<0.0058	U		<0.0086	U		<0.0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0.039	U	
		VMP-22-38-012621	1/26/2021	<0.029	U		<0.0072	U		<0.011	U		<0.0084	U		<0.0084	U		0.0031	J		<0.0057	U		0.00089	J	
		VMP-22-38-050321	5/3/2021	<0.23	U		<0.057	U		<0.085	U		<0.066	U		<0.066	U		<0.055	U		<0.045	U		<0.38	U	
		VMP-22-38-060321-R	6/3/2021	<0.024	U		<0.0061	U		<0.0091	U		<0.0071	U		<0.0071	U		0.002	J		<0.0048	U		<0.041	U	
VMP-23	5 ft	VMP-22-38-110121	11/1/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0024	J		<0.0042	U		<0.036	U	

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

Location	Depth	Sample ID	Sample Date	Chloromethane			alpha-Chlorotoluene			1,2-Dibromoethane			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene chloride)		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	0.0078			1200			270			0.099			5.6		
													Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-23	5 ft	VMP-23-5-012121	1/21/2021	<0.027	U		<0.0068	U		<0.01	U		<0.0079	U		<0.0079	U		0.0028	J		<0.0053	U		0.0021	J	
		VMP-23-5-050721	5/7/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0027	J		<0.0042	U		<0.036	U	
		VMP-23-5-072821	7/28/2021	<0.022	U		<0.0055	U		<0.0081	U		<0.0064	U		<0.0064	U		0.0028	J		<0.0043	U		<0.037	U	
	10 ft	VMP-23-5-102521	10/25/2021	<0.021	U		<0.0053	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0027	J		<0.0041	U		<0.035	U	
		VMP-23-10-012121	1/21/2021	<0.027	U		<0.0067	U		<0.0099	U		<0.0078	U		<0.0078	U		0.0031	J		<0.0052	U		0.0067	J	
		VMP-23-10-072821	7/28/2021	<0.024	U		<0.006	U		<0.009	U		<0.007	U		<0.007	U		0.0031	J		<0.0047	U		<0.041	U	
	25 ft	VMP-23-10-072821-DUP	7/28/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0024	J		<0.0043	U		<0.037	U	
		VMP-23-10-102521	10/25/2021	<0.024	U		<0.0059	U		<0.0088	U		<0.0068	U		<0.0068	U		0.0027	J		<0.0046	U		<0.04	U	
		VMP-23-25-012121	1/21/2021	<0.026	U		<0.0066	U		<0.0098	U		<0.0076	U		<0.0076	U		0.0029	J		<0.0051	U		0.0038	J	
VMP-24	5 ft	VMP-23-25-050721	5/7/2021	<0.02	U		<0.005	U		<0.0074	U		<0.0058	U		<0.0058	U		0.0031	J		<0.0039	U		<0.034	U	
		VMP-23-25-072821	7/28/2021	<0.024	U		<0.006	U		<0.009	U		<0.007	U		<0.007	U		0.0035	J		<0.0047	U		<0.04	U	
		VMP-23-25-102521	10/25/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0029	J		<0.0041	U		<0.036	U	
	10 ft	VMP-24-5-012121	1/21/2021	<0.025	U		<0.0062	U		<0.0092	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0049	U		<0.042	U	
		VMP-24-5-051121	5/11/2021	<0.02	U		<0.005	U		<0.0074	U		<0.0058	U		<0.0058	U		0.0023	J		<0.0039	U		<0.033	U	
		VMP-24-5-072221	7/22/2021	<0.026	U		<0.0066	U		<0.0099	U		<0.0077	U		<0.0077	U		0.002	J		<0.0052	U		<0.045	U	
	22 ft	VMP-24-5-102221	10/22/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0024	J		<0.0043	U		<0.037	U	
		VMP-24-10-022521	2/25/2021	<0.026	U		<0.0064	U		<0.0095	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.043	U	
		VMP-24-10-051121	5/11/2021	<0.018	U		<0.0046	U		<0.0068	U		<0.0054	U		<0.0054	U		0.0026	J		<0.0036	U		<0.031	U	
34 ft	VMP-24-10-051121-DUP	5/11/2021	<0.019	U		<0.0047	U		<0.007	U		<0.0054	U		<0.0054	U		0.0026	J		<0.0037	U		<0.031	U		
	VMP-24-10-072221	7/22/2021	<0.023	U		<0.0057	U		<0.0084	U		<0.0066	U		<0.0066	U		0.0022	J		<0.0044	U		<0.038	U		
	VMP-24-10-102221	10/22/2021	<0.02	U		<0.005	U		<0.0074	U		<0.0058	U		<0.0058	U		0.0025	J		<0.0039	U		<0.034	U		
VMP-32	5 ft	VMP-24-10-102221-DUP	10/22/2021	<0.02	U		<0.0052	U		<0.0076	U		<0.006	U		<0.006	U		0.0023	J		<0.004	U		<0.034	U	
		VMP-24-22-012121	1/21/2021	<0.025	U		<0.0062	U		<0.0092	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0.042	U	
		VMP-24-22-051121	5/11/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0023	J		<0.0041	U		<0.035	U	
	10 ft	VMP-24-22-072221	7/22/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0022	J		<0.0043	U		<0.037	U	
		VMP-24-22-102221	10/22/2021	<0.022	U		<0.0054	U		<0.008	U		<0.0063	U		<0.0063	U		0.002	J		<0.0042	U		<0.036	U	
		VMP-24-34-012121	1/21/2021	<0.028	U		<0.007	U		<0.01	U		<0.0081	U		<0.0081	U		0.0072	J		<0.0054	U		0.011	J	
	20 ft	VMP-24-34-051121	5/11/2021	<0.02	U		<0.0052	U		<0.0076	U		<0.006	U		<0.006	U		0.0025	J		<0.004	U		<0.034	U	
		VMP-24-34-072221	7/22/2021	<0.02	U		<0.0052	U		<0.0076	U		<0.006	U		<0.006	U		0.0021	J		<0.004	U		<0.034	U	
		VMP-24-34-102221	10/22/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		0.0025	J		<0.0042	U		<0.036	U	
VMP-32	5 ft	VMP-32-5-012621	1/26/2021	<0.026	U		<0.0065	U		<0.0097	U		<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.044	U	
		VMP-32-5-051221	5/12/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.0024	J		<0.004	U		<0.034	U	
		VMP-32-5-072321	7/23/2021	<0.023	U		<0.0057	U		<0.0084	U		<0.0066	U		<0.0066	U		0.0025	J		<0.0044	U		0.001	J	
	10 ft	VMP-32-5-072321-DUP	7/23/2021	<0.023	U		<0.0058	U		<0.0086	U		<0.0067	U		<0.0067	U		0.0023	J		<0.0045	U		0.00096	J	
		VMP-32-5-110121	11/1/2021	<0.021	U		<0.0052	U		<0.0077	U		<0.006	U		<0.006	U		0.0028	J		<0.0041	U		<0.035	U	
		VMP-32-10-012621	1/26/2021	<0.026	U		<0.0065	U		<0.0097	U		<0.0076	U		<0.0076	U		0.0029	J		<0.0051	U		<0.044	U	
	20 ft	VMP-32-10-051221	5/12/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0026	J		<0.0042	U		<0.036	U	
		VMP-32-10-051221-DUP	5/12/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0026	J		<0.0041	U		<0.035	U	
		VMP-32-10-072321	7/23/2021	<0.023	U		<0.0058	U		<0.0086	U		<0.0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0.039	U	
30 ft	VMP-32-10-110121	11/1/2021	<0.02	U		<0.005	U		<0.0074	U		<0.0058	U		<0.0058	U		0.0025	J		<0.0039	U		<0.034	U		
	VMP-32-20-012621	1/26/2021	<0.028	U		<0.007	U		<0.01	U		<0.0081	U		<0.0081	U		0.0024	J		<0.0054	U		0.00098	J		
	VMP-32-20-012621-DUP	1/26/2021	<0.027	U		<0.0067	U		<0.01	U		<0.0078	U		<0.0078	U		0.0028	J		<0.0052	U		0.0011	J		
30 ft	VMP-32-20-072321	7/23/2021	<0.024	U		<0.0059	U		<0.0088	U		<0.0069	U		<0.0069	U		0.0023	J		<0.0046	U		0.00086	J		
	VMP-32-20-110121	11/1/2021	<0.021	U		<0.0053	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0022	J		<0.0041	U		<0.035	U		
	VMP-32-30-012621	1/26/2021	<0.026	U		<0.0066	U		<0.0098	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		0.00085	J		
30 ft	VMP-32-30-072321	7/23/2021	<0.023	U		<0.0058	U		<0.0086	U		<0.0067	U		<0.0067	U		0.0025	J		<0.0045	U		0.0013	J		
	VMP-32-30-110121	11/1/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061												

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

Location	Depth	Sample ID	Sample Date	Chloromethane			alpha-Chlorotoluene			1,2-Dibromoethane			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene chloride)		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	0.0078			1200			270			0.099			5.6					
										Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-42	10 ft	VMP-42-10-012921	1/29/2021	<0.026	U	UJ	<0.0066	U		<0.0098	U		<0.0077	U		<0.0077	U		0.0024	J		<0.0052	U		<0.044	U	
		VMP-42-10-050521	5/5/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0024	J		<0.0041	U		<0.035	U	
		VMP-42-10-072621	7/26/2021	<0.023	U		<0.0059	U		<0.0087	U		<0.0068	U		<0.0068	U		0.0031	J		<0.0046	U		<0.039	U	
		VMP-42-10-102621	10/26/2021	<0.026	U		<0.0065	U		<0.0096	U		<0.0075	U		<0.0075	U		0.0029	J		<0.0051	U		<0.044	U	
	20 ft	VMP-42-20-012921	1/29/2021	<0.027	U	UJ	<0.0068	U		<0.01	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.046	U	
		VMP-42-20-050521	5/5/2021	<0.024	U		<0.0059	U		<0.0088	U		<0.0068	U		<0.0068	U		0.0025	J		<0.0046	U		<0.04	U	
		VMP-42-20-072621	7/26/2021	<0.023	U		<0.0057	U		<0.0084	U		<0.0066	U		<0.0066	U		0.0032	J		<0.0044	U		<0.038	U	
	30 ft	VMP-42-30-012921	1/29/2021	<0.026	U	UJ	<0.0066	U		<0.0098	U		<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.044	U	
		VMP-42-30-050521	5/5/2021	<0.024	U		<0.0059	U		<0.0088	U		<0.0068	U		<0.0068	U		0.0025	J		<0.0046	U		<0.04	U	
		VMP-42-30-102621	10/26/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0027	J		<0.0044	U		<0.038	U	
VMP-43	10 ft	VMP-43-10-012621	1/26/2021	<0.025	U		<0.0063	U		<0.0093	U		<0.0073	U		<0.0073	U		0.0025	J		<0.0049	U		<0.042	U	
		VMP-43-10-050521	5/5/2021	<0.023	U		<0.0057	U		<0.0085	U		<0.0067	U		<0.0067	U		0.0027	J		<0.0045	U		<0.038	U	
		VMP-43-10-072621	7/26/2021	<0.024	U		<0.0059	U		<0.0088	U		<0.0068	U		<0.0068	U		0.0031	J		<0.0046	U		<0.04	U	
		VMP-43-10-072621-DUP	7/26/2021	<0.023	U		<0.0057	U		<0.0085	U		<0.0067	U		<0.0067	U		0.0028	J		<0.0045	U		<0.038	U	
	20 ft	VMP-43-10-102621	10/26/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		0.0027	J		<0.0042	U		<0.036	U	
		VMP-43-20-012621	1/26/2021	<0.025	U		<0.0063	U		<0.0093	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		0.0011	J	
		VMP-43-20-050521	5/5/2021	<0.021	U		<0.0053	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0021	J		<0.0041	U		<0.035	U	
	30 ft	VMP-43-20-072621	7/26/2021	<0.024	U		<0.006	U		<0.0089	U		<0.007	U		<0.007	U		0.0027	J		<0.0047	U		<0.04	U	
		VMP-43-20-102621	10/26/2021	<0.021	U		<0.0052	U		<0.0077	U		<0.006	U		<0.006	U		0.0026	J		<0.0041	U		<0.035	U	
		VMP-43-30-022521	2/25/2021	<0.026	U		<0.0064	U		<0.0095	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.043	U	
30 ft	VMP-43-30-050521	5/5/2021	<0.023	U		<0.0057	U		<0.0085	U		<0.0067	U		<0.0067	U		0.0025	J		<0.0045	U		<0.038	U		
	VMP-43-30-072621	7/26/2021	<0.023	U		<0.0057	U		<0.0085	U		<0.0066	U		<0.0066	U		0.0038	J		<0.0045	U		<0.038	U		
	VMP-43-30-102621	10/26/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0029	J		<0.0041	U		<0.036	U		
VMP-45	10 ft	VMP-45-10-012621	1/26/2021	<0.025	U		<0.0063	U		<0.0093	U		<0.0073	U		<0.0073	U		0.002	J		<0.0049	U		<0.042	U	
		VMP-45-10-060321	6/3/2021	<0.023	U		<0.0057	U		<0.0085	U		<0.0066	U		<0.0066	U		0.0021	J		<0.0045	U		<0.038	U	
		VMP-45-10-072621	7/26/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0029	J		<0.0044	U		<0.038	U	
		VMP-45-10-102721	10/27/2021	<0.021	U		<0.0052	U		<0.0077	U		<0.006	U		<0.006	U		0.0026	J		<0.004	U		<0.035	U	
	20 ft	VMP-45-20-012621	1/26/2021	<0.025	U		<0.0063	U		<0.0093	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.042	U	
		VMP-45-20-050521	5/5/2021	<0.021	U		0.0006	J		<0.0078	U		<0.0061	J	U	<0.0061	J	U	0.0024	J		<0.0041	U		<0.035	U	
		VMP-45-20-072621	7/26/2021	<0.025	U		<0.0062	U		<0.0092	U		<0.0072	U		<0.0072	U		0.003	J		<0.0049	U		<0.042	U	
	30 ft	VMP-45-20-102721	10/27/2021	<0.02	U		<0.0049	U		<0.0073	U		<0.0057	U		<0.0057	U		0.0027	J		<0.0038	U		<0.033	U	
		VMP-45-30-012621	1/26/2021	<0.025	U		<0.0063	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.042	U	
		VMP-45-30-050521	5/5/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.0059	U		<0.0059	U		0.0023	J		<0.004	U		<0.034	U	
30 ft	VMP-45-30-050521-DUP	5/5/2021	<0.021	U		<0.0052	U		<0.0077	U		<0.006	U		<0.006	U		0.0025	J		<0.0041	U		<0.035	U		
	VMP-45-30-072621	7/26/2021	<0.023	U		<0.0059	U		<0.0087	U		<0.0068	U		<0.0068	U		0.0026	J		<0.0046	U		<0.039	U		
	VMP-45-30-102721	10/27/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0024	J		<0.0041	U		<0.035	U		
VMP-45-30-102721-DUP	10/27/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0026	J		<0.0041	U		<0.035	U			

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

Location	Depth	Sample ID	Sample Date	Chloromethane			alpha-Chlorotoluene			1,2-Dibromoethane			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene chloride)					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-012221	1/22/2021	<0.026	U		<0.0066	U		<0.0098	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.044	U				
		VMP-47-5-050621	5/6/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0022	J		<0.0042	U		<0.036	U				
		VMP-47-5-072321	7/23/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.003	J		<0.0044	U		<0.038	U				
		VMP-47-5-110121	11/1/2021	<0.02	U		<0.0049	U		<0.0073	U		<0.0057	U		<0.0057	U		0.0025	J		<0.0039	U		<0.033	U				
	10 ft	VMP-47-10-012221	1/22/2021	<0.025	U		<0.0064	U		<0.0094	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		0.01	J				
		VMP-47-10-050621	5/6/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0019	J		<0.0041	U		<0.035	U				
		VMP-47-10-072321	7/23/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0041	J		<0.0042	U		<0.036	U				
		VMP-47-10-110121	11/1/2021	<0.019	U		<0.0048	U		<0.0071	U		<0.0056	U		<0.0056	U		0.0032	J		<0.0037	U		<0.032	U				
	20 ft	VMP-47-20-012221	1/22/2021	<0.025	U		<0.0063	U		<0.0094	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.042	U				
		VMP-47-20-012221-DUP	1/22/2021	<0.025	U		<0.0062	U		<0.0092	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0049	U		0.0019	J				
		VMP-47-20-050621	5/6/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.0019	J		<0.004	U		<0.034	U				
		VMP-47-20-072321	7/23/2021	<0.022	U		<0.0055	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0031	J		<0.0043	U		<0.037	U				
30 ft	VMP-47-20-110121	11/1/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0032	J		<0.0041	U		<0.035	U					
	VMP-47-30-012221	1/22/2021	<0.026	U		<0.0066	U		<0.0098	U		<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		0.0032	J					
	VMP-47-30-050621	5/6/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0021	J		<0.0041	U		<0.035	U					
	VMP-47-30-050621-DUP	5/6/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0019	J		<0.0041	U		<0.035	U					
VMP-47-30-072321	7/23/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0033	J		<0.0041	U		<0.035	U						
VMP-47-30-110121	11/1/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.0022	J		<0.004	U		<0.034	U						
VMP-48	5 ft	VMP-48-5-012521	1/25/2021	<0.025	U		<0.0063	U		<0.0093	U		<0.0073	U		<0.0073	U		0.0028	J		<0.0049	U		<0.042	U				
		VMP-48-5-050721	5/7/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0024	J		<0.0042	U		<0.036	U				
		VMP-48-5-073021	7/30/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		<0.0051	U		<0.0042	U		<0.036	U				
		VMP-48-5-110121	11/1/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0026	J		<0.0043	U		<0.037	U				
	10 ft	VMP-48-10-012521	1/25/2021	<0.025	U		<0.0063	U		<0.0093	U		<0.0073	U		<0.0073	U		0.003	J		<0.0049	U		<0.042	U				
		VMP-48-10-050721	5/7/2021	<0.023	U		<0.0057	U		<0.0084	U		<0.0066	U		<0.0066	U		0.0025	J		<0.0044	U		<0.038	U				
		VMP-48-10-073021	7/30/2021	<0.024	U		<0.006	U		<0.0089	U		<0.007	U		<0.007	U		<0.0057	U		<0.0047	U		<0.04	U				
		VMP-48-10-110121	11/1/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0022	J		<0.0041	U		<0.036	U				
	20 ft	VMP-48-20-012521	1/25/2021	<0.026	U		<0.0064	U		<0.0095	U		<0.0074	U		<0.0074	U		0.003	J		<0.005	U		<0.043	U				
		VMP-48-20-012521-DUP	1/25/2021	<0.026	U		<0.0065	U		<0.0097	U		<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.044	U				
		VMP-48-20-110121	11/1/2021	<0.021	U		<0.0052	U		<0.0077	U		<0.006	U		<0.006	U		0.0028	J		<0.0041	U		<0.035	U				
		VMP-48-30-012521	1/25/2021	<0.025	U		<0.0063	U		<0.0094	U		<0.0073	U		<0.0073	U		0.0032	J		<0.0049	U		<0.042	U				
30 ft	VMP-48-30-050721	5/7/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0025	J		<0.0042	U		<0.036	U					
	VMP-48-30-073021	7/30/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0024	J		<0.0044	U		<0.037	U					
	VMP-48-30-073021-DUP	7/30/2021	<0.023	U		<0.0057	U		<0.0085	U		<0.0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0.038	J	U				
	VMP-48-30-110121	11/1/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.003	J		<0.0041	U		<0.036	U					
VMP-49	5 ft	VMP-49-5-012521	1/25/2021	<0.024	U		<0.0062	U		<0.0091	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0.041	U				
		VMP-49-5-050321	5/3/2021	<0.024	U		<0.006	U		<0.0089	U		<0.007	U		<0.007	U		0.0024	J		<0.0047	U		<0.04	U				
		VMP-49-5-072921	7/29/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0029	J		<0.0044	U		0.00096	J				
		VMP-49-5-102721	10/27/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0026	J		<0.0043	U		<0.037	U				
	10 ft	VMP-49-10-012521	1/25/2021	<0.023	U		<0.0058	U		<0.0086	U		<0.0067	U		<0.0067	U		0.003	J		<0.0045	U		<0.039	U				
		VMP-49-10-050321	5/3/2021	<0.023	U		<0.0057	U		<0.0085	U		<0.0067	U		<0.0067	U		0.0025	J		<0.0045	U		<0.038	U				
		VMP-49-10-072921	7/29/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		0.0022	J		<0.0042	U		0.00079	J				
		VMP-49-10-102721	10/27/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0026	J		<0.0041	U		<0.035	U				
	20 ft	VMP-49-20-012521	1/25/2021	<0.024	U		<0.006	U		<0.009	U		<0.007	U		<0.007	U		0.0028	J		<0.0047	U		<0.04	U				
		VMP-49-20-050321	5/3/2021	<0.024	U		<0.006	U		<0.0089	U		<0.007	U		<0.007	U		0.0024	J		<0.0047	U		<0.04	U				
		VMP-49-20-060321-R	6/3/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0024	J		<0.0043	U		0.0012	J				
		VMP-49-20-072921	7/29/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0026	J		<0.0044	U		<0.038	U				
30 ft	VMP-49-20-102721	10/27/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U																	

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

Location	Depth	Sample ID	Sample Date	Chloromethane			alpha-Chlorotoluene			1,2-Dibromoethane			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene chloride)		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	0.0078						1200			270			0.099			5.6		
										Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-50	5 ft	VMP-50-5-012621	1/26/2021	<0.026	U		<0.0065	U		<0.0096	U		<0.0075	U		<0.0075	U		0.0028	J		<0.005	U		<0.043	U	
		VMP-50-5-050721	5/7/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0025	J		<0.0042	U		<0.036	U	
		VMP-50-5-072321	7/23/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0037	J		<0.0042	U		<0.036	U	
	10 ft	VMP-50-10-012621	1/26/2021	<0.026	U		<0.0065	U		<0.0097	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		0.0013	J	
		VMP-50-10-050721	5/7/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0024	J		<0.0043	U		<0.037	U	
		VMP-50-10-072321	7/23/2021	<0.023	U		<0.0058	U		<0.0086	U		<0.0067	U		<0.0067	U		0.0038	J		<0.0045	U		<0.039	U	
	20 ft	VMP-50-10-102521	10/25/2021	<0.02	U		<0.005	U		<0.0075	U		<0.0059	U		<0.0059	U		0.003	J		<0.0039	U		<0.034	U	
		VMP-50-20-022521	2/25/2021	<0.027	U		<0.0068	U		<0.01	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.046	U	
		VMP-50-20-022521-DUP	2/25/2021	<0.026	U		<0.0065	U		<0.0097	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.044	U	
		VMP-50-20-050721	5/7/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0024	J		<0.0041	U		<0.035	U	
	30 ft	VMP-50-20-050721-DUP	5/7/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0027	J		<0.0041	U		<0.035	U	
		VMP-50-20-072321	7/23/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0031	J		<0.0042	U		<0.036	U	
VMP-50-20-102521		10/25/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.003	J		<0.0042	U		<0.036	U		
VMP-50-30-012621		1/26/2021	<0.52	U		<0.13	U		<0.19	U		<0.15	U		<0.15	U		<0.12	U		<0.1	U		<0.87	U		
30 ft	VMP-50-30-050721	5/7/2021	<0.42	U		<0.1	U		<0.15	U		<0.12	U		<0.12	U		<0.1	U		<0.082	U		<0.7	U		
	VMP-50-30-072321	7/23/2021	0.14	J		<0.058	U		<0.086	U		<0.067	U		<0.067	U		<0.055	U		<0.045	U		<0.39	U		
	VMP-50-30-102521	10/25/2021	<0.4	U		<0.1	U		<0.15	U		<0.12	U		<0.12	U		<0.096	U		<0.078	U		<0.67	U		
VMP-51	5 ft	VMP-51-5-012221	1/22/2021	<0.026	U		<0.0065	U		<0.0097	U		<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.044	U	
		VMP-51-5-050421	5/4/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.002	J		<0.0042	U		<0.036	U	
		VMP-51-5-072321	7/23/2021	<0.024	U		<0.0059	U		<0.0088	U		<0.0069	U		<0.0069	U		0.0033	J		<0.0046	U		<0.04	U	
		VMP-51-5-102521	10/25/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0028	J		<0.0042	U		<0.036	U	
	10 ft	VMP-51-10-012221	1/22/2021	<0.027	U		<0.0067	U		<0.0099	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		0.00097	J	
		VMP-51-10-050421	5/4/2021	<0.023	U		<0.0057	U		<0.0084	U		<0.0066	U		<0.0066	U		0.0027	J		<0.0044	U		<0.038	U	
		VMP-51-10-072321	7/23/2021	<0.024	U		<0.0059	U		<0.0088	U		<0.0069	U		<0.0069	U		0.003	J		<0.0046	U		<0.04	U	
		VMP-51-10-102521	10/25/2021	<0.023	U		<0.0057	U		<0.0085	U		<0.0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0.038	U	
	20 ft	VMP-51-20-012221	1/22/2021	<0.025	U		<0.0062	U		<0.0092	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0049	U		<0.042	U	
		VMP-51-20-050421	5/4/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0025	J		<0.0042	U		<0.036	U	
		VMP-51-20-072321	7/23/2021	<0.025	U		<0.0062	U		<0.0092	U		<0.0072	U		<0.0072	U		0.0036	J		<0.0048	U		<0.042	U	
	30 ft	VMP-51-20-102521	10/25/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0031	J		<0.0042	U		<0.036	U	
VMP-51-30-012221		1/22/2021	<0.027	U		<0.0068	U		<0.01	U		<0.0079	U		<0.0079	U		0.0035	J		<0.0053	U		0.0017	J		
VMP-51-30-050421		5/4/2021	<0.023	U		<0.0058	U		<0.0086	U		<0.0067	U		<0.0067	U		0.0034	J		<0.0045	U		<0.039	U		
VMP-51-30-072321		7/23/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0041	J		<0.0042	U		<0.036	U		
VMP-52	5 ft	VMP-51-30-102521	10/25/2021	<0.023	U		<0.0057	U		<0.0084	U		<0.0066	U		<0.0066	U		0.0034	J		<0.0044	U		<0.038	U	
		VMP-52-5-012221	1/22/2021	<0.025	U		<0.0064	U		<0.0094	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.043	U	
		VMP-52-5-012221-DUP	1/22/2021	<0.023	U		<0.0058	U		<0.0087	U		<0.0068	U		<0.0068	U		0.0023	J		<0.0046	U		<0.039	U	
		VMP-52-5-050421	5/4/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.0018	J		<0.004	U		<0.034	U	
		VMP-52-5-072221	7/22/2021	<0.023	U		<0.0058	U		<0.0087	U		<0.0068	U		<0.0068	U		0.0028	J		<0.0046	U		<0.039	U	
	10 ft	VMP-52-5-110221	11/2/2021	<0.02	U		<0.0051	U		<0.0075	U		<0.0059	U		<0.0059	U		0.002	J		<0.004	U		<0.034	U	
		VMP-52-10-012221	1/22/2021	<0.025	U		<0.0062	U		<0.0092	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0049	U		0.0021	J	
		VMP-52-10-050421	5/4/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0018	J		<0.0041	U		<0.035	U	
		VMP-52-10-072221	7/22/2021	<0.025	U		<0.0062	U		<0.0092	U		<0.0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0.042	U	
	20 ft	VMP-52-10-110221	11/2/2021	<0.021	U		<0.0052	U		<0.0077	U		<0.006	U		<0.006	U		0.0021	J		<0.004	U		<0.035	U	
		VMP-52-20-012221	1/22/2021	<0.025	U		<0.0062	U		<0.0092	U		<0.0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0.042	U	
		VMP-52-20-050421	5/4/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0025	J		<0.0042	U		<0.036	U	
VMP-52-20-072221		7/22/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		0.0027	J		<0.0042	U		<0.036	U		
VMP-52-20-110221		11/2/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		<0.0049	U		<0.004	U		<0.034	U		
30 ft	VMP-52-20-110221-DUP	11/2/2021	<0.02	U		<0.0049	U		<0.0073	U		<0.0057	U		<0.0057	U		0.0022	J		<0.0038	U		<0.033	U		
	VMP-52-30-012221	1/22/2021	<0.024	U		<0.006	U		<0.0089	U		<0.0069	U		<0.0069	U		0.0027	J		<0.0047	U		<0.04	U		
	VMP-52-30-050421	5/4/2021	0.0013	J		0.00062	J		<0.0076	U		<0.006	U		<0.006	U		0.0026	J		<0.004	U		<0.034	U		
	VMP-52-30-072221	7/22/2021	<0.023	U		<0.0058	U		<0.0087	U		<0.0068	U		<0.0068	U		0.0026	J		<0.0046	U		<0.039	U		
30 ft	VMP-52-30-110221	11/2/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.0026	J		<0.004	U		<0.034	U		

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

Location	Depth	Sample ID	Sample Date	Chloromethane			alpha-Chlorotoluene			1,2-Dibromoethane			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene chloride)		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	0.0078			1200			270			0.099			5.6					
										Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-53	5 ft	VMP-53-5-012121	1/21/2021	<0.025	U		<0.0062	U		<0.0092	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0049	U		0.0014	J	
		VMP-53-5-050421	5/4/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0023	J		<0.0041	U		<0.035	U	
		VMP-53-5-072221	7/22/2021	<0.023	U		<0.0057	U		<0.0084	U		<0.0066	U		<0.0066	U		0.0024	J		0.0023	J		0.00085	J	
		VMP-53-5-102221	10/22/2021	<0.019	U		<0.0049	U		<0.0072	U		<0.0056	U		<0.0056	U		0.0025	J		<0.0038	U		<0.033	U	
	10 ft	VMP-53-10-012121	1/21/2021	<0.025	U		<0.0064	U		<0.0094	U		<0.0074	U		<0.0074	U		0.0029	J		<0.005	U		<0.043	U	
		VMP-53-10-050421	5/4/2021	<0.02	U		<0.0049	U		<0.0073	U		<0.0057	U		<0.0057	U		0.0025	J		<0.0038	U		<0.033	U	
		VMP-53-10-050421-DUP	5/4/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0022	J		<0.0041	U		<0.035	U	
		VMP-53-10-060321-R	6/3/2021	<0.023	U		<0.0058	U		<0.0086	U		<0.0068	U		<0.0068	U		0.0023	J		<0.0046	U		<0.039	U	
	20 ft	VMP-53-10-072221	7/22/2021	<0.024	U		<0.006	U		<0.009	U		<0.007	U		<0.007	U		0.0022	J		<0.0047	U		<0.04	U	
		VMP-53-10-102221	10/22/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		0.0022	J		<0.0042	U		<0.036	U	
		VMP-53-20-012121	1/21/2021	<0.026	U		<0.0064	U		<0.0096	U		<0.0075	U		<0.0075	U		0.0026	J		<0.005	U		0.0052	J	
		VMP-53-20-050421	5/4/2021	<0.023	U		<0.0057	U		<0.0084	U		<0.0066	U		<0.0066	U		0.0026	J		<0.0044	U		<0.038	U	
	30 ft	VMP-53-20-072221	7/22/2021	<0.024	U		<0.006	U		<0.009	U		<0.007	U		<0.007	U		0.0025	J		<0.0047	U		0.00088	J	
		VMP-53-20-102221	10/22/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.0059	U		<0.0059	U		0.0023	J		<0.004	U		<0.034	U	
		VMP-53-30-012121	1/21/2021	<0.025	U		<0.0062	U		<0.0092	U		<0.0072	U		<0.0072	U		0.0029	J		<0.0049	U		0.0058	J	
		VMP-53-30-050421	5/4/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.0026	J		<0.004	U		<0.034	U	
VMP-54	5 ft	VMP-53-30-072221	7/22/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0022	J		<0.0044	U		<0.037	U	
		VMP-53-30-102221	10/22/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.002	J		<0.0041	U		<0.035	U	
		VMP-53-30-102221-DUP	10/22/2021	<0.02	U		<0.0049	U		<0.0073	U		<0.0057	U		<0.0057	U		0.0023	J		<0.0038	U		<0.033	U	
		VMP-54-5-012821	1/28/2021	<0.023	U		<0.0057	U		<0.0084	U		<0.0066	U		<0.0066	U		0.0025	J		<0.0044	U		<0.038	U	
VMP-54	5 ft	VMP-54-5-050421	5/4/2021	<0.02	U		<0.005	U		<0.0074	U		<0.0058	U		<0.0058	U		0.0019	J		<0.0039	U		<0.034	U	
		VMP-54-5-072221	7/22/2021	<0.024	U		<0.006	U		<0.0089	U		<0.007	U		<0.007	U		0.0022	J		<0.0047	U		<0.04	U	
		VMP-54-5-102921	10/29/2021	<0.02	U		<0.0049	U		<0.0073	U		<0.0057	U		<0.0057	U		0.0025	J		<0.0038	U		<0.033	U	
	10 ft	VMP-54-10-012821	1/28/2021	<0.024	U		<0.006	U		<0.0088	U		<0.0069	U		<0.0069	U		0.003	J		<0.0046	U		<0.04	U	
		VMP-54-10-012821-DUP	1/28/2021	<0.024	U		<0.0062	U		<0.0091	U		<0.0072	U		<0.0072	U		0.0028	J		<0.0048	U		<0.041	U	
		VMP-54-10-050421	5/4/2021	<0.02	U		<0.005	U		<0.0074	U		<0.0058	U		<0.0058	U		0.0019	J		<0.0039	U		<0.034	U	
	20 ft	VMP-54-10-072221	7/22/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0026	J		<0.0042	U		<0.036	U	
		VMP-54-10-102921	10/29/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.003	J		<0.004	U		<0.034	U	
		VMP-54-20-012821	1/28/2021	<0.024	U		<0.0061	U		<0.0091	U		<0.0071	U		<0.0071	U		0.0033	J		<0.0048	U		<0.041	U	
	30 ft	VMP-54-20-050421	5/4/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.002	J		<0.004	U		<0.034	U	
		VMP-54-20-072221	7/22/2021	<0.022	U		<0.0055	U		<0.0081	U		<0.0064	U		<0.0064	U		0.0024	J		<0.0043	U		<0.037	U	
		VMP-54-20-102921	10/29/2021	<0.022	U		<0.0055	U		<0.0081	U		<0.0064	U		<0.0064	U		0.0028	J		<0.0043	U		<0.037	U	
VMP-56	10 ft	VMP-54-30-012821	1/28/2021	<0.024	U		<0.0061	U		<0.0091	U		<0.0071	U		<0.0071	U		0.0028	J		<0.0048	U		<0.041	U	
		VMP-54-30-050421	5/4/2021	<0.02	U		<0.0049	U		<0.0073	U		<0.0057	U		<0.0057	U		0.0019	J		<0.0038	U		<0.033	U	
		VMP-54-30-050421-DUP	5/4/2021	<0.019	U		<0.0048	U		<0.0072	U		<0.0056	U		<0.0056	U		0.0019	J		<0.0038	U		<0.032	U	
		VMP-54-30-072221	7/22/2021	<0.024	U		<0.006	U		<0.009	U		<0.007	U		<0.007	U		0.0023	J		<0.0047	U		<0.041	U	
VMP-56	10 ft	VMP-54-30-102921	10/29/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0026	J		<0.0043	U		<0.037	U	
		VMP-56-10-012121	1/21/2021	<0.027	U		<0.0068	U		<0.01	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.046	U	
		VMP-56-10-050521	5/5/2021	<0.024	U		<0.0061	U		<0.0091	U		<0.0071	U		<0.0071	U		0.0024	J		<0.0048	U		<0.041	U	
		VMP-56-10-072621	7/26/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0029	J		<0.0044	U		<0.037	U	
	25 ft	VMP-56-10-102221	10/22/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0024	J		<0.0043	U		<0.037	U	
		VMP-56-25-012121	1/21/2021	<0.026	U		<0.0065	U		<0.0097	U		<0.0076	U		<0.0076	U		0.0029	J		<0.0051	U		<0.044	U	
		VMP-56-25-012121-DUP	1/21/2021	<0.026	U		<0.0065	U		<0.0096	U		<0.0075	U		<0.0075	U		0.0026	J		<0.005	U		0.00088	J	
		VMP-56-25-050521	5/5/2021	<0.024	U		<0.006	U		<0.009	U		<0.007	U		<0.007	U		0.0029	J		<0.0047	U		<0.041	U	
VMP-56	25 ft	VMP-56-25-050521-DUP	5/5/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0025	J		<0.0043	U		<0.037	U	
		VMP-56-25-072621	7/26/2021	<0.023	U		<0.0058	U		<0.0086	U		<0.0068	U		<0.0068	U		0.0033	J		<0.0046	U		<0.039	U	
		VMP-56-25-102221	10/22/2021	<0.023	U		<0.0058	U		<0.0086	U		<0.0068	U		<0.0068	U		<0.0056	U		<0.004					

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

Location	Depth	Sample ID	Sample Date	Chloromethane			alpha-Chlorotoluene			1,2-Dibromoethane			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene chloride)					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-012221	1/22/2021	<0.024	U		<0.006	U		<0.009	U		<0.007	U		<0.007	U		0.0026	J		<0.0047	U		<0.04	U				
		VMP-62-5-050621	5/6/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.0021	J		<0.004	U		<0.034	U				
		VMP-62-5-072321	7/23/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.0036	J		<0.004	U		<0.034	U				
		VMP-62-5-110121	11/1/2021	<0.02	U		<0.0049	U		<0.0073	U		<0.0057	U		<0.0057	U		0.0055			<0.0038	U		<0.033	U				
	10 ft	VMP-62-10-012221	1/22/2021	<0.026	U		<0.0064	U		<0.0095	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.043	U				
		VMP-62-10-050621	5/6/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.0022	J		<0.004	U		<0.034	U				
		VMP-62-10-072321	7/23/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0041	J		<0.0044	U		<0.038	U				
		VMP-62-10-110121	11/1/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0031	J		<0.0041	U		<0.035	U				
	20 ft	VMP-62-20-050621	5/6/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.002	J		<0.0041	U		<0.035	U				
		VMP-62-20-072321	7/23/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0038	J		0.022			0.0029	J				
		VMP-62-20-110121	11/1/2021	<0.02	U		<0.0051	U		<0.0075	U		<0.0059	U		<0.0059	U		0.0024	J		<0.004	U		<0.034	U				
		VMP-62-30-012221	1/22/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0021	J		<0.0043	U		<0.037	U				
	30 ft	VMP-62-30-050621	5/6/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.0021	J		<0.004	U		<0.034	U				
VMP-62-30-072321		7/23/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.004	J		<0.0044	U		<0.038	U					
VMP-62-30-110121		11/1/2021	<0.02	U		<0.0051	U		<0.0075	U		<0.0059	U		<0.0059	U		0.0032	J		<0.004	U		<0.034	U					
VMP-62-30-110121-DUP		11/1/2021	<0.019	U		<0.0048	U		<0.0071	U		<0.0056	U		<0.0056	U		0.0036	J		<0.0038	U		<0.032	U					
VMP-63	5 ft	VMP-63-5-012921	1/29/2021	<0.025	U	UJ	<0.0063	U		<0.0093	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.042	U				
		VMP-63-5-050521	5/5/2021	<0.023	U		<0.0058	U		<0.0086	U		<0.0068	U		<0.0068	U		0.0024	J		<0.0046	U		<0.039	U				
		VMP-63-5-072621	7/26/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0029	J		<0.0042	U		<0.036	U				
		VMP-63-5-102621	10/26/2021	<0.026	U		<0.0066	U		<0.0099	U		<0.0077	U		<0.0077	U		0.0026	J		<0.0052	U		<0.045	U				
	10 ft	VMP-63-10-012921	1/29/2021	<0.11	U	UJ	<0.027	U		<0.04	U		<0.032	U		<0.032	U		<0.026	U		<0.021	U		<0.18	U				
		VMP-63-10-050521	5/5/2021	<0.022	U		<0.0055	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0026	J		<0.0043	U		<0.037	U				
		VMP-63-10-072621	7/26/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		0.0029	J		<0.0042	U		<0.036	U				
		VMP-63-10-102621	10/26/2021	<0.025	U		<0.0063	U		<0.0094	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.042	U				
	20 ft	VMP-63-20-012921	1/29/2021	<0.027	U		<0.0068	U		<0.01	U		<0.0079	U		<0.0079	U		0.0032	J		<0.0053	U		<0.046	U				
		VMP-63-20-050521	5/5/2021	<0.024	U		<0.006	U		<0.009	U		<0.007	U		<0.007	U		0.0025	J		<0.0047	U		<0.04	U				
		VMP-63-20-072621	7/26/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0035	J		<0.0044	U		<0.038	U				
		VMP-63-20-102621	10/26/2021	<0.026	U		<0.0064	U		<0.0095	U		<0.0074	U		<0.0074	U		0.0028	J		<0.005	U		<0.043	U				
	30 ft	VMP-63-30-012921	1/29/2021	<0.026	U		<0.0065	U		<0.0096	U		<0.0075	U		<0.0075	U		0.0034	J		<0.0051	U		<0.044	U				
VMP-63-30-050521		5/5/2021	<0.023	U		<0.0057	U		<0.0085	U		<0.0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0.038	U					
VMP-63-30-072621		7/26/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0029	J		<0.0041	U		<0.036	U					
VMP-63-30-072621-DUP		7/26/2021	<0.022	U		<0.0054	U		<0.008	U		<0.0063	U		<0.0063	U		0.0031	J		<0.0042	U		<0.036	U					
VMP-63-30-102621		10/26/2021	<0.024	U		<0.0061	U		<0.0091	U		<0.0071	U		<0.0071	U		0.0026	J		<0.0048	U		<0.041	U					
VMP-63-30-102621-DUP	10/26/2021	<0.024	U		<0.0061	U		<0.0091	U		<0.0071	U		<0.0071	U		0.0031	J		<0.0048	U		<0.041	U						

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

Location	Depth	Sample ID	Sample Date	Chloromethane			alpha-Chlorotoluene			1,2-Dibromoethane			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene chloride)		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-012221	1/22/2021	<0.026	U		<0.0064	U		<0.0095	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		0.0066	J	
		VMP-64-5-050621	5/6/2021	<0.023	U		<0.0057	U		<0.0084	U		<0.0066	U		<0.0066	U		0.0019	J		<0.0044	U		<0.038	U	
		VMP-64-5-073021	7/30/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0053	U		<0.0044	U		<0.038	U	
		VMP-64-5-110121	11/1/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0025	J		<0.0042	U		<0.036	U	
	10 ft	VMP-64-10-012221	1/22/2021	<0.023	U		<0.0059	U		<0.0087	U		<0.0068	U		<0.0068	U		0.002	J		<0.0046	U		<0.039	U	
		VMP-64-10-050621	5/6/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.002	J		<0.0043	U		<0.037	U	
		VMP-64-10-073021	7/30/2021	<0.024	U		<0.0059	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0057	U		<0.0046	U		<0.04	U	
		VMP-64-10-110121	11/1/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.0022	J		<0.004	U		<0.034	U	
	20 ft	VMP-64-20-012221	1/22/2021	<0.024	U		<0.0062	U		<0.0091	U		<0.0072	U		<0.0072	U		0.0031	J		<0.0048	U		<0.041	U	
		VMP-64-20-050621	5/6/2021	<0.024	U		<0.006	U		<0.009	U		<0.007	U		<0.007	U		0.0019	J		<0.0047	U		<0.041	U	
VMP-64-20-073021		7/30/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0053	U		<0.0044	U		<0.037	U		
VMP-64-20-110121		11/1/2021	<0.021	U		<0.0052	U		<0.0077	U		<0.006	U		<0.006	U		0.0026	J		<0.0041	U		<0.035	U		

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

Location	Depth	Sample ID	Sample Date	1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Heptane			Hexachlorobutadiene			Hexane		
				0.31			0.22						1.3														
				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-1	5 ft	VMP-1-5-012921	1/29/2021	<0.0053	U		<0.016	U		0.0087	J		<0.005	U		<0.0056	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-1-5-050521	5/5/2021	<0.005	U		<0.016	U		<0.02	U		<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-1-5-072621	7/26/2021	<0.005	U		<0.016	U		<0.02	U		<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-1-5-102621	10/26/2021	<0.0053	U		<0.016	U		<0.022	U		<0.005	U		<0.0056	U		<0.0047	U		<0.049	U		<0.004	U	
	8.5 ft	VMP-1-8.5-012921	1/29/2021	<0.0055	U		<0.017	U		<0.022	U		<0.0052	U		<0.0059	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-1-8.5-050521	5/5/2021	<0.0051	U		<0.016	U		<0.021	U		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0038	U	
		VMP-1-8.5-072621	7/26/2021	<0.0053	U		<0.017	U		0.023			<0.005	U		<0.0057	U		<0.0047	U		<0.049	U		0.0031	J	
		VMP-1-8.5-102621	10/26/2021	<0.0059	U		<0.018	U		<0.024	U		<0.0055	U		<0.0062	U		<0.0052	U		<0.054	U		<0.0045	U	
	23.5 ft	VMP-1-23.5-012921	1/29/2021	<0.006	U		<0.018	U		<0.024	U		<0.0056	U		<0.0063	U		<0.0053	U		<0.055	U		0.0036	J	
		VMP-1-23.5-012921-DUP	1/29/2021	<0.0061	U		<0.019	U		<0.025	U		<0.0057	U		<0.0065	U		<0.0054	U		<0.056	U		0.0027	J	
		VMP-1-23.5-072621	7/26/2021	<0.0054	U		<0.017	U		0.0062	J		<0.005	U		<0.0057	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-1-23.5-102621	10/26/2021	<0.0059	U		0.0024	J		0.012	J		<0.0055	U		<0.0062	U		<0.0052	U		<0.054	U		<0.0045	U	
38.5 ft	VMP-1-38.5-012921	1/29/2021	<0.0054	U		<0.017	U		<0.022	U		<0.005	U		<0.0057	U		<0.0048	U		<0.05	U		<0.0041	U		
	VMP-1-38.5-050521	5/5/2021	<0.0052	U		<0.016	U		<0.021	U		<0.0048	U		<0.0055	U		<0.0046	U		<0.048	U		<0.0039	U		
	VMP-1-38.5-072621	7/26/2021	<0.0054	U		0.0024	J		0.0082	J		<0.0051	U		<0.0058	U		<0.0048	U		<0.05	U		0.0022	J		
	VMP-1-38.5-102621	10/26/2021	<0.0058	U		<0.018	U		<0.023	U		<0.0054	U		<0.0061	U		<0.0051	U		<0.053	U		<0.0044	U		
VMP-2	5 ft	VMP-2-5-012521	1/25/2021	<0.006	U		<0.018	U		<0.024	J	U	<0.0056	U		<0.0063	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-2-5-050721	5/7/2021	<0.0047	U		<0.014	U		0.0052	J	J	<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		<0.0036	U	
		VMP-2-5-072921	7/29/2021	<0.005	U		<0.015	U		0.36			<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		0.003	J	
		VMP-2-5-102521	10/25/2021	<0.0048	U		<0.015	U		<0.02	U		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
	8.5 ft	VMP-2-8.5-012521	1/25/2021	<0.0059	U		<0.018	U		0.0078	J		<0.0056	U		<0.0063	U		0.0028	J		<0.055	U		0.0032	J	
		VMP-2-8.5-050721	5/7/2021	<0.0048	U		<0.015	U		<0.019	U	UJ	<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U	
		VMP-2-8.5-072921	7/29/2021	<0.0057	U		<0.018	U		0.022	J		<0.0053	U		<0.006	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-2-8.5-102521	10/25/2021	<0.005	U		<0.016	U		<0.02	U		0.0015	J		0.004	J		0.0026	J		<0.046	U		0.0048		
	22 ft	VMP-2-22-012521	1/25/2021	<0.0058	U		<0.018	U		<0.024	U		<0.0055	U		<0.0062	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-2-22-050721	5/7/2021	<0.0048	U		<0.015	U		<0.02	U	UJ	<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		0.00096	J	
VMP-2-22-072921		7/29/2021	<0.0054	U		<0.017	U		0.043			<0.005	U		<0.0057	U		<0.0048	U		<0.05	U		<0.0041	U		
VMP-2-22-102521		10/25/2021	<0.0049	U		0.016			0.014	J		<0.0046	U		<0.0052	U		<0.0044	U		<0.045	U		<0.0038	U		
VMP-3	5 ft	VMP-3-5-012521	1/25/2021	<0.0062	U		<0.019	U		0.0045	J		<0.0058	U		<0.0066	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-3-5-051021	5/10/2021	<0.0047	U		<0.015	U		<0.019	U		<0.0044	U		<0.005	U		<0.0042	U		<0.043	U		<0.0036	U	
		VMP-3-5-072721	7/27/2021	<0.0054	U		<0.017	U		0.012	J		<0.0051	U		<0.0058	U		<0.0048	U		<0.05	U		<0.0042	U	
		VMP-3-5-102721	10/27/2021	<0.0047	U		<0.015	U		0.025			<0.0044	U		<0.005	U		<0.0042	U		<0.043	U		0.0021	J	
	10 ft	VMP-3-10-051021	5/10/2021	<0.0046	U		<0.014	U		<0.019	U		<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		<0.0035	U	
		VMP-3-10-072721	7/27/2021	<0.0052	U		<0.016	U		0.011	J		<0.0049	U		<0.0055	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-3-10-102721	10/27/2021	<0.0049	U		<0.015	U		<0.02	U		<0.0046	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-3-22-012521	1/25/2021	<0.0058	U		<0.018	U		0.0054	J		<0.0055	U		<0.0062	U		<0.0052	U		<0.054	U		<0.0044	U	
	22 ft	VMP-3-22-051021	5/10/2021	<0.0046	U		<0.014	U		<0.019	U		<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		<0.0035	U	
		VMP-3-22-051021-DUP	5/10/2021	<0.0046	U		<0.014	U		<0.019	U		<0.0043	U		<0.0049	U		0.0022	J		<0.042	U		0.005		
		VMP-3-22-072721	7/27/2021	<0.0054	U		<0.017	U		0.0053	J		<0.005	U		<0.0057	U		<0.0048	U		<0.049	U		<0.0041	U	
		VMP-3-22-102721	10/27/2021	<0.005	U		<0.016	U		<0.02	U		<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
31.5 ft	VMP-3-31.5-012521	1/25/2021	<0.006	U		<0.018	U		0.0048	J		<0.0056	U		<0.0063	U		<0.0053	U		<0.055	U		<0.0045	U		
	VMP-3-31.5-051021	5/10/2021	<0.0046	U		<0.014	U		<0.019	U		<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		<0.0035	U		
	VMP-3-31.5-072721	7/27/2021	<1.3	U		<4.1	U		<2.1	U	UJ	<1.2	U		<1.4	U		<1.2	U		<12	U		1.2			
	VMP-3-31.5-102721	10/27/2021	<0.0048	U		<0.015	U		<0.02	U		<0.0045	U		<0.0051	U		<0.0043	U		<0.044	U		<0.0037	U		

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

Location	Depth	Sample ID	Sample Date	1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Heptane			Hexachlorobutadiene			Hexane		
				0.31			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-4-5-012821	1/28/2021	<0.0052	U		<0.016	U		0.0054	J		<0.0049	U		<0.0056	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-4-5-050521	5/5/2021	<0.0048	U		<0.015	U		0.006	J		<0.0045	U		<0.0051	U		<0.0043	U		<0.044	U		<0.0037	U	
		VMP-4-5-072921	7/29/2021	<0.0052	U		<0.016	U		0.007	J		<0.0048	U		<0.0055	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-4-5-102521	10/25/2021	<0.0044	U		<0.014	U		0.0099	J		<0.0042	U		<0.0047	U		<0.0039	U		<0.041	U		<0.0034	U	
	12 ft	VMP-4-12-012821	1/28/2021	<0.0052	U		<0.016	U		0.0031	J		<0.0048	U		<0.0055	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-4-12-050521	5/5/2021	<0.0052	U		0.0023	J		0.0038	J		<0.0049	U		<0.0055	U		<0.0046	U		<0.048	U		0.0056		
		VMP-4-12-072921	7/29/2021	<0.0048	U		<0.015	U		0.049			<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U	
	23.5 ft	VMP-4-12-102521	10/25/2021	<0.0048	U		<0.015	U		<0.019	U		<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U	
		VMP-4-23.5-012821	1/28/2021	<0.0055	U		<0.017	U		0.005	J		<0.0052	U		<0.0059	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-4-23.5-050521	5/5/2021	<0.0052	U		0.0016	J		<0.021	U		<0.0049	U		<0.0055	U		<0.0046	U		<0.048	U		<0.0039	U	
VMP-5	5 ft	VMP-4-23.5-072921	7/29/2021	<0.0048	U		<0.015	U		0.018	J		<0.0045	U		<0.0051	U		<0.0043	U		<0.044	U		<0.0037	U	
		VMP-4-23.5-102521	10/25/2021	<0.0046	U		<0.014	U		<0.019	U		<0.0043	U		<0.0049	U		<0.0041	U		<0.043	U		<0.0035	U	
		VMP-5-5-012221	1/22/2021	<0.0058	U		<0.018	U		0.0077	J		<0.0054	U		<0.0062	U		0.00058	J		<0.054	U		<0.0044	U	
		VMP-5-5-050621	5/6/2021	<0.0046	U		0.004	J		0.0057	J		<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		<0.0035	U	
VMP-5	12.5 ft	VMP-5-5-072821	7/28/2021	<0.0053	U		<0.017	U		<0.022	U		<0.005	U		<0.0057	U		<0.0047	U		<0.049	U		<0.0041	U	
		VMP-5-5-102521	10/25/2021	<0.0049	U		<0.015	U		<0.02	U		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-5-12.5-012221	1/22/2021	<0.0067	U		<0.021	U		0.012	J		<0.0063	U		<0.0071	U		0.00057	J		<0.062	U		<0.0051	U	
		VMP-5-12.5-050621	5/6/2021	<0.0048	U		<0.015	U		0.0066	J		<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U	
	31 ft	VMP-5-12.5-050621-DUP	5/6/2021	<0.0049	U		<0.015	U		<0.02	U		<0.0046	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-5-12.5-072821	7/28/2021	<0.0053	U		<0.016	U		0.013	J		<0.005	U		<0.0056	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-5-12.5-072821-DUP	7/28/2021	<0.0054	U		<0.017	U		0.015	J		<0.005	U		<0.0057	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-5-12.5-102521	10/25/2021	<0.0048	U		<0.017	U		0.0017	J		<0.0045	U		<0.0051	U		<0.0043	U		<0.044	U		<0.0037	U	
VMP-6	5 ft	VMP-5-12.5-102521-DUP	10/25/2021	<0.0048	U		0.0021	J		<0.02	U		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-5-31-012221	1/22/2021	<0.0057	U		<0.018	U		0.0089	J		<0.0053	U		0.00095	J		<0.005	U		0.0084	J		<0.0043	U	
		VMP-5-31-050621	5/6/2021	<0.0047	U		<0.014	U		0.056			0.0022	J		0.0038	J		0.0093			<0.043	U		0.0077		
		VMP-5-31-072821	7/28/2021	<0.0054	U		<0.017	U		0.015	J		<0.0051	U		<0.0058	U		<0.0048	U		<0.05	U		0.01		
VMP-6	5 ft	VMP-5-31-102521	10/25/2021	<0.0048	U		<0.015	U		<0.02	U		<0.0045	U		<0.0051	U		<0.0043	U		<0.044	U		<0.0037	U	
		VMP-6-5-012921	1/29/2021	<0.0056	U		<0.018	U		<0.023	U		<0.0053	U		<0.006	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-6-5-050621	5/6/2021	<0.0051	U		<0.016	U		0.0056	J		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		0.0022	J	
		VMP-6-5-072921	7/29/2021	<0.0052	U		0.0048	J		0.0052	J		<0.0049	U		<0.0055	U		<0.0046	U		<0.048	U		0.0043		
	10 ft	VMP-6-5-102521	10/25/2021	<0.0048	U		<0.015	U		<0.02	U		<0.0045	U		<0.0051	U		<0.0043	U		<0.044	U		<0.0037	U	
		VMP-6-10-050621	5/6/2021	<0.0048	U		<0.015	U		<0.02	U		<0.0046	U		0.0034	J		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-6-10-072921	7/29/2021	<0.0053	U		<0.016	U		0.017	J		<0.005	U		<0.0056	U		<0.0047	U		<0.049	U		<0.004	U	
	31.5 ft	VMP-6-10-102521	10/25/2021	<0.0048	U		<0.015	U		<0.02	U		<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U	
		VMP-6-31.5-012921	1/29/2021	<0.0058	U		<0.018	U		<0.024	U		<0.0054	U		<0.0062	U		<0.0051	U		<0.054	U		0.0049		
		VMP-6-31.5-012921-DUP	1/29/2021	<0.0064	U		<0.02	U		<0.026	U		<0.006	U		<0.0068	U		<0.0056	U		<0.059	U		0.0044	J	
VMP-6-31.5-050621		5/6/2021	<0.0048	U		0.16			0.0067	J		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U		
VMP-6-31.5-072921		7/29/2021	<0.005	U		<0.016	U		0.036			<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U		
VMP-6-31.5-072921-DUP		7/29/2021	<0.0049	U		<0.015	U		0.041			<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		0.00096	J		
39 ft	VMP-6-31.5-102521	10/25/2021	<0.0044	U		<0.014	U		<0.018	U		<0.0041	U		<0.0047	U		<0.0039	U		<0.04	U		<0.0033	U		
		VMP-6-39-102521	10/25/2021	<0.0046	U		<0.014	U		<0.019	U		<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		0.0018	J	

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

Location	Depth	Sample ID	Sample Date	1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Heptane			Hexachlorobutadiene			Hexane		
				0.31			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-7	5 ft	VMP-7-5-012621	1/26/2021	<0.0058	U		<0.018	U		<0.024	U		<0.0055	U		<0.0062	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-7-5-050521	5/5/2021	<0.0051	U		<0.016	U		<0.021	U		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-7-5-072621	7/26/2021	<0.0048	U		<0.015	U		0.0064	J		<0.0045	U		<0.0051	U		<0.0043	U		<0.044	U		<0.0037	U	
		VMP-7-5-102721	10/27/2021	<0.0047	U		0.0026	J		0.035			<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		0.0014	J	
	13.5 ft	VMP-7-13.5-012621	1/26/2021	<0.0057	U		<0.018	U		0.0076	J		<0.0054	U		<0.0061	U		<0.0051	U		<0.053	U		0.00093	J	
		VMP-7-13.5-050521	5/5/2021	<0.005	U		<0.016	U		0.016	J		<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-7-13.5-072621	7/26/2021	<0.0059	U		<0.018	U		<0.024	U		<0.0055	U		<0.0062	U		0.0024	J		<0.054	U		0.013		
	29.5 ft	VMP-7-13.5-102721	10/27/2021	<0.0046	U		<0.014	U		<0.019	U		<0.0043	U		<0.0049	U		<0.0041	U		<0.043	U		<0.0035	U	
		VMP-7-29.5-012621	1/26/2021	<0.0057	U		<0.018	U		<0.023	U		<0.0054	U		<0.0061	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-7-29.5-050521	5/5/2021	<0.0047	U		<0.015	U		<0.019	U		<0.0044	U		<0.005	U		<0.0042	U		<0.043	U		<0.0036	U	
VMP-7-29.5-072621		7/26/2021	<0.0051	U		<0.016	U		0.015	J		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0039	U		
VMP-7-29.5-102721	10/27/2021	<0.0045	U		<0.014	U		<0.018	U		<0.0042	U		<0.0048	U		<0.004	U		<0.041	U		<0.0034	U			
VMP-7-29.5-102721-DUP	10/27/2021	<0.0046	U		<0.014	U		0.01	J		<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		<0.0035	U			
VMP-8	5 ft	VMP-8-5-012121	1/21/2021	<0.0057	U		<0.018	U		0.026			<0.0053	U		<0.006	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-8-5-050421	5/4/2021	<0.0042	U		<0.013	U		<0.017	U		<0.004	U		<0.0045	U		<0.0037	U		<0.039	U		<0.0032	U	
		VMP-8-5-072221	7/22/2021	<0.0053	U		<0.016	U		0.0077	J	J	<0.0049	U		<0.0056	U		0.0017	J		<0.049	U		0.023		
		VMP-8-5-102921	10/29/2021	<0.0052	U		<0.016	U		<0.021	U	UJ	<0.0049	U		<0.0055	U		<0.0046	U		<0.048	U		<0.0039	U	
	9.5 ft	VMP-8-9.5-012121	1/21/2021	<0.0057	U		<0.018	U		0.052			<0.0054	U		<0.0061	U		<0.0051	U		<0.053	U		0.0033	J	
		VMP-8-9.5-050421	5/4/2021	<0.0046	U		<0.014	U		0.0046	J		<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		<0.0035	U	
		VMP-8-9.5-072221	7/22/2021	<0.0051	U		<0.016	U		0.0092	J		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0039	U	
	23.5 ft	VMP-8-23.5-012121	1/21/2021	<0.0062	U		<0.019	U		0.031			<0.0058	U		<0.0066	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-8-23.5-050421	5/4/2021	<0.0043	U		0.0015	J		<0.018	U		<0.004	U		<0.0046	U		<0.0038	U		<0.04	U		<0.0033	U	
		VMP-8-23.5-072221	7/22/2021	<0.0052	U		<0.016	U		0.0062	J		<0.0049	U		<0.0056	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-8-23.5-072221-DUP	7/22/2021	<0.0053	U		<0.016	U		0.014	J		<0.005	U		<0.0056	U		<0.0047	U		<0.049	U		<0.004	U	
	35.5 ft	VMP-8-35.5-012121	1/21/2021	<0.0058	U		<0.018	U		0.0072	J		<0.0055	U		<0.0062	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-8-35.5-050421	5/4/2021	<0.0047	U		0.0018	J		<0.019	U		<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		<0.0036	U	
		VMP-8-35.5-072221	7/22/2021	<0.0049	U		<0.015	U		0.0061	J		<0.0046	U		<0.0052	U		0.0011	J		<0.045	U		<0.0037	U	
VMP-9	5 ft	VMP-9-5-012121	1/21/2021	<0.0058	U		<0.018	U		0.0092	J		<0.0054	U		<0.0061	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-9-5-050421	5/4/2021	<0.0048	U		<0.015	U		0.0063	J		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-9-5-072221	7/22/2021	<0.0049	U		<0.015	U		0.023			<0.0046	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-9-5-072221-DUP	7/22/2021	<0.0049	U		<0.015	U		0.0061	J	J	<0.0046	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
	11.5 ft	VMP-9-5-102221	10/22/2021	<0.005	U		<0.016	U		<0.02	U		0.0022	J		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-9-11.5-012121	1/21/2021	<0.006	U		<0.019	U		0.029			<0.0056	U		<0.0064	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-9-11.5-050421	5/4/2021	<0.0049	U		<0.015	U		0.0054	J		<0.0046	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
	25.5 ft	VMP-9-11.5-072221	7/22/2021	<0.0048	U		<0.015	U		0.026		J	<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		0.0023	J	
		VMP-9-11.5-102221	10/22/2021	<0.0049	U		<0.015	U		<0.02	U		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-9-25.5-012121	1/21/2021	<0.0058	U		<0.018	U		0.038			<0.0055	U		<0.0062	U		<0.0052	U		<0.054	U		0.0011	J	
		VMP-9-25.5-050421	5/4/2021	<0.0048	U		<0.015	U		<0.019	U		<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U	
	38.5 ft	VMP-9-25.5-072221	7/22/2021	<0.0052	U		0.003	J		0.04			<0.0049	U		<0.0055	U		0.003	J		<0.048	U		0.0077		
		VMP-9-25.5-102221	10/22/2021	<0.0049	U		<0.015	U		<0.02	U		<0.0046	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-9-38.5-012121	1/21/2021	<0.006	U		<0.019	U		0.022	J		0.0022	J		0.0018	J		<0.0054	U		<0.056	U		<0.0046	U	
VMP-9-38.5-012121-DUP		1/21/2021	<0.006	U		<0.019	U		0.04			0.011			0.0038	J		0.0024	J		<0.055	U		0.0032	J		
VMP-18	8.5 ft	VMP-9-38.5-102221	10/22/2021	<0.0047	U		<0.014	U		<0.019	U		<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		<0.0036	U	
		VMP-18-8.5-012621	1/26/2021	<0.006	U		<0.018	U		0.003	J		<0.0056	U		<0.0063	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-18-8.5-072221	7/22/2021	<0.0054	U		0.0046	J		0.018	J	J	<0.0051	U		<0.0058	U		<0.0048	U		<0.05	U		<0.0042	U	
VMP-19	5 ft	VMP-18-8.5-110221	11/2/2021	<0.0046	U		<0.014	U		<0.019	U		<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		<0.0035	U	
		VMP-19-5-012621	1/26/2021	<0.0057	U</																						

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

Location	Depth	Sample ID	Sample Date	1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Heptane			Hexachlorobutadiene			Hexane		
				0.31			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-20	5 ft	VMP-20-5-012521	1/25/2021	<0.0054	U		<0.017	U		<0.022	J	U	<0.005	U		<0.0057	U		<0.0048	U		<0.05	U		0.0016	J	
		VMP-20-5-050721	5/7/2021	<0.0046	U		<0.014	U		<0.019	U	UJ	<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		<0.0035	U	
		VMP-20-5-072721	7/27/2021	<0.0054	U		<0.017	U		0.013	J	J	<0.005	U		<0.0057	U		<0.0048	U		0.037	J		<0.0041	U	
		VMP-20-5-110121	11/1/2021	<0.0048	U		<0.015	U		<0.02	U	UJ	<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U	
	10 ft	VMP-20-10-012521	1/25/2021	<0.0055	U		<0.017	U		<0.022	J	U	<0.0052	U		<0.0058	U		<0.0049	U		<0.051	U		0.0017	J	
		VMP-20-10-050721	5/7/2021	<0.0044	U		<0.014	U		<0.018	U	UJ	<0.0041	U		<0.0047	U		<0.0039	U		<0.04	U		<0.0033	U	
		VMP-20-10-072721	7/27/2021	<0.0049	U		<0.015	U		0.012	J	J	<0.0046	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-20-10-072721-DUP	7/27/2021	<0.0048	U		<0.015	U		0.011	J	J	<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
	25 ft	VMP-20-25-012521	1/25/2021	<0.0056	U		<0.017	U		<0.023	J	U	<0.0052	U		<0.0059	U		<0.005	U		<0.052	U		0.001	J	
		VMP-20-25-050721	5/7/2021	<0.0045	U		<0.014	U		<0.018	U	UJ	<0.0042	U		<0.0048	U		<0.004	U		<0.041	U		<0.0034	U	
		VMP-20-25-050721-DUP	5/7/2021	<0.0044	U		<0.014	U		0.004	J		<0.0041	U		<0.0047	U		<0.0039	U		<0.04	J	U	<0.0033	U	
		VMP-20-25-072721	7/27/2021	<0.005	U		<0.015	U		0.097	JO	J	<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
VMP-21	5 ft	VMP-21-5-012521	1/25/2021	<0.006	U		<0.018	U		<0.024	J	U	<0.0056	U		<0.0063	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-21-5-050321	5/3/2021	<0.005	U		<0.016	U		<0.02	U		<0.0047	U		<0.0054	U		<0.0045	U		<0.046	U		<0.0038	U	
		VMP-21-5-072921	7/29/2021	<0.0049	U		<0.015	U		0.073			<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-21-5-102521	10/25/2021	<0.0049	U		<0.015	U		<0.02	U		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
	10 ft	VMP-21-10-012521	1/25/2021	<0.0061	U		<0.019	U		0.0077	J		<0.0057	U		<0.0065	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-21-10-012521-DUP	1/25/2021	<0.006	U		<0.018	U		<0.024	J	U	<0.0056	U		<0.0063	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-21-10-050321	5/3/2021	<0.005	U		<0.015	U		<0.02	U		<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-21-10-060321-R	6/3/2021	<0.0052	U		<0.016	U		0.015	J		0.0015	J		<0.0055	U		0.0058			0.012	J		0.026	J	
	25 ft	VMP-21-10-072921	7/29/2021	<0.0047	U		<0.015	U		0.029			<0.0044	U		<0.005	U		<0.0042	U		<0.044	U		<0.0036	U	
		VMP-21-10-102521	10/25/2021	<0.0048	U		<0.015	U		<0.02	U		<0.0045	U		<0.0051	U		<0.0043	U		<0.044	U		<0.0037	U	
		VMP-21-25-012521	1/25/2021	<0.0058	U		<0.018	U		<0.024	J	U	<0.0055	U		<0.0062	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-21-25-050321	5/3/2021	<0.0052	U		<0.016	U		<0.021	U		<0.0049	U		<0.0056	U		<0.0046	U		<0.048	U		<0.004	U	
33 ft	VMP-21-25-050321-DUP	5/3/2021	<0.005	U		<0.016	U		<0.02	U		<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U		
	VMP-21-25-072921	7/29/2021	<0.005	U		<0.015	U		0.028			<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U		
	VMP-21-25-102521	10/25/2021	<0.0048	U		<0.015	U		<0.02	U		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U		
	VMP-21-33-012521	1/25/2021	<0.0056	U		<0.017	U		<0.023	J	U	<0.0052	U		<0.0059	U		0.0014	J		<0.052	U		0.0021	J		
VMP-22	5 ft	VMP-21-33-050321	5/3/2021	<0.0053	U		<0.016	U		<0.022	U		<0.005	U		<0.0056	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-21-33-072921	7/29/2021	<0.0049	U		<0.015	U		0.075			<0.0046	U		0.0069			<0.0043	U		<0.045	U		0.0028	J	
		VMP-21-33-102521	10/25/2021	<0.0045	U		<0.014	U		<0.018	U		<0.0042	U		<0.0048	U		<0.004	U		<0.041	U		<0.0034	U	
		VMP-21-33-102521-DUP	10/25/2021	<0.0044	U		<0.014	U		<0.018	U		<0.0041	U		<0.0046	U		<0.0039	U		<0.04	U		<0.0033	U	
VMP-22	5 ft	VMP-22-5-012621	1/26/2021	<0.0063	U		<0.02	U		<0.026	U	UJ	<0.0059	U		<0.0067	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-22-5-050321	5/3/2021	<0.0054	U		0.0032	J		<0.022	U		<0.005	U		<0.0057	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-22-5-072321	7/23/2021	<0.0048	U		<0.015	U		0.015	J		<0.0045	U		<0.0051	U		0.00079	J		<0.044	U		0.0013	J	
		VMP-22-5-072321-DUP	7/23/2021	<0.0048	U		<0.015	U		0.008	J		<0.0045	U		<0.0051	U		<0.0043	U		<0.044	U		<0.0037	U	
	10 ft	VMP-22-5-110121	11/1/2021	<0.0047	U		<0.014	U		<0.019	U	UJ	<0.0044	U		<0.005	U		0.0024	J		<0.043	U		0.0074		
		VMP-22-10-012621	1/26/2021	<0.0059	U		<0.018	U		<0.024	U	UJ	<0.0056	U		<0.0063	U		0.0011	J		<0.055	U		0.0021	J	
		VMP-22-10-050321	5/3/2021	<0.0053	U		<0.016	U		<0.022	U		<0.005	U		<0.0056	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-22-10-072321	7/23/2021	<0.005	U		<0.016	U		<0.02	U		<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
	18 ft	VMP-22-10-110121	11/1/2021	<0.0048	U		<0.015	U		<0.02	U	UJ	<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U	
		VMP-22-18-012621	1/26/2021	<0.0061	U		<0.019	U		<0.025	U	UJ	<0.0057	U		<0.0065	U		0.00069	J		<0.056	U		<0.0046	U	
	38 ft	VMP-22-18-050321	5/3/2021	<0.0052	U		<0.016	U		<0.021	U		<0.0048	U		<0.0055	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-22-38-012621	1/26/2021	<0.0065	U		<0.02	U		<0.026	U	UJ	<0.0061	U		<0.0069	U		<0.0057	U		<0.06	U		<0.0049	U	
VMP-22-38-050321		5/3/2021	<0.051	U		<0.16	U		<0.21	U		<0.048	U		<0.054	U		<0.045	U		<0.47	U		<0.039	U		
VMP-22-38-060321-R		6/3/2021	<0.0054	U		<0.017	U		0.014	J		<0.0051	U		<0.0058	U		<0.0048	U		<0.05	U		<0.0042	U		
VMP-22-38-110121	11/1/2021	<0.0048	U		<0.015	U		<0.019	U	UJ	<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U			

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

Location	Depth	Sample ID	Sample Date	1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Heptane			Hexachlorobutadiene			Hexane		
				0.31			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-23	5 ft	VMP-23-5-012121	1/21/2021	<0.0061	U		<0.019	U		0.028			<0.0057	U		<0.0065	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-23-5-050721	5/7/2021	<0.0048	U		<0.015	U		<0.02	U		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-23-5-072821	7/28/2021	<0.0049	U		<0.015	U		<0.02	U		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	J	U	<0.0037	U	
	10 ft	VMP-23-5-102521	10/25/2021	<0.0047	U		<0.015	U		<0.019	U		0.0032	J		0.01			0.0047			<0.044	U		0.015		
		VMP-23-10-012121	1/21/2021	<0.006	U		<0.018	U		0.01	J		<0.0056	U		<0.0063	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-23-10-072821	7/28/2021	<0.0054	U		<0.017	U		0.019	J		<0.0051	U		<0.0058	U		<0.0048	U		<0.05	U		<0.0041	U	
	25 ft	VMP-23-10-072821-DUP	7/28/2021	<0.0049	U		<0.015	U		0.02			<0.0046	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-23-10-102521	10/25/2021	<0.0053	U		<0.016	U		<0.021	U		<0.0049	U		<0.0056	U		<0.0047	U		<0.049	U		0.0014	J	
		VMP-23-25-012121	1/21/2021	<0.0059	U		<0.018	U		0.032			<0.0055	U		<0.0062	U		<0.0052	U		<0.054	U		<0.0045	U	
VMP-24	5 ft	VMP-23-25-050721	5/7/2021	<0.0045	U		0.0012	J		<0.018	U		<0.0042	U		<0.0048	U		<0.004	U		<0.041	U		<0.0034	U	
		VMP-23-25-072821	7/28/2021	<0.0054	U		<0.017	U		0.014	J		<0.005	U		<0.0057	U		<0.0048	U		<0.05	U		0.003	J	
		VMP-23-25-102521	10/25/2021	<0.0047	U		<0.015	U		<0.019	U		<0.0044	U		<0.005	U		<0.0042	U		<0.044	U		<0.0036	U	
	10 ft	VMP-24-5-012121	1/21/2021	<0.0056	U		<0.017	U		0.79			<0.0052	U		<0.0059	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-24-5-051121	5/11/2021	<0.0044	U		<0.014	U		<0.018	U		<0.0042	U		<0.0047	U		<0.0039	U		<0.041	U		<0.0034	U	
		VMP-24-5-072221	7/22/2021	<0.0059	U		<0.018	U		<0.024	U	UJ	<0.0056	U		<0.0063	U		<0.0053	U		<0.055	U		<0.0045	U	
	22 ft	VMP-24-5-102221	10/22/2021	<0.0049	U		<0.015	U		<0.02	U		<0.0046	U		<0.0053	U		<0.0044	U		<0.046	U		0.0017	J	
		VMP-24-10-022521	2/25/2021	<0.0057	U		<0.018	U		0.0072	J		<0.0054	U		<0.0061	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-24-10-051121	5/11/2021	<0.0041	U		<0.013	U		0.0033	J		<0.0039	U		<0.0044	U		<0.0036	U		<0.038	U		<0.0031	U	
34 ft	VMP-24-10-051121-DUP	5/11/2021	<0.0042	U		<0.013	U		0.0039	J		<0.0039	U		<0.0044	U		<0.0037	U		<0.039	U		<0.0032	U		
	VMP-24-10-072221	7/22/2021	<0.0051	U		<0.016	U		<0.021	U	UJ	<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0038	U		
	VMP-24-10-102221	10/22/2021	<0.0045	U		<0.014	U		<0.018	U		<0.0042	U		<0.0048	U		<0.004	U		<0.041	U		<0.0034	U		
VMP-32	5 ft	VMP-24-10-102221-DUP	10/22/2021	<0.0046	U		<0.014	U		<0.019	U		<0.0043	U		<0.0049	U		<0.0041	U		<0.042	U		<0.0035	U	
		VMP-24-22-012121	1/21/2021	<0.0055	U		<0.017	U		<0.022	U		<0.0052	U		<0.0059	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-24-22-051121	5/11/2021	<0.0047	U		<0.014	U		0.0066	J		<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		<0.0036	U	
	10 ft	VMP-24-22-072221	7/22/2021	<0.0049	U		<0.015	U		<0.02	U	UJ	<0.0046	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-24-22-102221	10/22/2021	<0.0048	U		<0.015	U		<0.02	U		0.0036	J		0.011			0.0044			<0.044	U		0.02		
		VMP-24-34-012121	1/21/2021	<0.0062	U		0.011	J		<0.025	U		<0.0058	U		<0.0066	U		0.00072	J		<0.057	U		0.0016	J	
	20 ft	VMP-24-34-051121	5/11/2021	<0.0046	U		<0.014	U		0.0042	J		<0.0043	U		<0.0049	U		<0.0041	U		<0.042	U		<0.0035	U	
		VMP-24-34-072221	7/22/2021	<0.0046	U		<0.014	U		0.0086	J	J	<0.0043	U		<0.0049	U		<0.0041	U		<0.042	U		<0.0035	U	
		VMP-24-34-102221	10/22/2021	<0.0048	U		<0.015	U		<0.02	U		<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U	
VMP-32	5 ft	VMP-32-5-012621	1/26/2021	<0.0058	U		<0.018	U		0.0059	J	J	<0.0055	U		<0.0062	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-32-5-051221	5/12/2021	<0.0046	U		<0.014	U		<0.019	U		<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		<0.0035	U	
		VMP-32-5-072321	7/23/2021	<0.0051	U		<0.016	U		0.026			<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0038	U	
	10 ft	VMP-32-5-072321-DUP	7/23/2021	<0.0052	U		0.0029	J		0.041			<0.0049	U		<0.0055	U		<0.0046	U		0.038	J	J	0.0026	J	
		VMP-32-5-110121	11/1/2021	<0.0046	U		<0.014	U		<0.019	U	UJ	<0.0044	U		<0.0049	U		<0.0041	U		<0.043	U		<0.0035	U	
		VMP-32-10-012621	1/26/2021	<0.0058	U		<0.018	U		<0.024	U	UJ	<0.0055	U		<0.0062	U		<0.0052	U		<0.054	U		<0.0044	U	
	20 ft	VMP-32-10-051221	5/12/2021	<0.0048	U		<0.015	U		<0.02	U		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-32-10-051221-DUP	5/12/2021	<0.0047	U		<0.014	U		<0.019	U		<0.0044	U		<0.005	U		0.0018	J		<0.043	U		<0.0036	U	
		VMP-32-10-072321	7/23/2021	<0.0052	U		0.021			0.0078	J		<0.0049	U		<0.0055	U		<0.0046	U		<0.048	U		<0.0039	U	
30 ft	VMP-32-10-110121	11/1/2021	<0.0045	U		0.016			<0.018	U	UJ	<0.0042	U		<0.0048	U		<0.004	U		<0.041	U		<0.0034	U		
	VMP-32-20-012621	1/26/2021	<0.0062	U		<0.019	U		<0.025	U	UJ	<0.0058	U		<0.0066	U		<0.0055	U		<0.057	U		<0.0047	U		
	VMP-32-20-012621-DUP	1/26/2021	<0.006	U		<0.019	U		0.0057	J	J	<0.0056	U		<0.0064	U		<0.0053	U		<0.055	U		<0.0046	U		
30 ft	VMP-32-20-072321	7/23/2021	<0.0053	U		<0.016	U		0.0058	J		<0.005	U		<0.0056	U		<0.0047	U		<0.049	U		<0.004	U		
	VMP-32-20-110121	11/1/2021	<0.0047	U		<0.015	U		<0.019	U	UJ	<0.0044	U		<0.005	U		<0.0042	U		<0.044	U		<0.0036	U		
	VMP-32-30-012621	1/26/2021	<0.0059	U		<0.018	U		0.0051	J	J	<0.0055	U		<0.0062	U		<0.0052	U		<0.054	U		<0.0045	U		
30 ft	VMP-32-30-072321	7/23/2021	<0.0052	U		<0.016	U		0.013	J		<0.0049	U		<0.0055	U		0.0021	J		<0.048	U		0.015			
	VMP-32-30-110121	11/1/2021																									

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

Location	Depth	Sample ID	Sample Date	1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Heptane			Hexachlorobutadiene			Hexane		
				0.31			0.22						1.3														
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-42	10 ft	VMP-42-10-012921	1/29/2021	<0.0059	U		<0.018	U		<0.024	U		0.0022	J		<0.0063	U		0.022			<0.054	U		0.32		
		VMP-42-10-050521	5/5/2021	<0.0047	U		<0.015	U		0.0053	J	J	<0.0044	U		<0.005	U		<0.0042	U		<0.043	U		<0.0036	U	
		VMP-42-10-072621	7/26/2021	<0.0052	U		<0.016	U		<0.021	U		<0.0049	U		<0.0056	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-42-10-102621	10/26/2021	<0.0058	U		<0.018	U		<0.024	U		<0.0054	U		<0.0062	U		<0.0051	U		<0.054	U		<0.0044	U	
	20 ft	VMP-42-20-012921	1/29/2021	<0.006	U		<0.019	U		<0.025	U		<0.0057	U		<0.0064	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-42-20-050521	5/5/2021	<0.0053	U		<0.016	U		0.011	J	J	<0.0049	U		<0.0056	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-42-20-072621	7/26/2021	<0.0051	U		<0.016	U		0.0086	J		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-42-20-102621	10/26/2021	<0.005	U		<0.016	U		<0.02	U		<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
	30 ft	VMP-42-30-012921	1/29/2021	<0.0059	U		<0.018	U		<0.024	U		<0.0055	U		<0.0062	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-42-30-050521	5/5/2021	<0.0053	U		<0.016	U		0.006	J	J	<0.0049	U		<0.0056	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-42-30-072621	7/26/2021	<0.0052	U		<0.016	U		<0.021	U		<0.0049	U		<0.0055	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-42-30-102621	10/26/2021	<0.0045	U		<0.014	U		<0.018	U		<0.0042	U		<0.0048	U		<0.004	U		<0.042	U		<0.0034	U	
VMP-42-30-102621-DUP	10/26/2021	<0.0044	U		<0.014	U		0.0092	J		<0.0041	U		<0.0046	U		<0.0039	U		<0.04	U		<0.0033	U			
VMP-43	10 ft	VMP-43-10-012621	1/26/2021	<0.0056	U		<0.017	U		<0.023	U		<0.0052	U		<0.0059	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-43-10-050521	5/5/2021	<0.0051	U		<0.016	U		<0.021	U		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-43-10-072621	7/26/2021	<0.0053	U		0.0028	J		0.01	J		<0.0049	U		<0.0056	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-43-10-072621-DUP	7/26/2021	<0.0051	U		0.0034	J		0.014	J		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-43-10-102621	10/26/2021	<0.0048	U		<0.015	U		<0.02	U		<0.0045	U		<0.0051	U		<0.0043	U		<0.044	U		<0.0037	U	
	20 ft	VMP-43-20-012621	1/26/2021	<0.0056	U		0.0013	J		<0.023	U	UJ	<0.0052	U		<0.0059	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-43-20-050521	5/5/2021	<0.0047	U		<0.015	U		<0.019	U		<0.0044	U		<0.005	U		<0.0042	U		<0.044	U		<0.0036	U	
		VMP-43-20-072621	7/26/2021	<0.0054	U		<0.017	U		0.015	J		0.0024	J		0.0026	J		0.0019	J		<0.049	U		0.011		
		VMP-43-20-102621	10/26/2021	<0.0046	U		<0.014	U		0.0064	J		<0.0044	U		<0.0049	U		<0.0041	U		<0.043	U		<0.0035	U	
	30 ft	VMP-43-30-022521	2/25/2021	<0.0057	U		<0.018	U		0.008	J		<0.0054	U		<0.0061	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-43-30-050521	5/5/2021	<0.0051	U		<0.016	U		<0.021	U		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-43-30-072621	7/26/2021	<0.0051	U		0.0014	J		0.12			<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0039	U	
VMP-43-30-102621	10/26/2021	<0.0047	U		<0.015	U		<0.019	U		<0.0044	U		<0.005	U		<0.0042	U		<0.044	U		<0.0036	U			
VMP-45	10 ft	VMP-45-10-012621	1/26/2021	<0.0056	U		<0.017	U		<0.023	U		<0.0052	U		<0.0059	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-45-10-060321	6/3/2021	<0.0051	U		0.0011	J		0.013	J		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		0.0011	J	
		VMP-45-10-072621	7/26/2021	<0.005	U		<0.016	U		0.009	J		<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-45-10-102721	10/27/2021	<0.0046	U		<0.014	U		<0.019	U		<0.0043	U		<0.0049	U		<0.0041	U		<0.043	U		<0.0035	U	
	20 ft	VMP-45-20-012621	1/26/2021	<0.0056	U		<0.017	U		<0.023	U		<0.0052	U		<0.0059	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-45-20-050521	5/5/2021	<0.0047	U		<0.014	U		<0.019	U		<0.0044	U		<0.005	U		<0.0041	U		0.0052	J		<0.0036	U	
		VMP-45-20-072621	7/26/2021	<0.0056	U		<0.017	U		0.011	J		<0.0052	U		<0.0059	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-45-20-102721	10/27/2021	<0.0044	U		<0.014	U		<0.018	U		<0.0041	U		<0.0047	U		<0.0039	U		<0.04	U		<0.0033	U	
	30 ft	VMP-45-30-012621	1/26/2021	<0.0056	U		<0.017	U		<0.023	U		<0.0052	U		<0.0059	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-45-30-050521	5/5/2021	<0.0046	U		<0.014	U		0.011	J		<0.0043	U		<0.0048	U		<0.004	U		<0.042	U		<0.0035	U	
		VMP-45-30-050521-DUP	5/5/2021	<0.0046	U		<0.014	U		<0.019	U		<0.0044	U		<0.0049	U		<0.0041	U		<0.043	U		<0.0035	U	
		VMP-45-30-072621	7/26/2021	<0.0052	U		<0.016	U		<0.021	U		<0.0049	U		<0.0056	U		0.002	J		<0.048	U		0.0034	J	
VMP-45-30-102721	10/27/2021	<0.0047	U		<0.014	U		0.0064	J		<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		<0.0036	U			
VMP-45-30-102721-DUP	10/27/2021	<0.0047	U		<0.015	U		<0.019	U		<0.0044	U		<0.005	U		<0.0042	U		<0.043	U		<0.0036	U			

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

Location	Depth	Sample ID	Sample Date	1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Heptane			Hexachlorobutadiene			Hexane		
				0.31			0.22						1.3														
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-012221	1/22/2021	<0.0059	U		<0.018	ND,UJ	UJ	0.0058	J		<0.0055	U		<0.0062	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-47-5-050621	5/6/2021	<0.0048	U		<0.015	U		<0.019	U		<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U	
		VMP-47-5-072321	7/23/2021	<0.005	U		<0.016	U		0.007	J		<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-47-5-110121	11/1/2021	<0.0044	U		<0.014	U		<0.018	U	UJ	<0.0041	U		<0.0047	U		<0.0039	U		<0.041	U		<0.0034	U	
	10 ft	VMP-47-10-012221	1/22/2021	<0.0057	U		<0.018	ND,UJ	UJ	0.0061	J		0.00072	J		<0.006	U		<0.005	U		<0.052	U		0.00098	J	
		VMP-47-10-050621	5/6/2021	<0.0047	U		<0.014	U		<0.019	U		<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		<0.0036	U	
		VMP-47-10-072321	7/23/2021	<0.0048	U		<0.015	U		0.0069	J		<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U	
		VMP-47-10-110121	11/1/2021	<0.0043	U		<0.013	U		<0.017	U	UJ	<0.004	U		<0.0045	U		<0.0038	U		<0.039	U		<0.0033	U	
	20 ft	VMP-47-20-012221	1/22/2021	<0.0057	U		<0.018	ND,UJ	UJ	0.018	J		<0.0053	U		<0.006	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-47-20-012221-DUP	1/22/2021	<0.0056	U		<0.017	ND,UJ	UJ	<0.023	U		<0.0052	U		<0.0059	U		<0.0049	U		<0.051	U		0.0014	J	
		VMP-47-20-050621	5/6/2021	<0.0046	U		<0.014	U		<0.019	U		<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		<0.0035	U	
		VMP-47-20-072321	7/23/2021	<0.0049	U		<0.015	U		0.009	J		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		0.0011	J	
30 ft	VMP-47-30-012221	1/22/2021	<0.0059	U		<0.018	ND,UJ	UJ	<0.024	U		<0.0055	U		<0.0063	U		<0.0052	U		<0.054	U		<0.0045	U		
	VMP-47-30-050621	5/6/2021	<0.0047	U		<0.014	U		<0.019	U		<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		<0.0036	U		
	VMP-47-30-050621-DUP	5/6/2021	<0.0047	U		<0.014	U		<0.019	U		<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		<0.0036	U		
	VMP-47-30-072321	7/23/2021	<0.0047	U		<0.014	U		0.0046	J		<0.0044	U		<0.005	U		<0.0041	U		0.0065	J		<0.0036	U		
VMP-47-30-110121	11/1/2021	<0.0046	U		<0.014	U		<0.019	U	UJ	<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		<0.0035	U			
VMP-48	5 ft	VMP-48-5-012521	1/25/2021	<0.0056	U		<0.017	U		1.3			<0.0052	U		<0.0059	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-48-5-050721	5/7/2021	<0.0048	U		<0.015	U		<0.02	U		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-48-5-073021	7/30/2021	<0.0048	U		<0.015	U		0.012	J		0.0014	J		<0.0051	U		0.002	J		0.032	J		<0.0036	U	
		VMP-48-5-110121	11/1/2021	<0.0049	U		<0.015	U		<0.02	U	UJ	<0.0046	U		<0.0052	U		<0.0044	U		<0.045	U		<0.0038	U	
	10 ft	VMP-48-10-012521	1/25/2021	<0.0056	U		<0.017	U		0.0088	J		<0.0052	U		<0.0059	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-48-10-050721	5/7/2021	<0.0051	U		<0.016	U		0.012	J		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0038	U	
		VMP-48-10-073021	7/30/2021	<0.0054	U		<0.017	U		<0.022	U		<0.005	U		<0.0057	U		<0.0048	U		<0.049	U		<0.0041	U	
		VMP-48-10-110121	11/1/2021	<0.0047	U		<0.015	U		<0.019	U	UJ	<0.0044	U		<0.005	U		0.063			<0.044	U		1.2		
	20 ft	VMP-48-20-012521	1/25/2021	<0.0057	U		<0.018	U		0.0094	J		<0.0054	U		<0.0061	U		0.002	J		<0.053	U		<0.0044	U	
		VMP-48-20-012521-DUP	1/25/2021	<0.0058	U		<0.018	U		<0.024	U		<0.0055	U		<0.0062	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-48-20-110121	11/1/2021	<0.0046	U		<0.014	U		<0.019	U	UJ	<0.0044	U		<0.0049	U		<0.0041	U		<0.043	U		<0.0035	U	
		VMP-48-20-110121	11/1/2021	<0.0056	U		<0.018	U		<0.023	J	U	<0.0053	U		<0.006	U		<0.005	U		<0.052	U		<0.0043	U	
30 ft	VMP-48-30-050721	5/7/2021	<0.0048	U		<0.015	U		<0.019	U		<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U		
	VMP-48-30-073021	7/30/2021	<0.005	U		<0.015	U		<0.02	U		<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U		
	VMP-48-30-073021-DUP	7/30/2021	<0.0051	U		<0.016	U		0.0081	J		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0039	U		
	VMP-48-30-110121	11/1/2021	<0.0047	U		<0.015	U		<0.019	U	UJ	<0.0044	U		<0.005	U		<0.0042	U		<0.044	U		<0.0036	U		
VMP-49	5 ft	VMP-49-5-012521	1/25/2021	<0.0055	U		<0.017	U		0.03			<0.0052	U		<0.0058	U		<0.0049	U		<0.051	U		0.00071	J	
		VMP-49-5-050321	5/3/2021	<0.0054	U		<0.017	U		<0.022	U		<0.005	U		<0.0057	U		<0.0048	U		<0.049	U		<0.0041	U	
		VMP-49-5-072921	7/29/2021	<0.005	U		<0.016	U		0.007	J		<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		0.0029	J	
		VMP-49-5-102721	10/27/2021	<0.0049	U		<0.015	U		<0.02	U		<0.0046	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
	10 ft	VMP-49-10-012521	1/25/2021	<0.0052	U		<0.016	U		0.0075	J		<0.0049	U		<0.0055	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-49-10-050321	5/3/2021	<0.0051	U		<0.016	U		<0.021	U		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-49-10-072921	7/29/2021	<0.0048	U		<0.015	U		0.17			<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U	
		VMP-49-10-102721	10/27/2021	<0.0047	U		<0.015	U		<0.019	U		<0.0044	U		<0.005	U		<0.0042	U		<0.043	U		<0.0036	U	
	20 ft	VMP-49-20-012521	1/25/2021	<0.0054	U		<0.017	U		<0.022	U		<0.005	U		<0.0057	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-49-20-050321	5/3/2021	<0.0054	U		<0.017	U		<0.022	U		<0.005	U		<0.0057	U		<0.0048	U		<0.049	U		<0.0041	U	
		VMP-49-20-060321-R	6/3/2021	<0.0049	U		<0.015	U		0.047			<0.0046	U		<0.0052	U		<0.0044	U		<0.045	U		<0.0038	U	
		VMP-49-20-072921	7/29/2021	<0.005	U		0.027			0.13			<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		0.0029	J	
30 ft	VMP-49-20-102721	10/27/2021	<0.005	U		<0.016	U		<0.02	U		<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U		
	VMP-49-30-012521	1/25/2021	<0.006	U		<0.018	U		<0.024	U		<0.0056	U		<0.0063	U		<0.0053	U		<0.055	U		0.0022	J		
	VMP-49-30																										

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

Location	Depth	Sample ID	Sample Date	1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Heptane			Hexachlorobutadiene			Hexane		
				0.31			0.22						1.3														
				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-50	5 ft	VMP-50-5-012621	1/26/2021	<0.0058	U		<0.018	U		<0.024	U	UJ	<0.0054	U		<0.0061	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-50-5-050721	5/7/2021	<0.0048	U		<0.015	U		<0.02	U		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-50-5-072321	7/23/2021	<0.0048	U		<0.015	U		0.013	J		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
	10 ft	VMP-50-10-012621	1/26/2021	<0.0058	U		0.0023	J		<0.024	U	UJ	<0.0055	U		<0.0062	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-50-10-050721	5/7/2021	<0.0049	U		<0.015	U		<0.02	U		<0.0046	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-50-10-072321	7/23/2021	<0.0052	U		<0.016	U		0.0096	J		<0.0049	U		<0.0055	U		<0.0046	U		<0.048	U		<0.0039	U	
	20 ft	VMP-50-10-102521	10/25/2021	<0.0045	U		<0.014	U		<0.018	U		<0.0042	U		<0.0048	U		<0.004	U		<0.042	U		<0.0034	U	
		VMP-50-20-022521	2/25/2021	<0.0061	U		<0.019	U		0.011	J		<0.0058	U		<0.0065	U		<0.0054	U		<0.056	U		<0.0047	U	
		VMP-50-20-022521-DUP	2/25/2021	<0.0058	U		<0.018	U		<0.024	U		<0.0055	U		<0.0062	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-50-20-050721	5/7/2021	<0.0047	U		<0.014	U		<0.019	U		<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		<0.0036	U	
	30 ft	VMP-50-20-050721-DUP	5/7/2021	<0.0047	U		<0.014	U		<0.019	U		<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		<0.0036	U	
		VMP-50-20-072321	7/23/2021	<0.0048	U		0.0014	J		0.038	J		0.0012	J		<0.0052	U		0.0027	J		<0.045	U		0.019		
VMP-50-20-102521		10/25/2021	<0.0048	U		<0.015	U		<0.019	U		<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U		
VMP-50-30-012621		1/26/2021	<0.12	U		<0.36	U		<0.47	U	UJ	0.015	J		<0.12	U		0.52			<1.1	U		3.9			
VMP-51	5 ft	VMP-50-30-050721	5/7/2021	<0.093	U		<0.29	U		<0.38	U		<0.087	U		<0.099	U		0.37			<0.86	U		2.6		
		VMP-50-30-072321	7/23/2021	<0.052	U		<0.16	U		0.046	J		<0.049	U		<0.055	U		0.029	J		<0.48	U		0.2		
		VMP-50-30-102521	10/25/2021	<0.09	U		<0.28	U		<0.36	U		<0.084	U		<0.095	U		<0.08	U		<0.83	U		0.065	J	
VMP-51	5 ft	VMP-51-5-012221	1/22/2021	<0.0058	U		<0.018	U		<0.024	U		<0.0055	U		<0.0062	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-51-5-050421	5/4/2021	<0.0048	U		<0.015	U		0.0029	J		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-51-5-072321	7/23/2021	<0.0053	U		<0.016	U		0.02	J		<0.005	U		<0.0056	U		<0.0047	U		<0.049	U		<0.004	U	
	10 ft	VMP-51-5-102521	10/25/2021	<0.0048	U		<0.015	U		0.0069	J		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-51-10-012221	1/22/2021	<0.006	U		<0.018	U		0.007	J		<0.0056	U		<0.0063	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-51-10-050421	5/4/2021	<0.0051	U		<0.016	U		0.0047	J		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0038	U	
	20 ft	VMP-51-10-072321	7/23/2021	<0.0053	U		<0.016	U		0.012	J		<0.005	U		<0.0056	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-51-10-102521	10/25/2021	<0.0051	U		<0.016	U		<0.021	U		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-51-20-012221	1/22/2021	<0.0056	U		<0.017	U		0.0087	J		<0.0052	U		<0.0059	U		<0.0049	U		<0.051	U		<0.0042	U	
	30 ft	VMP-51-20-050421	5/4/2021	<0.0048	U		<0.015	U		0.0045	J		<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U	
		VMP-51-20-072321	7/23/2021	<0.0055	U		<0.017	U		0.01	J		<0.0052	U		<0.0059	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-51-20-102521	10/25/2021	<0.0048	U		<0.015	U		0.013	J		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
VMP-52	5 ft	VMP-51-30-012221	1/22/2021	<0.0061	U		<0.019	U		0.008	J		<0.0057	U		<0.0065	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-51-30-050421	5/4/2021	<0.0052	U		<0.016	U		0.005	J	J	<0.0049	U		<0.0055	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-51-30-072321	7/23/2021	<0.0048	U		<0.015	U		0.013	J		<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U	
	10 ft	VMP-51-30-102521	10/25/2021	<0.0051	U		<0.016	U		<0.021	U		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0038	U	
		VMP-52-5-012221	1/22/2021	<0.0057	U		<0.018	ND,UJ	UJ	0.066	J		<0.0053	U		<0.006	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-52-5-012221-DUP	1/22/2021	<0.0052	U		<0.016	ND,UJ	UJ	0.0086	J	J	<0.0049	U		<0.0056	U		<0.0046	U		<0.048	U		<0.004	U	
	20 ft	VMP-52-5-050421	5/4/2021	<0.0046	U		<0.014	U		<0.019	U		<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		0.0065		
		VMP-52-5-072221	7/22/2021	<0.0052	U		0.0016	J		0.0072	J	J	<0.0049	U		<0.0056	U		0.0014	J		<0.048	U		0.0026	J	
		VMP-52-5-110221	11/2/2021	<0.0045	U		0.0051	J		<0.018	U		<0.0042	U		<0.0048	U		<0.004	U		<0.042	U		<0.0034	U	
	30 ft	VMP-52-10-012221	1/22/2021	<0.0056	U		<0.017	ND,UJ	UJ	0.0077	J		<0.0052	U		<0.0059	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-52-10-050421	5/4/2021	<0.0047	U		<0.014	U		<0.019	U		<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		<0.0036	U	
		VMP-52-10-072221	7/22/2021	<0.0055	U		0.002	J		0.013	J	J	<0.0052	U		<0.0059	U		<0.0049	U		<0.051	U		<0.0042	U	
20 ft	VMP-52-10-110221	11/2/2021	<0.0046	U		<0.014	U		<0.019	U		<0.0043	U		<0.0049	U		<0.0041	U		<0.043	U		<0.0035	U		
	VMP-52-20-012221	1/22/2021	<0.0055	U		<0.017	ND,UJ	UJ	<0.023	U		<0.0052	U		<0.0059	U		<0.0049	U		<0.051	U		<0.0042	U		
	VMP-52-20-050421	5/4/2021	<0.0048	U		0.0048	J		0.0055	J		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U		
30 ft	VMP-52-20-072221	7/22/2021	<0.0048	U		0.0014	J		<0.02	U	UJ	<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U		
	VMP-52-20-110221	11/2/2021	<0.0046	U		<0.014	U		<0.019	U		<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		<0.0035	U		
	VMP-52-20-110221-DUP	11/2/2021	<0.0044	U		<0.014	U		<0.018	U		<0.00															

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

Location	Depth	Sample ID	Sample Date	1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Heptane			Hexachlorobutadiene			Hexane		
				0.31			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-53	5 ft	VMP-53-5-012121	1/21/2021	<0.0056	U		<0.017	U		0.022	J		<0.0052	U		<0.0059	U		0.00087	J		<0.051	U		0.0033	J	
		VMP-53-5-050421	5/4/2021	<0.0047	U		<0.014	U		0.0046	J		<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		<0.0036	U	
		VMP-53-5-072221	7/22/2021	0.0014	J		<0.016	U		<0.021	U		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0038	U	
		VMP-53-5-102221	10/22/2021	<0.0043	U		<0.014	U		<0.018	U		<0.0041	U		<0.0046	U		<0.0038	U		<0.04	U		<0.0033	U	
	10 ft	VMP-53-10-012121	1/21/2021	<0.0057	U		<0.018	U		0.032			<0.0053	U		<0.006	U		<0.005	U		<0.052	U		0.00091	J	
		VMP-53-10-050421	5/4/2021	<0.0044	U		<0.014	U		0.006	J		<0.0041	U		<0.0047	U		<0.0039	U		<0.04	U		<0.0033	U	
		VMP-53-10-050421-DUP	5/4/2021	<0.0047	U		<0.014	U		0.0033	J		<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		<0.0036	U	
		VMP-53-10-060321-R	6/3/2021	<0.0052	U		<0.016	U		0.011	J		<0.0049	U		<0.0055	U		<0.0046	U		<0.048	U		0.0011	J	
	20 ft	VMP-53-10-072221	7/22/2021	<0.0054	U		<0.017	U		0.0047	J		<0.005	U		<0.0057	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-53-10-102221	10/22/2021	<0.0048	U		<0.015	U		<0.02	U		<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U	
		VMP-53-20-012121	1/21/2021	<0.0058	U		<0.018	U		0.045			0.04			0.037			0.0024	J		<0.053	U		0.0025	J	
		VMP-53-20-050421	5/4/2021	<0.0051	U		<0.016	U		0.0048	J		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0038	U	
	30 ft	VMP-53-20-072221	7/22/2021	<0.0054	U		<0.017	U		0.0048	J		<0.005	U		<0.0057	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-53-20-102221	10/22/2021	<0.0046	U		<0.014	U		<0.018	U		<0.0043	U		<0.0048	U		<0.004	U		<0.042	U		<0.0035	U	
		VMP-53-30-012121	1/21/2021	<0.0056	U		<0.017	U		<0.023	U		<0.0052	U		<0.0059	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-53-30-050421	5/4/2021	<0.0046	U		<0.014	U		0.0049	J		<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		<0.0035	U	
VMP-53-30-072221	7/22/2021	<0.005	U		<0.015	U		0.0047	J		<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U			
	VMP-53-30-102221	10/22/2021	<0.0047	U		<0.015	U		<0.019	U		<0.0044	U		0.0019	J		<0.0042	U		<0.043	U		<0.0036	U		
	VMP-53-30-102221-DUP	10/22/2021	<0.0044	U		<0.014	U		0.012	J		<0.0041	U		<0.0046	U		<0.0039	U		<0.04	U		<0.0033	U		
	VMP-54-5-012821	1/28/2021	<0.0051	U		<0.016	U		0.0034	J		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0039	U		
VMP-54	5 ft	VMP-54-5-050421	5/4/2021	<0.0045	U		<0.014	U		<0.018	U		<0.0042	U		<0.0048	U		<0.004	U		<0.041	U		<0.0034	U	
		VMP-54-5-072221	7/22/2021	<0.0054	U		<0.017	U		<0.022	U	UJ	0.0019	J		0.0011	J		0.0023	J		<0.049	U		0.0023	J	
		VMP-54-5-102921	10/29/2021	<0.0044	U		<0.014	U		<0.018	U		<0.0041	U		<0.0047	U		<0.0039	U		<0.04	U		<0.0033	U	
		VMP-54-10-012821	1/28/2021	<0.0053	U		<0.016	U		<0.022	U		<0.005	U		<0.0056	U		<0.0047	U		<0.049	U		<0.004	U	
	10 ft	VMP-54-10-012821-DUP	1/28/2021	<0.0055	U		<0.017	U		<0.022	U		<0.0052	U		<0.0058	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-54-10-050421	5/4/2021	<0.0045	U		0.00094	J		<0.018	U		<0.0042	U		<0.0048	U		<0.004	U		<0.041	U		<0.0034	U	
		VMP-54-10-072221	7/22/2021	<0.0048	U		0.017			<0.02	U	UJ	<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-54-10-102921	10/29/2021	<0.0046	U		<0.014	U		<0.019	U		<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		0.003	J	
	20 ft	VMP-54-20-012821	1/28/2021	<0.0055	U		<0.017	U		0.0057	J		<0.0051	U		<0.0058	U		<0.0048	U		<0.05	U		<0.0042	U	
		VMP-54-20-050421	5/4/2021	<0.0046	U		<0.014	U		<0.019	U		<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		<0.0035	U	
		VMP-54-20-072221	7/22/2021	<0.0049	U		<0.015	U		<0.02	U	UJ	<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-54-20-102921	10/29/2021	<0.0049	U		0.0021	J		<0.02	U		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
	30 ft	VMP-54-30-012821	1/28/2021	<0.0054	U		<0.017	U		0.0037	J		<0.0051	U		<0.0058	U		<0.0048	U		<0.05	U		<0.0042	U	
		VMP-54-30-050421	5/4/2021	<0.0044	U		0.0022	J		<0.018	U		<0.0041	U		<0.0047	U		<0.0039	U		<0.04	U		0.0034		
		VMP-54-30-050421-DUP	5/4/2021	<0.0043	U		<0.013	U		<0.018	U		<0.004	U		<0.0046	U		<0.0038	U		<0.04	U		<0.0033	U	
		VMP-54-30-072221	7/22/2021	<0.0054	U		0.0012	J		<0.022	U	UJ	<0.0051	U		<0.0058	U		<0.0048	U		<0.05	U		<0.0041	U	
VMP-54-30-102921	10/29/2021	<0.0049	U		<0.015	U		<0.02	U		<0.0046	U		<0.0053	U		<0.0044	U		<0.046	U		0.0011	J			
VMP-56	10 ft	VMP-56-10-012121	1/21/2021	<0.006	U		<0.019	U		0.015	J		<0.0057	U		<0.0064	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-56-10-050521	5/5/2021	<0.0054	U		<0.017	U		0.0071	J	J	<0.0051	U		<0.0058	U		<0.0048	U		<0.05	U		<0.0042	U	
		VMP-56-10-072621	7/26/2021	<0.005	U		<0.015	U		0.0084	J		<0.0047	U		<0.0053	U		0.026			<0.046	U		0.0094		
		VMP-56-10-102221	10/22/2021	<0.0049	U		<0.015	U		<0.02	U		<0.0046	U		<0.0052	U		<0.0044	U		<0.045	U		<0.0038	U	
	25 ft	VMP-56-25-012121	1/21/2021	<0.0058	U		<0.018	U		0.016	J		<0.0055	U		<0.0062	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-56-25-012121-DUP	1/21/2021	<0.0058	U		<0.018	U		0.019	J		<0.0054	U		<0.0061	U		0.0013	J		<0.053	U		0.0022	J	
		VMP-56-25-050521	5/5/2021	<0.0054	U		<0.017	U		0.0062	J	J	<0.0051	U		<0.0058	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-56-25-050521-DUP	5/5/2021	<0.0049	U		<0.015	U		0.0068	J	J	<0.0046	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
VMP-56-25-072621	7/26/2021	<0.0052	U		<0.016	U		0.034			<0.0049	U		<0.0055	U		<0.0046	U		<0.048	U		0.0014	J			
VMP-56-25-102221	10/22/2021	<0.0052	U		<0.016	U		<0.021	U		<0.0																

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

Location	Depth	Sample ID	Sample Date	1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Heptane			Hexachlorobutadiene			Hexane		
				0.31			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-62	5 ft	VMP-62-5-012221	1/22/2021	<0.0054	U		<0.017	ND,UJ	UJ	0.0045	J		<0.005	U		<0.0057	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-62-5-050621	5/6/2021	<0.0046	U		0.0027	J		0.0046	J		<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		<0.0035	U	
		VMP-62-5-072321	7/23/2021	<0.0046	U		0.0033	J		0.009	J		<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		0.0018	J	
		VMP-62-5-110121	11/1/2021	<0.0044	U		<0.014	U		<0.018	U	UJ	<0.0041	U		<0.0046	U		<0.0039	U		<0.04	U		<0.0033	U	
	10 ft	VMP-62-10-012221	1/22/2021	<0.0057	U		<0.018	ND,UJ	UJ	<0.023	U		<0.0054	U		<0.0061	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-62-10-050621	5/6/2021	<0.0046	U		<0.014	U		<0.019	U		<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		<0.0035	U	
		VMP-62-10-072321	7/23/2021	<0.005	U		<0.016	U		<0.02	U		<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-62-10-110121	11/1/2021	<0.0047	U		<0.015	U		<0.019	U	UJ	<0.0044	U		<0.005	U		<0.0042	U		<0.043	U		<0.0036	U	
	20 ft	VMP-62-20-050621	5/6/2021	<0.0047	U		<0.014	U		<0.019	U		<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		<0.0036	U	
		VMP-62-20-072321	7/23/2021	<0.005	U		0.0034	J		0.13			0.0021	J		0.0015	J		0.0053			<0.046	U		0.016		
		VMP-62-20-110121	11/1/2021	<0.0045	U		<0.014	U		<0.018	U	UJ	<0.0042	U		<0.0048	U		<0.004	U		<0.042	U		<0.0034	U	
		VMP-62-30-012221	1/22/2021	<0.0049	U		<0.015	ND,UJ	UJ	0.036			<0.0046	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
	30 ft	VMP-62-30-050621	5/6/2021	<0.0046	U		0.0013	J		0.0062	J		<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		<0.0035	U	
		VMP-62-30-072321	7/23/2021	<0.005	U		<0.016	U		0.014	J		<0.0047	U		0.0016	J		<0.0044	U		<0.046	U		<0.0038	U	
VMP-62-30-110121		11/1/2021	<0.0045	U		<0.014	U		<0.018	U	UJ	<0.0042	U		<0.0048	U		<0.004	U		<0.042	U		<0.0034	U		
VMP-62-30-110121-DUP		11/1/2021	<0.0043	U		<0.013	U		<0.018	U	UJ	<0.004	U		<0.0046	U		<0.0038	U		<0.04	U		<0.0033	U		
VMP-63	5 ft	VMP-63-5-012921	1/29/2021	<0.0056	U		<0.018	U		<0.023	U		<0.0053	U		<0.006	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-63-5-050521	5/5/2021	<0.0052	U		<0.016	U		0.0094	J		<0.0049	U		<0.0055	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-63-5-072621	7/26/2021	<0.0048	U		<0.015	U		0.05			<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U	
		VMP-63-5-102621	10/26/2021	<0.0059	U		<0.018	U		<0.024	U		<0.0056	U		<0.0063	U		<0.0053	U		<0.055	U		<0.0045	U	
	10 ft	VMP-63-10-012921	1/29/2021	<0.024	U		<0.076	U		<0.099	U		0.019	J		<0.026	U		0.15			<0.22	U		2		
		VMP-63-10-050521	5/5/2021	<0.0049	U		<0.015	U		<0.02	U		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-63-10-072621	7/26/2021	<0.0048	U		<0.015	U		0.0068	J		<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U	
		VMP-63-10-102621	10/26/2021	<0.0056	U		<0.018	U		<0.023	U		<0.0053	U		<0.006	U		<0.005	U		<0.052	U		<0.0043	U	
	20 ft	VMP-63-20-012921	1/29/2021	<0.006	U		<0.019	U		<0.025	U		0.0052	J		<0.0064	U		0.034			<0.056	U		0.33		
		VMP-63-20-050521	5/5/2021	<0.0054	U		<0.017	U		<0.022	U		<0.005	U		<0.0057	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-63-20-072621	7/26/2021	<0.005	U		<0.016	U		0.021			<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-63-20-102621	10/26/2021	<0.0057	U		<0.018	U		<0.023	U		<0.0054	U		<0.0061	U		<0.0051	U		<0.053	U		<0.0044	U	
	30 ft	VMP-63-30-012921	1/29/2021	<0.0058	U		<0.018	U		<0.024	U		<0.0054	U		<0.0062	U		<0.0051	U		<0.054	U		<0.0044	U	
		VMP-63-30-050521	5/5/2021	<0.0051	U		<0.016	U		<0.021	U		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0039	U	
VMP-63-30-072621		7/26/2021	<0.0047	U		<0.015	U		0.0076	J		<0.0044	U		<0.005	U		<0.0042	U		<0.044	U		<0.0036	U		
VMP-63-30-072621-DUP		7/26/2021	<0.0048	U		<0.015	U		0.0064	J		<0.0045	U		<0.0051	U		<0.0043	U		<0.044	U		<0.0037	U		
		VMP-63-30-102621	10/26/2021	<0.0055	U		<0.017	U		<0.022	U		<0.0051	U		<0.0058	U		<0.0048	U		<0.05	U		<0.0042	U	
		VMP-63-30-102621-DUP	10/26/2021	<0.0055	U		<0.017	U		<0.022	U		<0.0051	U		<0.0058	U		<0.0048	U		<0.05	U		<0.0042	U	

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

Location	Depth	Sample ID	Sample Date	1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Heptane			Hexachlorobutadiene			Hexane		
				0.31			0.22						1.3														
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-012221	1/22/2021	<0.0057	U		<0.018	ND,UJ	UJ	0.0054	J		<0.0054	U		<0.0061	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-64-5-050621	5/6/2021	<0.0051	U		0.0013	J		0.006	J		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0038	U	
		VMP-64-5-073021	7/30/2021	<0.005	U		<0.016	U		<0.02	U		<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-64-5-110121	11/1/2021	<0.0048	U		<0.015	U		<0.019	U	UJ	<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U	
	10 ft	VMP-64-10-012221	1/22/2021	<0.0052	U		<0.016	ND,UJ	UJ	0.01	J		<0.0049	U		<0.0056	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-64-10-050621	5/6/2021	<0.0049	U		<0.015	U		0.0075	J		<0.0046	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-64-10-073021	7/30/2021	<0.0053	U		<0.016	U		<0.022	U		<0.005	U		<0.0056	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-64-10-110121	11/1/2021	<0.0046	U		<0.014	U		<0.019	U	UJ	<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		<0.0035	U	
	20 ft	VMP-64-20-012221	1/22/2021	<0.0055	U		<0.017	ND,UJ	UJ	0.012	J		<0.0052	U		<0.0058	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-64-20-050621	5/6/2021	<0.0054	U		<0.017	U		0.0048	J		<0.0051	U		<0.0058	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-64-20-073021	7/30/2021	<0.005	U		<0.015	U		<0.02	U		<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-64-20-110121	11/1/2021	<0.0046	U		<0.014	U		<0.019	U	UJ	<0.0044	U		<0.0049	U		<0.0041	U		<0.043	U		<0.0035	U	

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			1,1,2,2-Tetrachloroethane			Tetrachloroethene			1,2,4-Trichlorobenzene			Trichloroethene			1,2,4-Trimethylbenzene		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	0.55			5.4			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			
VMP-1	5 ft	VMP-1-5-012921	1/29/2021	<0.019	U		<0.014	U		0.023			<0.0079	U		<0.0078	U		<0.034	U		<0.0062	U		<0.0056	U	
		VMP-1-5-050521	5/5/2021	<0.018	U		<0.013	U		0.0064	J		<0.0074	U		<0.0074	U		<0.032	U		<0.0058	U		<0.0053	U	
		VMP-1-5-072621	7/26/2021	<0.018	U		<0.013	U		0.032			<0.0074	U		<0.0074	U		<0.032	U		<0.0058	U		<0.0053	U	
		VMP-1-5-102621	10/26/2021	<0.019	U		<0.014	U		0.022			<0.0079	U		<0.0078	U		<0.034	U		<0.0062	U		<0.0056	U	
	8.5 ft	VMP-1-8.5-012921	1/29/2021	<0.02	U		<0.014	U		0.0025	J		<0.0082	U		<0.0081	U		<0.035	U		<0.0064	U		<0.0059	U	
		VMP-1-8.5-050521	5/5/2021	<0.018	U		<0.013	U		0.0071	J		<0.0075	U		<0.0074	U		<0.032	U		<0.0059	U		<0.0054	U	
		VMP-1-8.5-072621	7/26/2021	0.0021	J		<0.014	U		0.029			<0.0079	U		<0.0078	U		<0.034	U		0.00083	J		<0.0057	U	
		VMP-1-8.5-102621	10/26/2021	<0.021	U		<0.015	U		0.031			<0.0087	U		<0.0086	U		<0.038	U		<0.0068	U		<0.0062	U	
	23.5 ft	VMP-1-23.5-012921	1/29/2021	<0.021	U		0.0026	J		0.011	J		<0.0088	U		<0.0088	U		<0.038	U		<0.0069	U		<0.0063	U	
		VMP-1-23.5-012921-DUP	1/29/2021	<0.022	U		<0.016	U		0.0056	J		<0.0091	U		<0.009	U		<0.039	U		<0.0071	U		<0.0065	U	
		VMP-1-23.5-072621	7/26/2021	<0.019	U		<0.014	U		0.014			<0.008	U		<0.0079	U		<0.034	U		<0.0063	U		<0.0057	U	
		VMP-1-23.5-102621	10/26/2021	<0.021	U		<0.015	U		0.045			<0.0087	U		<0.0086	U		<0.038	U		<0.0068	U		<0.0062	U	
38.5 ft	VMP-1-38.5-012921	1/29/2021	<0.019	U		<0.014	U		0.0065	J		<0.008	U		<0.0079	U		<0.034	U		<0.0063	U		<0.0057	U		
	VMP-1-38.5-050521	5/5/2021	<0.018	U		<0.013	U		0.004	J		<0.0076	U		<0.0076	U		<0.033	U		<0.006	U		<0.0055	U		
	VMP-1-38.5-072621	7/26/2021	<0.019	U		<0.014	U		0.024			<0.0081	U		0.0055	J		<0.035	U		0.0016	J		<0.0058	U		
	VMP-1-38.5-102621	10/26/2021	<0.02	U		<0.015	U		0.023			<0.0085	U		<0.0084	U		<0.037	U		<0.0067	U		<0.0061	U		
VMP-2	5 ft	VMP-2-5-012521	1/25/2021	<0.021	U		<0.015	U		0.0047	J		<0.0088	U		<0.0088	U		<0.038	U		<0.0069	U		<0.0063	U	
		VMP-2-5-050721	5/7/2021	<0.016	U		<0.012	U		0.0061	J		<0.0069	U		0.0058	J		<0.03	U		<0.0054	U		<0.005	U	
		VMP-2-5-072921	7/29/2021	<0.018	U		0.013			0.019			<0.0074	U		<0.0073	U		<0.032	U		<0.0058	U		<0.0053	U	
		VMP-2-5-102521	10/25/2021	<0.017	U		<0.012	U		0.014			<0.0072	U		<0.0071	U		<0.031	U		<0.0056	U		<0.0052	U	
	8.5 ft	VMP-2-8.5-012521	1/25/2021	<0.021	U		0.007	J		0.017			<0.0088	U		<0.0087	U		<0.038	U		<0.0069	U		<0.0063	U	
		VMP-2-8.5-050721	5/7/2021	<0.017	U		<0.012	U		0.0036	J		<0.0071	U		0.004	J		<0.03	U		<0.0055	U		<0.0051	U	
		VMP-2-8.5-072921	7/29/2021	<0.02	U		<0.014	U		0.032			<0.0084	U		0.005	J		<0.036	U		<0.0066	U		<0.006	U	
		VMP-2-8.5-102521	10/25/2021	<0.018	U		<0.013	U		0.018			<0.0074	U		<0.0073	U		<0.032	U		<0.0058	U		0.0038	J	
	22 ft	VMP-2-22-012521	1/25/2021	<0.021	U		<0.015	U		0.0078	J		<0.0086	U		0.0036	J		<0.037	U		<0.0068	U		<0.0062	U	
		VMP-2-22-050721	5/7/2021	<0.017	U		<0.012	U		0.0031	J		<0.0072	U		0.0034	J		<0.031	U		<0.0056	U		<0.0052	U	
VMP-2-22-072921		7/29/2021	<0.019	U		<0.014	U		0.012			<0.008	U		0.026			<0.034	U		<0.0063	U		<0.0057	U		
VMP-2-22-102521		10/25/2021	<0.017	U		<0.012	U		0.065			<0.0073	U		<0.0072	U		<0.032	U		<0.0057	U		<0.0052	U		
VMP-3	5 ft	VMP-3-5-012521	1/25/2021	<0.022	U		<0.016	U		0.0074	J		<0.0092	U		<0.0091	U		<0.04	U		<0.0072	U		<0.0066	U	
		VMP-3-5-051021	5/10/2021	<0.017	U		<0.012	U		0.012			<0.007	U		<0.0069	U		<0.03	U		<0.0054	U		<0.005	U	
		VMP-3-5-072721	7/27/2021	0.0013	J		<0.014	U		0.024			<0.0081	U		<0.008	U		<0.035	U		<0.0063	U		<0.0058	U	
		VMP-3-5-102721	10/27/2021	<0.017	U		<0.012	U		0.082			<0.007	U		<0.0069	U		<0.03	U		<0.0054	U		<0.005	U	
	10 ft	VMP-3-10-051021	5/10/2021	<0.016	U		<0.012	U		0.012			<0.0068	U		0.001	J		<0.029	U		<0.0053	U		<0.0049	U	
		VMP-3-10-072721	7/27/2021	<0.018	U		<0.013	U		0.018			<0.0077	U		<0.0076	U		<0.033	U		<0.006	U		<0.0055	U	
		VMP-3-10-102721	10/27/2021	<0.018	U		<0.013	U		0.031			<0.0073	U		0.0045	J		<0.032	U		<0.0058	U		<0.0052	U	
		VMP-3-22-012521	1/25/2021	<0.021	U		<0.015	U		0.0088	J		<0.0086	U		<0.0085	U		<0.037	U		<0.0068	U		<0.0062	U	
	22 ft	VMP-3-22-051021	5/10/2021	<0.016	U		<0.012	U		0.014			<0.0068	U		<0.0067	U		<0.029	U		<0.0053	U		<0.0049	U	
		VMP-3-22-051021-DUP	5/10/2021	<0.016	U		0.0026	J		0.014			<0.0068	U		<0.0067	U		<0.03	U		<0.0053	U		<0.0049	U	
		VMP-3-22-072721	7/27/2021	<0.019	U		<0.014	U		0.0077	J		<0.008	U		<0.0079	U		<0.034	U		<0.0062	U		<0.0057	U	
		VMP-3-22-102721	10/27/2021	<0.018	U		<0.013	U		0.028			<0.0074	U		<0.0074	U		<0.032	U		<0.0058	U		<0.0053	U	
31.5 ft	VMP-3-31.5-012521	1/25/2021	<0.021	U		<0.015	U		0.0074	J		<0.0088	U		<0.0088	U		<0.038	U		<0.0069	U		<0.0063	U		
	VMP-3-31.5-051021	5/10/2021	<0.016	U		<0.012	U		0.02			<0.0068	U		0.0014	J	U	<0.029	J	U	<0.0053	U		<0.0049	J	U	
	VMP-3-31.5-072721	7/27/2021	<4.6	U		920			<2.8	U		<1.9	U		<1.9	U		<8.4	U		<1.5	U		<1.4	U		
	VMP-3-31.5-102721	10/27/2021	<0.017	U		<0.012	U		0.02			<0.0071	U		<0.007	U		<0.031	U		<0.0056	U		<0.0051	U		

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			1,1,2,2-Tetrachloroethane			Tetrachloroethene			1,2,4-Trichlorobenzene			Trichloroethene			1,2,4-Trimethylbenzene		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	0.55			5.4			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			
VMP-4	5 ft	VMP-4-5-012821	1/28/2021	<0.018	U		<0.013	U		0.0056	J		<0.0078	U		<0.0077	U		<0.034	U		<0.0061	U		<0.0056	U	
		VMP-4-5-050521	5/5/2021	<0.017	U		<0.012	U		0.018			<0.0072	U		<0.0071	U		<0.031	U		<0.0056	U		<0.0051	U	
		VMP-4-5-072921	7/29/2021	<0.018	U		<0.013	U		0.0099	J		<0.0076	U		<0.0076	J	U	<0.033	U		<0.006	U		<0.0055	U	
		VMP-4-5-102521	10/25/2021	<0.016	U		<0.011	U		0.023			<0.0066	U		<0.0065	U		<0.028	U		<0.0052	U		<0.0047	U	
	12 ft	VMP-4-12-012821	1/28/2021	<0.018	U		<0.013	U		0.0032	J		<0.0076	U		<0.0076	U		<0.033	U		<0.006	U		<0.0055	U	
		VMP-4-12-050521	5/5/2021	<0.018	U		0.015			0.0046	J		<0.0077	U		<0.0076	U		<0.033	U		<0.006	U		<0.0055	U	
		VMP-4-12-072921	7/29/2021	<0.017	U		<0.012	U		0.015			<0.0071	U		<0.007	U		<0.031	U		<0.0056	U		<0.0051	U	
		VMP-4-12-102521	10/25/2021	<0.017	U		<0.012	U		0.014			<0.0071	U		<0.007	U		<0.03	U		<0.0055	U		<0.0051	U	
	23.5 ft	VMP-4-23.5-012821	1/28/2021	<0.02	U		<0.014	U		0.023			<0.0082	U		<0.0081	U		<0.035	U		<0.0064	U		<0.0059	U	
		VMP-4-23.5-050521	5/5/2021	<0.018	U		<0.013	U		0.0094	J		<0.0077	U		<0.0076	U		<0.033	U		<0.006	U		0.00058	J	
VMP-4-23.5-072921		7/29/2021	<0.017	U		<0.012	U		0.018			<0.0072	U		<0.0071	U		<0.031	U		<0.0056	U		<0.0051	U		
VMP-4-23.5-102521		10/25/2021	<0.016	U		<0.012	U		0.045			<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.0049	U		
VMP-5	5 ft	VMP-5-5-012221	1/22/2021	<0.02	U		<0.015	U		0.0071	J		<0.0086	U		<0.0085	U		<0.037	U		<0.0067	U		<0.0062	U	
		VMP-5-5-050621	5/6/2021	<0.016	U		<0.012	U		0.0064	J		<0.0068	U		0.038			<0.029	U		0.00098	J		<0.0049	U	
		VMP-5-5-072821	7/28/2021	<0.019	U		<0.014	U		0.017			<0.0079	U		<0.0078	U		<0.034	U		<0.0062	U		<0.0057	U	
		VMP-5-5-102521	10/25/2021	<0.017	U		<0.012	U		0.014			<0.0073	U		0.0042	J		<0.031	U		<0.0057	U		<0.0052	U	
	12.5 ft	VMP-5-12.5-012221	1/22/2021	<0.024	U		0.0046	J		0.023			<0.0099	U		<0.0098	U		<0.043	U		<0.0078	U		<0.0071	U	
		VMP-5-12.5-050621	5/6/2021	<0.017	U		<0.012	U		2.1		J	<0.0071	U		<0.007	U		<0.03	U		<0.0055	U		<0.0051	U	
		VMP-5-12.5-050621-DUP	5/6/2021	<0.018	U		<0.013	U		0.54		J	<0.0073	U		<0.0072	U		<0.032	U		<0.0058	U		<0.0052	U	
		VMP-5-12.5-072821	7/28/2021	<0.019	U		<0.014	U		0.013			<0.0079	U		0.01			<0.034	U		<0.0062	U		<0.0056	U	
		VMP-5-12.5-072821-DUP	7/28/2021	<0.019	U		<0.014	U		0.012			<0.008	U		0.02			<0.034	U		<0.0063	U		<0.0057	U	
		VMP-5-12.5-102521	10/25/2021	<0.017	U		<0.012	U		0.017			<0.0071	U		<0.007	U		<0.031	U		<0.0056	U		<0.0051	U	
	31 ft	VMP-5-12.5-102521-DUP	10/25/2021	<0.017	U		<0.012	U		0.03			<0.0072	U		<0.0071	U		<0.031	U		<0.0056	U		<0.0052	U	
		VMP-5-31-012221	1/22/2021	0.00069	J		<0.014	U		0.0072	J		0.0014	J		<0.0083	U		<0.036	U		<0.0066	U		0.0014	J	
		VMP-5-31-050621	5/6/2021	<0.016	U		0.28			0.26			<0.0069	U		0.012			<0.03	U		<0.0054	U		0.01		
		VMP-5-31-072821	7/28/2021	<0.019	U		0.027			0.016			<0.0081	U		<0.008	U		<0.035	U		<0.0063	U		<0.0058	U	
VMP-5-31-102521	10/25/2021	<0.017	U		<0.012	U		0.024			<0.0072	U		<0.0071	U		<0.031	U		<0.0056	U		<0.0051	U			
VMP-6	5 ft	VMP-6-5-012921	1/29/2021	<0.02	U		<0.014	U		0.0021	J		<0.0084	U		<0.0083	U		<0.036	U		<0.0066	U		<0.006	U	
		VMP-6-5-050621	5/6/2021	<0.018	U		0.0046	J		0.04			<0.0075	U		<0.0074	U		<0.032	U		<0.0059	U		<0.0054	U	
		VMP-6-5-072921	7/29/2021	0.001	J		0.015			0.0085	J		<0.0077	U		<0.0076	J	U	<0.033	U		<0.006	U		<0.0055	U	
		VMP-6-5-102521	10/25/2021	<0.017	U		<0.012	U		0.02			<0.0071	U		<0.007	U		<0.031	U		<0.0056	U		<0.0051	U	
	10 ft	VMP-6-10-050621	5/6/2021	<0.017	U		0.002	J		0.0082	J		<0.0072	U		<0.0071	U		<0.031	U		<0.0056	U		0.0049	J	
		VMP-6-10-072921	7/29/2021	<0.019	U		<0.014	U		0.016			<0.0079	U		<0.0078	U		<0.034	U		<0.0062	U		<0.0056	U	
	31.5 ft	VMP-6-10-102521	10/25/2021	<0.017	U		<0.012	U		0.026			<0.0071	U		<0.007	U		<0.031	U		<0.0056	U		<0.0051	U	
		VMP-6-31.5-012921	1/29/2021	<0.02	U		0.0089	J		0.0046	J		<0.0086	U		<0.0085	U		<0.037	U		<0.0067	U		<0.0062	U	
		VMP-6-31.5-012921-DUP	1/29/2021	<0.023	U		0.008	J		0.015			<0.0095	U		<0.0094	U		<0.041	U		<0.0074	U		<0.0068	U	
		VMP-6-31.5-050621	5/6/2021	<0.017	U		<0.012	U		0.0067	J		<0.0072	U		<0.0071	U		<0.031	U		<0.0056	U		<0.0052	U	
		VMP-6-31.5-072921	7/29/2021	<0.018	U		<0.013	U		0.01	J		<0.0074	U		0.01			<0.032	U		<0.0058	U		<0.0053	U	
VMP-6-31.5-072921-DUP	7/29/2021	0.00071	J		<0.012	U		0.031			<0.0073	U		0.015			<0.031	U		<0.0057	U		<0.0052	U			
39 ft	VMP-6-39-102521	10/25/2021	<0.016	U		<0.011	U		0.016			<0.0065	U		<0.0064	U		<0.028	U		<0.0051	U		<0.0047	U		

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			1,1,2,2-Tetrachloroethane			Tetrachloroethene			1,2,4-Trichlorobenzene			Trichloroethene			1,2,4-Trimethylbenzene		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	0.55			5.4			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			
VMP-7	5 ft	VMP-7-5-012621	1/26/2021	<0.021	U		<0.015	U		0.0073	J		<0.0086	U		<0.0085	U		<0.037	U		<0.0068	U		<0.0062	U	
		VMP-7-5-050521	5/5/2021	<0.018	U		<0.013	U		0.007	J		<0.0076	U		<0.0075	U		<0.033	U		<0.0059	U		<0.0054	J	U
		VMP-7-5-072621	7/26/2021	<0.017	U		<0.012	U		0.014			<0.0071	U		<0.007	U		<0.031	U		<0.0056	U		<0.0051	U	
		VMP-7-5-102721	10/27/2021	<0.016	U		0.087			0.12			<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.005	U	
	13.5 ft	VMP-7-13.5-012621	1/26/2021	<0.02	U		<0.014	U		0.015			<0.0085	U		<0.0084	U		<0.037	U		<0.0066	U		<0.0061	U	
		VMP-7-13.5-050521	5/5/2021	<0.018	U		0.0034	J		0.0061	J		<0.0074	U		0.0074			<0.032	U		<0.0058	U		<0.0053	U	
		VMP-7-13.5-072621	7/26/2021	<0.021	U		<0.015	U		0.0087	J		<0.0087	U		<0.0086	U		<0.038	U		<0.0068	U		<0.0062	U	
		VMP-7-13.5-102721	10/27/2021	<0.016	U		<0.012	U		0.017			<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.0049	U	
	29.5 ft	VMP-7-29.5-012621	1/26/2021	<0.02	U		<0.014	U		0.0031	J		<0.0085	U		0.016			<0.037	U		<0.0066	U		<0.0061	U	
		VMP-7-29.5-050521	5/5/2021	<0.017	U		<0.012	U		0.0093	J		<0.007	U		0.012			<0.03	U		<0.0054	U		<0.005	U	
VMP-7-29.5-072621		7/26/2021	<0.018	U		<0.013	U		0.016			<0.0076	U		0.016			<0.033	U		<0.006	U		<0.0054	U		
VMP-7-29.5-102721		10/27/2021	<0.016	U		<0.011	U		0.026		J	<0.0066	U		0.013			<0.029	U		<0.0052	U	UJ	<0.0048	U		
		VMP-7-29.5-102721-DUP	10/27/2021	<0.016	U		<0.012	U		0.07		J	<0.0068	U		0.0048	J		<0.029	U		0.015		J	<0.0049	U	
VMP-8	5 ft	VMP-8-5-012121	1/21/2021	<0.02	U		<0.014	U		0.0095	J		<0.0084	U		<0.0083	U		<0.036	U		<0.0066	U		<0.006	U	
		VMP-8-5-050421	5/4/2021	<0.015	U		<0.011	U		0.013			<0.0063	U		<0.0062	U		<0.027	U		<0.0049	U		<0.0045	U	
		VMP-8-5-072221	7/22/2021	<0.019	U		0.032			0.013			<0.0078	U		<0.0077	U		<0.034	U		<0.0061	U		<0.0056	U	
		VMP-8-5-102921	10/29/2021	<0.018	U		<0.013	U		0.0063	J		<0.0077	U		<0.0076	U		<0.033	U		<0.006	U		<0.0055	U	
	9.5 ft	VMP-8-9.5-012121	1/21/2021	<0.02	U		0.011	J		0.009	J		<0.0085	U		<0.0084	U		<0.037	U		<0.0066	U		<0.0061	U	
		VMP-8-9.5-050421	5/4/2021	<0.016	U		<0.012	U		0.011			<0.0068	U		<0.0067	U		<0.029	U		0.0022	J		<0.0049	U	
		VMP-8-9.5-072221	7/22/2021	<0.018	U		<0.013	U		0.019			<0.0076	U		<0.0075	U		<0.033	U		<0.0059	U		<0.0054	U	
		VMP-8-23.5-012121	1/21/2021	<0.022	U		0.0036	J		0.017			<0.0092	U		0.0016	J		<0.04	U		<0.0072	U		<0.0066	U	
	23.5 ft	VMP-8-23.5-050421	5/4/2021	<0.015	U		<0.011	U		0.0036	J		<0.0064	U		<0.0063	U		<0.028	U		<0.005	U		<0.0046	U	
		VMP-8-23.5-072221	7/22/2021	<0.018	U		<0.013	U		0.025			<0.0078	U		<0.0077	U		<0.034	U		<0.0061	U		<0.0056	U	
		VMP-8-23.5-072221-DUP	7/22/2021	<0.019	U		<0.014	U		0.022			<0.0079	U		<0.0078	U		<0.034	U		<0.0062	U		<0.0056	U	
		VMP-8-35.5-012121	1/21/2021	<0.021	U		<0.015	U		0.011	J		<0.0086	U		<0.0085	U		<0.037	U		<0.0068	U		<0.0062	U	
	35.5 ft	VMP-8-35.5-050421	5/4/2021	<0.016	U		<0.012	U		0.0045	J		<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.005	U	
		VMP-8-35.5-072221	7/22/2021	0.0036	J		<0.012	U		0.016			<0.0072	U		<0.0072	U		<0.031	U		<0.0057	U		<0.0052	U	
VMP-9	5 ft	VMP-9-5-012121	1/21/2021	<0.02	U		0.014	J		0.02			<0.0085	U		<0.0084	U		<0.037	U		<0.0067	U		<0.0061	U	
		VMP-9-5-050421	5/4/2021	<0.017	U		<0.012	U		0.0078	J		<0.0072	U		0.0026	J		<0.031	U		<0.0056	U		0.00038	J	
		VMP-9-5-072221	7/22/2021	0.0024	J		<0.013	U		0.05		J	<0.0073	U		0.0027	J		<0.032	U		<0.0058	U		<0.0052	J	U
		VMP-9-5-072221-DUP	7/22/2021	<0.018	U		<0.013	U		0.022		J	<0.0073	U		<0.0072	U		<0.032	U		<0.0058	U		<0.0052	U	
	VMP-9-5-102221	10/22/2021	<0.018	U		<0.013	U		0.035			<0.0074	U		<0.0074	U		<0.032	U		<0.0058	U		<0.0053	U		
	11.5 ft	VMP-9-11.5-012121	1/21/2021	<0.021	U		0.0063	J		0.0083	J		<0.0089	U		<0.0088	U		<0.038	U		<0.007	U		<0.0064	U	
		VMP-9-11.5-050421	5/4/2021	<0.018	U		<0.013	U		0.0028	J		<0.0073	U		<0.0072	U		<0.032	U		<0.0058	U		<0.0052	U	
		VMP-9-11.5-072221	7/22/2021	<0.017	U		<0.012	U		0.05			<0.0072	U		<0.0071	U		<0.031	U		<0.0056	U		<0.0052	U	
		VMP-9-11.5-102221	10/22/2021	<0.017	U		<0.012	U		0.011			<0.0072	U		<0.0072	U		<0.031	U		<0.0057	U		<0.0052	U	
	25.5 ft	VMP-9-25.5-012121	1/21/2021	<0.021	U		<0.015	U		0.024			<0.0086	U		<0.0085	U		<0.037	U		<0.0068	U		<0.0062	U	
		VMP-9-25.5-050421	5/4/2021	<0.017	U		<0.012	U		0.0049	J		<0.0071	U		0.0018	J		<0.03	U		<0.0055	U		0.0011	J	
		VMP-9-25.5-072221	7/22/2021	0.00076	J		<0.013	U		0.072			<0.0077	U		0.002	J		<0.033	U		<0.006	U		<0.0055	J	U
		VMP-9-25.5-102221	10/22/2021	<0.018	U		<0.013	U		0.01	J		<0.0073	U		0.0022	J		<0.032	U		<0.0058	U		<0.0052	U	
	38.5 ft	VMP-9-38.5-012121	1/21/2021	<0.021	U		0.0019	J		0.008	J		<0.009	U		<0.0089	U		<0.039	U		<0.007	U		<0.0064	U	
VMP-9-38.5-012121-DUP		1/21/2021	<0.021	U		0.0054	J		0.027			<0.0089	U		0.0019	J		<0.038	U		<0.007	U		<0.0064	J	U	
VMP-9-38.5-102221	10/22/2021	<0.016	U		<0.012	U		0.01			<0.0069	U		0.0038	J		<0.03	U		<0.0054	U		<0.005	U			
VMP-18	8.5 ft	VMP-18-8.5-012621	1/26/2021	<0.021	U		<0.015	U		0.0082	J		<0.0088	U		<0.0088	U		<0.038	U		<0.0069	U		<0.0063	J	U
		VMP-18-8.5-072221	7/22/2021	<0.019	U		<0.014	U		0.032			<0.0081	U		0.062			<0.035	U		<0.0063	U		<0.0058	U	
		VMP-18-8.5-110221	11/2/2021	<0.016	U		<0.012	U		0.042			<0.0068	U		<0.0067	U		<0.029	U		<0.0053	U		<0.0049	U	
VMP-19	5 ft	VMP-19-5-012621	1/26/2021	<0.02	U		0.0052	J		0.0051	J		<0.0085	U		<0.0084	U		<0.037	U		<0.0066	U		<0.0061	U	
		VMP-19-5-051121	5/11/2021	<0.016	U		0.0027	J		0.015																	

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			1,1,2,2-Tetrachloroethane			Tetrachloroethene			1,2,4-Trichlorobenzene			Trichloroethene			1,2,4-Trimethylbenzene		
				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	0.55			5.4			1.5					
																Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals			
VMP-20	5 ft	VMP-20-5-012521	1/25/2021	<0.019	U		<0.014	U		0.0037	J		<0.008	U		<0.0079	U		<0.034	U		<0.0063	U		<0.0057	U	
		VMP-20-5-050721	5/7/2021	<0.016	U		<0.012	U		0.019			<0.0068	U		<0.0067	U		<0.029	U		<0.0053	U		<0.0049	U	
		VMP-20-5-072721	7/27/2021	<0.019	U		<0.014	U		0.023			<0.008	U		0.016			<0.034	ND,UJ	UJ	<0.0062	U		<0.0057	U	
		VMP-20-5-110121	11/1/2021	<0.017	U		<0.012	U		<0.01	U		<0.0071	U		<0.007	U		<0.031	U		<0.0056	U		<0.0051	U	
	10 ft	VMP-20-10-012521	1/25/2021	<0.019	U		<0.014	U		0.0034	J		<0.0082	U		<0.0081	U		0.006	J	J	<0.0064	U		<0.0058	U	
		VMP-20-10-050721	5/7/2021	<0.016	U		<0.011	U		0.0065	J		<0.0065	U		<0.0064	U		<0.028	U		<0.0051	U		<0.0047	U	
		VMP-20-10-072721	7/27/2021	<0.018	U		<0.013	U		0.02			<0.0073	U		<0.0072	U		<0.032	ND,UJ	UJ	<0.0058	U		<0.0052	U	
		VMP-20-10-072721-DUP	7/27/2021	<0.017	U		<0.012	U		0.015			<0.0072	U		<0.0071	U		<0.031	ND,UJ	UJ	<0.0056	U		<0.0052	U	
	25 ft	VMP-20-10-110121	11/1/2021	<0.016	U		<0.012	U		0.0051	J		<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.005	U	
		VMP-20-25-012521	1/25/2021	<0.02	U		<0.014	U		0.038			<0.0083	U		0.0028	J		<0.036	U		<0.0065	U		<0.0059	U	
		VMP-20-25-050721	5/7/2021	<0.016	U		<0.011	U		0.016			<0.0066	U		<0.0066	U		<0.029	U		<0.0052	U		<0.0048	U	
		VMP-20-25-050721-DUP	5/7/2021	<0.016	U		<0.011	U		0.021			<0.0065	U		<0.0064	U		<0.028	J	U	<0.0051	U		<0.0047	J	U
VMP-21	5 ft	VMP-20-25-072721	7/27/2021	<0.018	U		<0.013	U		0.041			<0.0074	U		0.0032	J		<0.032	ND,UJ	UJ	<0.0058	U		<0.0053	U	
		VMP-20-25-110121	11/1/2021	<0.017	U		<0.012	U		0.0047	J		<0.007	U		<0.0069	U		<0.03	U		<0.0054	U		<0.005	U	
		VMP-21-5-012521	1/25/2021	<0.021	U		<0.015	U		0.0043	J		<0.0088	U		<0.0088	U		<0.038	U		<0.0069	U		<0.0063	U	
		VMP-21-5-050321	5/3/2021	<0.018	U		<0.013	U		0.017			<0.0075	U		<0.0074	U		<0.032	U		0.00089	J		<0.0054	U	
	10 ft	VMP-21-5-072921	7/29/2021	0.00057	J		<0.012	U		0.0084	J		<0.0072	U		<0.0072	U		<0.031	U		<0.0057	U		<0.0052	U	
		VMP-21-5-102521	10/25/2021	<0.017	U		<0.012	U		0.011			<0.0072	U		0.0022	J		<0.031	U		<0.0057	U		<0.0052	U	
		VMP-21-10-012521	1/25/2021	<0.022	U		<0.016	U		0.0099	J		<0.0091	U		<0.009	U		<0.039	U		<0.0071	U		<0.0065	U	
		VMP-21-10-012521-DUP	1/25/2021	<0.021	U		<0.015	U		0.0054	J		<0.0088	U		<0.0088	U		<0.038	U		<0.0069	U		<0.0063	U	
	25 ft	VMP-21-10-050321	5/3/2021	<0.018	U		<0.013	U		0.0023	J		<0.0074	U		0.62			<0.032	U		0.0029	J		<0.0053	U	
		VMP-21-10-060321-R	6/3/2021	<0.018	U		0.034			0.012			<0.0077	U		<0.0076	U		<0.033	U		<0.006	U		0.00082	J	
		VMP-21-10-072921	7/29/2021	<0.017	U		<0.012	U		0.013			<0.007	U		<0.007	J	U	<0.03	U		<0.0055	U		<0.005	U	
		VMP-21-10-102521	10/25/2021	<0.017	U		<0.012	U		0.013			<0.0071	U		0.0032	J		<0.031	U		<0.0056	U		<0.0051	U	
33 ft	VMP-21-25-012521	1/25/2021	<0.021	U		<0.015	U		0.0082	J		<0.0086	U		<0.0085	U		<0.037	U		<0.0068	U		<0.0062	U		
	VMP-21-25-050321	5/3/2021	<0.018	U		<0.013	U		0.0038	J		<0.0078	U		<0.0077	U		<0.034	U		<0.0061	U		<0.0056	U		
	VMP-21-25-050321-DUP	5/3/2021	<0.018	U		<0.013	U		0.0084	J		<0.0074	U		<0.0073	U		<0.032	U		<0.0058	U		<0.0053	U		
	VMP-21-25-072921	7/29/2021	<0.018	U		<0.013	U		0.0088	J		<0.0074	U		0.0085			<0.032	U		<0.0058	U		<0.0053	U		
VMP-22	5 ft	VMP-21-25-102521	10/25/2021	<0.017	U		<0.012	U		<0.01	U		<0.0072	U		0.0018	J		<0.031	U		<0.0056	U		<0.0052	U	
		VMP-21-33-012521	1/25/2021	<0.02	U		0.0025	J		0.0081	J		<0.0083	U		0.0042	J		<0.036	U		<0.0065	U		<0.0059	U	
		VMP-21-33-050321	5/3/2021	<0.019	U		<0.014	U		0.0056	J		<0.0079	U		0.003	J		<0.034	U		<0.0062	U		<0.0056	U	
		VMP-21-33-072921	7/29/2021	<0.017	U		<0.012	U		0.0092	J		<0.0073	U		0.012			<0.031	U		<0.0057	U		0.0088		
10 ft	VMP-21-33-102521	10/25/2021	<0.016	U		<0.011	U		0.012			<0.0066	U		0.0042	J		<0.029	U		<0.0052	U		<0.0048	U		
	VMP-21-33-102521-DUP	10/25/2021	<0.015	U		<0.011	U		0.011			<0.0065	U		0.0034	J		<0.028	U		<0.0051	U		<0.0046	U		
	VMP-22-5-012621	1/26/2021	<0.022	U		<0.016	U		0.0083	J		<0.0093	U		<0.0092	U		<0.04	U		<0.0073	U		<0.0067	U		
	VMP-22-5-050321	5/3/2021	<0.019	U		0.0012	J		0.0017	J		<0.008	U		<0.0079	U		<0.034	U		<0.0063	U		<0.0057	U		
18 ft	VMP-22-5-072321	7/23/2021	<0.017	U		<0.012	U		0.048		J	<0.0072	U		<0.0071	U		<0.031	U		<0.0056	U		<0.0051	U		
	VMP-22-5-072321-DUP	7/23/2021	<0.017	U		<0.012	U		0.027		J	<0.0072	U		<0.0071	U		<0.031	U		<0.0056	U		<0.0051	U		
	VMP-22-5-110121	11/1/2021	<0.016	U		<0.012	U		0.011			<0.0069	U		0.0028	J		<0.03	U		<0.0054	U		<0.005	U		
	VMP-22-10-012621	1/26/2021	<0.021	U		0.0039	J		0.012	J		<0.0088	U		<0.0087	U		<0.038	U		<0.0069	U		<0.0063	U		
38 ft	VMP-22-10-050321	5/3/2021	<0.019	U		0.0015	J		0.0049	J		<0.0079	U		<0.0078	U		<0.034	U		<0.0062	U		<0.0056	U		
	VMP-22-10-072321	7/23/2021	<0.018	U		<0.013	U		0.016			<0.0074	U		0.0061	J		<0.032	U		<0.0058	U		<0.0053	U		
	VMP-22-10-110121	11/1/2021	<0.017	U		<0.012	U		0.0056	J		<0.0071	U		<0.007	U		<0.031	U		<0.0056	U		<0.0051	U		
	VMP-22-18-012621	1/26/2021	<0.022	U		0.0024	J		0.0031	J		<0.009	U		<0.0089	U		<0.039	U		<0.0071	U		<0.0065	U		
VMP-22	38 ft	VMP-22-18-050321	5/3/2021	<0.018	U		0.0016	J		0.011		<0.0076	U		<0.0076	U		<0.033	U		<0.006	U		<0.0055	U		
		VMP-22-38-012621	1/26/2021	<0.023	U		0.0027	J		0.0054	J		<0.0096	U		<0.0095	U		<0.042	U		<0.0075	U		<0.0069	U	
		VMP-22-38-050321	5/3/2021	<0.18	U		<0.13	U		<0.11	U		<0.076	U		14			<0.33	U		0.13			<0.054	U	
		VMP-22-38-060321-R	6/3/2021	<0.019	U		0.0022	J		0.012			<0.0081	U		<0.008	U		<0.035	U		0.0012					

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			1,1,2,2-Tetrachloroethane			Tetrachloroethene			1,2,4-Trichlorobenzene			Trichloroethene			1,2,4-Trimethylbenzene		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	0.55			5.4			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			
VMP-23	5 ft	VMP-23-5-012121	1/21/2021	<0.022	U		<0.016	U		0.0079	J		<0.0091	U		<0.009	U		<0.039	U		<0.0071	U		<0.0065	U	
		VMP-23-5-050721	5/7/2021	<0.017	U		<0.012	U		0.0047	J		<0.0072	U		0.002	J		<0.031	U		<0.0056	U		<0.0052	U	
		VMP-23-5-072821	7/28/2021	<0.017	U		<0.012	U		0.0084	J		<0.0073	U		<0.0072	U		<0.031	U		<0.0057	U		<0.0052	J	U
	10 ft	VMP-23-5-102521	10/25/2021	<0.017	U		0.015			0.012			<0.007	U		<0.0069	U		<0.03	U		<0.0055	U		0.011		
		VMP-23-10-012121	1/21/2021	<0.021	U		<0.015	U		0.0087	J		<0.0088	U		<0.0088	U		<0.038	U		<0.0069	U		<0.0063	U	
		VMP-23-10-072821	7/28/2021	<0.019	U		<0.014	U		0.02			<0.008	U		<0.0079	U		<0.035	U		<0.0063	U		<0.0058	J	U
	25 ft	VMP-23-10-072821-DUP	7/28/2021	<0.018	U		<0.013	U		0.025			<0.0073	U		<0.0072	U		<0.032	U		<0.0058	U		<0.0052	U	
		VMP-23-10-102521	10/25/2021	<0.019	U		<0.013	U		0.017			<0.0078	U		<0.0077	U		<0.034	U		<0.0061	U		<0.0056	U	
		VMP-23-25-012121	1/21/2021	<0.021	U		<0.015	U		0.029			<0.0087	U		<0.0086	U		<0.038	U		<0.0068	U		<0.0062	U	
VMP-24	5 ft	VMP-23-25-050721	5/7/2021	<0.016	U		<0.011	U		0.0061	J		<0.0066	U		<0.0066	U		<0.029	U		<0.0052	U		<0.0048	U	
		VMP-23-25-072821	7/28/2021	<0.019	U		0.017			0.016			<0.008	U		<0.0079	U		<0.034	U		<0.0063	U		<0.0057	U	
		VMP-23-25-102521	10/25/2021	<0.017	U		<0.012	U		0.021			<0.007	U		<0.007	U		<0.03	U		<0.0055	U		<0.005	U	
	10 ft	VMP-24-5-012121	1/21/2021	<0.02	U		<0.014	U		0.021			<0.0083	U		0.0016	J		<0.036	U		<0.0065	U		<0.0059	U	
		VMP-24-5-051121	5/11/2021	<0.016	U		<0.011	U		0.013			<0.0066	U		<0.0065	U		<0.028	U		<0.0052	U		<0.0047	U	
		VMP-24-5-072221	7/22/2021	<0.021	U		<0.015	U		0.017			<0.0088	U		0.056			<0.038	U		<0.0069	U		<0.0063	U	
	22 ft	VMP-24-5-102221	10/22/2021	<0.018	U		<0.013	U		0.023			<0.0073	U		<0.0072	U		<0.032	U		<0.0058	U		<0.0052	U	
		VMP-24-10-022521	2/25/2021	<0.02	U		0.0045	J		0.0046	J		<0.0085	U		0.0084			<0.037	U		<0.0066	U		<0.0061	U	
		VMP-24-10-051121	5/11/2021	<0.014	U		<0.01	U		0.0087			<0.0061	U		<0.006	U		<0.026	U		<0.0048	U		<0.0044	U	
34 ft	VMP-24-10-051121-DUP	5/11/2021	<0.015	U		<0.011	U		0.021			<0.0062	U		<0.0061	U		<0.027	U		<0.0049	U		<0.0044	U		
	VMP-24-10-072221	7/22/2021	<0.018	U		<0.013	U		0.014			<0.0075	U		0.0088			<0.032	U		<0.0059	U		<0.0054	U		
	VMP-24-10-102221	10/22/2021	<0.016	U		<0.011	U		0.021			<0.0066	U		<0.0066	U		<0.029	U		<0.0052	U		<0.0048	U		
VMP-32	5 ft	VMP-24-10-102221-DUP	10/22/2021	<0.016	U		<0.012	U		0.016			<0.0068	U		<0.0067	U		<0.03	U		<0.0053	U		<0.0049	U	
		VMP-24-22-012121	1/21/2021	<0.02	U		0.0028	J		0.0047	J		<0.0082	U		<0.0081	U		<0.035	U		<0.0064	U		<0.0059	U	
		VMP-24-22-051121	5/11/2021	<0.016	U		<0.012	U		0.024			<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.005	U	
	10 ft	VMP-24-22-072221	7/22/2021	<0.018	U		<0.013	U		0.018			<0.0073	U		<0.0072	U		<0.032	U		<0.0058	U		<0.0052	U	
		VMP-24-22-102221	10/22/2021	<0.017	U		0.031			0.011			<0.0072	U		<0.0071	U		<0.031	U		<0.0056	U		0.013		
		VMP-24-34-012121	1/21/2021	<0.022	U		0.0033	J		0.0082	J		<0.0092	U		<0.0091	U		<0.04	U		<0.0072	U		<0.0066	U	
	20 ft	VMP-24-34-051121	5/11/2021	<0.016	U		<0.012	U		0.014			<0.0068	U		<0.0067	U		<0.03	U		<0.0053	U		<0.0049	U	
		VMP-24-34-072221	7/22/2021	<0.016	U		<0.012	U		0.032			<0.0068	U		<0.0067	U		<0.03	U		<0.0053	U		<0.0049	U	
		VMP-24-34-102221	10/22/2021	<0.017	U		<0.012	U		0.018			<0.0071	U		<0.007	U		<0.031	U		<0.0056	U		<0.0051	U	
VMP-32	5 ft	VMP-32-5-012621	1/26/2021	<0.021	U		0.0025	J		0.014			<0.0086	U		<0.0085	U		<0.037	U		<0.0068	U		<0.0062	U	
		VMP-32-5-051221	5/12/2021	<0.016	U		<0.012	U		0.014			<0.0068	U		<0.0067	U		<0.029	U		<0.0053	U		<0.0049	U	
		VMP-32-5-072321	7/23/2021	0.00078	J		<0.013	U		0.021			<0.0075	U		<0.0074	U		<0.032	U		<0.0059	U		<0.0054	U	
	10 ft	VMP-32-5-072321-DUP	7/23/2021	<0.018	U		<0.013	U		0.016			<0.0077	U		<0.0076	U		<0.033	U		0.0014	J		<0.0055	U	
		VMP-32-5-110121	11/1/2021	<0.016	U		<0.012	U		0.0035	J		<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.0049	U	
		VMP-32-10-012621	1/26/2021	<0.021	U		<0.015	U		0.0043	J		<0.0086	U		<0.0085	U		<0.037	U		<0.0068	U		<0.0062	U	
	20 ft	VMP-32-10-051221	5/12/2021	<0.017	U		<0.012	U		0.014			<0.0072	U		<0.0071	U		0.003	J		<0.0056	U		<0.0052	U	
		VMP-32-10-051221-DUP	5/12/2021	<0.016	U		<0.012	U		0.018			<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.005	J	U
		VMP-32-10-072321	7/23/2021	<0.018	U		<0.013	U		0.026			<0.0077	U		<0.0076	U		<0.033	U		<0.006	U		<0.0055	U	
30 ft	VMP-32-10-110121	11/1/2021	<0.016	U		<0.011	U		<0.0095	U		<0.0066	U		<0.0066	U		<0.029	U		<0.0052	U		<0.0048	U		
	VMP-32-20-012621	1/26/2021	<0.022	U		0.0042	J		0.006	J		<0.0092	U		<0.0091	U		<0.04	U		<0.0072	U		<0.0066	U		
	VMP-32-20-012621-DUP	1/26/2021	<0.021	U		0.004	J		0.006	J		<0.0089	U		<0.0088	U		<0.038	U		<0.007	U		<0.0064	U		
30 ft	VMP-32-20-072321	7/23/2021	<0.019	U		<0.014	U		0.0046	J		<0.0079	U		0.0055	J		<0.034	U		<0.0062	U		<0.0056	U		
	VMP-32-20-110121	11/1/2021	<0.017	U		<0.012	U		0.0056	J		<0.007	U		<0.0069	U		<0.03	U		<0.0055	U		<0.005	U		
	VMP-32-30-012621	1/26/2021	<0.021	U		0.003	J		0.0054	J		<0.0087	U		<0.0086	U		<0.038	U		<0.0068	U		<0.0062	U		
30 ft	VMP-32-30-072321	7/23/2021	<0.018	U		<0.013	U		0.028			<0.0077	U		<0.0076	U		<0.033	U		<0.006	U		0.001	J		
	VMP-32-30-110121	11/1/2021	<0.016	U		<0.012	U		0.0058	J		<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.005	U		

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			1,1,2,2-Tetrachloroethane			Tetrachloroethene			1,2,4-Trichlorobenzene			Trichloroethene			1,2,4-Trimethylbenzene		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	0.55			5.4			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			
VMP-42	10 ft	VMP-42-10-012921	1/29/2021	<0.021	U		0.78			0.0045	J		<0.0088	U		<0.0086	U		<0.038	U		<0.0068	U		<0.0063	U	
		VMP-42-10-050521	5/5/2021	<0.017	U		<0.012	U		0.0051	J		<0.007	U		<0.0069	U		<0.03	U		<0.0054	U		<0.005	U	
		VMP-42-10-072621	7/26/2021	<0.018	U		<0.013	U		0.011			<0.0078	U		<0.0077	U		<0.034	U		0.0026	J		<0.0056	U	
		VMP-42-10-102621	10/26/2021	<0.02	U		<0.015	U		0.038			<0.0086	U		<0.0085	U		<0.037	U		<0.0067	U		<0.0062	U	
	20 ft	VMP-42-20-012921	1/29/2021	<0.021	U		<0.015	U		0.0028	J		<0.009	U		<0.0089	U		<0.039	U		<0.007	U		<0.0064	U	
		VMP-42-20-050521	5/5/2021	<0.019	U		<0.013	U		0.02			<0.0078	U		<0.0077	U		<0.034	U		<0.0061	U		<0.0056	U	
		VMP-42-20-072621	7/26/2021	<0.018	U		<0.013	U		0.023			<0.0076	U		0.0072	J		<0.033	U		<0.0059	U		<0.0054	U	
		VMP-42-20-102621	10/26/2021	<0.018	U		<0.013	U		0.034			<0.0074	U		<0.0074	U		<0.032	U		<0.0058	U		<0.0053	U	
	30 ft	VMP-42-30-012921	1/29/2021	<0.021	U		0.0026	J		0.0043	J		<0.0087	U		<0.0086	U		<0.038	U		<0.0068	U		<0.0062	U	
		VMP-42-30-050521	5/5/2021	<0.019	U		<0.013	U		0.0079	J		<0.0078	U		<0.0077	U		<0.034	U		<0.0061	U		<0.0056	U	
		VMP-42-30-072621	7/26/2021	<0.018	U		<0.013	U		0.038			<0.0077	U		<0.0076	U		<0.033	U		<0.006	U		<0.0055	U	
		VMP-42-30-102621	10/26/2021	<0.016	U		<0.012	U		0.028			<0.0067	U		<0.0066	U		<0.029	U		<0.0053	U		<0.0048	U	
VMP-42-30-102621-DUP	10/26/2021	<0.015	U		<0.011	U		0.039			<0.0065	U		<0.0064	U		<0.028	U		<0.0051	U		<0.0046	U			
VMP-43	10 ft	VMP-43-10-012621	1/26/2021	<0.02	U		<0.014	U		0.004	J		<0.0083	U		<0.0082	U		<0.036	U		<0.0065	U		<0.0059	U	
		VMP-43-10-050521	5/5/2021	<0.018	U		<0.013	U		0.0047	J		<0.0076	U		<0.0075	U		<0.033	U		<0.006	U		<0.0054	U	
		VMP-43-10-072621	7/26/2021	<0.019	U		<0.013	U		0.025			<0.0078	U		<0.0077	U		<0.034	U		<0.0061	U		<0.0056	U	
		VMP-43-10-072621-DUP	7/26/2021	<0.018	U		<0.013	U		0.025			<0.0076	U		<0.0075	U		<0.033	U		<0.006	U		<0.0054	U	
		VMP-43-10-102621	10/26/2021	<0.017	U		<0.012	U		0.026			<0.0071	U		<0.007	U		<0.031	U		<0.0056	U		<0.0051	U	
	20 ft	VMP-43-20-012621	1/26/2021	<0.02	U		<0.014	U		0.0071	J		<0.0083	U		<0.0082	U		<0.036	U		<0.0065	U		<0.0059	U	
		VMP-43-20-050521	5/5/2021	<0.017	U		<0.012	U		0.01			<0.007	U		<0.0069	U		<0.03	U		<0.0055	U		<0.005	U	
		VMP-43-20-072621	7/26/2021	<0.019	U		<0.014	U		0.027			<0.008	U		<0.0079	U		<0.034	U		<0.0062	U		<0.0057	U	
		VMP-43-20-102621	10/26/2021	<0.016	U		<0.012	U		0.024			<0.0069	U		0.0018	J		<0.03	U		<0.0054	U		<0.0049	U	
	30 ft	VMP-43-30-022521	2/25/2021	<0.02	U		<0.014	U		0.013			<0.0085	U		<0.0084	U		<0.037	U		<0.0066	U		<0.0061	U	
		VMP-43-30-050521	5/5/2021	<0.018	U		<0.013	U		0.0069	J		<0.0076	U		<0.0075	U		<0.033	U		<0.006	U		<0.0054	U	
		VMP-43-30-072621	7/26/2021	<0.018	U		<0.013	U		0.024			<0.0076	U		0.0016	J		<0.033	U		0.0021	J		<0.0054	U	
VMP-43-30-102621	10/26/2021	<0.017	U		<0.012	U		0.032			<0.007	U		<0.007	U		<0.03	U		<0.0055	U		<0.005	U			
VMP-45	10 ft	VMP-45-10-012621	1/26/2021	<0.02	U		<0.014	U		0.012			<0.0083	U		<0.0082	U		<0.036	U		<0.0065	U		<0.0059	U	
		VMP-45-10-060321	6/3/2021	<0.018	U		0.011	J		0.006	J		<0.0076	U		<0.0075	U		<0.033	U		<0.0059	U		<0.0054	U	
		VMP-45-10-072621	7/26/2021	<0.018	U		<0.013	U		0.03			<0.0074	U		<0.0074	U		<0.032	U		<0.0058	U		<0.0053	U	
		VMP-45-10-102721	10/27/2021	<0.016	U		<0.012	U		0.021			<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.0049	U	
	20 ft	VMP-45-20-012621	1/26/2021	<0.02	U		<0.014	U		0.0027	J		<0.0083	U		<0.0082	U		<0.036	U		<0.0065	U		<0.0059	U	
		VMP-45-20-050521	5/5/2021	<0.016	U		<0.012	U		0.0054	J		0.00061	J		0.0041	J		0.0058	J		<0.0054	U		<0.005	U	
		VMP-45-20-072621	7/26/2021	<0.02	U		<0.014	U		0.015			<0.0083	U		<0.0082	U		<0.036	U		<0.0065	U		<0.0059	U	
		VMP-45-20-102721	10/27/2021	<0.016	U		<0.011	U		0.021			<0.0065	U		<0.0064	U		<0.028	U		<0.0051	U		<0.0047	U	
	30 ft	VMP-45-30-012621	1/26/2021	<0.02	U		0.0016	J		0.0072	J		<0.0083	U		<0.0082	U		<0.036	U		<0.0065	U		<0.0059	U	
		VMP-45-30-050521	5/5/2021	<0.016	U		0.0072	J		0.027			<0.0068	U		<0.0067	U		<0.029	U		<0.0053	U		<0.0048	J	U
		VMP-45-30-050521-DUP	5/5/2021	<0.016	U		<0.012	U		0.0086	J		<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.0049	U	
		VMP-45-30-072621	7/26/2021	<0.018	U		<0.013	U		0.024			<0.0078	U		<0.0077	U		<0.034	U		<0.0061	U		<0.0056	U	
VMP-45-30-102721	10/27/2021	<0.016	U		<0.012	U		0.044			<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.005	U			
VMP-45-30-102721-DUP	10/27/2021	<0.017	U		<0.012	U		0.024			<0.007	U		<0.0069	U		<0.03	U		<0.0054	U		<0.005	U			

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			1,1,2,2-Tetrachloroethane			Tetrachloroethene			1,2,4-Trichlorobenzene			Trichloroethene			1,2,4-Trimethylbenzene		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	0.55			5.4			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			
VMP-47	5 ft	VMP-47-5-012221	1/22/2021	<0.021	U		<0.015	U		0.006	J		<0.0087	ND,UJ	UJ	<0.0086	U		<0.038	U		<0.0068	U		<0.0062	U	
		VMP-47-5-050621	5/6/2021	<0.017	U		<0.012	U		0.0053	J		<0.0071	U		<0.007	U		<0.03	U		<0.0055	U		<0.0051	U	
		VMP-47-5-072321	7/23/2021	0.0015	J		<0.013	U		0.017			<0.0074	U		<0.0073	U		<0.032	U		<0.0058	U		<0.0053	U	
		VMP-47-5-110121	11/1/2021	<0.016	U		<0.011	U		0.0034	J		<0.0066	U		<0.0065	U		<0.028	U		<0.0051	U		<0.0047	U	
	10 ft	VMP-47-10-012221	1/22/2021	<0.02	U		0.0046	J		0.011	J		<0.0084	ND,UJ	UJ	<0.0083	U		<0.036	U		<0.0066	U		<0.006	U	
		VMP-47-10-050621	5/6/2021	<0.016	U		<0.012	U		0.011			<0.0069	U		0.0019	J		<0.03	U		<0.0054	U		<0.005	U	
		VMP-47-10-072321	7/23/2021	<0.017	U		<0.012	U		0.022			<0.0071	U		0.0022	J		<0.03	U		<0.0055	U		<0.0051	U	
		VMP-47-10-110121	11/1/2021	<0.015	U		<0.011	U		0.0045	J		<0.0064	U		<0.0063	U		<0.027	U		<0.005	U		<0.0045	U	
	20 ft	VMP-47-20-012221	1/22/2021	<0.02	U		<0.014	U		0.0055	J		<0.0084	ND,UJ	UJ	<0.0083	U		<0.036	U		<0.0066	U		<0.006	U	
		VMP-47-20-012221-DUP	1/22/2021	<0.02	U		<0.014	U		0.0092	J		<0.0083	ND,UJ	UJ	<0.0082	U		<0.036	U		<0.0065	U		<0.0059	U	
		VMP-47-20-050621	5/6/2021	<0.016	U		0.0018	J		0.0066	J		<0.0068	U		<0.0067	U		<0.029	U		<0.0053	U		<0.0049	U	
		VMP-47-20-072321	7/23/2021	<0.017	U		<0.012	U		0.027			<0.0072	U		<0.0072	U		<0.031	U		<0.0057	U		<0.0052	U	
	30 ft	VMP-47-30-012221	1/22/2021	<0.021	U		<0.015	U		0.0088	J		<0.0088	ND,UJ	UJ	<0.0086	U		<0.038	U		<0.0068	U		<0.0063	U	
		VMP-47-30-050621	5/6/2021	<0.016	U		<0.012	U		0.015			<0.0069	U		0.0046	J	J	<0.03	U		<0.0054	U		<0.005	U	
		VMP-47-30-050621-DUP	5/6/2021	<0.016	U		0.0028	J		0.012			<0.0069	U		0.027	J	J	<0.03	U		<0.0054	U		<0.005	U	
		VMP-47-30-072321	7/23/2021	<0.016	U		<0.012	U		0.024			<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.005	U	
VMP-47-30-110121	11/1/2021	<0.016	U		<0.012	U		<0.0097	U		<0.0068	U		<0.0067	U		<0.029	U		<0.0053	U		<0.0049	U			
VMP-48	5 ft	VMP-48-5-012521	1/25/2021	<0.02	U		<0.014	U		0.045			<0.0083	U		<0.0082	U		<0.036	U		<0.0065	U		<0.0059	U	
		VMP-48-5-050721	5/7/2021	<0.017	U		<0.012	U		0.016			<0.0072	U		<0.0071	U		<0.031	J	U	<0.0056	U		<0.0052	J	U
		VMP-48-5-073021	7/30/2021	<0.017	U		<0.012	U		0.028			<0.0071	U		<0.007	U		<0.031	U		0.0017	J		<0.0051	U	
		VMP-48-5-110121	11/1/2021	<0.017	U		<0.012	U		0.0062	J		<0.0073	U		<0.0072	U		<0.032	U		<0.0057	U		<0.0052	U	
	10 ft	VMP-48-10-012521	1/25/2021	<0.02	U		<0.014	U		0.0096	J		<0.0083	U		<0.0082	U		<0.036	U		<0.0065	U		<0.0059	U	
		VMP-48-10-050721	5/7/2021	<0.018	U		<0.013	U		0.052			<0.0075	U		<0.0074	U		<0.032	U		<0.0059	U		<0.0054	U	
		VMP-48-10-073021	7/30/2021	<0.019	U		<0.014	U		0.0095	J		<0.008	U		<0.0079	U		<0.034	U		<0.0062	U		<0.0057	U	
		VMP-48-10-110121	11/1/2021	<0.017	U		1.1			0.013			<0.007	U		0.0025	J		<0.03	U		<0.0055	U		<0.005	U	
	20 ft	VMP-48-20-012521	1/25/2021	<0.02	U		<0.014	U		0.028			<0.0085	U		<0.0084	U		<0.037	U		<0.0066	U		<0.0061	U	
		VMP-48-20-012521-DUP	1/25/2021	<0.021	U		<0.015	U		0.016			<0.0086	U		<0.0085	U		<0.037	U		<0.0068	U		<0.0062	U	
	VMP-48-20-110121	11/1/2021	<0.016	U		<0.012	U		0.038			<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.0049	U		
	30 ft	VMP-48-30-012521	1/25/2021	<0.02	U		<0.014	U		0.0057	J		<0.0084	U		<0.0083	U		<0.036	U		<0.0066	U		<0.006	U	
		VMP-48-30-050721	5/7/2021	<0.017	U		<0.012	U		0.014			<0.0071	U		<0.007	U		<0.03	U		<0.0055	U		<0.0051	U	
		VMP-48-30-073021	7/30/2021	<0.018	U		<0.013	U		0.01	J		<0.0074	U		<0.0073	U		<0.032	U		<0.0058	U		<0.0053	U	
		VMP-48-30-073021-DUP	7/30/2021	<0.018	U		<0.013	U		0.013			<0.0076	U		<0.0075	U		<0.033	U		<0.006	U		<0.0054	U	
	VMP-48-30-110121	11/1/2021	<0.017	U		<0.012	U		<0.01	U		<0.007	U		<0.007	U		<0.03	U		<0.0055	U		<0.005	U		
VMP-49	5 ft	VMP-49-5-012521	1/25/2021	<0.019	U		<0.014	U		0.014			<0.0082	U		<0.0081	U		<0.035	U		<0.0064	U		<0.0058	U	
		VMP-49-5-050321	5/3/2021	<0.019	U		<0.014	U		0.0078	J		<0.008	U		<0.0079	U		<0.034	U		<0.0062	U		<0.0057	U	
		VMP-49-5-072921	7/29/2021	<0.018	U		<0.013	U		0.011			<0.0074	U		<0.0074	U		<0.032	U		<0.0058	U		<0.0053	U	
		VMP-49-5-102721	10/27/2021	<0.018	U		<0.013	U		0.021			<0.0073	U		<0.0072	U		<0.032	U		<0.0058	U		<0.0052	U	
	10 ft	VMP-49-10-012521	1/25/2021	<0.018	U		0.01	J		0.012			<0.0077	U		<0.0076	U		<0.033	U		<0.006	U		<0.0055	U	
		VMP-49-10-050321	5/3/2021	<0.018	U		<0.013	U		0.0014	J		<0.0076	U		<0.0075	U		<0.033	U		<0.006	U		<0.0054	U	
		VMP-49-10-072921	7/29/2021	<0.017	U		<0.012	U		0.009	J		<0.0071	U		<0.007	U		<0.031	U		<0.0056	U		<0.0051	U	
		VMP-49-10-102721	10/27/2021	<0.017	U		<0.012	U		0.02			<0.007	U		<0.0069	U		<0.03	U		<0.0054	U		<0.005	U	
	20 ft	VMP-49-20-012521	1/25/2021	<0.019	U		<0.014	U		0.0038	J		<0.008	U		<0.0079	U		<0.034	U		<0.0063	U		<0.0057	U	
		VMP-49-20-050321	5/3/2021	<0.019	U		<0.014	U		0.0054	J		<0.008	U		0.32			<0.034	U		0.0037	J		<0.0057	U	
		VMP-49-20-060321-R	6/3/2021	<0.017	U		<0.012	U		0.015			<0.0073	U		<0.0072	U		<0.032	U		<0.0057	U		<0.0052	U	
		VMP-49-20-072921	7/29/2021	0.003	J		<0.013	U		0.028			<0.0074	U		<0.0073	U		<0.032	U		<0.0058	U		<0.0053	U	
	VMP-49-20-102721	10/27/2021	<0.018	U		<0.013	U		0.023			<0.0074	U		<0.0073	U		<0.032	U		<0.0058	U		<0.0053	U		
	30 ft	VMP-49-30-012521	1/25/2021	<0.021	U		0.0032	J		0.0063	J		<0.0088	U		<0.0088	U		<0.038	U		<0.0069	U		<0.0063	U	
		VMP-49-30-050321	5/3/2021	<0.018	U		0.006	J		0.0063	J		<0.0074	U		0.001											

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			1,1,2,2-Tetrachloroethane			Tetrachloroethene			1,2,4-Trichlorobenzene			Trichloroethene			1,2,4-Trimethylbenzene		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	0.55			5.4			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			
VMP-50	5 ft	VMP-50-5-012621	1/26/2021	<0.02	U		<0.015	U		0.018			<0.0086	U		<0.0085	U		<0.037	U		<0.0067	U		<0.0061	U	
		VMP-50-5-050721	5/7/2021	<0.017	U		<0.012	U		0.0025	J		<0.0072	U		0.003	J		<0.031	U		<0.0056	U		<0.0052	U	
		VMP-50-5-072321	7/23/2021	<0.017	U		<0.012	U		0.0085	J		<0.0072	U		0.014			<0.031	U		<0.0056	U		<0.0052	U	
		VMP-50-5-102521	10/25/2021	<0.017	U		<0.012	U		0.0098	J		<0.007	U		0.0075			<0.03	U		<0.0055	U		<0.005	U	
	10 ft	VMP-50-10-012621	1/26/2021	<0.021	U		<0.015	U		0.012	J		<0.0087	U		0.0017	J		<0.038	U		<0.0068	U		<0.0062	U	
		VMP-50-10-050721	5/7/2021	<0.018	U		<0.013	U		0.0046	J		<0.0073	U		0.0054	J		<0.032	U		<0.0058	U		<0.0052	U	
		VMP-50-10-072321	7/23/2021	<0.018	U		<0.013	U		0.02			<0.0077	U		0.0089			<0.033	U		<0.006	U		<0.0055	U	
		VMP-50-10-102521	10/25/2021	<0.016	U		<0.012	U		0.011			<0.0067	U		0.0085			<0.029	U		<0.0052	U		<0.0048	U	
	20 ft	VMP-50-20-022521	2/25/2021	<0.022	U		<0.016	U		0.0074	J		<0.0091	U		0.0022	J		<0.039	U		<0.0071	U		<0.0065	U	
		VMP-50-20-022521-DUP	2/25/2021	<0.021	U		<0.015	U		0.0046	J		<0.0086	U		<0.0085	U		<0.037	U		<0.0068	U		<0.0062	U	
		VMP-50-20-050721	5/7/2021	<0.016	U		<0.012	U		0.0061	J		<0.0069	U		0.0046	J		<0.03	U		<0.0054	U		<0.005	U	
		VMP-50-20-050721-DUP	5/7/2021	<0.016	U		<0.012	U		0.0032	J		<0.0069	U		0.0038	J		<0.03	U		<0.0054	U		<0.005	U	
30 ft	VMP-50-20-072321	7/23/2021	<0.017	U		0.021			0.01			<0.0072	U		0.0041	J		<0.031	U		<0.0056	U		<0.0052	U		
	VMP-50-20-102521	10/25/2021	<0.017	U		<0.012	U		0.0097	J		<0.0071	U		0.0052	J		<0.03	U		<0.0055	U		<0.0051	U		
	VMP-50-30-012621	1/26/2021	<0.41	U		17			<0.25	U		<0.17	U		<0.17	U		<0.74	U		<0.13	U		<0.12	U		
	VMP-50-30-050721	5/7/2021	<0.33	U		9.6			<0.2	U		<0.14	U		<0.14	U		<0.6	U		<0.11	U		<0.099	U		
VMP-50-30-072321	7/23/2021	<0.18	U		8.8				0.028	J		<0.077	U		<0.076	U		<0.33	U		<0.06	U		<0.055	U		
	VMP-50-30-102521	10/25/2021	<0.32	U		9.7			<0.19	U		<0.13	U		<0.13	U		<0.58	U		<0.1	U		<0.095	U		
VMP-51	5 ft	VMP-51-5-012221	1/22/2021	<0.021	U		<0.015	U		0.0063	J		<0.0087	U		<0.0086	U		<0.038	U		<0.0068	U		<0.0062	U	
		VMP-51-5-050421	5/4/2021	<0.017	U		<0.012	U		0.0027	J		<0.0072	U		<0.0071	U		<0.031	U		<0.0056	U		<0.0052	U	
		VMP-51-5-072321	7/23/2021	<0.019	U		<0.014	U		0.013			<0.0079	U		0.011			<0.034	U		0.00097	J		<0.0056	U	
		VMP-51-5-102521	10/25/2021	<0.017	U		<0.012	U		0.031			<0.0072	U		<0.0071	U		<0.031	U		<0.0056	U		<0.0052	U	
	10 ft	VMP-51-10-012221	1/22/2021	<0.021	U		<0.015	U		0.0079	J		<0.0088	U		0.0018	J		<0.038	U		<0.0069	U		<0.0063	U	
		VMP-51-10-050421	5/4/2021	<0.018	U		<0.013	U		0.0027	J		<0.0075	U		0.0021	J		<0.032	U		<0.0059	U		<0.0054	U	
		VMP-51-10-072321	7/23/2021	<0.019	U		<0.014	U		0.017			<0.0079	U		0.0053	J		<0.034	U		<0.0062	U		<0.0056	U	
		VMP-51-10-102521	10/25/2021	<0.018	U		<0.013	U		0.017			<0.0076	U		0.004	J		<0.033	U		<0.006	U		<0.0054	U	
	20 ft	VMP-51-20-012221	1/22/2021	<0.02	U		0.0022	J		0.0098	J		<0.0083	U		<0.0082	U		<0.036	U		<0.0065	U		<0.0059	U	
		VMP-51-20-050421	5/4/2021	<0.017	U		<0.012	U		0.023			<0.0071	U		<0.007	U		<0.03	U		<0.0055	U		<0.0051	U	
		VMP-51-20-072321	7/23/2021	<0.02	U		<0.014	U		0.015			<0.0082	U		<0.0081	U		<0.036	U		<0.0064	U		<0.0059	U	
		VMP-51-20-102521	10/25/2021	<0.017	U		<0.012	U		0.023			<0.0072	U		<0.0071	U		<0.031	U		<0.0056	U		<0.0052	U	
30 ft	VMP-51-30-012221	1/22/2021	<0.022	U		<0.016	U		0.022			<0.0091	U		<0.009	U		<0.039	U		<0.0071	U		<0.0065	U		
	VMP-51-30-050421	5/4/2021	<0.018	U		<0.013	U		0.002	J		<0.0077	U		0.023			<0.033	U		<0.006	U		<0.0055	U		
	VMP-51-30-072321	7/23/2021	<0.017	U		<0.012	U		0.011			<0.0071	U		<0.007	U		<0.03	U		<0.0055	U		<0.0051	U		
	VMP-51-30-102521	10/25/2021	<0.018	U		<0.013	U		0.019			<0.0075	U		<0.0074	U		<0.032	U		<0.0059	U		<0.0054	U		
VMP-52	5 ft	VMP-52-5-012221	1/22/2021	<0.02	U		0.0036	J		0.0073	J		<0.0084	ND,UJ	UJ	<0.0083	U		<0.036	U		<0.0066	U		<0.006	U	
		VMP-52-5-012221-DUP	1/22/2021	<0.018	U		0.0026	J		0.0065	J		<0.0078	ND,UJ	UJ	<0.0077	U		<0.034	U		<0.0061	U		0.0011	J	
		VMP-52-5-050421	5/4/2021	<0.016	U		0.033			0.0066	J		<0.0068	U		<0.0067	U		<0.029	U		<0.0053	U		<0.0049	U	
		VMP-52-5-072221	7/22/2021	0.0018	J		<0.013	U		0.024			<0.0078	U		0.018			<0.034	U		0.022			<0.0056	U	
		VMP-52-5-110221	11/2/2021	<0.016	U		<0.012	U		0.019			<0.0067	U		<0.0066	U		<0.029	U		<0.0053	U		<0.0048	U	
	10 ft	VMP-52-10-012221	1/22/2021	<0.02	U		<0.014	U		0.0098	J		<0.0083	ND,UJ	UJ	<0.0082	U		<0.036	U		<0.0065	U		<0.0059	U	
		VMP-52-10-050421	5/4/2021	<0.016	U		<0.012	U		0.0074	J		<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.005	U	
		VMP-52-10-072221	7/22/2021	<0.02	U		<0.014	U		0.016			<0.0082	U		<0.0081	U		<0.036	U		<0.0064	U		<0.0059	U	
		VMP-52-10-110221	11/2/2021	<0.016	U		<0.012	U		0.038			<0.0069	U		0.0019	J		<0.03	U		<0.0054	U		<0.0049	U	
	20 ft	VMP-52-20-012221	1/22/2021	<0.02	U		0.013	J		0.022			<0.0082	ND,UJ	UJ	<0.0081	U		<0.036	U		<0.0064	U		<0.0059	U	
		VMP-52-20-050421	5/4/2021	<0.017	U		<0.012	U		0.1			<0.0072	U		<0.0071	U		<0.031	U		<0.0056	U		<0.0052	U	
		VMP-52-20-072221	7/22/2021	<0.017	U		<0.012	U		0.015			<0.0071	U		<0.007	U		<0.031	U		0.00085	J		0.0017	J	
VMP-52-20-110221		11/2/2021	<0.016	U		<0.012	U		0.012		J	<0.0068	U		<0.0067	U		<0.029	U		<0.0053	U		<0.0049	U		
30 ft	VMP-52-20-110221-DUP	11/2/2021	<0.015	U		<0.011	U		0.036		J	<0.0065	U		0.0022	J		<0.028	U		<0.0051	U		<0.0046	U		

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			1,1,2,2-Tetrachloroethane			Tetrachloroethene			1,2,4-Trichlorobenzene			Trichloroethene			1,2,4-Trimethylbenzene		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	0.55			5.4			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			
VMP-53	5 ft	VMP-53-5-012121	1/21/2021	<0.02	U		0.019			0.017			<0.0083	U		0.00097	J		<0.036	U		<0.0065	U		<0.0059	U	
		VMP-53-5-050421	5/4/2021	<0.016	U		<0.012	U		0.0077	J		<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.005	U	
		VMP-53-5-072221	7/22/2021	<0.018	U		<0.013	U		0.011			<0.0075	U		0.0082			<0.032	U		0.005	J		<0.0054	U	
		VMP-53-5-102221	10/22/2021	<0.015	U		<0.011	U		0.0091	J		<0.0064	U		<0.0064	U		<0.028	U		<0.005	U		<0.0046	U	
	10 ft	VMP-53-10-012121	1/21/2021	<0.02	U		<0.014	U		0.0049	J		<0.0084	U		<0.0083	U		<0.036	U		<0.0066	U		<0.006	U	
		VMP-53-10-050421	5/4/2021	<0.016	U		<0.011	U		0.0036	J		<0.0065	U		0.87		J	<0.028	U		0.029		J	<0.0047	U	
		VMP-53-10-050421-DUP	5/4/2021	<0.016	U		<0.012	U		0.0039	J		<0.0069	U		2.6		J	<0.03	U		0.054		J	<0.005	U	
		VMP-53-10-060321-R	6/3/2021	<0.018	U		0.0035	J		0.0039	J		<0.0077	U		<0.0076	U		<0.033	U		<0.006	U		<0.0055	U	
	20 ft	VMP-53-10-072221	7/22/2021	<0.019	U		<0.014	U		0.021			<0.008	U		<0.0079	U		<0.034	U		<0.0063	U		<0.0057	U	
		VMP-53-10-102221	10/22/2021	<0.017	U		<0.012	U		0.011			<0.0071	U		<0.007	U		<0.031	U		<0.0056	U		<0.0051	U	
		VMP-53-20-012121	1/21/2021	<0.02	U		0.0034	J		0.0082	J		<0.0085	U		<0.0084	U		<0.037	U		<0.0067	U		0.022		
		VMP-53-20-050421	5/4/2021	<0.018	U		0.0032	J		0.0032	J		<0.0075	U		<0.0074	U		<0.032	U		<0.0059	U		0.0011	J	
	30 ft	VMP-53-20-072221	7/22/2021	<0.019	U		<0.014	U		0.025			<0.008	U		0.0067	J		<0.034	U		<0.0063	U		<0.0057	U	
		VMP-53-20-102221	10/22/2021	<0.016	U		<0.012	U		0.044			<0.0068	U		<0.0067	U		<0.029	U		<0.0053	U		<0.0048	U	
		VMP-53-30-012121	1/21/2021	<0.02	U		0.0032	J		0.0052	J		<0.0083	U		<0.0082	U		<0.036	U		<0.0065	U		<0.0059	U	
		VMP-53-30-050421	5/4/2021	<0.016	U		<0.012	U		0.0098			<0.0068	U		<0.0067	U		<0.029	U		<0.0053	U		<0.0049	U	
VMP-54	5 ft	VMP-53-30-072221	7/22/2021	<0.018	U		<0.013	U		0.026		<0.0074	U		0.011			<0.032	U		<0.0058	U		<0.0053	U		
		VMP-53-30-102221	10/22/2021	<0.017	U		<0.012	U		0.023		J	<0.007	U		0.002	J		<0.03	U		<0.0054	U		0.003	J	
		VMP-53-30-102221-DUP	10/22/2021	<0.015	U		<0.011	U		0.053		J	<0.0065	U		<0.0064	U		<0.028	U		<0.0051	U		<0.0046	U	
		VMP-54-5-012821	1/28/2021	<0.018	U		<0.013	U		0.0044	J		<0.0076	U		<0.0075	U		<0.033	U		<0.0059	U		<0.0054	U	
VMP-54	5 ft	VMP-54-5-050421	5/4/2021	<0.016	U		<0.011	U		0.0018	J		<0.0066	U		0.0012	J		<0.029	U		<0.0052	U		<0.0048	U	
		VMP-54-5-072221	7/22/2021	<0.019	U		<0.014	U		0.01	J		<0.008	U		<0.0079	J	U	<0.034	U		<0.0062	U		0.0026	J	
		VMP-54-5-102921	10/29/2021	<0.016	U		0.0039	J		0.021			<0.0065	U		0.0024	J		<0.028	U		<0.0051	U		<0.0047	U	
	10 ft	VMP-54-10-012821	1/28/2021	<0.019	U		<0.014	U		0.0041	J		<0.0079	U		<0.0078	U		<0.034	U		<0.0062	U		<0.0056	U	
		VMP-54-10-012821-DUP	1/28/2021	<0.019	U		<0.014	U		0.002	J		<0.0082	U		<0.0081	U		<0.035	U		<0.0064	U		<0.0058	U	
		VMP-54-10-050421	5/4/2021	<0.016	U		<0.011	U		0.0054	J		<0.0066	U		0.008			<0.029	U		<0.0052	U		<0.0048	U	
	20 ft	VMP-54-10-072221	7/22/2021	<0.017	U		<0.012	U		0.014			<0.0072	U		0.0022	J		<0.031	U		<0.0056	U		<0.0052	U	
		VMP-54-10-102921	10/29/2021	<0.016	U		<0.012	U		0.016			<0.0068	U		0.005	J		<0.029	U		<0.0053	U		<0.0049	U	
		VMP-54-20-012821	1/28/2021	<0.019	U		<0.014	U		0.012			<0.0081	U		0.003	J		<0.035	U		<0.0064	U		<0.0058	U	
	30 ft	VMP-54-20-050421	5/4/2021	<0.016	U		<0.012	U		0.0082	J		<0.0068	U		0.0014	J		<0.029	U		<0.0053	U		<0.0049	U	
		VMP-54-20-072221	7/22/2021	<0.017	U		<0.012	U		0.015			<0.0073	U		<0.0072	J	U	<0.031	U		<0.0057	U		<0.0052	U	
		VMP-54-20-102921	10/29/2021	<0.017	U		<0.012	U		0.012			<0.0073	U		0.0025	J		<0.031	U		<0.0057	U		<0.0052	U	
VMP-54-30-012821		1/28/2021	<0.019	U		<0.014	U		0.0038	J		<0.0081	U		<0.008	U		<0.035	U		<0.0063	U		<0.0058	U		
VMP-54-30-050421		5/4/2021	<0.016	U		0.0085	J		0.0049	J		<0.0065	U		0.0014	J		<0.028	U		<0.0051	U		<0.0047	U		
VMP-54-30-050421-DUP		5/4/2021	<0.015	U		0.0021	J		0.007	J		<0.0064	U		0.001	J		<0.028	U		<0.005	U		<0.0046	U		
VMP-56	10 ft	VMP-54-30-072221	7/22/2021	<0.019	U		<0.014	U		0.014		<0.008	U		<0.0079	J	U	<0.035	U		<0.0063	U		0.00059	J		
		VMP-54-30-102921	10/29/2021	<0.018	U		<0.013	U		0.015			<0.0073	U		<0.0072	U		<0.032	U		<0.0058	U		<0.0052	U	
		VMP-56-10-012121	1/21/2021	<0.021	U		<0.015	U		0.008	J		<0.009	U		<0.0089	U		<0.039	U		<0.007	U		<0.0064	U	
		VMP-56-10-050521	5/5/2021	<0.019	U		<0.014	U		0.0096	J		<0.0081	U		<0.008	U		<0.035	U		<0.0063	U		<0.0058	U	
	25 ft	VMP-56-10-072621	7/26/2021	<0.018	U		<0.013	U		0.028			<0.0074	U		<0.0073	U		<0.032	U		<0.0058	U		<0.0053	U	
		VMP-56-10-102221	10/22/2021	<0.017	U		<0.012	U		0.014			<0.0073	U		<0.0072	U		<0.032	U		<0.0057	U		<0.0052	U	
		VMP-56-25-012121	1/21/2021	<0.021	U		0.0086	J		0.011	J		<0.0086	U		<0.0085	U		<0.037	U		<0.0068	U		<0.0062	U	
VMP-56	25 ft	VMP-56-25-012121-DUP	1/21/2021	<0.02	U		0.0098	J		0.022		<0.0086	U		<0.0085	U		<0.037	U		<0.0067	U		<0.0061	U		
		VMP-56-25-050521	5/5/2021	<0.019	U		<0.014	U		0.012			<0.008	U		0.001	J		<0.035	U		<0.0063	U		<0.0058	U	
		VMP-56-25-050521-DUP	5/5/2021	<0.018	U		<0.013	U		0.01			<0.0073	U		0.0051	J		<0.032	U		<0.0058	U		<0.0052	U	
		VMP-56-25-072621	7/26/2021	<0.018	U		<0.013	U		0.025			<0.0077	U		<0.0076	U		<0.033	U		<0.006	U		<0.0055	U	
VMP-56-25-102221	10/22/2021	<0.018	U		<0.013	U		0.028			<0.0077	U		<0.0076	U		<0.033	U		<0.006	U		<0.0055	U			

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			1,1,2,2-Tetrachloroethane			Tetrachloroethene			1,2,4-Trichlorobenzene			Trichloroethene			1,2,4-Trimethylbenzene		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	0.55			5.4			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			
VMP-62	5 ft	VMP-62-5-012221	1/22/2021	<0.019	U		<0.014	U		<0.011	J	U	<0.008	ND,UJ	UJ	<0.0079	U		<0.034	U		<0.0063	U		<0.0057	U	
		VMP-62-5-050621	5/6/2021	<0.016	U		0.0041	J		0.0065	J		<0.0068	U		<0.0067	U		<0.029	U		<0.0053	U		<0.0049	U	
		VMP-62-5-072321	7/23/2021	<0.016	U		<0.012	U		0.019			<0.0068	U		<0.0067	U		<0.029	U		<0.0053	U		<0.0049	U	
		VMP-62-5-110121	11/1/2021	<0.015	U		<0.011	U		0.033			<0.0065	U		<0.0064	U		<0.028	U		<0.0051	U		<0.0046	U	
	10 ft	VMP-62-10-012221	1/22/2021	<0.02	U		0.0056	J		0.0043	J		<0.0085	ND,UJ	UJ	<0.0084	U		<0.037	U		<0.0067	U		<0.0061	U	
		VMP-62-10-050621	5/6/2021	<0.016	U		<0.012	U		0.0072	J		<0.0068	U		<0.0067	U		<0.029	U		<0.0053	U		<0.0049	U	
		VMP-62-10-072321	7/23/2021	<0.018	U		<0.013	U		0.017			<0.0074	U		0.0038	J		<0.032	U		<0.0058	U		<0.0053	U	
		VMP-62-10-110121	11/1/2021	<0.017	U		<0.012	U		0.0036	J		<0.007	U		<0.0069	U		<0.03	U		<0.0054	U		<0.005	U	
	20 ft	VMP-62-20-050621	5/6/2021	<0.016	U		<0.012	U		0.011			<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.005	U	
		VMP-62-20-072321	7/23/2021	<0.018	U		0.037			0.2			<0.0074	U		0.0065	J		<0.032	U		<0.0058	U		<0.0053	U	
		VMP-62-20-110121	11/1/2021	<0.016	U		<0.012	U		0.013			<0.0067	U		<0.0066	U		<0.029	U		<0.0053	U		<0.0048	U	
		VMP-62-30-012221	1/22/2021	<0.018	U		<0.013	U		0.0069	J		<0.0073	ND,UJ	UJ	<0.0072	J	U	<0.032	U		<0.0058	U		<0.0052	U	
	30 ft	VMP-62-30-050621	5/6/2021	<0.016	U		<0.012	U		0.0086	J		<0.0068	U		0.0085			<0.029	U		<0.0053	U		<0.0049	U	
		VMP-62-30-072321	7/23/2021	<0.018	U		<0.013	U		0.026			<0.0074	U		0.014			<0.032	U		0.0011	J		<0.0053	U	
VMP-62-30-110121		11/1/2021	<0.016	U		<0.012	U		0.0045	J		<0.0067	U		0.0049	J		<0.029	U		<0.0053	U		<0.0048	U		
VMP-62-30-110121-DUP		11/1/2021	<0.015	U		<0.011	U		0.0056	J		<0.0064	U		0.0046	J		<0.028	U		<0.005	U		<0.0046	U		
VMP-63	5 ft	VMP-63-5-012921	1/29/2021	<0.02	U		<0.014	U		0.0052	J		<0.0083	U		<0.0082	U		<0.036	U		<0.0065	U		<0.006	U	
		VMP-63-5-050521	5/5/2021	<0.018	U		<0.013	U		0.021			<0.0077	U		<0.0076	U		<0.033	U		<0.006	U		<0.0055	U	
		VMP-63-5-072621	7/26/2021	<0.017	U		<0.012	U		0.032			<0.0071	U		<0.007	U		<0.03	U		<0.0055	U		<0.0051	U	
		VMP-63-5-102621	10/26/2021	<0.021	U		<0.015	U		0.019			<0.0088	U		<0.0087	U		<0.038	U		<0.0069	U		<0.0063	U	
	10 ft	VMP-63-10-012921	1/29/2021	<0.086	U		4.1			0.0048	J		<0.036	U		<0.036	U		<0.16	U		<0.028	U		<0.026	U	
		VMP-63-10-050521	5/5/2021	<0.017	U		<0.012	U		0.0067	J		<0.0072	U		<0.0072	U		<0.031	U		<0.0057	U		<0.0052	U	
		VMP-63-10-072621	7/26/2021	<0.017	U		<0.012	U		0.0095	J		<0.0071	U		<0.007	U		<0.031	U		<0.0056	U		<0.0051	U	
		VMP-63-10-102621	10/26/2021	<0.02	U		<0.014	U		0.036			<0.0084	U		<0.0083	U		<0.036	U		<0.0066	U		<0.006	U	
	20 ft	VMP-63-20-012921	1/29/2021	<0.021	U		0.28			0.006	J		<0.009	U		<0.0089	U		<0.039	U		<0.007	U		<0.0064	U	
		VMP-63-20-050521	5/5/2021	<0.019	U		<0.014	U		0.0094	J		<0.008	U		<0.0079	U		<0.034	U		0.0053	J		<0.0057	U	
		VMP-63-20-072621	7/26/2021	<0.018	U		<0.013	U		0.041			<0.0074	U		0.011			<0.032	U		<0.0058	U		<0.0053	U	
		VMP-63-20-102621	10/26/2021	<0.02	U		<0.015	U		0.019			<0.0085	U		0.0022	J		<0.037	U		<0.0067	U		<0.0061	U	
	30 ft	VMP-63-30-012921	1/29/2021	<0.02	U		<0.015	U		0.0075	J		<0.0086	U		<0.0085	U		<0.037	U		<0.0067	U		<0.0062	U	
		VMP-63-30-050521	5/5/2021	<0.018	U		<0.013	U		0.022			<0.0076	U		0.0029	J		<0.033	U		<0.006	U		<0.0054	U	
VMP-63-30-072621		7/26/2021	<0.017	U		<0.012	U		0.03			<0.007	U		<0.007	U		<0.03	U		0.0015	J		<0.005	U		
VMP-63-30-072621-DUP		7/26/2021	<0.017	U		<0.012	U		0.014			<0.0072	U		<0.0071	U		<0.031	U		0.00092	J		<0.0051	U		
VMP-63-30-102621		10/26/2021	<0.019	U		<0.014	U		0.03			<0.0081	U		<0.008	U		<0.035	U		<0.0064	U		<0.0058	U		
VMP-63-30-102621-DUP		10/26/2021	<0.019	U		<0.014	U		0.024			<0.0081	U		<0.008	U		<0.035	U		<0.0064	U		<0.0058	U		

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			1,1,2,2-Tetrachloroethane			Tetrachloroethene			1,2,4-Trichlorobenzene			Trichloroethene			1,2,4-Trimethylbenzene		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	0.55			5.4			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			
VMP-64	5 ft	VMP-64-5-012221	1/22/2021	<0.02	U		<0.015	U		0.0054	J		<0.0085	ND,UJ	UJ	<0.0084	U		<0.037	U		<0.0067	U		<0.0061	U	
		VMP-64-5-050621	5/6/2021	0.0015	J		<0.013	U		0.0094	J		<0.0075	U		<0.0074	U		<0.032	U		<0.0059	U		<0.0054	U	
		VMP-64-5-073021	7/30/2021	<0.018	U		<0.013	U		0.01	J		<0.0074	U		0.0016	J		<0.032	U		<0.0058	U		<0.0053	U	
		VMP-64-5-110121	11/1/2021	<0.017	U		<0.012	U		0.0043	J		<0.0071	U		<0.007	U		<0.03	U		<0.0055	U		<0.0051	U	
	10 ft	VMP-64-10-012221	1/22/2021	<0.018	U		<0.013	U		0.01	J		<0.0078	ND,UJ	UJ	<0.0077	U		<0.034	U		<0.0061	U		<0.0056	U	
		VMP-64-10-050621	5/6/2021	<0.018	U		<0.013	U		0.0081	J		<0.0073	U		<0.0072	U		<0.032	U		<0.0058	U		<0.0052	U	
		VMP-64-10-073021	7/30/2021	<0.019	U		<0.014	U		0.0084	J		<0.0079	U		<0.0078	U		<0.034	U		<0.0062	U		<0.0056	U	
		VMP-64-10-110121	11/1/2021	<0.016	U		<0.012	U		<0.0097	U		<0.0068	U		<0.0067	U		<0.029	U		<0.0053	U		<0.0049	U	
	20 ft	VMP-64-20-012221	1/22/2021	<0.019	U		0.0029	J		0.0069	J		<0.0082	ND,UJ	UJ	0.024			<0.035	U		<0.0064	U		<0.0058	U	
		VMP-64-20-050621	5/6/2021	<0.019	U		0.0018	J		0.013			<0.008	U		0.069			<0.035	U		<0.0063	U		<0.0058	U	
		VMP-64-20-073021	7/30/2021	<0.018	U		<0.013	U		0.0089	J		<0.0074	U		<0.0073	U		<0.032	U		0.0018	J		<0.0053	U	
		VMP-64-20-110121	11/1/2021	<0.016	U		<0.012	U		0.0074	J		<0.0069	U		0.058			<0.03	U		<0.0054	U		<0.0049	U	

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

Location	Depth	Sample ID	Sample Date	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	0.29			130			120		
										Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-012921	1/29/2021	<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-1-5-050521	5/5/2021	<0.0053	U		<0.0051	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-1-5-072621	7/26/2021	<0.0053	U		<0.0051	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-1-5-102621	10/26/2021	<0.0056	U		<0.0054	U		<0.0029	U		<0.005	U		<0.005	U	
	8.5 ft	VMP-1-8.5-012921	1/29/2021	<0.0059	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-1-8.5-050521	5/5/2021	<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-1-8.5-072621	7/26/2021	<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-1-8.5-102621	10/26/2021	<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
	23.5 ft	VMP-1-23.5-012921	1/29/2021	<0.0063	U		0.0012	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-1-23.5-012921-DUP	1/29/2021	<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-1-23.5-072621	7/26/2021	<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-1-23.5-102621	10/26/2021	<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
38.5 ft	VMP-1-38.5-012921	1/29/2021	<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U		
	VMP-1-38.5-050521	5/5/2021	<0.0055	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U		
	VMP-1-38.5-072621	7/26/2021	<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U		
	VMP-1-38.5-102621	10/26/2021	<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U		
VMP-2	5 ft	VMP-2-5-012521	1/25/2021	<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-2-5-050721	5/7/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-2-5-072921	7/29/2021	<0.0053	U		0.011			<0.0027	U		<0.0047	U		<0.0047	U	
		VMP-2-5-102521	10/25/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
	8.5 ft	VMP-2-8.5-012521	1/25/2021	<0.0063	U		0.0095			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-2-8.5-050721	5/7/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-2-8.5-072921	7/29/2021	<0.006	U		0.005	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-2-8.5-102521	10/25/2021	<0.0053	U		0.0099			<0.0028	U		0.0048			0.0024	J	
	22 ft	VMP-2-22-012521	1/25/2021	<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-2-22-050721	5/7/2021	<0.0052	U		0.0016	J		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-2-22-072921	7/29/2021	<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-2-22-102521	10/25/2021	<0.0052	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
VMP-3	5 ft	VMP-3-5-012521	1/25/2021	<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-3-5-051021	5/10/2021	<0.005	U		0.0051			<0.0026	U		<0.0044	J	U	<0.0044	U	
		VMP-3-5-072721	7/27/2021	<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-3-5-102721	10/27/2021	<0.005	U		0.0012	J		<0.0026	U		<0.0044	U		<0.0044	U	
	10 ft	VMP-3-10-051021	5/10/2021	<0.0049	U		0.003	J		<0.0025	U		<0.0043	J	U	<0.0043	U	
		VMP-3-10-072721	7/27/2021	<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-3-10-102721	10/27/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
	22 ft	VMP-3-22-012521	1/25/2021	<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-3-22-051021	5/10/2021	<0.0049	U		<0.0046	U		<0.0025	U		<0.0043	U		<0.0043	U	
		VMP-3-22-051021-DUP	5/10/2021	<0.0049	U		<0.0046	U		<0.0025	U		<0.0043	U		<0.0043	U	
		VMP-3-22-072721	7/27/2021	<0.0057	U		0.0022	J		<0.003	U		<0.005	U		<0.005	U	
			VMP-3-22-102721	10/27/2021	<0.0053	U		<0.0051	U		<0.0028	U		<0.0047	U		<0.0047	U
31.5 ft	VMP-3-31.5-012521	1/25/2021	<0.0063	U		0.022			<0.0033	U		<0.0056	U		<0.0056	U		
	VMP-3-31.5-051021	5/10/2021	<0.0049	U		<0.0046	U		<0.0025	U		<0.0043	U		<0.0043	U		
	VMP-3-31.5-072721	7/27/2021	<1.4	U		270			<0.72	U		<1.2	U		<1.2	U		
	VMP-3-31.5-102721	10/27/2021	<0.0051	U		0.03			<0.0026	U		<0.0045	U		<0.0045	U		

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

Location	Depth	Sample ID	Sample Date	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	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
VMP-4	5 ft	VMP-4-5-012821	1/28/2021	<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-4-5-050521	5/5/2021	<0.0051	U		<0.0049	U		<0.0027	U		<0.0045	U		<0.0045	U	
		VMP-4-5-072921	7/29/2021	<0.0055	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-4-5-102521	10/25/2021	<0.0047	U		<0.0045	U		<0.0024	U		<0.0042	U		<0.0042	U	
	12 ft	VMP-4-12-012821	1/28/2021	<0.0055	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-4-12-050521	5/5/2021	<0.0055	U		0.0064			<0.0029	U		0.00097	J		<0.0049	U	
		VMP-4-12-072921	7/29/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
	23.5 ft	VMP-4-12-102521	10/25/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-4-23.5-012821	1/28/2021	<0.0059	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-4-23.5-050521	5/5/2021	<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
VMP-5	5 ft	VMP-4-23.5-072921	7/29/2021	<0.0051	U		<0.0049	U		<0.0027	U		<0.0045	U		<0.0045	U	
		VMP-4-23.5-102521	10/25/2021	<0.0049	U		<0.0047	U		<0.0026	U		<0.0043	U		<0.0043	U	
		VMP-5-5-012221	1/22/2021	<0.0062	U		0.0031	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-5-5-050621	5/6/2021	<0.0049	U		0.0051			<0.0025	U		<0.0043	U		<0.0043	U	
12.5 ft	VMP-5-5-072821	7/28/2021	<0.0057	U		0.0009	J		<0.003	U		<0.005	U		<0.005	U		
	VMP-5-5-102521	10/25/2021	<0.0052	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U		
	VMP-5-12.5-012221	1/22/2021	<0.0071	U		<0.0068	U		<0.0037	U		0.00062	J		<0.0063	U		
	VMP-5-12.5-050621	5/6/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U		
	VMP-5-12.5-050621-DUP	5/6/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U		
	VMP-5-12.5-072821	7/28/2021	<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U		
	VMP-5-12.5-072821-DUP	7/28/2021	<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U		
31 ft	VMP-5-12.5-102521	10/25/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U		
	VMP-5-12.5-102521-DUP	10/25/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U		
	VMP-5-31-012221	1/22/2021	<0.006	U		<0.0057	U		<0.0031	U		0.00054	J		<0.0053	U		
	VMP-5-31-050621	5/6/2021	0.0027	J		0.023			<0.0026	U		0.013			0.0037	J		
VMP-6	5 ft	VMP-5-31-072821	7/28/2021	<0.0058	U		0.014			<0.003	U		<0.0051	U		<0.0051	U	
		VMP-5-31-102521	10/25/2021	<0.0051	U		0.0013	J		<0.0027	U		<0.0045	U		<0.0045	U	
		VMP-6-5-012921	1/29/2021	<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-6-5-050621	5/6/2021	<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
	10 ft	VMP-6-5-072921	7/29/2021	<0.0055	U		0.016			<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-6-5-102521	10/25/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-6-10-050621	5/6/2021	0.002	J		0.0091			<0.0027	U		0.0034	J		0.0024	J	
	31.5 ft	VMP-6-10-072921	7/29/2021	<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-6-10-102521	10/25/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-6-31.5-012921	1/29/2021	<0.0062	U		0.0023	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-6-31.5-012921-DUP	1/29/2021	<0.0068	U		0.0025	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-6-31.5-050621	5/6/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-6-31.5-072921	7/29/2021	<0.0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
39 ft	VMP-6-31.5-072921-DUP	7/29/2021	<0.0052	U		<0.005	U		0.0012	J		<0.0046	U		<0.0046	U		
	VMP-6-31.5-102521	10/25/2021	<0.0047	U		<0.0044	U		<0.0024	U		<0.0041	U		<0.0041	U		
		VMP-6-39-102521	10/25/2021	<0.0049	U		0.0011	J		<0.0025	U		<0.0043	U		<0.0043	U	

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

Location	Depth	Sample ID	Sample Date	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	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
VMP-7	5 ft	VMP-7-5-012621	1/26/2021	<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-7-5-050521	5/5/2021	<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-7-5-072621	7/26/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-7-5-102721	10/27/2021	<0.005	U		<0.0047	U		<0.0026	U		0.0014	J		<0.0044	U	
	13.5 ft	VMP-7-13.5-012621	1/26/2021	<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-7-13.5-050521	5/5/2021	<0.0053	U		0.0022	J		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-7-13.5-072621	7/26/2021	<0.0062	U		0.027			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-7-13.5-102721	10/27/2021	<0.0049	U		<0.0047	U		<0.0026	U		<0.0043	U		<0.0043	U	
	29.5 ft	VMP-7-29.5-012621	1/26/2021	<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-7-29.5-050521	5/5/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-7-29.5-072621	7/26/2021	<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-7-29.5-102721	10/27/2021	<0.0048	U		<0.0045	U		<0.0025	U		<0.0042	U		<0.0042	U	
VMP-7-29.5-102721-DUP	10/27/2021	<0.0049	U		<0.0046	U		<0.0025	U		<0.0043	U		<0.0043	U			
VMP-8	5 ft	VMP-8-5-012121	1/21/2021	<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-8-5-050421	5/4/2021	<0.0045	U		<0.0043	U		<0.0023	U		<0.004	U		<0.004	U	
		VMP-8-5-072221	7/22/2021	<0.0056	U		0.037			<0.0029	U		<0.005	U		<0.005	U	
		VMP-8-5-102921	10/29/2021	<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
	9.5 ft	VMP-8-9.5-012121	1/21/2021	<0.0061	U		0.001	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-8-9.5-050421	5/4/2021	<0.0049	U		<0.0046	U		<0.0025	U		<0.0043	U		<0.0043	U	
		VMP-8-9.5-072221	7/22/2021	<0.0054	U		0.00061	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-8-9.5-102921	10/29/2021	<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
	23.5 ft	VMP-8-23.5-012121	1/21/2021	<0.0066	U		<0.0062	U		<0.0034	U		0.0005	J		<0.0058	U	
		VMP-8-23.5-050421	5/4/2021	<0.0046	U		<0.0044	U		<0.0024	U		<0.0041	U		<0.0041	U	
		VMP-8-23.5-072221	7/22/2021	<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-8-23.5-072221-DUP	7/22/2021	<0.0056	U		<0.0054	U		<0.0029	U		<0.005	U		<0.005	U	
35.5 ft	VMP-8-35.5-012121	1/21/2021	<0.0062	U		0.00081	J		<0.0032	U		<0.0055	U		<0.0055	U		
	VMP-8-35.5-050421	5/4/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U		
	VMP-8-35.5-072221	7/22/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U		
	VMP-8-35.5-102921	10/29/2021	<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U		
VMP-9	5 ft	VMP-9-5-012121	1/21/2021	<0.0061	U		0.24			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-9-5-050421	5/4/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-9-5-072221	7/22/2021	<0.0053	U		0.00069	J		<0.0027	U		0.005			0.0025	J	
		VMP-9-5-072221-DUP	7/22/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
	VMP-9-5-102221	10/22/2021	<0.0053	U		<0.0051	U		<0.0028	U		0.0069			0.0018	J		
	11.5 ft	VMP-9-11.5-012121	1/21/2021	<0.0064	U		0.074			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-9-11.5-050421	5/4/2021	<0.0053	U		0.00043	J		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-9-11.5-072221	7/22/2021	<0.0052	U		0.0012	J		<0.0027	U		0.00094	J		<0.0046	U	
		VMP-9-11.5-102221	10/22/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
	25.5 ft	VMP-9-25.5-012121	1/21/2021	<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-9-25.5-050421	5/4/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-9-25.5-072221	7/22/2021	<0.0055	U		0.012			<0.0029	U		0.0038	J		0.0013	J	
VMP-9-25.5-102221		10/22/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U		
38.5 ft	VMP-9-38.5-012121	1/21/2021	<0.0064	U		<0.0061	U		<0.0033	U		0.009	J		0.0033	J		
	VMP-9-38.5-012121-DUP	1/21/2021	<0.0064	U		0.0037	J		<0.0033	U		0.042	J		0.012	J		
	VMP-9-38.5-072221	7/22/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U		
	VMP-9-38.5-102221	10/22/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U		
VMP-18	8.5 ft	VMP-18-8.5-012621	1/26/2021	<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-18-8.5-072221	7/22/2021	<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-18-8.5-110221	11/2/2021	<0.0049	U		<0.0046	U		<0.0025	U		<0.0043	U		<0.0043	U	
VMP-19	5 ft	VMP-19-5-012621	1/26/2021	<0.0061	U		0.0012	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-19-5-051121	5/11/2021	<0.0048	U		<0.0046	U		<0.0025	U		<0.0042	U		<0.0042	U	
		VMP-19-5-072621	7/26/2021	<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-19-5-102621	10/26/2021	<0.0056	U	UJ	0.0019	J		<0.0029	U		0.0014	J	J	<0.005	U	
		VMP-19-5-102621-DUP	10/26/2021	0.014		J	<0.0051	U		<0.0028	U		0.02	J	J	0.0018	J	

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

Location	Depth	Sample ID	Sample Date	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	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
VMP-20	5 ft	VMP-20-5-012521	1/25/2021	<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-20-5-050721	5/7/2021	<0.0049	U		<0.0046	U		<0.0025	U		<0.0043	U		<0.0043	U	
		VMP-20-5-072721	7/27/2021	<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-20-5-110121	11/1/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
	10 ft	VMP-20-10-012521	1/25/2021	<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-20-10-050721	5/7/2021	<0.0047	U		<0.0044	U		<0.0024	U		<0.0041	U		<0.0041	U	
		VMP-20-10-072721	7/27/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-20-10-072721-DUP	7/27/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
	25 ft	VMP-20-10-110121	11/1/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-20-25-012521	1/25/2021	<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-20-25-050721	5/7/2021	<0.0048	U		<0.0045	U		<0.0025	U		<0.0042	U		<0.0042	U	
		VMP-20-25-050721-DUP	5/7/2021	<0.0047	U		<0.0044	U		<0.0024	U		<0.0041	U		<0.0041	U	
VMP-21	5 ft	VMP-20-25-072721	7/27/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0047	U		<0.0047	U	
		VMP-20-25-110121	11/1/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-21-5-012521	1/25/2021	<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-21-5-050321	5/3/2021	<0.0054	U		<0.0051	U		<0.0028	U		<0.0047	U		<0.0047	U	
	10 ft	VMP-21-5-072921	7/29/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-21-5-102521	10/25/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-21-10-012521	1/25/2021	<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-21-10-012521-DUP	1/25/2021	<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	25 ft	VMP-21-10-050321	5/3/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0047	U		<0.0047	U	
		VMP-21-10-060321-R	6/3/2021	<0.0055	U		0.046			<0.0029	U		0.0052			0.0018	J	
		VMP-21-10-072921	7/29/2021	<0.005	U		<0.0048	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-21-10-102521	10/25/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
33 ft	VMP-21-25-012521	1/25/2021	<0.0062	U		0.0024	J		<0.0032	U		<0.0055	U		<0.0055	U		
	VMP-21-25-050321	5/3/2021	<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U		
	VMP-21-25-050321-DUP	5/3/2021	<0.0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U		
	VMP-21-25-072921	7/29/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0047	U		<0.0047	U		
33 ft	VMP-21-25-102521	10/25/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U		
	VMP-21-33-012521	1/25/2021	<0.0059	U		0.0038	J		<0.0031	U		<0.0052	U		<0.0052	U		
	VMP-21-33-050321	5/3/2021	<0.0056	U		<0.0054	U		<0.0029	U		<0.005	U		<0.005	U		
	VMP-21-33-072921	7/29/2021	0.0037	J		<0.005	U		<0.0027	U		0.0064			0.0056			
VMP-22	5 ft	VMP-21-33-102521	10/25/2021	<0.0048	U		<0.0045	U		<0.0025	U		<0.0042	U		<0.0042	U	
		VMP-21-33-102521-DUP	10/25/2021	<0.0046	U		<0.0044	U		<0.0024	U		<0.0041	U		<0.0041	U	
		VMP-22-5-012621	1/26/2021	<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-22-5-050321	5/3/2021	<0.0057	U		0.0029	J		<0.003	U		<0.005	U		<0.005	U	
	10 ft	VMP-22-5-072321	7/23/2021	<0.0051	U		<0.0049	U		<0.0027	U		<0.0045	U		<0.0045	U	
		VMP-22-5-072321-DUP	7/23/2021	<0.0051	U		<0.0049	U		<0.0027	U		<0.0045	U		<0.0045	U	
		VMP-22-5-110121	11/1/2021	<0.005	U		0.004	J		<0.0026	U		0.0022	J		<0.0044	U	
		VMP-22-10-012621	1/26/2021	<0.0063	U		0.00094	J		<0.0033	U		<0.0056	J	U	<0.0056	U	
	18 ft	VMP-22-10-050321	5/3/2021	<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-22-10-072321	7/23/2021	<0.0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-22-10-110121	11/1/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-22-18-012621	1/26/2021	<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	J	U	<0.0057	U	
38 ft	VMP-22-18-050321	5/3/2021	<0.0055	U		0.0016	J		<0.0028	U		<0.0048	U		<0.0048	U		
	VMP-22-38-012621	1/26/2021	<0.0069	U		<0.0065	U		<0.0036	U		<0.0061	U		<0.0061	U		
	VMP-22-38-050321	5/3/2021	<0.054	U		<0.052	U		<0.028	U		<0.048	U		<0.048	U		
	VMP-22-38-060321-R	6/3/2021	<0.0058	U		0.005	J		<0.003	U		<0.0051	U		<0.0051	U		
VMP-22-38-110121	11/1/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U			

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

Location	Depth	Sample ID	Sample Date	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	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
VMP-23	5 ft	VMP-23-5-012121	1/21/2021	<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-23-5-050721	5/7/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-23-5-072821	7/28/2021	<0.0052	J	U	<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-23-5-102521	10/25/2021	0.0032	J		0.021			<0.0026	U		0.011			0.0054		
	10 ft	VMP-23-10-012121	1/21/2021	<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-23-10-072821	7/28/2021	<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-23-10-072821-DUP	7/28/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
	25 ft	VMP-23-10-102521	10/25/2021	<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-23-25-012121	1/21/2021	<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-23-25-050721	5/7/2021	<0.0048	U		0.0018	J		<0.0025	U		<0.0042	U		<0.0042	U	
VMP-23-25-072821		7/28/2021	<0.0057	U		0.0049	J		<0.003	U		<0.005	U		<0.005	U		
VMP-23-25-102521	10/25/2021	<0.005	U		<0.0048	U		<0.0026	U		<0.0044	U		<0.0044	U			
VMP-24	5 ft	VMP-24-5-012121	1/21/2021	<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-24-5-051121	5/11/2021	<0.0047	U		<0.0045	U		<0.0024	U		<0.0042	U		<0.0042	U	
		VMP-24-5-072221	7/22/2021	<0.0063	U		0.00088	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-24-5-102221	10/22/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
	10 ft	VMP-24-10-022521	2/25/2021	<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-24-10-051121	5/11/2021	<0.0044	U		<0.0042	U		<0.0023	U		<0.0039	U		<0.0039	U	
		VMP-24-10-051121-DUP	5/11/2021	<0.0044	U		<0.0042	U		<0.0023	U		<0.0039	U		<0.0039	U	
		VMP-24-10-072221	7/22/2021	<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-24-10-102221	10/22/2021	<0.0048	U		<0.0045	U		<0.0025	U		<0.0042	U		<0.0042	U	
	22 ft	VMP-24-10-102221-DUP	10/22/2021	<0.0049	U		<0.0046	U		<0.0025	U		<0.0043	U		<0.0043	U	
		VMP-24-22-012121	1/21/2021	<0.0059	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-24-22-051121	5/11/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-24-22-072221	7/22/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
	34 ft	VMP-24-22-102221	10/22/2021	0.0035	J		0.03			<0.0027	U		0.013			0.006		
		VMP-24-34-012121	1/21/2021	<0.0066	U		0.001	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-24-34-051121	5/11/2021	<0.0049	U		<0.0046	U		<0.0025	U		<0.0043	U		<0.0043	U	
VMP-24-34-072221		7/22/2021	<0.0049	U		0.0033	J		<0.0025	U		<0.0043	U		<0.0043	U		
VMP-24-34-102221	10/22/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U			
VMP-32	5 ft	VMP-32-5-012621	1/26/2021	<0.0062	U		0.0053	J		<0.0032	U		<0.0055	J	U	<0.0055	U	
		VMP-32-5-051221	5/12/2021	<0.0049	U		<0.0046	U		<0.0025	U		<0.0043	U		<0.0043	U	
		VMP-32-5-072321	7/23/2021	<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-32-5-072321-DUP	7/23/2021	<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
	VMP-32-5-110121	11/1/2021	<0.0049	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U		
	10 ft	VMP-32-10-012621	1/26/2021	<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-32-10-051221	5/12/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-32-10-051221-DUP	5/12/2021	<0.005	U		0.00075	J		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-32-10-072321	7/23/2021	<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
	VMP-32-10-110121	11/1/2021	<0.0048	U		<0.0045	U		<0.0025	U		<0.0042	U		<0.0042	U		
	20 ft	VMP-32-20-012621	1/26/2021	<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-32-20-012621-DUP	1/26/2021	<0.0064	U		<0.006	U		<0.0033	U		<0.0056	J	U	<0.0056	U	
		VMP-32-20-072321	7/23/2021	<0.0056	U		0.0057			<0.0029	U		<0.005	U		<0.005	U	
30 ft	VMP-32-20-110121	11/1/2021	<0.005	U		<0.0048	U		<0.0026	U		<0.0044	U		<0.0044	U		
	VMP-32-30-012621	1/26/2021	<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U		
	VMP-32-30-072321	7/23/2021	<0.0055	U		0.034			<0.0029	U		0.002	J		<0.0049	U		
	VMP-32-30-110121	11/1/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U		

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

Location	Depth	Sample ID	Sample Date	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	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
VMP-42	10 ft	VMP-42-10-012921	1/29/2021	<0.0063	U		0.11			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-42-10-050521	5/5/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-42-10-072621	7/26/2021	<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-42-10-102621	10/26/2021	<0.0062	U		<0.0059	U		<0.0032	U		<0.0054	U		<0.0054	U	
	20 ft	VMP-42-20-012921	1/29/2021	<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-42-20-050521	5/5/2021	<0.0056	U		0.004	J		<0.0029	U		<0.005	U		<0.005	U	
		VMP-42-20-072621	7/26/2021	<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
	30 ft	VMP-42-30-012921	1/29/2021	<0.0062	U		0.002	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-42-30-050521	5/5/2021	<0.0056	U		0.0051	J		<0.0029	U		<0.005	U		<0.005	U	
		VMP-42-30-072621	7/26/2021	<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
VMP-42-30-102621		10/26/2021	<0.0048	U		<0.0046	U		<0.0025	U		<0.0042	U		<0.0042	U		
		VMP-42-30-102621-DUP	10/26/2021	<0.0046	U		<0.0044	U		<0.0024	U		<0.0041	U		<0.0041	U	
VMP-43	10 ft	VMP-43-10-012621	1/26/2021	<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-43-10-050521	5/5/2021	<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-43-10-072621	7/26/2021	<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-43-10-072621-DUP	7/26/2021	<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-43-10-102621	10/26/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
	20 ft	VMP-43-20-012621	1/26/2021	<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-43-20-050521	5/5/2021	<0.005	U		<0.0048	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-43-20-072621	7/26/2021	0.00093	J		0.027			<0.003	U		0.0072			0.0041	J	
		VMP-43-20-102621	10/26/2021	<0.0049	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
	30 ft	VMP-43-30-022521	2/25/2021	<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-43-30-050521	5/5/2021	<0.0054	U		0.035			<0.0028	U		0.00072	J		<0.0048	U	
		VMP-43-30-072621	7/26/2021	<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-43-30-102621	10/26/2021	<0.005	U		<0.0048	U		<0.0026	U		<0.0044	U		<0.0044	U	
VMP-45	10 ft	VMP-45-10-012621	1/26/2021	<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-45-10-060321	6/3/2021	<0.0054	U		0.0034	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-45-10-072621	7/26/2021	<0.0053	U		<0.0051	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-45-10-102721	10/27/2021	<0.0049	U		<0.0047	U		<0.0026	U		<0.0043	U		<0.0043	U	
	20 ft	VMP-45-20-012621	1/26/2021	<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-45-20-050521	5/5/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-45-20-072621	7/26/2021	<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	30 ft	VMP-45-20-102721	10/27/2021	<0.0047	U		<0.0044	U		<0.0024	U		<0.0041	U		<0.0041	U	
		VMP-45-30-012621	1/26/2021	<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-45-30-050521	5/5/2021	<0.0048	U		<0.0046	U		<0.0025	U		0.00052	J		<0.0043	U	
		VMP-45-30-050521-DUP	5/5/2021	<0.0049	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-45-30-072621	7/26/2021	<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-45-30-102721	10/27/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-45-30-102721-DUP	10/27/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	

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

Location	Depth	Sample ID	Sample Date	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	0.29			130			120		
										Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-012221	1/22/2021	<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-47-5-050621	5/6/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-47-5-072321	7/23/2021	<0.0053	U		0.0028	J		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-47-5-110121	11/1/2021	<0.0047	U		<0.0045	U		<0.0024	U		<0.0041	U		<0.0041	U	
	10 ft	VMP-47-10-012221	1/22/2021	<0.006	U		<0.0057	U		<0.0031	U		0.0028	J		0.00085	J	
		VMP-47-10-050621	5/6/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-47-10-072321	7/23/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-47-10-110121	11/1/2021	<0.0045	U		<0.0043	U		<0.0024	U		<0.004	U		<0.004	U	
	20 ft	VMP-47-20-012221	1/22/2021	<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-47-20-012221-DUP	1/22/2021	<0.0059	U		<0.0056	U		<0.0031	U		0.00053	J		<0.0052	U	
		VMP-47-20-050621	5/6/2021	<0.0049	U		0.00067	J		<0.0025	U		<0.0043	U		<0.0043	U	
		VMP-47-20-072321	7/23/2021	<0.0052	U		0.0015	J		<0.0027	U		<0.0046	U		<0.0046	U	
	30 ft	VMP-47-30-012221	1/22/2021	<0.0063	U		<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-47-30-050621	5/6/2021	<0.005	U		0.00082	J		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-47-30-050621-DUP	5/6/2021	<0.005	U		0.00075	J		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-47-30-072321	7/23/2021	<0.005	U		0.0007	J		<0.0026	U		<0.0044	U		<0.0044	U	
VMP-47-30-110121	11/1/2021	<0.0049	U		<0.0046	U		<0.0025	U		<0.0043	U		<0.0043	U			
VMP-48	5 ft	VMP-48-5-012521	1/25/2021	<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-48-5-050721	5/7/2021	<0.0052	U		<0.0049	U		<0.0027	U		0.00095	J		<0.0046	U	
		VMP-48-5-073021	7/30/2021	<0.0051	U		0.003	J		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-48-5-110121	11/1/2021	<0.0052	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
	10 ft	VMP-48-10-012521	1/25/2021	<0.0059	U		0.00099	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-48-10-050721	5/7/2021	<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-48-10-073021	7/30/2021	<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-48-10-110121	11/1/2021	<0.005	U		0.77			<0.0026	U		<0.0044	U		<0.0044	U	
	20 ft	VMP-48-20-012521	1/25/2021	<0.0061	U		0.0011	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-48-20-012521-DUP	1/25/2021	<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-48-20-110121	11/1/2021	<0.0049	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
	30 ft	VMP-48-30-012521	1/25/2021	<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-48-30-050721	5/7/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-48-30-073021	7/30/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0047	U		<0.0047	U	
		VMP-48-30-073021-DUP	7/30/2021	<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
	VMP-48-30-110121	11/1/2021	<0.005	U		<0.0048	U		<0.0026	U		<0.0044	U		<0.0044	U		
VMP-49	5 ft	VMP-49-5-012521	1/25/2021	<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-49-5-050321	5/3/2021	<0.0057	U		0.001	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-49-5-072921	7/29/2021	<0.0053	U		<0.0051	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-49-5-102721	10/27/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
	10 ft	VMP-49-10-012521	1/25/2021	<0.0055	U		0.0017	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-49-10-050321	5/3/2021	<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-49-10-072921	7/29/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-49-10-102721	10/27/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
	20 ft	VMP-49-20-012521	1/25/2021	<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-49-20-050321	5/3/2021	<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-49-20-060321-R	6/3/2021	<0.0052	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-49-20-072921	7/29/2021	<0.0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
	30 ft	VMP-49-20-102721	10/27/2021	<0.0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-49-30-012521	1/25/2021	<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-49-30-050321	5/3/2021	<0.0053	U		0.0084			<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-49-30-072921	7/29/2021	<0.0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
VMP-49-30-102721	10/27/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0047	U		<0.0047	U			

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

Location	Depth	Sample ID	Sample Date	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes			
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	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	
VMP-50	5 ft	VMP-50-5-012621	1/26/2021	<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U		
		VMP-50-5-050721	5/7/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U		
		VMP-50-5-072321	7/23/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U		
		VMP-50-5-102521	10/25/2021	<0.005	U		<0.0048	U		<0.0026	U		<0.0044	U		<0.0044	U		
	10 ft	VMP-50-10-012621	1/26/2021	<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U		
		VMP-50-10-050721	5/7/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U		
		VMP-50-10-072321	7/23/2021	<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U		
		VMP-50-10-102521	10/25/2021	<0.0048	U		<0.0046	U		<0.0025	U		<0.0042	U		<0.0042	U		
	20 ft	VMP-50-20-022521	2/25/2021	<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U		
		VMP-50-20-022521-DUP	2/25/2021	<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U		
		VMP-50-20-050721	5/7/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U		
		VMP-50-20-050721-DUP	5/7/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U		
	30 ft	VMP-50-20-072321	7/23/2021	<0.0052	U		0.032			<0.0027	U		<0.0046	U		<0.0046	U		
		VMP-50-20-102521	10/25/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U		
		VMP-50-30-012621	1/26/2021	<0.12	U		3.6			<0.064	U		<0.11	U		<0.11	U		
		VMP-50-30-050721	5/7/2021	<0.099	U		2.5			<0.052	U		<0.087	U		<0.087	U		
30 ft	VMP-50-30-072321	7/23/2021	<0.055	U		0.63			<0.029	U		<0.049	U		<0.049	U			
	VMP-50-30-102521	10/25/2021	<0.095	U		0.47			<0.05	U		<0.084	U		<0.084	U			
	VMP-51	5 ft	VMP-51-5-012221	1/22/2021	<0.0062	U		<0.0059	U		<0.0032	U		0.0067	J		<0.0055	U	
			VMP-51-5-050421	5/4/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
VMP-51-5-072321			7/23/2021	<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U		
VMP-51-5-102521			10/25/2021	<0.0052	U		<0.0049	U		<0.0027	U		0.0018	J		<0.0046	U		
10 ft	VMP-51-10-012221	1/22/2021	<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U			
	VMP-51-10-050421	5/4/2021	<0.0054	U		0.0041	J		<0.0028	U		<0.0048	U		<0.0048	U			
	VMP-51-10-072321	7/23/2021	<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U			
	VMP-51-10-102521	10/25/2021	<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U			
20 ft	VMP-51-20-012221	1/22/2021	<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U			
	VMP-51-20-050421	5/4/2021	<0.0051	U		0.00095	J		<0.0026	U		0.0011	J		<0.0045	U			
	VMP-51-20-072321	7/23/2021	<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U			
	VMP-51-20-102521	10/25/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U			
30 ft	VMP-51-30-012221	1/22/2021	<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U			
	VMP-51-30-050421	5/4/2021	<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U			
	VMP-51-30-072321	7/23/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U			
	VMP-51-30-102521	10/25/2021	<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U			
VMP-52	5 ft	VMP-52-5-012221	1/22/2021	<0.006	U		0.0043	J		<0.0031	U		<0.0053	U		<0.0053	U		
		VMP-52-5-012221-DUP	1/22/2021	<0.0056	U		0.0033	J		<0.0029	U		0.00053	J		<0.0049	U		
		VMP-52-5-050421	5/4/2021	<0.0049	U		0.012			<0.0025	U		<0.0043	U		<0.0043	U		
		VMP-52-5-072221	7/22/2021	<0.0056	U		0.0016	J		<0.0029	U		<0.0049	U		<0.0049	U		
		VMP-52-5-110221	11/2/2021	<0.0048	U		<0.0046	U		<0.0025	U		<0.0042	U		<0.0042	U		
	10 ft	VMP-52-10-012221	1/22/2021	<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U		
		VMP-52-10-050421	5/4/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U		
		VMP-52-10-072221	7/22/2021	<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U		
		VMP-52-10-110221	11/2/2021	<0.0049	U		<0.0047	U		<0.0026	U		<0.0043	U		<0.0043	U		
	20 ft	VMP-52-20-012221	1/22/2021	<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U		
		VMP-52-20-050421	5/4/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U		
		VMP-52-20-072221	7/22/2021	<0.0051	U		<0.0048	U		<0.0026	U		0.0018	J		0.00097	J		
		VMP-52-20-110221	11/2/2021	<0.0049	U		<0.0046	U		<0.0025	U		<0.0043	U		<0.0043	U		
	30 ft	VMP-52-20-110221-DUP	11/2/2021	<0.0046	U		<0.0044	U		<0.0024	U		<0.0041	U		<0.0041	U		
		VMP-52-30-012221	1/22/2021	<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U		
		VMP-52-30-050421	5/4/2021	<0.0049	U		<0.0046	U		<0.0025	U		<0.0043	U		<0.0043	U		
VMP-52-30-072221		7/22/2021	<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U			
VMP-52-30-110221	11/2/2021	<0.0049	U		<0.0046	U		<0.0025	U		<0.0043	U		<0.0043	U				

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

Location	Depth	Sample ID	Sample Date	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes			
				Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	0.29			130			120			
										Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	
VMP-53	5 ft	VMP-53-5-012121	1/21/2021	<0.0059	U		<0.0056	U		<0.0031	U		0.001	J		<0.0052	U		
		VMP-53-5-050421	5/4/2021	<0.005	U		0.0015	J		<0.0026	U		<0.0044	U		<0.0044	U		
		VMP-53-5-072221	7/22/2021	<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U		
		VMP-53-5-102221	10/22/2021	<0.0046	U		<0.0044	U		<0.0024	U		<0.0041	U		<0.0041	U		
	10 ft	VMP-53-10-012121	1/21/2021	<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U		
		VMP-53-10-050421	5/4/2021	<0.0047	U		<0.0044	U		<0.0024	U		<0.0041	U		<0.0041	U		
		VMP-53-10-050421-DUP	5/4/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U		
		VMP-53-10-060321-R	6/3/2021	<0.0055	U		0.00055	J		<0.0029	U		<0.0049	U		<0.0049	U		
	20 ft	VMP-53-10-072221	7/22/2021	<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U		
		VMP-53-10-102221	10/22/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U		
		VMP-53-20-012121	1/21/2021	0.011			0.004	J		<0.0032	U		0.2			0.072			
		VMP-53-20-050421	5/4/2021	<0.0054	U		0.0047	J		<0.0028	U		<0.0048	U		<0.0048	U		
	30 ft	VMP-53-20-072221	7/22/2021	<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U		
		VMP-53-20-102221	10/22/2021	<0.0048	U		0.0011	J		<0.0025	U		<0.0043	U		<0.0043	U		
		VMP-53-30-012121	1/21/2021	<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U		
		VMP-53-30-050421	5/4/2021	<0.0049	U		<0.0046	U		<0.0025	U		<0.0043	U		<0.0043	U		
VMP-54	5 ft	VMP-53-30-072221	7/22/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0047	U		<0.0047	U		
		VMP-53-30-102221	10/22/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U		
		VMP-53-30-102221-DUP	10/22/2021	<0.0046	U		<0.0044	U		<0.0024	U		<0.0041	U		<0.0041	U		
		VMP-54-5-012821	1/28/2021	<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U		
VMP-54	10 ft	VMP-54-5-050421	5/4/2021	<0.0048	U		<0.0045	U		<0.0025	U		<0.0042	U		<0.0042	U		
		VMP-54-5-072221	7/22/2021	0.00087	J		<0.0054	U		<0.003	U		0.0062			0.0024	J		
		VMP-54-5-102921	10/29/2021	<0.0047	U		<0.0044	U		<0.0024	U		<0.0041	U		<0.0041	U		
		VMP-54-10-012821	1/28/2021	<0.0056	U		<0.0054	U		<0.0029	U		<0.005	U		<0.005	U		
	20 ft	VMP-54-10-012821-DUP	1/28/2021	<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U		
		VMP-54-10-050421	5/4/2021	<0.0048	U		<0.0045	U		<0.0025	U		<0.0042	U		<0.0042	U		
		VMP-54-10-072221	7/22/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U		
		VMP-54-10-102921	10/29/2021	<0.0049	U		0.0015	J		<0.0025	U		<0.0043	U		<0.0043	U		
	30 ft	VMP-54-20-012821	1/28/2021	<0.0058	U		0.0039	J		<0.003	U		<0.0051	U		<0.0051	U		
		VMP-54-20-050421	5/4/2021	<0.0049	U		<0.0046	U		<0.0025	U		<0.0043	U		<0.0043	U		
		VMP-54-20-072221	7/22/2021	<0.0052	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U		
		VMP-54-20-102921	10/29/2021	<0.0052	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U		
VMP-56	10 ft	VMP-54-30-012821	1/28/2021	<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U		
		VMP-54-30-050421	5/4/2021	<0.0047	U		<0.0044	U		<0.0024	U		0.00064	J		<0.0041	U		
		VMP-54-30-050421-DUP	5/4/2021	<0.0046	U		<0.0044	U		<0.0024	U		<0.0041	U		<0.0041	U		
		VMP-54-30-072221	7/22/2021	<0.0058	U		0.0056			<0.003	U		0.0011	J		<0.0051	U		
VMP-56	25 ft	VMP-54-30-102921	10/29/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U		
		VMP-56-10-012121	1/21/2021	<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U		
		VMP-56-10-050521	5/5/2021	<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U		
		VMP-56-10-072621	7/26/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0047	U		<0.0047	U		
	VMP-56	25 ft	VMP-56-10-102221	10/22/2021	<0.0052	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
			VMP-56-25-012121	1/21/2021	<0.0062	U		0.016			<0.0032	U		<0.0055	U		<0.0055	U	
			VMP-56-25-012121-DUP	1/21/2021	<0.0061	U		0.014			<0.0032	U		<0.0054	J	U	<0.0054	U	
			VMP-56-25-050521	5/5/2021	<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
VMP-56	25 ft	VMP-56-25-050521-DUP	5/5/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U		
		VMP-56-25-072621	7/26/2021	<0.0055	U		0.002	J		<0.0029	U		<0.0049	U		<0.0049	U		
		VMP-56-25-102221	10/22/2021	<0.0055	U		<0.0052	U		<0.0029	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	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	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
VMP-62	5 ft	VMP-62-5-012221	1/22/2021	<0.0057	U		0.0028	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-62-5-050621	5/6/2021	<0.0049	U		0.003	J		<0.0025	U		<0.0043	U		<0.0043	U	
		VMP-62-5-072321	7/23/2021	<0.0049	U		<0.0046	U		<0.0025	U		<0.0043	U		<0.0043	U	
		VMP-62-5-110121	11/1/2021	<0.0046	U		<0.0044	U		<0.0024	U		<0.0041	U		<0.0041	U	
	10 ft	VMP-62-10-012221	1/22/2021	<0.0061	U		<0.0058	U		<0.0032	U		0.00074	J		<0.0054	U	
		VMP-62-10-050621	5/6/2021	<0.0049	U		<0.0046	U		<0.0025	U		<0.0043	U		<0.0043	U	
		VMP-62-10-072321	7/23/2021	<0.0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-62-10-110121	11/1/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
	20 ft	VMP-62-20-050621	5/6/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-62-20-072321	7/23/2021	<0.0053	U		0.0068			<0.0028	U		0.0066			0.002	J	
		VMP-62-20-110121	11/1/2021	<0.0048	U		<0.0046	U		<0.0025	U		<0.0042	U		<0.0042	U	
		VMP-62-30-012221	1/22/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
	30 ft	VMP-62-30-050621	5/6/2021	<0.0049	U		<0.0046	U		<0.0025	U		<0.0043	U		<0.0043	U	
		VMP-62-30-072321	7/23/2021	0.00087	J		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
VMP-62-30-110121		11/1/2021	<0.0048	U		<0.0046	U		<0.0025	U		<0.0042	U		<0.0042	U		
VMP-62-30-110121-DUP		11/1/2021	<0.0046	U		<0.0043	U		<0.0024	U		<0.004	U		<0.004	U		
VMP-63	5 ft	VMP-63-5-012921	1/29/2021	<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-63-5-050521	5/5/2021	<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-63-5-072621	7/26/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-63-5-102621	10/26/2021	<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	10 ft	VMP-63-10-012921	1/29/2021	<0.026	U		0.63			<0.013	U		<0.023	U		<0.023	U	
		VMP-63-10-050521	5/5/2021	<0.0052	U		0.0053			<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-63-10-072621	7/26/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-63-10-102621	10/26/2021	<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
	20 ft	VMP-63-20-012921	1/29/2021	<0.0064	U		0.15			<0.0033	U		0.0018	J		<0.0057	U	
		VMP-63-20-050521	5/5/2021	<0.0057	U		0.0039	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-63-20-072621	7/26/2021	<0.0053	U		<0.0051	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-63-20-102621	10/26/2021	<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
	30 ft	VMP-63-30-012921	1/29/2021	<0.0062	U		<0.0059	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-63-30-050521	5/5/2021	<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
VMP-63-30-072621		7/26/2021	<0.005	U		<0.0048	U		<0.0026	U		<0.0044	U		<0.0044	U		
VMP-63-30-072621-DUP		7/26/2021	<0.0051	U		<0.0049	U		<0.0027	U		<0.0045	U		<0.0045	U		
VMP-63-30-102621		10/26/2021	<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U		
VMP-63-30-102621-DUP		10/26/2021	<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	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	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
VMP-64	5 ft	VMP-64-5-012221	1/22/2021	<0.0061	U		<0.0058	U		<0.0032	U		0.00086	J		<0.0054	U	
		VMP-64-5-050621	5/6/2021	<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-64-5-073021	7/30/2021	<0.0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-64-5-110121	11/1/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
	10 ft	VMP-64-10-012221	1/22/2021	<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-64-10-050621	5/6/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-64-10-073021	7/30/2021	<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-64-10-110121	11/1/2021	<0.0049	U		<0.0046	U		<0.0025	U		<0.0043	U		<0.0043	U	
	20 ft	VMP-64-20-012221	1/22/2021	<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-64-20-050621	5/6/2021	<0.0058	U		0.0015	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-64-20-073021	7/30/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0047	U		<0.0047	U	
		VMP-64-20-110121	11/1/2021	<0.0049	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	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.

Bold results are detections above the RL, or estimated detections between the MDL and RL.

Yellow highlighted cells indicate readings that exceed residential screening criterion.

Blank cells in Result column indicate that analyte was not on target analyte list.

Lab Qualifiers

J = Estimated value; results between the MDL and RL

U = Compound analyzed for but not detected above the RL

CN = Indicates potential high bias due to use of Tedlar® bag for off-line dilution

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

J0 = Estimated value due to bias in the CCV

AECOM Qualifiers

J = Estimated detection

UJ = Estimated non-detect

U = Non-detect due to blank contamination

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			Carbon tetrachloride			Chlorobenzene			Chloroform		
				2.8			450000			52			42			1.5			420			0.92					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-012721	1/27/2021	<0.0039	U		<0 0081	U		<0 012	U		<0.047	U		<0.012	U		<0.0076	U		<0.0056	U		<0.0059	U	
		VMP-10-5-050721	5/7/2021	<0.0034	U		<0 0072	U		<0 011	U		<0.042	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U	
		VMP-10-5-072821	7/28/2021	<0.0033	U		<0 0069	U		<0 011	U		0.0029	J		<0.0098	U		<0.0065	U		<0.0047	U		<0.005	U	
		VMP-10-5-102921	10/29/2021	<0.0034	U		<0 0071	U		<0 011	U		<0.041	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U	
	10 ft	VMP-10-10-012721	1/27/2021	<0.0038	U		<0 008	U		<0 012	U		<0.046	U		<0.011	U		<0.0075	U		<0.0055	U		0.00052	J	
		VMP-10-10-050721	5/7/2021	<0.0034	U		<0 0072	U		<0 011	U		<0.042	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U	
		VMP-10-10-072821	7/28/2021	<0.0034	U		<0 0071	U		<0 011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		<0.0052	U	
		VMP-10-10-102921	10/29/2021	<0.0032	U		<0 0067	U		<0.01	U		<0.039	U		<0.0095	U		<0.0063	U		<0.0046	U		<0.0049	U	
	20 ft	VMP-10-20-012721	1/27/2021	<0.0039	U		<0 0081	U		<0 012	U		<0.047	U		<0.012	U		<0.0076	U		<0.0056	U		0.00046	J	
		VMP-10-20-050721	5/7/2021	<0.0036	U		<0 0077	U		<0 012	U		<0.044	U		<0.011	U		<0.0072	U		<0.0053	U		<0.0056	U	
		VMP-10-20-072821	7/28/2021	<0.0033	U		<0 007	U		<0 011	U		<0.04	U		<0.0099	U		<0.0065	U		<0.0048	U		<0.0051	U	
		VMP-10-20-102921	10/29/2021	<0.0033	U		<0 0069	U		<0.01	U		<0.04	U		<0.0097	U		<0.0064	U		<0.0047	U		<0.005	U	
		VMP-10-20-102921-DUP	10/29/2021	<0.0034	U		<0 007	U		<0 011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		<0.0051	U	
VMP-11	5 ft	VMP-11-5-012721	1/27/2021	<0.0038	U		<0 0081	U		<0 012	U		<0.047	U		0.0086	J		<0.0076	U		<0.0055	U		<0.0059	U	
		VMP-11-5-051021	5/10/2021	<0.0032	U		<0 0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		<0.0049	U	
		VMP-11-5-072921	7/29/2021	<0.0032	U		<0 0067	U		<0.01	U		<0.039	U		<0.0095	U		<0.0063	U		<0.0046	U		<0.0049	U	
		VMP-11-5-072921-DUP	7/29/2021	<0.0032	U		<0 0067	U		<0.01	U		<0.039	U		<0.0095	U		<0.0063	U		<0.0046	U		<0.0049	U	
		VMP-11-5-110121	11/1/2021	<0.0031	U		<0 0065	U		<0.01	U		<0.038	U		<0.0093	U		<0.0061	U		<0.0045	U		<0.0048	U	
	8 ft	VMP-11-8-012721	1/27/2021	<0.0037	U		<0 0077	U		<0 012	U		<0.045	U		0.0056	J		<0.0072	U		<0.0053	U		<0.0056	U	
		VMP-11-8-051021	5/10/2021	<0.0032	U		<0 0066	U		<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0046	U		<0.0048	U	
		VMP-11-8-072921	7/29/2021	0.00073	J		<0 0072	U		<0 011	U		<0.042	U		<0.01	U		<0.0068	U		<0.0049	U		<0.0052	U	
		VMP-11-8-110121	11/1/2021	<0.0033	U		<0 0069	U		<0 011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0048	U		<0.005	U	
	29 ft	VMP-11-29-012721	1/27/2021	<0.0037	U		<0 0078	U		<0 012	U		<0.045	U		<0.011	U		<0.0074	U		<0.0054	U		<0.0057	U	
		VMP-11-29-051021	5/10/2021	<0.0032	U		<0 0067	U		<0.01	U		<0.039	U		<0.0095	U		<0.0063	U		<0.0046	U		<0.0049	U	
		VMP-11-29-072921	7/29/2021	<0.0033	U		<0 0069	U		<0 011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0048	U		0.00058	J	
		VMP-11-29-110121	11/1/2021	<0.0033	U		<0 007	U		<0 011	U		<0.04	U		<0.0099	U		<0.0065	U		<0.0048	U		<0.0051	U	
	38 ft	VMP-11-29-110121-DUP	11/1/2021	<0.0032	U		<0 0066	U		<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0046	U		<0.0048	U	
		VMP-11-38-072921	7/29/2021	<0.0034	U		<0 0072	U		<0 011	U		<0.042	U		<0.01	U		<0.0068	U		<0.0049	U		<0.0052	U	
		VMP-11-38-110121	11/1/2021	<0.0032	U		<0 0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		<0.0049	U	
VMP-12	5 ft	VMP-12-5-012821	1/28/2021	0.00033	J		<0 0081	U		<0 012	U		<0.047	U		0.0056	J		<0.0076	U		<0.0056	U		<0.0059	U	
		VMP-12-5-012821-DUP	1/28/2021	0.00046	J		<0 0079	U		<0 012	U		<0.046	U		<0.011	U		<0.0074	U		<0.0054	U		<0.0057	U	
		VMP-12-5-051121	5/11/2021	0.00052	J		<0 0072	U		<0 011	U		<0.042	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U	
		VMP-12-5-072721	7/27/2021	<0.0032	U		<0 0068	U		<0.01	U		<0.04	U		<0.0097	U		<0.0064	U		<0.0047	U		0.00052	J	
		VMP-12-5-072721-DUP	7/27/2021	0.00065	J		<0 0072	U		<0 011	U		<0.042	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U	
		VMP-12-5-102621	10/26/2021	0.0024	J		<0 0073	U		<0 011	U		<0.042	U		<0.01	U		<0.0069	U		<0.005	U		<0.0053	U	
	11.5 ft	VMP-12-11.5-012821	1/28/2021	<0.0037	U		<0 0077	U		<0 012	U		<0.045	U		0.02	J		<0.0072	U		<0.0053	U		<0.0056	U	
		VMP-12-11.5-051121	5/11/2021	<0.0033	U		<0 007	U		<0 011	U		<0.04	U		<0.0099	U		<0.0066	U		<0.0048	U		<0.0051	U	
		VMP-12-11.5-072721	7/27/2021	0.00078	J		<0 007	U		<0 011	U		<0.04	U		<0.0099	U		<0.0066	U		<0.0048	U		<0.0051	U	
	25 ft	VMP-12-11.5-102621	10/26/2021	<0.0034	U		<0 0071	U		<0 011	U		<0.041	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U	
		VMP-12-25-012821	1/28/2021	<0.075	U		<0.16	U		<0.24	U		<0.91	U		<0.22	U		<0.15	U		0.0076	J		<0.11	U	
		VMP-12-25-051121	5/11/2021	0.53	J		<3.4	U		<5.3	U		<8	U		96	J		<3.2	U		<2.4	U		<2.5	U	
VMP-12-25-072721		7/27/2021	15	J		<1.8	U		<2.8	U		<4.2	U		520	J		<1.7	U		<1.2	U		<1.3	U		
		VMP-12-25-102621	10/26/2021	4.4	J		<3.6	U		<5.6	U		<8.5	U		650	J		<3.4	U		<2.5	U		<2.7	U	
39 ft	VMP-12-39-012821	1/28/2021	300	J		<41	U		<63	U		<95	U		1900	J		<38	U		<28	U		<30	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	Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			Carbon tetrachloride			Chlorobenzene			Chloroform		
				2.8			450000			52			42			1.5			420			0.92					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-012721	1/27/2021	<0.004	U		<0 0084	U		<0 013	U		<0.048	U		<0.012	U		<0.0079	U		<0.0058	U		<0.0061	U	
		VMP-13-5-051021	5/10/2021	<0.0032	U		<0 0067	U		<0.01	U		<0.039	U		<0.0095	U		<0.0063	U		<0.0046	U		<0.0049	U	
		VMP-13-5-073021	7/30/2021	<0.0034	U		<0 0071	U		<0 011	U		<0.041	U		<0.01	U		<0.0067	U		<0.0049	U		0.0046	J	
		VMP-13-5-102921	10/29/2021	<0.0033	U		<0 0069	U		<0 011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0047	U		<0.005	U	
	10.5 ft	VMP-13-10.5-012721	1/27/2021	<0.0034	U		<0 0072	U		<0 011	U		<0.042	U		<0.01	U		<0.0067	U		<0.0049	U		0.00052	J	
		VMP-13-10.5-051021	5/10/2021	0.00059	J		<0 0061	U		<0.0094	U		<0.035	U		<0.0086	U		<0.0057	U		<0.0042	U		0.00076	J	
		VMP-13-10.5-073021	7/30/2021	<0.0033	U		<0 0069	U		<0.01	U		<0.04	U		<0.0097	U		<0.0064	U		<0.0047	U		0.0015	J	
		VMP-13-10.5-102921	10/29/2021	<0.0032	U		<0 0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		<0.0049	U	
	21.5 ft	VMP-13-21.5-012721	1/27/2021	<0.0036	U		<0 0076	U		<0 012	U		<0.044	U		<0.011	U		<0.0071	U		<0.0052	U		0.001	J	
		VMP-13-21.5-051021	5/10/2021	<0.0031	U		<0 0065	U		<0.01	U		<0.038	U		<0.0093	U		<0.0061	U		<0.0045	U		<0.0048	U	
		VMP-13-21.5-073021	7/30/2021	<0.0032	U		<0 0067	U		<0.01	U		<0.039	U		<0.0096	U		<0.0063	U		<0.0046	U		0.0005	J	
		VMP-13-21.5-102921	10/29/2021	<0.0034	U		<0 0071	U		<0 011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		<0.0052	U	
	29.5 ft	VMP-13-29.5-012721	1/27/2021	<0.0038	U		<0 0081	U		<0 012	U		<0.047	U		<0.011	U		<0.0076	U		<0.0055	U		<0.0059	U	
		VMP-13-29.5-051021	5/10/2021	0.00081	J		<0 0066	U		<0.01	U		<0.038	U		<0.0094	U		<0.0062	U		<0.0046	U		<0.0048	U	
		VMP-13-29.5-073021	7/30/2021	<0.0034	U		<0 0071	U		<0 011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		0.0029	J	
		VMP-13-29.5-073021-DUP	7/30/2021	<0.0033	U		<0 0069	U		<0.01	U		<0.04	U		<0.0097	U		<0.0064	U		<0.0047	U		0.0029	J	
VMP-13-29.5-102921	10/29/2021	<0.0032	U		<0 0068	U		<0.01	U		<0.04	U		<0.0097	U		<0.0064	U		<0.0047	U		0.002	J			
VMP-14	5 ft	VMP-14-5-012721	1/27/2021	<0.0038	U		<0 008	U		<0 012	U		<0.047	U		<0.011	U		<0.0076	U		<0.0055	U		<0.0058	U	
		VMP-14-5-051021	5/10/2021	<0.0032	U		<0 0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0047	U		<0.005	U	
		VMP-14-5-073021	7/30/2021	<0.0032	U		<0 0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0047	U		<0.005	U	
		VMP-14-5-102921	10/29/2021	<0.0033	U		<0 0069	U		<0.01	U		<0.04	U		<0.0097	U		<0.0064	U		<0.0047	U		<0.005	U	
	11.5 ft	VMP-14-11.5-012721	1/27/2021	<0.0039	U		<0 0082	U		<0 013	U		<0.048	U		<0.012	U		<0.0077	U		<0.0056	U		<0.006	U	
		VMP-14-11.5-051021	5/10/2021	<0.0031	U		<0 0066	U		<0.01	U		<0.038	U		<0.0093	U		<0.0062	U		<0.0045	U		<0.0048	U	
		VMP-14-11.5-073021	7/30/2021	<0.0031	U		<0 0065	U		<0.01	U		<0.038	U		<0.0093	U		<0.0061	U		<0.0045	U		<0.0048	U	
		VMP-14-11.5-102921	10/29/2021	<0.0032	U		<0 0067	U		<0.01	U		<0.039	U		<0.0096	U		<0.0063	U		<0.0046	U		<0.0049	U	
	20 ft	VMP-14-20-012721	1/27/2021	0.00086	J		<0 0078	U		<0 012	U		<0.045	U		0.0038	J		<0.0073	U		<0.0053	U		<0.0057	U	
		VMP-14-20-051021	5/10/2021	0.00058	J		<0 0073	U		<0 011	U		<0.042	U		0.0099	J		<0.0069	U		<0.005	U		<0.0053	U	
		VMP-14-20-051021-DUP	5/10/2021	0.00045	J		<0 0069	U		<0 011	U		<0.04	U		0.0076	J		<0.0065	U		<0.0047	U		<0.005	U	
		VMP-14-20-073021	7/30/2021	<0.0033	U		<0 0069	U		<0 011	U		<0.04	U		0.012	J		<0.0065	U		<0.0047	U		<0.005	U	
29 ft	VMP-14-29-012721	1/27/2021	<0.004	U		<0 0084	U		<0 013	U		<0.049	U		0.015	J		<0.0079	U		<0.0058	U		<0.0061	U		
	VMP-14-29-102921	10/29/2021	<0.0034	U		<0 0072	U		<0 011	U		<0.042	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U		
	VMP-15-5-012821	1/28/2021	<0.0033	U		<0 0069	U		<0.01	U		<0.04	U		0.0052	J		<0.0064	U		<0.0047	U		<0.005	U		
	VMP-15-5-051121	5/11/2021	<0.0032	U		<0 0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		<0.0049	U		
VMP-15	5 ft	VMP-15-5-072821	7/28/2021	<0.0035	U		<0 0073	U		<0 011	U		<0.042	J	U	<0.01	U		<0.0069	U		<0.005	U		<0.0053	U	
		VMP-15-5-102721	10/27/2021	0.0014	J		<0 0069	U		<0 011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0047	U		<0.005	U	
		VMP-15-21.5-012821	1/28/2021	<0.0043	U		<0 0089	U		<0 014	U		<0.052	U		<0.013	U		<0.0084	U		<0.0061	U		<0.0065	U	
		VMP-15-21.5-051121	5/11/2021	<0.016	U		<0 034	U		<0 052	U		<0.2	U		0.033	J		<0.032	U		<0.023	U		<0.025	U	
	21.5 ft	VMP-15-21.5-072821	7/28/2021	0.002	J		<0 0071	U		<0 011	U		<0.041	U		0.026	J		<0.0067	U		<0.0049	U		<0.0052	U	
		VMP-15-21.5-102721	10/27/2021	<0.0058	U		<0 012	U		<0 019	U		<0.07	U		<0.017	U		<0.011	U		<0.0083	U		<0.0088	U	
		VMP-15-25.5-012821	1/28/2021	0.00055	J		<0 008	U		<0 012	U		<0.046	U		<0.011	U		<0.0075	U		<0.0055	U		<0.0058	U	
		VMP-15-25.5-051121	5/11/2021	<0.061	U		<0.13	U		<0.2	U		<0.74	U		0.18	J		<0.12	U		<0.087	U		<0.093	U	
25.5 ft	VMP-15-25.5-072821	7/28/2021	<0.036	U		<0 075	U		<0.12	U		<0.43	U		0.085	J		<0.07	U		<0.052	U		<0.055	U		
	VMP-15-25.5-102721	10/27/2021	<0.0034	U		<0 0071	U		<0 011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	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	Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			Carbon tetrachloride			Chlorobenzene			Chloroform		
				2.8			450000			52			42						1.5			420			0.92		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-012921	1/29/2021	<0.0041	U		<0 0086	U		<0 013	U		<0.05	U		<0.012	U		<0.0081	U		<0.0059	U		<0.0063	U	
		VMP-16-5-012921-DUP	1/29/2021	<0.0042	U		<0 0089	U		<0 014	U		<0.051	U		<0.012	U		<0.0083	U		<0.0061	U		<0.0065	U	
		VMP-16-5-051121	5/11/2021	<0.0033	U		<0 0069	U		<0 011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0047	U		<0.005	U	
		VMP-16-5-051121-DUP	5/11/2021	<0.0034	U		<0 007	U		<0 011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		<0.0051	U	
		VMP-16-5-072721	7/27/2021	<0.0035	U		<0 0073	U		<0 011	U		<0.042	U		<0.01	U		<0.0069	U		<0.005	U		0.0006	J	
		VMP-16-5-072721-DUP	7/27/2021	<0.0034	U		<0 0072	U		<0 011	U		<0.042	U		<0.01	U		<0.0068	U		<0.005	U		<0.0053	U	
		VMP-16-5-102621	10/26/2021	0.0019	J		<0 0074	U		<0 011	U		<0.043	U		<0.01	U		<0.007	U		<0.0051	U		<0.0054	U	
	VMP-16-5-102621-DUP	10/26/2021	<0.0033	U		<0 007	U		<0 011	U		<0.04	U		<0.0099	U		<0.0065	U		<0.0048	U		<0.0051	U		
	13.5 ft	VMP-16-13.5-012921	1/29/2021	<2.4	U		<5.1	U		<7.8	U		<29	U		98			<4.8	U		<3.5	U		<3.7	U	
		VMP-16-13.5-051121	5/11/2021	0.46			<0.48	U		<0.74	U		<1.1	U		4.2			<0.45	U		<0.33	U		<0.35	U	
		VMP-16-13.5-072721	7/27/2021	1.4		J	<0 071	U		<0.11	U		<0.16	U		50		J	<0.067	U		<0.049	U		<0.052	U	
		VMP-16-13.5-102621	10/26/2021	2			<1.7	U		<2.7	U		<4	U		42			<1.6	U		<1.2	U		<1.3	U	
	19 ft	VMP-16-19-012921	1/29/2021	<4	U		<8.4	U		<13	U		<48	U		130			<7.8	U		<5.7	U		<6.1	U	
		VMP-16-19-051121	5/11/2021	10			<3.6	U		<5.6	U		<8.5	U		130			<3.4	U		<2.5	U		<2.7	U	
VMP-16-19-072721		7/27/2021	44			<3 5	U		<5.4	U		<8.2	U		200			<3.3	U		<2.4	U		<2.6	U		
31 ft	VMP-16-19-102621	10/26/2021	73			<3.4	U		<5.2	U		<7.8	U		320			<3.2	U		<2.3	U		<2.5	U		
	VMP-16-31-012921	1/29/2021	16			<12	U		<19	U		<71	U		200			<12	U		<8.4	U		<9	U		
	VMP-16-31-051121	5/11/2021	910			<3 5	U		<5.4	U		<8.1	U		550			<3.3	U		<2.4	U		<2.5	U		
	VMP-16-31-072721	7/27/2021	450			<7.1	U		<11	U		<16	U		250			<6.7	U		<4.9	U		<5.2	U		
VMP-16-31-102621	10/26/2021	430			<8.1	U		<12	U		<19	U		260			<7.6	U		<5.6	U		<5.9	U			
VMP-17	5 ft	VMP-17-5-012821	1/28/2021	<0.0034	U		<0 0072	U		<0 011	U		<0.042	U		<0.01	U		<0.0068	U		<0.005	U		<0.0053	U	
		VMP-17-5-050621	5/6/2021	<0.0032	U		<0 0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		0.0014	J	
		VMP-17-5-072721	7/27/2021	<0.0034	U		<0 0072	U		<0 011	U		<0.042	U		<0.01	U		<0.0068	U		<0.005	U		<0.0053	U	
		VMP-17-5-102721	10/27/2021	<0.0032	U		<0 0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		<0.0049	U	
VMP-25	5 ft	VMP-25-5-012621	1/26/2021	<0.0038	U		<0 008	U		<0 012	U		<0.046	U		<0.011	U		<0.0075	U		<0.0055	U		<0.0058	U	
		VMP-25-5-012621-DUP	1/26/2021	<0.0039	U		<0 0083	U		<0 013	U		<0.048	U		<0.012	U		<0.0078	U		<0.0057	U		<0.006	U	
		VMP-25-5-102721	10/27/2021	0.0014	J		<0 007	U		<0 011	U		<0.04	U		<0.0099	U		<0.0065	U		<0.0048	U		<0.0051	U	
VMP-25-5-102721-DUP	10/27/2021	<0.0033	U		<0 0069	U		<0 011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0048	U		<0.005	U			
VMP-29	10 ft	VMP-29-10-012721	1/27/2021	0.00055	J		<0 0081	U		<0 012	U		<0.047	U		0.0089	J		<0.0076	U		<0.0056	U		<0.0059	U	
		VMP-29-10-051021	5/10/2021	0.01			<0 0063	U		<0.0098	U		<0.037	U		<0.009	U		<0.0059	U		<0.0044	U		<0.0046	U	
		VMP-29-10-072821	7/28/2021	<0.0032	U		<0 0068	U		<0.01	U		0.002	J		<0.0096	U		<0.0064	U		<0.0046	U		<0.0049	U	
	18 ft	VMP-29-10-102921	10/29/2021	<0.0033	U		<0 0069	U		<0 011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0048	U		<0.005	U	
		VMP-29-18-012721	1/27/2021	0.00086	J		<0 008	U		<0 012	U		<0.047	U		0.0088	J		<0.0076	U		<0.0055	U		<0.0058	U	
		VMP-29-18-051021	5/10/2021	0.0043			<0 009	U		<0 014	U		<0.052	U		<0.013	U		<0.0084	U		<0.0062	U		<0.0065	U	
		VMP-29-18-072821	7/28/2021	0.051			<0 052	U		<0 081	U		<0.3	U		<0.074	U		<0.049	U		<0.036	U		<0.038	U	
	26 ft	VMP-29-18-102921	10/29/2021	0.0022	J		<0 0075	U		<0 012	U		<0.044	U		<0.011	U		<0.0071	U		<0.0052	U		<0.0055	U	
		VMP-29-26-012721	1/27/2021	0.00028	J		<0 0069	U		<0 011	U		<0.04	U		<0.0098	U		<0.0065	U		<0.0047	U		0.0035	J	
		VMP-29-26-051021	5/10/2021	0.00088	J		<0 0065	U		<0.01	U		<0.038	U		<0.0093	U		<0.0061	U		<0.0045	U		0.0025	J	
VMP-30	10 ft	VMP-29-26-051021-DUP	5/10/2021	0.0012	J		<0 0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0046	U		0.0023	J	
		VMP-29-26-072821	7/28/2021	0.0094			<0 0071	U		<0 011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		0.0022	J	
		VMP-29-26-102921	10/29/2021	0.0011	J		<0 0068	U		<0.01	U		<0.039	U		<0.0096	U		<0.0064	U		<0.0047	U		<0.005	U	
		VMP-30-10-012721	1/27/2021	0.00046	J		<0 0071	U		<0 011	U		<0.041	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U	
VMP-30	18 ft	VMP-30-10-012721-DUP	1/27/2021	<0.0035	U		<0 0074	U		<0 011	U		<0.043	U		<0.01	U		<0.0069	U		<0.0051	U		<0.0054	U	
		VMP-30-10-051021	5/10/2021	0.002	J		<0 0067	U		<0.01	U		<0.039	U		<0.0096	U		<0.0063	U		<0.0046	U		0.00077	J	
		VMP-30-10-072821	7/28/2021	0.0026	J		<0 0072	U		<0 011	U		<0.042	U		0.012			<0.0068	U		<0.005	U		<0.0053	U	
		VMP-30-10-102921	10/29/2021	<0.0032	U		<0 0067	U		<0.01	U		<0.039	U		<0.0095	U		<0.0063	U		<0.0046	U		0.0028	J	
		VMP-30-18-012721	1/27/2021	0.0012	J		<0 0079	U		<0 012	U		<0.046	U		0.007	J		<0.0074	U		<0.0054	U		<0.0058	U	
	26 ft	VMP-30-18-051021	5/10/2021	<																							

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			Carbon tetrachloride			Chlorobenzene			Chloroform		
				2.8			450000			52			42			1.5			420			0.92					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-012721	1/27/2021	<0.0037	U		<0 0077	U		<0 012	U		<0.045	U		<0.011	U		<0.0072	U		<0.0053	U		<0.0056	U	
		VMP-41-10-050621	5/6/2021	<0.0034	U		<0 007	U		<0 011	U		<0.041	U		<0.01	U		<0.0066	U		0.00046	J		<0.0051	U	
		VMP-41-10-072821	7/28/2021	<0.0034	U		<0 0071	U		<0 011	U		<0.041	U		<0.01	U		<0.0067	U		<0.0049	U		<0.0052	U	
		VMP-41-10-072821-DUP	7/28/2021	<0.0033	U		<0 007	U		<0 011	U		<0.04	U		<0.0099	U		<0.0066	U		<0.0048	U		<0.0051	U	
		VMP-41-10-102921	10/29/2021	<0.0038	U		<0 0079	U		<0 012	U		<0.046	U		<0.011	U		<0.0074	U		<0.0054	U		<0.0057	U	
	20 ft	VMP-41-20-012721	1/27/2021	0.00047	J		<0 0081	U		<0 012	U		<0.047	U		0.011	J		<0.0076	U		<0.0055	U		<0.0059	U	
		VMP-41-20-050621	5/6/2021	<0.003	U		<0 0064	U		<0.0098	U		<0.037	U		<0.009	U		<0.006	U		<0.0044	U		<0.0046	U	
		VMP-41-20-072821	7/28/2021	<0.0034	U		<0 007	U		<0 011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		<0.0051	U	
		VMP-41-20-102921	10/29/2021	<0.0034	U		<0 007	U		<0 011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		<0.0051	U	
		VMP-41-26-012721	1/27/2021	<0.0038	U		<0 0079	U		<0 012	U		<0.046	U		<0.011	U		<0.0074	U		<0.0054	U		<0.0058	U	
	26 ft	VMP-41-26-050621	5/6/2021	<0.0034	U		<0 007	U		<0 011	U		<0.041	U		<0.01	U		<0.0066	U		<0.0048	U		<0.0051	U	
		VMP-41-26-072821	7/28/2021	<0.0032	U		<0 0067	U		<0.01	U		<0.039	U		<0.0095	U		<0.0063	U		0.00029	J		<0.0049	U	
VMP-41-26-102921		10/29/2021	<0.0035	U		<0 0074	U		<0 011	U		<0.043	U		<0.01	U		<0.007	U		<0.0051	U		<0.0054	U		
VMP-55-20-012821		1/28/2021	<0.036	U		<0 077	U		<0.12	U		<0.18	U		0.098	J		<0.072	U		<0.053	U		<0.056	U		
VMP-55	20 ft	VMP-55-20-051121	5/11/2021	<1.6	U		<3.4	U		<5.2	U		<7.8	U		9.5			<3.1	U		<2.3	U		<2.4	U	
		VMP-55-20-072821	7/28/2021	<1.8	U		<3.7	U		<5.7	U		<8.5	U		180			<3.5	U		<2.5	U		<2.7	U	
		VMP-55-20-102721	10/27/2021	<1.2	U		<2.4	U		<3.8	U		<5.6	U		310		J	<2.3	U		<1.7	U		<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	Chloromethane			alpha-Chlorotoluene			1,2-Dibromoethane			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene chloride)					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	0.048			Result (mg/m ³)	Lab Quals	AECOM Quals	6800			Result (mg/m ³)	Lab Quals	AECOM Quals	1700			Result (mg/m ³)	Lab Quals	AECOM Quals	45		
										Result (mg/m ³)	Lab Quals	AECOM Quals				Result (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-10-5-012721	1/27/2021	<0.025	U		<0.0063	U		<0.0093	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.042	J	U			
		VMP-10-5-050721	5/7/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0028	J		<0.0043	U		<0.037	U				
		VMP-10-5-072821	7/28/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0026	J		<0.0042	U		<0.036	U				
		VMP-10-5-102921	10/29/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0029	J		<0.0043	U		<0.037	U				
	10 ft	VMP-10-10-012721	1/27/2021	<0.024	U		<0.0062	U		<0.0091	U		<0.0072	U		<0.0072	U		0.0028	J		<0.0048	U		<0.041	J	U			
		VMP-10-10-050721	5/7/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0024	J		<0.0043	U		<0.037	U				
		VMP-10-10-072821	7/28/2021	<0.022	U		<0.0055	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0025	J		<0.0043	U		<0.037	U				
		VMP-10-10-102921	10/29/2021	<0.021	U		<0.0052	U		<0.0077	U		<0.006	U		<0.006	U		0.0026	J		<0.004	U		<0.035	U				
	20 ft	VMP-10-20-012721	1/27/2021	<0.025	U		<0.0063	U		<0.0093	U		<0.0073	U		<0.0073	U		0.0027	J		<0.0049	U		<0.042	J	U			
		VMP-10-20-050721	5/7/2021	<0.024	U		<0.0059	U		<0.0088	U		<0.0069	U		<0.0069	U		0.0024	J		<0.0046	U		<0.04	U				
		VMP-10-20-072821	7/28/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		0.0024	J		<0.0042	U		<0.036	U				
		VMP-10-20-102921	10/29/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.003	J		<0.0041	U		<0.036	U				
		VMP-10-20-102921-DUP	10/29/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0025	J		<0.0042	U		<0.036	U				
VMP-11	5 ft	VMP-11-5-012721	1/27/2021	<0.025	U		<0.0062	U		<0.0092	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0049	U		<0.042	J	U			
		VMP-11-5-051021	5/10/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0026	J		<0.0041	U		<0.035	U				
		VMP-11-5-072921	7/29/2021	<0.021	U		<0.0052	U		<0.0077	U		<0.006	U		<0.006	U		0.0027	J		<0.004	U		<0.035	U				
		VMP-11-5-072921-DUP	7/29/2021	<0.021	U		<0.0052	U		<0.0077	U		<0.006	U		<0.006	U		0.0024	J		<0.004	U		0.00083	J				
		VMP-11-5-110121	11/1/2021	<0.02	U		<0.005	U		<0.0075	U		<0.0059	U		<0.0059	U		0.0025	J		<0.0039	U		<0.034	U				
	8 ft	VMP-11-8-012721	1/27/2021	<0.024	U		<0.006	U		<0.0088	U		<0.0069	U		<0.0069	U		0.0027	J		<0.0046	U		<0.04	U				
		VMP-11-8-051021	5/10/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.0025	J		<0.004	U		<0.034	U				
		VMP-11-8-072921	7/29/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0023	J		<0.0044	U		<0.037	U				
		VMP-11-8-110121	11/1/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		0.0025	J		<0.0042	U		<0.036	U				
	29 ft	VMP-11-29-012721	1/27/2021	<0.024	U		<0.006	U		<0.009	U		<0.007	U		<0.007	U		0.0025	J		<0.0047	U		<0.041	U				
		VMP-11-29-051021	5/10/2021	<0.021	U		<0.0052	U		<0.0077	U		<0.006	U		<0.006	U		0.0023	J		<0.004	U		0.00079	J				
		VMP-11-29-072921	7/29/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		0.002	J		<0.0042	U		<0.036	U				
		VMP-11-29-110121	11/1/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		0.0027	J		<0.0042	U		<0.036	U				
	38 ft	VMP-11-29-110121-DUP	11/1/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.0026	J		<0.004	U		<0.034	U				
		VMP-11-38-072921	7/29/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0022	J		<0.0044	U		<0.037	U				
		VMP-11-38-110121	11/1/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0027	J		<0.0041	U		<0.035	U				
		VMP-12-5-012821	1/28/2021	<0.025	U		<0.0063	U		<0.0093	U		<0.0073	U		<0.0073	U		0.0028	J		<0.0049	U		0.001	J				
		VMP-12-5-012821-DUP	1/28/2021	<0.024	U		<0.0061	U		<0.009	U		<0.0071	U		<0.0071	U		0.0028	J		<0.0048	U		<0.041	U				
VMP-12	5 ft	VMP-12-5-051121	5/11/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0025	J		<0.0043	U		<0.037	U				
		VMP-12-5-072721	7/27/2021	<0.021	U		<0.0053	U		<0.0078	U		<0.0061	U		<0.0061	U		0.003	J		<0.0041	U		0.001	J				
		VMP-12-5-072721-DUP	7/27/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.003	J		<0.0043	U		0.00094	J				
		VMP-12-5-102621	10/26/2021	<0.023	U		<0.0057	U		<0.0084	U		<0.0066	U		<0.0066	U		0.0025	J		<0.0044	U		<0.038	U				
		VMP-12-11.5-012821	1/28/2021	<0.024	U		<0.006	U		<0.0088	U		<0.0069	U		<0.0069	U		0.0026	J		<0.0046	U		<0.04	U				
	11.5 ft	VMP-12-11.5-051121	5/11/2021	<0.022	U		<0.0054	U		<0.008	U		<0.0063	U		<0.0063	U		0.0026	J		<0.0042	U		<0.036	U				
		VMP-12-11.5-072721	7/27/2021	<0.022	U		<0.0054	U		<0.008	U		<0.0063	U		<0.0063	U		0.0025	J		<0.0042	U		<0.036	U				
		VMP-12-11.5-102621	10/26/2021	<0.022	U		<0.0055	U		<0.0081	U		<0.0064	U		<0.0064	U		0.0026	J		<0.0043	U		<0.037	U				
	25 ft	VMP-12-25-012821	1/28/2021	<0.48	U		<0.12	U		<0.18	U		<0.14	U		<0.14	U		<0.12	U		<0.095	U		<0.82	U				
		VMP-12-25-051121	5/11/2021	<4.2	U		<2.7	U		<4	U		<3.1	U		<3.1	U		<2.5	U		<2.1	U		<7.2	U				
		VMP-12-25-072721	7/27/2021	<2.2	U		<1.4	U		<2	U		<1.6	U		<1.6	U		<1.3	U		<1.1	U		<3.7	U				
		VMP-12-25-102621	10/26/2021	<4.5	U		<2.8	U		<4.2	U		<3.3	U		<3.3	U		<2.7	U		<2.2	U		<7.6	U				
39 ft	VMP-12-39-012821	1/28/2021	<50	U		<32	U		<47	U		<37	U		<37	U		<30	U		<25	U		<85	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	Chloromethane			alpha-Chlorotoluene			1,2-Dibromoethane			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene chloride)		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	0.048			Result (mg/m ³)	Lab Quals	AECOM Quals	6800			1700			0.81			45		
										Result (mg/m ³)	Lab Quals	AECOM Quals				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (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-13-5-012721	1/27/2021	<0.026	U	UJ	<0.0065	U		<0.0096	U		<0.0075	U		<0.0075	U		0.0027	J		<0.005	U		<0.043	U	
		VMP-13-5-051021	5/10/2021	<0.021	U		<0.0052	U		<0.0077	U		<0.006	U		<0.006	U		0.0025	J		<0.004	U		<0.035	U	
		VMP-13-5-073021	7/30/2021	<0.022	U		<0.0055	U		<0.0081	U		<0.0064	U		<0.0064	U		0.002	J		<0.0043	U		<0.037	U	
		VMP-13-5-102921	10/29/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0022	J		<0.0042	U		<0.036	U	
	10.5 ft	VMP-13-10.5-012721	1/27/2021	<0.022	U	UJ	<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0023	J		<0.0043	U		<0.037	U	
		VMP-13-10.5-051021	5/10/2021	<0.019	U		<0.0047	U		<0.007	U		<0.0055	U		<0.0055	U		0.0028	J		<0.0037	U		<0.032	U	
		VMP-13-10.5-073021	7/30/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0019	J		<0.0041	U		<0.036	U	
		VMP-13-10.5-102921	10/29/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0021	J		<0.0041	U		<0.035	U	
	21.5 ft	VMP-13-21.5-012721	1/27/2021	<0.023	U	UJ	<0.0058	U		<0.0087	U		<0.0068	U		<0.0068	U		0.0027	J		<0.0046	U		<0.039	U	
		VMP-13-21.5-051021	5/10/2021	<0.02	U		<0.005	U		<0.0075	U		<0.0059	U		<0.0059	U		0.0032	J		<0.0039	U		<0.034	U	
		VMP-13-21.5-073021	7/30/2021	<0.021	U		<0.0052	U		<0.0077	U		<0.006	U		<0.006	U		0.0019	J		<0.0041	U		<0.035	U	
		VMP-13-21.5-102921	10/29/2021	<0.022	U		<0.0055	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0021	J		<0.0043	U		<0.037	U	
	29.5 ft	VMP-13-21.5-102921-DUP	10/29/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0021	J		<0.0041	U		<0.035	U	
		VMP-13-29.5-012721	1/27/2021	<0.025	U	UJ	<0.0062	U		<0.0092	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0049	U		<0.042	U	
		VMP-13-29.5-051021	5/10/2021	<0.02	U		<0.0051	U		<0.0076	U		<0.006	U		<0.006	U		0.0025	J		<0.004	U		<0.034	U	
		VMP-13-29.5-073021	7/30/2021	<0.022	U		<0.0055	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0021	J		<0.0043	U		<0.037	U	
VMP-13-29.5-073021-DUP	7/30/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0021	J		<0.0041	U		<0.036	U			
	VMP-13-29.5-102921	10/29/2021	<0.021	U		<0.0053	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0021	J		<0.0041	U		<0.035	U		
	VMP-14-5-012721	1/27/2021	<0.025	U	UJ	<0.0062	U		<0.0092	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0.042	U		
	VMP-14-5-051021	5/10/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0024	J		<0.0041	U		<0.035	U		
VMP-14	5 ft	VMP-14-5-073021	7/30/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		<0.005	U		<0.0041	U		<0.035	U	
		VMP-14-5-102921	10/29/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0028	J		<0.0041	U		<0.036	U	
		VMP-14-11.5-012721	1/27/2021	<0.025	U	UJ	<0.0063	U		<0.0094	U		<0.0074	U		<0.0074	U		0.0021	J		<0.005	U		<0.042	U	
		VMP-14-11.5-051021	5/10/2021	<0.02	U		<0.0051	U		<0.0075	U		<0.0059	U		<0.0059	U		0.0026	J		<0.004	U		<0.034	U	
	11.5 ft	VMP-14-11.5-073021	7/30/2021	<0.02	U		<0.005	U		<0.0075	U		<0.0059	U		<0.0059	U		0.0049			0.00093	J		<0.034	U	
		VMP-14-11.5-102921	10/29/2021	<0.021	U		<0.0052	U		<0.0077	U		<0.006	U		<0.006	U		<0.005	U		<0.0041	U		<0.035	U	
		VMP-14-20-012721	1/27/2021	<0.024	U	UJ	<0.006	U		<0.0089	U		<0.007	U		<0.007	U		0.0021	J		<0.0047	U		<0.04	U	
		VMP-14-20-051021	5/10/2021	<0.023	U		<0.0057	U		<0.0084	U		<0.0066	U		<0.0066	U		0.0026	J		<0.0044	U		<0.038	U	
	20 ft	VMP-14-20-051021-DUP	5/10/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0029	J		<0.0042	U		<0.036	U	
		VMP-14-20-073021	7/30/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		<0.0051	U		<0.0042	U		<0.036	U	
		VMP-14-20-102921	10/29/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		0.0021	J		<0.0042	U		<0.036	U	
		VMP-14-29-012721	1/27/2021	<0.026	U	UJ	<0.0065	U		<0.0096	U		<0.0075	U		<0.0075	U		0.0022	J		<0.0051	U		<0.044	U	
	29 ft	VMP-14-29-102921	10/29/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0027	J		<0.0043	U		<0.037	U	
		VMP-15-5-012821	1/28/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0018	J		<0.0041	U		<0.036	U	
		VMP-15-5-051121	5/11/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0024	J		<0.0041	U		<0.035	U	
		VMP-15-5-072821	7/28/2021	<0.023	U		<0.0057	U		<0.0084	U		<0.0066	U		<0.0066	U		0.003	J		<0.0044	U		<0.038	U	
VMP-15	5 ft	VMP-15-5-102721	10/27/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0027	J		<0.0042	U		<0.036	U	
		VMP-15-21.5-012821	1/28/2021	<0.028	U		<0.0069	U		<0.01	U		<0.008	U		<0.008	U		0.0018	J		<0.0054	U		<0.046	J	U
		VMP-15-21.5-051121	5/11/2021	<0.1	U		<0.026	U		<0.039	U		<0.03	U		<0.03	U		<0.025	U		<0.02	U		<0.18	U	
		VMP-15-21.5-072821	7/28/2021	<0.022	U		<0.0055	U		<0.0081	U		<0.0064	U		<0.0064	U		<0.0052	U		<0.0043	U		<0.037	U	
	21.5 ft	VMP-15-21.5-102721	10/27/2021	<0.037	U		<0.0094	U		<0.014	U		<0.011	U		<0.011	U		<0.009	U		<0.0073	U		<0.063	U	
		VMP-15-25.5-012821	1/28/2021	<0.025	U		<0.0062	U		<0.0092	U		<0.0072	U		<0.0072	U		0.0021	J		<0.0048	U		<0.042	J	U
		VMP-15-25.5-051121	5/11/2021	<0.39	U		<0.098	U		<0.15	U		<0.11	U		<0.11	U		<0.094	U		<0.077	U		<0.66	U	
		VMP-15-25.5-072821	7/28/2021	<0.23	U		<0.058	U		<0.086	U		<0.067	U		<0.067	U		<0.055	U		<0.045	U		<0.39	U	
25.5 ft	VMP-15-25.5-102721	10/27/2021	<0.022	U		<0.0055	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0028	J		<0.0043	U		<0.037	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	Chloromethane			alpha-Chlorotoluene			1,2-Dibromoethane			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene chloride)		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	0.048			Result (mg/m ³)	Lab Quals	AECOM Quals	6800			1700			0.81			45		
										Result (mg/m ³)	Lab Quals	AECOM Quals				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (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-16-5-012921	1/29/2021	<0.027	U		<0.0067	U		<0.0099	U		<0.0078	U		<0.0078	U		0.0027	J		<0.0052	U		<0.045	U	
		VMP-16-5-012921-DUP	1/29/2021	<0.027	U		<0.0068	U		<0.01	U		<0.008	U		<0.008	U		0.0027	J		<0.0054	U		<0.046	U	
		VMP-16-5-051121	5/11/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0024	J		<0.0042	U		<0.036	U	
		VMP-16-5-051121-DUP	5/11/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0027	J		<0.0042	U		<0.036	U	
		VMP-16-5-072721	7/27/2021	<0.023	U		<0.0057	U		<0.0084	U		<0.0066	U		<0.0066	U		0.0027	J		<0.0044	U		0.0013	J	
		VMP-16-5-072721-DUP	7/27/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0022	J		<0.0044	U		0.00096	J	
	VMP-16-5-102621	10/26/2021	<0.023	U		<0.0057	U		<0.0085	U		<0.0066	U		<0.0066	U		0.0027	J		<0.0045	U		<0.038	U		
	VMP-16-5-102621-DUP	10/26/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		0.0026	J		<0.0042	U		<0.036	U		
	13.5 ft	VMP-16-13.5-012921	1/29/2021	<16	U		<3.9	U		<5.8	U		<4.6	U		<4.6	U		<3.7	U		<3.1	U		3.2	J	
		VMP-16-13.5-051121	5/11/2021	<0.59	U		<0.37	U		<0.55	U		<0.43	U		<0.43	U		<0.36	U		<0.29	U		<1	U	
		VMP-16-13.5-072721	7/27/2021	<0.088	U		<0.055	U		<0.081	U		<0.064	U		<0.064	U		<0.052	U		<0.043	U		<0.15	U	
	VMP-16-13.5-102621	10/26/2021	<2.1	U		<1.3	U		<2	U		<1.6	U		<1.6	U		<1.3	U		<1	U		<3.6	U		
19 ft	VMP-16-19-012921	1/29/2021	<26	U		<6.4	U		<9.6	U		<7.5	U		<7.5	U		<6.2	U		<5	U		7.6	J		
	VMP-16-19-051121	5/11/2021	<4.5	U		<2.8	U		<4.2	U		<3.3	U		<3.3	U		<2.7	U		<2.2	U		<7.6	U		
	VMP-16-19-072721	7/27/2021	<4.3	U		<2.7	U		<4	U		<3.2	U		<3.2	U		<2.6	U		<2.1	U		<7.3	U		
VMP-16-19-102621	10/26/2021	<4.2	U		<2.6	U		<3.9	U		<3	U		<3	U		<2.5	U		<2	U		<7	U			
31 ft	VMP-16-31-012921	1/29/2021	<38	U		<9.5	U		<14	U		<11	U		<11	U		<9.1	U		<7.4	U		8.2	J		
	VMP-16-31-051121	5/11/2021	<4.3	U		<2.7	U		<4	U		<3.1	U		<3.1	U		<2.6	U		<2.1	U		<7.2	U		
	VMP-16-31-072721	7/27/2021	<8.8	U		<5.5	U		<8.2	U		<6.4	U		<6.4	U		<5.3	U		<4.3	U		<15	U		
VMP-16-31-102621	10/26/2021	<10	U		<6.3	U		<9.3	U		<7.3	U		<7.3	U		<6	U		<4.9	U		<17	U			
VMP-17	5 ft	VMP-17-5-012821	1/28/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0028	J		<0.0044	U		<0.038	U	
		VMP-17-5-050621	5/6/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0019	J		<0.0041	U		<0.035	U	
		VMP-17-5-072721	7/27/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0022	J		<0.0044	U		<0.038	U	
		VMP-17-5-102721	10/27/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0027	J		<0.0041	U		<0.035	U	
VMP-25	5 ft	VMP-25-5-012621	1/26/2021	<0.024	U		<0.0062	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.041	U	
		VMP-25-5-012621-DUP	1/26/2021	<0.026	U		<0.0064	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		0.0022	J	
		VMP-25-5-102721	10/27/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		0.002	J		<0.0042	U		<0.036	U	
		VMP-25-5-102721-DUP	10/27/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		0.0021	J		<0.0042	U		<0.036	U	
VMP-29	10 ft	VMP-29-10-012721	1/27/2021	<0.025	U		<0.0063	U		<0.0093	U		<0.0073	U		<0.0073	U		0.0031	J		<0.0049	U		0.0016	J	
		VMP-29-10-051021	5/10/2021	<0.02	U		<0.0049	U		<0.0073	U		<0.0057	U		<0.0057	U		0.0026	J		<0.0038	U		<0.033	U	
		VMP-29-10-072821	7/28/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0023	J		<0.0041	U		<0.035	U	
	18 ft	VMP-29-10-102921	10/29/2021	<0.021	U		<0.0054	U		<0.008	U		<0.0062	U		<0.0062	U		0.002	J		<0.0042	U		<0.036	U	
		VMP-29-18-012721	1/27/2021	<0.025	U		<0.0062	U		<0.0092	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0.042	J	U
		VMP-29-18-051021	5/10/2021	<0.028	U		<0.0069	U		<0.01	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.046	U	
		VMP-29-18-072821	7/28/2021	<0.16	U		<0.04	U		<0.06	U		<0.047	U		<0.047	U		<0.038	U		<0.032	U		<0.27	U	
	26 ft	VMP-29-18-102921	10/29/2021	<0.023	U		<0.0058	U		<0.0086	U		<0.0068	U		<0.0068	U		<0.0056	U		<0.0046	U		<0.039	U	
		VMP-29-26-012721	1/27/2021	<0.021	U		<0.0053	U		<0.0079	U		<0.0062	U		<0.0062	U		0.0022	J		<0.0042	U		<0.036	U	
		VMP-29-26-051021	5/10/2021	<0.02	U		<0.005	U		<0.0075	U		<0.0059	U		<0.0059	U		0.0024	J		<0.0039	U		<0.034	U	
VMP-30	10 ft	VMP-29-26-051021-DUP	5/10/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0025	J		<0.0041	U		<0.035	U	
		VMP-29-26-072821	7/28/2021	<0.022	U		<0.0055	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0027	J		<0.0043	U		<0.037	U	
		VMP-29-26-102921	10/29/2021	<0.021	U		<0.0052	U		<0.0078	U		<0.0061	U		<0.0061	U		0.0022	J		<0.0041	U		<0.035	U	
		VMP-30-10-012721	1/27/2021	<0.022	U		<0.0055	U		<0.0081	U		<0.0064	U		<0.0064	U		0.0027	J		<0.0043	U		<0.037	U	
VMP-30	18 ft	VMP-30-10-012721-DUP	1/27/2021	<0.023	U	UJ	<0.0057	U		<0.0084	U		<0.0066	U		<0.0066	U		0.0025	J		<0.0044	U		0.00095	J	
		VMP-30-10-051021	5/10/2021	<0.021	U		<0.0052	U		<0.0077	U		<0.006	U		<0.006	U		0.0024	J		<0.0041	U		<0.035	U	
		VMP-30-10-072821	7/28/2021	<0.022	U		<0.0056	U		<0.0083	U		<0.0065	U		<0.0065	U		0.0027	J		<0.0044	U		<0.038	U	
		VMP-30-10-102921	10/29/2021	<0.021	U		<0.0052	U		<0.0077	U		<0.006	U		<0.006	U		0.0026	J		<0.004	U		<0.035	U	
	26 ft	VMP-30-18-012721	1/27/2021	<0.024	U		<0.0061	U		<0.0091	U		<0.0071	U		<0.0071	U		0.0026	J		<0.0048	U		0.0023	J	
		VMP-30-18-051021	5/10/2021	<0.021	U		<0.0052																				

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

Location	Depth	Sample ID	Sample Date	Chloromethane			alpha-Chlorotoluene			1,2-Dibromoethane			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene chloride)								
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	0.048			Result (mg/m ³)	Lab Quals	AECOM Quals	6800			Result (mg/m ³)	Lab Quals	AECOM Quals	1700			Result (mg/m ³)	Lab Quals	AECOM Quals	0.81			Result (mg/m ³)	Lab Quals	AECOM Quals
										Result (mg/m ³)	Lab Quals	AECOM Quals				Result (mg/m ³)	Lab Quals	AECOM Quals				Result (mg/m ³)	Lab Quals	AECOM Quals				Result (mg/m ³)	Lab Quals	AECOM Quals			
VMP-41	10 ft	VMP-41-10-012721	1/27/2021	<0.024	U		<0.006	U		<0.0088	U		<0.0069	U		<0.0069	U		0.0023	J		<0.0046	U		<0.04	J	U						
		VMP-41-10-050621	5/6/2021	<0.022	U		<0.0054	U		<0.0081	U		0.00074	J		0.00086	J		0.0026	J		<0.0042	U		<0.036	U	UJ						
		VMP-41-10-072821	7/28/2021	<0.022	U		<0.0055	U		<0.0082	U		<0.0064	U		<0.0064	U		0.0025	J		<0.0043	U		<0.037	U							
		VMP-41-10-072821-DUP	7/28/2021	<0.022	U		<0.0054	U		<0.008	U		<0.0063	U		<0.0063	U		0.0026	J		<0.0042	U		<0.036	U							
		VMP-41-10-102921	10/29/2021	<0.024	U		<0.0061	U		<0.009	U		<0.0071	U		<0.0071	U		0.0028	J		<0.0048	U		<0.041	U							
	20 ft	VMP-41-20-012721	1/27/2021	<0.025	U		<0.0062	U		<0.0092	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0049	U		0.0026	J							
		VMP-41-20-050621	5/6/2021	<0.02	U		<0.0049	U		<0.0073	U		<0.0057	U		<0.0057	U		0.0027	J		<0.0038	U		<0.033	U							
		VMP-41-20-072821	7/28/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0021	J		<0.0042	U		<0.036	U							
		VMP-41-20-102921	10/29/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0024	J		<0.0042	U		<0.036	U							
		VMP-41-26-012721	1/27/2021	<0.024	U		<0.0061	U		<0.0091	U		<0.0071	U		<0.0071	U		0.003	J		<0.0048	U		<0.041	J	U						
	26 ft	VMP-41-26-050621	5/6/2021	<0.022	U		<0.0054	U		<0.0081	U		<0.0063	U		<0.0063	U		0.0022	J		<0.0042	U		<0.036	U	UJ						
		VMP-41-26-072821	7/28/2021	<0.021	U		<0.0052	U		<0.0077	U		<0.006	U		<0.006	U		0.0019	J		<0.004	U		<0.035	U							
VMP-41-26-102921		10/29/2021	<0.023	U		<0.0057	U		<0.0085	U		<0.0066	U		<0.0066	U		0.0029	J		<0.0045	U		<0.038	U								
VMP-55-20-012821		1/28/2021	<0.094	U		<0.059	U		<0.088	U		<0.069	U		<0.069	U		<0.057	U		<0.046	U		<0.16	U								
VMP-55	20 ft	VMP-55-20-051121	5/11/2021	<4.1	U		<2.6	U		<3.8	U		<3	U		<3	U		<2.5	U		<2	U		<6.9	U							
		VMP-55-20-072821	7/28/2021	<4.5	U		<2.8	U		<4.2	U		<3.3	U		<3.3	U		<2.7	U		<2.2	U		<7.6	U							
		VMP-55-20-102721	10/27/2021	<3	U		<1.9	U		<2.8	U		<2.2	U		<2.2	U		<1.8	U		<1.5	U		<5	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	1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Heptane			Hexachlorobutadiene			Hexane			
				2.3			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-10-5-012721	1/27/2021	<0.0056	U		<0 018	U		<0 023	U	UJ	<0.0053	U		<0.006	U		<0.005	U		<0.052	U		<0.0043	U		
		VMP-10-5-050721	5/7/2021	<0.0049	U		<0 015	U		<0.02	U		<0.0046	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U		
		VMP-10-5-072821	7/28/2021	<0.0048	U		<0 015	U		0.0092	J		<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U		
		VMP-10-5-102921	10/29/2021	<0.0049	U		<0 015	U		<0.02	U	UJ	<0.0046	U		<0.0052	U		<0.0044	U		<0.045	U		<0.0038	U		
	10 ft	VMP-10-10-012721	1/27/2021	<0.0055	U		<0 017	U		0.0051	J	J	<0.0052	U		<0.0058	U		<0.0049	U		<0.051	U		<0.0042	U		
		VMP-10-10-050721	5/7/2021	<0.0049	U		<0 015	U		<0.02	U		<0.0046	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U		
		VMP-10-10-072821	7/28/2021	<0.0049	U		<0 015	U		0.011	J		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U		
		VMP-10-10-102921	10/29/2021	<0.0046	U		<0 014	U		<0 019	U	UJ	<0.0043	U		<0.0049	U		<0.0041	U		<0.043	U		<0.0035	U		
	20 ft	VMP-10-20-012721	1/27/2021	<0.0056	U		0.013	J		<0 023	U	UJ	<0.0052	U		<0.0059	U		<0.005	U		<0.052	U		<0.0043	U		
		VMP-10-20-050721	5/7/2021	<0.0053	U		<0 016	U		<0 022	U		<0.005	U		<0.0056	U		<0.0047	U		<0.049	U		<0.004	U		
		VMP-10-20-072821	7/28/2021	<0.0048	U		<0 015	U		0.22			<0.0045	U		<0.0051	U		<0.0043	U		<0.044	U		<0.0037	U		
		VMP-10-20-102921	10/29/2021	<0.0047	U		<0 015	U		<0 019	U	UJ	<0.0044	U		<0.005	U		<0.0042	U		<0.044	U		<0.0036	U		
		VMP-10-20-102921-DUP	10/29/2021	<0.0048	U		<0 015	U		<0.02	U	UJ	<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U		
VMP-11	5 ft	VMP-11-5-012721	1/27/2021	<0.0056	U		<0 017	U		<0 023	U	UJ	<0.0052	U		<0.0059	U		<0.0049	U		<0.051	U		<0.0042	U		
		VMP-11-5-051021	5/10/2021	<0.0047	U		<0 014	U		<0 019	U		<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		0.002	J		
		VMP-11-5-072921	7/29/2021	<0.0046	U		<0 014	U		0.0057	J		<0.0043	U		<0.0049	U		<0.0041	U		<0.043	U		<0.0035	U		
		VMP-11-5-072921-DUP	7/29/2021	<0.0046	U		<0 014	U		0.027			<0.0043	U		<0.0049	U		<0.0041	U		<0.043	U		<0.0035	U		
		VMP-11-5-110121	11/1/2021	<0.0045	U		<0 014	U		<0 018	U	UJ	<0.0042	U		<0.0048	U		<0.004	U		<0.042	U		<0.0034	U		
	8 ft	VMP-11-8-012721	1/27/2021	<0.0053	U		<0 016	U		<0 022	U	UJ	<0.005	U		<0.0056	U		<0.0047	U		<0.049	U		<0.004	U		
		VMP-11-8-051021	5/10/2021	<0.0046	U		<0 014	U		<0 019	U		<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		<0.0035	U		
		VMP-11-8-072921	7/29/2021	<0.005	U		0.0027	J		0.039			<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U		
		VMP-11-8-110121	11/1/2021	<0.0048	U		<0 015	U		0.008	J	J	<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U		
	29 ft	VMP-11-29-012721	1/27/2021	<0.0054	U		<0 017	U		0.0054	J	J	<0.0051	U		<0.0058	U		<0.0048	U		<0.05	U		<0.0041	U		
		VMP-11-29-051021	5/10/2021	<0.0046	U		<0 014	U		<0 019	U		<0.0043	U		<0.0049	U		<0.0041	U		<0.043	U		<0.0035	U		
		VMP-11-29-072921	7/29/2021	<0.0048	U		<0 015	U		0.0047	J		<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U		
		VMP-11-29-110121	11/1/2021	<0.0048	U		<0 015	U		<0.02	U	UJ	<0.0045	U		<0.0051	U		<0.0043	U		<0.044	U		<0.0037	U		
			VMP-11-29-110121-DUP	11/1/2021	<0.0046	U		<0 014	U		<0 019	U	UJ	<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		<0.0035	U	
	38 ft	VMP-11-38-072921	7/29/2021	<0.005	U		<0 015	U		0.071			<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U		
		VMP-11-38-110121	11/1/2021	<0.0047	U		<0 014	U		<0 019	U	UJ	<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		<0.0036	U		
VMP-12	5 ft	VMP-12-5-012821	1/28/2021	<0.0056	U		<0 018	U		0.0051	J	J	<0.0053	U		<0.006	U		<0.005	U		<0.052	U		<0.0043	U		
		VMP-12-5-012821-DUP	1/28/2021	<0.0054	U		0.0016	J		<0 022	U	UJ	<0.0051	U		<0.0058	U		<0.0048	U		<0.05	U		<0.0041	U		
		VMP-12-5-051121	5/11/2021	<0.0049	U		<0 015	U		0.0074	J		<0.0046	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U		
		VMP-12-5-072721	7/27/2021	<0.0047	U		0.0025	J		0.008	J		<0.0044	U		<0.005	U		<0.0042	U		<0.044	U		<0.0036	U		
		VMP-12-5-072721-DUP	7/27/2021	<0.0049	U		<0 015	U		0.011	J		<0.0046	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U		
		VMP-12-5-102621	10/26/2021	<0.0051	U		<0 016	U		0.0078	J		0.0027	J		0.0063			0.0026	J		<0.047	U		0.0069			
	11.5 ft	VMP-12-11.5-012821	1/28/2021	<0.0053	U		0.0021	J		<0 022	U	UJ	<0.005	U		<0.0056	U		<0.0047	U		<0.049	U		0.01			
		VMP-12-11.5-051121	5/11/2021	<0.0048	U		<0 015	U		<0.02	U		<0.0045	U		<0.0051	U		<0.0043	U		<0.044	U		<0.0037	U		
		VMP-12-11.5-072721	7/27/2021	<0.0048	U		<0 015	U		<0.02	U		<0.0045	U		<0.0051	U		<0.0043	U		<0.044	U		<0.0037	U		
			VMP-12-11.5-102621	10/26/2021	<0.0049	U		<0 015	U		<0.02	U		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
	25 ft	VMP-12-25-012821	1/28/2021	<0.11	U		<0.34	U		<0.44	U	UJ	<0.1	U		<0.12	U		<0.096	U		<1	U		<0.083	U		
		VMP-12-25-051121	5/11/2021	<2.4	U		<7.4	U		<3.9	U		0.41	J		<2.5	U		1.7	J		<22	U		140			
		VMP-12-25-072721	7/27/2021	<1.2	U		<3.8	U		<2	U	UJ	4.7			4.5			14			<11	U		240			
VMP-12-25-102621		10/26/2021	<2.5	U		<7.8	U		<4.1	U		1.1	J		1.3	J		12			<23	U		68				
39 ft	VMP-12-39-012821	1/28/2021	<28	U		<88	U		<46	U		12	J		<30	U		170			<260	U		5200				

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

Location	Depth	Sample ID	Sample Date	1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Heptane			Hexachlorobutadiene			Hexane			
				2.3			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-13	5 ft	VMP-13-5-012721	1/27/2021	<0.0058	U		0.0028	J		<0.024	U		<0.0054	U		<0.0061	U		<0.0051	U		<0.053	U		<0.0044	U		
		VMP-13-5-051021	5/10/2021	<0.0046	U		<0.014	U		0.0054	J		<0.0043	U		<0.0049	U		<0.0041	U		<0.043	U		<0.0035	U		
		VMP-13-5-073021	7/30/2021	<0.0049	U		<0.015	U		<0.02	U		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U		
		VMP-13-5-102921	10/29/2021	<0.0048	U		<0.015	U		0.0081	J		<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U		
	10.5 ft	VMP-13-10.5-012721	1/27/2021	<0.0049	U		<0.015	U		0.021			<0.0046	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U		
		VMP-13-10.5-051021	5/10/2021	<0.0042	U		<0.013	U		<0.017	U		<0.004	U		<0.0045	U		<0.0037	U		<0.039	U		<0.0032	U		
		VMP-13-10.5-073021	7/30/2021	<0.0047	U		<0.015	U		<0.019	U		<0.0044	U		<0.005	U		<0.0042	U		<0.044	U		<0.0036	U		
		VMP-13-10.5-102921	10/29/2021	<0.0047	U		<0.014	U		<0.019	U		<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		<0.0036	U		
	21.5 ft	VMP-13-21.5-012721	1/27/2021	<0.0052	U		<0.016	U		<0.021	U		<0.0049	U		<0.0056	U		<0.0046	U		<0.048	U		<0.004	U		
		VMP-13-21.5-051021	5/10/2021	<0.0045	U		<0.014	U		0.01	J		<0.0042	U		<0.0048	U		<0.004	U		<0.042	U		<0.0034	U		
		VMP-13-21.5-073021	7/30/2021	<0.0046	U		<0.014	U		0.0042	J		<0.0044	U		<0.0049	U		<0.0041	U		<0.043	U		<0.0035	U		
		VMP-13-21.5-102921	10/29/2021	<0.0049	U		<0.015	U		<0.02	U		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U		
	29.5 ft	VMP-13-21.5-102921-DUP	10/29/2021	<0.0047	U		<0.014	U		<0.019	U		<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		<0.0036	U		
		VMP-13-29.5-012721	1/27/2021	<0.0056	U		0.0033	J		<0.023	U		<0.0052	U		<0.0059	U		<0.0049	U		<0.051	U		<0.0042	U		
		VMP-13-29.5-051021	5/10/2021	<0.0046	U		<0.014	U		<0.019	U		<0.0043	U		<0.0049	U		<0.004	U		<0.042	U		<0.0035	U		
		VMP-13-29.5-073021	7/30/2021	<0.0049	U		<0.015	U		<0.02	U		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U		
VMP-13-29.5-073021-DUP	7/30/2021	<0.0047	U		<0.015	U		0.0048	J		<0.0044	U		<0.005	U		<0.0042	U		<0.044	U		<0.0036	U				
	VMP-13-29.5-102921	10/29/2021	<0.0047	U		<0.015	U		<0.019	U		<0.0044	U		<0.005	U		<0.0042	U		<0.044	U		<0.0036	U			
	VMP-14	5 ft	VMP-14-5-012721	1/27/2021	<0.0055	U		<0.017	U		<0.023	U		<0.0052	U		<0.0059	U		<0.0049	U		<0.051	U		<0.0042	U	
			VMP-14-5-051021	5/10/2021	<0.0047	U		<0.015	U		<0.019	U		0.0062			0.012	J		0.00046	J		<0.043	U		<0.0036	U	
VMP-14-5-073021			7/30/2021	<0.0047	U		<0.015	U		<0.019	U		<0.0044	U		<0.005	U		<0.0042	U		<0.043	U		<0.0036	U		
VMP-14-5-102921			10/29/2021	<0.0047	U		<0.015	U		<0.019	U	UJ	<0.0044	U		<0.005	U		<0.0042	U		<0.044	U		<0.0036	U		
11.5 ft	VMP-14-11.5-012721	1/27/2021	<0.0057	U		0.0058	J		<0.023	U		<0.0053	U		<0.006	U		<0.005	U		<0.052	U		<0.0043	U			
	VMP-14-11.5-051021	5/10/2021	<0.0045	U		<0.014	U		<0.018	U		<0.0042	U		<0.0048	U		<0.004	U		<0.042	U		<0.0034	U			
	VMP-14-11.5-073021	7/30/2021	<0.0045	U		<0.014	U		<0.018	U		<0.0042	U		<0.0048	U		<0.004	U		<0.042	U		<0.0034	U			
	VMP-14-11.5-102921	10/29/2021	<0.0046	U		<0.014	U		<0.019	U	UJ	<0.0044	U		<0.0049	U		<0.0041	U		<0.043	U		<0.0035	U			
20 ft	VMP-14-20-012721	1/27/2021	<0.0054	U		<0.017	U		<0.022	U		<0.005	U		<0.0057	U		<0.0048	U		<0.049	U		<0.0041	U			
	VMP-14-20-051021	5/10/2021	<0.0051	U		<0.016	U		<0.021	U		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0038	U			
	VMP-14-20-051021-DUP	5/10/2021	<0.0048	U		<0.015	U		<0.019	U		<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U			
	VMP-14-20-073021	7/30/2021	<0.0048	U		<0.015	U		<0.019	U		<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U			
29 ft	VMP-14-20-102921	10/29/2021	<0.0048	U		<0.015	U		<0.02	U	UJ	<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		0.0016	J			
	VMP-14-29-012721	1/27/2021	<0.0058	U		<0.018	U		<0.024	U		<0.0054	U		<0.0062	U		<0.0051	U		<0.054	U		<0.0044	U			
VMP-15	5 ft	VMP-14-29-102921	10/29/2021	<0.0049	U		<0.015	U		<0.02	U	UJ	<0.0046	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U		
		VMP-15-5-012821	1/28/2021	<0.0047	U		<0.015	U		<0.019	U	UJ	<0.0044	U		<0.005	U		<0.0042	U		<0.044	U		<0.0036	U		
		VMP-15-5-051121	5/11/2021	<0.0047	U		<0.014	U		0.0053	J		<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		<0.0036	U		
		VMP-15-5-072821	7/28/2021	<0.0051	U		<0.016	U		<0.021	U		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0038	U		
	21.5 ft	VMP-15-5-102721	10/27/2021	<0.0048	U		<0.015	U		<0.019	U		<0.0045	U		<0.0051	U		0.0024	J		<0.044	U		0.0055			
		VMP-15-21.5-012821	1/28/2021	<0.0062	U		<0.019	U		<0.025	U	UJ	<0.0058	U		<0.0066	U		<0.0055	U		<0.057	U		<0.0047	U		
		VMP-15-21.5-051121	5/11/2021	<0.023	U		<0.073	U		<0.095	U		<0.022	U		<0.025	U		<0.021	U		<0.22	U		<0.018	U		
		VMP-15-21.5-072821	7/28/2021	<0.0049	U		<0.015	U		0.049			<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U		
	25.5 ft	VMP-15-21.5-102721	10/27/2021	<0.0084	U		<0.026	U		<0.034	U		<0.0078	U		<0.0089	U		<0.0074	U		<0.077	U		<0.0064	U		
		VMP-15-25.5-012821	1/28/2021	<0.0055	U		<0.017	U		<0.022	U	UJ	<0.0052	U		<0.0059	U		<0.0049	U		<0.051	U		<0.0042	U		
		VMP-15-25.5-051121	5/11/2021	<0.088	U		<0.27	U		<0.36	U		<0.082	U		<0.093	U		<0.078	U		<0.81	U		<0.067	U		
		VMP-15-25.5-072821	7/28/2021	<0.052	U		<0.16	U		<0.21	U		0.013	J		0.034	J		<0.046	U		<0.48	U		<0.039	U		
VMP-15-25.5-102721	10/27/2021	<0.0049	U		<0.015	U		<0.02	U		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	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	1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Heptane			Hexachlorobutadiene			Hexane		
				2,3			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-16-5-012921	1/29/2021	<0.006	U		<0 018	U		0.0052	J	J	<0.0056	U		<0.0063	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-16-5-012921-DUP	1/29/2021	<0.0061	U		<0 019	U		0.056		J	<0.0058	U		<0.0065	U		<0.0054	U		<0.056	U		<0.0047	U	
		VMP-16-5-051121	5/11/2021	<0.0048	U		<0 015	U		0.008	J		<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U	
		VMP-16-5-051121-DUP	5/11/2021	<0.0048	U		<0 015	U		0.0097	J		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-16-5-072721	7/27/2021	<0.0051	U		<0 016	U		0.011	J		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0038	U	
		VMP-16-5-072721-DUP	7/27/2021	<0.005	U		<0 016	U		0.0076	J		<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-16-5-102621	10/26/2021	<0.0051	U		<0 016	U		<0 021	U		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0039	U	
	VMP-16-5-102621-DUP	10/26/2021	<0.0048	U		<0 015	U		<0.02	U		<0.0045	U		<0.0051	U		<0.0043	U		<0.044	U		<0.0037	U		
	13.5 ft	VMP-16-13.5-012921	1/29/2021	<3.5	U		<11	U		14			0.88	J		<3.7	U		0.87	J		<32	U		2.3	J	
		VMP-16-13.5-051121	5/11/2021	<0 33	U		<1	U		<0.54	U		0.11	J		<0.3	U		<0.3	U		<3.1	U		2.4		
		VMP-16-13.5-072721	7/27/2021	<0.049	U		<0.15	U		<0.08	U	UJ	<0.046	U		0.041	J	J	<0.043	U		<0.45	U		14		
		VMP-16-13.5-102621	10/26/2021	<1.2	U		<3.7	U		<2	U		<1.1	U		<1.3	U		<1.1	U		<11	U		15		
	19 ft	VMP-16-19-012921	1/29/2021	<5.8	U		<18	U		36			1.7	J		4	J		1.7	J		<53	U		4	J	
		VMP-16-19-051121	5/11/2021	<2.5	U		<7 8	U		<4.1	U		1.6	J		7.5			3.6			<23	U		95		
VMP-16-19-072721		7/27/2021	<2.4	U		<7.6	U		<4	U	UJ	1.8	J		7.6			11			<22	U		340			
31 ft	VMP-16-19-102621	10/26/2021	<2.3	U		<7 3	U		<3.8	U		2.1	J		3.6			32			<22	U		520			
	VMP-16-31-012921	1/29/2021	<8.5	U		<26	U		30	J		2.4	J		<9	U		14			<78	U		120			
	VMP-16-31-051121	5/11/2021	<2.4	U		<7 5	U		<3.9	U		350			140			1600			<22	U		11000			
	VMP-16-31-072721	7/27/2021	<4.9	U		<15	U		4.8	J	J	100			23			800			<45	U		4200			
VMP-16-31-102621	10/26/2021	<5.6	U		<17	U		<9.1	U		160			40			980			<52	U		4000				
VMP-17	5 ft	VMP-17-5-012821	1/28/2021	<0.005	U		<0 016	U		0.0039	J		<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-17-5-050621	5/6/2021	<0.0047	U		<0 014	U		<0 019	U		<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		<0.0036	U	
		VMP-17-5-072721	7/27/2021	<0.005	U		<0 016	U		<0.02	ND,UJ	UJ	<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-17-5-102721	10/27/2021	<0.0047	U		<0 014	U		0.0062	J		<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		<0.0036	U	
VMP-25	5 ft	VMP-25-5-012621	1/26/2021	<0.0055	U		<0 017	U		<0 022	U		<0.0052	U		<0.0058	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-25-5-012621-DUP	1/26/2021	<0.0057	U		<0 018	U		0.012	J		<0.0054	U		<0.0061	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-25-5-102721	10/27/2021	<0.0048	U		<0 015	U		0.01	J		<0.0045	U		<0.0051	U		<0.0043	U		<0.044	U		<0.0037	U	
		VMP-25-5-102721-DUP	10/27/2021	<0.0048	U		<0 015	U		<0.02	U		<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U	
VMP-29	10 ft	VMP-29-10-012721	1/27/2021	<0.0056	U		<0 018	U		0.0048	J	J	<0.0053	U		<0.006	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-29-10-051021	5/10/2021	<0.0044	U		<0 014	U		0.0058	J		<0.0041	U		<0.0046	U		<0.0039	U		<0.04	U		0.00078	J	
		VMP-29-10-072821	7/28/2021	<0.0047	U		<0 014	U		<0 019	U		<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		<0.0036	U	
		VMP-29-10-102921	10/29/2021	<0.0048	U		<0 015	U		<0.02	U		<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U	
	18 ft	VMP-29-18-012721	1/27/2021	<0.0055	U		<0 017	U		0.0077	J	J	<0.0052	U		<0.0059	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-29-18-051021	5/10/2021	<0.0062	U		<0 019	U		0.0064	J		<0.0058	U		<0.0066	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-29-18-072821	7/28/2021	<0.036	U		<0.11	U		<0.15	U		<0.034	U		<0.038	U		<0.032	U		<0.33	U		<0.027	U	
	26 ft	VMP-29-18-102921	10/29/2021	<0.0052	U		<0 016	U		<0 021	U		<0.0049	U		<0.0055	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-29-26-012721	1/27/2021	0.00085	J		<0 015	U		0.0088	J	J	<0.0045	U		<0.0051	U		<0.0042	U		<0.044	U		<0.0036	U	
		VMP-29-26-051021	5/10/2021	<0.0045	U		<0 014	U		<0 018	U		<0.0042	U		<0.0048	U		<0.004	U		<0.042	U		<0.0034	U	
VMP-30	10 ft	VMP-29-26-051021-DUP	5/10/2021	<0.0047	U		<0 014	U		0.018	J		<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		<0.0036	U	
		VMP-29-26-072821	7/28/2021	<0.0049	U		<0 015	U		<0.02	U		<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-29-26-102921	10/29/2021	<0.0047	U		<0 015	U		<0 019	U		<0.0044	U		<0.005	U		<0.0042	U		<0.043	U		<0.0036	U	
		VMP-30-10-012721	1/27/2021	<0.0049	U		<0 015	U		0.0074	J	J	<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
18 ft	VMP-30-10-012721-DUP	1/27/2021	<0.0051	U		<0 016	U		0.003	J		<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0039	U		
	VMP-30-10-051021	5/10/2021	<0.0046	U		0.0016	J		<0 019	U		<0.0044	U		<0.0049	U		<0.0041	U		<0.043	U		<0.0035	U		
	VMP-30-10-072821	7/28/2021	<0.005	U		<0 016	U		<0.02	U		<0.0047	U		<0.0053	U		<0.0044	U		<0.046	U		<0.0038	U		
	VMP-30-10-102921	10/29/2021	<0.0046	U		0.011	J		<0 019	U		<0.0043	U		<0.0049	U		<0.0041	U		<0.043	U		<0.0035	U		
	VMP-30-18-012721	1/27/2021	<0.0055	U		<0 017	U		0.008	J	J	<0.0051	U		<0.0058	U		<0.0048	U		<0.05	U		<0.0042	U		
	VMP-30-18-051021	5/10/2021	<0.0047	U		0.0026	J		<0 019	U		<0.0044	U		<0.005	U		<0.0041	U		<0.043	U		<0.0036	U		
	VMP-30-18-072821	7/28/2021	<0.019	U		<0.06	U		0.015	J		<0.018	U		<0.021	U		<0.017	U		<0.18	U		<0.015	U		
	VMP-30-18-072821-DUP	7/28/2021	<0 02	U		<0 061	U		0.027	J		<0.01															

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

Location	Depth	Sample ID	Sample Date	1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Heptane			Hexachlorobutadiene			Hexane		
				2.3			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-41	10 ft	VMP-41-10-012721	1/27/2021	<0.0053	U		<0.016	U		<0.022	U	UJ	<0.005	U		<0.0056	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-41-10-050621	5/6/2021	<0.0048	U		<0.015	U		<0.02	U	UJ	<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	UJ
		VMP-41-10-072821	7/28/2021	<0.0049	U		<0.015	U		0.014	J		<0.0046	U		<0.0052	U		<0.0044	U		<0.045	U		<0.0038	U	
		VMP-41-10-072821-DUP	7/28/2021	<0.0048	U		<0.015	U		0.0096	J		<0.0045	U		<0.0051	U		<0.0043	U		<0.044	U		<0.0037	U	
		VMP-41-10-102921	10/29/2021	<0.0054	U		<0.017	U		<0.022	U	UJ	<0.0051	U		<0.0058	U		<0.0048	U		<0.05	U		<0.0041	U	
	20 ft	VMP-41-20-012721	1/27/2021	<0.0056	U		0.0027	J		0.016	J	J	<0.0052	U		<0.0059	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-41-20-050621	5/6/2021	<0.0044	U		<0.014	U		0.011	J		<0.0041	U		<0.0047	U		<0.0039	U		<0.04	U		<0.0033	U	
		VMP-41-20-072821	7/28/2021	<0.0048	U		<0.015	U		0.12			<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-41-20-102921	10/29/2021	<0.0048	U		<0.015	U		<0.02	U	UJ	0.0017	J		0.0054			<0.0043	U		<0.045	U		0.0036	J	
	26 ft	VMP-41-26-012721	1/27/2021	<0.0054	U		<0.017	U		<0.022	U	UJ	<0.0051	U		<0.0058	U		<0.0048	U		<0.05	U		<0.0042	U	
		VMP-41-26-050621	5/6/2021	<0.0048	U		<0.015	U		<0.02	U	UJ	<0.0046	U		<0.0052	U		<0.0043	U		<0.045	U		<0.0037	U	UJ
		VMP-41-26-072821	7/28/2021	<0.0046	U		0.0074	J		<0.019	U		<0.0043	U		<0.0049	U		<0.0041	U		<0.043	U		<0.0035	U	
VMP-41-26-102921		10/29/2021	<0.0051	U		<0.016	U		<0.021	U	UJ	<0.0048	U		<0.0054	U		<0.0045	U		<0.047	U		<0.0039	U		
VMP-55	20 ft	VMP-55-20-012821	1/28/2021	<0.053	U		<0.16	U		<0.086	U		<0.05	U		<0.056	U		<0.047	U		<0.49	U		<0.04	U	
		VMP-55-20-051121	5/11/2021	<2.3	U		<7.2	U		<3.8	U		<2.2	U		<2.4	U		<2	U		<21	U		2.9		
		VMP-55-20-072821	7/28/2021	<2.5	U		<7.9	U		<4.1	U		<2.4	U		<2.7	U		<2.2	U		<23	U		9.5		
		VMP-55-20-102721	10/27/2021	<1.7	U		<5.2	U		<2.7	U		<1.6	U		<1.8	U		<1.5	U		<16	U		30		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	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			1,1,2,2-Tetrachloroethane			Tetrachloroethene			1,2,4-Trichlorobenzene			Trichloroethene			1,2,4-Trimethylbenzene		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (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-10-5-012721	1/27/2021	<0.02	U		<0.014	U		0.013			<0.0083	U		<0.0082	U		<0.036	U		<0.0065	U		<0.006	U	
		VMP-10-5-050721	5/7/2021	<0.018	U		<0.013	U		0.022			<0.0073	U		<0.0072	U		<0.032	U		<0.0058	U		<0.0052	U	
		VMP-10-5-072821	7/28/2021	<0.017	U		<0.012	U		0.013			<0.0071	U		<0.007	U		<0.03	U		<0.0055	U		<0.0051	U	
		VMP-10-5-102921	10/29/2021	<0.017	U		<0.012	U		0.009	J		<0.0073	U		<0.0072	U		<0.032	U		<0.0057	U		<0.0052	U	
	10 ft	VMP-10-10-012721	1/27/2021	<0.019	U		0.002	J		0.0056	J		<0.0082	U		<0.0081	U		<0.035	U		<0.0064	U		<0.0058	U	
		VMP-10-10-050721	5/7/2021	<0.018	U		<0.013	U		0.034			<0.0073	U		<0.0072	U		<0.032	U		<0.0058	U		<0.0052	U	
		VMP-10-10-072821	7/28/2021	<0.017	U		<0.012	U		0.033			<0.0072	U		<0.0071	J		<0.031	U		<0.0057	U		<0.0052	U	
		VMP-10-10-102921	10/29/2021	<0.016	U		<0.012	U		0.033			<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.0049	U	
	20 ft	VMP-10-20-012721	1/27/2021	<0.02	U		<0.014	U		0.0095	J		<0.0083	U		<0.0082	U		<0.036	U		<0.0065	U		<0.0059	U	
		VMP-10-20-050721	5/7/2021	<0.019	U		<0.014	U		0.019			<0.0079	U		<0.0078	U		<0.034	U		<0.0062	U		<0.0056	J	U
		VMP-10-20-072821	7/28/2021	<0.017	U		<0.012	U		0.034			<0.0071	U		<0.007	U		<0.031	U		<0.0056	U		<0.0051	U	
		VMP-10-20-102921	10/29/2021	<0.017	U		<0.012	U		0.0043	J		<0.007	U		<0.007	U		<0.03	U		<0.0055	U		<0.005	U	
		VMP-10-20-102921-DUP	10/29/2021	<0.017	U		<0.012	U		0.013		<0.0072	U		<0.0071	U		<0.031	U		<0.0056	U		<0.0052	U		
VMP-11	5 ft	VMP-11-5-012721	1/27/2021	<0.02	U		<0.014	U		0.0045	J		<0.0083	U		<0.0082	U		<0.036	U		<0.0065	U		<0.0059	U	
		VMP-11-5-051021	5/10/2021	<0.016	U		0.0031	J		0.0095	J		<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.005	U	
		VMP-11-5-072921	7/29/2021	<0.016	U		<0.012	U		0.017			<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.0049	U	
		VMP-11-5-072921-DUP	7/29/2021	0.0004	J		<0.012	U		0.0092	J		<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.0049	U	
		VMP-11-5-110121	11/1/2021	<0.016	U		<0.012	U		0.0066	J		<0.0067	U		<0.0066	U		<0.029	U		<0.0052	U		<0.0048	U	
	8 ft	VMP-11-8-012721	1/27/2021	<0.019	U		<0.014	U		0.005	J		<0.0079	U		<0.0078	U		<0.034	U		<0.0062	U		<0.0056	U	
		VMP-11-8-051021	5/10/2021	<0.016	U		<0.012	U		0.01			<0.0068	U		<0.0067	U		<0.029	U		<0.0053	U		<0.0049	U	
		VMP-11-8-072921	7/29/2021	0.0011	J		<0.013	U		0.0059	J		<0.0074	U		<0.0073	J	U	<0.032	U		<0.0058	U		<0.0053	U	
		VMP-11-8-110121	11/1/2021	<0.017	U		<0.012	U		0.008	J		<0.0071	U		<0.007	U		<0.031	U		<0.0056	U		<0.0051	U	
	29 ft	VMP-11-29-012721	1/27/2021	<0.019	U		<0.014	U		0.0089	J		<0.008	U		<0.0079	U		<0.035	U		<0.0063	U		<0.0058	U	
		VMP-11-29-051021	5/10/2021	<0.016	U		<0.012	U		0.02			<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.0049	U	
		VMP-11-29-072921	7/29/2021	<0.017	U		<0.012	U		0.0099	J		<0.0071	U		<0.007	U		<0.031	U		<0.0056	U		<0.0051	U	
		VMP-11-29-110121	11/1/2021	<0.017	U		<0.012	U		<0.01	U		<0.0071	U		<0.007	U		<0.031	U		<0.0056	U		<0.0051	U	
	38 ft	VMP-11-29-110121-DUP	11/1/2021	<0.016	U		<0.012	U		<0.0097	U		<0.0068	U		<0.0067	U		<0.029	U		<0.0053	U		<0.0049	U	
		VMP-11-38-072921	7/29/2021	<0.018	U		<0.013	U		0.0051	J		<0.0074	U		0.052			<0.032	U		<0.0058	U		<0.0053	U	
		VMP-11-38-110121	11/1/2021	<0.016	U		<0.012	U		0.0038	J		<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.005	U	
VMP-12	5 ft	VMP-12-5-012821	1/28/2021	<0.02	U		0.0044	J		0.01	J		<0.0083	U		<0.0082	U		<0.036	U		<0.0065	U		<0.006	U	
		VMP-12-5-012821-DUP	1/28/2021	<0.019	U		0.0038	J		0.0087	J		<0.0081	U		<0.008	U		<0.035	U		<0.0063	U		<0.0058	U	
		VMP-12-5-051121	5/11/2021	<0.018	U		0.0056	J		0.023			<0.0073	U		0.0066	J		<0.032	U		<0.0058	U		<0.0052	U	
		VMP-12-5-072721	7/27/2021	0.00063	J		<0.012	U		0.0066	J		<0.007	U		<0.0069	U		<0.03	U		0.00092	J		<0.005	U	
		VMP-12-5-072721-DUP	7/27/2021	<0.018	U		<0.013	U		0.025			<0.0073	U		<0.0072	U		<0.032	U		0.0021	J		<0.0052	U	
		VMP-12-5-102621	10/26/2021	<0.018	U		<0.013	U		0.023			<0.0075	U		<0.0074	U		<0.032	U		<0.0059	U		0.0063		
	11.5 ft	VMP-12-11.5-012821	1/28/2021	<0.019	U		0.23			0.0064	J		<0.0079	U		<0.0078	U		<0.034	U		<0.0062	U		<0.0056	U	
		VMP-12-11.5-051121	5/11/2021	<0.017	U		<0.012	U		0.0073	J		<0.0072	U		0.00093	J		<0.031	U		<0.0056	U		<0.0051	U	
		VMP-12-11.5-072721	7/27/2021	<0.017	U		<0.012	U		0.0062	J		<0.0072	U		<0.0071	U		<0.031	U		<0.0056	U		<0.0051	U	
	25 ft	VMP-12-11.5-102621	10/26/2021	<0.017	U		<0.012	U		0.044			<0.0073	U		<0.0072	U		<0.031	U		<0.0057	U		<0.0052	U	
		VMP-12-25-012821	1/28/2021	<0.38	U		12			<0.23	U		<0.16	U		<0.16	U		<0.7	U		<0.13	U		<0.12	U	
		VMP-12-25-051121	5/11/2021	<8.4	U		1100			<5.1	U		<3.5	U		<3.5	U		<15	U		<2.8	U		<2.5	U	
		VMP-12-25-072721	7/27/2021	<4.4	U		1800			<2.6	U		<1.8	U		<1.8	U		<7.9	U		<1.4	U		6		
39 ft	VMP-12-25-102621	10/26/2021	<8.9	U		1100			3.2	J		<3.7	U		<3.7	U		<16	U		<2.9	U		1.1	J		
	VMP-12-39-012821	1/28/2021	<100	U		25000			<60	U		<42	U		<42	U		<180	U		<33	U		<30	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	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			1,1,2,2-Tetrachloroethane			Tetrachloroethene			1,2,4-Trichlorobenzene			Trichloroethene			1,2,4-Trimethylbenzene			
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	
																												4
VMP-13	5 ft	VMP-13-5-012721	1/27/2021	<0.02	U		<0.015	U		0.0081	J		<0.0086	U		<0.0085	U		<0.037	U		<0.0067	U		<0.0061	U		
		VMP-13-5-051021	5/10/2021	<0.016	U		<0.012	U		0.015			<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.0049	U		
		VMP-13-5-073021	7/30/2021	<0.017	U		<0.012	U		0.003	J		<0.0073	U		0.0012	J		<0.031	U		<0.0057	U		<0.0052	U		
		VMP-13-5-102921	10/29/2021	<0.017	U		<0.012	U		0.0098	J		<0.0071	U		<0.007	U		<0.03	U		<0.0055	U		<0.0051	U		
	10.5 ft	VMP-13-10.5-012721	1/27/2021	<0.018	U		<0.013	U		0.007	J		<0.0073	U		0.0027	J		<0.032	U		<0.0058	U		<0.0052	U		
		VMP-13-10.5-051021	5/10/2021	<0.015	U		<0.011	U		0.018			<0.0062	U		<0.0062	U		<0.027	U		<0.0049	U		<0.0045	U		
		VMP-13-10.5-073021	7/30/2021	<0.017	U		<0.012	U		0.01			<0.007	U		<0.007	U		<0.03	U		<0.0055	U		<0.005	U		
		VMP-13-10.5-102921	10/29/2021	<0.016	U		<0.012	U		0.029			<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.005	U		
	21.5 ft	VMP-13-21.5-012721	1/27/2021	<0.018	U		<0.013	U		0.009	J		<0.0078	U		0.006	J		<0.034	U		<0.0061	U		<0.0056	U		
		VMP-13-21.5-051021	5/10/2021	<0.016	U		<0.012	U		0.033			<0.0067	U		0.0047	J		<0.029	U		<0.0052	U		<0.0048	U		
		VMP-13-21.5-073021	7/30/2021	<0.016	U		<0.012	U		0.013			<0.0069	U		0.0038	J		<0.03	U		<0.0054	U		<0.0049	U		
		VMP-13-21.5-102921	10/29/2021	<0.017	U		<0.012	U		0.048		J	<0.0072	U		0.0063	J		<0.031	U		<0.0057	U		<0.0052	U		
	29.5 ft	VMP-13-21.5-102921-DUP	10/29/2021	<0.016	U		<0.012	U		0.008	J	J	<0.0069	U		0.0056	J		<0.03	U		<0.0054	U		<0.005	U		
		VMP-13-29.5-012721	1/27/2021	<0.02	U		<0.014	U		0.006	J		<0.0083	U		0.0082	U		<0.036	U		<0.0065	U		<0.0059	U		
		VMP-13-29.5-051021	5/10/2021	<0.016	U		<0.012	U		0.026			<0.0068	U		<0.0067	U		<0.029	U		<0.0053	U		<0.0049	U		
		VMP-13-29.5-073021	7/30/2021	<0.017	U		<0.012	U		0.0098	J		<0.0072	U		<0.0072	U		<0.031	U		<0.0057	U		<0.0052	U		
VMP-13-29.5-073021-DUP	7/30/2021	0.0024	J		<0.012	U		0.0067	J		<0.007	U		<0.007	U		<0.03	U		<0.0055	U		<0.005	U				
	VMP-13-29.5-102921	10/29/2021	<0.017	U		<0.012	U		<0.01	U		<0.007	U		<0.0069	U		<0.03	U		<0.0055	U		<0.005	U			
	VMP-14	5 ft	VMP-14-5-012721	1/27/2021	<0.02	U		<0.014	U		0.01	J		<0.0082	U		<0.0081	U		<0.036	U		<0.0064	U		<0.0059	U	
			VMP-14-5-051021	5/10/2021	<0.017	U		<0.012	U		0.0092	J		<0.007	U		<0.0069	U		<0.03	U		<0.0054	U		0.014		
VMP-14-5-073021			7/30/2021	<0.017	U		<0.012	U		0.0066	J		<0.007	U		<0.0069	U		<0.03	U		<0.0054	U		<0.005	U		
VMP-14-5-102921			10/29/2021	<0.017	U		<0.012	U		<0.01	U		<0.007	U		<0.007	U		<0.03	U		<0.0055	U		<0.005	U		
11.5 ft	VMP-14-11.5-012721	1/27/2021	<0.02	U		<0.014	U		0.0053	J		<0.0084	U		<0.0083	U		<0.036	U		<0.0066	U		0.0011	J			
	VMP-14-11.5-051021	5/10/2021	<0.016	U		<0.012	U		0.015			<0.0067	U		<0.0066	U		<0.029	U		<0.0053	U		<0.0048	U			
	VMP-14-11.5-073021	7/30/2021	<0.016	U		<0.012	U		0.0071	J		<0.0067	U		<0.0066	U		<0.029	U		<0.0052	U		<0.0048	U			
	VMP-14-11.5-102921	10/29/2021	<0.016	U		<0.012	U		0.0086	J		<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.0049	U			
20 ft	VMP-14-20-012721	1/27/2021	<0.019	U		0.0013	J		0.005	J		<0.008	U		<0.0079	U		<0.034	U		<0.0062	U		<0.0057	U			
	VMP-14-20-051021	5/10/2021	<0.018	U		0.0012	J		0.0098	J		<0.0075	U		<0.0074	U		<0.032	U		<0.0059	U		<0.0054	U			
	VMP-14-20-051021-DUP	5/10/2021	<0.017	U		<0.012	U		0.0082	J		<0.0071	U		<0.007	U		<0.03	U		<0.0055	U		<0.0051	U			
	VMP-14-20-073021	7/30/2021	<0.017	U		<0.012	U		0.016			<0.0071	U		<0.007	U		<0.03	U		<0.0055	U		<0.0051	U			
29 ft	VMP-14-20-102921	10/29/2021	<0.017	U		<0.012	U		0.011			<0.0071	U		<0.007	U		<0.031	U		<0.0056	U		<0.0051	U			
	VMP-14-29-012721	1/27/2021	<0.02	U		<0.015	U		0.012			<0.0086	U		<0.0085	U		<0.037	U		<0.0067	U		<0.0062	U			
VMP-15	5 ft	VMP-14-29-102921	10/29/2021	<0.018	U		<0.013	U		0.05		<0.0073	U		<0.0072	U		<0.032	U		<0.0058	U		<0.0052	U			
		VMP-15-5-012821	1/28/2021	<0.017	U		<0.012	U		0.021			<0.007	U		<0.007	U		<0.03	U		<0.0055	U		<0.005	U		
		VMP-15-5-051121	5/11/2021	<0.016	U		<0.012	U		0.0096	J		<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.005	U		
		VMP-15-5-072821	7/28/2021	<0.018	U		<0.013	U		<0.011	U		<0.0075	U		<0.0074	U		<0.032	U		<0.0059	U		<0.0054	U		
	21.5 ft	VMP-15-5-102721	10/27/2021	<0.017	U		<0.012	U		0.018			<0.0071	U		<0.007	U		<0.03	U		<0.0055	U		<0.0051	U		
		VMP-15-21.5-012821	1/28/2021	<0.022	U		<0.016	U		0.007	J		<0.0092	U		0.0032	J		<0.04	U		0.0011	J		<0.0066	U		
		VMP-15-21.5-051121	5/11/2021	<0.083	U		0.014	J		0.015	J		<0.035	U		<0.034	U		<0.15	U		<0.027	U		<0.025	U		
		VMP-15-21.5-072821	7/28/2021	<0.017	U		0.027			0.012			<0.0073	U		<0.0072	U		<0.031	U		<0.0057	U		<0.0052	U		
	25.5 ft	VMP-15-21.5-102721	10/27/2021	<0.03	U		<0.021	U		<0.018	U		<0.012	U		<0.012	U		<0.054	U		<0.0097	U		<0.0089	U		
		VMP-15-25.5-012821	1/28/2021	<0.02	U		<0.014	U		0.017			<0.0082	U		<0.0081	U		<0.035	U		<0.0064	U		<0.0059	U		
		VMP-15-25.5-051121	5/11/2021	<0.31	U		0.076	J		0.024	J		<0.13	U		<0.13	U		<0.56	U		<0.1	U		<0.093	U		
		VMP-15-25.5-072821	7/28/2021	<0.18	U		0.054	J		0.012	J		<0.077	U		<0.076	U		<0.33	U		<0.06	U		0.042	J		
VMP-15-25.5-102721	10/27/2021	<0.017	U		<0.012	U		0.026			<0.0072	U		<0.0072	U		<0.031	U		<0.0057	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	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			1,1,2,2-Tetrachloroethane			Tetrachloroethene			1,2,4-Trichlorobenzene			Trichloroethene			1,2,4-Trimethylbenzene		
				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-16	5 ft	VMP-16-5-012921	1/29/2021	<0.021	U		0.0035	J		0.0078	J		<0.0088	U		<0.0088	U		<0.038	U		<0.0069	U		<0.0063	U	
		VMP-16-5-012921-DUP	1/29/2021	<0.022	U		<0.016	U		0.01	J		<0.0091	U		<0.009	U		<0.039	U		<0.0071	U		<0.0065	U	
		VMP-16-5-051121	5/11/2021	<0.017	U		<0.012	U		0.012	J		<0.0071	U		0.0021	J		<0.03	U		<0.0055	U		<0.0051	U	
		VMP-16-5-051121-DUP	5/11/2021	<0.017	U		<0.012	U		0.013	J		<0.0072	U		0.0025	J		<0.031	U		<0.0056	U		<0.0052	U	
		VMP-16-5-072721	7/27/2021	<0.018	U		<0.013	U		0.046	J		<0.0075	U		0.0074	J		<0.032	U		<0.0059	U		<0.0054	U	
		VMP-16-5-072721-DUP	7/27/2021	<0.018	U		<0.013	U		0.024	J		<0.0074	U		0.0074	J		<0.032	U		<0.0058	U		<0.0053	U	
	VMP-16-5-102621	10/26/2021	<0.018	U		<0.013	U		0.017	J		<0.0076	U		0.0037	J		<0.033	U		<0.0059	U		<0.0054	U		
	VMP-16-5-102621-DUP	10/26/2021	<0.017	U		<0.012	U		0.027	J		<0.0071	U		0.0037	J		<0.031	U		<0.0056	U		<0.0051	U		
	13.5 ft	VMP-16-13.5-012921	1/29/2021	<12	U		500	J		12	J		<5.2	U		<5.1	U		<22	U		<4.1	U		<3.7	U	
		VMP-16-13.5-051121	5/11/2021	<1.2	U		58	J		<0.71	U		<0.49	U		<0.49	U		<2.1	U		<0.39	U		0.097	J	
		VMP-16-13.5-072721	7/27/2021	<0.17	U		230	J	J	0.026	J	J	<0.073	U		<0.072	U		<0.31	U		<0.057	U		0.036	J	J
		VMP-16-13.5-102621	10/26/2021	<4.3	U		130	J		<2.6	U		<1.8	U		<1.8	U		<7.7	U		<1.4	U		<1.3	U	
	19 ft	VMP-16-19-012921	1/29/2021	<20	U		690	J		29	J		<8.6	U		<8.5	U		<37	U		<6.7	U		<6.1	U	
		VMP-16-19-051121	5/11/2021	<8.9	U		1600	J		<5.4	U		<3.7	U		<3.7	U		<16	U		<2.9	U		2.3	J	
		VMP-16-19-072721	7/27/2021	<8.6	U		1500	J		<5.2	U		<3.6	U		<3.6	U		<16	U		<2.8	U		2.6	J	
		VMP-16-19-102621	10/26/2021	<8.3	U		1400	J		2.7	J		<3.5	U		<3.4	U		<15	U		<2.7	U		1	J	
31 ft	VMP-16-31-012921	1/29/2021	<30	U		1800	J		25	J		<12	U		<12	U		<54	U		<9.9	U		<9	U		
	VMP-16-31-051121	5/11/2021	<8.5	U		16000	J		<5.1	U		<3.6	U		<3.5	U		<15	U		<2.8	U		100	J		
	VMP-16-31-072721	7/27/2021	<17	U		4600	J		6.2	J		<7.3	U		<7.2	U		<32	U		<5.7	U		11	J		
	VMP-16-31-102621	10/26/2021	<20	U		2500	J		6.7	J		<8.3	U		<8.2	U		<36	U		<6.5	U		19	J		
VMP-17	5 ft	VMP-17-5-012821	1/28/2021	<0.018	U		<0.013	U		0.004	J		<0.0074	U		<0.0073	U		<0.032	U		<0.0058	U		<0.0053	U	
		VMP-17-5-050621	5/6/2021	<0.016	U		<0.012	U		0.0042	J		<0.0069	U		0.041	J		<0.03	U		0.0021	J		<0.005	U	
		VMP-17-5-072721	7/27/2021	<0.018	U		<0.013	U		<0.011	U		<0.0074	U		<0.0073	U		<0.032	ND,UJ	UJ	<0.0058	U		<0.0053	U	
		VMP-17-5-102721	10/27/2021	<0.016	U		<0.012	U		0.032	J		<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.005	U	
VMP-25	5 ft	VMP-25-5-012621	1/26/2021	<0.019	U		0.0022	J		0.0061	J	J	<0.0082	U		<0.0081	U		<0.035	U		<0.0064	U		<0.0058	U	
		VMP-25-5-012621-DUP	1/26/2021	<0.02	U		0.0039	J		0.048	J	J	<0.0085	U		<0.0084	U		<0.037	U		<0.0066	U		<0.0061	U	
		VMP-25-5-102721	10/27/2021	<0.017	U		<0.012	U		0.037	J		<0.0071	U		<0.007	U		<0.031	U		<0.0056	U		<0.0051	U	
		VMP-25-5-102721-DUP	10/27/2021	<0.017	U		<0.012	U		0.017	J		<0.0071	U		<0.007	U		<0.031	U		<0.0056	U		<0.0051	U	
VMP-29	10 ft	VMP-29-10-012721	1/27/2021	<0.02	U		0.0038	J		0.0047	J		<0.0083	U		<0.0082	U		<0.036	U		<0.0065	U		<0.006	U	
		VMP-29-10-051021	5/10/2021	<0.015	U		<0.011	U		0.01	J		<0.0065	U		<0.0064	U		<0.028	U		<0.0051	U		<0.0046	U	
		VMP-29-10-072821	7/28/2021	<0.016	U		<0.012	U		<0.0099	U		<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.005	U	
		VMP-29-10-102921	10/29/2021	<0.017	U		<0.012	U		0.015	J		<0.0071	U		<0.007	U		<0.031	U		<0.0056	U		<0.0051	U	
	18 ft	VMP-29-18-012721	1/27/2021	<0.02	U		0.0034	J		0.0084	J		<0.0082	U		<0.0081	U		<0.036	U		<0.0064	U		<0.0059	U	
		VMP-29-18-051021	5/10/2021	<0.022	U		<0.016	U		0.02	J		<0.0092	U		<0.0091	U		<0.04	U		<0.0072	U		<0.0066	U	
		VMP-29-18-072821	7/28/2021	<0.13	U		<0.092	U		0.025	J		<0.054	U		<0.053	U		<0.23	U		<0.042	U		<0.038	U	
		VMP-29-18-102921	10/29/2021	<0.018	U		<0.013	U		0.025	J		<0.0077	U		<0.0076	U		<0.033	U		<0.006	U		<0.0055	U	
	26 ft	VMP-29-26-012721	1/27/2021	<0.017	U		<0.012	U		0.0063	J		<0.0071	U		<0.007	U		<0.03	U		<0.0055	U		<0.0051	U	
		VMP-29-26-051021	5/10/2021	<0.016	U		<0.012	U		0.014	J		<0.0067	U		<0.0066	U		<0.029	U		<0.0052	U		<0.0048	U	
		VMP-29-26-051021-DUP	5/10/2021	<0.016	U		<0.012	U		0.024	J		<0.0069	U		0.0027	J		<0.03	U		<0.0054	U		<0.005	U	
		VMP-29-26-072821	7/28/2021	<0.017	U		<0.012	U		<0.01	U		<0.0072	U		<0.0072	U		<0.031	U		<0.0057	U		<0.0052	U	
VMP-29-26-102921	10/29/2021	<0.017	U		<0.012	U		0.0057	J		<0.007	U		<0.0069	U		<0.03	U		<0.0054	U		<0.005	U			
VMP-30	10 ft	VMP-30-10-012721	1/27/2021	<0.017	U		0.0026	J		0.0062	J		<0.0073	U		0.0018	J		<0.031	U		<0.0057	U		<0.0052	U	
		VMP-30-10-012721-DUP	1/27/2021	<0.018	U		<0.013	U		0.0063	J		<0.0076	U		0.0059	J		0.0047	J		<0.0059	U		<0.0054	U	
		VMP-30-10-051021	5/10/2021	<0.016	U		<0.012	U		0.025	J		<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.0049	U	
		VMP-30-10-072821	7/28/2021	<0.018	U		<0.013	U		<0.011	U		<0.0074	U		<0.0073	U		<0.032	U		<0.0058	U		<0.0053	U	
	VMP-30-10-102921	10/29/2021	<0.016	U		<0.012	U		0.016	J		<0.0069	U		0.0044	J		<0.03	U		<0.0054	U		<0.0049	U		
	18 ft	VMP-30-18-012721	1/27/2021	<0.019	U		0.0032	J		0.016	J		<0.0081	U		<0.008	U		<0.035	U		<0.0064	U		<0.0058	U	
		VMP-30-18-051021	5/10/2021	<0.016	U		<0.012	U		0.011	J		<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		<0.005	U	
		VMP-30-18-072821	7/28/2021	<0.069	U		<0.05	U		0.016																	

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			1,1,2,2-Tetrachloroethane			Tetrachloroethene			1,2,4-Trichlorobenzene			Trichloroethene			1,2,4-Trimethylbenzene		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (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-41-10-012721	1/27/2021	<0.019	U		<0.014	U		0.0044	J		<0.0079	U		<0.0078	U		<0.034	U		<0.0062	U		<0.0056	U	
		VMP-41-10-050621	5/6/2021	<0.017	U		<0.012	U		0.0054	J		<0.0072	U		<0.0071	U		<0.031	U		<0.0056	U		<0.0052	U	
		VMP-41-10-072821	7/28/2021	<0.017	U		<0.012	U		0.018			<0.0073	U		<0.0072	U		<0.032	U		<0.0057	U		<0.0052	U	
		VMP-41-10-072821-DUP	7/28/2021	<0.017	U		<0.012	U		0.02			<0.0072	U		<0.0071	U		<0.031	U		<0.0056	U		<0.0051	U	
		VMP-41-10-102921	10/29/2021	<0.019	U		<0.014	U		0.026			<0.0081	U		<0.008	U		<0.035	U		<0.0063	U		<0.0058	U	
	20 ft	VMP-41-20-012721	1/27/2021	<0.02	U		0.0041	J		0.038			<0.0083	U		0.0016	J		<0.036	U		<0.0065	U		<0.0059	U	
		VMP-41-20-050621	5/6/2021	<0.016	U		0.0045	J		0.026			<0.0065	U		0.0014	J		<0.028	U		<0.0051	U		<0.0047	U	
		VMP-41-20-072821	7/28/2021	<0.017	U		<0.012	U		0.015			<0.0072	U		<0.0071	U		<0.031	U		<0.0056	U		<0.0052	U	
		VMP-41-20-102921	10/29/2021	<0.017	U		<0.012	U		0.025			<0.0072	U		<0.0071	U		<0.031	U		<0.0056	U		0.005	J	
	26 ft	VMP-41-26-012721	1/27/2021	<0.019	U		<0.014	U		0.0088	J		<0.0081	U		<0.008	U		<0.035	U		<0.0063	U		<0.0058	U	
		VMP-41-26-050621	5/6/2021	<0.017	U		<0.012	U		0.0011	J		<0.0072	U		<0.0071	U		<0.031	U		<0.0056	U		<0.0052	U	
		VMP-41-26-072821	7/28/2021	<0.016	U		<0.012	U		0.0057	J		<0.0069	U		<0.0068	U		<0.03	U		<0.0054	U		0.00054	J	
VMP-41-26-102921		10/29/2021	<0.018	U		<0.013	U		0.0079	J		<0.0076	U		<0.0075	U		<0.033	U		<0.0059	U		<0.0054	U		
VMP-55	20 ft	VMP-55-20-012821	1/28/2021	<0.19	U		0.81			<0.11	U		<0.079	U		<0.078	U		<0.34	U		<0.062	U		<0.056	U	
		VMP-55-20-051121	5/11/2021	<8.2	U		830			<4.9	U		<3.4	U		<3.4	U		<15	U		<2.7	U		<2.4	U	
		VMP-55-20-072821	7/28/2021	<9	U		1500			<5.4	U		<3.8	U		<3.7	U		<16	ND,UJ	UJ	<3	U		<2.7	U	
		VMP-55-20-102721	10/27/2021	<6	U		1800		J	<3.6	U		<2.5	U		0.96	J	J	<11	U		<2	U		<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	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	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
VMP-10	5 ft	VMP-10-5-012721	1/27/2021	<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-10-5-050721	5/7/2021	<0.0053	U		0.0032	J		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-10-5-072821	7/28/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-10-5-102921	10/29/2021	<0.0052	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
	10 ft	VMP-10-10-012721	1/27/2021	<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-10-10-050721	5/7/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-10-10-072821	7/28/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
	20 ft	VMP-10-10-102921	10/29/2021	<0.0049	U		<0.0047	U		<0.0026	U		<0.0043	U		<0.0043	U	
		VMP-10-20-012721	1/27/2021	<0.0059	U		<0.0056	U		<0.0031	U		0.00031	J		<0.0052	U	
		VMP-10-20-050721	5/7/2021	<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
VMP-10-20-072821		7/28/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U		
		VMP-10-20-102921	10/29/2021	<0.005	U		<0.0048	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-10-20-102921-DUP	10/29/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
VMP-11	5 ft	VMP-11-5-012721	1/27/2021	<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-11-5-051021	5/10/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-11-5-072921	7/29/2021	<0.0049	U		0.0019	J		<0.0026	U		<0.0043	U		<0.0043	U	
		VMP-11-5-072921-DUP	7/29/2021	<0.0049	U		0.0013	J		<0.0026	U		<0.0043	U		<0.0043	U	
		VMP-11-5-110121	11/1/2021	<0.0048	U		<0.0046	U		<0.0025	U		<0.0042	U		<0.0042	U	
	8 ft	VMP-11-8-012721	1/27/2021	<0.0056	U		<0.0054	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-11-8-051021	5/10/2021	<0.0049	U		0.0028	J		<0.0025	U		<0.0043	U		<0.0043	U	
		VMP-11-8-072921	7/29/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0047	U		<0.0047	U	
		VMP-11-8-110121	11/1/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
	29 ft	VMP-11-29-012721	1/27/2021	<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-11-29-051021	5/10/2021	<0.0049	U		<0.0047	U		<0.0026	U		<0.0043	U		<0.0043	U	
		VMP-11-29-072921	7/29/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-11-29-110121	11/1/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
	38 ft	VMP-11-29-110121-DUP	11/1/2021	<0.0049	U		<0.0046	U		<0.0025	U		<0.0043	U		<0.0043	U	
VMP-11-38-072921		7/29/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0047	U		<0.0047	U		
		VMP-11-38-110121	11/1/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
VMP-12	5 ft	VMP-12-5-012821	1/28/2021	<0.006	U		<0.0057	U		<0.0031	U		<0.0053	J	U	<0.0053	U	
		VMP-12-5-012821-DUP	1/28/2021	<0.0058	U		<0.0055	U		<0.003	U		<0.0051	J	U	<0.0051	U	
		VMP-12-5-051121	5/11/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-12-5-072721	7/27/2021	<0.005	U		<0.0048	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-12-5-072721-DUP	7/27/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-12-5-102621	10/26/2021	0.0019	J		0.015			<0.0028	U		0.0081			0.0035	J	
	11.5 ft	VMP-12-11.5-012821	1/28/2021	<0.0056	U		0.0017	J		<0.0029	U		<0.005	U		<0.005	U	
		VMP-12-11.5-051121	5/11/2021	<0.0051	U		<0.0049	U		<0.0027	U		<0.0045	U		<0.0045	U	
		VMP-12-11.5-072721	7/27/2021	<0.0051	U		<0.0049	U		<0.0027	U		<0.0045	U		<0.0045	U	
		VMP-12-11.5-102621	10/26/2021	<0.0052	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
	25 ft	VMP-12-25-012821	1/28/2021	<0.12	U		8.2			<0.06	U		<0.1	U		<0.1	U	
		VMP-12-25-051121	5/11/2021	1.5	J		80			<1.3	U		0.77	J		<2.2	U	
VMP-12-25-072721		7/27/2021	4.3			230			<0.68	U		17			1.1	J		
VMP-12-25-102621		10/26/2021	1	J		270			<1.4	U		4.7	CN	J	1.1	J		
39 ft	VMP-12-39-012821	1/28/2021	<30	U		910			<16	U		<26	U		<26	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	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	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
VMP-13	5 ft	VMP-13-5-012721	1/27/2021	<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-13-5-051021	5/10/2021	<0.0049	U		<0.0047	U		<0.0026	U		<0.0043	U		<0.0043	U	
		VMP-13-5-073021	7/30/2021	<0.0052	U		<0.005	U		<0.0027	U		0.00072	J		<0.0046	U	
		VMP-13-5-102921	10/29/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
	10.5 ft	VMP-13-10.5-012721	1/27/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-13-10.5-051021	5/10/2021	<0.0045	U		0.00091	J		<0.0023	U		<0.004	U		<0.004	U	
		VMP-13-10.5-073021	7/30/2021	<0.005	U		<0.0048	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-13-10.5-102921	10/29/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
	21.5 ft	VMP-13-21.5-012721	1/27/2021	<0.0056	U		0.00068	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-13-21.5-051021	5/10/2021	<0.0048	U		<0.0046	U		<0.0025	U		<0.0042	U		<0.0042	U	
		VMP-13-21.5-073021	7/30/2021	<0.0049	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-13-21.5-102921	10/29/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
	29.5 ft	VMP-13-21.5-102921-DUP	10/29/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-13-29.5-012721	1/27/2021	<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-13-29.5-051021	5/10/2021	<0.0049	U		<0.0046	U		<0.0025	U		0.0012	J		<0.0043	U	
		VMP-13-29.5-073021	7/30/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
29.5 ft	VMP-13-29.5-073021-DUP	7/30/2021	<0.005	U		<0.0048	U		<0.0026	U		<0.0044	U		<0.0044	U		
	VMP-13-29.5-102921	10/29/2021	<0.005	U		<0.0048	U		<0.0026	U		<0.0044	U		<0.0044	U		
	VMP-14-5-012721	1/27/2021	<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U		
	VMP-14-5-051021	5/10/2021	0.007			0.00077	J		<0.0026	U		0.052			0.016			
VMP-14	5 ft	VMP-14-5-073021	7/30/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-14-5-102921	10/29/2021	<0.005	U		<0.0048	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-14-11.5-012721	1/27/2021	<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-14-11.5-051021	5/10/2021	<0.0048	U		<0.0046	U		<0.0025	U		<0.0042	U		<0.0042	U	
	11.5 ft	VMP-14-11.5-073021	7/30/2021	<0.0048	U		<0.0046	U		<0.0025	U		<0.0042	U		<0.0042	U	
		VMP-14-11.5-102921	10/29/2021	<0.0049	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-14-20-012721	1/27/2021	<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-14-20-051021	5/10/2021	<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
	20 ft	VMP-14-20-051021-DUP	5/10/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-14-20-073021	7/30/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-14-20-102921	10/29/2021	<0.0051	U		0.0026	J		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-14-29-012721	1/27/2021	<0.0062	U		<0.0059	U		<0.0032	U		<0.0054	U		<0.0054	U	
	29 ft	VMP-14-29-102921	10/29/2021	<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-15-5-012821	1/28/2021	<0.005	U		<0.0048	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-15-5-051121	5/11/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-15-5-072821	7/28/2021	<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
VMP-15	5 ft	VMP-15-5-102721	10/27/2021	<0.0051	U		0.011			<0.0026	U		0.0025	J		<0.0045	U	
		VMP-15-21.5-012821	1/28/2021	<0.0066	U		0.0018	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-15-21.5-051121	5/11/2021	<0.025	U		6.5			<0.013	U		<0.022	U		<0.022	U	
		VMP-15-21.5-072821	7/28/2021	<0.0052	U		0.88			<0.0027	U		<0.0046	U		<0.0046	U	
	21.5 ft	VMP-15-21.5-102721	10/27/2021	<0.0089	U		<0.0084	U		<0.0046	U		<0.0078	U		<0.0078	U	
		VMP-15-25.5-012821	1/28/2021	<0.0059	U		0.0011	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-15-25.5-051121	5/11/2021	<0.093	U		14			<0.048	U		<0.082	U		<0.082	U	
		VMP-15-25.5-072821	7/28/2021	<0.055	U		9.9			<0.029	U		0.046	J		0.026	J	
	25.5 ft	VMP-15-25.5-102721	10/27/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	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	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	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
VMP-16	5 ft	VMP-16-5-012921	1/29/2021	<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-16-5-012921-DUP	1/29/2021	<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-16-5-051121	5/11/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-16-5-051121-DUP	5/11/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-16-5-072721	7/27/2021	<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-16-5-072721-DUP	7/27/2021	<0.0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-16-5-102621	10/26/2021	<0.0054	U		<0.0052	U		<0.0028	U		0.0054			0.0019	J	
	VMP-16-5-102621-DUP	10/26/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U		
	13.5 ft	VMP-16-13.5-012921	1/29/2021	<3.7	U		1100			<1.9	U		1.5	J		<3.3	U	
		VMP-16-13.5-051121	5/11/2021	<0.35	U		610			<0.18	U		0.2	J		0.12	J	
		VMP-16-13.5-072721	7/27/2021	<0.052	U		360	S		<0.027	U		<0.046	U		0.049		J
		VMP-16-13.5-102621	10/26/2021	<1.3	U		890			<0.66	U		<1.1	U		<1.1	U	
19 ft	VMP-16-19-012921	1/29/2021	<6.1	U		1700			<3.2	U		3.2	J		1.1	J		
	VMP-16-19-051121	5/11/2021	<2.7	U		1800			<1.4	U		<2.4	U		0.38	J		
	VMP-16-19-072721	7/27/2021	<2.6	U		1400			<1.3	U		0.86	J		0.3	J		
	VMP-16-19-102621	10/26/2021	<2.5	U		1600			<1.3	U		2.7	CN	J	<2.2	U		
31 ft	VMP-16-31-012921	1/29/2021	<9	U		1700			<4.7	U		4.6	J		<8	U		
	VMP-16-31-051121	5/11/2021	37			8800			<1.3	U		1100			350			
	VMP-16-31-072721	7/27/2021	6.6			3900			<2.7	U		290	CN	J	82			
	VMP-16-31-102621	10/26/2021	11			4400			<3.1	U		490	CN	J	140			
VMP-17	5 ft	VMP-17-5-012821	1/28/2021	<0.0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-17-5-050621	5/6/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-17-5-072721	7/27/2021	<0.0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-17-5-102721	10/27/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
VMP-25	5 ft	VMP-25-5-012621	1/26/2021	<0.0058	U		0.0036	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-25-5-012621-DUP	1/26/2021	<0.0061	U		0.0044	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-25-5-102721	10/27/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-25-5-102721-DUP	10/27/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
VMP-29	10 ft	VMP-29-10-012721	1/27/2021	<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-29-10-051021	5/10/2021	<0.0046	U		0.0018	J		<0.0024	U		<0.0041	U		<0.0041	U	
		VMP-29-10-072821	7/28/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-29-10-102921	10/29/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
	18 ft	VMP-29-18-012721	1/27/2021	<0.0059	U		<0.0056	U		<0.0031	U		0.0011	J		<0.0052	U	
		VMP-29-18-051021	5/10/2021	<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-29-18-072821	7/28/2021	<0.038	U		<0.036	U		<0.02	U		<0.034	U		<0.034	U	
		VMP-29-18-102921	10/29/2021	<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
	26 ft	VMP-29-26-012721	1/27/2021	<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-29-26-051021	5/10/2021	<0.0048	U		<0.0046	U		<0.0025	U		<0.0042	U		<0.0042	U	
VMP-29-26-051021-DUP		5/10/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U		
VMP-29-26-072821		7/28/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U		
VMP-29-26-102921	10/29/2021	<0.005	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U			
VMP-30	10 ft	VMP-30-10-012721	1/27/2021	<0.0052	U		0.006			<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-30-10-012721-DUP	1/27/2021	<0.0054	U		0.0055			<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-30-10-051021	5/10/2021	<0.0049	U		<0.0047	U		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-30-10-072821	7/28/2021	<0.0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-30-10-102921	10/29/2021	<0.0049	U		<0.0047	U		<0.0026	U		<0.0043	U		<0.0043	U	
	18 ft	VMP-30-18-012721	1/27/2021	<0.0058	U		<0.0055	U		<0.003	U		0.00073	J		<0.0051	U	
		VMP-30-18-051021	5/10/2021	<0.005	U		0.00066	J		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-30-18-072821	7/28/2021	<0.021	U		<0.02	U		<0.011	U		<0.018	U		<0.018	U	
		VMP-30-18-072821-DUP	7/28/2021	<0.021	U		<0.02	U		<0.011	U		<0.018	U		<0.018	U	
		VMP-30-18-102921	10/29/2021	<0.0052	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
	26 ft	VMP-30-26-012721	1/27/2021	<0.0059	U		<0.0056	U		<0.0031	U		0.00069	J		<0.0052	U	
		VMP-30-26-051021	5/10/2021	<0.0046	U		<0.0044	U		<0.0024	U		<0.0041	U		<0.0041	U	
VMP-30-26-051021-DUP		5/10/2021	<0.0047	U		<0.0045	U		<0.0024	U		<0.0041	U		<0.0041	U		
VMP-30-26-072821		7/28/2021	<0.0052	U		<0.005	U		<0.0027	U		0.00098	J		<0.0046	U		
VMP-30-26-102921	10/29/2021	<0.0048	U		<0.0045	U		<0.0025	U		<0.0042	U		<0.0042	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	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	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
VMP-41	10 ft	VMP-41-10-012721	1/27/2021	<0.0056	U		<0.0054	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-41-10-050621	5/6/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-41-10-072821	7/28/2021	<0.0052	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-41-10-072821-DUP	7/28/2021	<0.0051	U		<0.0049	U		<0.0027	U		<0.0045	U		<0.0045	U	
		VMP-41-10-102921	10/29/2021	<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
	20 ft	VMP-41-20-012721	1/27/2021	<0.0059	U		<0.0056	U		<0.0031	U		0.00064	J		<0.0052	U	
		VMP-41-20-050621	5/6/2021	<0.0047	U		<0.0044	U		<0.0024	U		<0.0041	U		<0.0041	U	
		VMP-41-20-072821	7/28/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-41-20-102921	10/29/2021	0.0018	J		0.0069			<0.0027	U		0.006			0.0024	J	
	26 ft	VMP-41-26-012721	1/27/2021	<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-41-26-050621	5/6/2021	<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-41-26-072821	7/28/2021	<0.0049	U		<0.0047	U		<0.0026	U		<0.0043	U		<0.0043	U	
VMP-41-26-102921		10/29/2021	<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U		
VMP-55	20 ft	VMP-55-20-012821	1/28/2021	<0.056	U		57			<0.029	U		<0.05	U		<0.05	U	
		VMP-55-20-051121	5/11/2021	<2.4	U		260			<1.3	U		<2.2	U		<2.2	U	
		VMP-55-20-072821	7/28/2021	<2.7	U		260			<1.4	U		<2.4	U		<2.4	U	
		VMP-55-20-102721	10/27/2021	<1.8	U		380		J	<0.93	U		<1.6	U		<1.6	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.

Bold results are detections above the RL, or estimated detections between the MDL and RL.

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 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-1-5-012921	1/29/2021	0.16			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			21		
		VMP-1-5-050521	5/5/2021	0.25			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-1-5-072621	7/26/2021	0.69			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-1-5-102621	10/26/2021	0.44			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			20		
	8.5 ft	VMP-1-8.5-012921	1/29/2021	0.22			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-1-8.5-050521	5/5/2021	0.24			<0.022	U		<0.0022	U		<0.0022	U		0.024	J		<0.00022	U		80			20		
		VMP-1-8.5-072621	7/26/2021	0.56			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
	23.5 ft	VMP-1-8.5-102621	10/26/2021	0.41			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			20		
		VMP-1-23.5-012921	1/29/2021	0.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			21		
		VMP-1-23.5-012921-DUP	1/29/2021	0.64			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			21		
	38.5 ft	VMP-1-23.5-072621	7/26/2021	0.61			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
		VMP-1-23.5-102621	10/26/2021	0.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			21		
VMP-1-38.5-012921		1/29/2021	1.4			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20			
VMP-1-38.5-050521		5/5/2021	0.21			<0.022	U		<0.0022	U		<0.0022	U		0.017	J		<0.00022	U		79			21			
VMP-2	5 ft	VMP-1-38.5-072621	7/26/2021	0.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-1-38.5-102621	10/26/2021	0.38			<0.025	U		<0.0025	U		<0.0025	U		0.011	J		<0.00025	U		79			21		
		VMP-2-5-012521	1/25/2021	1.5			<0.026	U		<0.0026	U		<0.0026	U		0.052	J		<0.00026	U		78			20		
		VMP-2-5-050721	5/7/2021	1.2			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		81			18		
VMP-2	8.5 ft	VMP-2-5-072921	7/29/2021	0.2			<0.022	U		<0.0022	U		<0.0022	U		0.0096	J		0.00017	J		80			20		
		VMP-2-5-102521	10/25/2021	0.18			<0.021	U		<0.0021	U		<0.0021	U		0.0079	J		0.00016	J		79			21		
		VMP-2-8.5-012521	1/25/2021	1.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			20		
	22 ft	VMP-2-8.5-050721	5/7/2021	1.4			<0.021	U		<0.0021	U		<0.0021	U		0.026	J		<0.00021	U		80			19		
		VMP-2-8.5-072921	7/29/2021	0.68			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0002	J		79			20		
		VMP-2-8.5-102521	10/25/2021	0.39			<0.022	U		<0.0022	U		<0.0022	U		0.0045	J		0.00019	J		79			21		
VMP-3	5 ft	VMP-2-22-012521	1/25/2021	3.2			<0.025	U		<0.0025	U		<0.0025	U		0.0046	J		<0.00025	U		78			19		
		VMP-2-22-050721	5/7/2021	1.6			<0.021	U		<0.0021	U		<0.0021	U		0.0054	J		<0.00021	U		80			18		
		VMP-2-22-072921	7/29/2021	1.3			<0.023	U		<0.0023	U		<0.0023	U		0.073	J		0.00062			80			19		
		VMP-2-22-102521	10/25/2021	0.74			<0.021	U		<0.0021	U		<0.0021	U		0.12			0.00022			79			20		
VMP-3	5 ft	VMP-3-5-012521	1/25/2021	0.042			<0.027	U		<0.0027	U		<0.0027	U		0.021	J		<0.00027	U		79			21		
		VMP-3-5-051021	5/10/2021	0.53			<0.02	U		<0.002	U		<0.002	U		0.22			0.000085	J		79			20		
		VMP-3-5-072721	7/27/2021	2			<0.024	U		<0.0024	U		<0.0024	U		0.087	J		0.00013	J		79			19		
		VMP-3-5-102721	10/27/2021	0.31			<0.02	U		<0.002	U		<0.002	U		0.016	J		0.0002	J		80			20		
	10 ft	VMP-3-10-051021	5/10/2021	0.5			<0.02	U		<0.002	U		<0.002	U		0.37			0.00016	J		79			20		
		VMP-3-10-072721	7/27/2021	2			<0.022	U		<0.0022	U		<0.0022	U		1.1			<0.00022	U		80			18		
		VMP-3-10-102721	10/27/2021	0.46			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		0.00019	J		80			20		
	22 ft	VMP-3-22-012521	1/25/2021	0.43			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			21		
		VMP-3-22-051021	5/10/2021	0.53			<0.02	U		<0.002	U		<0.002	U		0.011	J		<0.0002	U		79			20		
		VMP-3-22-051021-DUP	5/10/2021	0.54			<0.02	U		<0.002	U		<0.002	U		0.011	J		<0.0002	U		79			20		
		VMP-3-22-072721	7/27/2021	1.8			<0.036	U		<0.0036	U		<0.0036	U		0.066	J		<0.00036	U		79			19		
	31.5 ft	VMP-3-22-102721	10/27/2021	2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			19		
VMP-3-31.5-012521		1/25/2021	4.4			<0.026	U		<0.0026	U		<0.0026	U		0.15			<0.00026	U		77			18			
VMP-3-31.5-051021		5/10/2021	2.2			<0.02	U		<0.002	U		<0.002	U		<0.099	U		0.00011	J		80			18			
VMP-3-31.5-072721		7/27/2021	14			<0.023	U		0.000082	J		<0.0023	U		<0.11	U		0.43			82			3.3			
VMP-3-31.5-102721	10/27/2021	9.6			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.00032			82			8.5				

**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-4-5-012821	1/28/2021	0.066			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.0001	J		79			21			
		VMP-4-5-050521	5/5/2021	0.24			<0.021	U		<0.0021	U		<0.0021	U		0.1	J		0.000099	J		79			21			
		VMP-4-5-072921	7/29/2021	1.4			<0.022	U		<0.0022	U		<0.0022	U		0.16			<0.00022	U		80			19			
		VMP-4-5-102521	10/25/2021	0.56			<0.019	U		<0.0019	U		<0.0019	U		<0.096	U		<0.00019	U		79			20			
	12 ft	VMP-4-12-012821	1/28/2021	0.096			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21			
		VMP-4-12-050521	5/5/2021	0.42			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			21			
		VMP-4-12-072921	7/29/2021	2.5			<0.021	U		<0.0021	U		<0.0021	U		0.0059	J		0.000087	J		80			17			
		VMP-4-12-102521	10/25/2021	3			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.0002	J		79			18			
	23.5 ft	VMP-4-23.5-012821	1/28/2021	1.9			<0.024	U		<0.0024	U		<0.0024	U		0.027	J		<0.00024	U		78			20			
		VMP-4-23.5-050521	5/5/2021	1			<0.022	U		<0.0022	U		<0.0022	U		0.0073	J		<0.00022	U		79			20			
VMP-4-23.5-072921		7/29/2021	1.3			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.000098	J		81			18				
VMP-4-23.5-102521		10/25/2021	3.5			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		80			16				
VMP-5	5 ft	VMP-5-5-012221	1/22/2021	0.068			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00018	J		78			22			
		VMP-5-5-050621	5/6/2021	0.098			<0.02	U		<0.002	U		<0.002	U		0.027	J		0.00015	J		80			20			
		VMP-5-5-072821	7/28/2021	0.36			<0.023	U		<0.0023	U		<0.0023	U		0.0068	J		0.00012	J		80			20			
		VMP-5-5-102521	10/25/2021	0.33			<0.021	U		<0.0021	U		<0.0021	U		0.0097	J		0.00014	J		79			21			
	12.5 ft	VMP-5-12.5-012221	1/22/2021	0.4			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			21			
		VMP-5-12.5-050621	5/6/2021	0.34			<0.021	U		<0.0021	U		<0.0021	U		0.017	J		<0.00021	U		80			20			
		VMP-5-12.5-050621-DUP	5/6/2021	0.35			<0.022	U		<0.0022	U		<0.0022	U		0.011	J		<0.00022	U		80			20			
		VMP-5-12.5-072821	7/28/2021	1.3			<0.023	U		<0.0023	U		<0.0023	U		0.11			<0.00023	U		80			19			
		VMP-5-12.5-072821-DUP	7/28/2021	1.3			<0.023	U		<0.0023	U		<0.0023	U		0.11	J		<0.00023	U		80			19			
		VMP-5-12.5-102521	10/25/2021	2			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			19			
	31 ft	VMP-5-31-012221	1/22/2021	1.6			<0.024	U		<0.0024	U		<0.0024	U		0.011	J		0.00041			78			20			
		VMP-5-31-050621	5/6/2021	1.1			<0.02	U		<0.002	U		<0.002	U		0.02	J		0.00016	J		80			19			
		VMP-5-31-072821	7/28/2021	1.7			<0.024	U		<0.0024	U		<0.0024	U		0.092	J		0.00069			80			18			
		VMP-5-31-102521	10/25/2021	2.2			<0.021	U		<0.0021	U		<0.0021	U		0.08	J		<0.00021	U		79			19			
	VMP-6	5 ft	VMP-6-5-012921	1/29/2021	0.86			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
			VMP-6-5-050621	5/6/2021	0.61			<0.022	U		<0.0022	U		<0.0022	U		0.011	J		<0.00022	U		80			19		
VMP-6-5-072921			7/29/2021	2			<0.022	U		<0.0022	U		<0.0022	U		0.08	J		0.0002	J		79			19			
VMP-6-5-102521			10/25/2021	0.89			<0.021	U		<0.0021	U		<0.0021	U		0.16			0.00016	J		79			20			
10 ft		VMP-6-10-050621	5/6/2021	1.1			<0.021	U		<0.0021	U		<0.0021	U		0.086	J		<0.00021	U		81			18			
		VMP-6-10-072921	7/29/2021	4			<0.023	U		<0.0023	U		<0.0023	U		0.013	J		<0.00023	U		80			16			
31.5 ft		VMP-6-31.5-012921	1/29/2021	3.5			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			18			
		VMP-6-31.5-012921-DUP	1/29/2021	0.9			<0.028	U		<0.0028	U		<0.0028	U		4.1			0.00012	J		75			20			
		VMP-6-31.5-050621	5/6/2021	2.5			<0.021	U		<0.0021	U		<0.0021	U		0.0092	J		<0.00021	U		80			18			
		VMP-6-31.5-072921	7/29/2021	3.4			<0.022	U		<0.0022	U		<0.0022	U		0.0091	J		<0.00022	U		81			16			
		VMP-6-31.5-072921-DUP	7/29/2021	3			<0.021	U		<0.0021	U		<0.0021	U		0.0067	J		<0.00021	U		80			17			
		VMP-6-31.5-102521	10/25/2021	5.2			<0.019	U		<0.0019	U		<0.0019	U		<0.095	U		<0.00019	U		80			15			
39 ft	VMP-6-39-102521	10/25/2021	5.3			<0.02	U		<0.002	U		<0.002	U		0.018	J		0.0011			80			15				
VMP-7	5 ft	VMP-7-5-012621	1/26/2021	0.47			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			21			
		VMP-7-5-050521	5/5/2021	0.54			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20			
		VMP-7-5-072621	7/26/2021	1.7			<0.021	U		<0.0021	U		<0.0021	U		0.02	J		<0.00021	U		80			18			
		VMP-7-5-102721	10/27/2021	1.4			<0.02	U		<0.002	U		<0.002	U		0.016	J		0.000088	J		79			20			
	13.5 ft	VMP-7-13.5-012621	1/26/2021	0.57			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			21			
		VMP-7-13.5-050521	5/5/2021	0.56			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20			
		VMP-7-13.5-072621	7/26/2021	1.9			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			18			
	29.5 ft	VMP-7-13.5-102721	10/27/2021	2.1			<0.02	U		<0.002	U		<0.002	U		0.017	J		<0.0002	U		79			19			
		VMP-7-29.5-012621	1/26/2021	2.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			20			
		VMP-7-29.5-050521	5/5/2021	1.3			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		80			19			
29.5 ft	VMP-7-29.5-072621	7/26/2021	2.1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			18				
	VMP-7-29.5-102721	10/27/2021	3.4			<0.019	U		<0.0019	U		<0.0019	U		<0.097	U		<0.00019	U		79			18				
	VMP-7-29.5-102721-DUP	10/27/2021	3.4			<0.02	U		<0.002	U		<0.002	U		<0.099	U		<0.0002	U		80			17				

**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-8-5-012121	1/21/2021	0.65			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-8-5-050421	5/4/2021	1.2			<0.018	U		<0.0018	U		<0.0018	U		0.0084	J		0.000059	J		80			19		
		VMP-8-5-072221	7/22/2021	2.5			<0.023	U		<0.0023	U		<0.0023	U		0.04	J		<0.00023	U		80			18		
		VMP-8-5-102921	10/29/2021	0.72			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00012	J		79			20		
	9.5 ft	VMP-8-9.5-012121	1/21/2021	1.8			<0.025	U		<0.0025	U		<0.0025	U		0.0059	J		<0.00025	U		79			19		
		VMP-8-9.5-050421	5/4/2021	1.7			<0.02	U		<0.002	U		<0.002	U		0.034	J		<0.0002	U		80			18		
		VMP-8-9.5-072221	7/22/2021	3			<0.022	U		<0.0022	U		<0.0022	U		0.0035	J		0.00012	J		80			17		
	23.5 ft	VMP-8-23.5-012121	1/21/2021	3.3			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			18		
		VMP-8-23.5-050421	5/4/2021	2.8			<0.019	U		<0.0019	U		<0.0019	U		0.023	J		<0.00019	U		80			17		
		VMP-8-23.5-072221	7/22/2021	3.6			<0.023	U		<0.0023	U		<0.0023	U		0.081	J		0.00018	J		80			16		
		VMP-8-23.5-072221-DUP	7/22/2021	3.6			<0.023	U		<0.0023	U		<0.0023	U		0.075	J		0.00019	J		80			16		
	35.5 ft	VMP-8-35.5-012121	1/21/2021	0.46			<0.025	U		<0.0025	U		<0.0025	U		0.041	J		<0.00025	U		80			20		
VMP-8-35.5-050421		5/4/2021	0.32			<0.02	U		<0.002	U		<0.002	U		1.4			0.00015	J		79			19			
VMP-8-35.5-072221		7/22/2021	0.91			<0.021	U		<0.0021	U		<0.0021	U		0.081	J		0.00018	J		80			19			
VMP-9	5 ft	VMP-9-5-012121	1/21/2021	0.33			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00045			80			20		
		VMP-9-5-050421	5/4/2021	0.2			<0.021	U		<0.0021	U		<0.0021	U		0.021	J		0.00015	J		80			20		
		VMP-9-5-072221	7/22/2021	0.39			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.0002	J		80			20		
		VMP-9-5-072221-DUP	7/22/2021	0.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00021	J		80			20		
		VMP-9-5-102221	10/22/2021	0.43			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.000098	J		80			20		
	11.5 ft	VMP-9-11.5-012121	1/21/2021	0.57			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00026	J		79			20		
		VMP-9-11.5-050421	5/4/2021	0.69			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			19		
		VMP-9-11.5-072221	7/22/2021	1.6			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			19		
		VMP-9-11.5-102221	10/22/2021	1.3			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			20		
	25.5 ft	VMP-9-25.5-012121	1/21/2021	1.6			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			20		
		VMP-9-25.5-050421	5/4/2021	1.2			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		80			19		
		VMP-9-25.5-072221	7/22/2021	1.3			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		81			18		
		VMP-9-25.5-102221	10/22/2021	2.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			18		
	38.5 ft	VMP-9-38.5-012121	1/21/2021	2.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-9-38.5-012121-DUP	1/21/2021	2.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
VMP-9-38.5-102221	10/22/2021	2.7			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		79			18				
VMP-10	5 ft	VMP-10-5-012721	1/27/2021	0.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-10-5-050721	5/7/2021	0.47			<0.022	U		<0.0022	U		<0.0022	U		0.021	J		<0.00022	U		80			20		
		VMP-10-5-072821	7/28/2021	0.93			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			20		
		VMP-10-5-102921	10/29/2021	0.23			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		79			21		
	10 ft	VMP-10-10-012721	1/27/2021	0.16			<0.024	U		<0.0024	U		<0.0024	U		0.014	J		<0.00024	U		79			21		
		VMP-10-10-050721	5/7/2021	0.49			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			20		
		VMP-10-10-072821	7/28/2021	0.87			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			20		
		VMP-10-10-102921	10/29/2021	0.27			<0.02	U		<0.002	U		<0.002	U		0.0026	J		0.00013	J		79			21		
	20 ft	VMP-10-20-012721	1/27/2021	0.16			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-10-20-050721	5/7/2021	0.28			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			20		
		VMP-10-20-072821	7/28/2021	0.8			<0.021	U		<0.0021	U		<0.0021	U		0.0055	J		<0.00021	U		79			20		
VMP-10-20-102921	10/29/2021	0.44			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		78			21				
VMP-10-20-102921-DUP	10/29/2021	0.44			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		78			21				

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen			
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	
VMP-11	5 ft	VMP-11-5-012721	1/27/2021	0.05			<0.024	U		<0.0024	U		<0.0024	U		0.068	J		0.00021	J		79			21			
		VMP-11-5-051021	5/10/2021	0.052			<0.02	U		<0.002	U		<0.002	U		4.7			0.00017	J		76			19			
		VMP-11-5-072921	7/29/2021	0.12			<0.02	U		<0.002	U		<0.002	U		0.26			0.00022			80			20			
		VMP-11-5-072921-DUP	7/29/2021	0.12			<0.02	U		<0.002	U		<0.002	U		0.27			0.00018	J		80			20			
		VMP-11-5-110121	11/1/2021	0.058			<0.019	U		<0.0019	U		<0.0019	U		0.052	J		0.00023			79			21			
	8 ft	VMP-11-8-012721	1/27/2021	0.058			<0.023	U		<0.0023	U		<0.0023	U		0.1	J		0.00014	J		79			21			
		VMP-11-8-051021	5/10/2021	0.099			<0.02	U		<0.002	U		<0.002	U		0.088	J		0.00014	J		80			20			
		VMP-11-8-072921	7/29/2021	0.18			<0.022	U		<0.0022	U		<0.0022	U		0.099	J		0.0002	J		80			20			
		VMP-11-8-110121	11/1/2021	0.08			<0.021	U		<0.0021	U		<0.0021	U		0.022	J		0.00021			79			21			
	29 ft	VMP-11-29-012721	1/27/2021	0.15			<0.023	U		<0.0023	U		<0.0023	U		0.041	J		0.00012	J		79			21			
		VMP-11-29-051021	5/10/2021	0.17			<0.02	U		<0.002	U		<0.002	U		0.34			0.00013	J		79			20			
		VMP-11-29-072921	7/29/2021	0.32			<0.021	U		<0.0021	U		<0.0021	U		0.26			0.00014	J		80			20			
		VMP-11-29-110121	11/1/2021	0.22			<0.021	U		<0.0021	U		<0.0021	U		0.032	J		0.00012	J		79			21			
	38 ft	VMP-11-29-110121-DUP	11/1/2021	0.22			<0.02	U		<0.002	U		<0.002	U		0.023	J		0.0001	J		79			21			
VMP-11-38-072921		7/29/2021	0.11			<0.022	U		<0.0022	U		<0.0022	U		0.15			0.00021	J		80			20				
		VMP-11-38-110121	11/1/2021	0.057			<0.02	U		<0.002	U		<0.002	U		0.088	J		0.00015	J		79			21			
VMP-12	5 ft	VMP-12-5-012821	1/28/2021	0.042			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0002	J		79			21			
		VMP-12-5-012821-DUP	1/28/2021	0.045			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00023	J		78			22			
		VMP-12-5-051121	5/11/2021	0.055			<0.021	U		<0.0021	U		<0.0021	U		0.071	J		0.00022			79			21			
		VMP-12-5-072721	7/27/2021	0.072			<0.02	U		<0.002	U		<0.002	U		0.02	J		0.00023			80			20			
		VMP-12-5-072721-DUP	7/27/2021	0.071			<0.022	U		<0.0022	U		<0.0022	U		0.026	J		0.00023			80			20			
		VMP-12-5-102621	10/26/2021	0.058			<0.022	U		<0.0022	U		<0.0022	U		0.0093	J		0.00035			79			21			
	11.5 ft	VMP-12-11.5-012821	1/28/2021	0.05			<0.023	U		<0.0023	U		<0.0023	U		0.029	J		0.00054			78			22			
		VMP-12-11.5-051121	5/11/2021	0.071			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.00016	J		80			20			
		VMP-12-11.5-072721	7/27/2021	0.11			<0.021	U		<0.0021	U		<0.0021	U		0.022	J		0.00023			80			20			
		VMP-12-11.5-102621	10/26/2021	0.12			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		0.00024			79			21			
	25 ft	VMP-12-25-012821	1/28/2021	9.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0032			81			9.2			
		VMP-12-25-051121	5/11/2021	13			<0.02	U		<0.002	U		<0.002	U		0.026	J		0.73			84			2.4			
		VMP-12-25-072721	7/27/2021	15			<0.021	U		0.00035	J		<0.0021	U		0.0065	J		5.6			78			1.3			
		VMP-12-25-102621	10/26/2021	15			<0.022	U		0.00041	J		<0.0022	U		0.0066	J		5.9			78			1.3			
39 ft	VMP-12-39-012821	1/28/2021	11			<0.024	U		0.00067	J		<0.0024	U		4.7			19			57			4.7				
VMP-13	5 ft	VMP-13-5-012721	1/27/2021	0.087			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21			
		VMP-13-5-051021	5/10/2021	0.17			<0.02	U		<0.002	U		<0.002	U		0.0073	J		<0.0002	U		80			20			
		VMP-13-5-073021	7/30/2021	0.45			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		80			20			
		VMP-13-5-102921	10/29/2021	0.25			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			21			
	10.5 ft	VMP-13-10.5-012721	1/27/2021	0.11			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21			
		VMP-13-10.5-051021	5/10/2021	0.096			<0.018	U		<0.0018	U		<0.0018	U		<0.092	U		<0.00018	U		80			20			
		VMP-13-10.5-073021	7/30/2021	0.3			<0.02	U		<0.002	U		<0.002	U		0.013	J		<0.0002	U		80			20			
		VMP-13-10.5-102921	10/29/2021	0.34			<0.02	U		<0.002	U		<0.002	U		0.011	J		<0.0002	U		79			21			
	21.5 ft	VMP-13-21.5-012721	1/27/2021	0.44			<0.022	U		<0.0022	U		<0.0022	U		0.0091	J		0.00058			80			20			
		VMP-13-21.5-051021	5/10/2021	0.32			<0.019	U		<0.0019	U		<0.0019	U		0.26			0.000082	J		80			19			
		VMP-13-21.5-073021	7/30/2021	0.49			<0.02	U		<0.002	U		<0.002	U		0.089	J		<0.0002	U		80			19			
		VMP-13-21.5-102921	10/29/2021	1			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			20			
			VMP-13-21.5-102921-DUP	10/29/2021	1			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		79			20		
	29.5 ft	VMP-13-29.5-012721	1/27/2021	0.056			<0.024	U		<0.0024	U		<0.0024	U		0.1	J		0.00018	J		79			21			
VMP-13-29.5-051021		5/10/2021	0.12			<0.02	U		<0.002	U		<0.002	U		0.012	J		<0.0002	U		80			20				
VMP-13-29.5-073021		7/30/2021	0.3			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		80			20				
VMP-13-29.5-073021-DUP		7/30/2021	0.31			<0.02	U		<0.002	U		<0.002	U		0.0041	J		<0.0002	U		80			20				
		VMP-13-29.5-102921	10/29/2021	0.3			<0.02	U		<0.002	U		<0.002	U		0.0047	J		<0.0002	U		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-14	5 ft	VMP-14-5-012721	1/27/2021	0.16			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-14-5-051021	5/10/2021	0.3			<0.02	U		<0.002	U		<0.002	U		0.01	J		<0.0002	U		80			20		
		VMP-14-5-073021	7/30/2021	1			<0.02	U		<0.002	U		<0.002	U		0.012	J		<0.0002	U		80			19		
		VMP-14-5-102921	10/29/2021	0.28			<0.02	U		<0.002	U		<0.002	U		0.006	J		0.00013	J		80			20		
	11.5 ft	VMP-14-11.5-012721	1/27/2021	0.16			<0.024	U		<0.0024	U		<0.0024	U		1.7			<0.00024	U		77			21		
		VMP-14-11.5-051021	5/10/2021	0.3			<0.02	U		<0.002	U		<0.002	U		0.34			<0.0002	U		79			20		
		VMP-14-11.5-073021	7/30/2021	0.99			<0.02	U		<0.002	U		<0.002	U		0.16			<0.0002	U		80			19		
		VMP-14-11.5-102921	10/29/2021	0.27			<0.02	U		<0.002	U		<0.002	U		0.22			0.00011	J		79			21		
	20 ft	VMP-14-20-012721	1/27/2021	7			<0.023	U		<0.0023	U		<0.0023	U		0.02	J		0.00015	J		79			14		
		VMP-14-20-051021	5/10/2021	6.4			<0.022	U		<0.0022	U		<0.0022	U		0.057	J		0.00021	J		82			12		
		VMP-14-20-051021-DUP	5/10/2021	6.4			<0.021	U		<0.0021	U		<0.0021	U		0.058	J		0.00019	J		82			12		
		VMP-14-20-073021	7/30/2021	7.9			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	J	U	82			9.9		
29 ft	VMP-14-20-102921	10/29/2021	8.7			<0.021	U		<0.0021	U		<0.0021	U		0.021	J		0.0002	J		79			12			
	VMP-14-29-012721	1/27/2021	4.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00039			79			17			
		VMP-14-29-102921	10/29/2021	6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.0015			79			15		
VMP-15	5 ft	VMP-15-5-012821	1/28/2021	3			<0.02	U		<0.002	U		<0.002	U		0.036	J		<0.0002	U		82			15		
		VMP-15-5-051121	5/11/2021	2.9			<0.02	U		<0.002	U		<0.002	U		0.0068	J		<0.0002	U		81			16		
		VMP-15-5-072821	7/28/2021	3.9			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		83			13		
		VMP-15-5-102721	10/27/2021	3.7			<0.021	U		<0.0021	U		<0.0021	U		0.017	J		<0.00021	U		80			16		
	21.5 ft	VMP-15-21.5-012821	1/28/2021	16			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		82			2.3		
		VMP-15-21.5-051121	5/11/2021	15			<0.02	U		0.00028	J		<0.002	U		0.016	J		3.3			80			1.4		
		VMP-15-21.5-072821	7/28/2021	13			<0.021	U		0.00015	J		<0.0021	U		0.0044	J		2.1			84			1.3		
		VMP-15-21.5-102721	10/27/2021	14			<0.036	U		<0.0036	U		<0.0036	U		0.0088	J		<0.00036	U		82			4.1		
	25.5 ft	VMP-15-25.5-012821	1/28/2021	15			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			7.1		
		VMP-15-25.5-051121	5/11/2021	17			<0.019	U		0.00072	J		<0.0019	U		<0.095	U		2.7			79			1.4		
		VMP-15-25.5-072821	7/28/2021	17			<0.022	U		0.00042	J		<0.0022	U		0.008	J		2.9			78			1.6		
		VMP-15-25.5-102721	10/27/2021	16			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		81			2.7		
VMP-16	5 ft	VMP-16-5-012921	1/29/2021	11			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		83			6.2		
		VMP-16-5-012921-DUP	1/29/2021	11			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		83			6.4		
		VMP-16-5-051121	5/11/2021	2.4			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		80			18		
		VMP-16-5-051121-DUP	5/11/2021	2.4			<0.021	U		<0.0021	U		<0.0021	U		0.0066	J		<0.00021	U		80			18		
		VMP-16-5-072721	7/27/2021	9.7			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			10		
		VMP-16-5-072721-DUP	7/27/2021	9.9			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			10		
		VMP-16-5-102621	10/26/2021	5.3			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			15		
		VMP-16-5-102621-DUP	10/26/2021	5.3			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		80			15		
	13.5 ft	VMP-16-13.5-012921	1/29/2021	19			<0.024	U		0.00033	J		<0.0024	U		<0.12	U		8.1			72			1.3		
		VMP-16-13.5-051121	5/11/2021	15			<0.02	U		<0.002	U		<0.002	U		<0.1	U		0.26			83			1.4		
		VMP-16-13.5-072721	7/27/2021	18			<0.021	U		0.00079	J		<0.0021	U		0.015	J		3.3			77			1.3		
		VMP-16-13.5-102621	10/26/2021	18			<0.021	U		0.00022	J		<0.0021	U		<0.1	U		2.3			78			1.5		
	19 ft	VMP-16-19-012921	1/29/2021	19			<0.025	U		0.00028	J		<0.0025	U		0.1	J		9.4			70			1.3		
		VMP-16-19-051121	5/11/2021	15			<0.022	U		0.00019	J		<0.0022	U		0.0065	J		8			75			1.3		
		VMP-16-19-072721	7/27/2021	17			<0.021	U		0.00022	J		<0.0021	U		<0.1	U		9			73			1.2		
		VMP-16-19-102621	10/26/2021	18			<0.02	U		0.0012	J		<0.002	U		0.0063	J		11			69			1.2		
31 ft	VMP-16-31-012921	1/29/2021	19			<0.026	U		0.00035	J		<0.0026	U		<0.13	U		13			66			1.2			
	VMP-16-31-051121	5/11/2021	14			<0.021	U		0.00022	J		<0.0021	U		0.0052	J		10			71			1.7			
	VMP-16-31-072721	7/27/2021	16			<0.021	U		0.00023	J		<0.0021	U		0.0048	J		12			71			1.1			
	VMP-16-31-102621	10/26/2021	19			<0.019	U		0.00064	J		<0.0019	U		<0.097	U		16			62			1.1			
VMP-17	5 ft	VMP-17-5-012821	1/28/2021	0.054			<0.022	U		<0.0022	U		<0.0022	U		0.02	J		0.00018	J		79			21		
		VMP-17-5-050621	5/6/2021	0.14			<0.02	U		<0.002	U		<0.002	U		0.0086	J		0.00013	J		80			20		
		VMP-17-5-072721	7/27/2021	0.17			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00014	J		80			20		
		VMP-17-5-102721	10/27/2021	0.069			<0.02	U		<0.002	U		<0.002	U		<0.1	U		0.00015	J		80			20		
VMP-18	8.5 ft	VMP-18-8.5-012621	1/26/2021	0.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-18-8.5-072221	7/22/2021	0.87			<0.024	U		<0.0024	U		<0.0024	U		0.03	J		0.000081	J		79					

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-19	5 ft	VMP-19-5-012621	1/26/2021	0.047			<0.025	U		<0.0025	U		<0.0025	U		0.17			0.0002	J		79			21		
		VMP-19-5-051121	5/11/2021	0.075			<0.019	U		<0.0019	U		<0.0019	U		0.68			0.00021			79			20		
		VMP-19-5-072621	7/26/2021	0.24			<0.023	U		<0.0023	U		<0.0023	U		1.1			0.00021	J		80			20		
		VMP-19-5-102621	10/26/2021	0.09			<0.023	U		<0.0023	U		<0.0023	U		0.55			0.00026			80			20		
		VMP-19-5-102621-DUP	10/26/2021	0.088			<0.022	U		<0.0022	U		<0.0022	U		0.54			0.00021	J		79			21		
VMP-20	5 ft	VMP-20-5-012521	1/25/2021	4.9			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			17		
		VMP-20-5-050721	5/7/2021	5.1			<0.02	U		<0.002	U		<0.002	U		<0.099	U		<0.0002	U		79			16		
		VMP-20-5-072721	7/27/2021	8.8			<0.023	U		<0.0023	U		<0.0023	U		0.0089	J		<0.00023	U		79			12		
		VMP-20-5-110121	11/1/2021	3.6			<0.021	U		<0.0021	U		<0.0021	U		0.02	J		<0.00021	U		78			18		
	10 ft	VMP-20-10-012521	1/25/2021	6.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			16		
		VMP-20-10-050721	5/7/2021	5.6			<0.019	U		<0.0019	U		<0.0019	U		<0.095	U		<0.00019	U		79			15		
		VMP-20-10-072721	7/27/2021	12			<0.022	U		<0.0022	U		<0.0022	U		0.0051	J		0.000073	J		79			9.4		
		VMP-20-10-072721-DUP	7/27/2021	12			<0.021	U		<0.0021	U		<0.0021	U		0.0055	J		0.000089	J		79			9.3		
	25 ft	VMP-20-10-110121	11/1/2021	6.4			<0.02	U		<0.002	U		<0.002	U		0.0043	J		<0.0002	U		78			16		
		VMP-20-25-012521	1/25/2021	5.7			<0.024	U		<0.0024	U		<0.0024	U		0.046	J		<0.00024	U		78			16		
		VMP-20-25-050721	5/7/2021	4.2			<0.019	U		<0.0019	U		<0.0019	U		<0.097	U		<0.00019	U		79			17		
		VMP-20-25-050721-DUP	5/7/2021	4.2			<0.019	U		<0.0019	U		<0.0019	U		<0.095	U		<0.00019	U		79			17		
VMP-21	5 ft	VMP-20-25-072721	7/27/2021	5.2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			15		
		VMP-20-25-110121	11/1/2021	6			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		78			16		
		VMP-21-5-012521	1/25/2021	0.23			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-21-5-050321	5/3/2021	0.83			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.000094	J		79			20		
	10 ft	VMP-21-5-072921	7/29/2021	6.3			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		81			13		
		VMP-21-5-102521	10/25/2021	6			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			15		
		VMP-21-10-012521	1/25/2021	1.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-21-10-012521-DUP	1/25/2021	1.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-21-10-050321	5/3/2021	1.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			19		
		VMP-21-10-060321-R	6/3/2021	1.8			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			18		
	25 ft	VMP-21-10-072921	7/29/2021	4.6			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		81			14		
		VMP-21-10-102521	10/25/2021	7.8			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			13		
		VMP-21-25-012521	1/25/2021	1.8			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			20		
		VMP-21-25-050321	5/3/2021	1			<0.022	U		<0.0022	U		<0.0022	U		0.0046	J		<0.00022	U		80			19		
		VMP-21-25-050321-DUP	5/3/2021	1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			19		
		VMP-21-25-072921	7/29/2021	2.1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		81			17		
33 ft	VMP-21-25-102521	10/25/2021	3.6			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		81			15			
	VMP-21-33-012521	1/25/2021	2.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			19			
	VMP-21-33-050321	5/3/2021	1.6			<0.023	U		<0.0023	U		<0.0023	U		0.069	J		<0.00023	U		79			19			
	VMP-21-33-072921	7/29/2021	2.1			<0.021	U		<0.0021	U		<0.0021	U		0.02	J		<0.00021	U		81			17			
VMP-22	5 ft	VMP-21-33-102521	10/25/2021	3.4			<0.019	U		<0.0019	U		<0.0019	U		<0.097	U		<0.00019	U		81			16		
		VMP-21-33-102521-DUP	10/25/2021	3.4			<0.019	U		<0.0019	U		<0.0019	U		<0.094	U		<0.00019	U		81			16		
		VMP-22-5-012621	1/26/2021	0.12			<0.027	U		<0.0027	U		<0.0027	U		0.033	J		0.00014	J		79			21		
		VMP-22-5-050321	5/3/2021	0.56			<0.023	U		<0.0023	U		<0.0023	U		0.0098	J		<0.00023	U		79			20		
		VMP-22-5-072321	7/23/2021	2.3			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			19		
	10 ft	VMP-22-5-072321-DUP	7/23/2021	2.3			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			19		
		VMP-22-5-110121	11/1/2021	1.2			<0.02	U		<0.002	U		<0.002	U		0.0064	J		<0.0002	U		79			20		
		VMP-22-10-012621	1/26/2021	0.054			<0.026	U		<0.0026	U		<0.0026	U		1.9			0.00019	J		77			21		
		VMP-22-10-050321	5/3/2021	0.48			<0.023	U		<0.0023	U		<0.0023	U		0.7			0.00018	J		80			20		
		VMP-22-10-072321	7/23/2021	1.6			<0.022	U		<0.0022	U		<0.0022	U		0.35			0.00014	J		80			18		
18 ft	VMP-22-10-110121	11/1/2021	0.56			<0.021	U		<0.0021	U		<0.0021	U		0.47			0.00018	J		79			20			
	VMP-22-18-012621	1/26/2021	0.25			<0.026	U		<0.0026	U		<0.0026	U		0.82			0.00013	J		78			21			
	VMP-22-18-050321	5/3/2021	0.47			<0.022	U		<0.0022	U		<0.0022	U		0.14			<0.00022	U		80			20			
38 ft	VMP-22-38-012621	1/26/2021	0.057			<0.028	U		<0.0028	U		<0.0028	U		0.65			0.00023	J		78			21			
	VMP-22-38-050321	5/3/2021	0.46			<0.022	U		<0.0022	U		<0.0022	U		0.56			0.00019	J		80			20			
	VMP-22-38-060321-R	6/3/2021	0.81			<0.024	U		<0.0024	U		<0															

**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-23-5-012121	1/21/2021	0.38			<0.026	U		<0.0026	U		<0.0026	U		0.042	J		<0.00026	U		80			20		
		VMP-23-5-050721	5/7/2021	1.1			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		80			19		
		VMP-23-5-072821	7/28/2021	3.2			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		79			18		
		VMP-23-5-102521	10/25/2021	1.1			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		79			20		
	10 ft	VMP-23-10-012121	1/21/2021	0.55			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-23-10-072821	7/28/2021	2.4			<0.023	U		<0.0023	U		<0.0023	U		0.0064	J		<0.00023	U		80			18		
		VMP-23-10-072821-DUP	7/28/2021	2.4			<0.022	U		<0.0022	U		<0.0022	U		0.0063	J		<0.00022	U		80			18		
		VMP-23-10-102521	10/25/2021	1.9			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			19		
	25 ft	VMP-23-25-012121	1/21/2021	2.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			19		
		VMP-23-25-050721	5/7/2021	1.1			<0.019	U		<0.0019	U		<0.0019	U		0.0097	J		<0.00019	U		80			19		
VMP-23-25-072821		7/28/2021	2.2			<0.023	U		<0.0023	U		<0.0023	U		0.017	J		<0.00023	U		80			18			
VMP-23-25-102521		10/25/2021	3.8			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		78			18			
VMP-24	5 ft	VMP-24-5-012121	1/21/2021	2.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			18		
		VMP-24-5-051121	5/11/2021	2.4			<0.019	U		<0.0019	U		<0.0019	U		<0.096	U		<0.00019	U		79			19		
		VMP-24-5-072221	7/22/2021	2.6			<0.026	U		<0.0026	U		<0.0026	U		0.0051	J		<0.00026	U		79			18		
		VMP-24-5-102221	10/22/2021	4.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			17		
	10 ft	VMP-24-10-022521	2/25/2021	2.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00009	J		78			19		
		VMP-24-10-051121	5/11/2021	2.9			<0.018	U		<0.0018	U		<0.0018	U		<0.089	U		<0.00018	U		79			18		
		VMP-24-10-051121-DUP	5/11/2021	2.9			<0.018	U		<0.0018	U		<0.0018	U		<0.09	U		<0.00018	U		79			18		
		VMP-24-10-072221	7/22/2021	3.7			<0.022	U		<0.0022	U		<0.0022	U		0.14			<0.00022	U		79			17		
	22 ft	VMP-24-10-102221	10/22/2021	4.5			<0.019	U		<0.0019	U		<0.0019	U		<0.097	U		<0.00019	U		78			17		
		VMP-24-10-102221-DUP	10/22/2021	4.5			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		78			17		
		VMP-24-22-012121	1/21/2021	2.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-24-22-051121	5/11/2021	1.8			<0.02	U		<0.002	U		<0.002	U		4.2			<0.0002	U		76			18		
	34 ft	VMP-24-22-072221	7/22/2021	0.93			<0.022	U		<0.0022	U		<0.0022	U		0.39			0.00017	J		80			19		
		VMP-24-22-102221	10/22/2021	3			<0.021	U		<0.0021	U		<0.0021	U		0.09	J		<0.00021	U		79			18		
		VMP-24-34-012121	1/21/2021	3.8			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			18		
		VMP-24-34-051121	5/11/2021	2.7			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		79			18		
VMP-25	5 ft	VMP-24-34-072221	7/22/2021	4.3			<0.02	U		<0.002	U		<0.002	U		0.065	J		<0.0002	U		80			16		
		VMP-24-34-102221	10/22/2021	5.4			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			16		
		VMP-25-5-012621	1/26/2021	2.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0042			91			6.1		
		VMP-25-5-012621-DUP	1/26/2021	2.7			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0038			90			7.3		
VMP-29	10 ft	VMP-25-5-102721	10/27/2021	5			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		89			6.4		
		VMP-25-5-102721-DUP	10/27/2021	5.1			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		89			6.3		
		VMP-29-10-012721	1/27/2021	0.076			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00015	J		79			21		
		VMP-29-10-051021	5/10/2021	0.15			<0.019	U		<0.0019	U		<0.0019	U		0.75			<0.00019	U		79			20		
	18 ft	VMP-29-10-072821	7/28/2021	0.48			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		80			20		
		VMP-29-10-102921	10/29/2021	0.29			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			21		
		VMP-29-18-012721	1/27/2021	0.055			<0.024	U		<0.0024	U		<0.0024	U		3.6			0.00017	J		76			20		
		VMP-29-18-051021	5/10/2021	0.22			<0.019	U		<0.0019	U		<0.0019	U		0.087	J		<0.00019	U		80			20		
		VMP-29-18-072821	7/28/2021	0.41			<0.019	U		<0.0019	U		<0.0019	U		<0.097	U		<0.00019	U		80			20		
		VMP-29-18-102921	10/29/2021	0.51			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			21		
26 ft	VMP-29-26-012721	1/27/2021	0.79			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.0001	J		79			20			
	VMP-29-26-051021	5/10/2021	0.6			<0.02	U		<0.002	U		<0.002	U		0.081	J		<0.0002	U		80			19			
	VMP-29-26-051021-DUP	5/10/2021	0.6			<0.02	U		<0.002	U		<0.002	U		0.076	J		<0.0002	U		80			19			
	VMP-29-26-072821	7/28/2021	1			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		81			18			
VMP-29-26-102921	10/29/2021	1.1			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	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-30	10 ft	VMP-30-10-012721	1/27/2021	0.053			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		0.00018	J		79			21		
		VMP-30-10-012721-DUP	1/27/2021	0.053			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00016	J		79			21		
		VMP-30-10-051021	5/10/2021	0.054			<0.02	U		<0.002	U		<0.002	U		0.026	J		<0.0002	U		80			20		
		VMP-30-10-072821	7/28/2021	0.083			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.0001	J		80			20		
		VMP-30-10-102921	10/29/2021	0.087			<0.02	U		<0.002	U		<0.002	U		0.0091	J		<0.0002	U		79			21		
	18 ft	VMP-30-18-012721	1/27/2021	0.052			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00024			79			21		
		VMP-30-18-051021	5/10/2021	0.08			<0.02	U		<0.002	U		<0.002	U		0.03	J		0.000094	J		80			20		
		VMP-30-18-072821	7/28/2021	0.23			<0.021	U		<0.0021	U		<0.0021	U		0.022	J		<0.00021	U		80			20		
		VMP-30-18-072821-DUP	7/28/2021	0.23			<0.021	U		<0.0021	U		<0.0021	U		0.02	J		<0.00021	U		80			20		
		VMP-30-18-102921	10/29/2021	0.28			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		79			21		
	26 ft	VMP-30-26-012721	1/27/2021	0.05			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00021	J		79			21		
		VMP-30-26-051021	5/10/2021	0.3			<0.019	U		<0.0019	U		<0.0019	U		0.0098	J		0.000088	J		80			20		
		VMP-30-26-051021-DUP	5/10/2021	0.3			<0.019	U		<0.0019	U		<0.0019	U		0.0084	J		0.000087	J		80			20		
		VMP-30-26-072821	7/28/2021	0.42			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		80			19		
VMP-30-26-102921		10/29/2021	0.81			<0.019	U		<0.0019	U		<0.0019	U		<0.097	U		0.000092	J		79			20			
VMP-32	5 ft	VMP-32-5-012621	1/26/2021	0.17			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00015	J		79			21		
		VMP-32-5-051221	5/12/2021	0.58			<0.02	U		<0.002	U		<0.002	U		<0.099	U		<0.0002	U		79			20		
		VMP-32-5-072321	7/23/2021	2.8			<0.022	U		<0.0022	U		<0.0022	U		0.0044	J		<0.00022	U		80			17		
		VMP-32-5-072321-DUP	7/23/2021	2.8			<0.022	U		<0.0022	U		<0.0022	U		0.0056	J		<0.00022	U		81			16		
		VMP-32-5-110121	11/1/2021	4.1			<0.02	U		<0.002	U		<0.002	U		0.0054	J		<0.0002	U		79			17		
	10 ft	VMP-32-10-012621	1/26/2021	0.62			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			21		
		VMP-32-10-051221	5/12/2021	0.68			<0.021	U		<0.0021	U		<0.0021	U		0.0047	J		<0.00021	U		79			20		
		VMP-32-10-051221-DUP	5/12/2021	0.68			<0.02	U		<0.002	U		<0.002	U		0.0047	J		<0.0002	U		79			20		
		VMP-32-10-072321	7/23/2021	2.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		81			17		
		VMP-32-10-110121	11/1/2021	4.5			<0.019	U		<0.0019	U		<0.0019	U		<0.097	U		<0.00019	U		80			16		
	20 ft	VMP-32-20-012621	1/26/2021	0.063			<0.027	U		<0.0027	U		<0.0027	U		0.63			0.00024	J		78			21		
		VMP-32-20-012621-DUP	1/26/2021	0.064			<0.026	U		<0.0026	U		<0.0026	U		0.66			0.00023	J		77			22		
		VMP-32-20-072321	7/23/2021	0.61			<0.023	U		<0.0023	U		<0.0023	U		0.37			0.00018	J		80			19		
		VMP-32-20-110121	11/1/2021	1.6			<0.02	U		<0.002	U		<0.002	U		0.78			0.0001	J		78			20		
30 ft	VMP-32-30-012621	1/26/2021	0.23			<0.025	U		<0.0025	U		<0.0025	U		0.84			0.00011	J		78			21			
	VMP-32-30-072321	7/23/2021	0.6			<0.022	U		<0.0022	U		<0.0022	U		0.74			0.00017	J		80			19			
	VMP-32-30-110121	11/1/2021	3			<0.02	U		<0.002	U		<0.002	U		0.03	J		<0.0002	U		79			18			
VMP-41	10 ft	VMP-41-10-012721	1/27/2021	0.14			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-41-10-050621	5/6/2021	0.51			<0.021	U		<0.0021	U		<0.0021	U		0.015	J		<0.00021	U		79			20		
		VMP-41-10-072821	7/28/2021	1			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		80			19		
		VMP-41-10-072821-DUP	7/28/2021	1			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			20		
		VMP-41-10-102921	10/29/2021	0.47			<0.024	U		<0.0024	U		<0.0024	U		0.0062	J		<0.00024	U		78			21		
	20 ft	VMP-41-20-012721	1/27/2021	0.28			<0.024	U		<0.0024	U		<0.0024	U		0.029	J		<0.00024	U		79			21		
		VMP-41-20-050621	5/6/2021	0.43			<0.019	U		<0.0019	U		<0.0019	U		0.0024	J		<0.00019	U		80			20		
		VMP-41-20-072821	7/28/2021	1.1			<0.021	U		<0.0021	U		<0.0021	U		0.013	J		<0.00021	U		80			19		
		VMP-41-20-102921	10/29/2021	1			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			20		
		VMP-41-20-102921	10/29/2021	1			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			20		
26 ft	VMP-41-26-012721	1/27/2021	0.65			<0.024	U		<0.0024	U		<0.0024	U		0.024	J		<0.00024	U		79			20			
	VMP-41-26-050621	5/6/2021	0.5			<0.021	U		<0.0021	U		<0.0021	U		0.01	J		<0.00021	U		80			19			
	VMP-41-26-072821	7/28/2021	1.2			<0.02	U		<0.002	U		<0.002	U		0.0068	J		<0.0002	U		80			19			
VMP-41-26-102921	10/29/2021	1.7			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	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-42	10 ft	VMP-42-10-012921	1/29/2021	0.62			<0.026	U		<0.0026	U		<0.0026	U		0.013	J		<0.00026	U		78			21		
		VMP-42-10-050521	5/5/2021	0.53			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		79			20		
		VMP-42-10-072621	7/26/2021	1.3			<0.023	U		<0.0023	U		<0.0023	U		0.05	J		<0.00023	U		80			19		
		VMP-42-10-102621	10/26/2021	0.96			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
	20 ft	VMP-42-20-012921	1/29/2021	1.9			<0.026	U		<0.0026	U		<0.0026	U		0.011	J		<0.00026	U		77			21		
		VMP-42-20-050521	5/5/2021	0.69			<0.023	U		<0.0023	U		<0.0023	U		0.0032	J		<0.00023	U		79			20		
		VMP-42-20-072621	7/26/2021	2.7			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			17		
		VMP-42-20-102621	10/26/2021	3.3			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			19		
	30 ft	VMP-42-30-012921	1/29/2021	3.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		77			20		
		VMP-42-30-050521	5/5/2021	1			<0.023	U		<0.0023	U		<0.0023	U		0.19	J		<0.00023	U		79			20		
VMP-42-30-072621		7/26/2021	1.9			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			18			
VMP-42-30-102621		10/26/2021	3.5			<0.02	U		<0.002	U		<0.002	U		<0.098	U		<0.0002	U		78			18			
		VMP-42-30-102621-DUP	10/26/2021	3.4			<0.019	U		<0.0019	U		<0.0019	U		<0.094	U		<0.00019	U		79			18		
VMP-43	10 ft	VMP-43-10-012621	1/26/2021	0.059			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00024			79			21		
		VMP-43-10-050521	5/5/2021	0.14			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00021	J		79			21		
		VMP-43-10-072621	7/26/2021	0.87			<0.023	U		<0.0023	U		<0.0023	U		0.0043	J		0.00019	J		79			20		
		VMP-43-10-072621-DUP	7/26/2021	0.86			<0.022	U		<0.0022	U		<0.0022	U		0.0046	J		0.00019	J		80			19		
		VMP-43-10-102621	10/26/2021	0.83			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			20		
	20 ft	VMP-43-20-012621	1/26/2021	0.062			<0.024	U		<0.0024	U		<0.0024	U		0.49	J		0.00018	J		78			21		
		VMP-43-20-050521	5/5/2021	0.16			<0.02	U		<0.002	U		<0.002	U		<0.1	U		0.0002			79			21		
		VMP-43-20-072621	7/26/2021	1.4			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			19		
		VMP-43-20-102621	10/26/2021	1.1			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		79			20		
		VMP-43-20-022521	2/25/2021	0.25			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
30 ft	VMP-43-30-050521	5/5/2021	0.63			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.000099	J		79			20			
	VMP-43-30-072621	7/26/2021	1.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			18			
	VMP-43-30-102621	10/26/2021	0.22			<0.02	U		<0.002	U		<0.002	U		<0.1	U		0.000096	J		80			20			
VMP-45	10 ft	VMP-45-10-012621	1/26/2021	0.19			<0.024	U		<0.0024	U		<0.0024	U		0.037	J		0.00011	J		79			21		
		VMP-45-10-060321	6/3/2021	0.52			<0.022	U		<0.0022	U		<0.0022	U		0.011	J		0.000085	J		79			20		
		VMP-45-10-072621	7/26/2021	0.99			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			19		
		VMP-45-10-102721	10/27/2021	1			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		79			20		
	20 ft	VMP-45-20-012621	1/26/2021	0.24			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-45-20-050521	5/5/2021	0.42			<0.02	U		<0.002	U		<0.002	U		0.034	J		<0.0002	U		78			21		
		VMP-45-20-072621	7/26/2021	1.1			<0.024	U		<0.0024	U		<0.0024	U		0.025	J		<0.00024	U		80			19		
		VMP-45-20-102721	10/27/2021	1.1			<0.019	U		<0.0019	U		<0.0019	U		0.01	J		<0.00019	U		79			20		
	30 ft	VMP-45-30-012621	1/26/2021	0.17			<0.024	U		<0.0024	U		<0.0024	U		0.36	J		0.00018	J		78			21		
		VMP-45-30-050521	5/5/2021	0.32			<0.02	U		<0.002	U		<0.002	U		1.4	J		0.00019	J		78			20		
VMP-45-30-050521-DUP		5/5/2021	0.34			<0.02	U		<0.002	U		<0.002	U		1.5	J		0.0002	J		78			20			
VMP-45-30-072621		7/26/2021	0.53			<0.023	U		<0.0023	U		<0.0023	U		0.52	J		0.00017	J		79			20			
		VMP-45-30-102721	10/27/2021	0.64			<0.02	U		<0.002	U		<0.002	U		0.0051	J		0.000097	J		79			20		
		VMP-45-30-102721-DUP	10/27/2021	0.64			<0.02	U		<0.002	U		<0.002	U		<0.1	U		0.00011	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-47	5 ft	VMP-47-5-012221	1/22/2021	0.11			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00015	J		79			21		
		VMP-47-5-050621	5/6/2021	0.35			<0.021	U		<0.0021	U		<0.0021	U		0.0056	J		0.00018	J		79			21		
		VMP-47-5-072321	7/23/2021	1			<0.022	U		<0.0022	U		<0.0022	U		0.022	J		0.00013	J		80			19		
		VMP-47-5-110121	11/1/2021	0.22			<0.019	U		<0.0019	U		<0.0019	U		0.053	J		0.00015	J		79			21		
	10 ft	VMP-47-10-012221	1/22/2021	0.58			<0.025	U		<0.0025	U		<0.0025	U		0.0075	J		0.00012	J		78			21		
		VMP-47-10-050621	5/6/2021	0.87			<0.02	U		<0.002	U		<0.002	U		0.017	J		<0.0002	U		79			20		
		VMP-47-10-072321	7/23/2021	1.8			<0.021	U		<0.0021	U		<0.0021	U		0.039	J		<0.00021	U		79			19		
		VMP-47-10-110121	11/1/2021	0.99			<0.019	U		<0.0019	U		<0.0019	U		0.016	J		<0.00019	U		79			20		
	20 ft	VMP-47-20-012221	1/22/2021	0.45			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
		VMP-47-20-012221-DUP	1/22/2021	0.46			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
		VMP-47-20-050621	5/6/2021	0.72			<0.02	U		<0.002	U		<0.002	U		0.0039	J		<0.0002	U		79			20		
		VMP-47-20-072321	7/23/2021	1.9			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			19		
	30 ft	VMP-47-30-012221	1/22/2021	1.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			20		
		VMP-47-30-050621	5/6/2021	0.89			<0.02	U		<0.002	U		<0.002	U		0.024	J		<0.0002	U		80			19		
		VMP-47-30-050621-DUP	5/6/2021	0.88			<0.02	U		<0.002	U		<0.002	U		0.0071	J		<0.0002	U		80			19		
VMP-47-30-072321		7/23/2021	0.99			<0.02	U		<0.002	U		<0.002	U		0.013	J		<0.0002	U		80			19			
VMP-48	5 ft	VMP-48-5-012521	1/25/2021	0.53			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
		VMP-48-5-050721	5/7/2021	2.1			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		81			17		
		VMP-48-5-073021	7/30/2021	4.7			<0.021	U		<0.0021	U		<0.0021	U		0.0043	J		<0.00021	U		80			15		
		VMP-48-5-110121	11/1/2021	1.4			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		79			20		
	10 ft	VMP-48-10-012521	1/25/2021	4			<0.024	U		<0.0024	U		<0.0024	U		0.03	J		<0.00024	U		78			18		
		VMP-48-10-050721	5/7/2021	1.9			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			18		
		VMP-48-10-073021	7/30/2021	3.7			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	J	U	80			16		
		VMP-48-10-110121	11/1/2021	1.4			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		79			20		
	20 ft	VMP-48-20-012521	1/25/2021	4.8			<0.025	U		<0.0025	U		<0.0025	U		0.0093	J		<0.00025	U		77			18		
		VMP-48-20-012521-DUP	1/25/2021	5			<0.025	U		<0.0025	U		<0.0025	U		0.098	J		<0.00025	U		77			18		
		VMP-48-20-110121	11/1/2021	3.7			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		78			18		
		VMP-48-30-012521	1/25/2021	7.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		77			16		
	30 ft	VMP-48-30-050721	5/7/2021	5.9			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		78			16		
		VMP-48-30-073021	7/30/2021	3.7			<0.022	U		<0.0022	U		<0.0022	U		0.014	J		<0.00022	U		79			17		
		VMP-48-30-073021-DUP	7/30/2021	3.7			<0.022	U		<0.0022	U		<0.0022	U		0.014	J		<0.00022	U		79			17		
VMP-48-30-110121		11/1/2021	4.9			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		78			17			
VMP-49	5 ft	VMP-49-5-012521	1/25/2021	0.13			<0.024	U		<0.0024	U		<0.0024	U		0.0098	J		<0.00024	U		79			21		
		VMP-49-5-050321	5/3/2021	0.33			<0.023	U		<0.0023	U		<0.0023	U		0.0088	J		<0.00023	U		80			20		
		VMP-49-5-072921	7/29/2021	1.8			<0.022	U		<0.0022	U		<0.0022	U		0.011	J		<0.00022	U		79			19		
		VMP-49-5-102721	10/27/2021	1.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			19		
	10 ft	VMP-49-10-012521	1/25/2021	0.28			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-49-10-050321	5/3/2021	0.73			<0.022	U		<0.0022	U		<0.0022	U		0.017	J		0.00013	J		79			20		
		VMP-49-10-072921	7/29/2021	4.6			<0.021	U		<0.0021	U		<0.0021	U		0.029	J		0.0001	J		79			16		
		VMP-49-10-102721	10/27/2021	2.8			<0.02	U		<0.002	U		<0.002	U		0.0053	J		<0.0002	U		79			18		
	20 ft	VMP-49-20-012521	1/25/2021	0.04			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00014	J		79			21		
		VMP-49-20-050321	5/3/2021	0.6			<0.023	U		<0.0023	U		<0.0023	U		0.19			0.00013	J		79			20		
		VMP-49-20-060321-R	6/3/2021	1.4			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		0.00011	J		80			19		
		VMP-49-20-072921	7/29/2021	4.4			<0.022	U		<0.0022	U		<0.0022	U		0.0038	J		0.00013	J		80			16		
	30 ft	VMP-49-20-102721	10/27/2021	2.2			<0.022	U		<0.0022	U		<0.0022	U		0.0085	J		<0.00022	U		79			19		
		VMP-49-30-012521	1/25/2021	10			<0.026	U		<0.0026	U		<0.0026	U		0.02	J		<0.00026	U		78			12		
		VMP-49-30-050321	5/3/2021	6.2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			15		
VMP-49-30-072921		7/29/2021	1.7			<0.022	U		<0.0022	U		<0.0022	U		0.0099	J		<0.00022	U		80			18			
VMP-49-30-102721	10/27/2021	0.8			<0.022	U		<0.0022	U		<0.0022	U		0.0079	J		<0.00022	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-50	5 ft	VMP-50-5-012621	1/26/2021	0.18			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
		VMP-50-5-050721	5/7/2021	0.46			<0.021	U		<0.0021	U		<0.0021	U		0.011	J		<0.00021	U		80			19		
		VMP-50-5-072321	7/23/2021	5.5			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		85			9.6		
		VMP-50-5-102521	10/25/2021	5.6			<0.02	U		<0.002	U		<0.002	U		0.007	J		<0.0002	U		79			15		
	10 ft	VMP-50-10-012621	1/26/2021	0.54			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			21		
		VMP-50-10-050721	5/7/2021	0.66			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			19		
		VMP-50-10-072321	7/23/2021	2.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		84			14		
		VMP-50-10-102521	10/25/2021	5.1			<0.02	U		<0.002	U		<0.002	U		<0.098	U		<0.0002	U		81			14		
	20 ft	VMP-50-20-022521	2/25/2021	0.76			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			21		
		VMP-50-20-022521-DUP	2/25/2021	0.75			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
		VMP-50-20-050721	5/7/2021	0.76			<0.02	U		<0.002	U		<0.002	U		0.0045	J		<0.0002	U		80			19		
		VMP-50-20-050721-DUP	5/7/2021	0.77			<0.02	U		<0.002	U		<0.002	U		0.0067	J		<0.0002	U		80			19		
30 ft	VMP-50-20-072321	7/23/2021	1.6			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		81			17			
	VMP-50-20-102521	10/25/2021	2.5			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		82			15			
	VMP-50-30-012621	1/26/2021	1.5			<0.025	U		<0.0025	U		<0.0025	U		0.98			0.00042			78			20			
	VMP-50-30-050721	5/7/2021	1.1			<0.02	U		<0.002	U		<0.002	U		<0.1	U		0.00013	J		80			19			
VMP-51	5 ft	VMP-50-30-072321	7/23/2021	1.6			<0.022	U		<0.0022	U		<0.0022	U		0.0064	J		0.00087			80			18		
		VMP-50-30-102521	10/25/2021	3.2			<0.019	U		<0.0019	U		<0.0019	U		<0.097	U		0.0012			80			17		
		VMP-51-5-012221	1/22/2021	0.38			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.0001	J		79			21		
		VMP-51-5-050421	5/4/2021	0.38			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		81			19		
	10 ft	VMP-51-5-072321	7/23/2021	1.3			<0.023	U		<0.0023	U		<0.0023	U		0.0038	J		0.0001	J		81			18		
		VMP-51-5-102521	10/25/2021	1.1			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.00012	J		79			20		
		VMP-51-10-012221	1/22/2021	0.57			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			21		
		VMP-51-10-050421	5/4/2021	0.84			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			19		
	20 ft	VMP-51-10-072321	7/23/2021	2.6			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			17		
		VMP-51-10-102521	10/25/2021	2.2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			19		
		VMP-51-20-012221	1/22/2021	1.6			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			20		
		VMP-51-20-050421	5/4/2021	0.94			<0.021	U		<0.0021	U		<0.0021	U		0.0076	J		<0.00021	U		80			19		
30 ft	VMP-51-20-072321	7/23/2021	1.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18			
	VMP-51-20-102521	10/25/2021	3.1			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			18			
	VMP-51-30-012221	1/22/2021	2.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		77			20			
	VMP-51-30-050421	5/4/2021	1.5			<0.022	U		<0.0022	U		<0.0022	U		0.03	J		<0.00022	U		80			19			
VMP-52	5 ft	VMP-51-30-072321	7/23/2021	1.8			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		80			18		
		VMP-51-30-102521	10/25/2021	3.2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			18		
		VMP-52-5-012221	1/22/2021	0.6		J	<0.025	U		<0.0025	U		<0.0025	U		0.094	J	J	0.00016	J		78			21		
		VMP-52-5-012221-DUP	1/22/2021	0.37		J	<0.023	U		<0.0023	U		<0.0023	U		5.1		J	0.00016	J		74			20		
	10 ft	VMP-52-5-050421	5/4/2021	1.7			<0.02	U		<0.002	U		<0.002	U		0.0049	J		<0.0002	U		80			18		
		VMP-52-5-072221	7/22/2021	3.9			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		81			15		
		VMP-52-5-110221	11/2/2021	1.6			<0.02	U		<0.002	U		<0.002	U		<0.098	U		<0.0002	U		78			20		
		VMP-52-10-012221	1/22/2021	3.7			<0.024	U		<0.0024	U		<0.0024	U		0.029	J		<0.00024	U		77			19		
	20 ft	VMP-52-10-050421	5/4/2021	1.8			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		81			17		
		VMP-52-10-072221	7/22/2021	3.6			<0.024	U		<0.0024	U		<0.0024	U		0.019	J		<0.00024	U		82			14		
		VMP-52-10-110221	11/2/2021	6			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		78			16		
		VMP-52-20-012221	1/22/2021	3.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00012	J		78			18		
30 ft	VMP-52-20-050421	5/4/2021	3.2			<0.021	U		<0.0021	U		<0.0021	U		0.015	J		0.000089	J		80			17			
	VMP-52-20-072221	7/22/2021	3.1			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		80			17			
	VMP-52-20-110221	11/2/2021	3.6			<0.02	U		<0.002	U		<0.002	U		<0.099	U		<0.0002	U		79			17			
	VMP-52-20-110221-DUP	11/2/2021	3.5			<0.019	U		<0.0019	U		<0.0019	U		<0.094	U		<0.00019	U		80			17			
30 ft	VMP-52-30-012221	1/22/2021	3.4			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			18			
	VMP-52-30-050421	5/4/2021	3.1			<0.02	U		<0.002	U		<0.002	U		0.02	J		0.000095	J		80			17			
	VMP-52-30-072221	7/22/2021	3			<0.023	U		<0.0023	U		<0.0023	U		0.0077	J		<0.00023	U		79			18			
	VMP-52-30-110221	11/2/2021	3.5			<0.02	U		<0.002	U		<0.002	U		<0.099	U		<0.0002	U		80			17			

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-53-5-012121	1/21/2021	0.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-53-5-050421	5/4/2021	0.73			<0.02	U		<0.002	U		<0.002	U		0.0096	J		<0.0002	U		80			19		
		VMP-53-5-072221	7/22/2021	1.7			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			19		
		VMP-53-5-102221	10/22/2021	0.96			<0.019	U		<0.0019	U		<0.0019	U		<0.094	U		<0.00019	U		79			20		
	10 ft	VMP-53-10-012121	1/21/2021	0.27			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
		VMP-53-10-050421	5/4/2021	0.48			<0.019	U		<0.0019	U		<0.0019	U		<0.095	U		<0.00019	U		80			20		
		VMP-53-10-050421-DUP	5/4/2021	0.48			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		80			20		
		VMP-53-10-060321-R	6/3/2021	0.86			<0.022	U		<0.0022	U		<0.0022	U		0.01	J		<0.00022	U		79			20		
		VMP-53-10-072221	7/22/2021	1.2			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			19		
		VMP-53-10-102221	10/22/2021	0.82			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			20		
	20 ft	VMP-53-20-012121	1/21/2021	0.64			<0.025	U		<0.0025	U		<0.0025	U		0.021	J		<0.00025	U		79			20		
		VMP-53-20-050421	5/4/2021	0.53			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			19		
		VMP-53-20-072221	7/22/2021	1.6			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			18		
		VMP-53-20-102221	10/22/2021	1.2			<0.02	U		<0.002	U		<0.002	U		0.014	J		<0.0002	U		79			20		
	30 ft	VMP-53-30-012121	1/21/2021	1.9			<0.024	U		<0.0024	U		<0.0024	U		0.025	J		<0.00024	U		79			19		
		VMP-53-30-050421	5/4/2021	1.9			<0.02	U		<0.002	U		<0.002	U		0.011	J		0.0003			80			18		
VMP-53-30-072221		7/22/2021	2.3			<0.022	U		<0.0022	U		<0.0022	U		0.007	J		<0.00022	U		80			18			
VMP-53-30-102221		10/22/2021	2.6			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		79			18			
VMP-53-30-102221-DUP		10/22/2021	2.6			<0.019	U		<0.0019	U		<0.0019	U		<0.094	U		<0.00019	U		79			18			
VMP-54	5 ft	VMP-54-5-012821	1/28/2021	1.9			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			19		
		VMP-54-5-050421	5/4/2021	2.8			<0.019	U		<0.0019	U		<0.0019	U		0.01	J		<0.00019	U		80			17		
		VMP-54-5-072221	7/22/2021	4.4			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		82			14		
		VMP-54-5-102921	10/29/2021	3.3			<0.019	U		<0.0019	U		<0.0019	U		0.0067	J		<0.00019	U		80			17		
	10 ft	VMP-54-10-012821	1/28/2021	2.5			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			18		
		VMP-54-10-012821-DUP	1/28/2021	2.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		
		VMP-54-10-050421	5/4/2021	2.2			<0.019	U		<0.0019	U		<0.0019	U		0.015	J		<0.00019	U		80			18		
		VMP-54-10-072221	7/22/2021	3.4			<0.021	U		<0.0021	U		<0.0021	U		0.0084	J		<0.00021	U		81			16		
		VMP-54-10-102921	10/29/2021	4			<0.02	U		<0.002	U		<0.002	U		<0.099	U		<0.0002	U		79			17		
	20 ft	VMP-54-20-012821	1/28/2021	3.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			17		
		VMP-54-20-050421	5/4/2021	2.3			<0.02	U		<0.002	U		<0.002	U		0.029	J		<0.0002	U		81			17		
		VMP-54-20-072221	7/22/2021	2.7			<0.021	U		<0.0021	U		<0.0021	U		0.013	J		<0.00021	U		80			17		
		VMP-54-20-102921	10/29/2021	4.1			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		80			16		
	30 ft	VMP-54-30-012821	1/28/2021	0.32			<0.024	U		<0.0024	U		<0.0024	U		1.1			0.00011	J		78			20		
		VMP-54-30-050421	5/4/2021	1.7			<0.019	U		<0.0019	U		<0.0019	U		1.6			0.000083	J		79			18		
		VMP-54-30-050421-DUP	5/4/2021	1.7			<0.019	U		<0.0019	U		<0.0019	U		1.6			0.000088	J		79			18		
VMP-54-30-072221		7/22/2021	5			<0.023	U		<0.0023	U		<0.0023	U		0.093	J		<0.00023	U		80			15			
VMP-54-30-102921	10/29/2021	0.58			<0.022	U		<0.0022	U		<0.0022	U		0.036	J		<0.00022	U		81			18				
VMP-55	20 ft	VMP-55-20-012821	1/28/2021	15			<0.023	U		0.00026	J		<0.0023	U		0.069	J		1.4			77			6.9		
		VMP-55-20-051121	5/11/2021	16			<0.02	U		0.003			<0.002	U		0.026	J		7.3			75			1.6		
		VMP-55-20-072821	7/28/2021	16			<0.022	U		0.0044			<0.0022	U		0.01	J		12			70			1.3		
		VMP-55-20-102721	10/27/2021	17			<0.022	U		0.005			<0.0022	U		0.03	J		14			67			1.4		
VMP-56	10 ft	VMP-56-10-012121	1/21/2021	0.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-56-10-050521	5/5/2021	0.28			<0.024	U		<0.0024	U		<0.0024	U		0.013	J		0.00013	J		79			21		
		VMP-56-10-072621	7/26/2021	1.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			19		
		VMP-56-10-102221	10/22/2021	0.84			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		79			20		
	25 ft	VMP-56-25-012121	1/21/2021	0.11			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00012	J		79			21		
		VMP-56-25-012121-DUP	1/21/2021	0.11			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00013	J		79			21		
		VMP-56-25-050521	5/5/2021	0.27			<0.023	U		<0.0023	U		<0.0023	U		0.0056	J		0.00016	J		79			21		
		VMP-56-25-050521-DUP	5/5/2021	0.27			<0.022	U		<0.0022	U		<0.0022	U		0.0068	J		0.00014	J		79			21		
VMP-56-25-072621	7/26/2021	1.7			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			18				
VMP-56-25-102221	10/22/2021	0.49			<0.022	U		<0.0022	U		<0.0022	U		0.021	J		0.00014	J		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-62	5 ft	VMP-62-5-012221	1/22/2021	1.1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
		VMP-62-5-050621	5/6/2021	2.1			<0.02	U		<0.002	U		<0.002	U		0.16			<0.0002	U		81			17		
		VMP-62-5-072321	7/23/2021	6.7			<0.022	U		<0.0022	U		<0.0022	U		0.0032	J		<0.00022	U		77			16		
		VMP-62-5-110121	11/1/2021	2.9			<0.028	U		<0.0028	U		<0.0028	U		0.01	J		<0.00028	U		78			19		
	10 ft	VMP-62-10-012221	1/22/2021	1.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			20		
		VMP-62-10-050621	5/6/2021	1.8			<0.02	U		<0.002	U		<0.002	U		0.015	J		<0.0002	U		80			18		
		VMP-62-10-072321	7/23/2021	5.2			<0.022	U		<0.0022	U		<0.0022	U		0.0068	J		<0.00022	U		79			16		
		VMP-62-10-110121	11/1/2021	3.5			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		78			18		
	20 ft	VMP-62-20-050621	5/6/2021	1.7			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		80			18		
		VMP-62-20-072321	7/23/2021	3			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00012	J		80			17		
		VMP-62-20-110121	11/1/2021	3.6			<0.02	U		<0.002	U		<0.002	U		0.015	J		<0.0002	U		78			18		
		VMP-62-20-110121-DUP	11/1/2021	2.6			<0.02	U		<0.002	U		<0.002	U		0.0036	J		<0.0002	U		78			19		
	30 ft	VMP-62-30-012221	1/22/2021	1.6			<0.021	U		<0.0021	U		<0.0021	U		3.6			<0.00021	U		76			19		
		VMP-62-30-050621	5/6/2021	1.2			<0.02	U		<0.002	U		<0.002	U		<0.099	U		<0.0002	U		80			19		
VMP-62-30-072321		7/23/2021	1.8			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			18			
VMP-62-30-110121		11/1/2021	2.6			<0.02	U		<0.002	U		<0.002	U		0.0036	J		<0.0002	U		78			19			
VMP-63	5 ft	VMP-63-5-012921	1/29/2021	0.18			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-63-5-050521	5/5/2021	0.6			<0.022	U		<0.0022	U		<0.0022	U		0.0098	J		0.000087	J		79			20		
		VMP-63-5-072621	7/26/2021	1.4			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		80			19		
		VMP-63-5-102621	10/26/2021	0.55			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			21		
	10 ft	VMP-63-10-012921	1/29/2021	0.22			<0.026	U		<0.0026	U		<0.0026	U		0.017	J		0.00022	J		79			21		
		VMP-63-10-050521	5/5/2021	0.57			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			20		
		VMP-63-10-072621	7/26/2021	1.6			<0.021	U		<0.0021	U		<0.0021	U		0.031	J		<0.00021	U		79			19		
		VMP-63-10-102621	10/26/2021	0.73			<0.024	U		<0.0024	U		<0.0024	U		0.0078	J		<0.00024	U		79			20		
	20 ft	VMP-63-20-012921	1/29/2021	0.67			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			21		
		VMP-63-20-050521	5/5/2021	0.57			<0.023	U		<0.0023	U		<0.0023	U		0.0053	J		<0.00023	U		79			20		
		VMP-63-20-072621	7/26/2021	1.7			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			19		
		VMP-63-20-102621	10/26/2021	1.5			<0.025	U		<0.0025	U		<0.0025	U		0.0063	J		<0.00025	U		78			20		
	30 ft	VMP-63-30-012921	1/29/2021	1.4			<0.025	U		<0.0025	U		<0.0025	U		0.018	J		<0.00025	U		78			21		
		VMP-63-30-050521	5/5/2021	0.87			<0.022	U		<0.0022	U		<0.0022	U		0.025	J		<0.00022	U		79			20		
VMP-63-30-072621		7/26/2021	1.4			<0.02	U		<0.002	U		<0.002	U		0.038	J		<0.0002	U		81			18			
VMP-63-30-072621-DUP		7/26/2021	1.5			<0.034	U		<0.0034	U		<0.0034	U		0.05	J		<0.00034	U		80			19			
VMP-63-30-102621	10/26/2021	2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			20				
	10/26/2021	2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			20				
VMP-64	5 ft	VMP-64-5-012221	1/22/2021	0.34			<0.025	U		<0.0025	U		<0.0025	U		0.066	J		0.000093	J		79			21		
		VMP-64-5-050621	5/6/2021	0.24			<0.022	U		<0.0022	U		<0.0022	U		2.2			<0.00022	U		80			20		
		VMP-64-5-073021	7/30/2021	2.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		81			17		
		VMP-64-5-110121	11/1/2021	1.2			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		78			21		
	10 ft	VMP-64-10-012221	1/22/2021	2.4			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			20		
		VMP-64-10-050621	5/6/2021	1.8			<0.022	U		<0.0022	U		<0.0022	U		0.24			<0.00022	U		80			18		
		VMP-64-10-073021	7/30/2021	3.6			<0.023	U		<0.0023	U		<0.0023	U		0.18			<0.00023	U		81			15		
		VMP-64-10-110121	11/1/2021	4.8			<0.02	U		<0.002	U		<0.002	U		0.0098			<0.0002	U		78			17		
	VMP-64-20-012221	1/22/2021	3.6			<0.024	U		<0.0024	U		<0.0024	U		0.022	J		<0.00024	U		78			18			
		5/6/2021	2.3			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			18			
VMP-64-20-073021	7/30/2021	3			<0.022	U		<0.0022	U		<0.0022	U		0.058	J		<0.00022	U		81			16				
	11/1/2021	4.8			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		79			16				

Notes:

Bold results are detections above the RL, or estimated detections between the MDL and RL.

Lab Qualifiers

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

AECOM Qualifiers

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

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)	1/22/2021	08:31	-12.10	34.41	0.0	0	0.4	20.4	0.2	1.8	0.0	1.8	
SVE-03R		2/23/2021	14:57	-12.98	35.11	0.0	0	0.3	20.7	1.1	17.8	10.3	7.5	
SVE-03R		3/18/2021	12:48	-15.00	34.89	0.0	0	0.3	20.5	0.1	5.9	2.3	3.6	
SVE-03R		4/29/2021	12:16	-15.14	34.19	0.0	0	0.4	20.6	1.5	11.8	0.0	11.8	
SVE-03R		5/19/2021	13:40	-13.63	33.88	0.0	0	0.6	19.8	0.0	0.3	0.0	0.3	
SVE-03R		6/15/2021	14:20	-1.62	35.25	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-03R		7/20/2021	14:33	-0.43	35.36	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-03R		8/19/2021	08:57	-0.58	35.21	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-03R		9/8/2021	12:57	-0.25	35.42	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-03R		10/20/2021	13:17	NM	35.98	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-03R		11/18/2021	12:20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-03R		12/15/2021	14:11	0.25	36.53	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	427.04-437.04 (5-15)	1/19/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		2/23/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		3/18/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		4/28/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		5/19/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		6/16/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		7/20/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		8/18/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		9/8/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		10/21/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		11/18/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		12/15/2021	00:00	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)	1/19/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		2/23/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		3/18/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		4/28/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		5/19/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		6/16/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		7/20/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		8/18/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		9/8/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		10/21/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		11/18/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		12/15/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	424.04-434.04 (10-20)	1/19/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		2/23/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		3/18/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		4/28/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		5/19/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		6/16/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		7/20/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		8/18/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		9/8/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		10/21/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		11/18/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		12/15/2021	00:00	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-07	423.71-433.71 (10-20)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		12/15/2021	00 00	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)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		12/15/2021	00 00	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)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		12/15/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10	422.74-432.74 (10-20)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		12/15/2021	00 00	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-11	423 56-433.56 (10-20)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		12/15/2021	00 00	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)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		12/15/2021	00 00	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)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		12/15/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14	423 87-433.87 (10-20)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		12/15/2021	00 00	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-15	424.15-434.15 (10-20)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		12/15/2021	00 00	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)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		12/15/2021	00 00	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)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		12/15/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18	426 93-436.93 (8-18)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		12/15/2021	00 00	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-19	423.44-433.44 (11-21)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		12/15/2021	00 00	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)	1/19/2021	11 59	-36.10	36 69	OVR	OVR	10 6	4.5	588	104000	71760	32240	
SVE-20		2/23/2021	12 35	-51.10	35.17	78.4	OVR	9.4	6.7	483	105000	83130	21870	
SVE-20		3/17/2021	11 27	-57 60	34 91	OVR	OVR	9.5	6.4	445	118000	109000	9000	
SVE-20		4/28/2021	12:18	-58 50	33 98	OVR	OVR	10.4	4.7	516	112000	88840	23160	
SVE-20		5/19/2021	11:10	-57 20	35 95	84.5	OVR	9.6	5.7	634	97350	81150	16200	
SVE-20		6/15/2021	13 03	-54 90	33.73	83.9	OVR	10 2	5.1	461	115000	79330	35670	
SVE-20		7/20/2021	10:40	-58.40	NE	70.9	OVR	11 2	3.7	437	146000	119000	27000	
SVE-20		8/18/2021	11 24	-60.40	34 21	58.4	OVR	11.4	2.3	481	144000	127000	17000	
SVE-20		9/8/2021	09 28	-63.10	34 69	35.1	OVR	11.4	2.7	425	136000	109000	27000	
SVE-20		10/20/2021	10 24	-66 50	32.43	11.3	OVR	11 0	3.6	196	55650	46240	9410	
SVE-20		11/18/2021	13 07	-58 20	NE	30.3	OVR	12 6	1.3	335	103000	86140	16860	
SVE-20		12/15/2021	10 30	-59 50	33 95	15.9	OVR	11.1	3.8	263	62350	49350	13000	
SVE-21	408 29-418.29 (25-35)	1/22/2021	08:41	-22 00	34.45	1.1	22	1.4	19.2	158	2284	713	1571	
SVE-21		2/24/2021	09 50	-26 95	34.42	2 3	46	1.1	19.6	257	3269	599	2670	
SVE-21		3/18/2021	12 36	-32 60	34.45	1 5	31	1.0	19.6	205	2974	1174	1800	
SVE-21		4/29/2021	12 31	-31 82	34 38	1.4	29	1.3	19.3	241	3309	1826	1483	
SVE-21		5/19/2021	14 32	-31 24	34 39	1 2	24	1.3	19.0	183	2330	1258	1072	
SVE-21		6/16/2021	14 01	-29.47	34.43	0 9	19	1.5	18.6	134	2682	1516	1166	
SVE-21		7/20/2021	11 25	-32 01	34 35	1.1	22	1.6	18.7	163	3766	2792	974	
SVE-21		8/18/2021	13 38	-33 90	34 28	1 5	30	1.9	18.5	154	5112	3825	1287	
SVE-21		9/8/2021	11 20	-47 00	34.18	1 9	38	2.1	18.5	163	6639	4781	1858	
SVE-21		10/20/2021	12 32	-48.10	34.15	2.1	43	2.0	18.4	192	6733	5252	1481	
SVE-21		11/18/2021	14 21	-29 96	34.49	1 8	36	2.1	18.0	168	6125	4746	1379	
SVE-21		12/15/2021	12 50	-33 90	NE	2 5	50	1.8	18.7	187	9128	5457	3671	
SVE-22	404 37-414.37 (25-35)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		12/15/2021	00 00	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-23	405.75-415.75 (15-25)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		12/15/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-24	409 22-419.22 (15-25)	1/22/2021	08 58	-28 80	19 33	0 5	11	3.0	17.3	79.1	3297	2885	412	
SVE-24		2/24/2021	10 05	-35 66	19 25	0 6	12	3.0	17.3	62.7	3192	2762	430	
SVE-24		3/18/2021	10 39	-43 00	19.15	1 0	20	3.1	16.8	59.9	6277	5948	329	
SVE-24		4/29/2021	12:45	-44.10	16 85	1.1	22	3.2	16.8	89.6	6601	6266	335	
SVE-24		5/19/2021	14 56	-40 00	21.72	0.4	8	2.7	17.4	47.8	2008	1817	191	
SVE-24		6/16/2021	13 28	-43 30	19.75	0.4	8	2.7	17.2	52.8	2019	1668	351	
SVE-24		7/20/2021	11 37	-40.75	17 90	0.4	8	3.4	16.3	41.8	2567	2567	0.0	
SVE-24		8/18/2021	13 09	-45 20	15 84	0.4	9	3.8	16.1	68.8	2401	2233	168	
SVE-24		9/8/2021	11 33	-47 00	17 68	0.4	8	4.0	16.2	38.9	1956	1644	312	
SVE-24		10/20/2021	12 32	-48.10	22 80	0.4	7	3.7	16.2	50.7	1719	1546	173	
SVE-24		11/19/2021	11 00	-41 20	18.78	0.4	9	3.6	16.7	69.4	2407	1941	466	
SVE-24		12/15/2021	13:13	-44.10	NE	0.7	15	3.4	16.5	65.3	4179	3257	922	
SVE-25	422-432 (10-20)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		12/15/2021	00 00	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)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		12/15/2021	00 00	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-27	405 93-415.93 (20-30)	1/22/2021	09:13	-30.70	26 93	OVR	OVR	6.3	11.9	1564	84120	16170	67950	
SVE-27		2/24/2021	14 30	-38 08	NE	OVR	OVR	5.6	12.4	1703	67910	16940	50970	
SVE-27		3/18/2021	10 51	-45 80	29.19	OVR	OVR	5.6	12.5	1602	48970	11560	37410	
SVE-27		4/29/2021	13 01	-47 20	25 83	OVR	OVR	6.4	10.9	1667	50390	13470	36920	
SVE-27		5/19/2021	14:45	-42.74	NE	OVR	OVR	6.1	11.4	1784	35500	12540	22960	
SVE-27		6/16/2021	13:48	-43 30	28 01	OVR	OVR	7.0	10.0	1709	58870	20350	38520	
SVE-27		7/20/2021	11 50	-46.40	NE	81.4	OVR	6.5	10.9	1624	41730	16510	25220	
SVE-27		8/18/2021	13 24	-47.70	26.73	82.4	OVR	7.1	10.4	1717	41760	17520	24240	
SVE-27		9/8/2021	11:45	-50 20	27.17	82.5	OVR	8.0	9.4	1739	53710	22550	31160	
SVE-27		10/20/2021	12:12	-51 50	28 20	OVR	OVR	8.1	9.2	1732	60030	24360	35670	
SVE-27		11/19/2021	11:13	-43 30	27 33	OVR	OVR	7.5	10.7	1420	69000	32000	37000	
SVE-27		12/15/2021	13 03	-47.70	NE	OVR	OVR	4.7	10.0	1411	54560	22550	32010	
SVE-28		392 94-402.94 (41-51)	1/19/2021	00 00	NM	39 90	NM	NM	NM	NM	NM	NM	NM	NM
SVE-28	2/23/2021		00 00	NM	40 54	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28	3/18/2021		00 00	NM	40.78	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28	4/28/2021		00 00	NM	40 39	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28	5/19/2021		00 00	NM	40 25	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28	6/16/2021		00 00	NM	40 07	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28	7/20/2021		00 00	NM	40 20	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28	8/18/2021		00 00	NM	39 96	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28	9/8/2021		00 00	NM	39 88	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28	10/21/2021		00 00	NM	40.40	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28	11/18/2021		00 00	NM	40 84	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28	12/15/2021		00 00	NM	40 95	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29	412 93-422.93 (21-31)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		2/23/2021	13 27	-27 06	33 57	0 0	0	2.5	19.0	0 5	22.8	14.4	8.4	
SVE-29		3/17/2021	12:16	-35 91	33 33	0 0	0	2.1	19.4	0 4	14.6	5.9	8.7	
SVE-29		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		12/15/2021	00 00	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)	1/19/2021	12 37	-22 53	37 51	1 3	26	7.2	11.8	202	1598	712	886	
SVE-30		2/23/2021	13:17	-27.17	NE	6 8	OVR	9.2	7.8	573	9420	4290	5130	
SVE-30		3/17/2021	12 07	-35 98	34 61	11.0	OVR	8.7	9.1	512	16160	9890	6270	
SVE-30		4/28/2021	13 20	-40 50	34 23	1 8	36	5.3	14.3	306	2113	984	1129	
SVE-30		5/19/2021	12:11	-45 20	33.44	1 6	32	5.2	13.4	358	2250	678	1572	
SVE-30		6/16/2021	11 55	-37 52	34.47	0 7	15	4.5	14.4	136	1213	291	922	
SVE-30		7/20/2021	13:15	-47 30	33.75	1 3	26	4.4	14.4	172	2379	1401	978	
SVE-30		8/18/2021	12 05	-50.10	33.44	2 7	55	4.7	14.3	286	4513	2617	1896	
SVE-30		9/8/2021	10 08	-59.40	32 68	3 3	67	4.9	14.0	225	5962	3307	2655	
SVE-30		10/20/2021	11 01	-60 90	33.40	4 8	97	5.4	13.3	426	11130	6490	4640	
SVE-30		11/19/2021	09:12	-46.40	34 32	9 0	OVR	6.2	12.1	445	17400	11550	5850	
SVE-30		12/15/2021	11 05	-46.40	34 07	4 4	88	5.3	13.5	226	6337	4284	2053	

**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-31	407 81-417.81 (25-35)	1/19/2021	12 37	-22 59	36.10	28.2	OVR	5.0	13.7	1082	11600	7387	4213	
SVE-31		2/23/2021	13:10	-27 29	34.44	35.4	OVR	4.0	15.0	1190	17250	9560	7690	
SVE-31		3/17/2021	11 56	-36 09	35 56	63.5	OVR	4.3	13.6	1385	40260	20250	20010	
SVE-31		4/28/2021	13 01	-41.40	31.41	33.8	OVR	4.7	13.7	1172	20440	8920	11520	
SVE-31		5/19/2021	11 59	-46.10	31 57	22.1	OVR	4.5	13.6	1602	11300	3034	8266	
SVE-31		6/16/2021	11:42	-40 20	34.13	3.7	74	2.7	17.0	424	5783	2178	3605	
SVE-31		7/20/2021	12:49	-47 30	33.75	5 5	OVR	3.0	16.8	563	8778	4383	4395	
SVE-31		8/18/2021	11 55	-51 30	32 33	6.7	OVR	3.1	17.2	593	11100	5638	5462	
SVE-31		9/8/2021	10 01	-59 50	32.75	8.1	OVR	3.1	16.7	533	13200	6146	7054	
SVE-31		10/20/2021	14 02	-60 20	32 05	13.1	OVR	3.1	17.1	741	18500	8624	9876	
SVE-31		11/18/2021	14 06	-42.40	33 84	12.9	OVR	3.2	16.6	686	16500	8946	7554	
SVE-31		12/15/2021	10 53	-46.40	32.43	5.4	OVR	2.5	17.7	467	10200	4463	5737	
SVE-32	408 63-418.63 (25-35)	1/19/2021	12 24	-22.40	37.48	80.7	OVR	7.6	8.8	648	81650	54980	26670	
SVE-32		2/23/2021	13 03	-27.42	37 06	OVR	OVR	7.2	9.6	623	110000	77490	32510	
SVE-32		3/17/2021	11:48	-36 02	36.49	82.5	OVR	6.4	11.0	589	97190	61070	36120	
SVE-32		4/28/2021	12 50	-41.40	36 67	82.9	OVR	6.7	10.2	682	74760	50270	24490	
SVE-32		5/19/2021	11:48	-46 30	35 58	77.0	OVR	6.5	10.5	863	47410	33620	13790	
SVE-32		6/15/2021	13 36	-42 80	34.47	53.8	OVR	5.6	11.8	628	61210	40190	21020	
SVE-32		7/20/2021	12 38	-47.70	35.16	65.1	OVR	6.3	10.4	666	85250	57960	27290	
SVE-32		8/18/2021	11:44	-52.10	31 98	59.7	OVR	6.2	11.1	884	81710	58210	23500	
SVE-32		9/8/2021	09 52	-59 50	31 59	67.5	OVR	6.5	10.6	747	90120	62830	27290	
SVE-32		10/20/2021	10:40	-57.70	36.71	72.4	OVR	7.2	9.8	597	102000	69560	32440	
SVE-32		11/18/2021	13:44	-42.40	35.42	83.2	OVR	7.4	9.3	658	106000	72510	33490	
SVE-32		12/15/2021	10:43	-46.10	35 64	72.1	OVR	6.3	11.2	583	96330	64240	32090	
SVE-33	408.46-418.46 (25-35)	1/19/2021	12:12	-23 92	37.49	0.7	14	5.3	13.3	54.7	2237	2109	128	
SVE-33		2/23/2021	12:49	-29 22	NE	0.7	14	4.6	14.7	52.7	2878	2586	292	
SVE-33		3/17/2021	11 39	-37 34	36 82	0.4	9	4.2	15.5	35.1	1617	1501	116	
SVE-33		4/28/2021	12 36	-43 30	36 34	1.4	29	4.2	15.1	105	5214	4719	495	
SVE-33		5/19/2021	11:40	-47.10	NE	1 8	37	4.1	15.0	106	7308	7195	113	
SVE-33		6/15/2021	13 23	-44 00	34 92	3 0	60	4.7	13.9	176	10700	9786	914	
SVE-33		7/20/2021	10 52	-49 00	36.41	0 3	6	3.7	15.8	28.3	1521	1415	106	
SVE-33		8/18/2021	11 35	-53 50	32 22	0.1	3	4.5	14.5	18.9	417	333	84 0	
SVE-33		9/8/2021	09:44	-61.70	31.73	2 6	53	5.8	12.4	129	15940	13250	2690	
SVE-33		10/21/2021	10:13	-66 80	30.75	1 0	21	6.4	12.0	77.2	6090	5130	960	
SVE-33		11/18/2021	13 27	-45.10	34 95	0.4	9	6.9	11.0	36.3	3110	2440	670	
SVE-33		12/15/2021	12 28	-46 80	34 33	0 2	5	6.0	12.9	41.7	502	318	184	
SVE-34	398.76-418.76 (25-45)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		12/15/2021	00 00	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-35	402 84-412.84 (31-41)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		12/15/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36	423 65-433.65 (10-20)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		12/15/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37	409-419 (25-35)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		5/19/2021	12 30	-36 06	35 62	0 0	0	2.9	18.6	0 0	0 0	0.0	0.0	
SVE-37		6/16/2021	12:15	-36 97	34.79	0 0	0	1.9	18.9	1.1	6.4	1.0	5.4	
SVE-37		7/20/2021	13 04	-42 80	34 07	0 0	0	2.1	18.6	0 5	12.5	8.4	4.1	
SVE-37		8/18/2021	12 21	-44 50	34 21	0 0	0	2.3	18.5	1 2	22.3	10 6	11.7	
SVE-37		9/8/2021	10 25	-47 80	33 80	0 0	0	2.4	18.6	2 5	50.3	17 8	32 5	
SVE-37		10/21/2021	10 28	-47 80	33.15	0 2	4	2.4	18.6	29.4	273	42	231	
SVE-37		11/19/2021	09 34	-42 30	34 64	0.1	2	2.5	18.5	17.6	152	13.7	138.3	
SVE-37		12/15/2021	11:19	-43 20	34.18	0.1	2	2.1	18.8	11.8	146	45 2	100.8	
SVE-38	409-419 (25-35)	1/19/2021	13 21	-31 02	28 34	0 0	0	2.4	18.5	0 0	0 0	0.0	0.0	
SVE-38		2/23/2021	13:45	-38 28	28 91	0 0	1	2.2	19.0	7.4	182	128	54 0	
SVE-38		3/17/2021	12 34	-41.74	27 07	0 0	0	1.9	19.5	0 3	3 2	0.0	3.2	
SVE-38		4/29/2021	10 06	-48 50	26.17	0 0	0	1.9	19.4	5.7	50.6	23.4	27 2	
SVE-38		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		12/15/2021	00 00	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-39	409.5-419.5 (25-35)	1/20/2021	13 39	-30.18	32 26	2 0	40	3.4	16.6	98.7	6201	4899	1302	
SVE-39		2/24/2021	09 35	-36 81	29 93	1.4	29	3.2	16.8	97.2	4215	3179	1036	
SVE-39		3/18/2021	12:16	-46.10	30.78	1 5	30	2.9	17.2	211	3273	1809	1464	
SVE-39		4/30/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
SVE-39		5/19/2021	14:14	-35 06	30 52	0 8	16	2.8	17.0	89.7	1530	876	654	
SVE-39		6/16/2021	13 06	-36 26	30 81	1 0	20	2.8	16.9	93.8	3095	1784	1311	
SVE-39		7/20/2021	12 03	-39 69	30 08	1.1	22	3.1	16.5	124	2867	2021	846	
SVE-39		8/18/2021	13 53	-43.40	30 98	1 0	21	3.3	16.4	98.5	2788	1983	805	
SVE-39		9/8/2021	11 05	-47 30	30 03	1.1	22	3.4	16.7	86.9	3052	1984	1068	
SVE-39		10/20/2021	12 59	-47 80	30.16	1.1	22	3.4	16.8	106	3041	2008	1033	
SVE-39		11/18/2021	14 06	-37 89	30 87	2 3	46	3.5	16.2	174	6047	4375	1672	
SVE-39		12/15/2021	12 37	-42 00	30.41	1.1	23	3.2	17.0	83.7	3552	2274	1278	
SVE-40	409-419 (25-35)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		12/15/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41	413-423 (20-30)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		6/16/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		7/20/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		8/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		9/8/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		10/21/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		12/15/2021	00 00	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)	1/20/2021	12:46	-17 07	33 08	1 0	20	2.4	18.1	88.6	3523	2565	958	
SVE-42		2/24/2021	08 53	-22 20	33.46	2 0	41	3.0	17.4	155	5446	3505	1941	
SVE-42		3/18/2021	11 05	-25 50	33.41	0 8	16	2.7	17.9	85.7	2138	1338	800	
SVE-42		4/29/2021	10:41	-25.17	33.18	0.4	9	2.4	18.5	38.3	1434	884	550	
SVE-42		5/19/2021	13:15	-24.15	30 61	0 5	10	1.9	18.4	73.3	1124	751	373	
SVE-42		6/15/2021	14 35	-1.89	33 56	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		7/20/2021	14 20	-2.11	34 04	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		8/19/2021	08 23	-0.01	34 31	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		9/8/2021	12 22	0.00	34 50	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		10/22/2021	13 35	0.00	34.70	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		12/15/2021	13 55	0.00	34.76	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-43	407.12-417.12 (25-35)	1/20/2021	13 00	-16.98	33.46	0 0	1	0.9	20.2	1.7	104	70.7	33.3	
SVE-43		2/24/2021	09 04	-22.27	33.42	0 0	0	1.0	20.2	0 8	25.5	14.3	11.2	
SVE-43		3/18/2021	11:14	-25.90	33.85	0 0	0	0.8	20.2	0 2	7.9	3.7	4.2	
SVE-43		4/29/2021	10 54	-24.97	33.57	0 0	0	0.9	20.3	0 0	0 0	0.0	0.0	
SVE-43		5/19/2021	13 26	-24.06	32.80	0 0	0	1.1	19.5	6 0	15.5	0.0	15.5	
SVE-43		6/15/2021	14:40	-0.97	34.57	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		7/20/2021	14:15	-0.91	34.74	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		8/19/2021	08 31	0.00	34.76	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		9/8/2021	12 27	0.00	34.75	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		10/22/2021	13:44	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		12/15/2021	14 01	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44	407.46-417.46 (25-35)	1/20/2021	13:12	-16.41	34.44	0 0	0	1.1	19.7	1 2	54.8	34.8	20.0	
SVE-44		2/24/2021	09:15	-21.31	24.45	0 0	1	1.2	19.9	0.7	44.1	29.7	14.4	
SVE-44		3/18/2021	12 06	-24.70	34.44	0 0	0	0.8	20.3	0 6	38.2	26.9	11.3	
SVE-44		4/29/2021	11:16	-24.42	34.43	0 0	0	0.8	20.3	0.7	75.8	52.9	22.9	
SVE-44		5/19/2021	13 50	-23.33	34.35	0 0	0	0.8	19.8	1 5	50.8	35.0	15.8	
SVE-44		6/15/2021	14:43	-1.28	34.44	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		7/20/2021	14 08	-1.48	34.45	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		8/19/2021	08 37	-0.17	34.43	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		9/8/2021	12 36	0.00	34.45	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		10/22/2021	13 52	-0.03	34.46	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		12/15/2021	14 06	0.00	34.52	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45	400.58-405.58 (37-42)	1/19/2021	00 00	NM	36.68	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		2/23/2021	00 00	NM	37.36	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		3/18/2021	00 00	NM	37.04	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		4/28/2021	00 00	NM	36.63	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		5/19/2021	00 00	NM	36.50	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		6/15/2021	14 29	-0.76	36.88	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		7/20/2021	14:42	-0.83	36.88	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		8/19/2021	09 04	0.00	36.79	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		9/8/2021	12 51	0.80	36.78	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		10/22/2021	13:11	-0.10	37.50	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		11/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		12/15/2021	14:19	-0.53	37.80	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46	417.85-427.85 (15-25)	1/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		2/23/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		3/18/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		4/28/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		5/19/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		6/15/2021	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		7/20/2021	14 30	-2.52	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		8/19/2021	08:45	-0.41	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		9/8/2021	12:16	0.00	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		10/22/2021	13 28	-0.13	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		11/18/2021	00 00	NM	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		12/15/2021	13:49	0.00	NE	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-47	419 01-429.01 (15-25)	1/20/2021	13:23	-19.20	20.90	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
SVE-47		2/23/2021	15:10	-23.65	20.65	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
SVE-47		3/18/2021	11:54	-28.40	20.50	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
SVE-47		4/29/2021	11:28	-28.18	19.61	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	
SVE-47		5/19/2021	14:00	-26.94	18.97	0.0	0	0.5	20.2	0.0	0.0	0.0	0.0	
SVE-47		6/15/2021	14:42	-0.11	21.25	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47		7/20/2021	14:25	-0.14	21.55	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47		8/19/2021	08:50	0.00	21.34	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47		9/8/2021	12:05	0.00	21.48	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47		10/22/2021	13:21	0.00	21.93	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47		11/18/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47		12/15/2021	13:44	NM	23.34	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

Notes:

- 1) NM = Not Measured; NA = Not Applicable; NE = Not Encountered; PID = Photo Ionization Detector; THC = Total Hydrocarbon Concentration; PHC = Petroleum Hydrocarbon Concentration; OVR = Over-range; ppmv = Parts Per Million By Volume; btoc = Below Top of Casing; 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	1/20/2021	09:00	-0.68	-0.63	0.0	0	0.2	20.4	0.0	0.0	0.0	0 0	
VMP-1-5	2/24/2021	10:15	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water in tedlar. Sample not screened.
VMP-1-5	3/18/2021	10:10	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water in tedlar. Sample not screened.
VMP-1-5	4/30/2021	10:15	-1.28	-0.77	0.0	0	0.1	20.8	0.0	0.0	0.0	0 0	
VMP-1-5	5/20/2021	08:50	-1.47	-0.66	0.0	0	0.3	20.4	0.0	0.0	0.0	0 0	
VMP-1-5	6/17/2021	10:00	-1.09	-0.33	0.0	0	0.4	20.3	0.0	0.0	0.0	0 0	
VMP-1-5	7/21/2021	10:25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-1-5	8/19/2021	09:55	-1.36	-0.47	0.0	0	0.8	19.9	0.0	0.0	0.0	0 0	
VMP-1-5	9/8/2021	13:43	-0.70	0.00	0.0	0	0.9	19.9	0.0	0.0	0.0	0 0	
VMP-1-5	10/21/2021	13:54	-0.63	-0.59	0.0	0	0.5	20.4	0.0	0.0	0.0	0 0	
VMP-1-5	11/18/2021	12:08	-0.88	-0.82	0.0	0	0.2	20.7	0.0	0.0	0.0	0 0	
VMP-1-5	12/16/2021	10:17	-1.22	-0.63	0.0	0	0.1	20.8	0.0	0.0	0.0	0 0	
VMP-1-8.5	1/20/2021	09:01	-4.20	-1.32	0.0	0	0.1	20.7	0.0	0.0	0.0	0 0	
VMP-1-8.5	2/24/2021	10:17	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water in tedlar. Sample not screened.
VMP-1-8.5	3/18/2021	10:11	-1.83	-2.07	0.0	0	0.1	20.6	0.0	0.0	0.0	0 0	
VMP-1-8.5	3/18/2021	10:11	NM	NM	0.0	0	0.1	20.6	0.0	0.0	0.0	0 0	Duplicate sample.
VMP-1-8.5	4/30/2021	10:16	-0.72	-0.57	0.0	0	0.1	20.9	0.0	0.0	0.0	0 0	
VMP-1-8.5	5/20/2021	08:52	-1.32	-1.15	0.0	0	0.1	20.8	0.0	0.0	0.0	0 0	
VMP-1-8.5	6/17/2021	10:01	-0.29	-0.59	0.0	0	0.3	20.4	0.0	0.0	0.0	0 0	
VMP-1-8.5	7/21/2021	10:26	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-1-8.5	8/19/2021	09:56	-2.60	-0.68	0.0	0	0.6	20.3	0.0	0.0	0.0	0 0	
VMP-1-8.5	9/8/2021	13:44	-0.88	-0.65	0.0	0	0.4	20.4	0.0	0.0	0.0	0 0	
VMP-1-8.5	10/21/2021	13:56	-0.68	-0.84	0.0	0	0.2	20.5	0.0	0.0	0.0	0 0	
VMP-1-8.5	11/18/2021	12:10	-0.89	-0.82	0.0	0	0.1	20.7	0.0	0.0	0.0	0 0	
VMP-1-8.5	12/16/2021	10:18	-0.93	-0.59	0.0	0	0.1	20.8	0.0	0.0	0.0	0 0	
VMP-1-8.5	12/16/2021	10:18	NM	NM	0.0	0	0.1	20.8	0.0	0.0	0.0	0 0	Duplicate sample.
VMP-1-23.5	1/20/2021	09:02	-0.55	-0.47	0.0	0	0.1	20.7	0.0	2.3	2.3	0 0	
VMP-1-23.5	2/24/2021	10:17	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-1-23.5	3/18/2021	10:12	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water in tedlar. Sample not screened.
VMP-1-23.5	4/30/2021	10:17	-0.41	-0.39	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-1-23.5	5/20/2021	08:54	-1.44	-0.87	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-1-23.5	6/17/2021	10:02	-0.66	-0.48	0.0	0	0.3	20.3	0.1	0.2	0.1	0.1	
VMP-1-23.5	7/21/2021	10:27	-6.66	-1.11	0.0	0	0.1	20.8	0.0	0.0	0.0	0 0	
VMP-1-23.5	8/19/2021	09:57	-2.71	-1.03	0.0	0	0.3	20.5	0.0	0.0	0.0	0 0	
VMP-1-23.5	9/8/2021	13:45	-0.65	-0.44	0.0	0	0.1	20.6	0.0	0.0	0.0	0 0	
VMP-1-23.5	10/21/2021	13:56	-0.87	-0.92	0.0	0	0.1	20.7	0.0	0.0	0.0	0 0	
VMP-1-23.5	11/18/2021	12:11	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-23.5	12/16/2021	10:19	-5.92	-0.44	0.0	0	0.0	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-1-38.5	1/20/2021	09:03	-0.42	0.00	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-1-38.5	2/24/2021	10:18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water in tedlar. Sample not screened.
VMP-1-38.5	3/18/2021	10:13	0.00	-0.45	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-1-38.5	4/30/2021	10:18	-0.80	-0.65	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-1-38.5	5/20/2021	08:56	-1.41	-1.36	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-1-38.5	6/17/2021	10:03	-0.91	-0.83	0.0	0	0.4	20.2	0.0	0.0	0.0	0.0	
VMP-1-38.5	6/17/2021	10:03	NM	NM	0.0	0	0.4	20.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-1-38.5	7/21/2021	10:28	-3.86	-0.77	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	
VMP-1-38.5	8/19/2021	09:58	-1.78	-2.02	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-1-38.5	9/8/2021	13:46	-1.06	-0.99	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	
VMP-1-38.5	10/21/2021	13:57	-1.77	-0.97	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-1-38.5	11/18/2021	12:12	-0.97	-0.78	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-1-38.5	12/16/2021	10:20	-1.13	-0.74	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-2-5	1/20/2021	10:00	0.00	0.00	0.0	0	1.6	19.8	0.0	0.0	0.0	0.0	
VMP-2-5	2/24/2021	11:00	0.00	0.00	0.0	0	1.0	20.4	0.0	0.0	0.0	0.0	
VMP-2-5	3/18/2021	10:35	0.00	0.00	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-2-5	4/30/2021	10:30	-0.53	0.00	0.0	0	1.2	19.8	0.0	0.0	0.0	0.0	
VMP-2-5	5/20/2021	09:08	0.00	0.00	0.0	0	0.6	20.7	0.0	0.0	0.0	0.0	
VMP-2-5	6/17/2021	10:20	-0.10	0.00	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	
VMP-2-5	7/21/2021	09:55	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-2-5	8/19/2021	10:10	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-2-5	8/19/2021	10:10	NM	NM	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-2-5	9/9/2021	09:22	-0.11	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-2-5	10/21/2021	13:05	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-2-5	11/18/2021	11:55	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-2-5	12/16/2021	11:47	-0.11	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-2-8.5	1/20/2021	10:01	0.04	0.08	0.0	0	2.7	19.0	0.0	0.0	0.0	0.0	
VMP-2-8.5	2/24/2021	11:01	-0.22	-0.11	0.0	0	2.1	19.9	0.0	0.0	0.0	0.0	
VMP-2-8.5	3/18/2021	10:36	-0.26	-0.29	0.0	0	1.5	19.9	0.0	0.0	0.0	0.0	
VMP-2-8.5	4/30/2021	10:31	-0.10	-0.09	0.0	0	1.6	19.5	0.0	0.0	0.0	0.0	
VMP-2-8.5	5/20/2021	09:10	-0.82	-0.82	0.0	0	1.3	20.5	0.0	0.0	0.0	0.0	
VMP-2-8.5	5/20/2021	09:10	NM	NM	0.0	0	1.3	20.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-2-8.5	6/17/2021	10:21	-0.71	-0.62	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-2-8.5	7/21/2021	09:56	-0.73	-0.63	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-2-8.5	8/19/2021	10:11	-0.72	-0.68	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-2-8.5	9/9/2021	09:23	-0.80	0.00	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-2-8.5	10/21/2021	13:06	-0.66	-0.63	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-2-8.5	11/18/2021	11:57	-0.55	-0.56	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-2-8.5	11/18/2021	11:57	NM	NM	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-2-8.5	12/16/2021	11:48	-0.61	-0.56	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H 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	1/20/2021	10:02	0.03	0.16	0.0	0	3.2	18.4	0.3	1.0	0.0	1.0	
VMP-2-22	2/24/2021	11:02	-0.79	-0.81	0.0	0	2.2	19.8	0.0	0.0	0.0	0.0	
VMP-2-22	3/18/2021	10:37	-1.16	-1.05	0.0	0	2.2	19.6	0.0	0.0	0.0	0.0	
VMP-2-22	4/30/2021	10:32	-0.43	-0.43	0.0	0	1.8	19.3	0.0	0.0	0.0	0.0	
VMP-2-22	4/30/2021	10:32	NM	NM	0.0	0	1.8	19.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-2-22	5/20/2021	09:12	-3.48	-3.44	0.0	0	1.8	19.6	0.0	0.0	0.0	0.0	
VMP-2-22	6/17/2021	10:22	-2.80	-2.66	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-2-22	7/21/2021	09:57	-3.05	-3.18	0.0	0	1.3	19.9	0.0	0.0	0.0	0.0	
VMP-2-22	8/19/2021	10:12	-3.12	-3.05	0.0	0	1.4	19.8	0.0	0.0	0.0	0.0	
VMP-2-22	9/9/2021	09:24	-3.27	-3.27	0.0	0	1.2	19.9	0.0	0.0	0.0	0.0	
VMP-2-22	9/9/2021	09:24	NM	NM	0.0	0	1.2	19.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-2-22	10/21/2021	13:07	-3.20	-3.07	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-2-22	11/18/2021	11:58	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-22	12/16/2021	11:49	-3.02	-2.89	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-2-42	1/20/2021	10:03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	2/24/2021	11:03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	3/18/2021	10:38	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	4/30/2021	10:33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	5/20/2021	09:12	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	6/17/2021	10:23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	7/21/2021	09:58	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	8/19/2021	10:13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	9/9/2021	09:25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	10/21/2021	13:08	32.32	1.00	OVR	OVR	8.9	0.6	228	500000	500000	0.0	F D flame-out occurred on THC and methane scrubber. 10:1 dilution probe was used.
VMP-2-42	11/18/2021	11:59	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	12/16/2021	11:50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-5	1/19/2021	14:30	-0.15	-0.04	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-3-5	2/24/2021	11:50	-0.04	-0.09	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-3-5	3/18/2021	13:45	-13.34	-0.53	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-3-5	4/30/2021	11:36	-4.82	-2.09	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	
VMP-3-5	5/20/2021	10:24	-0.20	-0.25	0.0	0	0.8	19.9	0.0	0.0	0.0	0.0	
VMP-3-5	6/17/2021	11:45	0.00	0.00	0.0	0	1.6	19.6	0.0	0.0	0.0	0.0	
VMP-3-5	7/21/2021	09:40	0.00	0.00	0.0	0	1.6	19.2	0.0	0.0	0.0	0.0	
VMP-3-5	8/19/2021	12:40	0.00	-0.09	0.0	0	1.1	19.8	0.0	0.0	0.0	0.0	
VMP-3-5	9/9/2021	08:56	-0.10	0.00	0.0	0	1.5	19.7	0.0	0.0	0.0	0.0	
VMP-3-5	10/21/2021	12:17	0.00	0.00	0.0	0	1.2	20.0	0.0	0.0	0.0	0.0	
VMP-3-5	11/18/2021	10:46	-0.35	-0.26	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-3-5	12/16/2021	10:31	-0.27	0.00	0.0	0	0.0	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	1/19/2021	14:31	-0.62	-0.25	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-3-10	2/24/2021	11:51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-3-10	3/18/2021	11:21	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-10	4/30/2021	11:38	-0.41	-0.61	0.0	0	0.6	19.9	0.0	0.0	0.0	0 0	
VMP-3-10	5/20/2021	10:26	-1.53	-1.48	0.0	0	0.8	19.8	0.0	0.0	0.0	0 0	
VMP-3-10	6/17/2021	11:46	-0.35	0.00	0.0	0	1.5	19.6	0.0	0.0	0.0	0 0	
VMP-3-10	7/21/2021	08:41	-0.40	0.00	0.0	0	1.6	19.3	0.0	0.0	0.0	0 0	
VMP-3-10	8/19/2021	12:41	-0.38	-0.13	0.0	0	1.1	19.8	0.0	0.0	0.0	0 0	
VMP-3-10	9/9/2021	08:57	-0.22	-0.14	0.0	0	1.5	19.7	0.0	0.0	0.0	0 0	
VMP-3-10	10/21/2021	12:18	-0.16	0.00	0.0	0	1.1	20.0	0.0	0.0	0.0	0 0	
VMP-3-10	11/18/2021	10:48	0.00	0.00	0.0	0	0.5	20.4	0.0	0.0	0.0	0 0	
VMP-3-10	12/16/2021	10:32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-22	1/19/2021	14:32	-1.09	-0.42	0.0	0	0.3	20.5	0.0	0.0	0.0	0 0	
VMP-3-22	2/24/2021	11:52	-3.37	-2.96	0.0	0	0.4	20.5	0.0	0.0	0.0	0 0	
VMP-3-22	3/18/2021	13:47	-4.42	-4.53	0.0	0	0.2	20.6	0.0	0.0	0.0	0 0	
VMP-3-22	4/30/2021	11:40	-2.99	-2.92	0.0	0	0.5	20.1	0.0	0.0	0.0	0 0	
VMP-3-22	5/20/2021	10:28	-2.54	-2.52	0.0	0	0.7	20.2	0.0	0.0	0.0	0 0	
VMP-3-22	6/17/2021	11:47	-0.53	-0.45	0.0	0	0.7	19.4	0.0	0.0	0.0	0 0	
VMP-3-22	7/21/2021	08:42	-0.79	-0.71	0.0	0	1.7	18.9	0.0	0.0	0.0	0 0	
VMP-3-22	8/19/2021	12:42	-0.38	-0.47	0.0	0	2.3	18.6	0.0	0.0	0.0	0 0	
VMP-3-22	9/9/2021	08:58	-0.49	-0.41	0.0	0	2.4	18.8	0.0	0.0	0.0	0 0	
VMP-3-22	10/21/2021	12:19	-0.34	-0.26	0.0	0	2.1	19.4	0.0	0.0	0.0	0 0	
VMP-3-22	11/18/2021	10:50	-0.61	-0.59	0.0	0	1.9	19.5	0.0	0.0	0.0	0 0	
VMP-3-22	12/16/2021	10:33	-0.53	-0.43	0.0	0	1.5	20.1	0.0	0.0	0.0	0 0	
VMP-3-31.5	1/19/2021	14:33	-4.21	-2.08	0.0	0	5.8	14.7	0.0	0.0	0.0	0 0	
VMP-3-31.5	2/24/2021	11:53	-10.23	-10.26	0.0	0	5.8	16.3	0.2	174	174	0 0	Re-sampled to confirm initial results.
VMP-3-31.5	2/25/2021	10:29	-10.21	NM	0.0	0	5.5	16.8	0.1	246	246	0 0	Re-sample.
VMP-3-31.5	3/18/2021	11:23	-11.09	-10.34	0.9	18	4.9	16.7	52.7	4403	4015	388	Re-sampled to confirm initial results.
VMP-3-31.5	3/18/2021	11:23	NM	NM	0.8	16	4.7	16.9	47.9	4210	3753	457	Duplicate sample.
VMP-3-31.5	3/18/2021	13:48	-1.60	-1.69	0.7	14	4.6	16.9	40.6	3527	3273	254	Re-sample.
VMP-3-31.5	4/30/2021	11:42	-9.91	-9.81	0.0	0	2.8	18.8	0.0	6.4	6.4	0 0	
VMP-3-31.5	5/20/2021	10:30	-8.28	-8.20	0.0	0	3.3	17.6	0.1	0.4	0.4	0 0	
VMP-3-31.5	6/17/2021	11:48	-2.29	-2.01	0.2	4	8.2	8 5	32.9	461	249	212	
VMP-3-31.5	7/21/2021	08:43	-3.02	-2.90	3.0	61	13.0	2 8	175	5840	3110	2730	
VMP-3-31.5	8/19/2021	12:43	-1.81	-1.88	0.6	12	10.7	7.4	118	1150	292	858	
VMP-3-31.5	9/9/2021	08:59	-2.08	-2.02	0.0	0	8.2	10.7	1.8	32.0	16 0	16.0	
VMP-3-31.5	10/21/2021	12:20	-1.28	-1.53	0.0	0	9.0	9 2	0.1	0.0	0.0	0 0	
VMP-3-31.5	11/18/2021	10:52	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-31.5	12/16/2021	10:34	-2.18	-1.86	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-3-39	1/19/2021	14:34	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	2/24/2021	11:54	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	3/18/2021	11:24	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	4/30/2021	11:44	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	5/20/2021	10:32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	6/17/2021	11:49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	7/21/2021	08:44	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	8/19/2021	12:43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	9/9/2021	09:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	10/21/2021	12:21	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	11/18/2021	10:54	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	12/16/2021	10:35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-5	1/20/2021	12:16	-0.84	-0.57	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-4-5	2/24/2021	14:10	-2.16	-1.41	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-4-5	3/18/2021	10:40	-3.72	-3.22	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-4-5	4/30/2021	09:35	-1.25	-1.16	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-4-5	5/20/2021	11:21	-0.95	-1.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-4-5	6/17/2021	12:29	0.00	0.00	0.0	0	1.0	20.1	0.0	0.0	0.0	0.0	
VMP-4-5	7/21/2021	09:11	-0.12	-0.15	0.0	0	1.3	19.9	0.0	0.0	0.0	0.0	
VMP-4-5	8/19/2021	09:48	0.00	0.00	0.0	0	1.4	19.8	0.0	0.0	0.0	0.0	
VMP-4-5	9/9/2021	10:26	0.00	0.00	0.0	0	1.2	19.9	0.0	0.0	0.0	0.0	
VMP-4-5	10/21/2021	10:23	0.00	0.00	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-4-5	11/18/2021	09:28	-0.31	-0.26	0.0	0	0.4	20.7	0.0	0.0	0.0	0.0	
VMP-4-5	12/16/2021	09:04	-0.35	-0.25	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-4-12	1/20/2021	12:18	-1.59	-1.48	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-4-12	2/24/2021	14:11	-2.57	-2.57	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-4-12	3/18/2021	10:41	-3.72	-3.22	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-4-12	3/18/2021	10:41	NM	NM	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-4-12	4/30/2021	09:37	-2.12	-2.01	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-4-12	5/20/2021	11:22	-1.80	-1.83	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-4-12	6/17/2021	12:30	0.00	0.00	0.0	0	0.8	19.3	0.0	0.0	0.0	0.0	
VMP-4-12	7/21/2021	09:12	-0.14	-0.17	0.0	0	2.5	18.1	0.0	0.0	0.0	0.0	
VMP-4-12	8/19/2021	09:49	0.00	0.00	0.0	0	2.0	18.5	0.0	0.0	0.0	0.0	
VMP-4-12	9/9/2021	10:27	-0.10	0.00	0.0	0	3.5	17.5	0.0	0.0	0.0	0.0	
VMP-4-12	9/9/2021	10:27	NM	NM	0.0	0	3.4	17.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-4-12	10/21/2021	10:24	0.00	0.00	0.0	0	3.1	18.3	0.0	0.0	0.0	0.0	
VMP-4-12	11/18/2021	09:30	-0.17	-0.16	0.0	0	2.5	19.0	0.0	0.0	0.0	0.0	
VMP-4-12	12/16/2021	09:05	-0.20	-0.14	0.0	0	2.1	19.6	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H 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-4-23.5	1/20/2021	12:20	-4.66	-4.53	0.0	0	1.3	19.8	0.0	0.0	0.0	0.0	
VMP-4-23.5	2/24/2021	14:12	-7.77	-7.78	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-4-23.5	3/18/2021	10:42	-8.83	-9.12	0.0	0	1.4	19.8	0.0	0.0	0.0	0.0	
VMP-4-23.5	4/30/2021	09:39	-7.93	-7.84	0.0	0	1.2	19.9	0.0	0.0	0.0	0.0	
VMP-4-23.5	5/20/2021	11:23	-6.87	-6.87	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-4-23.5	6/17/2021	12:31	-4.00	-3.92	0.0	0	1.4	19.0	0.0	0.0	0.0	0.0	
VMP-4-23.5	7/21/2021	09:13	-4.32	-4.29	0.0	0	2.1	18.2	0.0	0.0	0.0	0.0	
VMP-4-23.5	8/19/2021	09:50	-3.37	-3.36	0.0	0	1.8	18.4	0.0	0.0	0.0	0.0	
VMP-4-23.5	9/9/2021	10:28	-2.86	-2.37	0.0	0	2.4	18.6	0.0	0.0	0.0	0.0	
VMP-4-23.5	10/21/2021	10:25	-2.52	-2.49	0.0	0	3.4	16.8	0.0	0.0	0.0	0.0	
VMP-4-23.5	10/21/2021	10:25	NM	NM	0.0	0	3.4	16.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-4-23.5	11/18/2021	09:31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-23.5	12/16/2021	09:06	-4.92	-3.10	0.0	0	3.2	18.2	0.0	0.0	0.0	0.0	
VMP-4-39	1/20/2021	12:22	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	2/24/2021	14:13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	3/18/2021	10:43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	4/30/2021	09:41	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	5/20/2021	11:24	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	6/17/2021	12:32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	7/21/2021	09:14	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	8/19/2021	09:51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	9/9/2021	10:29	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	10/21/2021	10:26	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	11/18/2021	09:32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	12/16/2021	09:07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-5	1/20/2021	12:04	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-5-5	2/24/2021	14:55	-0.06	-0.14	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-5-5	3/18/2021	09:15	0.00	0.00	0.0	0	0.1	20.4	0.0	0.0	0.0	0.0	
VMP-5-5	4/29/2021	13:36	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-5-5	5/20/2021	10:52	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-5-5	6/17/2021	11:45	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-5-5	7/21/2021	09:35	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-5-5	8/19/2021	08:46	-0.19	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-5-5	9/8/2021	13:28	0.00	0.00	0.0	0	0.7	19.9	0.0	0.0	0.0	0.0	
VMP-5-5	10/21/2021	09:06	0.00	0.00	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-5-5	11/18/2021	08:28	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-5-5	12/16/2021	08:32	0.00	0.00	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-5-12.5	1/20/2021	12:06	0.00	0.00	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-5-12.5	2/24/2021	14:56	-0.32	-0.45	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-5-12.5	3/18/2021	09:16	0.00	-0.40	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-5-12.5	4/29/2021	13:38	0.00	0.00	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-5-12.5	5/20/2021	10:53	-0.13	-0.25	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-5-12.5	6/17/2021	11:46	0.00	0.00	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-5-12.5	7/21/2021	09:36	0.00	0.00	0.0	0	1.3	19.6	0.0	0.0	0.0	0.0	
VMP-5-12.5	8/19/2021	08:47	0.00	0.00	0.0	0	1.6	19.4	0.0	0.0	0.0	0.0	
VMP-5-12.5	9/8/2021	13:30	0.00	0.00	0.0	0	1.6	19.2	0.0	0.0	0.0	0.0	
VMP-5-12.5	10/21/2021	09:07	0.00	-0.11	0.0	0	1.9	19.1	0.0	0.0	0.0	0.0	
VMP-5-12.5	11/18/2021	08:30	0.00	-0.16	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-5-12.5	12/16/2021	08:33	-6.76	0.00	0.0	0	0.8	20.3	0.0	0.0	0.0	0.0	
VMP-5-31	1/20/2021	12:08	-0.14	0.00	0.0	0	1.6	19.7	0.0	0.8	0.8	0.0	
VMP-5-31	2/24/2021	14:57	-1.67	-1.63	0.0	0	1.4	19.6	0.0	0.0	0.0	0.0	
VMP-5-31	3/18/2021	09:17	-1.57	-1.75	0.0	0	1.2	19.9	0.0	0.0	0.0	0.0	
VMP-5-31	4/29/2021	13:40	-1.34	-1.34	0.0	0	1.1	19.7	0.0	2.7	2.7	0.0	
VMP-5-31	5/20/2021	10:43	0.00	0.00	0.0	0	1.3	19.7	0.0	0.0	0.0	0.0	
VMP-5-31	5/20/2021	10:43	NM	NM	0.0	0	1.3	19.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-5-31	6/17/2021	11:47	-0.34	-0.35	0.0	0	1.4	19.4	0.0	0.0	0.0	0.0	
VMP-5-31	7/21/2021	09:37	-0.72	-0.64	0.0	0	1.8	18.8	0.0	0.0	0.0	0.0	
VMP-5-31	8/19/2021	08:48	-0.56	-0.44	0.0	0	2.1	18.7	0.0	0.0	0.0	0.0	
VMP-5-31	9/8/2021	13:32	-0.26	0.00	0.0	0	2.3	18.1	0.0	0.0	0.0	0.0	
VMP-5-31	10/21/2021	09:08	-0.39	-0.46	0.0	0	2.4	18.6	0.0	0.0	0.0	0.0	
VMP-5-31	11/18/2021	08:32	-0.91	-0.63	0.0	0	1.4	19.7	0.0	0.0	0.0	0.0	
VMP-5-31	12/16/2021	08:34	-0.43	-1.02	0.0	0	2.4	19.1	0.0	0.0	0.0	0.0	
VMP-5-40	1/20/2021	12:10	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	2/24/2021	14:58	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	3/18/2021	09:18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	4/29/2021	13:42	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	5/20/2021	10:55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	6/17/2021	11:48	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	7/21/2021	09:38	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	8/19/2021	08:49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	9/8/2021	13:33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	10/21/2021	09:09	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	11/18/2021	08:34	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	12/16/2021	08:35	-0.91	-1.15	0.0	0	2.5	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-6-5	1/20/2021	09:31	0.00	0.17	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-6-5	2/24/2021	11:14	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-6-5	3/17/2021	14:15	-0.09	-0.08	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-6-5	4/29/2021	12:41	0.00	0.00	0.0	0	0.5	19.7	0.0	0.0	0.0	0.0	
VMP-6-5	5/20/2021	09:17	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-6-5	6/17/2021	10:33	0.00	0.00	0.0	0	1.6	18.9	0.0	0.0	0.0	0.0	
VMP-6-5	7/21/2021	10:45	0.00	0.00	0.0	0	1.9	19.3	0.0	0.0	0.0	0.0	
VMP-6-5	8/18/2021	13:43	0.00	0.00	0.0	0	3.2	17.5	0.0	0.0	0.0	0.0	
VMP-6-5	9/8/2021	12:56	0.00	0.00	0.0	0	2.8	18.0	0.0	0.0	0.0	0.0	
VMP-6-5	9/8/2021	12:56	NM	NM	0.0	0	2.8	18.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-6-5	10/21/2021	08:32	0.00	0.00	0.0	0	3.0	18.2	0.0	0.0	0.0	0.0	
VMP-6-5	10/21/2021	08:32	NM	NM	0.0	0	2.9	18.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-6-5	11/17/2021	13:44	-0.16	0.00	0.0	0	1.8	20.1	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-6-5	12/15/2021	13:54	0.00	0.00	0.0	0	2.8	18.5	0.0	0.0	0.0	0.0	
VMP-6-10	1/20/2021	09:32	0.00	0.00	0.0	0	1.4	19.9	0.0	0.0	0.0	0.0	
VMP-6-10	2/24/2021	11:16	-0.17	-0.11	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-6-10	3/17/2021	14:16	-0.23	-0.23	0.0	0	1.2	19.8	0.0	0.0	0.0	0.0	
VMP-6-10	4/29/2021	12:43	-0.18	-0.18	0.0	0	1.1	19.5	0.0	0.0	0.0	0.0	
VMP-6-10	5/20/2021	09:18	0.00	0.00	0.0	0	1.3	19.5	0.0	0.0	0.0	0.0	
VMP-6-10	6/17/2021	10:34	0.00	0.00	0.0	0	2.5	17.8	0.0	0.0	0.0	0.0	
VMP-6-10	7/21/2021	10:46	-0.13	-0.10	0.0	0	3.8	16.5	0.0	0.0	0.0	0.0	
VMP-6-10	8/18/2021	13:46	0.00	0.00	0.0	0	3.6	16.3	0.0	0.0	0.0	0.0	
VMP-6-10	9/8/2021	12:58	0.00	0.00	0.0	0	4.5	16.3	0.0	0.0	0.0	0.0	
VMP-6-10	10/21/2021	08:33	0.00	0.00	0.0	0	4.1	17.3	0.0	0.0	0.0	0.0	
VMP-6-10	11/17/2021	13:45	-0.11	-0.09	0.0	0	2.8	18.4	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-6-10	12/15/2021	13:55	0.00	0.00	0.0	0	3.4	17.8	0.0	0.0	0.0	0.0	
VMP-6-31.5	1/20/2021	09:33	0.00	0.00	0.0	0	3.5	17.7	0.0	0.0	0.0	0.0	
VMP-6-31.5	2/24/2021	11:18	-0.38	-0.32	0.0	0	3.1	17.9	0.0	0.0	0.0	0.0	
VMP-6-31.5	3/17/2021	14:17	-0.49	-0.47	0.0	0	3.1	18.2	0.0	0.0	0.0	0.0	
VMP-6-31.5	4/29/2021	12:45	-0.38	-0.35	0.0	0	2.8	18.1	0.0	0.0	0.0	0.0	
VMP-6-31.5	5/20/2021	09:19	-0.10	-0.11	0.0	0	2.8	18.2	0.0	0.0	0.0	0.0	
VMP-6-31.5	6/17/2021	10:35	0.00	0.00	0.0	0	3.1	17.2	0.0	0.0	0.0	0.0	
VMP-6-31.5	6/17/2021	10:35	NM	NM	0.0	0	3.0	17.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-6-31.5	7/21/2021	10:47	0.00	0.00	0.0	0	3.3	16.9	0.0	0.0	0.0	0.0	
VMP-6-31.5	7/21/2021	10:47	NM	NM	0.0	0	3.4	16.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-6-31.5	8/18/2021	13:48	NM	NM	0.0	0	4.4	16.1	0.0	0.0	0.0	0.0	
VMP-6-31.5	9/8/2021	13:00	0.00	0.00	0.0	0	4.2	15.8	0.0	0.0	0.0	0.0	
VMP-6-31.5	10/21/2021	08:34	-0.13	-0.16	0.0	0	4.7	15.6	0.0	0.0	0.0	0.0	
VMP-6-31.5	11/17/2021	13:46	-0.39	-0.36	0.0	0	5.1	15.0	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-6-31.5	11/17/2021	13:46	NM	NM	0.0	0	5.0	15.1	0.0	0.0	0.0	0.0	Duplicate sample. SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-6-31.5	12/15/2021	13:56	0.17	0.00	0.0	0	4.7	16.1	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-6-39	1/20/2021	09:34	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	2/24/2021	11:20	-0.19	-0.32	0.0	0	3.8	17.0	0.0	0.0	0.0	0.0	
VMP-6-39	3/17/2021	14:18	-0.50	-0.47	0.0	0	3.3	18.0	0.0	0.0	0.0	0.0	
VMP-6-39	4/29/2021	12:47	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	5/20/2021	09:20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	6/17/2021	10:36	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	7/21/2021	10:48	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	8/18/2021	13:50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	9/8/2021	13:01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	10/21/2021	08:35	-2.59	-1.53	0.0	0	4.9	15.2	0.0	0.0	0.0	0.0	
VMP-6-39	11/17/2021	13:47	-0.12	0.00	0.0	0	5.4	14.5	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-6-39	12/15/2021	13:57	0.19	0.00	22.9	OVR	5.6	13.9	502	37700	29310	8390	Re-sampled to confirm results of initial sample.
VMP-6-39	12/16/2021	08:07	-0.43	NM	0.2	5	5.4	15.5	34.7	301	64.2	236.8	Re-sample.
VMP-7-5	1/20/2021	09:15	-0.35	0.00	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-7-5	2/24/2021	10:45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-7-5	3/17/2021	14:00	0.30	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-7-5	4/29/2021	12:20	-3.52	-0.12	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	
VMP-7-5	5/20/2021	08:46	-0.99	0.00	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-7-5	6/17/2021	10:00	0.00	0.00	0.0	0	1.3	19.4	0.0	0.0	0.0	0.0	
VMP-7-5	7/20/2021	13:45	-0.26	0.00	0.0	0	1.7	19.1	0.0	0.0	0.0	0.0	
VMP-7-5	8/18/2021	13:08	0.00	0.00	0.0	0	2.2	18.8	0.0	0.0	0.0	0.0	
VMP-7-5	8/18/2021	13:08	NM	NM	0.0	0	2.1	18.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-7-5	9/8/2021	12:34	0.00	0.00	0.0	0	2.3	18.4	0.0	2.3	2.3	0.0	
VMP-7-5	10/20/2021	13:59	0.00	0.00	0.0	0	2.0	18.8	0.0	0.0	0.0	0.0	
VMP-7-5	11/17/2021	13:13	-0.35	-0.44	0.0	0	1.6	19.4	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-7-5	12/15/2021	13:30	0.22	0.00	0.0	0	1.2	20.0	0.4	0.0	0.0	0.0	
VMP-7-13.5	1/20/2021	09:16	-0.12	0.00	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	
VMP-7-13.5	2/24/2021	10:46	-0.34	0.00	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-7-13.5	3/17/2021	14:01	-0.13	-0.20	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-7-13.5	4/29/2021	12:22	0.00	-0.26	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	
VMP-7-13.5	5/20/2021	08:47	-0.54	0.00	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-7-13.5	5/20/2021	08:47	NM	NM	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-7-13.5	6/17/2021	10:01	0.00	0.00	0.0	0	1.4	19.2	0.0	0.0	0.0	0.0	
VMP-7-13.5	7/20/2021	13:46	-0.89	0.00	0.0	0	1.9	18.8	0.0	0.0	0.0	0.0	
VMP-7-13.5	8/18/2021	13:10	0.00	0.00	0.0	0	2.4	18.5	0.0	0.0	0.0	0.0	
VMP-7-13.5	9/8/2021	12:36	0.00	0.00	0.0	0	2.6	18.2	0.0	0.0	0.0	0.0	
VMP-7-13.5	10/20/2021	14:00	-0.23	-0.13	0.0	0	2.8	17.9	0.0	0.0	0.0	0.0	
VMP-7-13.5	11/17/2021	13:14	-0.43	-0.38	0.0	0	2.2	18.9	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-7-13.5	12/15/2021	13:31	-0.29	0.00	0.0	0	2.3	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-7-29.5	1/20/2021	09:17	0.00	0.00	0.0	0	2.2	19.3	0.0	0.0	0.0	0.0	
VMP-7-29.5	1/20/2021	09:17	NM	NM	0.0	0	2.1	19.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-7-29.5	2/24/2021	10:48	-0.39	-0.28	0.0	0	2.2	19.3	0.0	0.0	0.0	0.0	
VMP-7-29.5	3/17/2021	14:02	-1.02	-1.06	0.0	0	1.8	19.6	0.0	0.0	0.0	0.0	
VMP-7-29.5	4/29/2021	12:24	-1.19	-0.57	0.0	0	1.4	19.5	0.0	0.0	0.0	0.0	
VMP-7-29.5	5/20/2021	08:48	-1.61	-1.37	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-7-29.5	6/17/2021	10:02	-0.25	0.00	0.0	0	1.8	18.8	0.0	0.0	0.0	0.0	
VMP-7-29.5	6/17/2021	10:02	NM	NM	0.0	0	1.8	18.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-7-29.5	7/20/2021	13:47	-0.78	0.83	0.0	0	2.1	18.4	0.0	0.0	0.0	0.0	
VMP-7-29.5	8/18/2021	13:12	0.00	0.00	0.0	0	2.6	18.0	0.0	0.0	0.0	0.0	
VMP-7-29.5	9/8/2021	12:38	1.00	0.00	0.0	0	2.9	17.5	0.0	0.0	0.0	0.0	
VMP-7-29.5	10/20/2021	14:01	0.40	0.26	0.0	0	3.3	17.3	0.0	0.0	0.0	0.0	
VMP-7-29.5	11/17/2021	13:15	-0.42	-0.39	0.0	0	3.4	17.5	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-7-29.5	12/15/2021	13:32	0.00	0.00	0.0	0	3.4	17.7	0.0	0.0	0.0	0.0	
VMP-7-38	1/20/2021	09:18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	2/24/2021	10:49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-7-38	3/17/2021	14:03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	4/29/2021	12:26	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	5/20/2021	08:49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	6/17/2021	10:03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	7/20/2021	13:48	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	8/18/2021	13:14	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	9/8/2021	12:39	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	10/20/2021	14:02	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	11/17/2021	13:16	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	12/15/2021	13:33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-5	1/20/2021	08:10	-0.09	0.00	0.0	0	0.1	20.4	0.0	0.0	0.0	0.0	
VMP-9-5	1/20/2021	08:10	NM	NM	0.0	0	0.1	20.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-9-5	2/24/2021	09:42	-0.13	-0.10	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-9-5	3/17/2021	12:26	-0.06	0.00	0.0	0	0.1	20.5	0.0	0.0	0.0	0.0	
VMP-9-5	4/29/2021	11:23	-0.11	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-9-5	5/19/2021	13:15	-0.09	0.00	0.0	0	0.2	20.5	0.0	0.0	0.0	0.0	
VMP-9-5	6/17/2021	08:46	0.00	0.00	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-9-5	7/20/2021	12:42	0.00	0.00	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	
VMP-9-5	8/18/2021	12:58	0.00	0.00	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	
VMP-9-5	9/8/2021	11:26	0.00	0.00	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-9-5	10/20/2021	12:33	-0.33	0.00	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	
VMP-9-5	11/17/2021	11:57	0.00	0.00	0.0	0	1.1	19.8	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-9-5	12/15/2021	12:19	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H 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-9-11.5	1/20/2021	08:11	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-9-11.5	2/24/2021	09:44	-0.29	-0.25	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-9-11.5	3/17/2021	12:27	-0.16	0.52	0.0	0	0.3	20.3	0.0	0.0	0.0	0.0	
VMP-9-11.5	4/29/2021	11:25	-0.31	-0.27	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-9-11.5	5/19/2021	13:16	-0.21	-0.15	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-9-11.5	6/17/2021	08:47	-0.18	-0.29	0.0	0	1.5	19.6	0.0	0.0	0.0	0.0	
VMP-9-11.5	7/20/2021	12:43	-0.16	0.00	0.0	0	1.8	19.0	0.0	0.0	0.0	0.0	
VMP-9-11.5	8/18/2021	12:58	0.00	0.00	0.0	0	2.2	18.6	0.0	0.0	0.0	0.0	
VMP-9-11.5	9/8/2021	11:28	-0.16	0.00	0.0	0	2.0	19.2	0.0	0.0	0.0	0.0	
VMP-9-11.5	10/20/2021	12:34	0.00	0.00	0.0	0	1.5	19.5	0.0	0.0	0.0	0.0	
VMP-9-11.5	11/17/2021	11:58	0.00	0.00	0.0	0	1.6	19.5	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-9-11.5	12/15/2021	12:20	0.00	0.00	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-9-25.5	1/20/2021	08:12	0.00	0.00	0.0	0	1.5	20.0	0.0	0.0	0.0	0.0	
VMP-9-25.5	2/24/2021	09:46	-0.56	-0.58	0.0	0	1.5	19.7	0.0	0.0	0.0	0.0	
VMP-9-25.5	3/17/2021	12:28	-0.33	0.31	0.0	0	1.5	19.5	0.0	0.0	0.0	0.0	
VMP-9-25.5	4/29/2021	11:27	-0.12	-0.91	0.0	0	1.3	19.6	0.0	0.0	0.0	0.0	
VMP-9-25.5	5/19/2021	13:17	-0.44	-0.39	0.0	0	1.4	19.3	0.0	0.0	0.0	0.0	
VMP-9-25.5	6/17/2021	08:48	0.41	-0.25	0.0	0	1.4	19.1	0.0	0.0	0.0	0.0	
VMP-9-25.5	6/17/2021	08:48	NM	NM	0.0	0	1.5	19.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-9-25.5	7/20/2021	12:44	0.00	-0.21	0.0	0	1.6	18.7	0.0	0.0	0.0	0.0	
VMP-9-25.5	7/20/2021	12:44	NM	NM	0.0	0	1.6	18.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-9-25.5	8/18/2021	13:02	0.00	0.00	0.0	0	2.0	18.2	0.0	0.0	0.0	0.0	
VMP-9-25.5	9/8/2021	11:30	-0.32	-0.25	0.0	0	2.2	18.2	0.0	0.0	0.0	0.0	
VMP-9-25.5	10/20/2021	12:35	0.00	-0.13	0.0	0	2.5	18.3	0.0	0.0	0.0	0.0	
VMP-9-25.5	11/17/2021	11:59	0.00	-0.16	0.0	0	2.3	18.9	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-9-25.5	12/15/2021	12:21	0.00	0.00	0.0	0	2.5	18.5	0.0	0.0	0.0	0.0	
VMP-9-38.5	1/20/2021	08:13	-7.50	0.39	0.0	0	2.3	18.8	0.0	0.0	0.0	0.0	
VMP-9-38.5	2/24/2021	09:48	-0.54	-0.57	0.0	0	2.0	19.5	0.5	0.0	0.0	0.0	
VMP-9-38.5	3/17/2021	12:29	-0.31	0.00	0.0	0	2.1	19.0	0.0	0.0	0.0	0.0	
VMP-9-38.5	4/29/2021	11:29	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	5/19/2021	13:18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	6/17/2021	08:49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	7/20/2021	12:45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	8/18/2021	13:04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	9/8/2021	11:31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	10/20/2021	12:36	0.00	-0.15	0.0	0	2.7	18.1	0.7	0.0	0.0	0.0	
VMP-9-38.5	11/17/2021	12:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	12/15/2021	12:22	-0.20	0.00	0.0	0	2.8	18.4	1.0	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-10-5	1/19/2021	11:21	-0.09	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-10-5	1/19/2021	11:21	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-10-5	2/23/2021	10:20	-0.04	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-10-5	3/17/2021	08:46	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-10-5	4/29/2021	09:54	0.00	0.00	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-10-5	5/19/2021	10:05	0.00	0.00	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-10-5	6/16/2021	08:46	0.00	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-10-5	7/20/2021	09:41	0.00	0.00	0.0	0	0.9	20.2	0.0	0.0	0.0	0.0	
VMP-10-5	8/18/2021	09:18	0.00	0.00	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	
VMP-10-5	9/8/2021	09:12	0.00	0.00	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-10-5	10/20/2021	09:02	-0.19	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-10-5	11/17/2021	10:08	0.46	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-10-5	12/15/2021	09:10	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-10-10	1/19/2021	11:23	-0.10	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-10-10	2/23/2021	10:21	-0.05	-0.03	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-10-10	3/17/2021	08:46	0.00	-0.05	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-10-10	4/29/2021	09:56	-0.10	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-10-10	5/19/2021	10:06	0.00	0.00	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	
VMP-10-10	6/16/2021	08:48	0.00	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-10-10	7/20/2021	09:42	0.00	0.00	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	
VMP-10-10	8/18/2021	09:20	0.00	0.00	0.0	0	1.0	20.1	0.0	0.0	0.0	0.0	
VMP-10-10	9/8/2021	09:14	0.00	0.00	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	
VMP-10-10	10/20/2021	09:04	-0.12	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-10-10	11/17/2021	10:09	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-10-10	12/15/2021	09:11	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-10-20	1/19/2021	11:25	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-10-20	2/23/2021	10:22	0.09	-0.07	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-10-20	2/23/2021	10:22	NM	NM	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-10-20	3/17/2021	08:47	0.34	-0.08	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-10-20	4/29/2021	09:58	-0.15	-0.11	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-10-20	5/19/2021	10:07	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-10-20	5/19/2021	10:07	NM	NM	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-10-20	6/16/2021	08:50	0.00	0.00	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-10-20	7/20/2021	09:43	0.00	0.00	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	
VMP-10-20	8/18/2021	09:02	-0.09	0.00	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-10-20	9/8/2021	09:16	0.00	0.00	0.0	0	0.8	20.1	0.0	0.0	0.0	0.0	
VMP-10-20	10/20/2021	09:04	-0.12	0.00	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-10-20	10/20/2021	09:04	NM	NM	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-10-20	11/17/2021	10:10	0.00	0.00	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-10-20	12/15/2021	09:12	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H 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-10-30	1/19/2021	11:27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	2/23/2021	10:23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	3/17/2021	08:48	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	4/29/2021	10:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	5/19/2021	10:08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	6/16/2021	08:52	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	7/20/2021	09:44	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	8/18/2021	09:24	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	9/8/2021	09:17	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	10/20/2021	09:05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	11/17/2021	10:11	0.00	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0 0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-10-30	12/15/2021	09:13	0.00	0.00	0.0	0	0.5	20.4	0.0	0.0	0.0	0 0	
VMP-10-30	12/15/2021	09:13	NM	NM	0.0	0	0.3	20.7	0.0	0.0	0.0	0 0	Duplicate sample.
VMP-11-5	1/19/2021	12:30	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-11-5	2/24/2021	09:00	-0.42	-0.29	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-11-5	3/17/2021	11:45	-0.34	-0.14	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-11-5	4/29/2021	11:12	0.25	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-11-5	5/19/2021	12:38	0.00	-0.13	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-11-5	5/19/2021	12:38	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	Duplicate sample.
VMP-11-5	6/16/2021	10:54	0.00	0.00	0.0	0	0.0	20.9	0.4	0.8	0.0	0 8	
VMP-11-5	7/20/2021	12:12	-0.13	-0.15	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-11-5	8/18/2021	10:24	0.00	0.00	0.0	0	0.0	20.9	0.2	1.3	0.0	1 3	
VMP-11-5	9/8/2021	12:04	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-11-5	10/20/2021	11:45	0.00	-0.19	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-11-5	11/17/2021	11:39	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-11-5	12/15/2021	12:02	-0.33	-0.25	0.0	0	0.0	20.9	0.3	0.0	0.0	0 0	
VMP-11-8	1/19/2021	12:32	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-11-8	2/24/2021	09:02	-0.22	-0.33	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-11-8	3/17/2021	11:46	-0.55	-0.17	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-11-8	4/29/2021	11:14	-0.09	-0.15	0.0	0	0.1	20.8	0.0	0.0	0.0	0 0	
VMP-11-8	5/19/2021	12:39	0.00	0.00	0.0	0	0.1	20.5	0.0	0.0	0.0	0 0	
VMP-11-8	6/16/2021	10:56	0.00	0.00	0.0	0	0.2	20.6	0.0	0.0	0.0	0 0	
VMP-11-8	7/20/2021	12:13	-0.17	0.00	0.0	0	0.1	20.8	0.3	0.0	0.0	0 0	
VMP-11-8	8/18/2021	10:26	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0 0	
VMP-11-8	9/8/2021	12:06	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0 0	
VMP-11-8	10/20/2021	11:46	0.00	-0.27	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-11-8	11/17/2021	11:40	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0 0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-11-8	12/15/2021	12:03	0.00	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0 0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H 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-11-29	1/19/2021	12:34	-3.41	-2.01	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-11-29	1/19/2021	12:34	NM	NM	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-11-29	2/24/2021	09:04	-3.51	-3.35	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-11-29	3/17/2021	11:47	-3.80	-3.54	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-11-29	4/29/2021	11:16	-5.84	-5.21	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-11-29	5/19/2021	12:40	-4.10	-4.32	0.0	0	0.2	20.5	0.0	0.0	0.0	0.0	
VMP-11-29	6/16/2021	10:58	-3.95	-3.66	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	
VMP-11-29	7/20/2021	12:14	-3.88	-3.74	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-11-29	8/18/2021	10:28	-3.79	-3.77	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-11-29	9/8/2021	12:08	-3.79	-3.69	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-11-29	10/20/2021	11:47	-3.78	-3.39	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-11-29	11/17/2021	11:41	-2.43	-3.34	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-11-29	12/15/2021	12:04	-2.68	-2.80	0.0	0	0.1	20.9	0.3	0.0	0.0	0.0	
VMP-11-38	1/19/2021	12:36	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-11-38	2/24/2021	09:05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-11-38	3/17/2021	11:48	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-11-38	4/29/2021	11:18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-11-38	5/19/2021	12:41	-0.21	0.00	0.0	0	0.0	20.6	2.4	2.1	0.0	2.1	
VMP-11-38	6/16/2021	11:00	0.00	0.00	0.0	0	0.0	20.9	1.2	2.7	0.0	2.7	
VMP-11-38	7/20/2021	12:15	-0.14	-0.16	0.0	0	0.0	20.9	1.7	1.1	0.0	1.1	
VMP-11-38	8/18/2021	10:30	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-11-38	9/8/2021	12:10	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-11-38	10/20/2021	11:48	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-11-38	11/17/2021	11:42	0.24	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-11-38	12/15/2021	12:05	0.57	0.00	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-12-5	1/19/2021	08:35	-0.66	-0.60	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-5	2/23/2021	09:02	-0.51	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-5	3/17/2021	08:45	-0.12	-0.42	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-5	4/29/2021	11:35	-1.11	-1.15	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-5	5/19/2021	08:52	-0.71	-0.76	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-5	5/19/2021	08:52	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-12-5	6/16/2021	08:35	-0.34	-0.35	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-12-5	7/20/2021	08:35	-0.70	-0.52	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-5	8/18/2021	08:30	-0.57	-0.44	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-5	9/8/2021	08:42	-0.48	-0.41	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-5	10/21/2021	08:20	-0.61	-0.67	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-5	11/17/2021	11:03	0.00	0.00	0.0	0	0.3	7.3	0.1	507	452	55.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-12-5	11/18/2021	12:05	-0.28	NM	0.0	0	0.1	20.8	0.1	1.5	1.5	0.0	Re-sample.
VMP-12-5	12/15/2021	08:34	-0.35	-0.35	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-12-11.5	1/19/2021	08:36	-0.70	-0.81	0.0	0	0.1	20.7	0.1	0.0	0.0	0 0	
VMP-12-11.5	2/23/2021	09:04	-0.93	-1.29	0.0	0	0.1	20.5	0.0	0.0	0.0	0 0	
VMP-12-11.5	3/17/2021	08:46	0.00	-0.12	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-12-11.5	4/29/2021	11:36	-1.16	-1.29	0.0	0	0.3	19.6	0.0	0.0	0.0	0 0	
VMP-12-11.5	5/19/2021	08:54	-0.88	-0.83	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-12-11.5	6/16/2021	08:36	-0.38	-0.49	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-12-11.5	7/20/2021	08:36	-0.88	-0.69	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-12-11.5	8/18/2021	08:31	-0.78	-0.61	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-12-11.5	9/8/2021	08:41	-0.62	-0.76	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-12-11.5	10/21/2021	08:21	-0.74	-0.72	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-12-11.5	10/21/2021	08:21	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	Duplicate sample.
VMP-12-11.5	11/17/2021	11:04	-0.29	-0.45	0.1	2	7.3	4.1	3.3	1210	1020	190	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-12-11.5	11/18/2021	12:06	-0.39	NM	0.0	0	0.3	20.7	0.0	0.8	0.8	0 0	Re-sample.
VMP-12-11.5	12/15/2021	08:35	-0.43	-0.45	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-12-11.5	12/15/2021	08:35	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	Duplicate sample.
VMP-12-25	1/19/2021	08:37	-0.97	-1.10	21.2	OVR	13.6	0 5	157	74990	61010	13980	
VMP-12-25	2/23/2021	09:06	-0.77	-1.56	0.7	15	12.0	1 9	51.2	2990	2230	760	
VMP-12-25	3/17/2021	08:47	0.00	-0.33	31.1	OVR	9.1	7 2	418	24240	19210	5030	
VMP-12-25	4/29/2021	11:37	-1.41	-1.53	42.2	OVR	12.5	1 6	379	62550	45360	17190	
VMP-12-25	5/19/2021	08:56	-1.16	-1.12	2.6	53	12.2	2 0	159	5170	2870	2300	
VMP-12-25	6/16/2021	08:37	-0.46	-0.73	0.0	1	9.4	6 0	7.6	92.0	39 0	53.0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-12-25	7/20/2021	08:37	-0.98	-0.87	24.3	OVR	13.0	2 3	314	71190	58210	12980	
VMP-12-25	8/18/2021	08:32	-0.91	-0.78	23.6	OVR	13.4	1 6	335	80890	65370	15520	
VMP-12-25	9/8/2021	08:42	-1.04	-0.71	25.9	OVR	14.5	0 6	389	98650	79640	19010	
VMP-12-25	9/8/2021	08:42	NM	NM	26.2	OVR	14.6	0 3	411	101000	82240	18760	Duplicate sample.
VMP-12-25	10/21/2021	08:22	-0.80	-0.89	28.4	OVR	13.9	1 0	391	107000	89830	17170	
VMP-12-25	11/17/2021	11:05	0.13	-0.27	OVR	OVR	14.4	0.4	382	241000	196000	45000	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-12-25	12/15/2021	08:36	-0.55	-0.56	17.6	OVR	13.3	1 3	237	65970	50350	15620	
VMP-12-39	1/19/2021	08:38	-5.49	-1.16	OVR	OVR	8.2	3 5	298	827000	678000	149000	F D measurement range exceeded with 10:1 dilution probe.
VMP-12-39	1/19/2021	08:38	NM	NM	OVR	OVR	8.4	3 0	309	827000	675000	152000	Duplicate sample. FID measurement range exceeded with 10:1 dilution probe.
VMP-12-39	2/23/2021	09:08	-1.13	-12.41	OVR	OVR	6.6	8 2	358	328000	179000	149000	
VMP-12-39	3/17/2021	08:48	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	4/29/2021	11:38	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	5/19/2021	08:58	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	6/16/2021	08:38	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	7/20/2021	08:38	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	8/18/2021	08:33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	9/8/2021	08:43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	10/21/2021	08:23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	11/17/2021	11:06	-0.39	-0.57	OVR	OVR	12.4	0.4	287	500000	449000	51000	F D measurement range exceeded with 10:1 dilution probe. SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-12-39	12/15/2021	08:37	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-13-5	1/19/2021	09:46	0.00	-0.14	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-13-5	2/23/2021	09:25	-0.10	-0.11	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-13-5	3/17/2021	10:10	-0.17	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-13-5	4/29/2021	08:55	-0.13	-0.13	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-13-5	5/19/2021	09:16	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-13-5	6/16/2021	09:34	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-13-5	7/20/2021	08:45	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-13-5	8/18/2021	08:40	-0.09	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-13-5	9/8/2021	08:38	0.00	0.00	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-13-5	10/20/2021	10:06	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-13-5	11/17/2021	08:43	0.00	0.45	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-13-5	12/15/2021	10:05	0.27	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-13-10.5	1/19/2021	09:48	-0.44	-0.47	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-13-10.5	2/23/2021	09:26	0.00	-0.74	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-13-10.5	3/17/2021	10:11	-0.56	-0.48	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-13-10.5	4/29/2021	08:57	-0.64	-0.66	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-13-10.5	5/19/2021	09:17	-0.55	-0.58	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-13-10.5	6/16/2021	09:36	0.00	-0.48	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-13-10.5	7/20/2021	08:46	-0.55	-0.54	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-13-10.5	8/18/2021	08:42	-0.58	-0.55	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-13-10.5	9/8/2021	08:40	-0.54	-0.52	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-13-10.5	10/20/2021	10:07	-0.51	-0.35	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-13-10.5	11/17/2021	08:44	0.00	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-13-10.5	12/15/2021	10:06	-0.36	-0.34	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-13-21.5	1/19/2021	09:50	-0.62	-0.59	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-13-21.5	2/23/2021	09:27	0.00	-0.74	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-13-21.5	3/17/2021	10:12	-0.72	-0.62	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-13-21.5	4/29/2021	08:59	-0.82	-0.83	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	
VMP-13-21.5	5/19/2021	09:18	-0.72	-0.71	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-13-21.5	6/16/2021	09:38	0.00	-0.61	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-13-21.5	7/20/2021	08:47	-0.70	-0.75	0.0	0	0.4	20.2	0.0	0.0	0.0	0.0	
VMP-13-21.5	8/18/2021	08:44	-0.75	-0.70	0.0	0	0.6	19.7	0.0	0.0	0.0	0.0	
VMP-13-21.5	9/8/2021	08:42	-0.70	-0.68	0.0	0	0.9	19.5	0.0	0.0	0.0	0.0	
VMP-13-21.5	10/20/2021	10:08	-0.67	-0.21	0.0	0	1.1	19.7	0.0	0.0	0.0	0.0	
VMP-13-21.5	11/17/2021	08:45	0.00	0.00	0.0	0	1.0	20.0	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-13-21.5	12/15/2021	10:07	-0.50	-0.43	0.0	0	0.8	20.1	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-13-29.5	1/19/2021	09:52	-0.35	-0.22	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-13-29.5	2/23/2021	09:28	-0.18	-0.18	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-13-29.5	3/17/2021	10:13	-0.19	-0.15	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-13-29.5	4/29/2021	09:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-13-29.5	5/19/2021	09:19	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-13-29.5	6/16/2021	09:40	0.00	-0.18	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-13-29.5	7/20/2021	08:48	-0.15	-0.15	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-13-29.5	8/18/2021	08:46	-0.18	-0.17	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-13-29.5	9/8/2021	08:43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-13-29.5	10/20/2021	10:09	-0.16	-0.11	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-13-29.5	11/17/2021	08:46	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-13-29.5	12/15/2021	10:08	0.00	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-14-5	1/19/2021	09:05	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-14-5	2/23/2021	09:00	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-14-5	3/17/2021	10:25	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-14-5	4/29/2021	08:30	0.00	0.00	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	
VMP-14-5	5/19/2021	08:58	0.00	0.00	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-14-5	6/16/2021	09:54	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-14-5	7/20/2021	08:25	0.00	0.00	0.0	0	1.8	19.9	0.0	0.0	0.0	0.0	
VMP-14-5	8/18/2021	08:30	0.00	0.00	0.0	0	1.0	20.2	0.0	0.0	0.0	0.0	
VMP-14-5	9/8/2021	08:26	0.00	0.00	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-14-5	10/20/2021	10:23	0.00	0.00	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-14-5	11/17/2021	08:28	0.00	0.00	0.0	0	0.5	20.2	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-14-5	12/15/2021	10:20	0.59	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-14-11.5	1/19/2021	09:16	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-14-11.5	2/23/2021	09:01	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-14-11.5	2/23/2021	09:01	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-14-11.5	3/17/2021	10:26	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-14-11.5	4/29/2021	08:32	0.00	0.00	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-14-11.5	5/19/2021	08:58	0.00	0.00	0.0	0	0.6	20.3	0.3	0.7	0.0	0.7	
VMP-14-11.5	5/19/2021	08:58	NM	NM	0.0	0	0.6	20.3	0.3	0.7	0.0	0.7	Duplicate sample.
VMP-14-11.5	6/16/2021	09:56	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-14-11.5	7/20/2021	08:26	0.00	0.00	0.0	0	1.7	19.9	0.0	0.0	0.0	0.0	
VMP-14-11.5	8/18/2021	08:32	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-14-11.5	9/8/2021	08:28	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-14-11.5	10/20/2021	10:24	-0.85	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-14-11.5	11/17/2021	08:29	0.00	0.00	0.0	0	0.3	20.5	0.8	1.4	0.0	1.4	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-14-11.5	12/15/2021	10:21	0.40	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H 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	1/19/2021	09:22	-1.50	-0.46	0.0	0	5.5	14.3	0.1	0.0	0.0	0.0	
VMP-14-20	2/23/2021	09:02	-0.51	-0.58	0.0	0	8.0	10.6	0.5	0.0	0.0	0.0	
VMP-14-20	3/17/2021	10:27	-0.36	-0.18	0.0	0	6.7	12.5	0.6	0.0	0.0	0.0	
VMP-14-20	4/29/2021	09:34	0.00	-0.36	0.0	0	4.7	14.7	0.4	0.0	0.0	0.0	
VMP-14-20	5/19/2021	09:00	0.15	-3.07	0.0	0	5.9	13.4	0.0	0.0	0.0	0.0	
VMP-14-20	6/16/2021	09:58	-0.23	-0.43	0.0	0	5.5	13.8	0.0	0.0	0.0	0.0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-14-20	7/20/2021	08:27	-0.38	-0.30	0.0	0	6.8	10.8	0.0	0.0	0.0	0.0	
VMP-14-20	7/20/2021	08:27	NM	NM	0.0	0	6.4	11.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-14-20	8/18/2021	08:34	-0.41	-0.32	0.0	0	8.6	9.4	0.0	0.0	0.0	0.0	
VMP-14-20	9/8/2021	08:30	-0.35	-0.33	0.0	0	9.1	10.7	0.0	0.0	0.0	0.0	
VMP-14-20	9/8/2021	08:30	NM	NM	0.0	0	9.0	10.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-14-20	10/20/2021	10:25	-0.28	-0.27	0.0	0	8.0	11.8	0.1	0.0	0.0	0.0	
VMP-14-20	11/17/2021	08:30	0.15	0.00	0.0	0	8.7	9.3	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-14-20	12/15/2021	10:22	-0.11	-0.13	0.0	0	6.7	12.7	0.0	0.0	0.0	0.0	
VMP-14-29	1/19/2021	09:28	-1.03	-0.46	0.0	0	4.1	16.5	0.0	3.5	3.5	0.0	
VMP-14-29	2/23/2021	09:03	-0.48	-0.55	0.0	0	4.9	14.7	0.1	15.1	15.1	0.0	
VMP-14-29	3/17/2021	10:28	-0.38	-0.17	0.0	0	4.4	15.6	0.0	0.0	0.0	0.0	
VMP-14-29	3/17/2021	10:28	NM	NM	0.0	0	4.3	15.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-14-29	4/29/2021	08:36	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	5/19/2021	09:01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	6/16/2021	10:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	7/20/2021	08:28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	8/18/2021	08:36	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	9/8/2021	08:31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	10/20/2021	10:26	-0.27	-0.23	0.0	0	5.6	14.6	0.0	0.0	0.0	0.0	
VMP-14-29	10/20/2021	10:26	NM	NM	0.0	0	5.6	14.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-14-29	11/17/2021	08:31	0.17	0.00	0.0	0	6.4	12.9	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-14-29	12/15/2021	10:23	0.27	0.34	0.0	0	5.6	14.8	0.0	0.0	0.0	0.0	
VMP-17-5	1/19/2021	12:22	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-17-5	2/24/2021	09:12	-0.13	-0.12	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-17-5	3/17/2021	11:35	-0.14	-0.13	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-17-5	3/17/2021	11:35	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-17-5	4/29/2021	11:05	-0.17	-0.12	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-17-5	5/19/2021	12:30	0.00	-0.12	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-17-5	6/16/2021	10:46	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-17-5	7/20/2021	12:06	-0.53	-0.18	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-17-5	8/18/2021	10:20	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-17-5	9/8/2021	12:00	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-17-5	10/20/2021	11:38	0.00	-0.15	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-17-5	11/17/2021	11:34	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-17-5	12/15/2021	11:57	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H 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	1/19/2021	12:08	-0.15	-0.15	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-18-8.5	2/24/2021	09:18	-0.41	-0.42	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-18-8.5	3/17/2021	11:20	-0.52	-0.39	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-18-8.5	3/17/2021	11:20	NM	NM	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-18-8.5	4/30/2021	12:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-18-8.5	5/19/2021	12:19	0.00	-0.33	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-18-8.5	6/16/2021	10:33	-0.27	-0.23	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-18-8.5	7/20/2021	11:20	-0.30	-0.30	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-18-8.5	8/18/2021	10:10	-0.27	-0.28	0.0	0	1.0	20.1	0.0	0.0	0.0	0.0	
VMP-18-8.5	9/8/2021	09:48	-0.27	-0.31	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-18-8.5	10/20/2021	11:30	-0.22	-0.31	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-18-8.5	11/18/2021	13:26	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-18-8.5	12/15/2021	11:38	0.16	-0.25	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-19-5	1/19/2021	12:14	-0.16	-0.14	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-19-5	2/24/2021	09:24	-0.41	-0.35	0.0	0	0.0	20.9	0.0	0.4	0.4	0.0	
VMP-19-5	3/17/2021	11:30	-0.39	0.34	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-19-5	4/29/2021	10:56	-0.79	-0.36	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-19-5	5/19/2021	12:25	-0.29	-0.30	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-19-5	6/16/2021	10:38	-0.24	-0.22	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-19-5	7/20/2021	12:06	-0.34	-0.32	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-19-5	8/18/2021	10:16	-0.24	-0.29	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-19-5	9/8/2021	09:48	-0.31	-0.28	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-19-5	10/20/2021	12:19	-0.18	-0.29	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-19-5	11/17/2021	11:28	-0.14	-0.18	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-19-5	12/15/2021	11:49	-0.18	-0.14	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-29-10	1/19/2021	11:05	0.00	-0.19	0.0	0	0.0	20.9	2.1	3.9	0.0	3.9	
VMP-29-10	2/23/2021	09:55	-0.22	-0.18	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-29-10	3/17/2021	09:00	-0.11	-0.12	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-29-10	4/29/2021	09:30	0.00	-0.17	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-29-10	5/19/2021	09:48	-0.12	-0.16	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-29-10	6/16/2021	09:00	0.00	-0.09	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-29-10	7/20/2021	09:20	-1.78	-0.12	0.0	0	0.4	20.2	0.0	0.0	0.0	0.0	
VMP-29-10	8/18/2021	09:04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-29-10	9/8/2021	09:00	0.00	-0.12	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-29-10	10/20/2021	09:22	-0.63	-0.54	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-29-10	11/17/2021	09:45	0.00	-0.31	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-29-10	12/15/2021	09:30	1.07	0.00	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-29-18	1/19/2021	11:07	-0.16	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0 0	
VMP-29-18	2/23/2021	09:56	0.00	-0.11	0.0	0	0.2	20.6	0.1	0.0	0.0	0 0	
VMP-29-18	3/17/2021	09:01	-0.12	-0.50	0.0	0	0.1	20.7	0.0	0.0	0.0	0 0	
VMP-29-18	4/29/2021	09:34	0.00	0.00	0.0	0	0.2	20.5	0.0	0.0	0.0	0 0	
VMP-29-18	4/29/2021	09:34	NM	NM	0.0	0	0.2	20.5	0.0	0.0	0.0	0 0	Duplicate sample.
VMP-29-18	5/19/2021	09:49	-0.15	-0.16	0.0	0	0.2	20.5	0.0	0.0	0.0	0 0	
VMP-29-18	6/16/2021	09:04	0.00	-0.11	0.0	0	0.3	20.6	0.5	0.2	0.0	0 2	SVE system off-line from 0754 to 0936 due to power outage.
VMP-29-18	7/20/2021	09:21	-0.11	-0.12	0.0	0	0.4	20.3	2.9	4.8	0.0	4 8	
VMP-29-18	8/18/2021	09:08	-0.15	-0.13	0.0	0	0.4	20.3	1.1	4.9	0.0	4 9	
VMP-29-18	9/8/2021	09:03	-0.12	-0.13	0.0	0	0.5	20.2	3.4	7.3	0.0	7 3	
VMP-29-18	10/20/2021	09:23	0.00	-0.44	0.0	0	0.5	20.4	0.0	0.0	0.0	0 0	
VMP-29-18	11/17/2021	09:46	0.36	0.00	0.0	0	0.5	20.5	0.0	0.0	0.0	0 0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-29-18	12/15/2021	09:31	0.50	0.00	0.0	0	0.3	20.6	0.1	0.0	0.0	0 0	
VMP-29-26	1/19/2021	11:09	-0.17	0.00	0.0	0	1.0	19.6	0.0	0.0	0.0	0 0	
VMP-29-26	2/23/2021	09:57	-0.25	-0.19	0.0	0	0.9	19.5	0.0	0.0	0.0	0 0	
VMP-29-26	3/17/2021	09:02	-0.10	-0.15	0.0	0	0.6	20.0	0.0	0.0	0.0	0 0	
VMP-29-26	4/29/2021	09:38	-0.24	0.00	0.0	0	0.8	19.6	0.0	0.0	0.0	0 0	
VMP-29-26	5/19/2021	09:51	-0.14	-0.13	0.0	0	0.5	20.0	0.0	0.0	0.0	0 0	
VMP-29-26	6/16/2021	09:06	0.00	-0.12	0.0	0	0.7	19.7	0.0	0.0	0.0	0 0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-29-26	7/20/2021	09:22	-0.10	-0.12	0.0	0	1.0	19.0	0.0	0.0	0.0	0 0	
VMP-29-26	8/18/2021	09:12	-0.16	-0.13	0.0	0	0.5	20.0	0.1	1.3	0.0	1 3	
VMP-29-26	9/8/2021	09:07	-0.13	-0.13	0.0	0	0.7	19.6	1.8	3.5	0.0	3 5	
VMP-29-26	10/20/2021	09:24	-0.18	0.00	0.0	0	1.1	19.5	0.0	0.0	0.0	0 0	
VMP-29-26	11/17/2021	09:47	0.00	0.00	0.0	0	1.4	18.8	0.0	0.0	0.0	0 0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-29-26	11/17/2021	09:47	NM	NM	0.0	0	1.5	18.6	0.0	0.0	0.0	0 0	Duplicate sample. SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-29-26	12/15/2021	09:32	-0.12	0.00	0.0	0	0.7	20.2	0.0	0.0	0.0	0 0	
VMP-29-40	1/19/2021	11:11	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	2/23/2021	09:58	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	3/17/2021	09:02	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	4/29/2021	09:40	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	5/19/2021	09:51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	6/16/2021	09:08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	7/20/2021	09:23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	8/18/2021	09:14	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	9/8/2021	09:08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	10/20/2021	09:25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	11/17/2021	09:48	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	12/15/2021	09:33	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-30-10	1/19/2021	10:26	-0.24	0.18	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-30-10	2/23/2021	09:38	-0.18	-0.21	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-30-10	3/17/2021	09:25	-0.16	-0.19	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-30-10	4/29/2021	09:10	-0.33	-0.23	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-30-10	5/19/2021	09:30	-0.17	-0.20	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-30-10	6/16/2021	09:22	0.00	-0.16	0.0	0	0.0	20.9	0.9	0.3	0.0	0.3	SVE system off-line from 0754 to 0936 due to power outage.
VMP-30-10	7/20/2021	09:03	-0.13	-0.16	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-30-10	8/18/2021	08:50	0.00	-0.18	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-30-10	9/8/2021	08:46	-0.17	-0.15	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-30-10	10/20/2021	09:40	-0.20	-0.12	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-30-10	11/17/2021	08:59	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-30-10	12/15/2021	09:48	-0.11	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-30-18	1/19/2021	10:28	-0.35	-0.27	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-30-18	2/23/2021	09:39	-0.45	-0.43	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-30-18	3/17/2021	09:26	-0.35	-0.62	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-30-18	4/29/2021	09:12	-0.71	-0.71	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-30-18	5/19/2021	09:31	-0.63	-0.40	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-30-18	6/16/2021	09:24	0.00	-0.34	0.0	0	0.0	20.9	2.6	6.9	0.0	6.9	SVE system off-line from 0754 to 0936 due to power outage.
VMP-30-18	7/20/2021	09:04	-0.32	-0.36	0.0	0	0.1	20.7	0.4	0.2	0.0	0.2	
VMP-30-18	8/18/2021	08:52	-0.41	-0.38	0.0	0	0.1	20.6	0.3	1.8	0.0	1.8	
VMP-30-18	9/8/2021	08:49	-0.34	-0.36	0.0	0	0.2	20.5	0.8	1.4	0.0	1.4	
VMP-30-18	10/20/2021	09:41	-0.39	-0.29	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-30-18	11/17/2021	09:00	0.00	0.00	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-30-18	12/15/2021	09:49	-0.29	0.00	0.0	0	0.1	20.7	0.2	0.0	0.0	0.0	
VMP-30-26	1/19/2021	10:30	-0.36	-0.28	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-30-26	2/23/2021	09:40	-0.47	-0.44	0.0	0	0.6	19.7	0.0	0.0	0.0	0.0	
VMP-30-26	3/17/2021	09:27	-0.38	0.14	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-30-26	4/29/2021	09:14	-0.58	-0.45	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	
VMP-30-26	5/19/2021	09:32	-0.39	-0.42	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-30-26	6/16/2021	09:26	0.00	-0.34	0.0	0	0.2	20.5	2.5	9.3	0.0	9.3	SVE system off-line from 0754 to 0936 due to power outage.
VMP-30-26	7/20/2021	09:05	-0.34	-0.37	0.0	0	0.3	20.3	0.2	0.0	0.0	0.0	
VMP-30-26	7/20/2021	09:05	NM	NM	0.0	0	0.3	20.3	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-30-26	8/18/2021	08:54	-0.45	-0.38	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-30-26	9/8/2021	08:53	-0.36	-0.37	0.0	0	0.2	20.5	0.7	1.7	0.0	1.7	
VMP-30-26	10/20/2021	09:42	-0.42	-0.31	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-30-26	11/17/2021	09:01	0.00	0.00	0.0	0	0.8	20.1	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-30-26	11/17/2021	09:01	NM	NM	0.0	0	0.8	20.1	0.0	0.0	0.0	0.0	Duplicate sample. SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-30-26	12/15/2021	09:50	-0.31	-0.20	0.0	0	0.6	20.2	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-30-40	1/19/2021	10:32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	2/23/2021	09:41	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	3/17/2021	09:28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	4/29/2021	09:18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	5/19/2021	09:33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	6/16/2021	09:28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	7/20/2021	09:06	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	8/18/2021	08:56	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	9/8/2021	08:54	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	10/20/2021	09:43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	11/17/2021	09:02	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	12/15/2021	09:51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-32-5	1/20/2021	10:35	0.17	-0.05	0.0	0	0.3	20.6	0.0	0.0	0.0	0 0	
VMP-32-5	2/25/2021	11:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-32-5	3/18/2021	10:58	-1.32	-1.26	0.0	0	0.3	20.5	0.0	0.0	0.0	0 0	
VMP-32-5	4/30/2021	10:48	-0.25	-0.19	0.0	0	0.7	20.2	3.3	8.6	0.0	8 6	Re-sampled to confirm initial results.
VMP-32-5	4/30/2021	13:35	-0.21	NM	0.0	0	0.6	20.3	3.3	7.8	0.0	7 8	Re-sample.
VMP-32-5	5/20/2021	10:54	-0.19	-0.18	0.0	0	0.6	20.2	0.0	0.0	0.0	0 0	
VMP-32-5	6/17/2021	13:30	0.00	0.00	0.0	0	1.6	18.8	0.0	0.0	0.0	0 0	
VMP-32-5	7/21/2021	08:10	0.00	0.00	0.0	0	3.0	17.9	0.0	0.0	0.0	0 0	
VMP-32-5	8/19/2021	11:06	0.00	0.00	0.0	0	3.9	16.1	0.0	0.0	0.0	0 0	
VMP-32-5	9/9/2021	10:16	0.00	0.00	0.0	0	4.6	15.9	0.0	0.0	0.0	0 0	
VMP-32-5	10/21/2021	11:20	0.00	0.00	0.0	0	4.2	16.7	0.0	0.0	0.0	0 0	
VMP-32-5	11/18/2021	10:22	0.00	0.00	0.0	0	3.4	17.5	0.0	0.0	0.0	0 0	
VMP-32-5	12/16/2021	09:51	0.00	0.00	0.0	0	2.8	18.5	0.0	0.0	0.0	0 0	
VMP-32-10	1/20/2021	10:36	-0.10	-0.10	0.0	0	0.7	20.3	0.0	0.0	0.0	0 0	
VMP-32-10	2/25/2021	11:01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-32-10	3/18/2021	10:59	-1.55	-1.45	0.0	0	0.6	20.4	0.0	0.0	0.0	0 0	
VMP-32-10	4/30/2021	10:50	-0.34	-0.29	0.0	0	0.8	20.2	0.0	0.0	0.0	0 0	
VMP-32-10	5/20/2021	10:56	-0.28	-0.25	0.0	0	0.7	20.2	0.0	0.0	0.0	0 0	
VMP-32-10	6/17/2021	13:31	0.00	-0.10	0.0	0	1.4	18.8	0.0	0.0	0.0	0 0	
VMP-32-10	7/21/2021	08:11	0.00	0.00	0.0	0	2.7	17.7	0.0	0.0	0.0	0 0	
VMP-32-10	8/19/2021	11:07	0.00	0.00	0.0	0	3.5	16.2	0.0	0.0	0.0	0 0	
VMP-32-10	9/9/2021	10:17	0.00	0.00	0.0	0	4.3	15.9	0.0	0.0	0.0	0 0	
VMP-32-10	10/21/2021	11:21	0.00	0.00	0.0	0	4.5	16.2	0.0	0.0	0.0	0 0	
VMP-32-10	11/18/2021	10:24	0.00	0.00	0.0	0	4.1	16.7	0.0	0.0	0.0	0 0	
VMP-32-10	12/16/2021	09:52	0.00	0.00	0.0	0	3.5	17.7	0.0	0.0	0.0	0 0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H 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-32-20	1/20/2021	10:37	-0.63	-0.11	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-32-20	2/25/2021	11:02	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-32-20	3/18/2021	11:00	-0.95	-0.50	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-32-20	4/30/2021	10:52	-0.21	-0.15	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-32-20	5/20/2021	10:58	-0.17	-0.25	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-32-20	6/17/2021	13:32	0.00	0.00	0.0	0	0.8	19.5	0.0	0.0	0.0	0.0	
VMP-32-20	7/21/2021	08:12	0.00	0.00	0.0	0	1.0	20.0	0.0	0.0	0.0	0.0	
VMP-32-20	8/19/2021	11:08	0.00	0.00	0.0	0	2.1	18.6	0.0	0.0	0.0	0.0	
VMP-32-20	9/9/2021	10:18	0.00	0.00	0.0	0	2.5	18.7	0.0	0.0	0.0	0.0	
VMP-32-20	10/21/2021	11:22	0.00	-0.51	0.0	0	2.2	19.0	0.0	0.0	0.0	0.0	
VMP-32-20	11/18/2021	10:26	0.00	0.00	0.0	0	1.0	20.0	0.0	0.0	0.0	0.0	
VMP-32-20	12/16/2021	09:53	-1.82	0.00	0.0	0	1.3	19.8	0.0	0.0	0.0	0.0	
VMP-32-30	1/20/2021	10:38	-0.08	-0.07	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-32-30	1/20/2021	10:38	NM	NM	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-32-30	2/25/2021	11:03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-32-30	3/18/2021	11:01	-1.03	-1.07	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-32-30	4/30/2021	10:54	-0.17	-0.13	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-32-30	4/30/2021	10:54	NM	NM	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-32-30	5/20/2021	11:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-32-30	6/17/2021	13:33	-0.43	0.00	0.0	0	1.3	18.8	0.0	0.0	0.0	0.0	
VMP-32-30	7/21/2021	08:13	0.00	0.00	0.0	0	1.6	19.0	0.0	0.0	0.0	0.0	
VMP-32-30	7/21/2021	08:13	NM	NM	0.0	0	1.7	19.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-32-30	8/19/2021	11:09	0.00	0.00	0.0	0	2.6	17.7	0.0	0.0	0.0	0.0	
VMP-32-30	9/9/2021	10:19	0.00	0.00	0.0	0	1.7	19.1	0.0	0.0	0.0	0.0	
VMP-32-30	10/21/2021	11:23	0.00	0.00	0.0	0	3.8	17.0	0.0	0.0	0.0	0.0	
VMP-32-30	11/18/2021	10:28	0.00	0.00	0.0	0	1.2	19.8	0.0	0.0	0.0	0.0	
VMP-32-30	12/16/2021	09:54	-0.99	-0.50	0.0	0	3.2	17.9	0.0	0.0	0.0	0.0	
VMP-33-10	1/19/2021	10:50	-0.04	0.00	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-33-10	2/23/2021	12:16	0.56	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-33-10	3/17/2021	12:05	-0.13	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-33-10	3/17/2021	12:05	NM	NM	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-33-10	4/29/2021	09:15	-0.13	-0.09	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-33-10	5/19/2021	10:38	-0.20	-0.60	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-33-10	6/16/2021	11:05	-0.34	-0.29	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-33-10	7/20/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-33-10	8/18/2021	11:10	-0.50	-0.36	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-33-10	9/8/2021	10:44	-0.42	-0.43	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-33-10	10/21/2021	09:45	-0.48	-0.49	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-33-10	11/17/2021	13:18	-0.49	-0.48	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-33-10	12/15/2021	10:43	-0.39	-0.38	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-33-20	1/19/2021	10:51	-0.07	0.00	0.0	0	1.0	20.2	0.0	0.0	0.0	0 0	
VMP-33-20	1/19/2021	10:51	NM	NM	0.0	0	0.7	20.3	0.0	0.0	0.0	0 0	Duplicate sample.
VMP-33-20	2/23/2021	12:18	0.00	0.00	0.0	0	0.5	20.5	0.0	0.0	0.0	0 0	
VMP-33-20	3/17/2021	12:06	-0.10	-0.09	0.0	0	0.6	20.4	0.0	0.0	0.0	0 0	
VMP-33-20	4/29/2021	09:16	-0.11	-0.19	0.0	0	0.3	20.5	0.0	0.0	0.0	0 0	
VMP-33-20	5/19/2021	10:40	-3.17	-3.23	0.0	0	0.1	20.8	0.0	0.0	0.0	0 0	
VMP-33-20	6/16/2021	11:06	-2.25	-2.15	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-33-20	7/20/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-33-20	8/18/2021	11:11	-2.77	-2.53	0.0	0	0.5	20.4	0.0	0.0	0.0	0 0	
VMP-33-20	9/8/2021	10:45	-2.98	-2.73	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-33-20	10/21/2021	09:46	-2.98	-2.83	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-33-20	10/21/2021	09:46	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	Duplicate sample.
VMP-33-20	11/17/2021	13:19	-2.62	-2.51	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-33-20	12/15/2021	10:44	-2.29	-2.19	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-33-30	1/19/2021	10:52	-0.02	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-33-30	2/23/2021	12:20	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-33-30	3/17/2021	12:07	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-33-30	4/29/2021	09:17	-0.09	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-33-30	5/19/2021	10:42	-0.62	-0.61	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-33-30	5/19/2021	10:42	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	Duplicate sample.
VMP-33-30	6/16/2021	11:07	-0.46	-0.61	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-33-30	7/20/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-33-30	8/18/2021	11:12	-0.58	-0.41	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-33-30	9/8/2021	10:46	-0.47	-0.46	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-33-30	10/21/2021	09:47	-0.47	-0.39	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-33-30	11/17/2021	13:20	-0.48	-0.40	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-33-30	12/15/2021	10:45	-0.32	-0.33	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-34-10	1/19/2021	10:30	-0.34	-0.23	0.0	0	0.1	20.8	0.0	0.0	0.0	0 0	
VMP-34-10	2/23/2021	11:48	-0.80	-0.71	0.0	0	0.1	20.8	0.3	6.3	1.7	4 6	Re-sampled to confirm initial results.
VMP-34-10	2/25/2021	09:37	-0.96	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	Re-sample.
VMP-34-10	3/17/2021	11:30	-1.40	-2.58	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-34-10	4/29/2021	08:40	-0.24	-0.92	0.0	0	0.1	20.8	0.0	0.0	0.0	0 0	
VMP-34-10	5/19/2021	11:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-34-10	6/17/2021	15:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-34-10	7/20/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-34-10	8/18/2021	10:50	-0.28	-0.27	0.0	0	0.5	20.3	0.0	0.0	0.0	0 0	
VMP-34-10	8/18/2021	10:50	NM	NM	0.0	0	0.5	20.3	0.0	0.0	0.0	0 0	Duplicate sample.
VMP-34-10	9/8/2021	10:09	-0.31	-0.31	0.0	1	0.6	20.1	15.3	101	0.0	101	Re-sampled to confirm initial results.
VMP-34-10	9/9/2021	11:53	-0.28	NM	0.0	0	0.6	20.2	0.3	1.0	0.0	1 0	Re-sample.
VMP-34-10	10/21/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-34-10	11/17/2021	13:58	-0.61	-0.59	0.0	0	0.5	20.4	0.0	0.0	0.0	0 0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-34-10	12/15/2021	08:20	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-34-20	1/19/2021	10:31	-0.70	-0.53	0.0	0	1.4	20.0	0.0	0.0	0.0	0 0	
VMP-34-20	2/23/2021	11:50	-1.90	-1.74	0.0	0	0.8	20.3	0.0	0.9	0.9	0 0	Re-sampled to confirm initial results.
VMP-34-20	2/25/2021	09:38	-2.17	NM	0.0	0	0.8	20.4	2.4	29.3	1.9	27.4	Re-sample.
VMP-34-20	3/17/2021	11:31	-2.16	-1.85	0.0	0	0.5	20.4	0.0	0.0	0.0	0 0	
VMP-34-20	4/29/2021	08:41	-1.01	-1.46	0.0	0	0.5	20.5	0.0	0.0	0.0	0 0	
VMP-34-20	5/19/2021	11:02	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-34-20	6/17/2021	15:01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-34-20	7/20/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-34-20	8/18/2021	10:51	-0.91	-0.80	0.0	0	1.5	19.5	0.0	0.0	0.0	0 0	
VMP-34-20	9/8/2021	10:10	-0.93	-0.94	0.0	0	1.8	19.1	4.1	29.8	0.0	29.8	Re-sampled to confirm initial results.
VMP-34-20	9/9/2021	11:54	-0.88	NM	0.0	0	1.8	18.9	1.2	3.3	0.0	3 3	Re-sample.
VMP-34-20	10/21/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-34-20	11/17/2021	13:59	-1.40	-1.44	0.0	0	1.6	19.8	0.0	0.0	0.0	0 0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-34-20	12/15/2021	08:21	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-34-30	1/19/2021	10:32	-0.80	-0.62	0.0	0	3.6	18.2	0.0	0.0	0.0	0 0	
VMP-34-30	2/23/2021	11:52	-2.25	-2.04	0.0	0	3.8	17.2	0.2	30.7	30.7	0 0	Re-sampled to confirm initial results.
VMP-34-30	2/25/2021	09:39	-2.68	NM	0.0	0	3.6	17.8	0.0	1.5	1.5	0 0	Re-sample.
VMP-34-30	3/17/2021	11:32	-2.25	-2.12	0.0	0	3.9	17.3	0.0	6.9	6.9	0 0	
VMP-34-30	4/29/2021	08:42	-1.73	-1.58	0.0	0	3.1	19.3	0.0	0.0	0.0	0 0	
VMP-34-30	5/19/2021	11:02	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-34-30	6/17/2021	15:02	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-34-30	7/20/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-34-30	8/18/2021	10:52	-0.37	-1.06	0.0	0	1.1	20.0	0.0	0.0	0.0	0 0	
VMP-34-30	9/8/2021	09:54	-0.98	-1.02	0.0	0	1.5	19.5	10.7	48.4	0.0	48.4	Re-sampled to confirm initial results.
VMP-34-30	9/9/2021	11:55	-1.02	NM	0.0	0	1.4	19.4	1.3	3.6	0.0	3 6	Re-sample.
VMP-34-30	10/21/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-34-30	11/17/2021	14:00	-1.27	-1.65	0.0	0	1.7	19.1	0.0	0.0	0.0	0 0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-34-30	12/15/2021	08:22	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-35-10	1/19/2021	10:20	-1.85	-1.69	0.0	0	0.1	20.6	0.0	0.0	0.0	0 0	
VMP-35-10	2/23/2021	11:30	-1.67	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-35-10	3/17/2021	11:15	-1.93	-2.61	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-35-10	4/29/2021	10:10	-2.41	-2.17	0.0	0	0.0	17.7	0.0	0.0	0.0	0 0	
VMP-35-10	5/19/2021	10:06	-2.02	-1.96	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-35-10	6/16/2021	10:50	0.00	-0.90	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-35-10	7/20/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-35-10	8/18/2021	10:25	-1.09	-0.98	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-35-10	9/8/2021	09:52	-0.82	-0.79	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-35-10	10/21/2021	10:15	-0.94	-0.85	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-35-10	11/17/2021	14:10	-1.44	-1.35	0.1	2	0.2	20.8	30.8	209	0.0	209	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-35-10	11/18/2021	12:28	-0.98	NM	0.0	0	0.0	20.9	0.3	3.7	0.0	3.7	Re-sample.
VMP-35-10	12/15/2021	10:22	-0.70	-0.64	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	1/19/2021	10:21	-0.97	-0.81	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	2/23/2021	11:32	-23.24	-0.90	0.0	0	0.0	20.9	0.1	0.8	0.3	0.5	
VMP-35-20	3/17/2021	11:16	0.15	-2.36	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	4/29/2021	10:11	-0.18	-1.07	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	5/19/2021	10:08	-0.76	-0.74	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	6/16/2021	10:51	-0.26	-0.29	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	6/16/2021	10:51	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-35-20	7/20/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-35-20	8/18/2021	10:26	-0.58	-0.46	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	9/8/2021	09:53	-0.82	-0.79	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	10/21/2021	10:16	-0.66	-0.54	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	11/17/2021	14:11	-0.87	-0.83	0.1	2	0.1	20.8	35.1	219	1.3	217.7	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-35-20	11/18/2021	12:29	-0.55	NM	0.0	0	0.0	20.9	1.1	6.3	0.0	6.3	Re-sample.
VMP-35-20	12/15/2021	10:23	-0.40	-0.36	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	1/19/2021	10:22	-0.82	-0.73	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	2/23/2021	11:34	-0.49	-0.42	0.0	0	0.0	20.9	0.1	1.2	0.2	1.0	
VMP-35-30	3/17/2021	11:17	-0.50	-2.61	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	4/29/2021	10:12	-0.94	-0.77	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	5/19/2021	10:10	-0.71	-0.70	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	6/16/2021	10:52	-0.24	-0.28	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	7/20/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-35-30	8/18/2021	10:27	-0.35	-0.28	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	9/8/2021	09:54	-0.25	-0.23	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	10/21/2021	10:17	-0.49	-0.48	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	11/17/2021	14:12	-0.55	-0.53	0.1	2	0.1	20.8	28.2	198	1.4	196.6	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-35-30	11/18/2021	12:20	-0.41	NM	0.0	0	0.0	20.9	1.0	6.2	0.0	6.2	Re-sample.
VMP-35-30	12/15/2021	10:24	-0.26	-0.25	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	12/15/2021	10:24	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-36-10	1/19/2021	09:45	-0.04	-0.05	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	2/23/2021	10:32	-0.44	-0.50	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	3/17/2021	11:00	0.00	1.02	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	4/29/2021	10:25	-1.05	-1.12	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	5/19/2021	09:52	0.00	-0.11	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	6/16/2021	10:40	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	7/20/2021	09:35	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	8/18/2021	10:05	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	9/8/2021	09:42	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	10/21/2021	09:15	-0.72	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	11/17/2021	12:20	0.00	2.68	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-36-10	12/15/2021	10:15	0.42	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H 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-36-20	1/19/2021	09:46	-0.17	-0.20	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	2/23/2021	10:34	-0.61	-0.61	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	3/17/2021	11:01	-0.35	-1.01	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	4/29/2021	10:26	-1.40	-1.36	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	5/19/2021	09:54	-0.83	-0.75	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	6/16/2021	10:41	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	7/20/2021	09:36	-0.40	-0.36	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-36-20	8/18/2021	10:06	-0.34	-0.25	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-36-20	9/8/2021	09:43	0.00	-0.09	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-36-20	10/21/2021	09:16	-0.24	-0.22	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-36-20	11/17/2021	12:21	0.00	-0.79	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-36-20	12/15/2021	10:16	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-30	1/19/2021	09:47	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-30	2/23/2021	10:36	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-30	3/17/2021	11:02	0.00	0.12	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-30	4/29/2021	10:27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-36-30	5/19/2021	09:56	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-30	6/16/2021	10:42	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-36-30	7/20/2021	09:37	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-36-30	8/18/2021	10:07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-36-30	9/8/2021	09:44	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-30	10/21/2021	09:17	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-36-30	11/17/2021	12:22	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-36-30	12/15/2021	10:17	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-37-10	1/19/2021	09:35	-0.34	-0.26	0.0	0	11.6	3.2	0.1	0.0	0.0	0.0	
VMP-37-10	2/23/2021	10:18	-0.47	-0.50	0.0	0	10.6	2.4	0.1	0.0	0.0	0.0	
VMP-37-10	3/17/2021	10:25	-0.20	-0.16	0.0	0	0.6	18.4	0.0	0.0	0.0	0.0	
VMP-37-10	4/29/2021	10:35	-0.72	-0.61	0.0	0	6.4	9.0	0.0	0.0	0.0	0.0	
VMP-37-10	5/19/2021	09:40	-0.36	-0.36	0.0	0	1.1	19.3	0.0	0.0	0.0	0.0	
VMP-37-10	6/16/2021	10:05	-0.13	0.00	0.0	0	1.9	17.7	0.0	0.0	0.0	0.0	
VMP-37-10	7/20/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-37-10	8/18/2021	09:25	-0.17	-0.13	0.0	0	2.3	17.8	0.0	0.0	0.0	0.0	
VMP-37-10	9/8/2021	09:21	-0.11	0.00	0.0	0	11.8	6.6	0.0	0.0	0.0	0.0	
VMP-37-10	10/21/2021	10:30	0.00	-0.20	0.0	0	17.0	1.2	0.1	10.0	10.0	0.0	
VMP-37-10	11/17/2021	12:08	0.00	-0.27	0.4	8	16.0	1.0	82.5	749	58.0	691	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-37-10	11/18/2021	12:16	0.00	NM	0.0	0	5.0	13.5	0.0	0.0	0.0	0.0	Re-sample.
VMP-37-10	12/15/2021	09:52	-0.15	0.00	0.0	0	11.2	5.0	0.0	0.0	0.0	0.0	
VMP-37-10	12/15/2021	09:52	NM	NM	0.0	0	11.3	4.9	0.0	0.0	0.0	0.0	Duplicate sample.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H 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-37-20	1/19/2021	09:36	-0.63	-0.58	0.0	0	11.3	5.6	1.9	13.0	10.0	3.0	
VMP-37-20	2/23/2021	10:20	-0.49	-0.89	0.0	0	8.7	7.5	0.1	3.0	3.0	0.0	
VMP-37-20	3/17/2021	10:26	-0.48	-0.47	0.0	0	4.0	15.0	0.0	0.0	0.0	0.0	
VMP-37-20	4/29/2021	10:36	-1.26	-1.19	0.0	0	6.5	10.3	0.1	2.0	2.0	0.0	
VMP-37-20	5/19/2021	09:42	-0.92	-0.78	0.0	0	4.0	15.7	0.0	0.0	0.0	0.0	
VMP-37-20	6/16/2021	10:06	-0.10	0.00	0.0	0	5.3	12.8	0.2	0.0	0.0	0.0	
VMP-37-20	7/20/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-37-20	8/18/2021	09:26	-0.49	-0.38	0.1	2	6.8	12.2	38.5	165	16.0	149	
VMP-37-20	9/8/2021	09:22	-0.33	-0.24	1.0	21	12.0	6.2	103	1560	19.0	1541	
VMP-37-20	10/21/2021	10:31	-0.41	-0.40	1.7	35	13.9	4.8	457	1830	27.0	1803	
VMP-37-20	11/17/2021	12:09	-0.15	-0.74	0.3	7	14.7	3.1	78.4	565	32.0	533	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-37-20	12/15/2021	09:53	-0.34	-0.21	0.2	5	8.4	10.9	52.7	311	24.0	287	
VMP-37-30	1/19/2021	09:37	-1.45	-1.46	0.0	0	4.6	15.7	0.0	1.6	1.6	0.0	
VMP-37-30	2/23/2021	10:22	-2.01	-1.93	0.0	0	4.4	14.4	0.0	0.0	0.0	0.0	
VMP-37-30	2/23/2021	10:22	NM	NM	0.0	0	4.5	14.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-37-30	3/17/2021	10:27	-1.26	-1.25	0.0	0	3.3	17.4	0.0	0.0	0.0	0.0	
VMP-37-30	3/17/2021	10:27	NM	NM	0.0	0	3.3	17.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-37-30	4/29/2021	10:37	-2.47	-2.38	0.0	0	2.9	17.7	0.0	0.0	0.0	0.0	
VMP-37-30	4/29/2021	10:37	NM	NM	0.0	0	2.9	17.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-37-30	5/19/2021	09:44	-1.93	-1.83	0.0	0	2.5	17.5	0.0	0.0	0.0	0.0	
VMP-37-30	6/16/2021	10:07	-0.74	0.00	0.0	0	2.8	17.3	0.0	0.0	0.0	0.0	
VMP-37-30	7/20/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-37-30	8/18/2021	09:27	-1.08	-1.04	0.0	0	3.8	15.1	0.0	0.0	0.0	0.0	
VMP-37-30	9/8/2021	09:23	-0.85	-0.18	0.0	0	4.4	13.7	0.0	0.0	0.0	0.0	
VMP-37-30	9/8/2021	09:23	NM	NM	0.0	0	4.6	13.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-37-30	10/21/2021	10:32	-0.97	-0.97	0.0	0	6.0	11.0	0.0	0.0	0.0	0.0	
VMP-37-30	11/17/2021	12:10	-0.61	-1.14	0.0	0	7.0	9.8	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-37-30	12/15/2021	09:54	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-38-10	1/19/2021	09:20	-24.45	-0.16	0.0	0	2.4	17.9	0.0	0.0	0.0	0.0	
VMP-38-10	2/23/2021	10:04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-38-10	3/17/2021	10:10	-28.74	0.00	0.0	0	1.0	19.0	0.0	0.0	0.0	0.0	
VMP-38-10	4/29/2021	10:48	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-38-10	5/19/2021	09:30	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-38-10	6/16/2021	09:50	-1.13	0.00	0.0	0	2.8	17.8	0.0	0.0	0.0	0.0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-38-10	7/20/2021	09:20	-0.87	0.00	0.0	0	3.7	15.1	0.0	0.0	0.0	0.0	
VMP-38-10	7/20/2021	09:20	NM	NM	0.0	0	3.8	15.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-38-10	8/18/2021	09:10	0.00	0.00	0.0	0	4.6	14.9	0.0	0.0	0.0	0.0	
VMP-38-10	9/8/2021	09:11	0.00	0.00	0.0	0	5.0	13.9	0.0	0.0	0.0	0.0	
VMP-38-10	10/21/2021	09:05	-0.11	0.00	0.0	0	5.4	13.8	0.0	0.0	0.0	0.0	
VMP-38-10	11/17/2021	11:54	0.00	-0.16	0.0	0	6.9	11.9	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-38-10	12/15/2021	09:48	0.00	0.00	0.0	0	4.0	15.0	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-38-20	1/19/2021	09:21	-18.51	-0.19	0.0	0	3.5	17.3	0.0	0.0	0.0	0 0	
VMP-38-20	2/23/2021	10:06	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-38-20	3/17/2021	10:11	-28.52	0.14	0.0	0	2.7	18.8	0.0	0.0	0.0	0 0	
VMP-38-20	4/29/2021	10:49	-1.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-38-20	5/19/2021	09:32	-18.76	0.00	0.0	0	1.7	19.1	0.0	0.0	0.0	0 0	
VMP-38-20	6/16/2021	09:51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-38-20	7/20/2021	09:21	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-38-20	8/18/2021	09:11	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-38-20	9/8/2021	09:12	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-38-20	10/21/2021	09:06	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-38-20	11/17/2021	11:55	-0.29	-0.25	0.0	0	5.9	12.2	0.0	0.0	0.0	0 0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-38-20	12/15/2021	09:47	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-38-27	1/19/2021	09:22	-0.26	-0.18	0.0	0	3.6	17.2	0.0	0.0	0.0	0 0	
VMP-38-27	2/23/2021	10:08	-0.25	-0.31	0.0	0	2.8	18.0	0.0	0.0	0.0	0 0	
VMP-38-27	3/17/2021	10:12	-0.17	0.15	0.0	0	2.7	18.7	0.0	0.0	0.0	0 0	
VMP-38-27	4/29/2021	10:50	-0.35	-0.38	0.0	0	1.6	19.4	0.0	0.0	0.0	0 0	
VMP-38-27	5/19/2021	09:34	-0.47	-0.28	0.0	0	1.6	19.4	0.0	0.0	0.0	0 0	
VMP-38-27	6/16/2021	09:52	0.00	0.00	0.0	0	1.8	18.8	0.0	0.0	0.0	0 0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-38-27	6/16/2021	09:52	NM	NM	0.0	0	1.8	18.8	0.0	0.0	0.0	0 0	Duplicate sample. SVE system off-line from 0754 to 0936 due to power outage.
VMP-38-27	7/20/2021	09:22	-1.13	-0.09	0.0	0	2.1	17.7	0.0	0.0	0.0	0 0	
VMP-38-27	8/18/2021	09:12	-0.10	0.00	0.0	0	2.9	16.3	0.0	0.0	0.0	0 0	
VMP-38-27	9/8/2021	09:12	0.00	0.00	0.0	0	3.1	15.5	0.0	0.0	0.0	0 0	
VMP-38-27	10/21/2021	09:07	-0.22	-0.23	0.0	0	4.5	13.7	0.0	0.0	0.0	0 0	
VMP-38-27	11/17/2021	11:56	0.00	-0.31	0.0	0	5.3	12.9	0.0	0.0	0.0	0 0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-38-27	12/15/2021	09:49	0.00	0.00	0.0	0	5.8	13.0	0.0	0.0	0.0	0 0	
VMP-39-10	1/19/2021	09:10	0.12	0.00	0.0	0	1.0	19.7	0.0	0.0	0.0	0 0	
VMP-39-10	2/23/2021	09:48	0.00	-0.09	0.0	0	0.6	20.3	0.0	3.0	3.0	0 0	
VMP-39-10	3/17/2021	09:20	0.18	0.13	0.0	0	1.7	19.0	0.0	0.0	0.0	0 0	
VMP-39-10	4/29/2021	11:05	0.00	-0.70	0.0	0	1.4	18.7	0.0	0.0	0.0	0 0	
VMP-39-10	5/19/2021	09:20	-0.15	0.00	0.0	0	1.0	19.8	0.0	0.0	0.0	0 0	
VMP-39-10	6/16/2021	09:35	0.00	0.00	0.0	0	0.6	20.0	0.0	0.0	0.0	0 0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-39-10	7/20/2021	09:05	0.00	0.00	0.0	0	0.6	19.9	0.0	0.0	0.0	0 0	
VMP-39-10	8/18/2021	08:55	0.00	0.00	0.0	0	0.6	20.4	0.0	0.0	0.0	0 0	
VMP-39-10	9/8/2021	09:02	0.00	0.00	0.0	0	0.8	20.1	0.0	0.0	0.0	0 0	
VMP-39-10	10/21/2021	08:50	0.00	0.00	0.0	0	1.2	19.8	0.0	0.0	0.0	0 0	
VMP-39-10	11/17/2021	11:41	0.00	-0.13	0.0	0	5.1	13.8	0.0	0.0	0.0	0 0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-39-10	12/15/2021	09:25	0.00	0.00	0.0	0	3.1	16.1	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-39-20	1/19/2021	09:11	0.03	0.00	0.0	0	0.1	20.8	0.0	1.4	1.4	0.0	
VMP-39-20	2/23/2021	09:50	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-39-20	3/17/2021	09:21	0.00	0.00	0.0	0	1.4	18.8	0.0	0.0	0.0	0.0	
VMP-39-20	3/17/2021	09:21	NM	NM	0.0	0	1.4	18.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-39-20	4/29/2021	11:06	-0.10	0.00	0.0	0	0.5	19.5	0.0	0.0	0.0	0.0	
VMP-39-20	5/19/2021	09:22	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-39-20	6/16/2021	09:36	0.00	0.00	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-39-20	7/20/2021	09:06	-0.13	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-39-20	8/18/2021	08:56	0.00	0.00	0.0	0	0.1	20.8	0.0	2.1	2.1	0.0	
VMP-39-20	8/18/2021	08:56	NM	NM	0.0	0	0.1	20.8	0.0	1.8	1.8	0.0	Duplicate sample.
VMP-39-20	9/8/2021	09:03	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-39-20	10/21/2021	08:51	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-39-20	11/17/2021	11:42	0.00	0.00	0.0	0	1.9	18.0	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-39-20	12/15/2021	09:26	0.00	0.00	0.0	0	1.5	18.3	0.0	0.0	0.0	0.0	
VMP-39-30	1/19/2021	09:12	0.05	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-30	2/23/2021	09:52	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-30	3/17/2021	09:22	0.00	0.00	0.0	0	1.3	18.9	0.0	0.0	0.0	0.0	
VMP-39-30	4/29/2021	11:07	-0.10	0.00	0.0	0	0.4	20.0	0.0	0.0	0.0	0.0	
VMP-39-30	5/19/2021	09:24	1.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-39-30	6/16/2021	09:35	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-39-30	7/20/2021	09:07	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-30	8/18/2021	08:57	0.00	0.00	0.0	0	0.0	20.9	0.0	1.4	1.4	0.0	
VMP-39-30	9/8/2021	09:04	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-30	10/21/2021	08:52	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-30	10/21/2021	08:52	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-39-30	11/17/2021	11:43	0.00	0.00	0.0	0	1.3	18.8	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-39-30	12/15/2021	09:27	0.00	0.00	0.0	0	1.2	18.6	0.0	0.0	0.0	0.0	
VMP-41-10	1/19/2021	11:34	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-41-10	2/23/2021	10:35	-0.09	-0.04	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-41-10	3/17/2021	08:33	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-41-10	4/29/2021	10:05	0.00	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-41-10	5/19/2021	10:21	0.00	0.00	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	
VMP-41-10	6/16/2021	08:36	0.00	0.00	0.0	0	0.8	20.4	0.0	0.0	0.0	0.0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-41-10	7/20/2021	10:01	0.00	0.00	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-41-10	8/18/2021	09:28	0.00	0.00	0.0	0	1.2	19.7	0.0	0.0	0.0	0.0	
VMP-41-10	9/8/2021	09:20	0.00	0.00	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	
VMP-41-10	10/20/2021	08:53	0.00	0.00	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-41-10	11/17/2021	10:20	0.00	0.00	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-41-10	12/15/2021	08:50	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H 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	1/19/2021	11:36	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-41-20	2/23/2021	10:36	-0.11	-0.07	0.0	0	0.4	20.0	0.0	0.0	0.0	0.0	
VMP-41-20	3/17/2021	08:34	0.00	0.00	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-41-20	4/29/2021	10:07	-0.09	0.00	0.0	0	0.4	20.2	0.0	0.0	0.0	0.0	
VMP-41-20	5/19/2021	10:22	0.00	0.00	0.0	0	0.6	19.8	0.0	0.0	0.0	0.0	
VMP-41-20	6/16/2021	08:38	0.00	0.00	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-41-20	7/20/2021	10:02	0.00	0.00	0.0	0	1.1	19.6	0.0	0.0	0.0	0.0	
VMP-41-20	8/18/2021	09:30	0.00	0.00	0.0	0	1.5	19.2	0.0	0.0	0.0	0.0	
VMP-41-20	9/8/2021	09:22	0.00	0.00	0.0	0	1.6	19.4	0.0	0.0	0.0	0.0	
VMP-41-20	10/20/2021	08:54	-0.11	0.00	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-41-20	11/17/2021	10:21	0.00	0.00	0.0	0	1.0	19.8	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-41-20	12/15/2021	08:51	0.00	0.00	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	
VMP-41-26	1/19/2021	11:38	0.00	0.00	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	
VMP-41-26	2/23/2021	10:37	-0.11	-0.07	0.0	0	0.8	19.4	0.0	0.0	0.0	0.0	
VMP-41-26	3/17/2021	08:35	0.06	0.00	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-41-26	4/29/2021	10:09	-0.10	0.00	0.0	0	0.6	19.8	0.0	0.0	0.0	0.0	
VMP-41-26	5/19/2021	10:23	0.00	0.00	0.0	0	0.5	19.7	0.0	0.0	0.0	0.0	
VMP-41-26	6/16/2021	08:40	0.00	0.00	0.0	0	0.8	20.0	0.0	0.0	0.0	0.0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-41-26	7/20/2021	10:03	0.00	0.00	0.0	0	1.2	19.3	0.0	0.0	0.0	0.0	
VMP-41-26	8/18/2021	09:32	0.00	0.00	0.0	0	1.7	18.9	0.0	0.0	0.0	0.0	
VMP-41-26	9/8/2021	09:24	0.00	0.00	0.0	0	1.6	19.3	0.0	0.0	0.0	0.0	
VMP-41-26	9/8/2021	09:24	NM	NM	0.0	0	1.6	19.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-41-26	10/20/2021	08:55	0.00	0.00	0.0	0	1.8	19.1	0.0	0.0	0.0	0.0	
VMP-41-26	11/17/2021	10:22	0.00	0.00	0.0	0	1.8	19.1	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-41-26	12/15/2021	08:52	0.00	0.00	0.0	0	1.5	19.4	0.0	0.0	0.0	0.0	
VMP-42-10	1/19/2021	14:20	-0.04	-0.05	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-42-10	2/24/2021	10:45	-0.18	-0.20	0.0	0	0.3	20.8	0.0	0.0	0.0	0.0	
VMP-42-10	3/18/2021	10:50	-0.46	-0.43	0.0	0	0.2	20.5	0.0	0.0	0.0	0.0	
VMP-42-10	4/30/2021	11:05	0.00	-0.10	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	
VMP-42-10	5/20/2021	10:06	-0.13	-0.21	0.0	0	0.9	20.2	0.0	0.0	0.0	0.0	
VMP-42-10	6/17/2021	10:45	0.00	-0.09	0.0	0	1.1	19.8	0.0	0.0	0.0	0.0	
VMP-42-10	7/21/2021	09:40	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-42-10	7/22/2021	08:41	-0.13	0.00	0.0	0	1.5	19.3	0.0	0.0	0.0	0.0	
VMP-42-10	8/19/2021	10:40	0.00	0.00	0.0	0	1.6	19.5	0.0	0.0	0.0	0.0	
VMP-42-10	9/9/2021	09:36	-0.14	0.00	0.0	0	1.6	19.9	0.0	0.0	0.0	0.0	
VMP-42-10	10/21/2021	12:53	0.00	0.00	0.0	0	1.1	20.1	0.0	0.0	0.0	0.0	
VMP-42-10	11/18/2021	11:30	-0.13	-0.09	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	
VMP-42-10	11/18/2021	11:30	NM	NM	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-42-10	12/16/2021	11:18	-0.15	0.00	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H 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	1/19/2021	14:21	-0.15	-0.17	0.0	0	2.0	19.8	0.0	0.0	0.0	0.0	
VMP-42-20	2/24/2021	10:46	-0.32	-0.66	0.0	0	1.5	20.2	0.0	0.0	0.0	0.0	
VMP-42-20	3/18/2021	10:51	-1.03	-1.03	0.0	0	0.9	20.2	0.0	0.0	0.0	0.0	
VMP-42-20	4/30/2021	11:06	-0.28	-0.34	0.0	0	0.7	19.9	0.0	0.0	0.0	0.0	
VMP-42-20	5/20/2021	10:08	-0.53	-0.55	0.0	0	1.0	19.4	0.0	0.0	0.0	0.0	
VMP-42-20	6/17/2021	10:46	-0.24	-0.28	0.0	0	1.8	19.1	0.0	0.0	0.0	0.0	
VMP-42-20	7/21/2021	09:41	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-42-20	7/22/2021	08:42	-0.96	-0.34	0.0	0	2.7	17.7	0.0	0.0	0.0	0.0	
VMP-42-20	8/19/2021	10:41	-0.29	-0.26	0.0	0	3.8	17.3	0.0	0.0	0.0	0.0	
VMP-42-20	9/9/2021	09:37	-0.44	-0.80	0.0	0	3.9	17.9	0.0	0.0	0.0	0.0	
VMP-42-20	10/21/2021	12:54	-0.32	-0.24	0.0	0	3.5	18.6	0.0	0.0	0.0	0.0	
VMP-42-20	10/21/2021	12:54	NM	NM	0.0	0	3.4	18.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-42-20	11/18/2021	11:31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-42-20	12/16/2021	11:19	-0.41	-0.54	0.0	0	2.2	19.8	0.0	0.0	0.0	0.0	
VMP-42-30	1/19/2021	14:22	-0.38	-0.41	0.0	0	3.3	19.0	0.0	0.0	0.0	0.0	
VMP-42-30	2/24/2021	10:47	-1.85	-1.82	0.0	0	2.2	19.9	0.1	0.0	0.0	0.0	
VMP-42-30	2/24/2021	10:47	NM	NM	0.0	0	2.2	19.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-42-30	3/18/2021	10:52	-2.04	-2.17	0.0	0	1.0	20.2	0.0	0.0	0.0	0.0	
VMP-42-30	4/30/2021	11:07	-0.64	-0.71	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-42-30	5/20/2021	10:10	-0.88	-0.94	0.0	0	1.0	19.6	0.0	0.0	0.0	0.0	
VMP-42-30	5/20/2021	10:10	NM	NM	0.0	0	1.0	19.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-42-30	6/17/2021	10:47	-0.94	-0.34	0.0	0	1.0	19.6	0.0	0.0	0.0	0.0	
VMP-42-30	7/21/2021	09:42	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-42-30	7/22/2021	08:43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-42-30	8/19/2021	10:42	-0.62	-0.55	0.0	0	2.6	18.0	0.0	0.0	0.0	0.0	
VMP-42-30	9/9/2021	09:38	-0.80	-0.80	0.0	0	3.0	18.2	0.0	0.0	0.0	0.0	
VMP-42-30	10/21/2021	12:55	-0.64	-0.59	0.0	0	3.6	18.2	0.0	0.0	0.0	0.0	
VMP-42-30	11/18/2021	11:32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-42-30	12/16/2021	11:20	-0.95	-0.76	0.0	0	2.9	19.2	0.0	0.0	0.0	0.0	
VMP-43-10	1/20/2021	13:03	-3.14	-3.12	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-43-10	2/24/2021	13:20	-5.81	-5.90	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-43-10	3/18/2021	11:30	-7.76	-8.10	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-43-10	4/30/2021	10:12	-5.35	-5.64	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-43-10	5/20/2021	11:22	-4.60	-3.90	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-43-10	6/17/2021	13:51	-2.15	-1.40	0.0	0	0.8	19.7	0.0	0.0	0.0	0.0	
VMP-43-10	7/21/2021	08:33	-1.79	-1.75	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	
VMP-43-10	8/19/2021	10:41	-1.13	-0.99	0.0	0	1.2	19.5	0.0	0.0	0.0	0.0	
VMP-43-10	9/9/2021	10:06	-1.04	-0.97	0.0	0	1.2	19.8	0.0	0.0	0.0	0.0	
VMP-43-10	10/21/2021	11:51	-0.82	-0.16	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	
VMP-43-10	11/18/2021	10:04	-1.73	-1.60	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-43-10	12/16/2021	10:13	-1.32	-1.66	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H 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-43-20	1/20/2021	13:05	-4.95	-4.94	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-43-20	2/24/2021	13:21	-7.46	-8.14	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-43-20	3/18/2021	11:31	-9.13	-8.40	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-43-20	4/30/2021	10:14	-8.18	-8.34	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-43-20	5/20/2021	11:24	-7.47	-7.45	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-43-20	6/17/2021	13:52	-2.28	-2.29	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-43-20	7/21/2021	08:34	-2.70	-2.65	0.0	0	1.5	19.4	0.0	0.0	0.0	0.0	
VMP-43-20	8/19/2021	10:42	-1.14	-1.67	0.0	0	1.3	19.5	0.0	0.0	0.0	0.0	
VMP-43-20	8/19/2021	10:42	NM	NM	0.0	0	1.3	19.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-43-20	9/9/2021	10:07	-1.40	-1.59	0.0	0	1.4	19.5	0.0	0.0	0.0	0.0	
VMP-43-20	10/21/2021	11:52	-0.86	-1.31	0.0	0	1.2	19.8	0.0	0.0	0.0	0.0	
VMP-43-20	11/18/2021	10:06	-2.88	-2.72	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-43-20	12/16/2021	10:14	-2.00	-2.01	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-43-30	1/20/2021	13:07	-6.23	-6.20	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-43-30	2/24/2021	13:22	-9.41	-9.14	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-43-30	3/18/2021	11:32	-10.19	-10.28	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	
VMP-43-30	4/30/2021	10:16	-9.75	-9.87	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	
VMP-43-30	5/20/2021	11:26	-9.04	-9.07	0.0	0	0.9	19.5	0.0	0.0	0.0	0.0	
VMP-43-30	6/17/2021	13:53	-2.26	-2.25	0.0	0	0.6	19.3	0.0	0.0	0.0	0.0	
VMP-43-30	7/21/2021	08:35	-2.62	-2.60	0.0	0	1.6	18.7	0.0	0.0	0.0	0.0	
VMP-43-30	8/19/2021	10:43	-1.64	-1.59	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	
VMP-43-30	9/9/2021	10:08	-1.53	-1.50	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-43-30	10/21/2021	11:53	-1.32	-1.37	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-43-30	11/18/2021	10:08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-43-30	12/16/2021	10:15	-1.89	-1.88	1.0	20	0.0	20.9	125	1270	130	1140	Re-sampled to confirm results of initial sample.
VMP-43-30	12/16/2021	13:32	-1.67	NM	0.0	0	0.0	20.8	0.8	6.5	0.5	6.0	Re-sample.
VMP-45-10	1/20/2021	11:34	0.00	0.00	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-45-10	2/24/2021	11:44	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-45-10	3/18/2021	09:02	-0.17	-0.24	0.0	0	0.2	20.5	0.0	0.0	0.0	0.0	
VMP-45-10	4/29/2021	13:04	0.00	0.00	0.0	0	0.2	20.5	0.0	0.0	0.0	0.0	
VMP-45-10	5/20/2021	09:29	0.00	0.00	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-45-10	6/17/2021	11:31	-0.12	0.00	0.0	0	0.8	20.1	0.0	0.0	0.0	0.0	
VMP-45-10	7/21/2021	10:08	0.00	0.00	0.0	0	1.2	19.8	0.0	0.0	0.0	0.0	
VMP-45-10	8/18/2021	13:56	0.00	0.00	0.0	0	1.5	19.5	0.0	0.0	0.0	0.0	
VMP-45-10	9/8/2021	13:06	0.00	0.00	0.0	0	1.6	19.3	0.0	0.0	0.0	0.0	
VMP-45-10	10/21/2021	08:54	0.00	0.00	0.0	0	1.3	19.7	0.0	0.0	0.0	0.0	
VMP-45-10	11/17/2021	14:01	-0.12	0.00	0.0	0	1.1	19.6	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-45-10	12/15/2021	14:08	0.00	0.00	0.0	0	1.4	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-45-20	1/20/2021	11:36	0.00	0.00	0.0	0	0.8	20.1	0.0	0.0	0.0	0.0	
VMP-45-20	2/24/2021	11:46	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-45-20	3/18/2021	09:03	-0.14	-0.19	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-45-20	4/29/2021	13:06	0.00	0.00	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	
VMP-45-20	5/20/2021	09:30	0.00	0.00	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	
VMP-45-20	6/17/2021	11:32	-0.14	0.00	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	
VMP-45-20	7/21/2021	10:09	-0.31	0.00	0.0	0	1.3	19.6	0.0	0.0	0.0	0.0	
VMP-45-20	8/18/2021	13:58	0.00	0.00	0.0	0	1.7	19.2	0.0	0.0	0.0	0.0	
VMP-45-20	9/8/2021	13:08	0.00	0.00	0.0	0	1.8	18.9	0.0	0.0	0.0	0.0	
VMP-45-20	10/21/2021	08:55	0.00	0.00	0.0	0	1.4	19.7	0.0	0.0	0.0	0.0	
VMP-45-20	11/17/2021	14:02	-0.11	0.00	0.0	0	1.4	19.3	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-45-20	12/15/2021	14:09	0.00	0.00	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	
VMP-45-30	1/20/2021	11:38	0.00	0.00	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-45-30	2/24/2021	11:48	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-45-30	3/18/2021	09:04	-0.14	-0.17	0.0	0	0.2	20.4	0.0	0.0	0.0	0.0	
VMP-45-30	3/18/2021	09:04	NM	NM	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-45-30	4/29/2021	13:08	0.14	0.00	0.0	0	0.3	20.2	0.0	0.0	0.0	0.0	
VMP-45-30	4/29/2021	13:08	NM	NM	0.0	0	0.3	20.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-45-30	5/20/2021	09:31	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-45-30	6/17/2021	11:33	-0.49	0.00	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	
VMP-45-30	6/17/2021	11:33	NM	NM	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-45-30	7/21/2021	10:10	0.00	0.00	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-45-30	8/18/2021	14:00	0.00	0.00	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-45-30	9/8/2021	13:10	0.00	0.00	0.0	0	0.8	20.0	0.0	0.0	0.0	0.0	
VMP-45-30	10/21/2021	08:56	0.00	0.00	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	
VMP-45-30	11/17/2021	14:03	-0.10	-0.09	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-45-30	12/15/2021	14:10	0.00	0.00	0.0	0	0.8	20.1	0.0	0.0	0.0	0.0	
VMP-45-30	12/15/2021	14:10	NM	NM	0.0	0	0.8	20.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-46-10	1/19/2021	10:40	-0.04	-0.03	0.0	0	0.2	19.9	0.0	0.0	0.0	0.0	
VMP-46-10	2/23/2021	12:02	-0.11	-0.13	0.1	2	0.3	19.1	13.8	135	10.7	124.3	Re-sampled to confirm initial results.
VMP-46-10	2/25/2021	09:54	-0.30	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Re-sample.
VMP-46-10	3/17/2021	11:55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-46-10	4/29/2021	08:50	-0.45	-0.58	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	5/19/2021	11:05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-10	6/17/2021	15:05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-10	7/20/2021	10:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-10	8/18/2021	10:15	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-10	9/9/2021	14:10	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-10	10/21/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-10	11/17/2021	13:38	-0.31	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-46-10	12/15/2021	10:35	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	12/15/2021	10:35	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H 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	1/19/2021	10:41	-0.05	-0.03	0.0	0	0.4	20.0	0.0	0.0	0.0	0 0	
VMP-46-20	2/23/2021	12:04	-0.16	-0.15	0.0	1	0.4	20.0	7.3	68.4	4.4	64.0	Re-sampled to confirm initial results.
VMP-46-20	2/25/2021	09:55	-0.31	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	Re-sample.
VMP-46-20	3/17/2021	11:56	-0.58	-0.63	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-46-20	4/29/2021	08:51	0.00	0.16	0.0	0	0.1	20.6	0.0	0.0	0.0	0 0	
VMP-46-20	5/19/2021	11:06	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-20	6/17/2021	15:06	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-20	7/20/2021	10:01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-20	8/18/2021	10:16	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-20	9/9/2021	14:11	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-20	10/21/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-20	11/17/2021	13:39	-0.11	-0.13	0.0	0	0.3	20.7	0.0	0.0	0.0	0 0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-46-20	12/15/2021	10:36	0.00	0.00	0.0	0	0.1	20.5	0.0	0.0	0.0	0 0	
VMP-46-30	1/19/2021	10:42	-0.05	-0.01	0.0	0	0.3	20.2	0.0	0.0	0.0	0 0	
VMP-46-30	2/23/2021	12:06	0.00	-0.14	0.0	0	0.2	20.6	4.6	37.4	1.5	35.9	Re-sampled to confirm initial results.
VMP-46-30	2/25/2021	09:56	-0.21	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	Re-sample.
VMP-46-30	3/17/2021	11:57	-0.54	-0.37	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-46-30	4/29/2021	08:52	-0.23	-0.16	0.0	0	0.1	20.8	0.0	0.0	0.0	0 0	
VMP-46-30	5/19/2021	11:07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-30	6/17/2021	15:08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-30	7/20/2021	10:02	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-30	8/18/2021	10:17	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-30	9/9/2021	14:12	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-30	10/21/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-30	11/17/2021	13:40	-0.17	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0 0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-46-30	12/15/2021	10:37	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-47-5	1/20/2021	08:40	0.00	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0 0	
VMP-47-5	2/24/2021	09:35	-0.04	-0.03	0.0	0	0.1	20.8	0.0	0.0	0.0	0 0	
VMP-47-5	3/18/2021	09:05	-0.13	0.00	0.0	0	0.3	20.3	0.0	0.0	0.0	0 0	
VMP-47-5	4/30/2021	09:20	-0.11	0.00	0.0	0	0.4	20.7	0.0	0.0	0.0	0 0	
VMP-47-5	5/19/2021	13:48	0.00	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0 0	
VMP-47-5	6/17/2021	09:15	-0.11	-0.10	0.0	0	1.2	19.9	0.0	0.0	0.0	0 0	
VMP-47-5	7/20/2021	13:45	0.00	-0.11	0.0	0	1.4	19.4	0.0	0.0	0.0	0 0	
VMP-47-5	8/19/2021	08:45	0.00	0.00	0.0	0	1.4	19.8	0.0	0.0	0.0	0 0	
VMP-47-5	9/8/2021	13:20	0.00	0.00	0.0	0	0.7	20.2	0.0	0.0	0.0	0 0	
VMP-47-5	10/22/2021	09:25	0.00	0.00	0.0	0	0.4	20.4	0.0	0.0	0.0	0 0	
VMP-47-5	11/18/2021	10:25	-0.03	-0.02	0.0	0	0.2	20.7	0.0	0.0	0.0	0 0	
VMP-47-5	12/16/2021	09:53	0.00	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0 0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H 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-47-10	1/20/2021	08:41	0.00	-0.09	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-47-10	2/24/2021	09:36	-0.16	-0.22	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	
VMP-47-10	3/18/2021	09:06	-0.33	-0.31	0.0	0	0.9	20.2	0.0	0.0	0.0	0.0	
VMP-47-10	4/30/2021	09:21	-0.26	-0.24	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-47-10	5/19/2021	13:50	0.00	-0.33	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	
VMP-47-10	6/17/2021	09:16	-0.25	-0.21	0.0	0	1.5	19.8	0.0	0.0	0.0	0.0	
VMP-47-10	7/20/2021	13:46	-0.13	-0.21	0.0	0	1.9	19.3	0.0	0.0	0.0	0.0	
VMP-47-10	8/19/2021	08:46	-0.11	-0.09	0.0	0	2.1	19.3	0.0	0.0	0.0	0.0	
VMP-47-10	9/8/2021	13:21	-0.10	0.00	0.0	0	1.8	19.4	0.0	0.0	0.0	0.0	
VMP-47-10	10/22/2021	09:26	-0.15	-0.13	0.0	0	1.5	19.7	0.0	0.0	0.0	0.0	
VMP-47-10	11/18/2021	10:26	-0.39	-0.36	0.0	0	1.1	20.1	0.0	0.0	0.0	0.0	
VMP-47-10	12/16/2021	09:54	-0.35	-0.16	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-47-20	1/20/2021	08:42	-0.05	-1.38	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-47-20	2/24/2021	09:37	-2.60	-2.61	0.0	0	0.3	20.8	0.0	0.0	0.0	0.0	
VMP-47-20	3/18/2021	09:07	-2.67	-2.80	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	
VMP-47-20	4/30/2021	09:22	-2.33	-2.25	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-47-20	4/30/2021	09:22	NM	NM	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-47-20	5/19/2021	13:52	-1.48	-1.54	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	
VMP-47-20	6/17/2021	09:17	-1.83	-1.72	0.0	0	1.2	19.9	0.0	0.0	0.0	0.0	
VMP-47-20	6/17/2021	09:17	NM	NM	0.0	0	1.2	19.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-47-20	7/20/2021	13:47	-1.49	-1.56	0.0	0	2.0	19.0	0.0	0.0	0.0	0.0	
VMP-47-20	8/19/2021	08:47	-1.13	-1.65	0.0	0	2.2	19.1	0.0	0.0	0.0	0.0	
VMP-47-20	9/8/2021	13:22	-1.46	0.00	0.0	0	1.8	19.4	0.0	0.0	0.0	0.0	
VMP-47-20	10/22/2021	09:27	-1.57	-1.56	0.0	0	1.4	19.6	0.0	0.0	0.0	0.0	
VMP-47-20	11/18/2021	10:27	-1.87	-1.89	0.0	0	1.2	20.1	0.0	0.0	0.0	0.0	
VMP-47-20	12/16/2021	09:55	-1.88	-1.96	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	
VMP-47-30	1/20/2021	08:43	-0.06	-1.50	0.0	0	1.5	19.7	0.0	0.0	0.0	0.0	
VMP-47-30	2/24/2021	09:38	-2.52	-3.01	0.0	0	1.5	19.9	0.0	0.0	0.0	0.0	
VMP-47-30	3/18/2021	09:08	-2.66	-3.19	0.0	0	1.2	19.9	0.0	0.0	0.0	0.0	
VMP-47-30	4/30/2021	09:23	-2.50	-2.50	0.0	0	0.9	20.2	0.0	0.0	0.0	0.0	
VMP-47-30	5/19/2021	13:54	-1.64	-1.76	0.0	0	0.8	20.0	0.0	0.0	0.0	0.0	
VMP-47-30	6/17/2021	09:18	-1.98	-1.86	0.0	0	0.9	19.6	0.0	0.0	0.0	0.0	
VMP-47-30	7/20/2021	13:48	-1.59	-1.60	0.0	0	1.2	19.2	0.0	0.0	0.0	0.0	
VMP-47-30	8/19/2021	08:48	-1.84	-1.75	0.0	0	1.7	18.7	0.0	0.0	0.0	0.0	
VMP-47-30	9/8/2021	13:23	-1.54	-1.91	0.0	0	1.7	18.8	0.0	0.0	0.0	0.0	
VMP-47-30	10/22/2021	09:28	-1.71	-1.70	0.0	0	2.2	18.9	0.0	0.0	0.0	0.0	
VMP-47-30	11/18/2021	10:28	-2.16	-2.07	0.0	0	2.0	19.3	0.0	0.0	0.0	0.0	
VMP-47-30	12/16/2021	09:56	-2.50	-2.21	0.0	0	2.2	19.4	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-48-5	1/20/2021	09:50	0.00	0.00	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-48-5	2/24/2021	11:15	0.00	0.00	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-48-5	3/18/2021	10:41	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. Area flooded.
VMP-48-5	4/30/2021	10:50	0.00	0.00	0.0	0	2.0	18.0	0.0	0.0	0.0	0.0	
VMP-48-5	5/20/2021	09:36	0.00	0.00	0.0	0	2.7	17.7	0.0	0.0	0.0	0.0	
VMP-48-5	6/17/2021	10:30	-0.18	0.00	0.0	0	3.8	18.1	0.0	0.0	0.0	0.0	
VMP-48-5	7/21/2021	10:10	-0.17	0.00	0.0	0	3.6	16.9	0.0	0.0	0.0	0.0	
VMP-48-5	8/19/2021	10:25	0.00	0.00	0.0	0	3.6	17.5	0.0	0.0	0.0	0.0	
VMP-48-5	9/9/2021	09:07	0.00	0.00	0.0	0	1.7	19.5	0.0	0.0	0.0	0.0	
VMP-48-5	10/21/2021	13:21	0.00	0.00	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-48-5	11/18/2021	11:44	0.00	0.00	0.0	0	1.1	19.8	0.0	0.0	0.0	0.0	
VMP-48-5	12/16/2021	11:32	0.00	0.00	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-48-10	1/20/2021	09:51	0.44	0.00	0.0	0	4.7	17.0	0.0	0.0	0.0	0.0	
VMP-48-10	2/24/2021	11:16	-4.76	0.00	0.0	0	5.5	19.2	0.0	0.0	0.0	0.0	
VMP-48-10	3/18/2021	10:42	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. Area flooded.
VMP-48-10	4/30/2021	10:51	0.00	0.00	0.0	0	1.6	19.2	0.0	0.0	0.0	0.0	
VMP-48-10	5/20/2021	09:38	-0.11	-0.09	0.0	0	2.0	18.9	0.0	0.0	0.0	0.0	
VMP-48-10	6/17/2021	10:31	-0.16	-0.14	0.0	0	2.9	18.6	0.0	0.0	0.0	0.0	
VMP-48-10	7/21/2021	10:11	-0.13	-0.58	0.0	0	3.9	16.7	0.0	0.0	0.0	0.0	
VMP-48-10	7/21/2021	10:11	NM	NM	0.0	0	3.8	16.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-48-10	8/19/2021	10:26	-0.11	0.00	0.0	0	4.0	17.1	0.0	0.0	0.0	0.0	
VMP-48-10	9/9/2021	09:08	-0.17	-0.16	0.0	0	3.3	18.1	0.0	0.0	0.0	0.0	
VMP-48-10	10/21/2021	13:22	-0.09	-0.16	0.0	0	1.8	19.4	0.0	0.0	0.0	0.0	
VMP-48-10	11/18/2021	11:46	0.20	0.26	0.0	0	1.3	19.8	0.0	0.0	0.0	0.0	
VMP-48-10	11/18/2021	11:46	NM	NM	0.0	0	1.4	19.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-48-10	12/16/2021	11:33	-0.10	-0.33	0.0	0	0.8	20.3	0.0	0.0	0.0	0.0	
VMP-48-20	1/20/2021	10:55	-0.03	0.00	0.0	0	4.3	17.4	0.0	0.0	0.0	0.0	
VMP-48-20	2/24/2021	11:17	0.30	-0.05	0.0	0	3.9	17.9	0.0	0.0	0.0	0.0	
VMP-48-20	3/18/2021	10:43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. Area flooded.
VMP-48-20	4/30/2021	10:52	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	5/20/2021	09:39	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	6/17/2021	10:32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	7/21/2021	10:12	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	8/19/2021	10:27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	9/9/2021	09:09	-1.91	-0.30	0.0	0	4.2	17.1	0.0	0.0	0.0	0.0	Screen submerged.
VMP-48-20	10/21/2021	13:23	-0.19	0.00	0.0	0	3.9	18.0	0.0	0.0	0.0	0.0	
VMP-48-20	11/18/2021	11:48	-0.14	-0.12	0.0	0	2.6	19.2	0.0	0.0	0.0	0.0	
VMP-48-20	12/16/2021	11:34	-0.47	-0.30	0.0	0	2.6	19.4	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-48-30	1/20/2021	09:53	-0.24	0.00	0.0	0	6.5	14.9	0.0	0.0	0.0	0.0	
VMP-48-30	2/24/2021	11:18	-1.00	-0.53	0.0	0	6.6	15.1	0.0	0.0	0.0	0.0	
VMP-48-30	3/18/2021	10:44	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. Area flooded.
VMP-48-30	4/30/2021	10:53	-0.28	0.00	0.0	0	6.1	16.2	0.0	0.0	0.0	0.0	
VMP-48-30	5/20/2021	09:40	-1.92	-1.91	0.0	0	5.7	16.8	0.0	0.0	0.0	0.0	
VMP-48-30	6/17/2021	10:33	-1.46	-1.38	0.0	0	3.9	17.5	0.0	0.0	0.0	0.0	
VMP-48-30	7/21/2021	10:13	-1.64	-1.73	0.0	0	3.9	17.3	0.0	0.0	0.0	0.0	
VMP-48-30	8/19/2021	10:28	-1.68	-1.57	0.0	0	4.0	16.2	0.0	0.0	0.0	0.0	
VMP-48-30	9/9/2021	09:10	-1.83	-1.82	0.0	0	3.4	17.1	0.0	0.0	0.0	0.0	
VMP-48-30	10/21/2021	13:24	-1.62	-1.53	0.0	0	4.6	16.4	0.0	0.0	0.0	0.0	
VMP-48-30	11/18/2021	11:50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-30	12/16/2021	11:35	-4.18	-1.52	0.0	0	4.6	17.2	0.0	0.0	0.0	0.0	
VMP-49-5	1/20/2021	10:25	-1.31	-1.35	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-49-5	2/24/2021	12:12	-2.37	-2.34	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-49-5	3/18/2021	11:35	-3.48	-3.42	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-49-5	4/30/2021	11:18	-2.86	-2.80	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-49-5	4/30/2021	11:18	NM	NM	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-49-5	5/20/2021	10:38	-2.47	-2.31	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-49-5	6/17/2021	12:00	-0.23	-0.26	0.0	0	1.2	19.6	0.0	0.0	0.0	0.0	
VMP-49-5	7/21/2021	09:00	-0.40	-0.40	0.0	0	1.8	19.4	0.0	0.0	0.0	0.0	
VMP-49-5	8/19/2021	12:55	-0.21	-0.26	0.0	0	2.2	18.6	0.0	0.0	0.0	0.0	
VMP-49-5	9/9/2021	08:45	-0.27	0.00	0.0	0	2.1	19.2	0.0	0.0	0.0	0.0	
VMP-49-5	10/21/2021	12:38	-0.12	0.00	0.0	0	2.4	18.4	0.0	0.0	0.0	0.0	
VMP-49-5	11/18/2021	10:34	-0.36	-0.32	0.0	0	1.5	19.7	0.0	0.0	0.0	0.0	
VMP-49-5	12/16/2021	10:49	0.00	-0.17	0.0	0	0.8	20.4	0.0	0.0	0.0	0.0	
VMP-49-10	1/20/2021	10:26	-0.92	-0.92	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-49-10	2/24/2021	12:13	-1.78	-1.76	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-49-10	2/24/2021	12:13	NM	NM	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-49-10	3/18/2021	11:36	-3.07	-5.64	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-49-10	4/30/2021	11:20	-0.97	-2.00	0.0	0	0.7	19.9	0.0	0.0	0.0	0.0	
VMP-49-10	5/20/2021	10:40	-1.71	-1.76	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	
VMP-49-10	6/17/2021	12:07	-0.17	-0.17	0.0	0	2.5	18.4	0.0	0.0	0.0	0.0	
VMP-49-10	6/17/2021	12:07	NM	NM	0.0	0	2.4	18.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-49-10	7/21/2021	09:01	-0.31	-0.31	0.0	0	3.8	16.5	0.0	0.0	0.0	0.0	
VMP-49-10	8/19/2021	12:56	-0.16	-0.23	0.0	0	4.5	16.0	0.0	0.0	0.0	0.0	
VMP-49-10	9/9/2021	08:46	-0.23	0.00	0.0	0	4.3	17.0	0.0	0.0	0.0	0.0	
VMP-49-10	10/21/2021	12:39	0.00	0.00	0.0	0	3.1	18.4	0.0	0.0	0.0	0.0	
VMP-49-10	11/18/2021	10:36	-0.22	-0.22	0.0	0	1.8	19.6	0.0	0.0	0.0	0.0	
VMP-49-10	12/16/2021	10:50	-0.11	-0.10	0.0	0	1.0	20.2	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-49-20	1/20/2021	10:27	-0.10	-0.09	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-49-20	2/24/2021	12:14	-0.14	-0.11	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-49-20	3/18/2021	11:37	-0.16	-0.22	0.0	0	0.3	19.6	0.0	0.0	0.0	0.0	
VMP-49-20	4/30/2021	11:22	-0.16	-0.15	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	
VMP-49-20	5/20/2021	10:42	-0.09	-0.16	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	
VMP-49-20	6/17/2021	12:02	0.00	0.00	0.0	0	2.2	18.8	0.0	0.0	0.0	0.0	
VMP-49-20	7/21/2021	09:02	0.00	0.00	0.0	0	4.2	16.2	0.0	0.0	0.0	0.0	
VMP-49-20	8/19/2021	12:57	0.00	0.00	0.0	0	5.0	15.7	0.0	0.0	0.0	0.0	
VMP-49-20	9/9/2021	08:47	0.00	0.00	0.0	0	4.3	16.8	0.0	0.0	0.0	0.0	
VMP-49-20	10/21/2021	12:40	0.00	0.00	0.0	0	2.6	18.6	0.0	0.0	0.0	0.0	
VMP-49-20	11/18/2021	10:38	0.00	0.00	0.0	0	1.3	20.2	0.0	0.0	0.0	0.0	
VMP-49-20	12/16/2021	10:51	0.00	0.00	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	
VMP-49-30	1/20/2021	10:28	-7.82	-7.35	0.0	0	7.0	12.0	0.0	0.0	0.0	0.0	
VMP-49-30	2/24/2021	12:15	-9.47	-10.16	0.0	0	7.1	14.6	0.0	0.0	0.0	0.0	
VMP-49-30	3/18/2021	11:38	-9.18	-11.00	0.0	0	7.7	14.8	0.0	0.0	0.0	0.0	
VMP-49-30	4/30/2021	11:24	-11.22	-10.74	0.0	0	6.4	15.5	0.0	0.0	0.0	0.0	
VMP-49-30	5/20/2021	10:44	-10.50	-10.44	0.0	0	6.2	15.0	0.0	0.0	0.0	0.0	
VMP-49-30	6/17/2021	12:03	-0.79	-0.79	0.0	0	1.3	19.4	0.0	0.0	0.0	0.0	
VMP-49-30	7/21/2021	09:03	-1.31	-1.34	0.0	0	1.7	19.3	0.0	0.0	0.0	0.0	
VMP-49-30	8/19/2021	12:58	-0.52	-0.56	0.0	0	1.3	19.8	0.0	0.0	0.0	0.0	
VMP-49-30	9/9/2021	08:48	-0.69	-0.63	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	
VMP-49-30	9/9/2021	08:48	NM	NM	0.0	0	1.1	20.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-49-30	10/21/2021	12:41	-0.47	-0.37	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	
VMP-49-30	11/18/2021	10:40	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-49-30	12/16/2021	10:52	-0.66	-0.56	0.0	0	0.7	20.5	0.0	0.0	0.0	0.0	
VMP-50-5	1/20/2021	12:26	-0.09	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-50-5	2/24/2021	14:00	-0.09	-0.11	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-50-5	3/18/2021	10:27	-0.32	-0.25	0.0	0	0.2	20.6	0.0	0.8	0.8	0.0	
VMP-50-5	4/29/2021	14:04	0.00	0.00	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-50-5	5/20/2021	11:14	0.00	-0.13	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-50-5	6/17/2021	12:49	0.00	0.00	0.0	0	2.7	14.3	0.0	0.0	0.0	0.0	
VMP-50-5	7/21/2021	10:31	0.00	0.00	0.0	0	5.4	9.8	0.0	0.0	0.0	0.0	
VMP-50-5	8/19/2021	09:28	0.00	0.00	0.0	0	7.1	8.7	0.0	0.0	0.0	0.0	
VMP-50-5	9/9/2021	10:35	0.00	0.00	0.0	0	7.8	9.9	0.0	0.0	0.0	0.0	
VMP-50-5	10/21/2021	10:03	0.00	0.00	0.0	0	5.9	13.6	0.0	0.0	0.0	0.0	
VMP-50-5	11/18/2021	09:20	0.00	0.00	0.0	0	3.2	18.3	0.0	0.0	0.0	0.0	
VMP-50-5	12/16/2021	08:48	0.00	0.00	0.0	0	2.2	19.4	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-50-10	1/20/2021	12:28	-0.22	-0.14	0.0	0	0.8	19.7	0.0	0.0	0.0	0.0	
VMP-50-10	2/24/2021	14:01	-0.36	-0.37	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-50-10	3/18/2021	10:28	-0.82	-0.85	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-50-10	4/29/2021	14:06	-0.24	-0.25	0.0	0	0.6	20.0	0.0	0.0	0.0	0.0	
VMP-50-10	5/20/2021	11:15	-0.22	-0.27	0.0	0	0.8	20.0	0.0	0.0	0.0	0.0	
VMP-50-10	6/17/2021	12:50	0.10	0.00	0.0	0	1.3	18.1	0.0	0.0	0.0	0.0	
VMP-50-10	7/21/2021	10:02	0.00	0.00	0.0	0	2.7	14.6	0.0	0.0	0.0	0.0	
VMP-50-10	8/19/2021	09:29	0.00	0.00	0.0	0	3.2	13.4	0.0	0.0	0.0	0.0	
VMP-50-10	9/9/2021	10:36	0.00	0.00	0.0	0	4.5	12.3	0.0	0.0	0.0	0.0	
VMP-50-10	10/21/2021	10:04	0.00	0.00	0.0	0	5.0	13.5	0.0	0.0	0.0	0.0	
VMP-50-10	11/18/2021	09:22	0.00	0.00	0.0	0	4.6	14.9	0.0	0.0	0.0	0.0	
VMP-50-10	12/16/2021	08:49	0.00	0.00	0.0	0	4.1	16.6	0.0	0.0	0.0	0.0	
VMP-50-20	1/20/2021	12:30	-0.95	0.00	0.0	0	0.9	19.6	0.0	0.0	0.0	0.0	
VMP-50-20	2/24/2021	14:02	-1.50	-1.50	0.0	0	1.1	20.1	0.0	0.0	0.0	0.0	
VMP-50-20	3/18/2021	10:29	-2.13	-1.89	0.0	0	0.9	20.2	0.0	0.0	0.0	0.0	
VMP-50-20	4/29/2021	14:08	-1.27	-1.20	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	
VMP-50-20	5/20/2021	11:16	-1.02	-1.08	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	
VMP-50-20	6/17/2021	12:51	0.10	0.00	0.0	0	1.5	19.0	0.0	0.0	0.0	0.0	
VMP-50-20	7/21/2021	10:33	0.00	0.00	0.0	0	1.5	18.6	0.0	0.0	0.0	0.0	
VMP-50-20	8/19/2021	09:30	0.00	0.00	0.0	0	2.0	16.8	0.0	0.0	0.0	0.0	
VMP-50-20	9/9/2021	10:37	0.00	0.00	0.0	0	2.6	16.0	0.0	0.0	0.0	0.0	
VMP-50-20	10/21/2021	10:05	0.00	0.00	0.0	0	2.6	15.5	0.0	0.0	0.0	0.0	
VMP-50-20	11/18/2021	09:23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-50-20	12/16/2021	08:50	-0.18	0.00	0.0	0	3.2	15.7	0.0	0.0	0.0	0.0	
VMP-50-30	1/20/2021	12:32	-3.31	-3.21	0.0	1	2.0	18.6	9.5	63.2	2.2	61.0	
VMP-50-30	2/24/2021	14:03	-5.83	-6.03	0.0	1	1.9	19.5	7.3	51.8	0.9	50.9	
VMP-50-30	3/18/2021	10:30	-6.84	-6.36	0.0	0	1.4	19.7	6.5	44.7	0.6	44.1	
VMP-50-30	4/29/2021	14:10	-6.18	-6.28	0.0	0	1.3	19.6	7.3	38.4	1.3	37.1	
VMP-50-30	4/29/2021	14:10	NM	NM	0.0	0	1.3	19.6	7.1	37.2	1.2	36.0	Duplicate sample.
VMP-50-30	5/20/2021	11:17	-5.27	-5.27	0.0	0	1.2	19.7	5.6	20.7	0.3	20.4	
VMP-50-30	6/17/2021	12:52	-2.27	-2.32	0.0	0	1.2	19.3	2.8	15.9	2.6	13.3	
VMP-50-30	7/21/2021	10:34	-2.71	-2.73	0.0	0	1.8	18.5	2.2	16.6	3.6	13.0	
VMP-50-30	8/19/2021	09:31	-1.99	-1.97	0.0	0	1.9	18.3	2.2	21.9	3.5	18.4	
VMP-50-30	8/19/2021	09:31	NM	NM	0.0	0	1.9	18.3	2.3	22.7	3.8	18.9	Duplicate sample.
VMP-50-30	9/9/2021	10:38	-1.80	-1.66	0.0	0	2.2	18.0	2.4	23.2	6.7	16.5	
VMP-50-30	10/21/2021	10:06	-1.63	-1.55	0.0	0	3.2	17.2	2.6	25.3	10.7	14.6	
VMP-50-30	11/18/2021	09:24	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-50-30	12/16/2021	08:51	-3.28	-3.03	0.0	0	3.2	18.5	1.3	18.6	6.5	12.1	

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	1/20/2021	11:50	0.00	0.00	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-51-5	2/24/2021	14:40	-0.09	-0.10	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-51-5	3/18/2021	09:30	-0.15	0.00	0.0	0	0.4	19.7	0.0	0.0	0.0	0.0	
VMP-51-5	4/29/2021	13:20	0.00	0.00	0.0	0	0.5	19.1	0.0	0.0	0.0	0.0	
VMP-51-5	5/20/2021	10:41	0.00	0.00	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-51-5	6/17/2021	11:59	0.00	0.00	0.0	0	1.5	19.8	0.0	0.0	0.0	0.0	
VMP-51-5	7/21/2021	09:45	0.00	0.00	0.0	0	1.3	19.9	0.0	0.0	0.0	0.0	
VMP-51-5	8/19/2021	09:00	0.00	0.00	0.0	0	1.8	19.2	0.0	0.0	0.0	0.0	
VMP-51-5	9/8/2021	13:18	0.00	0.00	0.0	0	1.4	19.5	0.0	0.0	0.0	0.0	
VMP-51-5	10/21/2021	09:32	0.00	0.00	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	
VMP-51-5	11/18/2021	09:08	-0.09	0.00	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-51-5	12/16/2021	08:16	0.00	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-51-10	1/20/2021	11:52	0.00	0.00	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-51-10	2/24/2021	14:41	-0.19	-0.18	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-51-10	3/18/2021	09:31	-0.26	-0.36	0.0	0	0.5	20.0	0.0	0.0	0.0	0.0	
VMP-51-10	4/29/2021	13:22	-0.15	-0.13	0.0	0	0.9	19.4	0.0	0.0	0.0	0.0	
VMP-51-10	5/20/2021	10:42	0.00	0.00	0.0	0	1.2	19.7	0.0	0.0	0.0	0.0	
VMP-51-10	6/17/2021	11:59	-0.26	0.00	0.0	0	2.0	19.3	0.0	0.0	0.0	0.0	
VMP-51-10	7/21/2021	09:46	-0.10	0.00	0.0	0	2.7	18.0	0.0	0.0	0.0	0.0	
VMP-51-10	8/19/2021	09:01	0.00	0.00	0.0	0	3.0	17.8	0.0	0.0	0.0	0.0	
VMP-51-10	9/8/2021	13:20	0.00	0.00	0.0	0	3.0	18.3	0.0	0.0	0.0	0.0	
VMP-51-10	10/21/2021	09:33	0.00	0.00	0.0	0	2.6	18.8	0.0	0.0	0.0	0.0	
VMP-51-10	11/18/2021	09:10	-0.16	-0.11	0.0	0	1.6	19.7	0.0	0.0	0.0	0.0	
VMP-51-10	12/16/2021	08:17	-0.27	0.00	0.0	0	1.0	20.4	0.0	0.0	0.0	0.0	
VMP-51-20	1/20/2021	11:54	0.11	0.10	0.0	0	1.6	19.7	0.0	0.0	0.0	0.0	
VMP-51-20	2/24/2021	14:42	-0.50	-0.49	0.0	0	1.3	19.9	0.0	0.0	0.0	0.0	
VMP-51-20	3/18/2021	09:32	-0.59	-0.15	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	
VMP-51-20	4/29/2021	13:24	-0.40	-0.34	0.0	0	1.0	19.8	0.0	0.0	0.0	0.0	
VMP-51-20	5/20/2021	10:43	0.00	0.00	0.0	0	1.2	19.7	0.0	0.0	0.0	0.0	
VMP-51-20	6/17/2021	11:59	0.00	0.00	0.0	0	1.5	19.2	0.0	0.0	0.0	0.0	
VMP-51-20	7/21/2021	09:47	-0.18	-0.16	0.0	0	2.1	18.5	0.0	0.0	0.0	0.0	
VMP-51-20	8/19/2021	09:02	0.00	0.00	0.0	0	2.3	17.9	0.0	0.0	0.0	0.0	
VMP-51-20	9/8/2021	13:22	0.00	0.00	0.0	0	2.6	17.5	0.0	0.0	0.0	0.0	
VMP-51-20	10/21/2021	09:34	0.00	0.00	0.0	0	3.1	18.0	0.0	0.0	0.0	0.0	
VMP-51-20	11/18/2021	09:11	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-51-20	12/16/2021	08:18	-0.29	-0.27	0.0	0	2.6	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-51-30	1/20/2021	11:56	0.12	0.09	0.0	0	2.6	19.1	0.0	0.0	0.0	0.0	
VMP-51-30	2/24/2021	14:43	-0.53	-0.47	0.0	0	2.1	19.5	0.0	0.0	0.0	0.0	
VMP-51-30	3/18/2021	09:33	-0.62	-0.42	0.0	0	2.1	19.5	0.0	0.0	0.0	0.0	
VMP-51-30	4/29/2021	13:26	-0.43	-0.34	0.0	0	1.8	19.5	0.0	0.0	0.0	0.0	
VMP-51-30	5/20/2021	10:44	0.00	0.00	0.0	0	1.8	19.4	0.0	0.0	0.0	0.0	
VMP-51-30	6/17/2021	12:01	0.00	0.00	0.0	0	1.7	19.1	0.0	0.0	0.0	0.0	
VMP-51-30	7/21/2021	09:48	-0.19	-0.17	0.0	0	2.0	18.6	0.0	0.0	0.0	0.0	
VMP-51-30	8/19/2021	09:03	0.00	0.00	0.0	0	2.3	18.0	0.0	0.0	0.0	0.0	
VMP-51-30	9/8/2021	13:24	0.00	0.00	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-51-30	10/21/2021	09:35	-0.14	-0.14	0.0	0	3.1	17.6	0.0	0.0	0.0	0.0	
VMP-51-30	11/18/2021	09:12	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-51-30	12/16/2021	08:19	-0.27	-0.36	0.0	0	3.3	18.3	0.0	0.0	0.0	0.0	
VMP-51-30	12/16/2021	08:19	NM	NM	0.0	0	3.3	18.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-52-5	1/20/2021	09:45	0.00	0.00	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-52-5	2/24/2021	11:28	0.00	0.00	0.0	0	0.5	20.1	0.0	0.0	0.0	0.0	
VMP-52-5	3/18/2021	08:45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-52-5	4/29/2021	13:31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-52-5	5/20/2021	09:05	-2.58	0.00	0.0	0	2.2	18.0	0.0	0.0	0.0	0.0	
VMP-52-5	6/17/2021	10:15	0.00	0.00	0.0	0	3.3	17.5	0.0	0.0	0.0	0.0	
VMP-52-5	7/21/2021	10:57	0.00	0.00	0.0	0	3.9	14.8	0.0	0.0	0.0	0.0	
VMP-52-5	8/18/2021	13:34	0.00	0.00	0.0	0	4.8	15.0	0.0	0.0	0.0	0.0	
VMP-52-5	9/8/2021	12:46	0.00	0.00	0.0	0	4.6	16.6	0.0	0.0	0.0	0.0	
VMP-52-5	10/21/2021	08:19	0.00	0.00	0.0	0	3.0	18.5	0.0	0.0	0.0	0.0	
VMP-52-5	11/17/2021	13:29	0.00	-0.38	0.0	0	1.7	19.6	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-52-5	12/15/2021	13:42	0.00	0.00	0.0	0	0.9	20.3	0.0	0.0	0.0	0.0	
VMP-52-10	1/20/2021	09:46	-0.35	-0.29	0.0	0	3.9	17.9	0.0	0.0	0.0	0.0	
VMP-52-10	2/24/2021	11:30	0.00	0.00	0.0	0	2.2	18.0	0.0	0.0	0.0	0.0	
VMP-52-10	3/18/2021	08:46	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-52-10	4/29/2021	12:36	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-52-10	5/20/2021	09:06	0.30	0.26	0.0	0	2.7	17.2	0.0	0.0	0.0	0.0	
VMP-52-10	6/17/2021	10:16	0.00	0.00	0.0	0	3.8	16.6	0.0	0.0	0.0	0.0	
VMP-52-10	7/21/2021	10:58	0.00	0.00	0.0	0	3.5	13.8	0.0	0.0	0.0	0.0	
VMP-52-10	8/18/2021	13:36	0.00	0.00	0.0	0	4.8	14.2	0.0	0.0	0.0	0.0	
VMP-52-10	9/8/2021	12:48	0.00	0.00	0.0	0	5.4	13.9	0.0	0.0	0.0	0.0	
VMP-52-10	10/21/2021	08:20	0.00	0.00	0.0	0	5.7	15.2	0.0	0.0	0.0	0.0	
VMP-52-10	11/17/2021	13:30	-0.12	-0.19	0.0	0	5.8	15.8	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-52-10	12/15/2021	13:43	0.00	0.00	0.0	0	5.4	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-52-20	1/20/2021	09:47	0.00	0.13	0.0	0	3.2	17.0	0.0	0.0	0.0	0.0	
VMP-52-20	2/24/2021	11:32	0.00	-0.12	0.0	0	3.4	17.1	0.0	0.0	0.0	0.0	
VMP-52-20	3/18/2021	08:47	-0.32	-0.41	0.0	0	3.3	17.2	0.0	0.0	0.0	0.0	
VMP-52-20	4/29/2021	12:35	-0.26	-0.22	0.0	0	3.3	17.4	0.0	0.0	0.0	0.0	
VMP-52-20	5/20/2021	09:07	0.00	0.00	0.0	0	3.4	17.5	0.0	0.0	0.0	0.0	
VMP-52-20	6/17/2021	10:17	0.13	0.00	0.0	0	3.3	17.4	0.0	0.0	0.0	0.0	
VMP-52-20	7/21/2021	10:59	0.00	0.00	0.0	0	3.3	17.5	0.0	0.0	0.0	0.0	
VMP-52-20	8/18/2021	13:38	0.00	0.00	0.0	0	3.2	17.6	0.0	0.0	0.0	0.0	
VMP-52-20	9/8/2021	12:58	0.00	0.00	0.0	0	3.1	17.4	0.0	0.0	0.0	0.0	
VMP-52-20	10/21/2021	08:21	0.00	-0.12	0.0	0	3.4	17.0	0.0	0.0	0.0	0.0	
VMP-52-20	11/17/2021	13:31	0.00	-0.34	0.0	0	3.6	16.5	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-52-20	12/15/2021	13:44	0.11	0.00	0.0	0	3.7	16.4	0.0	0.0	0.0	0.0	
VMP-52-30	1/20/2021	09:48	0.00	0.12	0.0	0	3.2	17.4	0.0	0.0	0.0	0.0	
VMP-52-30	1/20/2021	09:48	NM	NM	0.0	0	3.1	17.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-52-30	2/24/2021	11:34	-0.23	-0.13	0.0	0	3.4	17.1	0.0	0.0	0.0	0.0	
VMP-52-30	3/18/2021	08:48	-0.18	-0.41	0.0	0	3.5	16.9	0.0	0.0	0.0	0.0	
VMP-52-30	4/29/2021	12:37	-0.26	-0.22	0.0	0	3.3	17.4	0.0	0.0	0.0	0.0	
VMP-52-30	5/20/2021	09:08	0.00	0.00	0.0	0	3.3	17.6	0.0	0.0	0.0	0.0	
VMP-52-30	6/17/2021	10:18	0.00	0.00	0.0	0	3.3	17.4	0.0	0.0	0.0	0.0	
VMP-52-30	7/21/2021	11:00	-0.16	-0.11	0.0	0	3.1	17.8	0.0	0.0	0.0	0.0	
VMP-52-30	8/18/2021	13:40	0.00	0.00	0.0	0	3.0	17.6	0.0	0.0	0.0	0.0	
VMP-52-30	9/8/2021	12:52	0.00	0.00	0.0	0	3.0	17.4	0.0	0.0	0.0	0.0	
VMP-52-30	10/21/2021	08:22	0.00	-0.10	0.0	0	3.4	17.0	0.0	0.0	0.0	0.0	
VMP-52-30	11/17/2021	13:32	-0.27	-0.24	0.0	0	2.7	17.7	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-52-30	12/15/2021	13:45	0.11	0.00	0.0	0	3.2	17.0	0.0	0.0	0.0	0.0	
VMP-53-5	1/20/2021	08:27	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-53-5	2/24/2021	10:02	0.00	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-53-5	3/17/2021	12:55	0.00	0.00	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-53-5	4/29/2021	11:34	0.00	0.00	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	
VMP-53-5	5/19/2021	13:27	0.00	0.00	0.0	0	0.9	19.7	0.0	0.0	0.0	0.0	
VMP-53-5	6/17/2021	09:06	0.00	0.00	0.0	0	1.8	19.4	0.0	0.0	0.0	0.0	
VMP-53-5	7/20/2021	13:03	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-53-5	8/18/2021	12:38	0.00	0.00	0.0	0	2.2	18.9	0.0	0.0	0.0	0.0	
VMP-53-5	9/8/2021	11:36	0.00	0.00	0.0	0	1.8	19.5	0.0	0.0	0.0	0.0	
VMP-53-5	10/20/2021	12:54	0.00	0.00	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	
VMP-53-5	11/17/2021	12:10	0.00	0.00	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-53-5	12/15/2021	12:33	0.00	0.00	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H 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	1/20/2021	08:28	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-53-10	2/24/2021	10:04	0.00	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-53-10	3/17/2021	12:56	0.00	0.00	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-53-10	4/29/2021	11:36	0.00	-0.44	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-53-10	5/19/2021	13:28	0.00	0.00	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-53-10	6/17/2021	09:07	0.00	0.00	0.0	0	1.2	19.6	0.0	0.0	0.0	0.0	
VMP-53-10	7/20/2021	13:03	0.00	0.00	0.0	0	1.3	19.7	0.0	0.0	0.0	0.0	
VMP-53-10	8/18/2021	12:40	0.00	0.00	0.0	0	1.4	19.6	0.0	0.0	0.0	0.0	
VMP-53-10	9/8/2021	11:38	0.00	0.00	0.0	0	1.4	19.7	0.0	0.0	0.0	0.0	
VMP-53-10	10/20/2021	12:55	0.00	0.00	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-53-10	11/17/2021	12:11	0.00	0.00	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-53-10	12/15/2021	12:34	0.00	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-53-20	1/20/2021	08:29	0.00	0.00	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-53-20	2/24/2021	10:06	-0.35	-0.36	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-53-20	3/17/2021	12:57	-0.07	0.00	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	
VMP-53-20	4/29/2021	11:38	-0.40	0.00	0.0	0	0.5	20.2	0.0	0.0	0.0	0.0	
VMP-53-20	5/19/2021	13:29	-0.32	-0.31	0.0	0	0.8	19.9	0.0	0.0	0.0	0.0	
VMP-53-20	6/17/2021	09:08	0.00	0.00	0.0	0	1.3	19.5	0.0	0.0	0.0	0.0	
VMP-53-20	7/20/2021	13:04	-0.15	-0.13	0.0	0	1.7	19.0	0.0	0.0	0.0	0.0	
VMP-53-20	8/18/2021	12:42	0.00	-0.21	0.0	0	2.1	18.6	0.0	0.0	0.0	0.0	
VMP-53-20	9/8/2021	11:40	0.00	-0.15	0.0	0	1.9	19.3	0.0	0.0	0.0	0.0	
VMP-53-20	10/20/2021	12:56	0.00	-0.15	0.0	0	1.3	19.8	0.0	0.0	0.0	0.0	
VMP-53-20	11/17/2021	12:12	0.00	-0.18	0.0	0	1.4	19.4	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-53-20	12/15/2021	12:35	0.00	0.00	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-53-30	1/20/2021	08:30	0.00	0.00	0.0	0	2.1	19.6	0.0	0.0	0.0	0.0	
VMP-53-30	2/24/2021	10:08	-0.37	-0.40	0.0	0	1.8	19.6	0.0	0.0	0.0	0.0	
VMP-53-30	3/17/2021	12:58	-0.07	0.00	0.0	0	1.8	19.5	0.0	0.0	0.0	0.0	
VMP-53-30	4/29/2021	11:40	-0.43	-0.48	0.0	0	1.9	19.1	0.0	2.4	2.4	0.0	
VMP-53-30	5/19/2021	13:30	-0.34	-0.33	0.0	0	2.0	18.8	0.0	0.0	0.0	0.0	
VMP-53-30	6/17/2021	09:09	0.00	0.00	0.0	0	2.3	18.5	0.0	0.0	0.0	0.0	
VMP-53-30	7/20/2021	13:03	-0.35	-0.16	0.0	0	2.4	18.2	0.0	0.0	0.0	0.0	
VMP-53-30	8/18/2021	12:44	-0.22	-0.25	0.0	0	2.8	17.8	0.0	0.0	0.0	0.0	
VMP-53-30	9/8/2021	11:42	-0.21	-0.17	0.0	0	2.9	17.9	0.0	0.0	0.0	0.0	
VMP-53-30	10/20/2021	12:57	-0.09	-0.15	0.0	0	2.6	18.4	0.0	0.0	0.0	0.0	
VMP-53-30	11/17/2021	12:13	0.00	-0.22	0.0	0	2.7	18.6	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-53-30	12/15/2021	12:36	0.00	0.00	0.0	0	2.2	19.2	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H 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-54-5	1/20/2021	08:45	0.00	0.00	0.0	0	2.2	18.9	0.0	0.0	0.0	0.0	
VMP-54-5	2/24/2021	10:16	0.00	0.00	0.0	0	1.7	19.3	0.0	0.0	0.0	0.0	
VMP-54-5	3/17/2021	13:10	0.05	0.00	0.0	0	2.3	18.5	0.0	0.0	0.0	0.0	
VMP-54-5	4/29/2021	11:47	0.00	0.00	0.0	0	2.8	17.9	0.0	0.0	0.0	0.0	
VMP-54-5	5/19/2021	13:46	0.00	0.00	0.0	0	3.2	17.5	0.0	0.0	0.0	0.0	
VMP-54-5	6/17/2021	09:29	0.00	0.00	0.0	0	4.5	16.6	0.0	0.0	0.0	0.0	
VMP-54-5	7/20/2021	13:21	0.00	0.00	0.0	0	4.7	15.1	0.0	0.0	0.0	0.0	
VMP-54-5	8/18/2021	12:14	0.00	0.00	0.0	0	5.2	14.9	0.0	0.0	0.0	0.0	
VMP-54-5	9/8/2021	11:48	0.00	0.00	0.0	0	4.8	15.6	0.0	0.0	0.0	0.0	
VMP-54-5	10/20/2021	13:22	0.00	0.00	0.0	0	4.0	16.5	0.0	0.0	0.0	0.0	
VMP-54-5	11/17/2021	12:26	0.00	0.00	0.0	0	3.0	17.8	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-54-5	12/15/2021	12:50	0.00	0.00	0.0	0	2.5	18.4	0.0	0.0	0.0	0.0	
VMP-54-10	1/20/2021	08:46	0.00	0.00	0.0	0	2.7	18.2	0.0	0.0	0.0	0.0	
VMP-54-10	2/24/2021	10:18	0.00	0.00	0.0	0	1.8	19.3	0.0	0.0	0.0	0.0	
VMP-54-10	3/17/2021	13:11	0.00	0.66	0.0	0	2.3	18.2	0.0	0.0	0.0	0.0	
VMP-54-10	4/29/2021	11:49	0.00	0.00	0.0	0	2.3	18.2	0.0	0.0	0.0	0.0	
VMP-54-10	5/19/2021	13:47	0.00	0.00	0.0	0	2.5	17.8	0.0	0.0	0.0	0.0	
VMP-54-10	6/17/2021	09:30	0.00	0.00	0.0	0	3.0	17.4	0.0	0.0	0.0	0.0	
VMP-54-10	7/20/2021	13:22	0.00	0.00	0.0	0	3.4	16.6	0.0	0.0	0.0	0.0	
VMP-54-10	8/18/2021	12:16	0.00	0.00	0.0	0	3.9	15.9	0.0	0.0	0.0	0.0	
VMP-54-10	8/18/2021	12:16	NM	NM	0.0	0	3.9	15.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-54-10	9/8/2021	11:50	0.00	0.00	0.0	0	4.0	15.9	0.0	0.0	0.0	0.0	
VMP-54-10	10/20/2021	13:23	0.00	0.00	0.0	0	3.8	16.5	0.0	0.0	0.0	0.0	
VMP-54-10	10/20/2021	13:23	NM	NM	0.0	0	3.9	16.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-54-10	11/17/2021	12:27	0.00	0.00	0.0	0	3.6	16.7	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-54-10	12/15/2021	12:51	2.39	0.00	0.0	0	3.2	17.3	0.0	0.0	0.0	0.0	
VMP-54-20	1/20/2021	08:47	0.00	0.00	0.0	0	3.4	16.8	0.0	0.0	0.0	0.0	
VMP-54-20	2/24/2021	10:20	0.00	0.00	0.0	0	3.1	17.0	0.0	0.0	0.0	0.0	
VMP-54-20	3/17/2021	13:12	0.00	0.19	0.0	0	3.0	17.0	0.0	0.0	0.0	0.0	
VMP-54-20	4/29/2021	11:51	0.00	0.00	0.0	0	2.5	17.5	0.0	0.0	0.0	0.0	
VMP-54-20	5/19/2021	13:48	0.00	0.00	0.0	0	2.5	17.2	0.0	0.0	0.0	0.0	
VMP-54-20	6/17/2021	09:31	0.00	0.00	0.0	0	2.7	17.0	0.0	0.0	0.0	0.0	
VMP-54-20	7/20/2021	13:23	0.00	0.00	0.0	0	2.8	16.9	0.0	0.0	0.0	0.0	
VMP-54-20	8/18/2021	12:18	0.00	0.00	0.0	0	3.0	16.3	0.0	0.0	0.0	0.0	
VMP-54-20	9/8/2021	11:52	0.00	0.00	0.0	0	3.3	15.7	0.0	0.0	0.0	0.0	
VMP-54-20	10/20/2021	13:24	0.00	0.00	0.0	0	3.8	15.1	0.0	0.0	0.0	0.0	
VMP-54-20	11/17/2021	12:28	0.00	-0.10	0.0	0	4.0	15.3	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-54-20	12/15/2021	12:52	0.09	0.00	0.0	0	3.9	15.7	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-54-30	1/20/2021	08:48	0.00	0.00	0.0	0	1.1	19.9	0.0	0.0	0.0	0 0	
VMP-54-30	2/24/2021	10:22	0.00	0.00	0.0	0	0.8	20.4	0.0	0.0	0.0	0 0	
VMP-54-30	2/24/2021	10:22	NM	NM	0.0	0	0.9	20.3	0.0	0.0	0.0	0 0	Duplicate sample.
VMP-54-30	3/17/2021	13:13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-54-30	4/29/2021	11:53	-0.35	-0.16	0.0	0	2.1	18.0	0.0	0.0	0.0	0 0	
VMP-54-30	5/19/2021	13:49	0.00	0.00	0.0	0	2.6	17.1	0.0	0.0	0.0	0 0	
VMP-54-30	6/17/2021	09:32	0.00	0.00	0.0	0	5.0	16.5	0.0	0.0	0.0	0 0	
VMP-54-30	7/20/2021	13:24	0.00	0.00	0.0	0	5.1	14.7	0.0	0.0	0.0	0 0	
VMP-54-30	8/18/2021	12:20	0.00	0.00	0.0	0	4.9	15.6	0.0	0.0	0.0	0 0	
VMP-54-30	9/8/2021	11:54	0.00	0.00	0.0	0	4.3	16.5	0.0	0.0	0.0	0 0	
VMP-54-30	10/20/2021	13:25	0.00	0.00	0.0	0	3.5	16.7	0.0	0.0	0.0	0 0	
VMP-54-30	11/17/2021	12:29	0.00	0.00	0.0	0	2.0	18.6	0.0	0.0	0.0	0 0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-54-30	12/15/2021	12:53	0.00	0.00	0.0	0	1.8	18.9	0.0	0.0	0.0	0 0	
VMP-55-5	1/19/2021	12:04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	2/23/2021	10:45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	3/17/2021	11:10	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	4/29/2021	08:21	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	5/19/2021	12:03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	6/16/2021	08:24	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	7/20/2021	11:13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	8/18/2021	09:54	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	9/8/2021	08:16	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	10/20/2021	08:38	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	11/17/2021	08:20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	12/15/2021	11:24	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	1/19/2021	12:02	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	2/23/2021	10:46	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	3/17/2021	11:11	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	4/29/2021	08:23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	5/19/2021	12:04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	6/16/2021	08:26	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	7/20/2021	11:14	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	8/18/2021	09:56	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	9/8/2021	08:17	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	10/20/2021	08:39	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	11/17/2021	08:21	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	12/15/2021	11:25	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	1/19/2021	12:00	-0.67	-0.35	4.0	80	19.1	1 0	83.4	35310	32840	2470	
VMP-55-20	2/23/2021	10:47	-0.69	-0.59	6.0	OVR	17.3	1 2	142	42160	37270	4890	
VMP-55-20	3/17/2021	11:12	0.83	-0.25	5.4	OVR	17.8	2 0	139	38470	33750	4720	
VMP-55-20	4/29/2021	08:25	-0.23	-0.15	11.7	OVR	18.7	0 7	165	65170	56430	8740	
VMP-55-20	5/19/2021	12:05	-0.33	0.00	16.3	OVR	18.8	0 3	302	67110	58110	9000	
VMP-55-20	6/16/2021	08:28	-0.67	-0.47	15.2	OVR	18.5	0 6	135	74820	65270	9550	SVE system off-line from 0754 to 0936 due to power outage.
VMP-55-20	7/20/2021	11:15	0.00	0.00	20.5	OVR	18.4	0 8	204	119000	111000	8000	
VMP-55-20	8/18/2021	09:58	-0.59	-0.58	27.4	OVR	17.6	1 1	427	144000	128000	16000	
VMP-55-20	8/18/2021	09:58	NM	NM	28.1	OVR	17.1	1 5	437	143000	127000	16000	Duplicate sample.
VMP-55-20	9/8/2021	08:18	-0.76	-0.61	17.7	OVR	17.9	1 6	243	139000	127000	12000	
VMP-55-20	10/20/2021	08:40	-0.44	-0.11	10.5	OVR	12.6	7 5	112	92180	76680	15500	
VMP-55-20	11/17/2021	08:22	-0.16	-0.14	12.0	OVR	13.3	6 3	136	81310	71160	10150	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-55-20	12/15/2021	11:26	0.46	0.75	37.1	OVR	16.6	1 2	249	141000	120000	21000	
VMP-55-20	12/15/2021	11:26	NM	NM	26.2	OVR	17.1	1 1	217	127000	111000	16000	Duplicate sample.
VMP-55-30	1/19/2021	11:58	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	2/23/2021	10:48	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	3/17/2021	11:13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	4/29/2021	08:27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	5/19/2021	12:06	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	6/16/2021	08:30	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	7/20/2021	11:16	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	8/18/2021	10:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	9/8/2021	08:19	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	10/20/2021	08:41	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	11/17/2021	08:23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	12/15/2021	11:27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-10	1/20/2021	13:16	-2.48	-2.39	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-56-10	2/24/2021	13:40	-4.80	-5.07	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-56-10	3/18/2021	11:15	-7.22	-6.56	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-56-10	4/30/2021	10:24	-4.40	-4.44	0.0	0	0.2	20.7	0.0	0.0	0.0	0 0	
VMP-56-10	5/20/2021	11:12	-3.73	-3.85	0.0	0	0.2	20.6	0.0	0.0	0.0	0 0	
VMP-56-10	6/17/2021	12:30	-0.76	-0.77	0.0	0	0.8	20.1	0.0	0.0	0.0	0 0	
VMP-56-10	7/21/2021	08:15	-1.20	-1.06	0.0	0	1.5	19.4	0.0	0.0	0.0	0 0	
VMP-56-10	8/19/2021	10:52	-0.62	-0.65	0.0	0	2.0	19.2	0.0	0.0	0.0	0 0	
VMP-56-10	9/9/2021	10:00	-0.59	-0.58	0.0	0	1.5	19.6	0.0	0.0	0.0	0 0	
VMP-56-10	10/21/2021	11:40	-0.44	-0.42	0.0	0	0.9	20.2	0.0	0.0	0.0	0 0	
VMP-56-10	11/18/2021	10:12	-1.01	-0.96	0.0	0	0.5	20.5	0.0	0.0	0.0	0 0	
VMP-56-10	12/16/2021	10:02	-0.82	-0.80	0.0	0	0.3	20.7	0.0	0.0	0.0	0 0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H 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	1/20/2021	13:18	-5.37	-5.30	0.0	0	0.0	20.9	0.0	0.0	0.0	0 0	
VMP-56-25	2/24/2021	13:41	-8.43	-8.54	0.0	0	0.0	20.9	0.2	1.1	0.0	1.1	
VMP-56-25	2/24/2021	13:41	NM	NM	0.0	0	0.0	20.9	0.2	1.0	0.0	1 0	Duplicate sample.
VMP-56-25	3/18/2021	11:16	-10.14	-9.22	0.0	0	0.1	20.8	0.3	2.8	0.0	2 8	
VMP-56-25	4/30/2021	10:26	-8.96	-9.04	0.0	0	0.2	20.7	0.0	0.0	0.0	0 0	
VMP-56-25	5/20/2021	11:14	-8.24	-8.21	0.0	0	0.2	20.6	0.0	0.0	0.0	0 0	
VMP-56-25	6/17/2021	12:31	-1.68	-1.70	0.0	0	1.0	19.5	0.0	0.0	0.0	0 0	
VMP-56-25	7/21/2021	08:16	-2.20	-2.09	0.0	0	1.6	19.0	0.0	0.0	0.0	0 0	
VMP-56-25	7/21/2021	08:16	NM	NM	0.0	0	1.7	18.9	0.0	0.0	0.0	0 0	Duplicate sample.
VMP-56-25	8/19/2021	10:53	-0.77	-1.24	0.0	0	0.6	20.3	0.0	0.0	0.0	0 0	
VMP-56-25	9/9/2021	10:01	-1.21	-1.11	0.0	0	0.5	20.4	0.0	0.0	0.0	0 0	
VMP-56-25	10/21/2021	11:41	-0.95	-0.98	0.0	0	0.4	20.5	0.0	0.0	0.0	0 0	
VMP-56-25	11/18/2021	10:14	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-25	12/16/2021	10:03	-1.47	-1.63	0.0	0	0.5	20.7	0.0	0.0	0.0	0 0	
VMP-56-25	12/16/2021	10:03	NM	NM	0.0	0	0.5	20.7	0.0	0.0	0.0	0 0	Duplicate sample.
VMP-56-38.5	1/20/2021	13:20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	2/24/2021	13:42	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	3/18/2021	11:17	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	4/30/2021	10:28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	5/20/2021	11:15	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	6/17/2021	12:32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	7/21/2021	08:17	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	8/19/2021	10:54	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	9/9/2021	10:02	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	10/21/2021	11:42	-4.32	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	11/18/2021	10:16	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	12/16/2021	10:04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-5A	1/19/2021	13:45	-0.13	-0.12	0.0	0	0.4	20.5	0.0	0.0	0.0	0 0	
VMP-57-5A	2/23/2021	14:58	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0 0	
VMP-57-5A	3/17/2021	14:35	0.13	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0 0	
VMP-57-5A	4/29/2021	14:00	0.40	-0.14	0.0	0	0.8	20.2	0.0	0.0	0.0	0 0	
VMP-57-5A	5/19/2021	12:38	0.00	0.00	0.0	0	0.9	20.0	0.0	0.0	0.0	0 0	
VMP-57-5A	6/16/2021	13:50	0.00	-0.10	0.0	0	1.5	18.9	0.0	0.0	0.0	0 0	
VMP-57-5A	7/20/2021	11:45	0.37	0.26	0.0	0	2.3	18.3	0.0	0.0	0.0	0 0	
VMP-57-5A	8/18/2021	13:50	0.00	0.00	0.0	0	2.6	18.2	0.0	0.0	0.0	0 0	
VMP-57-5A	9/8/2021	11:56	0.00	0.00	0.0	0	2.4	18.7	0.0	0.0	0.0	0 0	
VMP-57-5A	10/21/2021	13:45	-0.16	0.44	0.0	0	1.4	19.8	0.0	0.0	0.0	0 0	
VMP-57-5A	11/18/2021	08:45	-0.15	-0.16	0.0	0	0.9	20.0	0.0	0.0	0.0	0 0	
VMP-57-5A	12/16/2021	08:55	-0.40	-0.29	0.0	0	0.5	20.6	0.0	0.0	0.0	0 0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H 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	1/19/2021	13:46	-0.36	-0.35	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-57-10	2/23/2021	14:59	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-10	3/17/2021	14:36	0.00	-0.15	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-57-10	4/29/2021	14:01	-0.87	-1.02	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-57-10	5/19/2021	12:40	-0.23	0.00	0.0	0	0.8	20.1	0.0	0.0	0.0	0.0	
VMP-57-10	5/19/2021	12:40	NM	NM	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-57-10	6/16/2021	13:51	0.00	0.00	0.0	0	0.6	19.8	0.0	0.0	0.0	0.0	
VMP-57-10	7/20/2021	11:46	-0.38	-0.20	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	
VMP-57-10	8/18/2021	13:51	-0.21	-0.14	0.0	0	2.1	18.9	0.6	4.1	0.0	4.1	
VMP-57-10	9/8/2021	11:57	-0.24	-0.27	0.0	0	2.0	19.3	0.0	0.0	0.0	0.0	
VMP-57-10	10/21/2021	13:46	-0.13	-0.12	0.0	0	1.2	20.0	0.0	0.0	0.0	0.0	
VMP-57-10	11/18/2021	08:46	-0.51	-0.48	0.0	0	0.8	20.0	0.0	0.0	0.0	0.0	
VMP-57-10	12/16/2021	08:56	-1.06	-0.77	0.0	0	0.5	20.7	0.0	0.0	0.0	0.0	
VMP-57-20	1/19/2021	13:47	-3.20	-0.20	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-57-20	1/19/2021	13:47	NM	NM	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-57-20	2/23/2021	15:00	-0.90	-0.50	0.2	4	0.3	20.3	0.2	1486	1486	0.0	Attempted to re-sample to confirm initial results.
VMP-57-20	2/25/2021	10:29	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged when attempting to re-sample.
VMP-57-20	3/17/2021	14:37	-0.94	0.18	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-57-20	4/29/2021	14:02	-0.33	-0.40	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	
VMP-57-20	5/19/2021	12:42	-0.55	-0.11	0.0	0	0.9	19.8	0.0	0.0	0.0	0.0	
VMP-57-20	6/16/2021	13:52	0.00	-0.12	0.0	0	1.7	18.5	0.0	0.0	0.0	0.0	
VMP-57-20	6/16/2021	13:52	NM	NM	0.0	0	1.7	18.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-57-20	7/20/2021	11:47	0.00	-0.09	0.0	0	2.3	18.2	0.0	0.0	0.0	0.0	
VMP-57-20	8/18/2021	13:52	0.00	0.00	0.0	0	3.0	17.4	0.0	0.0	0.0	0.0	
VMP-57-20	9/8/2021	11:58	-0.12	0.00	0.0	0	3.0	17.5	0.0	0.0	0.0	0.0	
VMP-57-20	10/21/2021	13:47	-0.15	-0.13	0.0	0	1.9	19.4	0.0	0.0	0.0	0.0	
VMP-57-20	11/18/2021	08:47	-0.03	-0.21	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-57-20	12/16/2021	08:57	-0.49	-0.37	0.0	0	0.6	20.6	0.0	0.0	0.0	0.0	
VMP-58-5	1/19/2021	13:30	-1.15	-0.53	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-58-5	2/23/2021	14:32	0.00	-0.17	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-58-5	3/17/2021	14:20	-0.62	-0.65	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-58-5	4/29/2021	13:47	-1.11	-1.31	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-58-5	5/20/2021	08:14	-0.40	-0.92	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-58-5	6/16/2021	13:35	-0.36	-0.51	0.0	0	0.3	20.2	0.0	0.0	0.0	0.0	
VMP-58-5	7/20/2021	11:30	-0.58	-0.66	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-58-5	8/18/2021	13:35	-0.39	-0.41	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-58-5	9/9/2021	08:30	-0.82	-0.69	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-58-5	10/21/2021	13:35	-0.44	-0.37	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-58-5	11/18/2021	08:33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-58-5	12/16/2021	08:40	0.00	-1.02	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H 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	1/19/2021	13:31	-0.67	-0.66	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-58-10	2/23/2021	14:34	0.00	-0.44	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-58-10	3/17/2021	14:21	-0.40	-0.77	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-58-10	4/29/2021	13:48	-2.39	-1.52	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-58-10	5/20/2021	08:16	-1.52	-1.08	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-58-10	6/16/2021	13:36	-0.46	-0.63	0.0	0	0.2	20.3	0.0	0.0	0.0	0.0	
VMP-58-10	7/20/2021	11:31	-0.72	-0.77	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-58-10	8/18/2021	13:36	0.00	-0.52	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-58-10	9/9/2021	08:31	-0.97	-0.85	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-58-10	10/21/2021	13:36	-0.57	-0.28	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-58-10	11/18/2021	08:34	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-58-10	12/16/2021	08:41	-1.22	-1.26	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-58-20	1/19/2021	13:32	-1.65	-0.90	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-58-20	2/23/2021	14:36	0.00	-1.25	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-58-20	2/23/2021	14:36	NM	NM	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-58-20	3/17/2021	14:22	-0.62	-0.99	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-58-20	4/29/2021	13:49	-1.72	-1.86	0.0	0	0.2	20.5	0.0	0.0	0.0	0.0	
VMP-58-20	5/20/2021	08:18	-1.36	-1.33	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-58-20	6/16/2021	13:37	-0.66	-0.82	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-58-20	7/20/2021	11:32	-1.08	-1.23	0.0	0	0.8	20.0	0.0	0.0	0.0	0.0	
VMP-58-20	8/18/2021	13:37	-0.85	-0.71	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-58-20	9/9/2021	08:32	-0.25	-1.11	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-58-20	10/21/2021	13:37	-0.78	-0.66	0.0	0	1.0	20.0	0.0	0.0	0.0	0.0	
VMP-58-20	11/18/2021	08:35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-58-20	12/16/2021	08:42	-1.59	-1.68	0.0	0	0.6	20.6	0.0	0.0	0.0	0.0	
VMP-58-20	12/16/2021	08:42	NM	NM	0.0	0	0.6	20.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-58-30	1/19/2021	13:33	-1.62	-0.94	0.0	0	2.5	18.8	0.0	0.0	0.0	0.0	
VMP-58-30	2/23/2021	14:38	1.43	-1.47	0.0	0	1.4	19.9	0.0	0.0	0.0	0.0	
VMP-58-30	3/17/2021	14:23	-0.81	-1.18	0.0	0	1.0	20.1	0.0	0.0	0.0	0.0	
VMP-58-30	4/29/2021	13:50	-2.20	-2.08	0.0	0	0.7	19.8	0.0	0.0	0.0	0.0	
VMP-58-30	5/20/2021	08:20	-1.61	-1.53	0.0	0	1.0	19.8	0.0	0.0	0.0	0.0	
VMP-58-30	6/16/2021	13:38	-0.89	-1.06	0.0	0	1.5	18.9	0.0	0.0	0.0	0.0	
VMP-58-30	7/20/2021	11:33	-1.18	-1.23	0.0	0	1.6	19.0	0.0	0.0	0.0	0.0	
VMP-58-30	8/18/2021	13:38	-1.13	-0.94	0.0	0	1.9	18.8	0.0	0.0	0.0	0.0	
VMP-58-30	9/9/2021	08:33	-1.53	-1.39	0.0	0	1.8	19.2	0.0	0.0	0.0	0.0	
VMP-58-30	10/21/2021	13:38	-1.00	-0.91	0.0	0	2.2	19.1	0.0	0.0	0.0	0.0	
VMP-58-30	11/18/2021	08:36	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-58-30	12/16/2021	08:43	-1.96	-2.05	0.0	0	1.9	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-59-5	1/19/2021	13:16	-1.32	-0.40	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-59-5	2/23/2021	14:16	-0.82	-0.89	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-59-5	3/17/2021	14:05	-0.86	-0.96	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-59-5	4/29/2021	13:30	-1.27	-1.26	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-59-5	5/19/2021	12:22	-0.69	-0.60	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-59-5	6/16/2021	13:25	-0.54	-0.63	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-59-5	7/20/2021	11:10	-1.39	-0.71	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-59-5	8/18/2021	13:20	-1.13	-0.53	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-59-5	9/8/2021	11:44	-0.68	-0.63	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-59-5	10/21/2021	13:20	-0.55	-0.44	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-59-5	11/18/2021	08:25	-0.77	-0.73	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-59-5	12/16/2021	08:30	-1.00	-1.02	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-59-10	1/19/2021	13:16	-1.36	-0.44	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-59-10	2/23/2021	14:18	-0.45	-1.01	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-59-10	3/17/2021	14:06	-1.08	-1.06	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-59-10	4/29/2021	13:31	-1.39	-1.38	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-59-10	5/19/2021	12:24	-0.68	-0.50	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-59-10	6/16/2021	13:26	-0.61	-0.72	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-59-10	7/20/2021	11:11	-0.85	-0.68	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-59-10	8/18/2021	13:21	-0.12	-0.51	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-59-10	9/8/2021	11:45	-0.70	-0.58	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-59-10	10/21/2021	13:21	-0.58	-0.43	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-59-10	11/18/2021	08:26	-0.83	-0.71	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-59-10	12/16/2021	08:31	-1.00	-1.01	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-59-20	1/19/2021	13:17	-14.46	-1.10	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-59-20	2/23/2021	14:20	-4.58	-4.82	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-59-20	3/17/2021	14:07	-29.45	-4.56	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-59-20	4/29/2021	13:32	-5.15	-5.09	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-59-20	4/29/2021	13:32	NM	NM	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-59-20	5/19/2021	12:26	-3.43	-3.28	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-59-20	6/16/2021	13:27	-3.10	-3.43	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-59-20	7/20/2021	11:12	-3.66	-3.47	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-59-20	8/18/2021	13:22	-3.45	-3.32	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-59-20	9/8/2021	11:46	-3.54	-3.41	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-59-20	10/21/2021	13:22	-3.31	-3.04	0.0	0	0.4	20.7	0.0	0.0	0.0	0.0	
VMP-59-20	11/18/2021	08:27	-4.36	-4.12	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-59-20	12/16/2021	08:32	-4.31	-4.51	0.0	0	0.2	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-59-30	1/19/2021	13:18	-1.10	-0.15	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-59-30	2/23/2021	14:22	-0.86	-1.13	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-59-30	3/17/2021	14:08	-0.81	-1.16	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-59-30	4/29/2021	13:33	-1.27	-1.44	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-59-30	5/19/2021	12:28	-0.81	-0.74	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-59-30	6/16/2021	13:28	-0.65	-0.72	0.0	0	0.2	20.4	0.0	0.0	0.0	0.0	
VMP-59-30	7/20/2021	11:13	-1.23	-0.81	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-59-30	8/18/2021	13:23	-0.86	-0.64	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-59-30	9/8/2021	11:47	-0.71	-0.78	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-59-30	10/21/2021	13:23	-0.68	-0.50	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-59-30	11/18/2021	08:28	-0.89	-0.87	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-59-30	12/16/2021	08:33	-1.09	-1.10	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-60-5	1/19/2021	11:05	-0.45	-0.71	0.0	0	0.4	20.6	0.6	3.7	0.0	3.7	
VMP-60-5	2/23/2021	12:30	-0.51	-0.47	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-60-5	3/17/2021	12:20	-0.71	-0.55	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-60-5	4/29/2021	09:25	-0.96	-0.90	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-60-5	5/19/2021	10:50	-0.53	-0.54	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-60-5	6/16/2021	11:15	-0.26	-0.36	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-60-5	7/20/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP in construction area.
VMP-60-5	8/18/2021	11:25	-0.35	-0.32	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	
VMP-60-5	9/8/2021	10:20	-0.35	-0.34	0.0	0	1.1	19.8	0.0	0.0	0.0	0.0	
VMP-60-5	10/21/2021	10:00	-0.45	-0.34	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-60-5	11/17/2021	12:59	0.00	-0.42	0.0	0	1.3	18.8	1.3	101	96.3	4.7	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-60-5	11/18/2021	12:45	-0.32	NM	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	Re-sample.
VMP-60-5	12/15/2021	10:50	-0.27	-0.23	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-60-10	1/19/2021	11:06	-0.40	-0.64	0.0	0	0.3	20.7	2.4	11.0	0.0	11.0	
VMP-60-10	2/23/2021	12:32	-0.51	-0.44	0.0	0	0.2	20.7	0.7	1.2	0.0	1.2	
VMP-60-10	3/17/2021	12:21	-0.59	-0.50	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-60-10	4/29/2021	09:26	-0.08	-0.16	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-60-10	4/29/2021	09:26	NM	NM	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-60-10	5/19/2021	10:52	-0.44	-0.44	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-60-10	6/16/2021	11:16	-0.28	-0.30	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-60-10	7/20/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP in construction area.
VMP-60-10	8/18/2021	11:26	-0.44	-0.27	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-60-10	9/8/2021	10:21	-0.35	-0.27	0.0	0	0.9	19.9	0.0	0.0	0.0	0.0	
VMP-60-10	10/21/2021	10:01	-0.45	-0.29	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-60-10	11/17/2021	13:00	-0.54	-0.41	0.0	0	1.2	18.8	0.8	166	155	11.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-60-10	11/18/2021	12:46	-0.27	NM	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	Re-sample.
VMP-60-10	12/15/2021	10:51	0.00	-0.21	0.0	0	0.2	20.7	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-60-20	1/19/2021	11:07	-0.72	-1.29	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-60-20	2/23/2021	12:34	-0.95	-0.85	0.0	0	0.2	20.7	0.3	0.4	0.0	0.4	
VMP-60-20	3/17/2021	12:22	-1.10	-0.98	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-60-20	4/29/2021	09:27	-1.43	-1.25	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-60-20	5/19/2021	10:54	-0.87	-0.85	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-60-20	6/16/2021	11:17	-0.65	-0.67	0.0	0	0.8	20.0	0.0	0.0	0.0	0.0	
VMP-60-20	7/20/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP in construction area.
VMP-60-20	8/18/2021	11:27	-0.76	-0.67	0.0	0	1.2	19.7	0.0	0.0	0.0	0.0	
VMP-60-20	9/8/2021	10:22	-0.73	-0.65	0.0	0	1.2	19.6	0.0	0.0	0.0	0.0	
VMP-60-20	9/8/2021	10:22	NM	NM	0.0	0	1.2	19.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-60-20	10/21/2021	10:02	-0.80	-0.65	0.0	0	0.9	20.2	0.0	0.0	0.0	0.0	
VMP-60-20	11/17/2021	13:01	-0.94	-0.87	0.0	0	1.2	19.2	0.0	18.3	18.3	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-60-20	11/17/2021	13:01	NM	NM	0.0	0	1.3	19.1	0.0	18.8	18.8	0.0	Duplicate sample. SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-60-20	11/18/2021	12:47	-0.65	NM	0.0	0	0.7	19.9	0.0	0.0	0.0	0.0	Re-sample.
VMP-60-20	12/15/2021	10:52	-0.54	-0.53	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-60-20	12/15/2021	10:52	NM	NM	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-60-33.5	1/19/2021	11:08	-0.40	-0.69	0.0	0	0.4	20.6	0.8	4.1	0.0	4.1	
VMP-60-33.5	2/23/2021	12:36	-0.56	-0.49	0.0	0	0.2	20.7	0.4	0.7	0.0	0.7	
VMP-60-33.5	3/17/2021	12:23	-0.67	-0.55	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-60-33.5	4/29/2021	09:28	-0.78	-0.79	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-60-33.5	5/19/2021	10:55	-0.46	-0.49	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-60-33.5	6/16/2021	11:18	-0.27	-0.32	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-60-33.5	7/20/2021	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP in construction area.
VMP-60-33.5	8/18/2021	11:28	-0.48	-0.30	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-60-33.5	9/8/2021	10:23	-0.36	-0.27	0.0	0	0.9	19.8	0.0	0.0	0.0	0.0	
VMP-60-33.5	10/21/2021	10:03	-0.45	-0.30	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-60-33.5	10/21/2021	10:03	NM	NM	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-60-33.5	11/17/2021	13:01	-0.55	-0.49	0.0	0	1.1	19.0	1.4	113	107	6.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-60-33.5	11/18/2021	12:48	-0.30	NM	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	Re-sample.
VMP-60-33.5	12/15/2021	10:53	-0.26	-0.22	0.0	0	0.2	20.6	0.2	0.0	0.0	0.0	
VMP-61-5	1/19/2021	13:55	-0.35	-0.08	0.0	0	2.0	19.7	0.0	0.0	0.0	0.0	
VMP-61-5	2/23/2021	15:06	0.00	0.00	0.0	0	1.4	19.7	0.1	0.0	0.0	0.0	
VMP-61-5	3/17/2021	14:55	0.31	0.00	0.0	0	1.7	19.8	0.0	0.0	0.0	0.0	
VMP-61-5	4/29/2021	14:10	-0.13	-0.40	0.0	0	1.6	19.4	0.0	0.0	0.0	0.0	
VMP-61-5	5/20/2021	08:26	0.00	-0.20	0.0	0	1.8	19.5	0.0	0.0	0.0	0.0	
VMP-61-5	6/16/2021	14:05	0.00	0.00	0.0	0	2.4	18.1	0.0	0.0	0.0	0.0	
VMP-61-5	7/20/2021	12:00	0.00	0.00	0.0	0	3.3	16.6	0.0	0.0	0.0	0.0	
VMP-61-5	8/18/2021	14:00	0.56	0.00	0.0	0	3.6	17.0	0.0	0.0	0.0	0.0	
VMP-61-5	9/8/2021	12:04	-0.13	0.00	0.0	0	3.6	17.0	0.0	0.0	0.0	0.0	
VMP-61-5	10/21/2021	13:55	-0.22	-0.15	0.0	0	3.9	17.0	0.0	0.0	0.0	0.0	
VMP-61-5	11/18/2021	09:00	-0.86	-0.16	0.0	0	2.6	18.3	0.0	0.0	0.0	0.0	
VMP-61-5	12/16/2021	09:05	-0.50	-0.55	0.0	0	2.3	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-61-10	1/19/2021	13:56	-0.45	-0.24	0.0	0	1.6	18.5	0.0	0.0	0.0	0.0	
VMP-61-10	2/23/2021	15:08	0.27	-0.22	0.0	0	1.2	19.0	0.1	0.0	0.0	0.0	
VMP-61-10	3/17/2021	14:56	0.19	0.00	0.0	0	1.1	19.4	0.0	0.0	0.0	0.0	
VMP-61-10	4/29/2021	14:11	-0.36	-0.54	0.0	0	1.2	19.5	0.0	0.0	0.0	0.0	
VMP-61-10	5/20/2021	08:28	-0.37	-0.34	0.0	0	1.3	19.9	0.0	0.0	0.0	0.0	
VMP-61-10	6/16/2021	14:06	0.00	0.00	0.0	0	1.5	18.9	0.0	0.0	0.0	0.0	
VMP-61-10	7/20/2021	12:01	0.00	-0.10	0.0	0	2.0	18.3	0.0	0.0	0.0	0.0	
VMP-61-10	8/18/2021	14:01	0.00	0.00	0.0	0	2.5	17.9	0.0	0.0	0.0	0.0	
VMP-61-10	9/8/2021	12:05	-0.12	-0.10	0.0	0	2.6	17.6	0.0	0.0	0.0	0.0	
VMP-61-10	9/8/2021	12:05	NM	NM	0.0	0	2.6	17.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-61-10	10/21/2021	13:56	0.00	0.00	0.0	0	2.7	17.7	0.0	0.0	0.0	0.0	
VMP-61-10	11/18/2021	09:01	-0.28	-0.28	0.0	0	2.6	17.6	0.0	0.0	0.0	0.0	
VMP-61-10	12/16/2021	09:06	-0.71	-0.59	0.0	0	2.3	18.3	0.0	0.0	0.0	0.0	
VMP-61-20	1/19/2021	13:57	-0.47	0.40	0.0	0	2.0	19.8	0.0	0.0	0.0	0.0	
VMP-61-20	2/23/2021	15:10	0.00	-0.14	0.0	0	1.4	19.7	0.0	0.0	0.0	0.0	
VMP-61-20	2/23/2021	15:10	NM	NM	0.0	0	1.4	19.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-61-20	3/17/2021	14:57	0.44	-0.60	0.0	0	1.5	20.1	0.0	0.0	0.0	0.0	
VMP-61-20	4/29/2021	14:12	0.00	-0.41	0.0	0	1.5	19.6	0.0	0.0	0.0	0.0	
VMP-61-20	5/20/2021	08:30	-0.50	-0.26	0.0	0	1.7	19.7	0.0	0.0	0.0	0.0	
VMP-61-20	6/16/2021	14:07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-20	7/20/2021	12:02	-0.86	-0.33	0.0	0	3.1	17.1	0.0	0.0	0.0	0.0	
VMP-61-20	8/18/2021	14:02	0.00	0.00	0.0	0	3.5	17.1	0.0	0.0	0.0	0.0	
VMP-61-20	9/8/2021	12:06	0.00	0.00	0.0	0	3.5	17.1	0.0	0.0	0.0	0.0	
VMP-61-20	10/21/2021	13:57	0.00	0.00	0.0	0	3.4	17.5	0.0	0.0	0.0	0.0	
VMP-61-20	11/18/2021	09:02	-0.39	-0.17	0.0	0	2.7	18.0	0.0	0.0	0.0	0.0	
VMP-61-20	12/16/2021	09:07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	1/19/2021	13:58	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	2/23/2021	15:12	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	3/17/2021	14:58	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	4/29/2021	14:13	0.77	-0.13	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Re-sampled to confirm initial results.
VMP-61-30	4/30/2021	08:35	-0.30	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Re-sample.
VMP-61-30	5/20/2021	08:32	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-61-30	6/16/2021	14:08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	7/20/2021	12:03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	8/18/2021	14:03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	9/8/2021	12:07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	10/21/2021	13:58	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	11/18/2021	09:03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	12/16/2021	09:08	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-62-5	1/20/2021	08:25	0.00	0.00	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-62-5	2/24/2021	09:10	-0.11	-0.07	0.0	0	0.8	20.3	0.0	0.0	0.0	0.0	
VMP-62-5	3/18/2021	09:20	0.00	0.00	0.0	0	1.0	19.6	0.0	0.0	0.0	0.0	
VMP-62-5	4/30/2021	09:40	-0.27	0.00	0.0	0	1.9	18.6	0.0	0.0	0.0	0.0	
VMP-62-5	5/19/2021	14:02	0.00	0.00	0.0	0	2.0	18.6	0.0	0.0	0.0	0.0	
VMP-62-5	6/17/2021	09:30	0.00	0.00	0.0	0	4.2	16.8	0.0	0.0	0.0	0.0	
VMP-62-5	7/20/2021	13:30	0.00	0.00	0.0	0	5.5	14.6	0.0	0.0	0.0	0.0	
VMP-62-5	8/19/2021	09:00	0.00	0.00	0.0	0	6.5	14.8	0.0	0.0	0.0	0.0	
VMP-62-5	9/8/2021	13:30	-1.54	-1.91	0.0	0	5.6	15.4	0.0	0.0	0.0	0.0	
VMP-62-5	10/21/2021	14:12	0.00	0.00	0.0	0	3.8	17.3	0.0	0.0	0.0	0.0	
VMP-62-5	11/18/2021	10:40	-0.16	-0.18	0.0	0	2.6	18.8	0.0	0.0	0.0	0.0	
VMP-62-5	12/16/2021	10:05	0.00	0.00	0.0	0	1.5	19.5	0.0	0.0	0.0	0.0	
VMP-62-10	1/20/2021	08:26	-0.26	-0.13	0.0	0	1.9	19.5	0.0	0.0	0.0	0.0	
VMP-62-10	2/24/2021	09:11	-0.11	-0.07	0.0	0	1.4	20.0	0.0	0.0	0.0	0.0	
VMP-62-10	3/18/2021	09:21	-0.12	-0.11	0.0	0	1.4	19.5	0.0	0.0	0.0	0.0	
VMP-62-10	4/30/2021	09:41	-0.13	-0.10	0.0	0	1.9	19.0	0.0	0.0	0.0	0.0	
VMP-62-10	5/19/2021	14:04	0.00	0.00	0.0	0	2.4	18.2	0.0	0.0	0.0	0.0	
VMP-62-10	6/17/2021	09:31	-0.14	-0.13	0.0	0	3.3	17.6	0.0	0.0	0.0	0.0	
VMP-62-10	7/20/2021	13:31	-0.10	-0.13	0.0	0	4.6	15.8	0.0	0.0	0.0	0.0	
VMP-62-10	8/19/2021	09:01	0.00	0.00	0.0	0	5.6	15.4	0.0	0.0	0.0	0.0	
VMP-62-10	9/8/2021	13:31	0.00	0.00	0.0	0	5.1	16.2	0.0	0.0	0.0	0.0	
VMP-62-10	10/21/2021	14:13	0.00	0.00	0.0	0	3.9	17.6	0.0	0.0	0.0	0.0	
VMP-62-10	11/18/2021	10:41	-0.37	0.00	0.0	0	3.3	18.3	0.0	0.0	0.0	0.0	
VMP-62-10	12/16/2021	10:06	0.00	0.00	0.0	0	2.1	19.4	0.0	0.0	0.0	0.0	
VMP-62-20	1/20/2021	08:27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield purge.
VMP-62-20	2/24/2021	09:12	-1.24	-1.25	0.0	0	1.5	19.9	0.1	0.0	0.0	0.0	
VMP-62-20	2/24/2021	09:12	NM	NM	0.0	0	1.5	19.9	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-62-20	3/18/2021	09:22	-1.07	-1.42	0.0	0	1.3	19.6	0.0	0.0	0.0	0.0	
VMP-62-20	4/30/2021	09:42	-1.77	-1.06	0.0	0	1.7	19.2	0.0	0.0	0.0	0.0	
VMP-62-20	5/20/2021	08:32	-1.52	-1.00	0.0	0	2.4	18.5	0.0	0.0	0.0	0.0	
VMP-62-20	6/17/2021	09:32	-0.88	-0.75	0.0	0	3.1	17.7	0.0	0.0	0.0	0.0	
VMP-62-20	7/20/2021	13:32	-0.91	-0.70	0.0	0	4.3	15.9	0.0	0.0	0.0	0.0	
VMP-62-20	8/19/2021	09:02	-0.73	-0.68	0.0	0	5.2	15.7	0.0	0.0	0.0	0.0	
VMP-62-20	8/19/2021	09:02	NM	NM	0.0	0	5.2	15.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-62-20	9/8/2021	13:32	-0.61	-0.43	0.0	0	4.8	16.2	0.0	0.0	0.0	0.0	
VMP-62-20	10/21/2021	14:14	-0.62	-0.66	0.0	0	4.0	17.5	0.0	0.0	0.0	0.0	
VMP-62-20	11/18/2021	10:42	-0.87	-0.85	0.0	0	3.2	18.5	0.0	0.0	0.0	0.0	
VMP-62-20	11/18/2021	10:42	NM	NM	0.0	0	3.3	18.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-62-20	12/16/2021	10:07	-1.06	-0.96	0.0	0	2.4	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-62-30	1/20/2021	08:28	-0.29	-0.95	0.0	0	1.7	19.2	0.0	3.1	3.1	0.0	
VMP-62-30	1/20/2021	08:28	NM	NM	0.0	0	1.8	19.1	0.0	2.7	2.7	0.0	Duplicate sample.
VMP-62-30	2/24/2021	09:13	-2.35	-2.11	0.0	0	1.5	19.9	0.0	0.0	0.0	0.0	
VMP-62-30	3/18/2021	09:23	-1.96	-2.32	0.0	0	1.1	19.7	0.0	0.0	0.0	0.0	
VMP-62-30	4/30/2021	09:43	-1.79	-1.66	0.0	0	1.2	19.7	0.0	0.0	0.0	0.0	
VMP-62-30	5/19/2021	14:06	-0.61	-1.08	0.0	0	1.4	18.8	0.0	0.0	0.0	0.0	
VMP-62-30	6/17/2021	09:33	-1.85	-1.18	0.0	0	1.5	18.7	0.0	0.0	0.0	0.0	
VMP-62-30	7/20/2021	13:33	-3.68	-1.03	0.0	0	1.7	18.4	0.0	0.0	0.0	0.0	
VMP-62-30	8/19/2021	09:03	-1.18	-0.99	0.0	0	2.5	18.0	0.0	0.0	0.0	0.0	
VMP-62-30	9/8/2021	13:33	-0.62	-0.93	0.0	0	2.6	17.9	0.0	0.0	0.0	0.0	
VMP-62-30	10/21/2021	14:15	-0.96	-1.03	0.0	0	27.0	18.1	0.0	0.0	0.0	0.0	
VMP-62-30	11/18/2021	10:43	-1.06	-1.44	0.0	0	2.6	18.8	0.0	0.0	0.0	0.0	
VMP-62-30	12/16/2021	10:08	-3.81	-1.60	0.0	0	2.2	19.5	0.0	0.0	0.0	0.0	
VMP-63-5	1/20/2021	08:10	0.00	-0.02	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-63-5	2/24/2021	08:38	-0.22	-0.34	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-63-5	3/18/2021	08:40	-2.45	-0.34	0.0	0	0.2	20.4	0.0	0.0	0.0	0.0	
VMP-63-5	4/30/2021	09:05	-0.27	-0.20	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-63-5	5/19/2021	13:36	0.00	-0.16	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-63-5	6/17/2021	09:00	-0.18	-0.15	0.0	0	0.9	19.8	0.0	0.0	0.0	0.0	
VMP-63-5	7/20/2021	13:15	0.00	-0.13	0.0	0	1.3	19.8	0.0	0.0	0.0	0.0	
VMP-63-5	8/19/2021	08:30	-0.30	0.00	0.0	0	1.4	19.8	0.0	0.0	0.0	0.0	
VMP-63-5	9/8/2021	12:44	-0.15	0.00	0.0	0	1.1	19.8	0.0	0.0	0.0	0.0	
VMP-63-5	10/22/2021	09:10	0.00	-0.09	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-63-5	11/18/2021	09:45	-0.10	-0.08	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-63-5	12/16/2021	09:40	-0.69	-0.16	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-63-10	1/20/2021	08:11	-0.33	-0.07	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-63-10	2/24/2021	08:39	-0.11	-0.28	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-63-10	3/18/2021	09:41	-0.63	-0.81	0.0	0	0.2	20.5	0.0	0.0	0.0	0.0	
VMP-63-10	4/30/2021	09:21	-0.26	-0.24	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	
VMP-63-10	5/19/2021	13:38	-0.09	-0.13	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-63-10	6/17/2021	09:01	-0.28	-0.36	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-63-10	7/20/2021	13:16	-9.03	0.25	0.0	0	1.6	19.5	0.0	0.0	0.0	0.0	
VMP-63-10	7/20/2021	13:16	NM	NM	0.0	0	1.6	19.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-63-10	8/19/2021	08:31	-0.17	-0.12	0.0	0	1.7	19.5	0.0	0.0	0.0	0.0	
VMP-63-10	9/8/2021	12:46	-0.09	-0.13	0.0	0	1.2	19.8	0.0	0.0	0.0	0.0	
VMP-63-10	10/22/2021	09:11	-0.15	-0.16	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-63-10	11/18/2021	09:46	-0.18	-0.14	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-63-10	12/16/2021	09:41	-0.49	-0.25	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H 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-63-20	1/20/2021	08:12	-0.22	-0.18	0.0	0	0.9	20.4	0.0	0.0	0.0	0.0	
VMP-63-20	2/24/2021	08:40	-1.09	-1.09	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	
VMP-63-20	3/18/2021	08:42	-1.16	-1.30	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	
VMP-63-20	4/30/2021	09:07	-0.95	-0.90	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-63-20	5/19/2021	13:40	-0.42	-0.43	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-63-20	6/17/2021	09:02	-0.58	-0.58	0.0	0	1.0	19.6	0.0	0.0	0.0	0.0	
VMP-63-20	7/20/2021	13:17	-0.38	-0.44	0.0	0	1.8	18.8	0.0	0.0	0.0	0.0	
VMP-63-20	8/19/2021	08:32	-0.60	-0.51	0.0	0	2.0	19.0	0.0	0.0	0.0	0.0	
VMP-63-20	9/8/2021	12:46	-0.38	-0.42	0.0	0	2.1	19.1	0.0	0.0	0.0	0.0	
VMP-63-20	10/22/2021	09:12	-0.52	-0.51	0.0	0	1.7	19.6	0.0	0.0	0.0	0.0	
VMP-63-20	11/18/2021	09:47	-0.68	-0.56	0.0	0	1.4	19.8	0.0	0.0	0.0	0.0	
VMP-63-20	12/16/2021	09:42	-1.01	-0.80	0.0	0	0.8	20.4	0.0	0.0	0.0	0.0	
VMP-63-30	1/20/2021	08:13	-0.23	-0.24	0.0	0	1.6	20.0	0.0	0.0	0.0	0.0	
VMP-63-30	2/24/2021	08:41	-0.77	-1.24	0.0	0	1.3	20.1	0.0	0.0	0.0	0.0	
VMP-63-30	3/18/2021	08:43	-1.18	-1.47	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-63-30	4/30/2021	09:08	-1.44	-1.00	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	
VMP-63-30	5/19/2021	13:42	-0.50	-0.52	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	
VMP-63-30	6/17/2021	09:03	-0.68	-0.68	0.0	0	1.1	19.5	0.0	0.0	0.0	0.0	
VMP-63-30	7/20/2021	13:18	-0.45	-0.51	0.0	0	1.4	19.1	0.0	0.0	0.0	0.0	
VMP-63-30	8/19/2021	08:33	-0.69	-0.60	0.0	0	1.9	18.9	0.0	0.0	0.0	0.0	
VMP-63-30	9/8/2021	12:47	-0.44	-0.49	0.0	0	2.1	18.7	0.0	0.0	0.0	0.0	
VMP-63-30	10/22/2021	09:13	-0.62	-0.61	0.0	0	2.2	19.3	0.0	0.0	0.0	0.0	
VMP-63-30	11/18/2021	09:48	-0.81	-0.70	0.0	0	2.0	19.6	0.0	0.0	0.0	0.0	
VMP-63-30	11/18/2021	09:48	NM	NM	0.0	0	2.0	19.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-63-30	12/16/2021	09:43	-1.31	-0.94	0.0	0	1.6	20.1	0.0	0.0	0.0	0.0	
VMP-64-5	1/19/2021	14:10	0.00	0.00	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-64-5	2/24/2021	08:15	-0.02	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-64-5	3/18/2021	08:25	0.00	0.00	0.0	0	0.1	20.4	0.0	0.0	0.0	0.0	
VMP-64-5	4/30/2021	08:50	-0.20	0.00	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-64-5	5/19/2021	13:24	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-64-5	6/17/2021	08:45	0.00	0.00	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-64-5	7/20/2021	13:05	0.00	0.00	0.0	0	1.3	18.4	0.0	0.0	0.0	0.0	
VMP-64-5	8/19/2021	08:15	0.00	0.00	0.0	0	1.9	19.4	0.0	0.0	0.0	0.0	
VMP-64-5	9/8/2021	12:34	0.00	0.00	0.0	0	2.0	18.1	0.0	0.0	0.0	0.0	
VMP-64-5	10/21/2021	14:20	0.00	0.00	0.0	0	1.5	19.6	0.0	0.0	0.0	0.0	
VMP-64-5	11/18/2021	09:25	-0.31	0.00	0.0	0	1.2	20.1	0.0	0.0	0.0	0.0	
VMP-64-5	12/16/2021	09:29	0.00	0.00	0.0	0	0.8	20.1	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-64-10	1/19/2021	14:11	0.28	-0.08	0.0	0	2.6	18.7	0.0	0.0	0.0	0.0	
VMP-64-10	2/24/2021	08:16	-0.14	-0.22	0.0	0	2.3	19.4	0.0	0.0	0.0	0.0	
VMP-64-10	3/18/2021	08:26	-0.33	-0.31	0.0	0	1.9	19.3	0.0	0.0	0.0	0.0	
VMP-64-10	4/30/2021	08:51	0.00	-0.14	0.0	0	1.9	19.3	0.0	0.0	0.0	0.0	
VMP-64-10	5/19/2021	13:26	0.00	0.00	0.0	0	2.0	18.9	0.0	0.0	0.0	0.0	
VMP-64-10	6/17/2021	08:46	-0.18	-0.11	0.0	0	2.2	18.2	0.0	0.0	0.0	0.0	
VMP-64-10	7/20/2021	13:06	0.00	0.00	0.0	0	2.6	16.8	0.0	0.0	0.0	0.0	
VMP-64-10	8/19/2021	08:16	-0.09	0.00	0.0	0	4.3	15.3	0.0	0.0	0.0	0.0	
VMP-64-10	8/19/2021	08:16	NM	NM	0.0	0	4.1	15.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-64-10	9/8/2021	12:35	0.00	0.00	0.0	0	4.8	15.2	0.0	0.0	0.0	0.0	
VMP-64-10	10/21/2021	12:41	0.00	0.00	0.0	0	4.9	16.4	0.0	0.0	0.0	0.0	
VMP-64-10	11/18/2021	09:26	-0.07	-0.04	0.0	0	3.9	17.6	0.0	0.0	0.0	0.0	
VMP-64-10	12/16/2021	09:30	0.00	-0.11	0.0	0	3.8	17.8	0.0	0.0	0.0	0.0	
VMP-64-20	1/19/2021	14:12	-0.14	-0.17	0.0	0	3.4	17.0	0.0	0.0	0.0	0.0	
VMP-64-20	2/24/2021	08:17	-0.17	-0.43	0.0	0	3.3	18.1	0.0	0.0	0.0	0.0	
VMP-64-20	3/18/2021	08:27	-0.42	-0.53	0.0	0	2.9	18.1	0.0	0.0	0.0	0.0	
VMP-64-20	4/30/2021	08:52	-0.23	-0.23	0.0	0	2.6	18.5	0.0	0.0	0.0	0.0	
VMP-64-20	5/19/2021	13:28	0.00	0.00	0.0	0	2.5	18.5	0.0	0.0	0.0	0.0	
VMP-64-20	6/17/2021	08:47	-0.27	-0.14	0.0	0	2.4	18.0	0.0	0.0	0.0	0.0	
VMP-64-20	7/20/2021	13:07	0.00	0.00	0.0	0	2.5	17.5	0.0	0.0	0.0	0.0	
VMP-64-20	8/19/2021	08:17	-0.18	0.00	0.0	0	3.4	16.1	0.0	0.0	0.0	0.0	
VMP-64-20	9/8/2021	12:36	0.00	0.00	0.0	0	3.6	15.8	0.0	0.0	0.0	0.0	
VMP-64-20	10/21/2021	14:22	0.00	0.00	0.0	0	4.4	15.9	0.0	0.0	0.0	0.0	
VMP-64-20	11/18/2021	09:27	-0.19	-0.11	0.0	0	4.8	16.1	0.0	0.0	0.0	0.0	
VMP-64-20	12/16/2021	09:31	-0.50	-0.25	0.0	0	4.6	16.8	0.0	0.0	0.0	0.0	
VMP-64-28	1/19/2021	14:13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	2/24/2021	08:18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	3/18/2021	08:28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	4/30/2021	08:53	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	5/19/2021	13:30	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	6/17/2021	09:48	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	7/20/2021	13:08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	8/19/2021	08:18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	9/8/2021	12:37	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	10/21/2021	14:23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	11/18/2021	09:28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	12/16/2021	09:32	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-65-10	1/19/2021	09:00	-0.39	0.00	0.0	0	3.6	14.9	0.1	0.0	0.0	0.0	
VMP-65-10	2/23/2021	09:38	-0.63	-0.63	0.0	0	4.3	14.1	0.0	0.0	0.0	0.0	
VMP-65-10	3/17/2021	09:05	-0.12	-0.13	0.0	0	3.0	15.9	0.0	0.0	0.0	0.0	
VMP-65-10	4/29/2021	11:20	-0.72	-0.86	0.0	0	3.5	15.1	0.0	0.0	0.0	0.0	
VMP-65-10	5/19/2021	09:08	-0.72	-0.61	0.0	0	2.6	17.1	0.0	0.0	0.0	0.0	
VMP-65-10	6/16/2021	09:20	0.00	-0.33	0.0	0	2.6	17.0	0.0	0.0	0.0	0.0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-65-10	7/20/2021	08:50	-0.95	0.00	0.0	0	4.8	13.5	0.0	0.0	0.0	0.0	
VMP-65-10	8/18/2021	08:40	0.00	0.00	0.0	0	5.1	13.7	0.0	0.0	0.0	0.0	
VMP-65-10	9/8/2021	08:52	-0.13	-0.32	0.0	0	5.4	13.5	0.0	0.0	0.0	0.0	
VMP-65-10	10/21/2021	08:35	-1.20	-0.48	0.0	0	5.5	13.6	0.0	0.0	0.0	0.0	
VMP-65-10	11/17/2021	11:24	0.00	-0.11	0.0	0	8.2	9.5	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-65-10	12/15/2021	09:15	-0.20	-0.20	0.0	0	4.1	15.3	0.0	0.0	0.0	0.0	
VMP-65-20	1/19/2021	09:01	-0.25	-0.52	0.0	0	9.7	7.3	0.5	2.0	1.0	1.0	
VMP-65-20	2/23/2021	09:40	-0.68	-0.63	0.0	0	10.0	5.6	0.0	0.0	0.0	0.0	
VMP-65-20	3/17/2021	09:07	0.16	-0.33	0.0	0	7.9	9.1	0.1	0.0	0.0	0.0	
VMP-65-20	4/29/2021	11:21	-0.72	-0.91	0.0	0	8.9	7.4	0.3	0.0	0.0	0.0	
VMP-65-20	5/19/2021	09:10	-0.82	-0.71	0.0	0	7.3	10.5	0.0	0.0	0.0	0.0	
VMP-65-20	6/16/2021	09:21	0.00	-0.24	0.0	0	5.3	13.8	0.0	0.0	0.0	0.0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-65-20	7/20/2021	08:51	-0.10	-0.37	0.0	0	10.9	6.6	0.0	0.0	0.0	0.0	
VMP-65-20	8/18/2021	08:41	-0.49	-0.38	0.0	0	10.2	8.1	0.0	0.0	0.0	0.0	
VMP-65-20	9/8/2021	08:53	-0.36	-0.31	0.0	0	11.4	6.2	0.0	0.0	0.0	0.0	
VMP-65-20	10/21/2021	08:36	-0.48	-0.52	0.0	0	11.8	6.9	0.0	0.0	0.0	0.0	
VMP-65-20	11/17/2021	11:25	-0.11	-0.36	0.0	0	11.3	7.3	0.0	0.0	0.0	0.0	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-65-20	12/15/2021	09:16	-0.22	-0.21	0.0	0	9.8	8.9	0.0	0.0	0.0	0.0	
VMP-65-30	1/19/2021	09:02	-0.28	-0.52	0.3	7	20.7	2.7	50.1	2240	1810	430	
VMP-65-30	2/23/2021	09:42	-0.52	-0.67	0.6	12	13.8	0.5	67.4	3220	2610	610	
VMP-65-30	3/17/2021	09:07	0.15	-0.11	0.3	6	13.5	1.6	40.2	1390	1090	300	
VMP-65-30	4/29/2021	11:22	-0.94	-0.95	0.5	11	13.6	1.8	77.1	1810	1160	650	
VMP-65-30	5/19/2021	09:12	-0.76	-0.61	0.0	0	14.0	1.5	0.8	29.0	23.0	6.0	
VMP-65-30	6/16/2021	09:22	0.00	-0.26	0.0	0	13.9	1.8	0.5	64.0	53.0	11.0	SVE system off-line from 0754 to 0936 due to power outage.
VMP-65-30	7/20/2021	08:52	-0.46	-0.40	0.0	0	15.5	0.8	4.5	173	151	22.0	
VMP-65-30	7/20/2021	08:52	NM	NM	0.0	0	15.6	0.6	4.7	164	145	19.0	Duplicate sample.
VMP-65-30	8/18/2021	08:42	-0.51	-0.39	0.0	0	15.4	1.2	9.7	221	187	34.0	
VMP-65-30	9/8/2021	08:54	-0.42	-0.32	0.2	4	15.2	1.9	17.0	1290	1150	140	
VMP-65-30	10/21/2021	08:37	-0.49	-0.59	0.2	5	15.9	1.9	26.3	1950	1720	230	
VMP-65-30	11/17/2021	11:26	-0.11	-0.36	0.2	5	16.6	0.8	25.6	2270	1930	340	SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-65-30	11/17/2021	11:26	NM	NM	0.2	5	16.4	1.2	25.1	2250	1890	360	Duplicate sample. SVE System shutdown from 11/11/2021 to 1035 on 11/17/2021.
VMP-65-30	12/15/2021	09:17	-0.25	-0.20	0.1	2	16.8	0.8	3.8	517	42.0	475	

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 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Benzene			1,3-Butadiene			Butane			Dichloromethane (Methylene chloride)			Ethanol			Ethylbenzene		
			Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-HEADER-SVE-010521	1/5/2021	22			< 8.7	U		1400			5.2	J		24	J		< 17	U	
SVE Public Works Header	PW-HEADER-SVE-020421	2/4/2021	30			< 1.4	U		1300			< 8.8	U		< 4.7	U		2.9		
SVE Public Works Header	PW-HEADER-SVE-030421	3/4/2021	30			< 1.4	U		740			< 8.8	U		< 4.7	U		3		
SVE Public Works Header	PW-HEADER-SVE-040121	4/1/2021	23			< 1	U		350			< 6.4	U		< 3.5	U		2.9		
SVE Public Works Header	PW-HEADER-SVE-050321	5/3/2021	29			< 1.2	U		340			< 7.4	U		< 4	U		5.4		
SVE Public Works Header	PW-HEADER-SVE-060121	6/1/2021	15			< 0.48	U		130			< 3	U		< 1.6	U		1.6		
SVE Public Works Header	PW-HEADER-SVE-070121	7/1/2021	14			< 0.58	U		170			< 3.6	U		< 2	U		2.7		
SVE Public Works Header	PW-HEADER-SVE-080421	8/4/2021	15			< 0.56	U		170			< 3.5	U		< 1.9	U		2.3		
SVE Public Works Header	PW-HEADER-SVE-090221	9/2/2021	13			< 0.37	U		110			< 2.3	U		< 1.3	U		2.4		
SVE Public Works Header	PW-HEADER-SVE-100621	10/6/2021	14			< 0.22	U		120			< 1.4	U		< 0.76	U		2.8		
SVE Public Works Header	PW-HEADER-SVE-110221	11/2/2021	13			< 0.22	U		130			< 1.4	U		< 0.74	U		2.5		
SVE Public Works Header	PW-HEADER-SVE-120121	12/1/2021	20			< 0.54	U		190			< 3.4	U		< 2.3	U		4.4		
SVE Refinery Header	WFL-HEADER-SVE-010521	1/5/2021	14			< 2.6	U		480			5	J		22			2.2	J	
SVE Refinery Header	WFL-HEADER-SVE-020421	2/4/2021	22			< 1.4	U		730			< 8.8	U		< 4.7	U		5.4		
SVE Refinery Header	WFL-HEADER-SVE-030421	3/4/2021	19			< 1.3	U		600			< 8.5	U		< 4.6	U		3.9		
SVE Refinery Header	WFL-HEADER-SVE-040121	4/1/2021	22			< 1	U		510			< 6.5	U		< 3.5	U		3.1		
SVE Refinery Header	WFL-HEADER-SVE-050321	5/3/2021	21			< 1.2	U		580			< 7.4	U		< 4	U		2.8		
SVE Refinery Header	WFL-HEADER-SVE-060121	6/1/2021	17			< 0.49	U		450			< 3.1	U		< 1.7	U		1.4		
SVE Refinery Header	WFL-HEADER-SVE-070121	7/1/2021	16			< 0.57	U		690			< 3.6	U		< 1.9	U		1.4		
SVE Refinery Header	WFL-HEADER-SVE-080421	8/4/2021	15			< 0.54	U		680			< 3.4	U		< 1.8	U		1.2		
SVE Refinery Header	WFL-HEADER-SVE-090221	9/2/2021	11			< 0.36	U		530			< 2.3	U		< 1.2	U		0.9		
SVE Refinery Header	WFL-HEADER-SVE-100621	10/6/2021	8.8			< 0.28	U		500			< 1.8	U		< 0.96	U		0.74		
SVE Refinery Header	WFL-HEADER-SVE-110221	11/2/2021	11			< 0.53	U		540			< 3.3	U		< 1.8	U		0.94	J	
SVE Refinery Header	WFL-HEADER-SVE-120121	12/1/2021	14			< 0.52	U		750			< 3.3	U		< 2.2	U		0.71	J	
SVE RTO Exhaust	EXH-SVE-010521	1/5/2021	0.17			< 0.031	U		5.2			< 0.49	U		< 0.26	U		0.023	J	
SVE RTO Exhaust	EXH-SVE-020421	2/4/2021	0.14			< 0.03	U		4.2			< 0.48	U		0.13	J		0.031	J	
SVE RTO Exhaust	EXH-SVE-030421	3/4/2021	0.18			< 0.031	U		4.7			< 0.2	U		0.25			0.028	J	
SVE RTO Exhaust	EXH-SVE-040121	4/1/2021	0.11			< 0.015	U		2.8			< 0.24	U		< 0.13	U		0.018	J	
SVE RTO Exhaust	EXH-SVE-050321	5/3/2021	0.12			< 0.02	U		1.9			< 0.31	U		0.074	J		0.024	J	
SVE RTO Exhaust	EXH-SVE-060121	6/1/2021	0.095			< 0.018	U		1.9			< 0.28	U		< 0.15	U		0.014	J	
SVE RTO Exhaust	EXH-SVE-070121	7/1/2021	0.27			< 0.035	U		2			< 0.54	U		0.097	J		< 0.068	U	
SVE RTO Exhaust	EXH-SVE-080421	8/4/2021	0.059			< 0.013	U		1.8			< 0.2	U		0.1	J		0.0077	J	
SVE RTO Exhaust	EXH-SVE-090221	9/2/2021	0.054			< 0.026	U		1.8			< 0.42	U		0.1	J		< 0.052	U	
SVE RTO Exhaust	EXH-SVE-100621	10/6/2021	0.061			< 0.01	U		1.6			< 0.16	U		0.064	J		0.019	J	
SVE RTO Exhaust	EXH-SVE-110221	11/2/2021	0.023			0.0041	J		1			< 0.079	U		0.061			< 0.0098	U	
SVE RTO Exhaust	EXH-SVE-120121	12/1/2021	0.071			< 0.012	U		2.6			< 0.19	U		0.097	J		0.017	J	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	4-Ethyltoluene			Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane		
			Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	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-010521	1/5/2021	< 19	U		24			< 170	U		240			< 65	U		2300		
SVE Public Works Header	PW-HEADER-SVE-020421	2/4/2021	1.1	J		39			< 27	U		360			< 10	U		2900		
SVE Public Works Header	PW-HEADER-SVE-030421	3/4/2021	0.6	J		35			< 27	U		290			< 10	U		1900		
SVE Public Works Header	PW-HEADER-SVE-040121	4/1/2021	0.62	J		27			< 20	U		210			< 7.5	U		1200		
SVE Public Works Header	PW-HEADER-SVE-050321	5/3/2021	1.6	J		39			< 23	U		310			< 8.7	U		1400		
SVE Public Works Header	PW-HEADER-SVE-060121	6/1/2021	0.32	J		17			< 9.3	U		130			< 3.6	U		560		
SVE Public Works Header	PW-HEADER-SVE-070121	7/1/2021	0.69	J		21			< 11	U		150			< 4.3	U		600		
SVE Public Works Header	PW-HEADER-SVE-080421	8/4/2021	0.5	J		22			< 11	U		160			< 4.1	U		610		
SVE Public Works Header	PW-HEADER-SVE-090221	9/2/2021	0.56	J		17			< 7.2	U		110			< 2.8	U		400		
SVE Public Works Header	PW-HEADER-SVE-100621	10/6/2021	0.64			22			< 4.3	U		150			< 1.7	U		440		
SVE Public Works Header	PW-HEADER-SVE-110221	11/2/2021	0.56			21			< 4.2	U		140			< 1.6	U		450		
SVE Public Works Header	PW-HEADER-SVE-120121	12/1/2021	0.98	J		32			< 10	U	UJ	200			< 4	U		750		
SVE Refinery Header	WFL-HEADER-SVE-010521	1/5/2021	< 5.8	U		20			< 50	U		140			< 19	U		630		
SVE Refinery Header	WFL-HEADER-SVE-020421	2/4/2021	1.6	J		32			< 27	U		240			< 10	U		1200		
SVE Refinery Header	WFL-HEADER-SVE-030421	3/4/2021	0.5	J		27			< 26	U		190			< 10	U		920		
SVE Refinery Header	WFL-HEADER-SVE-040121	4/1/2021	0.46	J		28			< 20	U		190			< 7.7	U		870		
SVE Refinery Header	WFL-HEADER-SVE-050321	5/3/2021	0.49	J		30			< 23	U		220			< 8.7	U		1100		
SVE Refinery Header	WFL-HEADER-SVE-060121	6/1/2021	0.31	J		21			< 9.5	U		150			< 3.6	U		760		
SVE Refinery Header	WFL-HEADER-SVE-070121	7/1/2021	0.32	J		21			< 11	U		170			< 4.2	U		910		
SVE Refinery Header	WFL-HEADER-SVE-080421	8/4/2021	0.3	J		18			< 10	U		150			< 4	U		930		
SVE Refinery Header	WFL-HEADER-SVE-090221	9/2/2021	0.29	J		14			< 7	U		100			< 2.7	U		680		
SVE Refinery Header	WFL-HEADER-SVE-100621	10/6/2021	0.16	J		15			< 5.4	U		110			< 2.1	U		690		
SVE Refinery Header	WFL-HEADER-SVE-110221	11/2/2021	0.31	J		15			< 10	U		100			< 3.9	U		650		
SVE Refinery Header	WFL-HEADER-SVE-120121	12/1/2021	0.22	J		16			< 10	U	UJ	140			< 3.9	U		1000		
SVE RTO Exhaust	EXH-SVE-010521	1/5/2021	0.016	J		0.18			< 0.6	U		1.3			0.017	J		9.6		
SVE RTO Exhaust	EXH-SVE-020421	2/4/2021	0.017	J		0.2			< 0.58	U		1.4			0.023	J		8.1		
SVE RTO Exhaust	EXH-SVE-030421	3/4/2021	0.014	J		0.27			< 0.6	U		1.6			0.075	J		8.6		
SVE RTO Exhaust	EXH-SVE-040121	4/1/2021	0.011	J		0.21			< 0.29	U		1.2			0.0074	J		5.2		
SVE RTO Exhaust	EXH-SVE-050321	5/3/2021	< 0.044	U		0.16			< 0.39	U		0.96			0.074	J		4.6		
SVE RTO Exhaust	EXH-SVE-060121	6/1/2021	< 0.039	U		0.1			< 0.34	U		0.59			< 0.13	U		3.8		
SVE RTO Exhaust	EXH-SVE-070121	7/1/2021	< 0.077	U		0.22			< 0.67	U		0.97			0.073	J		4.5		
SVE RTO Exhaust	EXH-SVE-080421	8/4/2021	0.0060	J		0.13			< 0.24	U		0.82			0.1			3.7		
SVE RTO Exhaust	EXH-SVE-090221	9/2/2021	< 0.059	U		0.1			< 0.51	U		0.59			< 0.2	U		4.2		
SVE RTO Exhaust	EXH-SVE-100621	10/6/2021	0.015	J		0.11			< 0.19	U		0.8			0.083			3.6		
SVE RTO Exhaust	EXH-SVE-110221	11/2/2021	< 0.011	U		0.032			< 0.097	U		0.34			< 0.037	U		1.7		
SVE RTO Exhaust	EXH-SVE-120121	12/1/2021	< 0.027	U		0.15			< 0.23	U		1			0.062	J		5		

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	2-Propanol			Tetrachloroethene			1,2,4-Trichlorobenzene			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-010521	1/5/2021	23	J		< 27	U		< 120	U		< 21	U		< 19	U		< 19	U	
SVE Public Works Header	PW-HEADER-SVE-020421	2/4/2021	< 6.2	U		< 4.3	U		< 19	U		< 3.4	U		0.79	J		0.53	J	
SVE Public Works Header	PW-HEADER-SVE-030421	3/4/2021	< 6.2	U		0.96	J		< 19	U		< 3.4	U		< 3.1	U		< 3.1	U	
SVE Public Works Header	PW-HEADER-SVE-040121	4/1/2021	< 4.5	U		< 3.1	U		< 14	UJ		< 2.5	U		0.32	J		0.27	J	
SVE Public Works Header	PW-HEADER-SVE-050321	5/3/2021	< 5.2	U		< 3.6	U		< 16	U		< 2.8	U		1.4	J		0.87	J	
SVE Public Works Header	PW-HEADER-SVE-060121	6/1/2021	< 2.1	U		< 1.5	U		< 6.5	U		< 1.2	U		0.16	J		0.14	J	
SVE Public Works Header	PW-HEADER-SVE-070121	7/1/2021	< 2.6	U		< 1.8	U		< 7.8	U		< 1.4	U		0.62	J		0.38	J	
SVE Public Works Header	PW-HEADER-SVE-080421	8/4/2021	< 2.5	U		< 1.7	U		< 7.5	U		< 1.4	U		0.28	J		0.19	J	
SVE Public Works Header	PW-HEADER-SVE-090221	9/2/2021	< 1.6	U		< 1.1	U		< 5	UJ	UJ	< 0.9	U		0.28	J		0.18	J	
SVE Public Works Header	PW-HEADER-SVE-100621	10/6/2021	< 1	U		< 0.69	U		< 3	U		< 0.54	U		0.39	J		0.23	J	
SVE Public Works Header	PW-HEADER-SVE-110221	11/2/2021	0.48	J		< 0.66	U		< 2.9	U		< 0.53	U		0.29	J		0.22	J	
SVE Public Works Header	PW-HEADER-SVE-120121	12/1/2021	< 3	U		< 1.6	U		< 7.2	U	UJ	< 1.3	U		0.54	J		0.31	J	
SVE Refinery Header	WFL-HEADER-SVE-010521	1/5/2021	19			< 8	U		< 35	U		< 6.3	U		< 5.8	U		< 5.8	U	
SVE Refinery Header	WFL-HEADER-SVE-020421	2/4/2021	< 6.2	U		< 4.3	U		< 19	U		1.7	J		1.6	J		1	J	
SVE Refinery Header	WFL-HEADER-SVE-030421	3/4/2021	< 6	U		< 4.1	U		< 18	U		< 3.3	U		0.6	J		0.32	J	
SVE Refinery Header	WFL-HEADER-SVE-040121	4/1/2021	< 4.6	U		< 3.2	U		< 14	UJ		< 2.5	U		0.73	J		0.39	J	
SVE Refinery Header	WFL-HEADER-SVE-050321	5/3/2021	< 5.2	U		< 3.6	U		< 16	U		< 2.8	U		0.64	J		0.36	J	
SVE Refinery Header	WFL-HEADER-SVE-060121	6/1/2021	< 2.2	U		< 1.5	U		< 6.6	U		< 1.2	U		0.43	J		0.21	J	
SVE Refinery Header	WFL-HEADER-SVE-070121	7/1/2021	< 2.5	U		< 1.7	U		< 7.6	U		< 1.4	U		0.67	J		0.37	J	
SVE Refinery Header	WFL-HEADER-SVE-080421	8/4/2021	< 2.4	U		< 1.6	U		< 7.2	U		< 1.3	U		0.6	J		0.31	J	
SVE Refinery Header	WFL-HEADER-SVE-090221	9/2/2021	< 1.6	U		< 1.1	U		< 4.9	UJ	UJ	< 0.89	U		0.46	J		0.19	J	
SVE Refinery Header	WFL-HEADER-SVE-100621	10/6/2021	< 1.2	U		< 0.86	U		< 3.8	U		< 0.68	U		0.15	J		0.1	J	
SVE Refinery Header	WFL-HEADER-SVE-110221	11/2/2021	0.77	J		< 1.6	U		< 7.1	U		< 1.3	U		0.29	J		0.14	J	
SVE Refinery Header	WFL-HEADER-SVE-120121	12/1/2021	< 2.9	U		< 1.6	U		< 7	U	UJ	< 1.3	U		0.26	J		0.17	J	
SVE RTO Exhaust	EXH-SVE-010521	1/5/2021	0.028	J		< 0.095	U		< 0.42	U		< 0.075	U		0.021	J		< 0.069	U	
SVE RTO Exhaust	EXH-SVE-020421	2/4/2021	< 0.13	U		< 0.093	U		< 0.41	U		< 0.074	U		0.035	J		< 0.067	U	
SVE RTO Exhaust	EXH-SVE-030421	3/4/2021	0.16			< 0.096	U		< 0.42	U		< 0.076	U		0.02	J		0.0097	J	
SVE RTO Exhaust	EXH-SVE-040121	4/1/2021	0.057	J		< 0.046	U		< 0.2	U		< 0.036	U		0.013	J		< 0.033	U	
SVE RTO Exhaust	EXH-SVE-050321	5/3/2021	0.065	J		< 0.061	U		< 0.27	U		< 0.049	U		0.017	J		0.0091	J	
SVE RTO Exhaust	EXH-SVE-060121	6/1/2021	0.02	J		< 0.054	U		< 0.24	U		< 0.043	U		0.01	J		0.0056	J	
SVE RTO Exhaust	EXH-SVE-070121	7/1/2021	0.096	J		< 0.11	U		< 0.46	U		< 0.084	U		0.014	J		< 0.077	U	
SVE RTO Exhaust	EXH-SVE-080421	8/4/2021	0.057			0.049			< 0.17	U		< 0.031	U		0.012	J		< 0.028	U	
SVE RTO Exhaust	EXH-SVE-090221	9/2/2021	0.043	J		< 0.081	U		< 0.35	U		< 0.064	U		0.0090	J		< 0.059	U	
SVE RTO Exhaust	EXH-SVE-100621	10/6/2021	0.054			< 0.031	U		< 0.14	U		< 0.024	U		0.015	J		< 0.022	U	
SVE RTO Exhaust	EXH-SVE-110221	11/2/2021	0.064			< 0.015	U		< 0.067	U		< 0.012	U		< 0.011	U		< 0.011	U	
SVE RTO Exhaust	EXH-SVE-120121	12/1/2021	0.076			< 0.037	U		< 0.16	U		< 0.03	U		< 0.027	U		< 0.027	U	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	2,2,4-Trimethylpentane			m,p-Xylene			o-Xylene			TPH (C2-C10)			Butane			Isopentane		
			Result (mg/m ³)	Lab Quals	AECOM Quals	Result (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	Result (%)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-HEADER-SVE-010521	1/5/2021	200			4.8	J		< 17	U		17000			0.079			0.095		
SVE Public Works Header	PW-HEADER-SVE-020421	2/4/2021	290			7.4			1.9	J		16000			0.057			0.086		
SVE Public Works Header	PW-HEADER-SVE-030421	3/4/2021	220			6.8			1.5	J		14000			0.041			0.071		
SVE Public Works Header	PW-HEADER-SVE-040121	4/1/2021	180			6.4			1.7	J		8900			0.019			0.045		
SVE Public Works Header	PW-HEADER-SVE-050321	5/3/2021	270			13			3.8			9600			0.015			0.038		
SVE Public Works Header	PW-HEADER-SVE-060121	6/1/2021	120			3.2			0.8	J		5800			0.0086			0.024		
SVE Public Works Header	PW-HEADER-SVE-070121	7/1/2021	140			6.6			1.8			5700			0.0075			0.022		
SVE Public Works Header	PW-HEADER-SVE-080421	8/4/2021	130			5.7			1.4			5500			0.0070			0.021		
SVE Public Works Header	PW-HEADER-SVE-090221	9/2/2021	99			5.8			1.4			4700			0.0053			0.017		
SVE Public Works Header	PW-HEADER-SVE-100621	10/6/2021	130			6.9			1.6			5300			0.0062			0.018		
SVE Public Works Header	PW-HEADER-SVE-110221	11/2/2021	120			6.4			1.6			4800			0.0066			0.018		
SVE Public Works Header	PW-HEADER-SVE-120121	12/1/2021	170			9.8			2.3			6300		J	0.0099			0.029		
SVE Refinery Header	WFL-HEADER-SVE-010521	1/5/2021	280			2.4	J		< 5.1	U		7600			0.025			0.026		
SVE Refinery Header	WFL-HEADER-SVE-020421	2/4/2021	470			6.7			1	J		11000			0.033			0.036		
SVE Refinery Header	WFL-HEADER-SVE-030421	3/4/2021	400			3.8			< 2.6	U		9800			0.031			0.0014	J	
SVE Refinery Header	WFL-HEADER-SVE-040121	4/1/2021	380			4.5			0.41	J		8500			0.027			0.031		
SVE Refinery Header	WFL-HEADER-SVE-050321	5/3/2021	420			3.5			< 2.3	U		8000			0.026			0.031		
SVE Refinery Header	WFL-HEADER-SVE-060121	6/1/2021	300			1.7			< 0.96	U		8700			0.027			0.032		
SVE Refinery Header	WFL-HEADER-SVE-070121	7/1/2021	330			1.7			< 1.1	U		9600			0.031			0.034		
SVE Refinery Header	WFL-HEADER-SVE-080421	8/4/2021	330			1.5			0.25	J		9200			0.031			0.035		
SVE Refinery Header	WFL-HEADER-SVE-090221	9/2/2021	260			1.2			0.16	J		7700			0.025			0.027		
SVE Refinery Header	WFL-HEADER-SVE-100621	10/6/2021	310			0.99			0.14	J		7500			0.026			0.027		
SVE Refinery Header	WFL-HEADER-SVE-110221	11/2/2021	270			1.7			0.37	J		7000			0.026			0.026		
SVE Refinery Header	WFL-HEADER-SVE-120121	12/1/2021	350			1.5			0.18	J		9300			0.040			0.041		
SVE RTO Exhaust	EXH-SVE-010521	1/5/2021	1.9			0.053	J		0.016	J		77			0.00027	J		0.00031	J	
SVE RTO Exhaust	EXH-SVE-020421	2/4/2021	2.2			0.038	J		0.0070	J		81			0.00020	J		0.00026	J	
SVE RTO Exhaust	EXH-SVE-030421	3/4/2021	2.3			0.039	J		< 0.062	U		120			0.00022	J		0.00029	J	
SVE RTO Exhaust	EXH-SVE-040121	4/1/2021	1.7			0.029	J		< 0.03	U		75			0.00015	J		0.00021	J	
SVE RTO Exhaust	EXH-SVE-050321	5/3/2021	1.4			0.051			0.014	J		55			0.00011	J		0.00016	J	
SVE RTO Exhaust	EXH-SVE-060121	6/1/2021	0.99			0.031	J		0.01	J		36			0.000082	J		0.00014	J	
SVE RTO Exhaust	EXH-SVE-070121	7/1/2021	1.3			0.043	J		< 0.068	U		74			0.000093	J		0.00014	J	
SVE RTO Exhaust	EXH-SVE-080421	8/4/2021	1.3			0.016	J		< 0.025	U		62			0.000084	J		0.00012	J	
SVE RTO Exhaust	EXH-SVE-090221	9/2/2021	1.1			0.01	J		< 0.052	U		48			0.000076	J		0.00011	J	
SVE RTO Exhaust	EXH-SVE-100621	10/6/2021	1.2			0.054			0.018	J		44			0.000078	J		0.00011	J	
SVE RTO Exhaust	EXH-SVE-110221	11/2/2021	0.5			< 0.0098	U		< 0.0098	U		22			< 0.0037	U		< 0.0037	U	
SVE RTO Exhaust	EXH-SVE-120121	12/1/2021	1.6			0.052			0.015	J		54			0.00011	J		0.00016	J	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	C6+			Carbon Dioxide			Ethane			Isobutane			Methane			Neopentane		
			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-010521	1/5/2021	0.095			2.3			< 0.0024	U		0.0087			0.73			0.00071	J	
SVE Public Works Header	PW-HEADER-SVE-020421	2/4/2021	0.10			2.5			< 0.0025	U		0.0060			0.96			0.00051	J	
SVE Public Works Header	PW-HEADER-SVE-030421	3/4/2021	0.097			2.4			< 0.0025	U		0.0041			0.88			0.00022	J	
SVE Public Works Header	PW-HEADER-SVE-040121	4/1/2021	0.074			2.1			< 0.0018	U		0.0017	J		0.66			0.00012	J	
SVE Public Works Header	PW-HEADER-SVE-050321	5/3/2021	0.069			2.0			< 0.0021	U		0.0013	J		0.82			0.00014	J	
SVE Public Works Header	PW-HEADER-SVE-060121	6/1/2021	0.049			1.9			< 0.0022	U		0.00070	J		0.51			< 0.0022	U	
SVE Public Works Header	PW-HEADER-SVE-070121	7/1/2021	0.047			2.0			< 0.0021	U		0.00070	J		0.58			< 0.0021	U	
SVE Public Works Header	PW-HEADER-SVE-080421	8/4/2021	0.047			2.3			< 0.0020	U		0.0010	J		0.66			< 0.0020	U	
SVE Public Works Header	PW-HEADER-SVE-090221	9/2/2021	0.040			2.2			< 0.0020	U		0.00066	J		0.53			< 0.0020	U	
SVE Public Works Header	PW-HEADER-SVE-100621	10/6/2021	0.042			2.2			< 0.0020	U		0.00066	J		0.52			< 0.0020	U	
SVE Public Works Header	PW-HEADER-SVE-110221	11/2/2021	0.054			2.0			< 0.0020	U		0.00068	J		0.52			0.00016	J	
SVE Public Works Header	PW-HEADER-SVE-120121	12/1/2021	0.060			2.3			< 0.0019	U		0.0010	J		0.71			0.000073	J	
SVE Refinery Header	WFL-HEADER-SVE-010521	1/5/2021	0.067			3.1			0.00014	J		0.0024			0.96			< 0.0024	U	
SVE Refinery Header	WFL-HEADER-SVE-020421	2/4/2021	0.088			3.4			0.00020	J		0.0032			1.2			< 0.0025	U	
SVE Refinery Header	WFL-HEADER-SVE-030421	3/4/2021	0.087			3.2			0.00016	J		0.0030			1.2			0.00015	J	
SVE Refinery Header	WFL-HEADER-SVE-040121	4/1/2021	0.068			3.0			0.00018	J		0.0026			1.0			0.00013	J	
SVE Refinery Header	WFL-HEADER-SVE-050321	5/3/2021	0.080			2.7			0.00016	J		0.0026			1.0			< 0.0021	U	
SVE Refinery Header	WFL-HEADER-SVE-060121	6/1/2021	0.067			3.5			0.00014	J		0.0027			1.1			0.00014	J	
SVE Refinery Header	WFL-HEADER-SVE-070121	7/1/2021	0.069			3.4			0.00017	J		0.0030			1.1			0.00014	J	
SVE Refinery Header	WFL-HEADER-SVE-080421	8/4/2021	0.071			3.6			0.00016	J		0.0030			1.2			0.00015	J	
SVE Refinery Header	WFL-HEADER-SVE-090221	9/2/2021	0.056			3.7			0.00015	J		0.0024			0.93			0.00012	J	
SVE Refinery Header	WFL-HEADER-SVE-100621	10/6/2021	0.061			3.8			0.00014	J		0.0025			0.88			0.00012	J	
SVE Refinery Header	WFL-HEADER-SVE-110221	11/2/2021	0.048			3.6			0.00014	J		0.0025			0.89			< 0.0019	U	
SVE Refinery Header	WFL-HEADER-SVE-120121	12/1/2021	0.082			4.1			0.00023	J		0.0039			1.5			0.00019	J	
SVE RTO Exhaust	EXH-SVE-010521	1/5/2021	0.013	J		1.2			< 0.0028	U		< 0.0028	U		0.0049			< 0.0028	U	
SVE RTO Exhaust	EXH-SVE-020421	2/4/2021	0.00045	J		1.3			< 0.0027	U		< 0.0027	U		0.0059			< 0.0027	U	
SVE RTO Exhaust	EXH-SVE-030421	3/4/2021	0.00094	J		1.4			< 0.0028	U		< 0.0028	U		0.0071			< 0.0028	U	
SVE RTO Exhaust	EXH-SVE-040121	4/1/2021	0.00054	J		1.2			< 0.0020	U		< 0.0020	U		0.0055			< 0.0020	U	
SVE RTO Exhaust	EXH-SVE-050321	5/3/2021	0.00040	J		0.95			< 0.0023	U		< 0.0023	U		0.0046			< 0.0023	U	
SVE RTO Exhaust	EXH-SVE-060121	6/1/2021	0.00021	J		0.81			< 0.0024	U		< 0.0024	U		0.0040			< 0.0024	U	
SVE RTO Exhaust	EXH-SVE-070121	7/1/2021	0.00061	J		0.85			< 0.0023	U		< 0.0023	U		0.0042			< 0.0023	U	
SVE RTO Exhaust	EXH-SVE-080421	8/4/2021	0.00039	J		0.89			< 0.0023	U		< 0.0023	U		0.0041			< 0.0023	U	
SVE RTO Exhaust	EXH-SVE-090221	9/2/2021	0.00024	J		0.75			< 0.0024	U		< 0.0024	U		0.0036			< 0.0024	U	
SVE RTO Exhaust	EXH-SVE-100621	10/6/2021	0.00020	J		0.80			< 0.0023	U		< 0.0023	U		0.0035			< 0.0023	U	
SVE RTO Exhaust	EXH-SVE-110221	11/2/2021	< 0.037	U		0.72			< 0.0037	U		< 0.0037	U		0.0019			< 0.0037	U	
SVE RTO Exhaust	EXH-SVE-120121	12/1/2021	0.00030	J		0.95			< 0.0022	U		< 0.0022	U		0.0050			< 0.0022	U	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Nitrogen			Oxygen			Pentane			Propane		
			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-010521	1/5/2021	78			19			0.054			0.00039	J	
SVE Public Works Header	PW-HEADER-SVE-020421	2/4/2021	78			18			0.051			0.00026	J	
SVE Public Works Header	PW-HEADER-SVE-030421	3/4/2021	78			18			0.044			0.00018	J	
SVE Public Works Header	PW-HEADER-SVE-040121	4/1/2021	79			18			0.028			< 0.0018	U	
SVE Public Works Header	PW-HEADER-SVE-050321	5/3/2021	79			18			0.025			< 0.0021	U	
SVE Public Works Header	PW-HEADER-SVE-060121	6/1/2021	78			19			0.016			< 0.0022	U	
SVE Public Works Header	PW-HEADER-SVE-070121	7/1/2021	80			17			0.014			< 0.0021	U	
SVE Public Works Header	PW-HEADER-SVE-080421	8/4/2021	79			18			0.014			< 0.0020	U	
SVE Public Works Header	PW-HEADER-SVE-090221	9/2/2021	79			18			0.011			< 0.0020	U	
SVE Public Works Header	PW-HEADER-SVE-100621	10/6/2021	79			18			0.012			0.00010	J	
SVE Public Works Header	PW-HEADER-SVE-110221	11/2/2021	79			18			0.012			0.00013	J	
SVE Public Works Header	PW-HEADER-SVE-120121	12/1/2021	79			18			0.020			0.00016	J	
SVE Refinery Header	WFL-HEADER-SVE-010521	1/5/2021	78			18			0.012			0.00013	J	
SVE Refinery Header	WFL-HEADER-SVE-020421	2/4/2021	77			18			0.017			0.00019	J	
SVE Refinery Header	WFL-HEADER-SVE-030421	3/4/2021	77			18			0.016			0.00016	J	
SVE Refinery Header	WFL-HEADER-SVE-040121	4/1/2021	79			17			0.015			0.00014	J	
SVE Refinery Header	WFL-HEADER-SVE-050321	5/3/2021	79			17			0.015			0.00016	J	
SVE Refinery Header	WFL-HEADER-SVE-060121	6/1/2021	78			17			0.015			0.00017	J	
SVE Refinery Header	WFL-HEADER-SVE-070121	7/1/2021	79			16			0.016			0.00019	J	
SVE Refinery Header	WFL-HEADER-SVE-080421	8/4/2021	79			16			0.016			0.00017	J	
SVE Refinery Header	WFL-HEADER-SVE-090221	9/2/2021	79			16			0.012			0.00013	J	
SVE Refinery Header	WFL-HEADER-SVE-100621	10/6/2021	79			16			0.012			0.00014	J	
SVE Refinery Header	WFL-HEADER-SVE-110221	11/2/2021	79			16			0.011			0.00014	J	
SVE Refinery Header	WFL-HEADER-SVE-120121	12/1/2021	79			15			0.018			0.00023	J	
SVE RTO Exhaust	EXH-SVE-010521	1/5/2021	79			20			0.00018	J		< 0.0028	U	
SVE RTO Exhaust	EXH-SVE-020421	2/4/2021	79			20			0.00015	J		< 0.0027	U	
SVE RTO Exhaust	EXH-SVE-030421	3/4/2021	78			20			0.00016	J		< 0.0028	U	
SVE RTO Exhaust	EXH-SVE-040121	4/1/2021	80			19			0.00012	J		< 0.0020	U	
SVE RTO Exhaust	EXH-SVE-050321	5/3/2021	80			19			0.000090	J		< 0.0023	U	
SVE RTO Exhaust	EXH-SVE-060121	6/1/2021	79			20			0.000080	J		< 0.0024	U	
SVE RTO Exhaust	EXH-SVE-070121	7/1/2021	81			18			0.000081	J		< 0.0023	U	
SVE RTO Exhaust	EXH-SVE-080421	8/4/2021	80			19			0.000062	J		< 0.0023	U	
SVE RTO Exhaust	EXH-SVE-090221	9/2/2021	79			20			0.000063	J		< 0.0024	U	
SVE RTO Exhaust	EXH-SVE-100621	10/6/2021	79			20			0.000068	J		< 0.0023	U	
SVE RTO Exhaust	EXH-SVE-110221	11/2/2021	79			20			< 0.0037	U		< 0.0037	U	
SVE RTO Exhaust	EXH-SVE-120121	12/1/2021	80			19			0.000087	J		< 0.0022	U	

Notes:

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

Bold results are detections above the RL, or estimated detections between the MDL and RL.

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**:

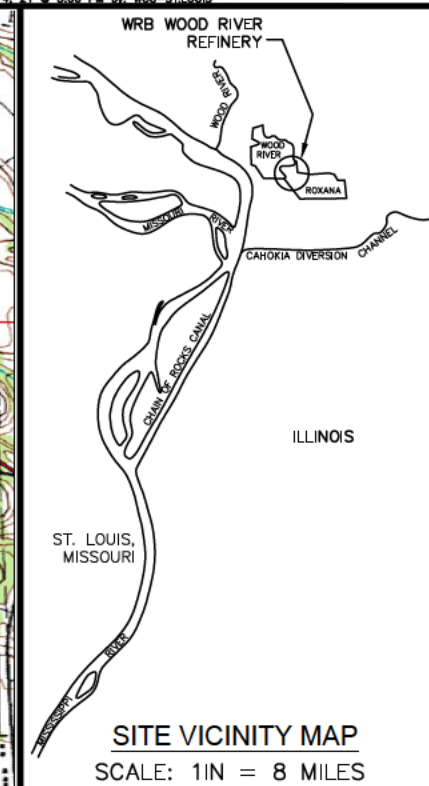
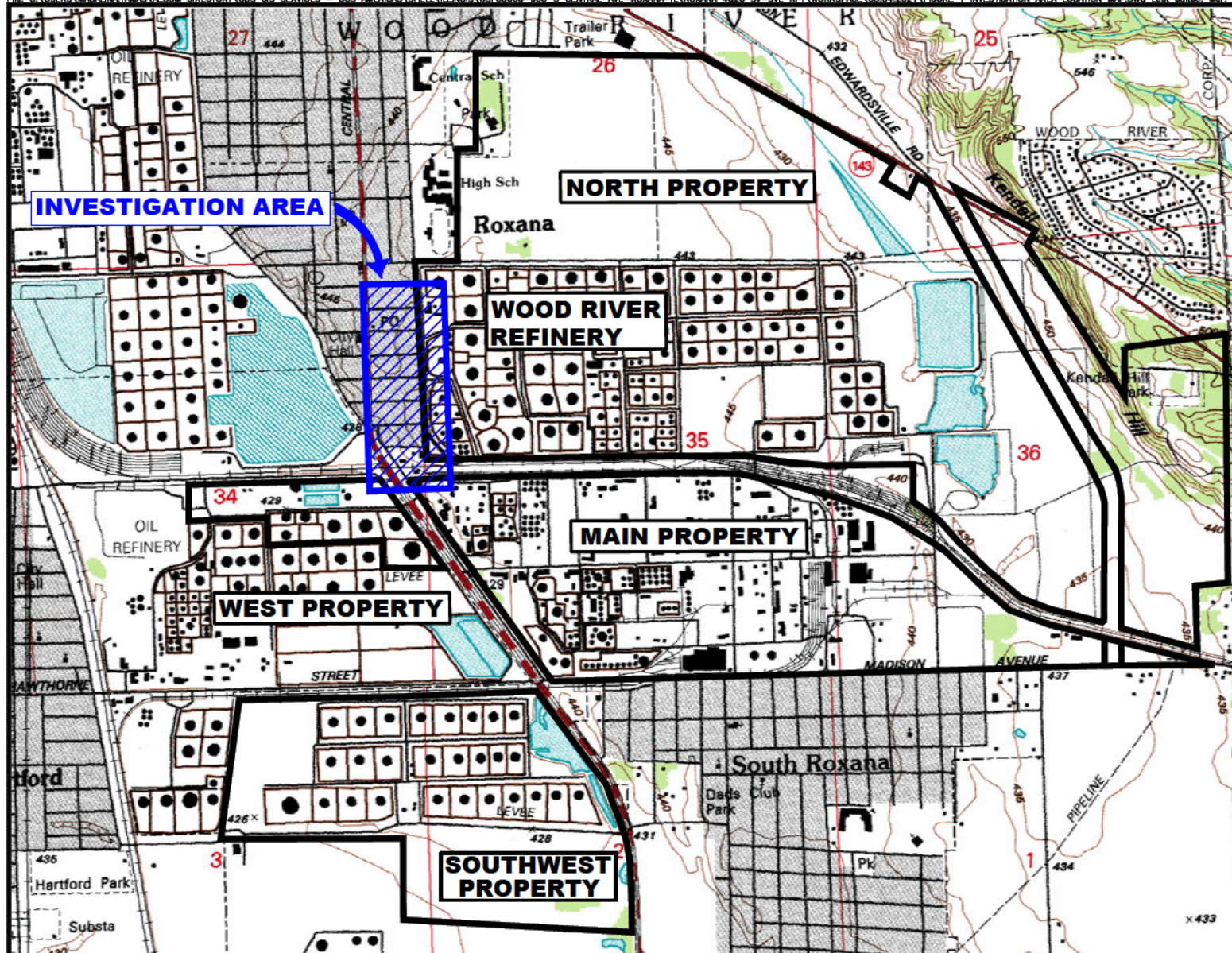
Plan View Model Output – The data input for the plan view model was not limited by depth and was modeled in three dimensions (3D). The bottom surface of the resulting model was limited to the potentiometric groundwater surface elevation. The two dimensional (2D) appearance of the figures created from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

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

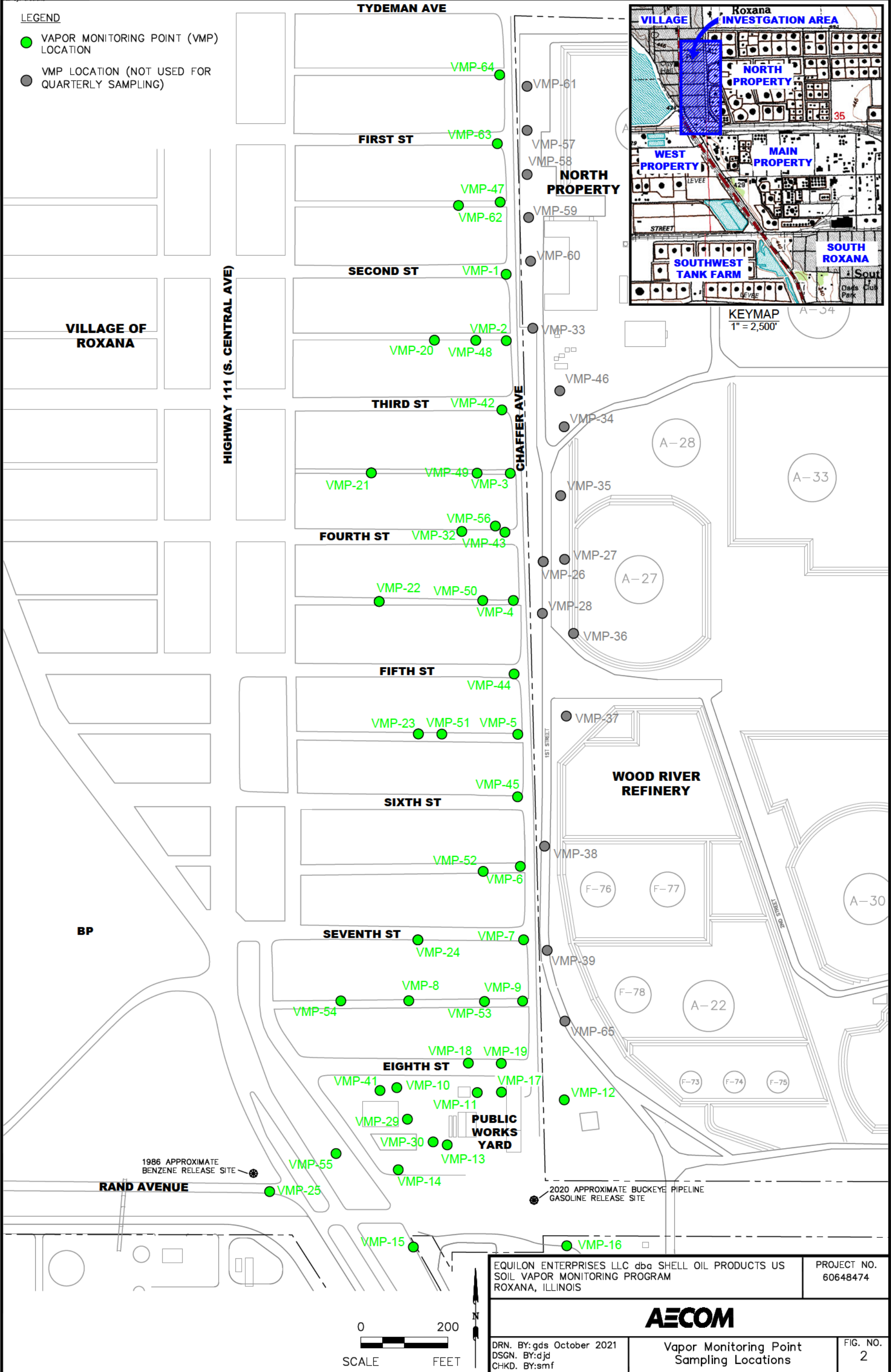
PROJECT NO.
60648474



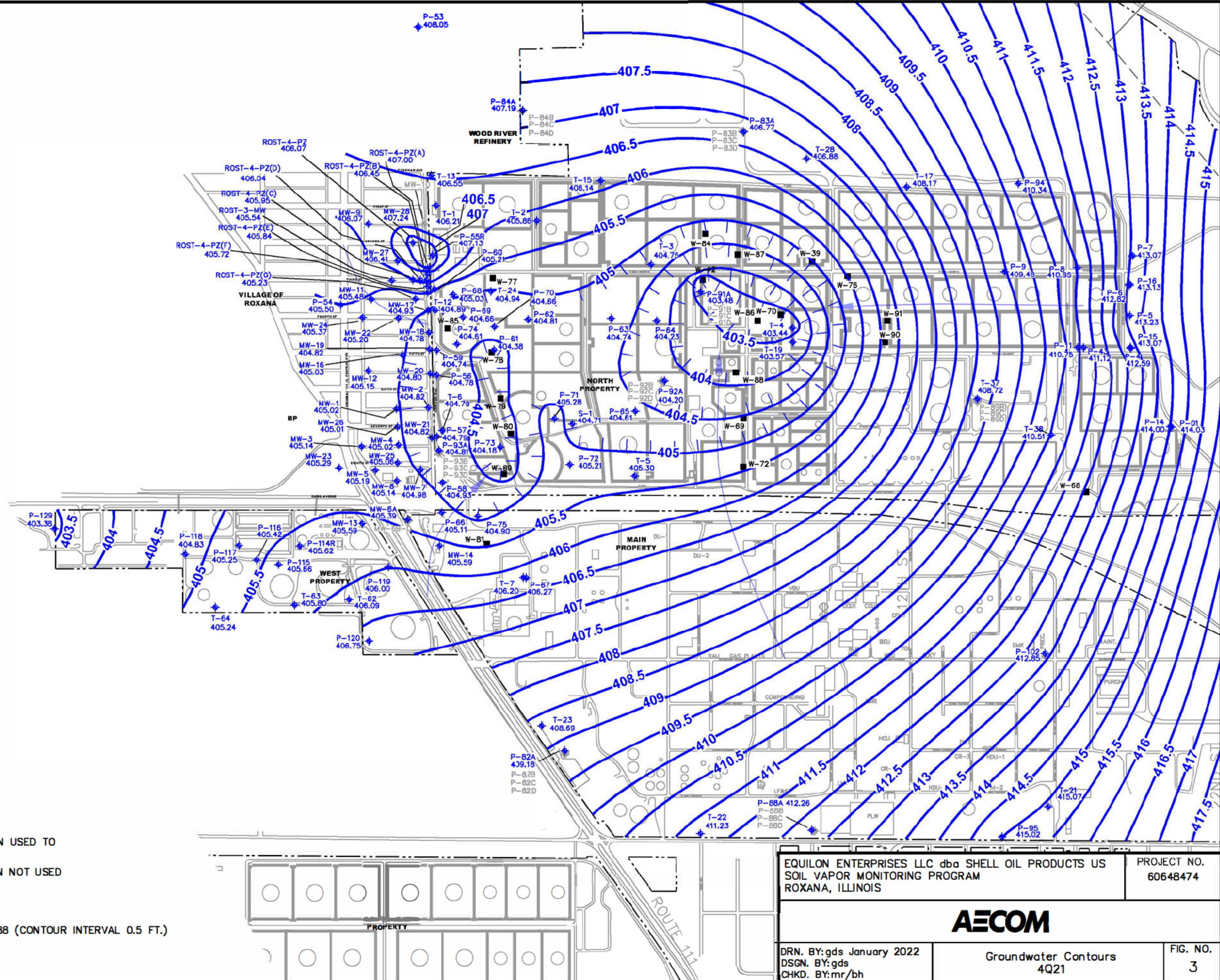
DRN. BY: gds October 2021
DSGN. BY: djd
CHKD. BY: smf

Investigation Area
Location Map

FIG. NO.
1



- 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 OCTOBER 4-6, 2021.



LEGEND

- GROUNDWATER MONITORING WELL LOCATION USED TO GENERATE GROUNDWATER CONTOURS
- GROUNDWATER MONITORING WELL LOCATION NOT USED TO GENERATE GROUNDWATER CONTOURS
- WRR GROUNDWATER PRODUCTION WELL
- 407- GROUNDWATER SURFACE CONTOUR NAVD 88 (CONTOUR INTERVAL 0.5 FT.)
- GROUNDWATER GRADIENT

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DRN. BY:gds January 2022 DSGN. BY:gds CHKD. BY:mr/bh	Groundwater Contours 4Q21	FIG. NO. 3
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LEGEND

- GROUNDWATER MONITORING WELL LOCATION USED TO GENERATE GROUNDWATER CONTOURS
- GROUNDWATER MONITORING WELL LOCATION NOT USED TO GENERATE GROUNDWATER CONTOURS

WRR GROUNDWATER PRODUCTION WELL

VAPOR MONITORING POINT (VMP) LOCATION (ELEVATION OF TOP OF THE DEEPEST VAPOR MONITORING POINT SCREEN)

VAPOR LOCATION (NOT USED FOR QUARTERLY SAMPLING)

407 GROUNDWATER SURFACE CONTOUR (CONTOUR INTERVAL 0.5 FT)

GROUNDWATER GRADIENT

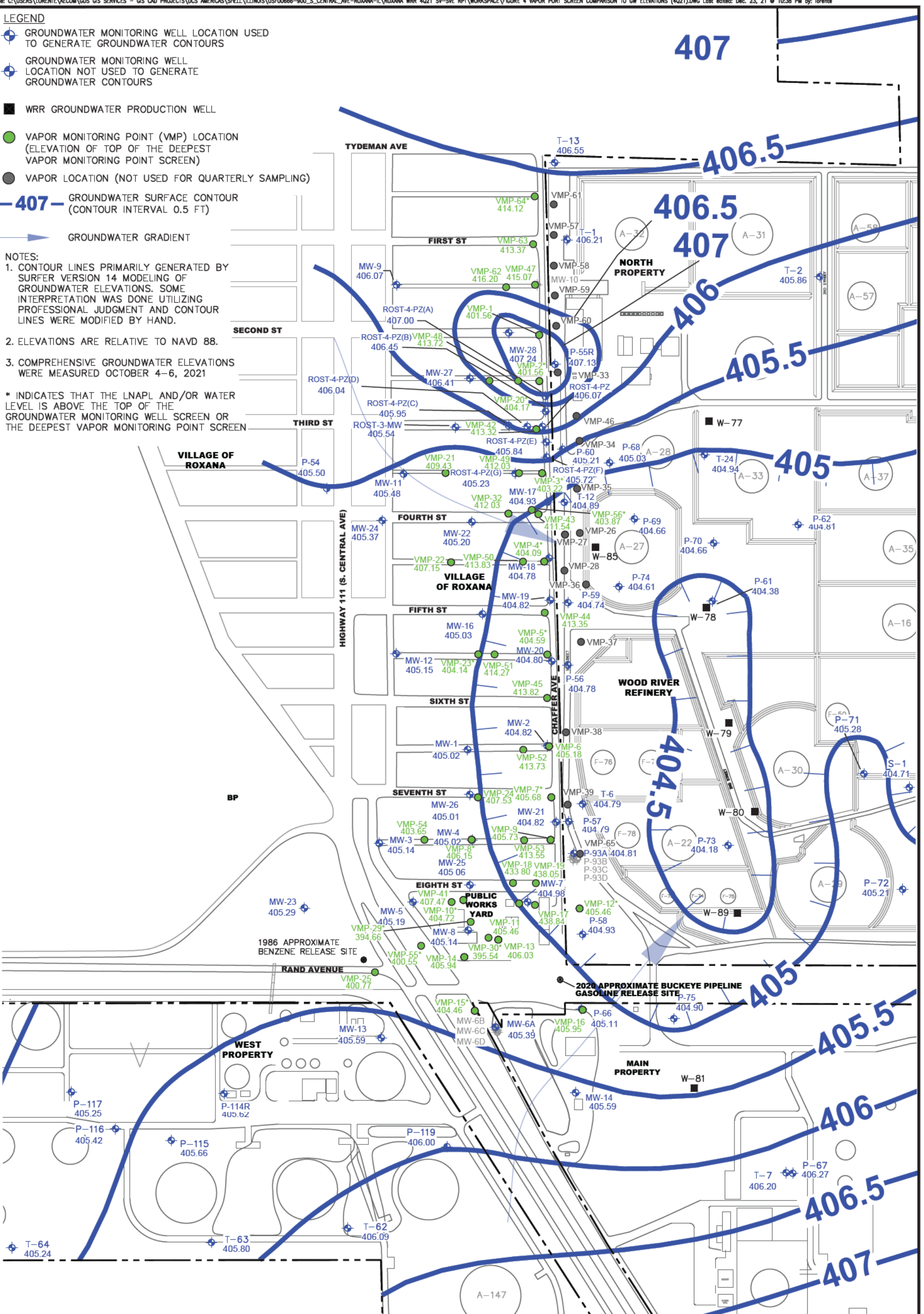
NOTES:

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 OCTOBER 4-6, 2021

* INDICATES THAT THE LNAPL AND/OR WATER LEVEL IS ABOVE THE TOP OF THE GROUNDWATER MONITORING WELL SCREEN OR THE DEEPEST VAPOR MONITORING POINT SCREEN

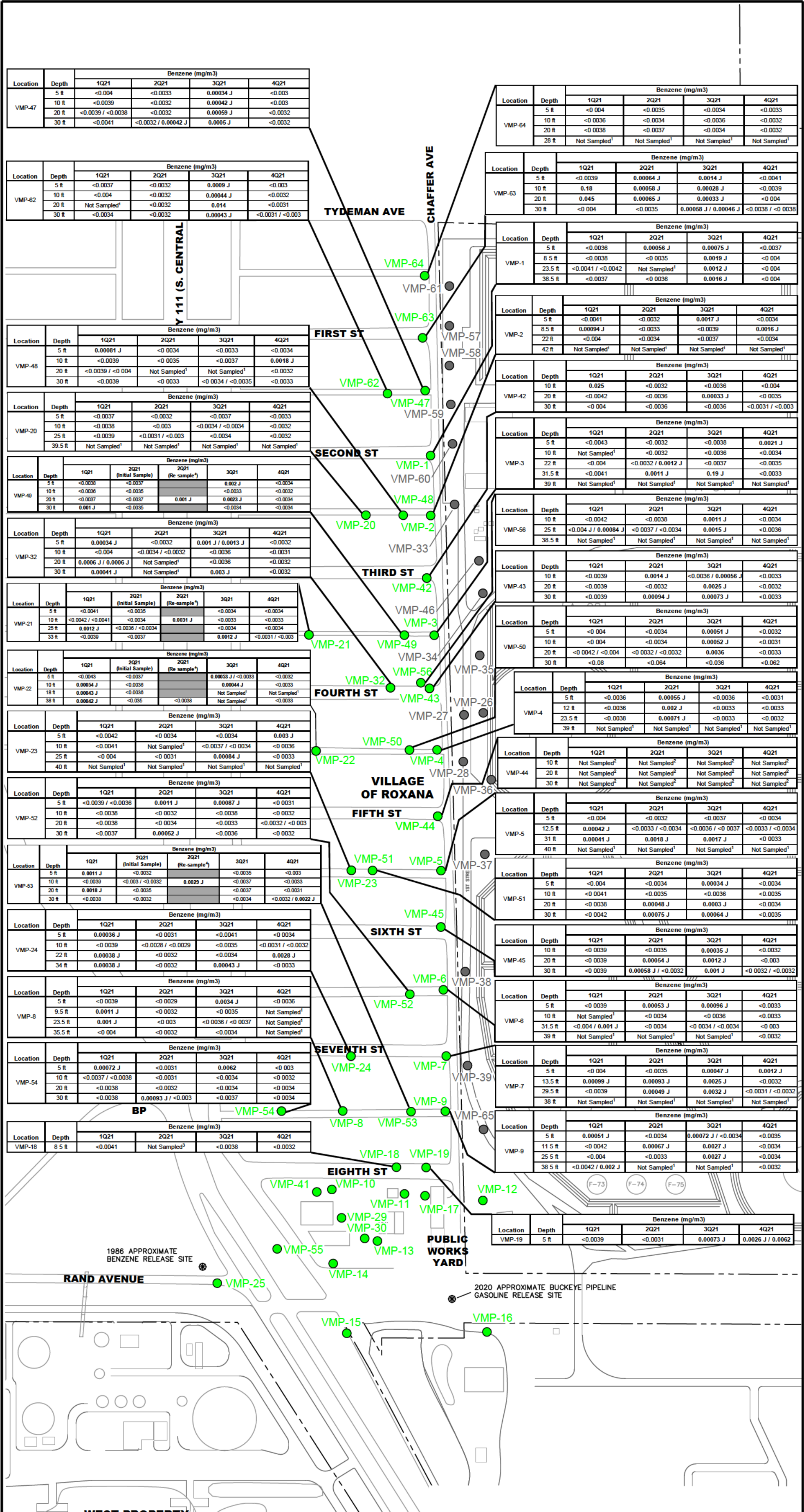


EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 60648474
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AECOM

DRN. BY:gds January 2022 DSGN. BY:gds CHKD. BY:mr/bh	4Q21 Vapor Port Screen Comparison to Groundwater Elevation	FIG. NO. 4
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NOTES:

- Not Sampled¹ = VMP SCREEN SUBMERGED BELOW WATER TABLE OR A TEMPORARY WATER CONDITION. NO SAMPLE COLLECTED.
- Not Sampled² = NOT SAMPLED DUE TO PORT INTEGRITY
- Not Sampled³ = UNABLE TO ACCESS DUE TO VEHICLE PARKED ON WELL VAULT.
- RESAMPLED⁴ = VMP RESAMPLED DUE TO ANOMALOUS RESULTS IN THE INITIAL SAMPLE.
- J = RESULT IS ESTIMATED
< = NOT DETECTED AT INDICATED REPORTING LIMIT. DETECTED RESULTS AND ESTIMATED RESULTS ARE BOLD.
- MULTIPLE RESULTS (e.g., 440/410) INDICATE DUPLICATE SAMPLES.

LEGEND

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

0 200
SCALE FEET

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 60648474
DRN. BY: gds January 2022 DSGN. BY: djd CHKD. BY: smf	4Q21 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 = NOT SAMPLED 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
CENTRAL AVE

CHAFFER AVE

Location	Depth	Benzene (mg/m ³)			
		1Q21	2Q21	3Q21	4Q21
VMP-11	5 ft	<0.0033	<0.0032	<0.0032 / <0.0032	<0.0031
	8 ft	<0.0037	<0.0032	0.00073 J	<0.0033
	29 ft	<0.0037	<0.0032	<0.0033	<0.0033 / <0.0032
	38 ft	Not Sampled ¹	Not Sampled ¹	<0.0034	<0.0032

Location	Depth	Benzene (mg/m ³)			
		1Q21	2Q21	3Q21	4Q21
VMP-10	5 ft	<0.0039	<0.0034	<0.0033	<0.0034
	10 ft	<0.0038	<0.0034	<0.0034	<0.0032
	20 ft	<0.0039	<0.0036	<0.0033	<0.0033 / <0.0034
	30 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹

Location	Depth	Benzene (mg/m ³)			
		1Q21	2Q21	3Q21	4Q21
VMP-41	10 ft	<0.0037	<0.0034	<0.0034 / <0.0033	<0.0038
	20 ft	0.00047 J	<0.003	<0.0034	<0.0034
	26 ft	<0.0038	<0.0034	<0.0032	<0.0035

Location	Depth	Benzene (mg/m ³)			
		1Q21	2Q21	3Q21	4Q21
VMP-29	10 ft	0.00055 J	0.01	<0.0032	<0.0033
	18 ft	0.00086 J	0.0043	0.051	0.0022 J
	26 ft	0.00028 J	0.00088 J / 0.0012 J	0.0094	0.0011 J
	40 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹

Location	Depth	Benzene (mg/m ³)			
		1Q21	2Q21	3Q21	4Q21
VMP-30	10 ft	0.00046 J / <0.0035	0.002 J	0.0026 J	<0.0032
	18 ft	0.0012 J	0.0028 J	0.013 J / 0.014	0.0043
	26 ft	0.0016 J	0.035 / 0.034	0.037	0.011
	40 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹

Location	Depth	Benzene (mg/m ³)			
		1Q21	2Q21	3Q21	4Q21
VMP-25	5 ft	<0.0038 / <0.0039	Not Sampled ¹	Not Sampled ¹	0.0014 J / <0.0033
	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

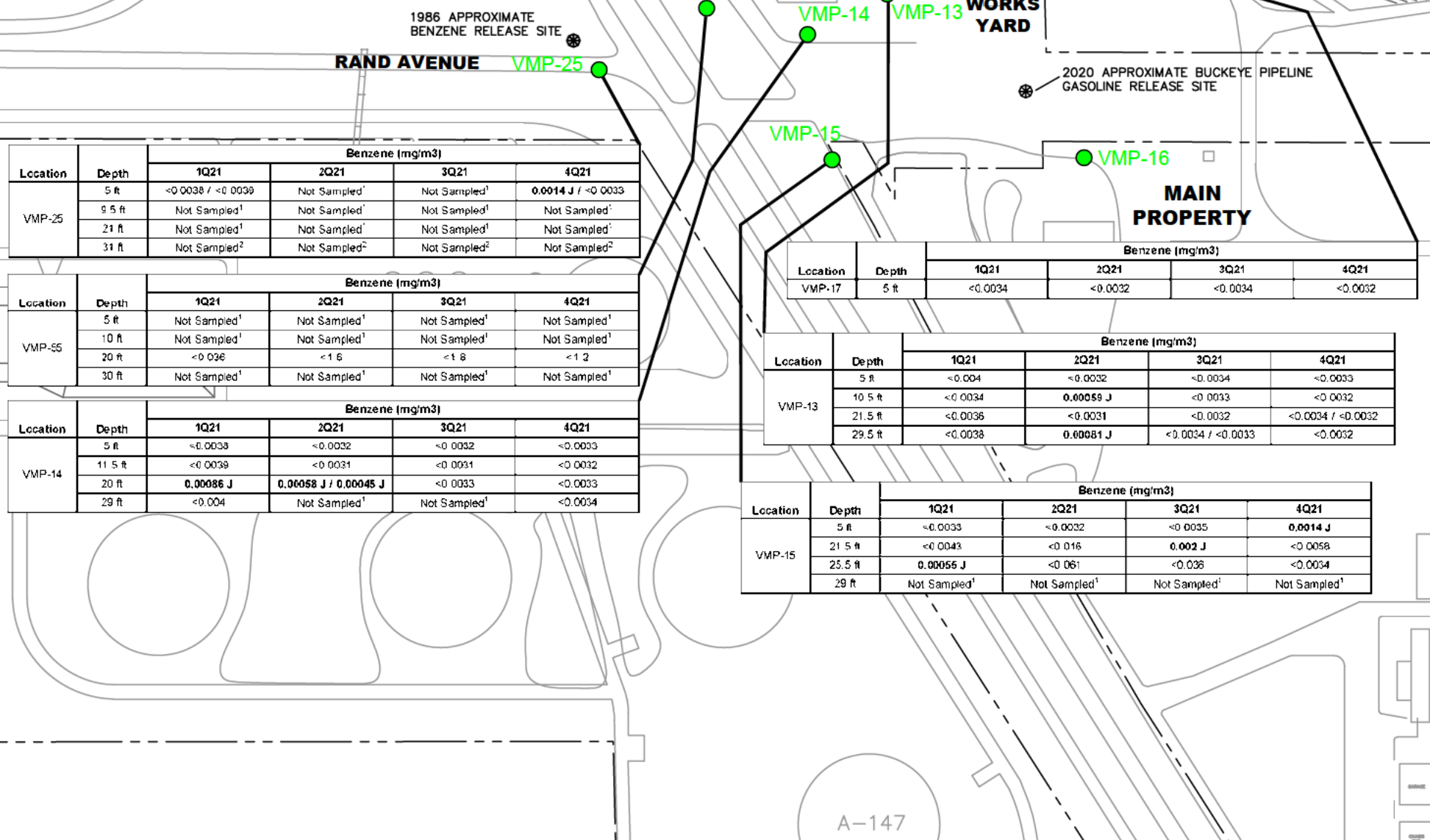
Location	Depth	Benzene (mg/m ³)			
		1Q21	2Q21	3Q21	4Q21
VMP-55	5 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹
	10 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹
	20 ft	<0.0036	<1.6	<1.8	<1.2
	30 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹

Location	Depth	Benzene (mg/m ³)			
		1Q21	2Q21	3Q21	4Q21
VMP-14	5 ft	<0.0033	<0.0032	<0.0032	<0.0033
	11.5 ft	<0.0039	<0.0031	<0.0031	<0.0032
	20 ft	0.00086 J	0.00058 J / 0.00045 J	<0.0033	<0.0033
	29 ft	<0.004	Not Sampled ¹	Not Sampled ¹	<0.0034

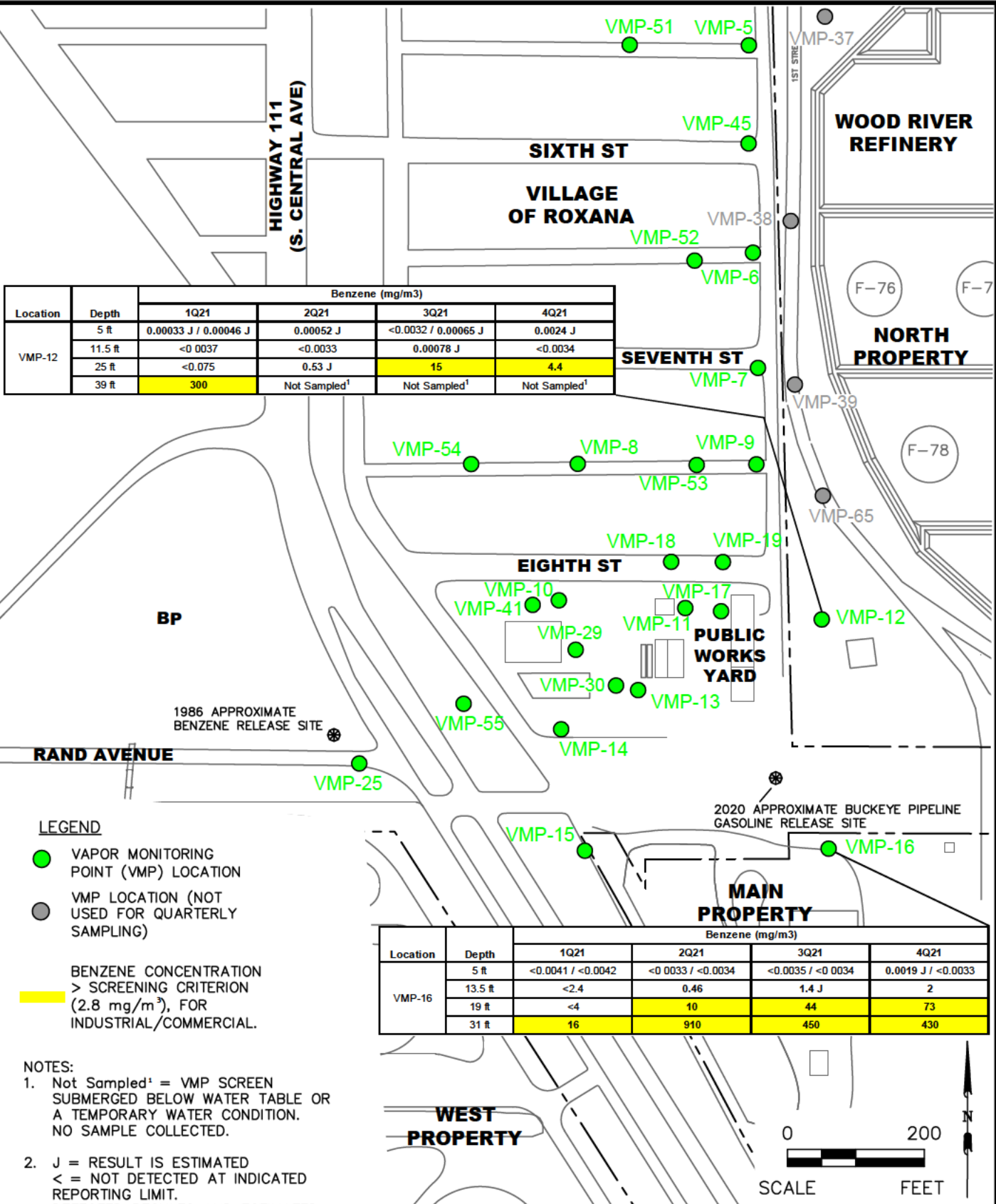
Location	Depth	Benzene (mg/m ³)			
		1Q21	2Q21	3Q21	4Q21
VMP-17	5 ft	<0.0034	<0.0032	<0.0034	<0.0032

Location	Depth	Benzene (mg/m ³)			
		1Q21	2Q21	3Q21	4Q21
VMP-13	5 ft	<0.004	<0.0032	<0.0034	<0.0033
	10.5 ft	<0.0034	0.00059 J	<0.0033	<0.0032
	21.5 ft	<0.0036	<0.0031	<0.0032	<0.0034 / <0.0032
	29.5 ft	<0.0038	0.00081 J	<0.0034 / <0.0033	<0.0032

Location	Depth	Benzene (mg/m ³)			
		1Q21	2Q21	3Q21	4Q21
VMP-15	5 ft	<0.0033	<0.0032	<0.0035	0.0014 J
	21.5 ft	<0.0043	<0.016	0.002 J	<0.0058
	25.5 ft	0.00055 J	<0.061	<0.036	<0.0034
	29 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹



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AECOM		
DRN. BY: gds January 2022 DSGN. BY: djd CHKD. BY: smf	4Q21 Summary of Benzene Soil Vapor Analytical Results- Roxana Public Works Yard Area	FIG. NO. 6



Location	Depth	Benzene (mg/m ³)			
		1Q21	2Q21	3Q21	4Q21
VMP-12	5 ft	0.00033 J / 0.00046 J	0.00052 J	<0.0032 / 0.00065 J	0.0024 J
	11.5 ft	<0.0037	<0.0033	0.00078 J	<0.0034
	25 ft	<0.075	0.53 J	15	4.4
	39 ft	300	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹

Location	Depth	Benzene (mg/m ³)			
		1Q21	2Q21	3Q21	4Q21
VMP-16	5 ft	<0.0041 / <0.0042	<0.0033 / <0.0034	<0.0035 / <0.0034	0.0019 J / <0.0033
	13.5 ft	<2.4	0.46	1.4 J	2
	19 ft	<4	10	44	73
	31 ft	16	910	450	430

LEGEND

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

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

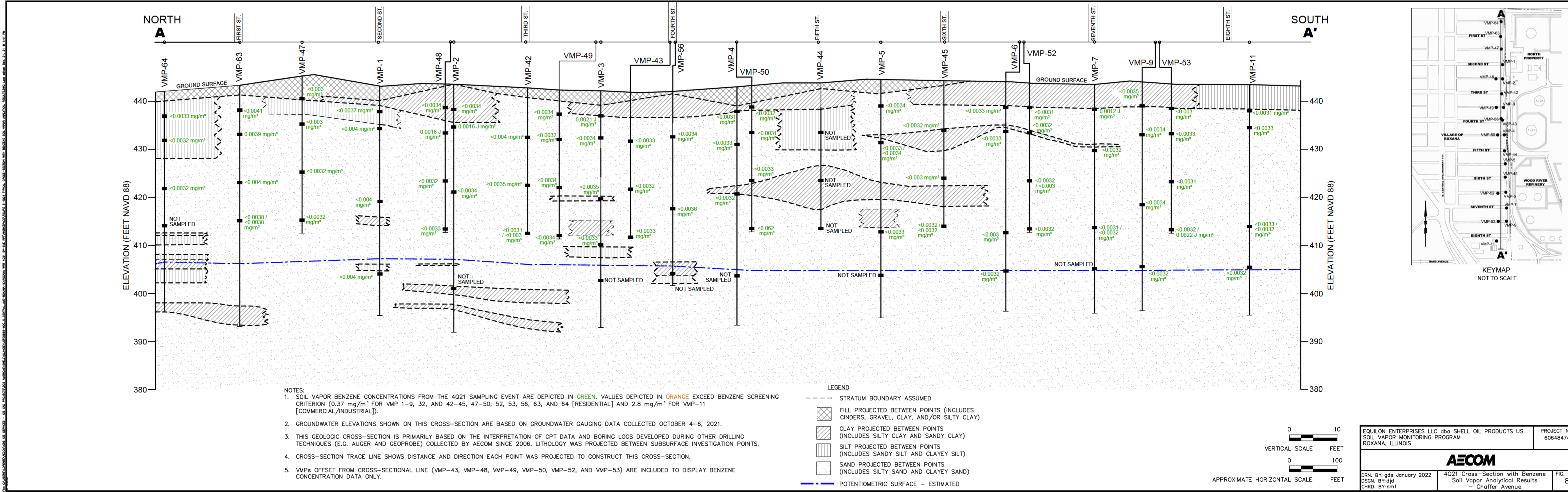
NOTES:

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. 60648474
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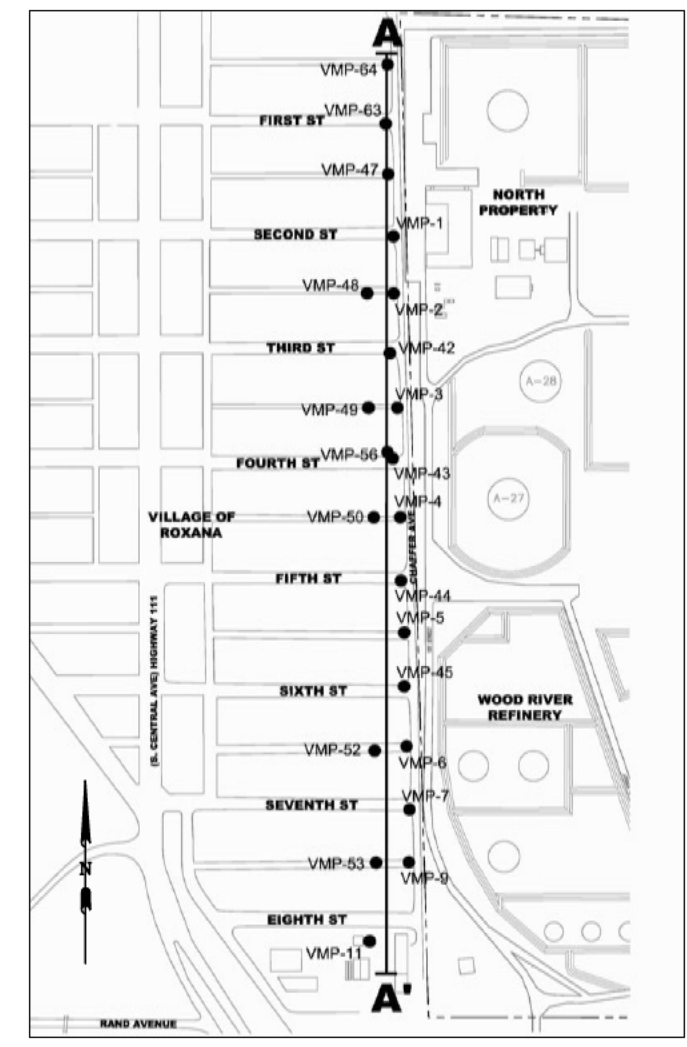
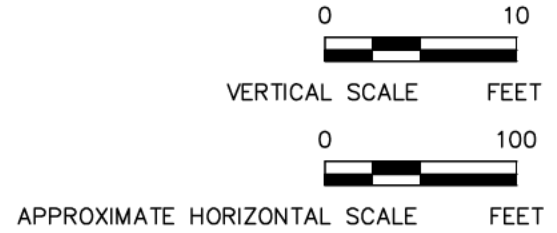


DRN. BY: gds January 2022 DSGN. BY: djd CHKD. BY: smf	4Q21 Summary of Benzene Soil Vapor Analytical Results – WRR	FIG. NO. 7
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- NOTES:**
- SOIL VAPOR BENZENE CONCENTRATIONS FROM THE 4Q21 SAMPLING EVENT ARE DEPICTED IN GREEN. VALUES DEPICTED IN ORANGE EXCEED BENZENE SCREENING CRITERION (0.37 mg/m³ FOR VMP 1-9, 32, AND 42-45, 47-50, 52, 53, 56, 63, AND 64 [RESIDENTIAL] AND 2.8 mg/m³ FOR VMP-11 [COMMERCIAL/INDUSTRIAL]).
 - GROUNDWATER ELEVATIONS SHOWN ON THIS CROSS-SECTION ARE BASED ON GROUNDWATER GAUGING DATA COLLECTED OCTOBER 4-6, 2021.
 - 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 hatching] CLAY PROJECTED BETWEEN POINTS (INCLUDES SILTY CLAY AND SANDY CLAY)
 - [Horizontal hatching] SILT PROJECTED BETWEEN POINTS (INCLUDES SANDY SILT AND CLAYEY SILT)
 - [Dotted pattern] SAND PROJECTED BETWEEN POINTS (INCLUDES SILTY SAND AND CLAYEY SAND)
 - POTENTIOMETRIC SURFACE - ESTIMATED



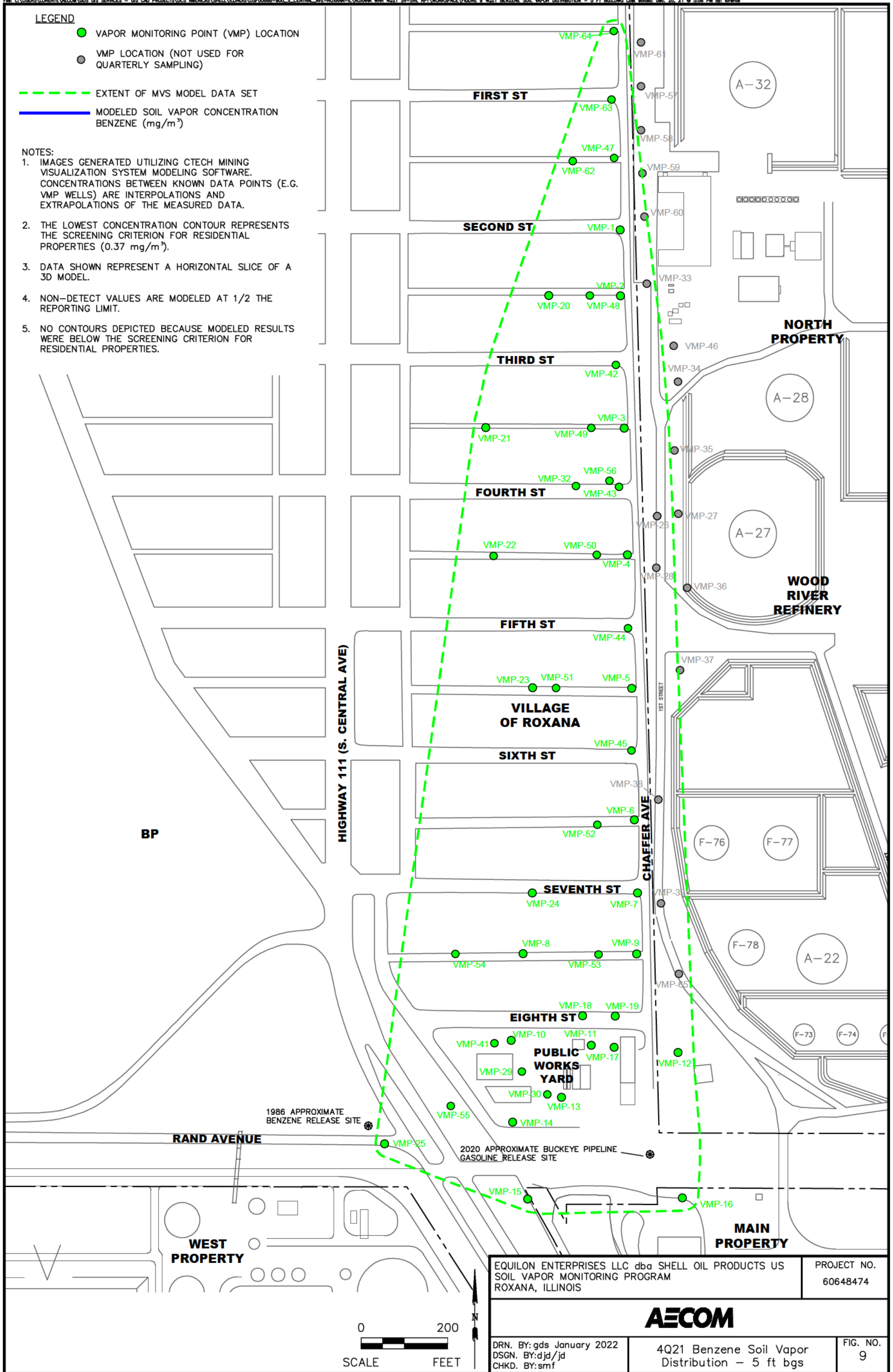
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AECOM		
DRN. BY: gds January 2022 DSN. BY: djd CHKD. BY: smf	4Q21 Cross-Section with Benzene Soil Vapor Analytical Results - Chaffer Avenue	FIG. NO. 8

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.



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DRN. BY: gds January 2022 DSGN. BY: djd/jd CHKD. BY: smf	4Q21 Benzene Soil Vapor Distribution - 5 ft bgs	FIG. NO. 9
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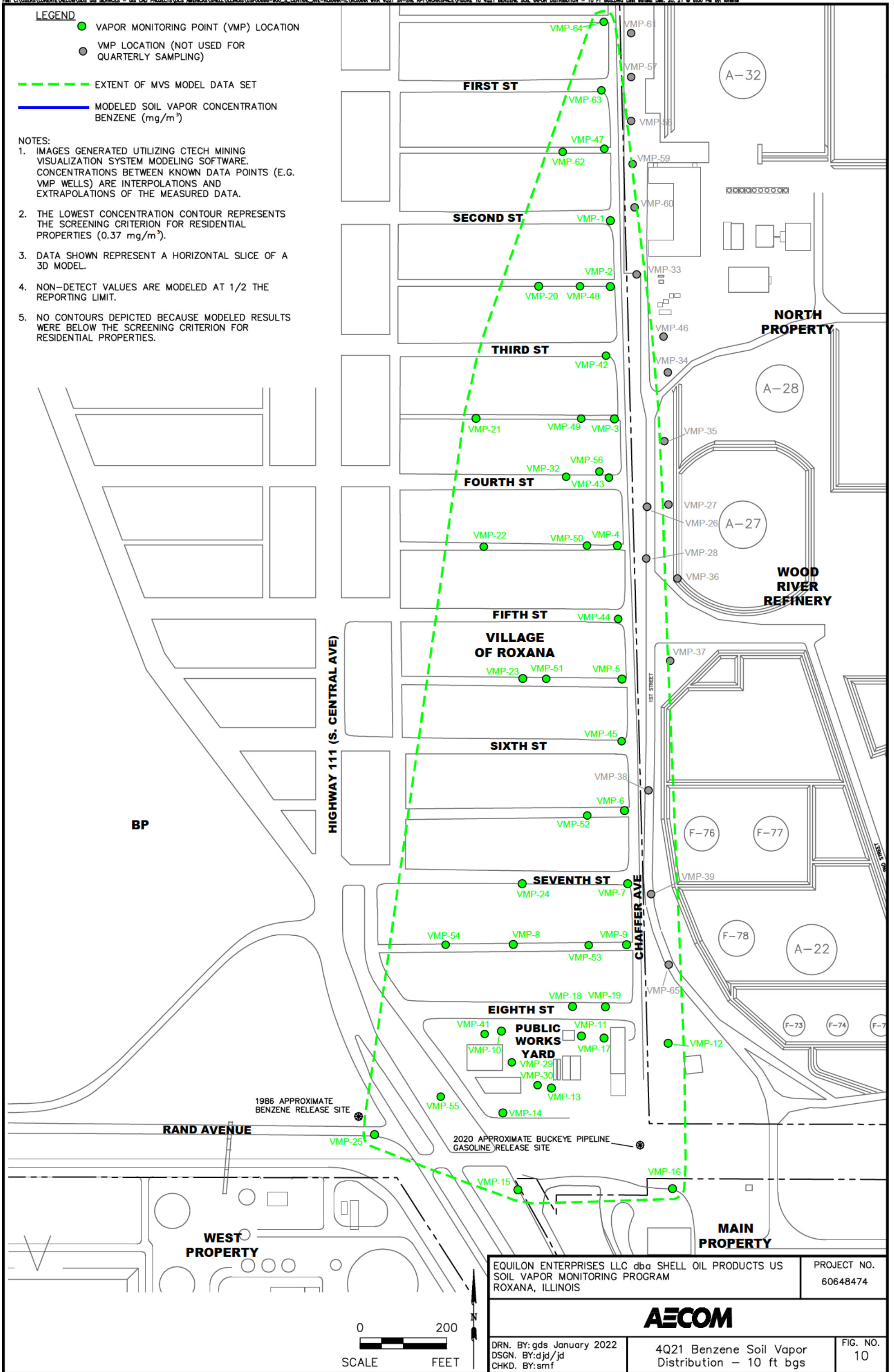


LEGEND

- 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.



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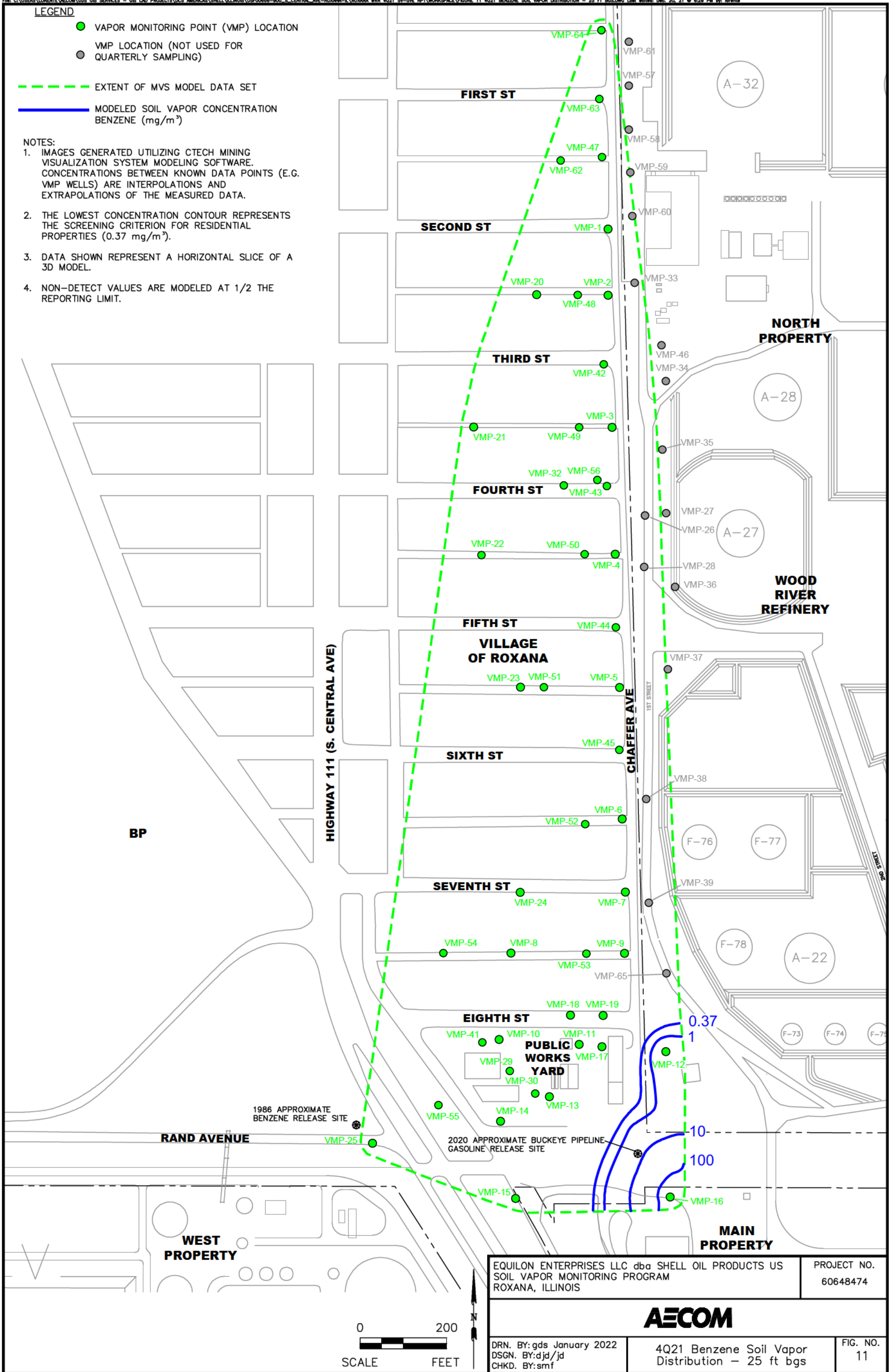
DRN. BY: gds January 2022 DSGN. BY: djd/jd CHKD. BY: smf	4Q21 Benzene Soil Vapor Distribution - 10 ft bgs	FIG. NO. 10
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LEGEND

- 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.



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DRN. BY: gds January 2022 DSGN. BY: djd/jd CHKD. BY: smf	4Q21 Benzene Soil Vapor Distribution - 25 ft bgs	FIG. NO. 11
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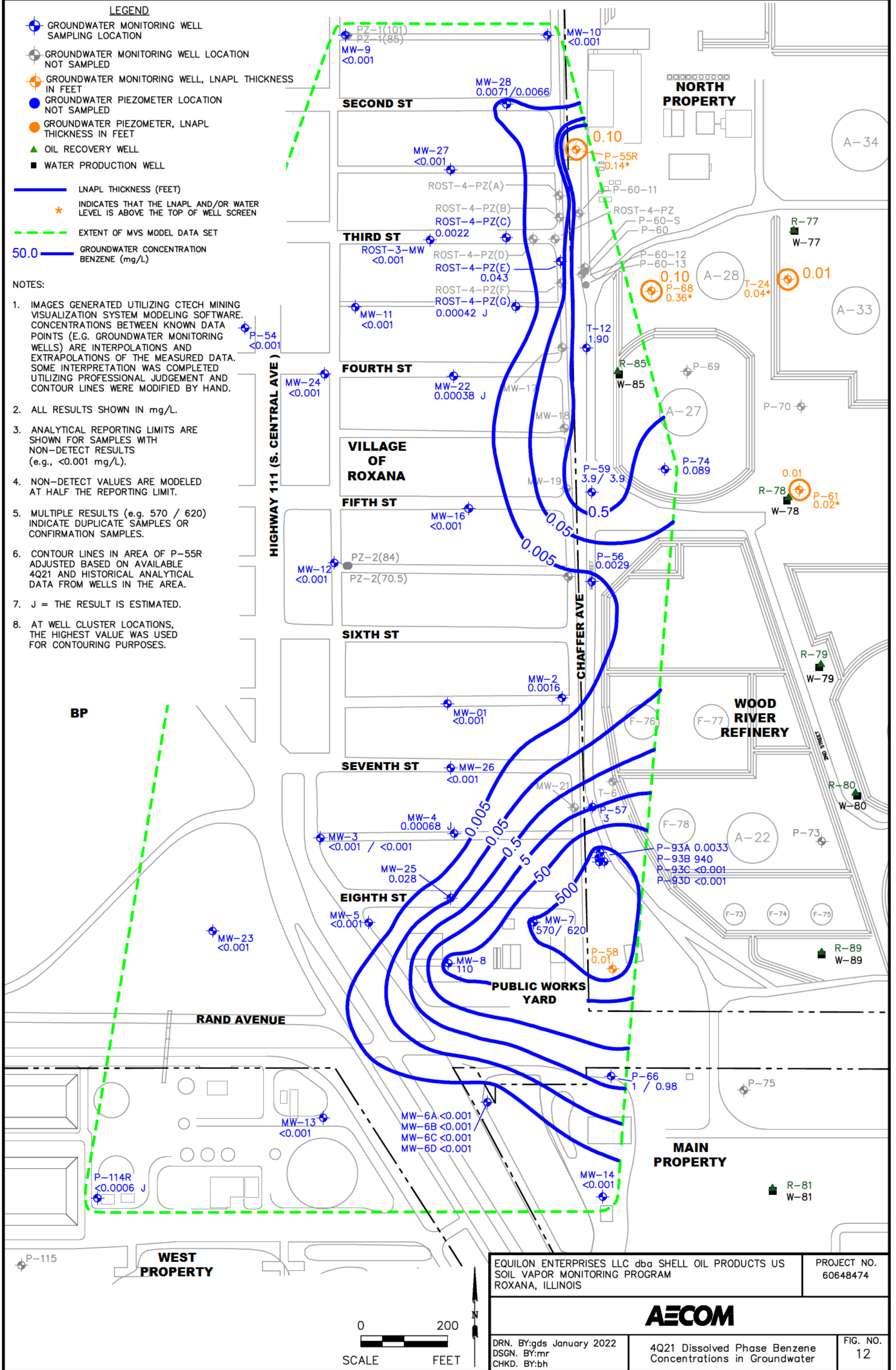


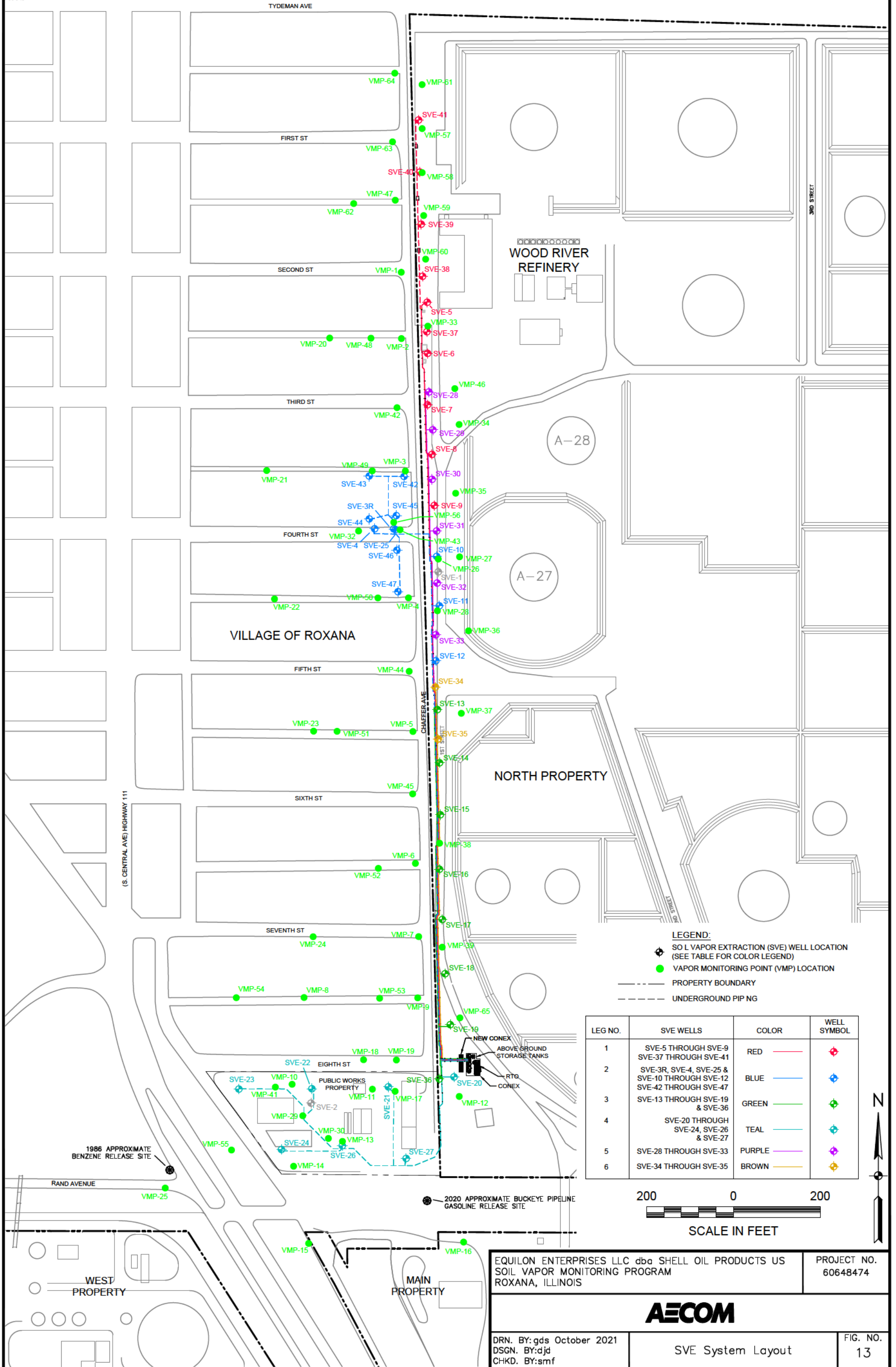
LEGEND

- 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
- OIL RECOVERY WELL
- WATER PRODUCTION WELL
- 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:

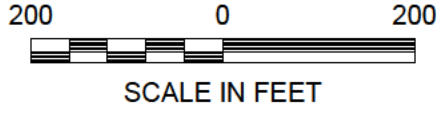
1. IMAGES GENERATED UTILIZING CTECH MINING VISUALIZATION SYSTEM MODELING SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. GROUNDWATER MONITORING WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF THE MEASURED DATA. SOME INTERPRETATION WAS COMPLETED UTILIZING PROFESSIONAL JUDGEMENT AND CONTOUR LINES 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. 570 / 620) INDICATE DUPLICATE SAMPLES OR CONFIRMATION SAMPLES.
6. CONTOUR LINES IN AREA OF P-55R ADJUSTED BASED ON AVAILABLE 4Q21 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.





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 2021 DSGN. BY:djd CHKD. BY:smf	SVE System Layout	FIG. NO. 13

Appendix A Site Background and Regulatory History

APPENDIX A SITE BACKGROUND AND REGULATORY HISTORY

Soil Vapor Sampling

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

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

IEPA provided further comments in a March 16, 2011 letter (IEPA, 2011) to SOPUS approving the Soil Vapor Extraction (SVE) Pilot Test Work Plan. In particular, Comment Number 2 of the March 16, 2011 letter required that quarterly soil vapor sampling continue at the 25 VMP locations, and Comment Number 9 requested an updated report, including a discussion of the geology, extent of groundwater impact, and distribution of impacted soil vapor. These items/comments were included in the 1Q11 Soil Vapor Report (URS, 2011a) and have been updated for this report.

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

Based on a September 13, 2012 letter from the IEPA (IEPA, 2012), VMP-29, VMP-30, and VMP-41, located within the Roxana Public Works Yard, were added to the quarterly sampling program during 3rd Quarter 2012 (3Q12). Additional VMPs (VMP-47 through VMP-55) were installed during the 4th Quarter 2012 (4Q12) in the Village. Monitoring of these VMPs commenced in the 1st Quarter 2013 (1Q13) sampling event.

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

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

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

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

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

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

APPENDIX A SITE BACKGROUND AND REGULATORY HISTORY

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.

AECOM, on behalf of SOPUS, submitted "TACO Tier 3 Demonstration Report Part 1: Site Characterization Summary" and "Part 2: Tier 3 Proposal" to the IEPA on April 6, 2017 (AECOM, 2017a; AECOM, 2017b). This submittal was followed by two supplemental documents submitted on July 14, 2017 (AECOM, 2017c), and November 22, 2017 (AECOM, 2017d), respectively. These submittals provided a site characterization summary and a Tier 3 demonstration requesting to shut down the SVE System and initiate a period of rebound monitoring.

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.

On October 1, 2020, the IEPA issued a response letter to the 2017 TACO Tier 3 submittals, in which the submittals were neither approved nor denied (IEPA, 2020). Condition 1 of the letter stated that the SVE system must be maintained in areas of concern until groundwater concentrations at monitoring wells within the Village have been reduced to levels consistent with applicable standards. Additional conditions within the letter provided guidance for recalculation of Tier 3 remedial objectives, provided comments on the screening of analytical results, and provided a list of 21 chemicals that may be excluded from further consideration. During a meeting on July 15, 2021, the IEPA provided some clarifications regarding comments in the October 1, 2020 letter.

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.

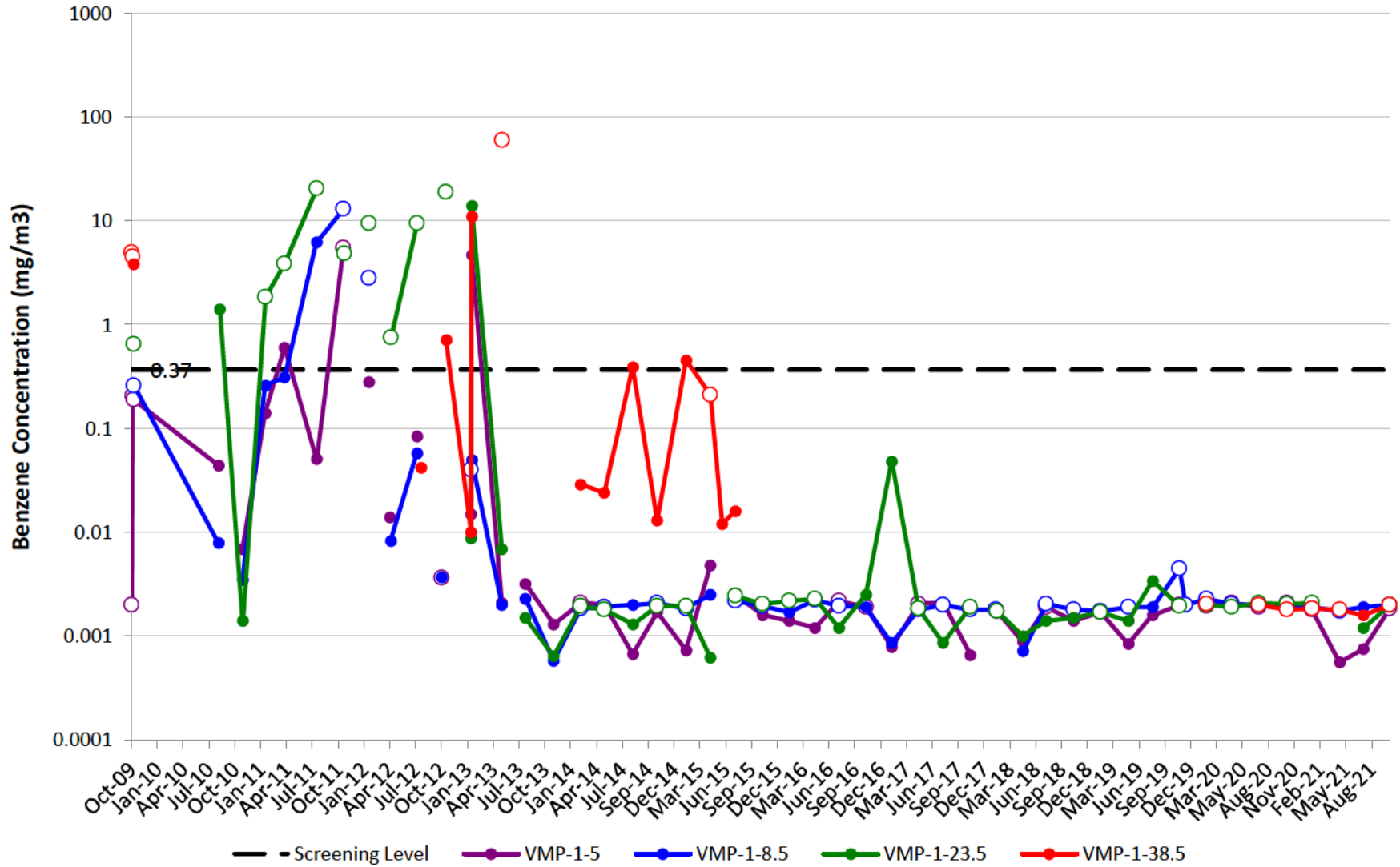
During 3Q13, URS designed an extension to the northernmost extent of the WFL portion of the SVE system. Five additional SVE wells (SVE wells 37 through 41) and six additional VMPs (VMPs 56 through 61) were installed in August 2013 for extension of the red header line, which was completed in October 2013.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

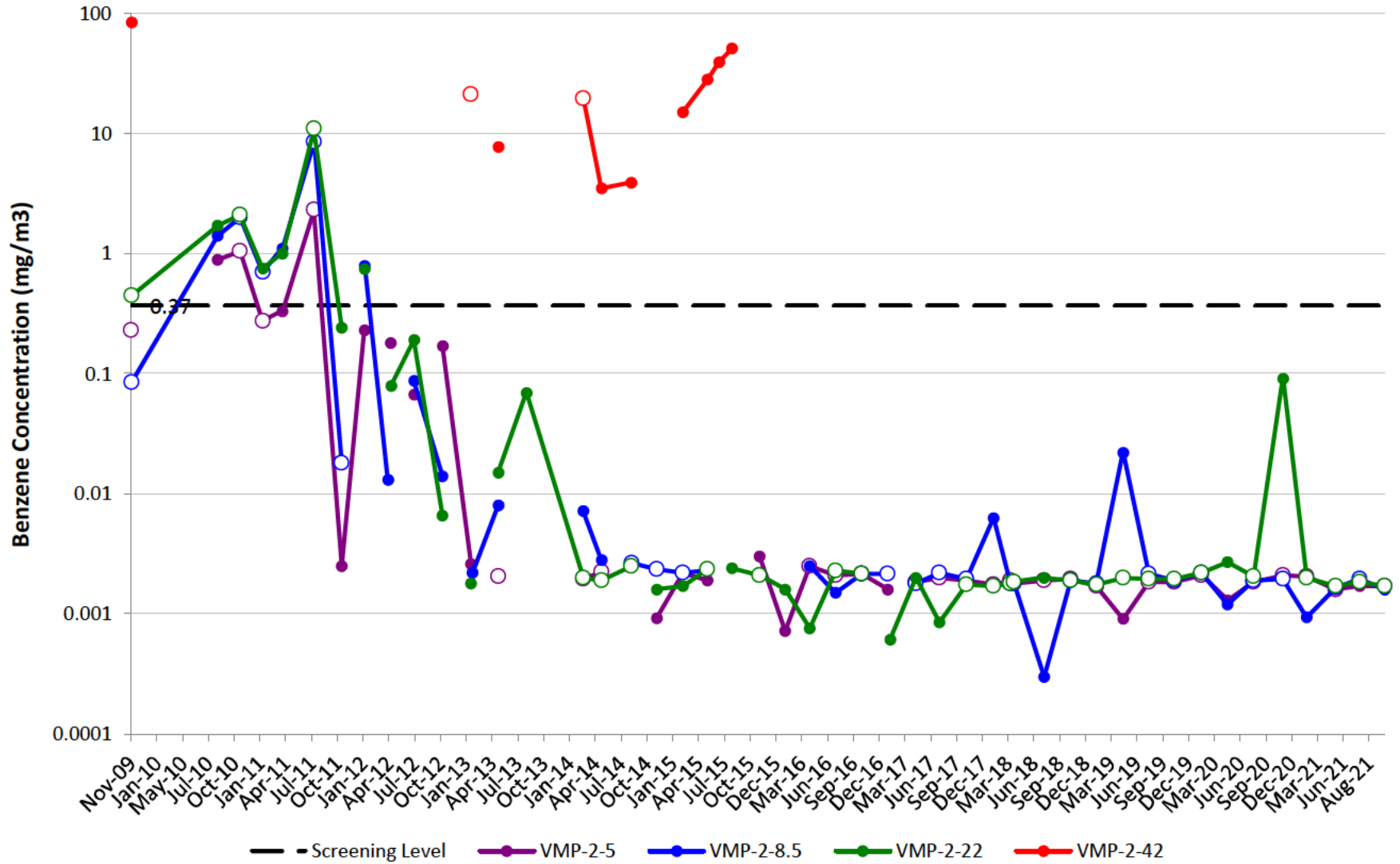
VMP-1

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



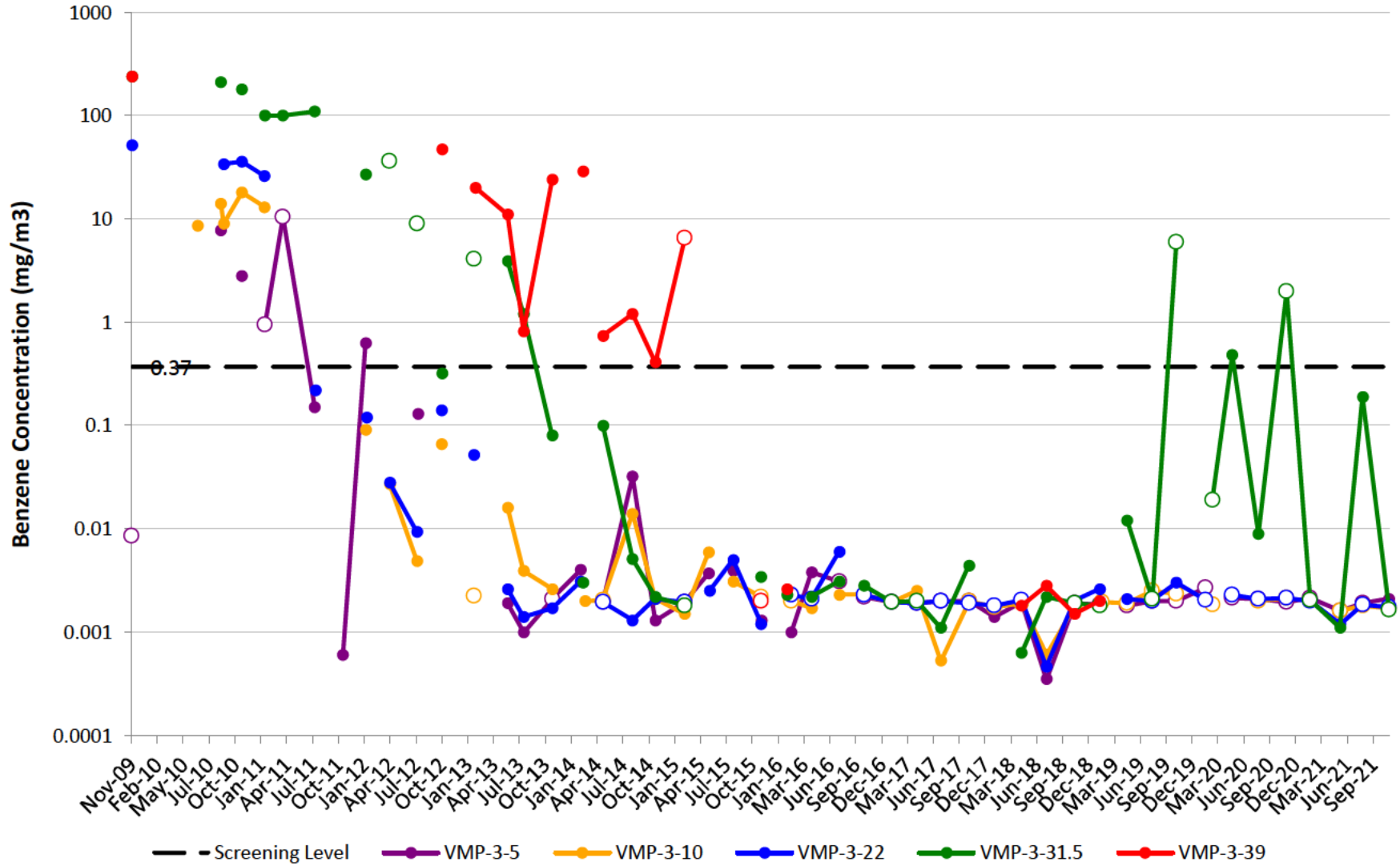
VMP-2

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



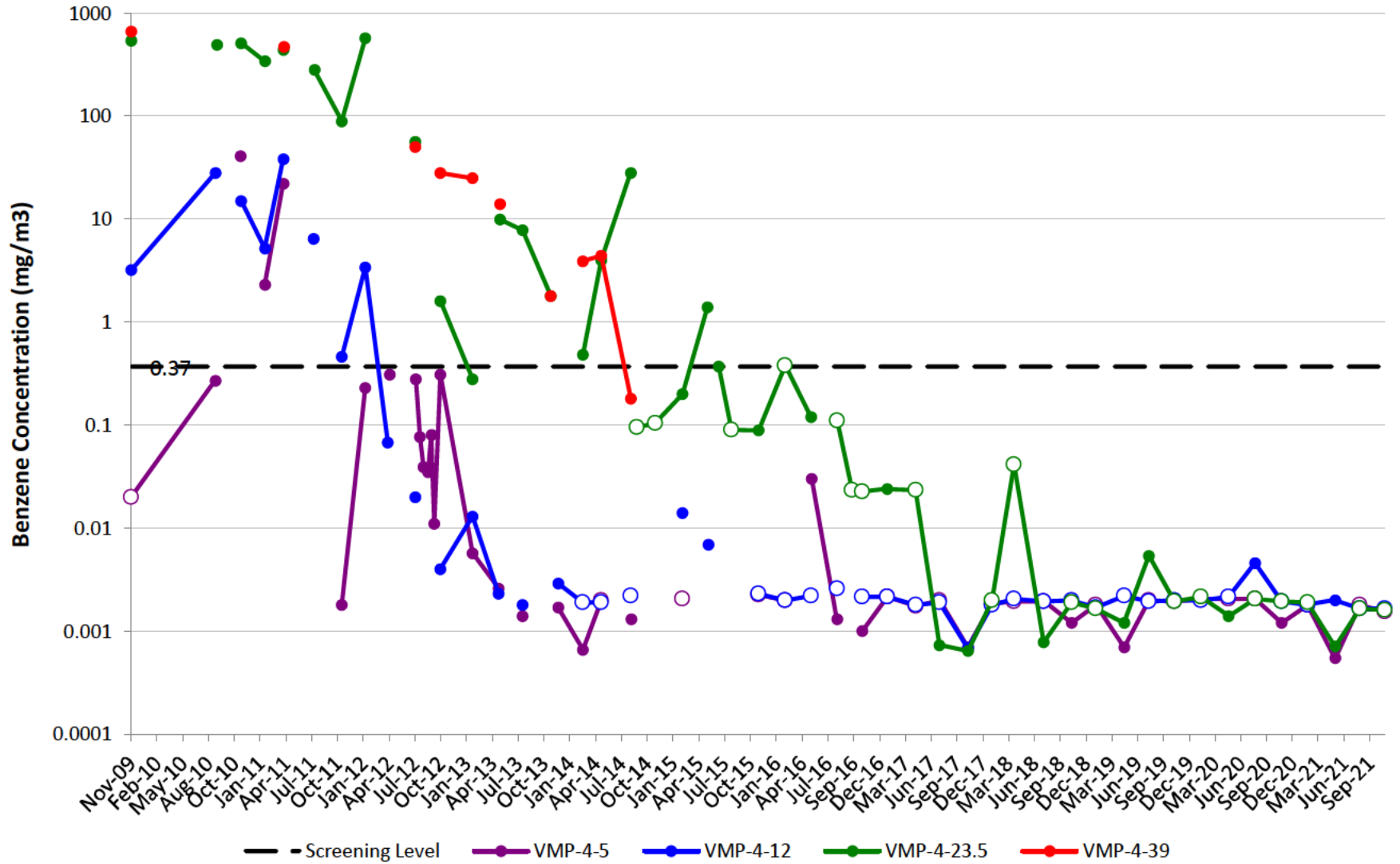
VMP-3

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



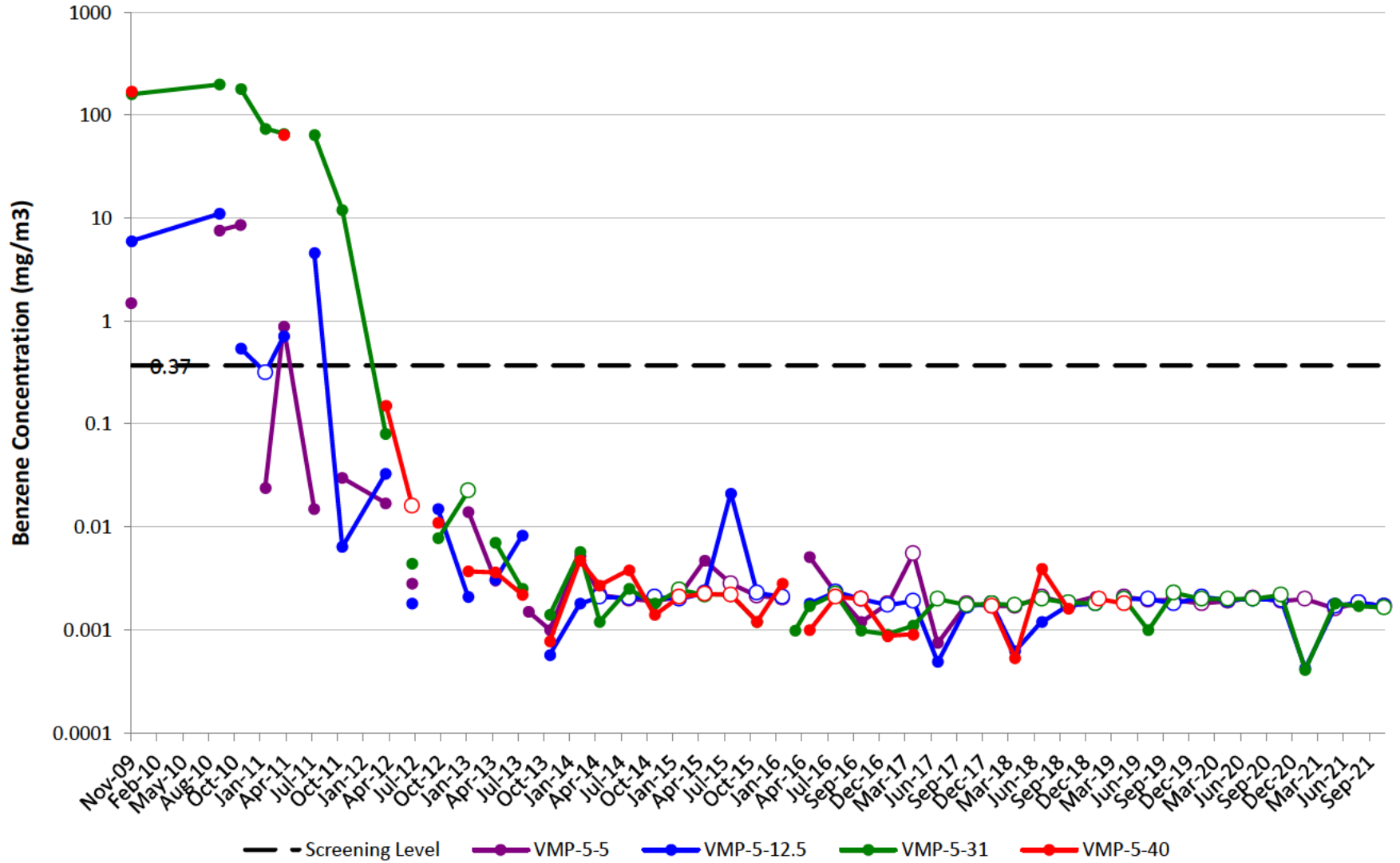
VMP-4

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



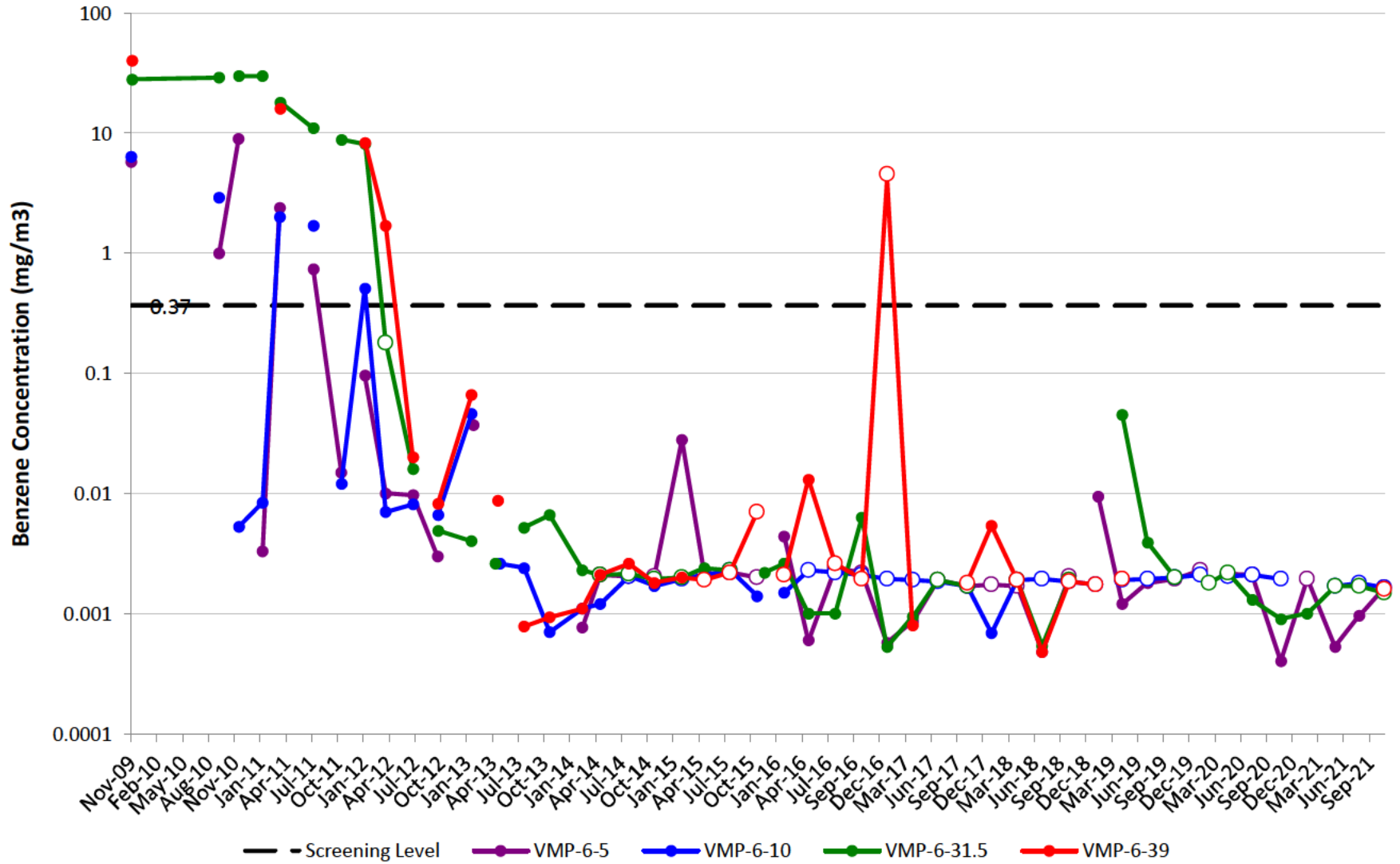
VMP-5

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



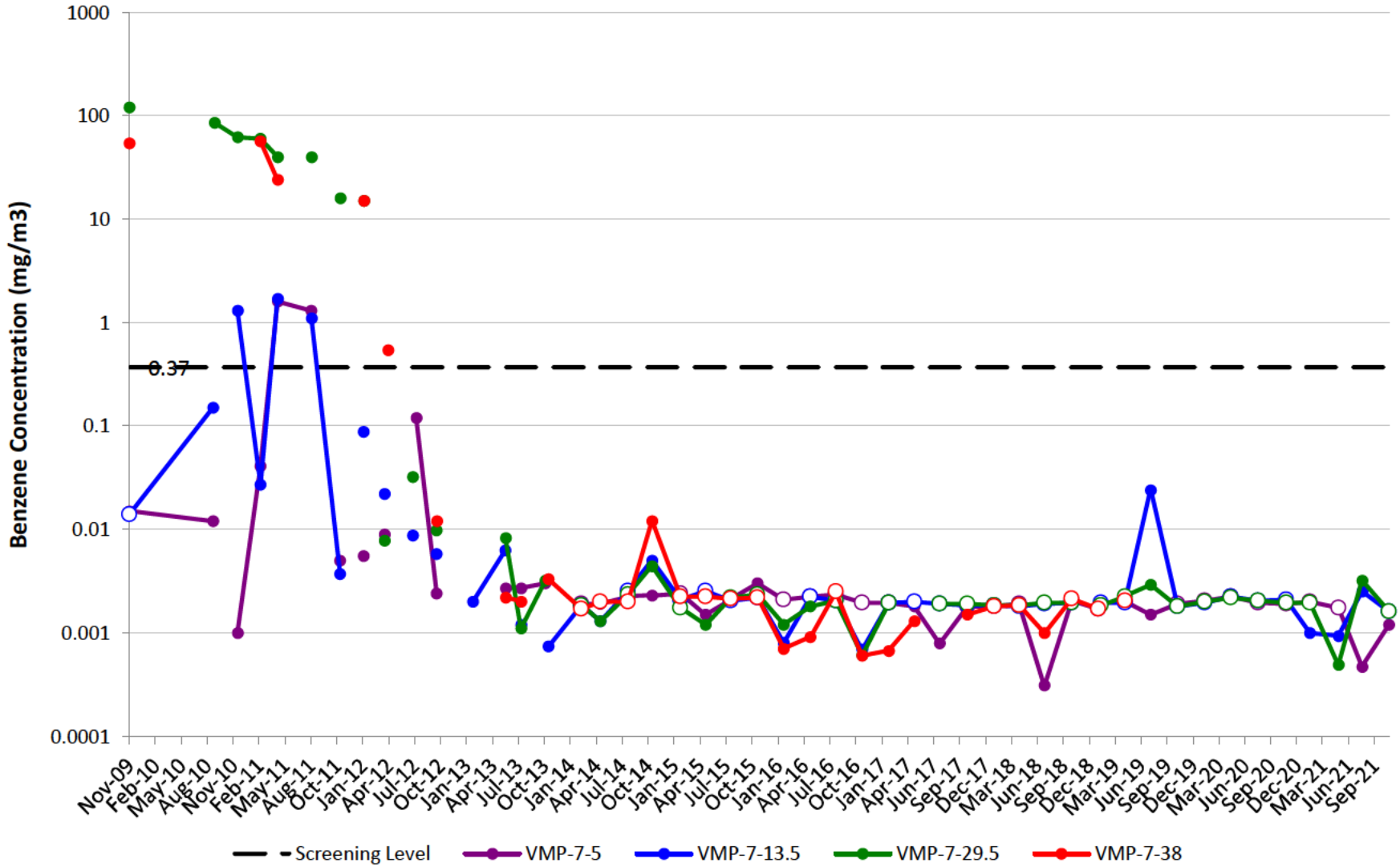
VMP-6

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



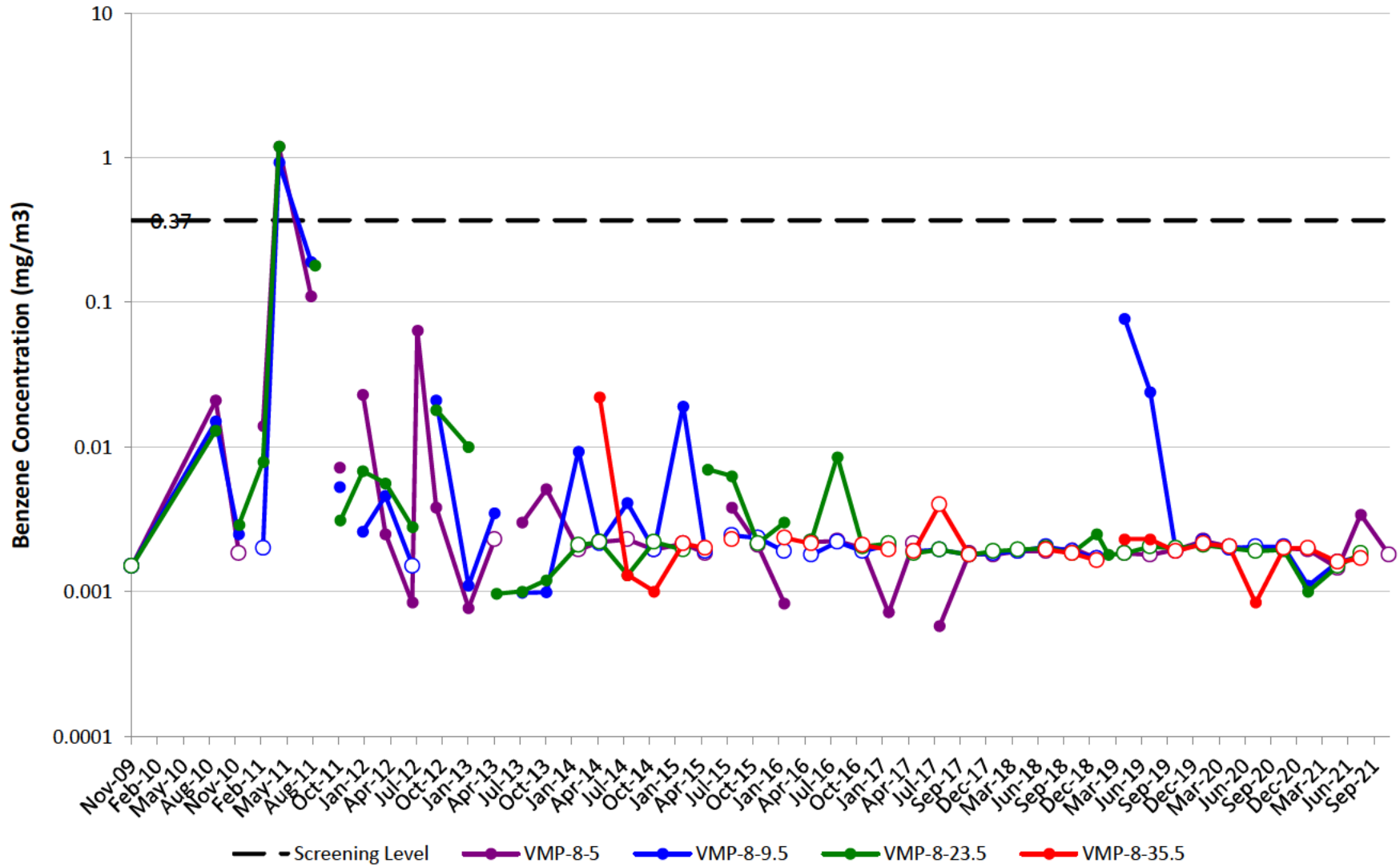
VMP-7

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



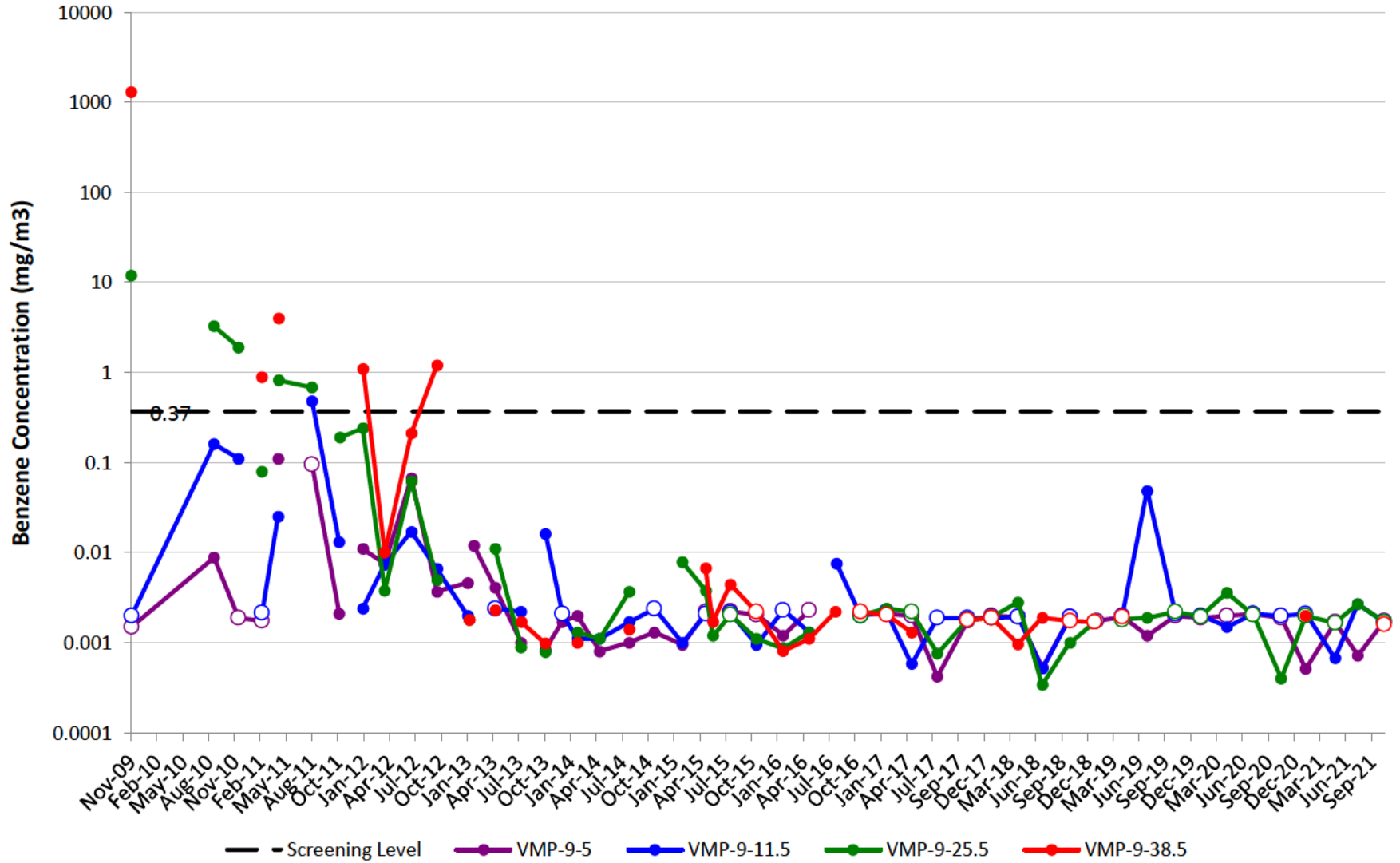
VMP-8

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



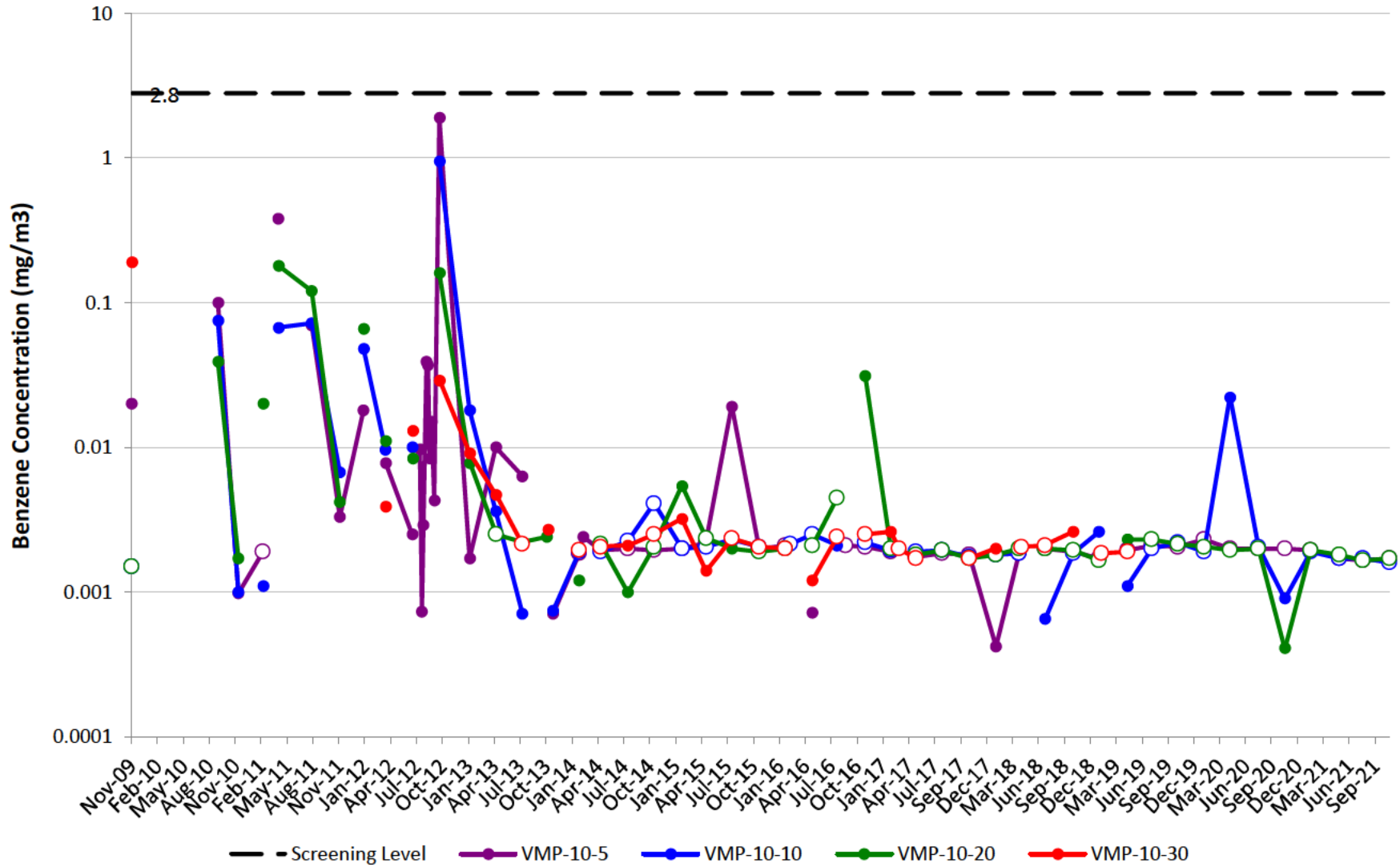
VMP-9

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



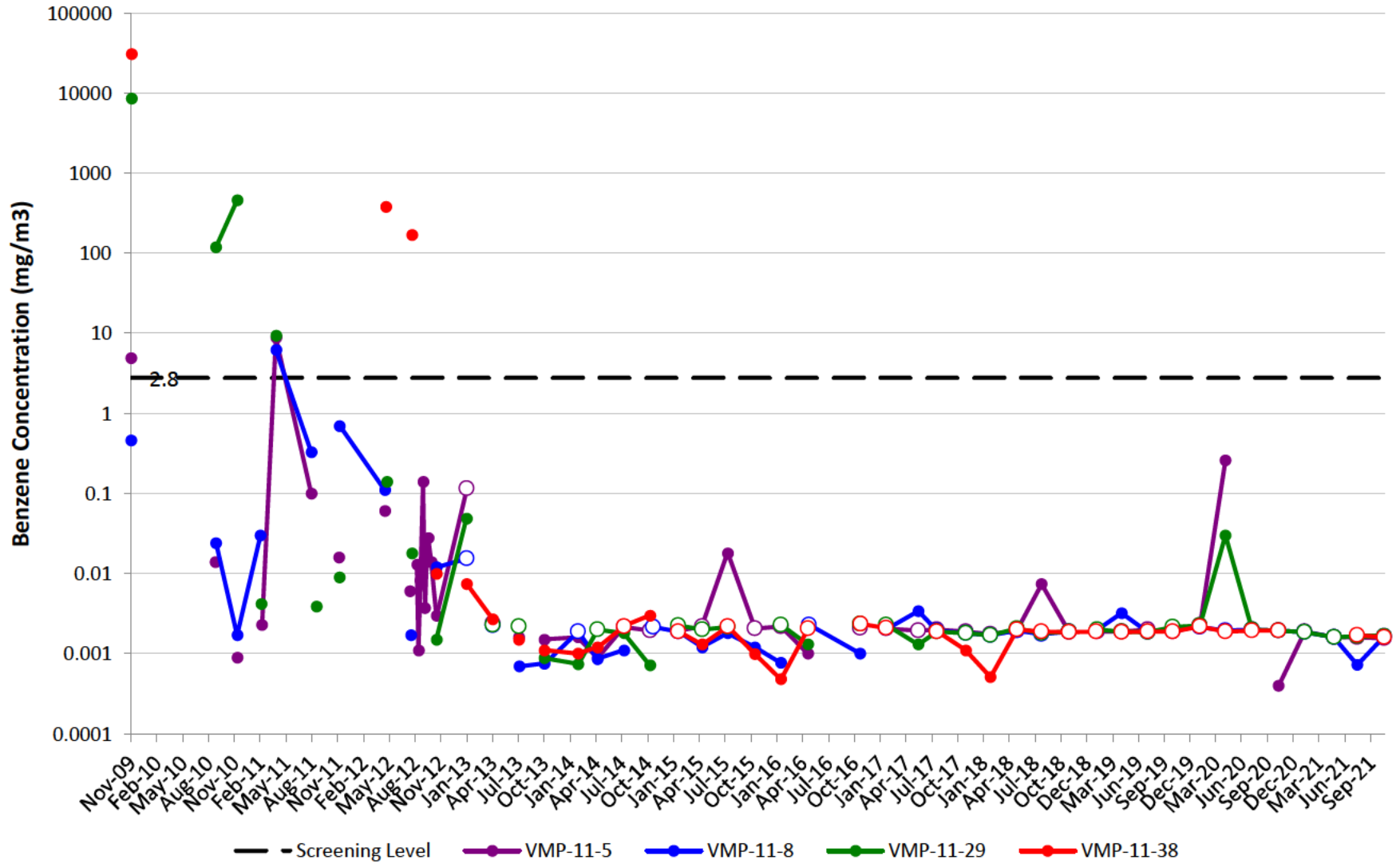
VMP-10

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



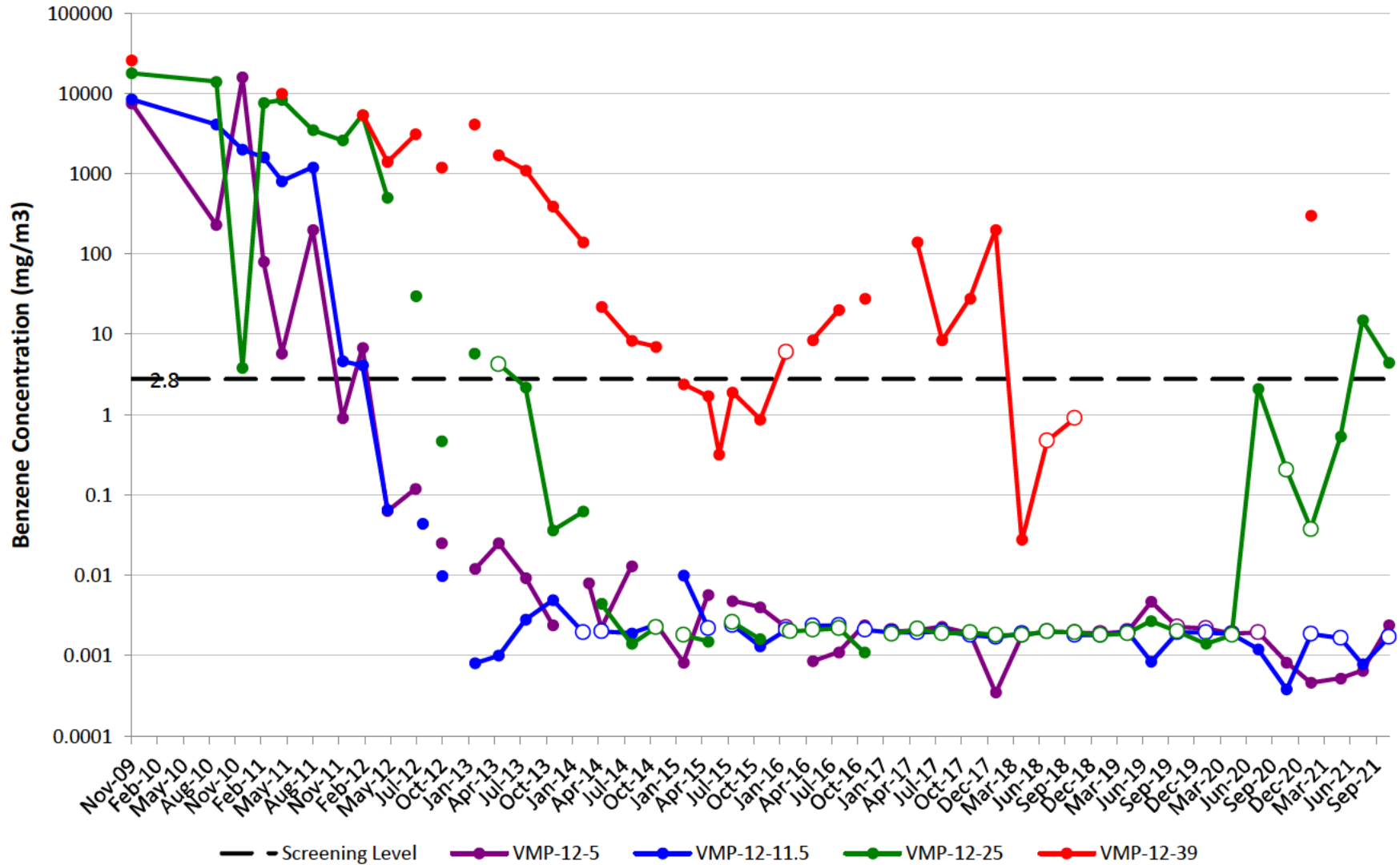
VMP-11

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



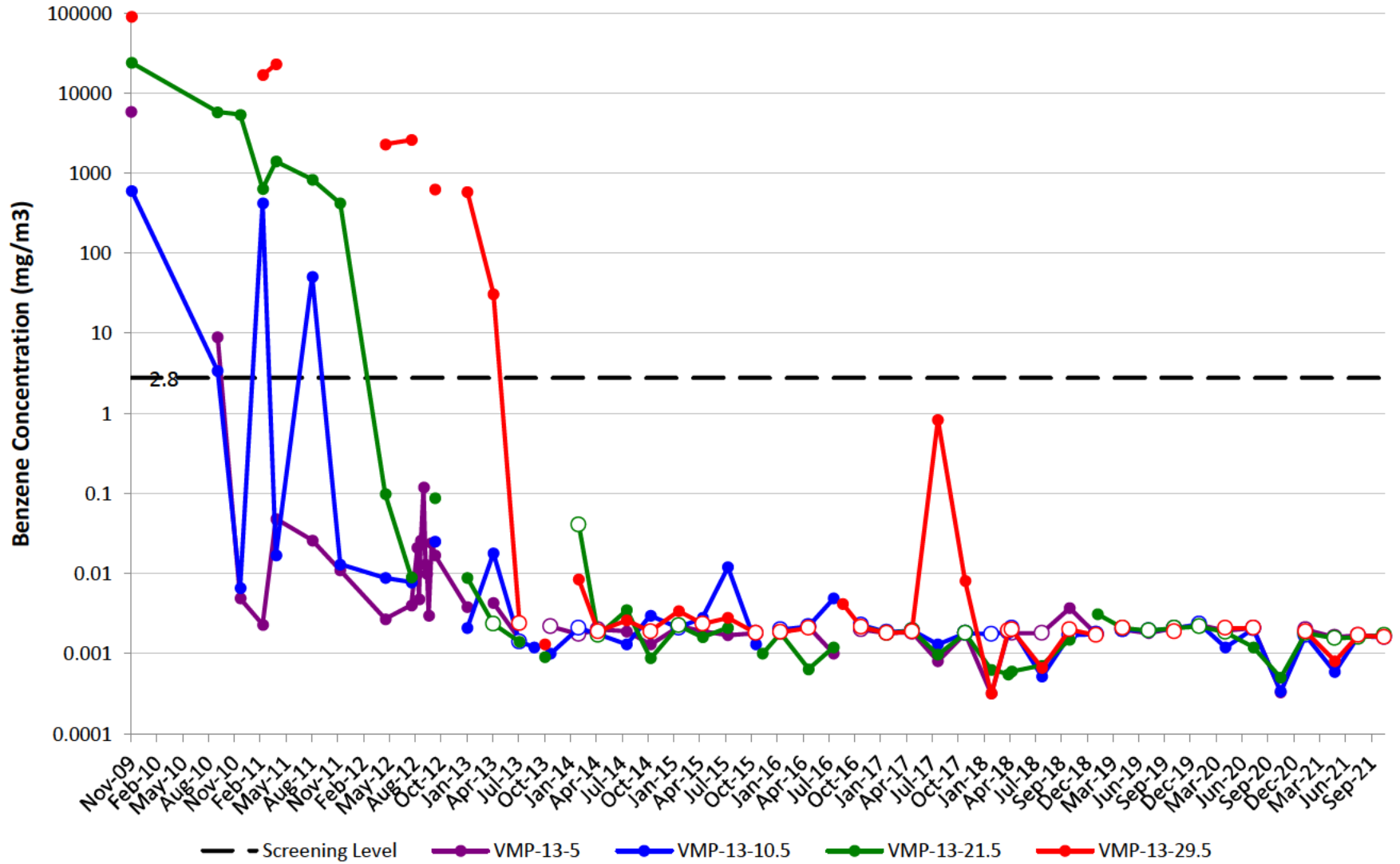
VMP-12

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
 Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



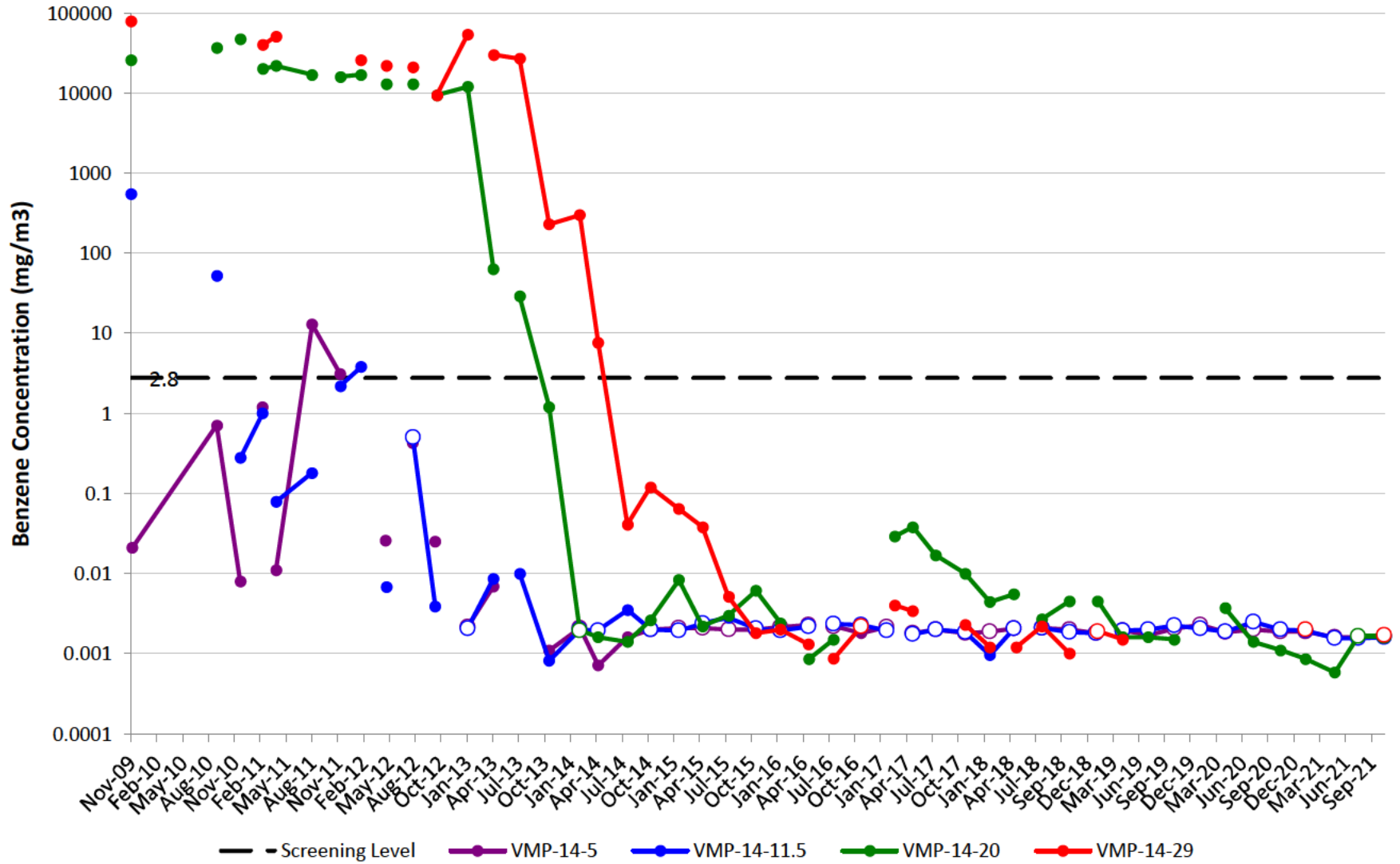
VMP-13

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



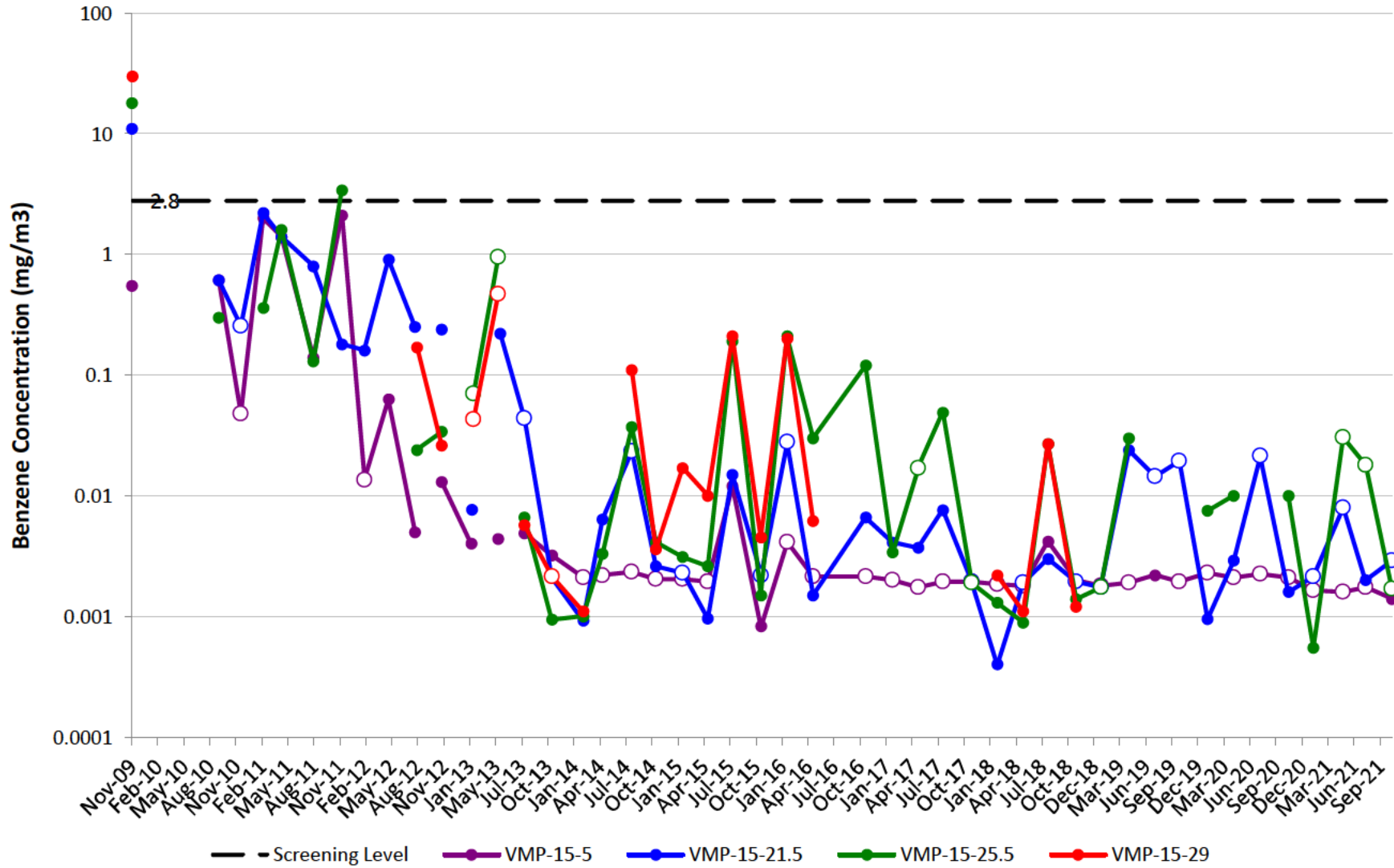
VMP-14

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



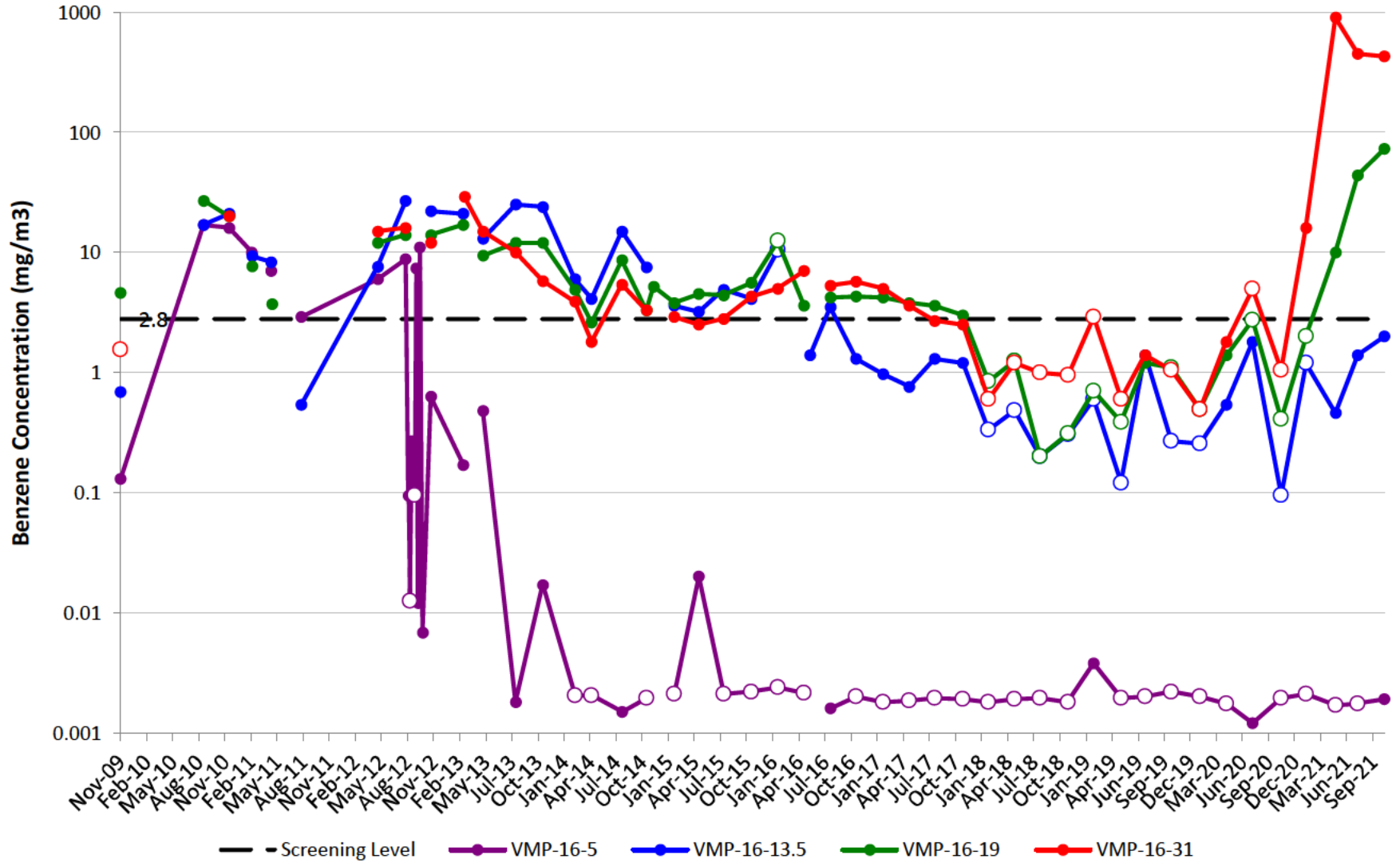
VMP-15

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



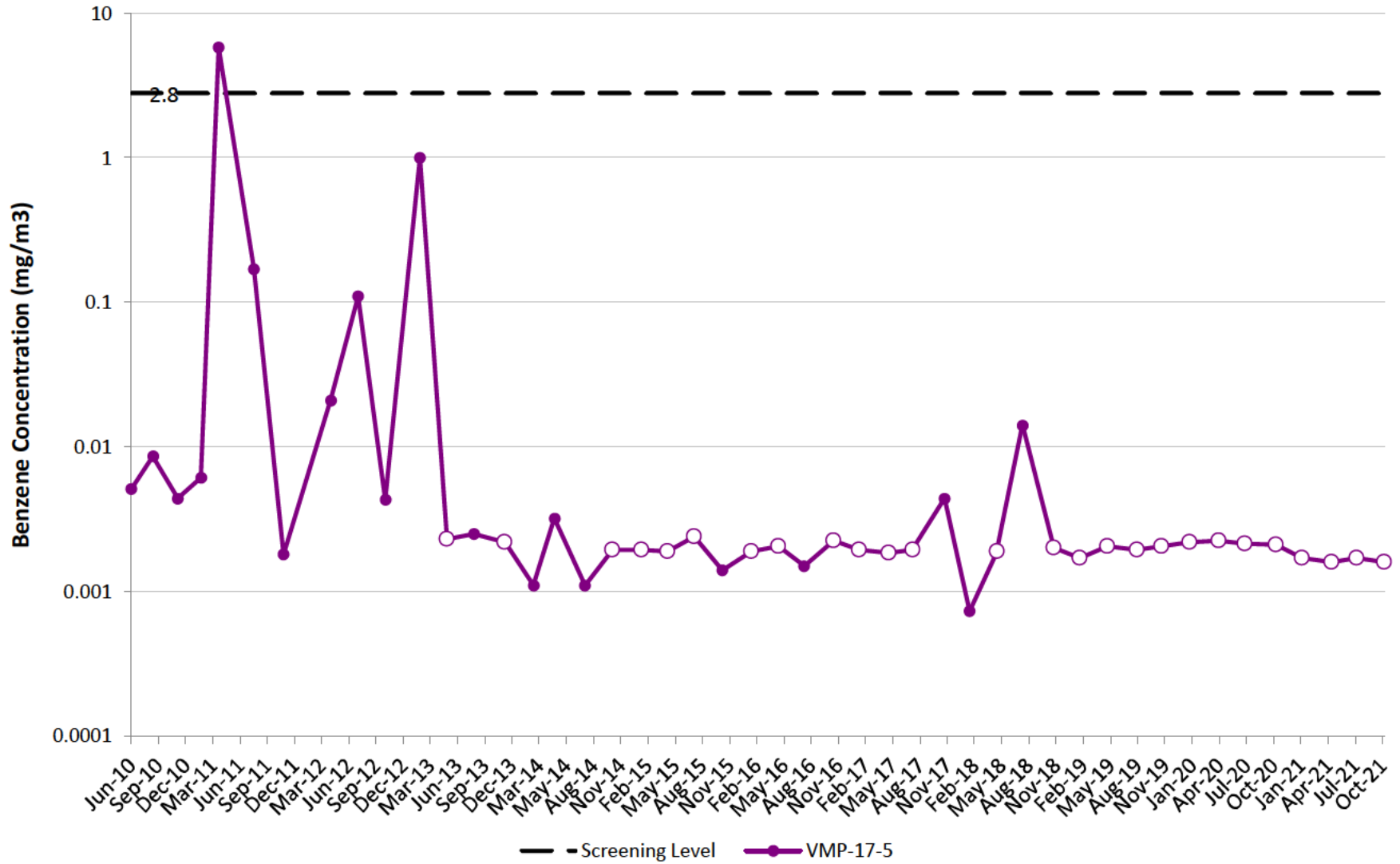
VMP-16

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



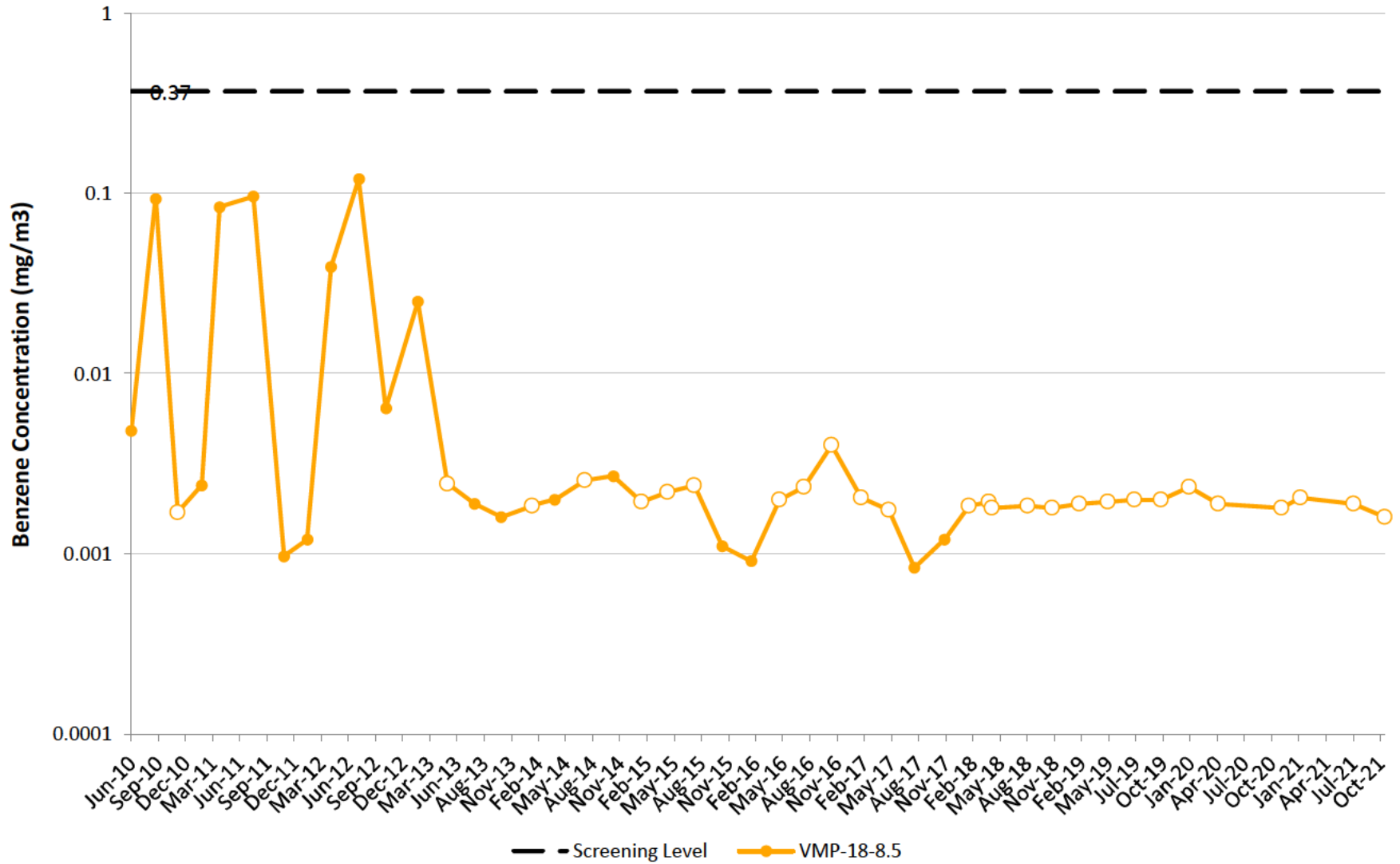
VMP-17

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



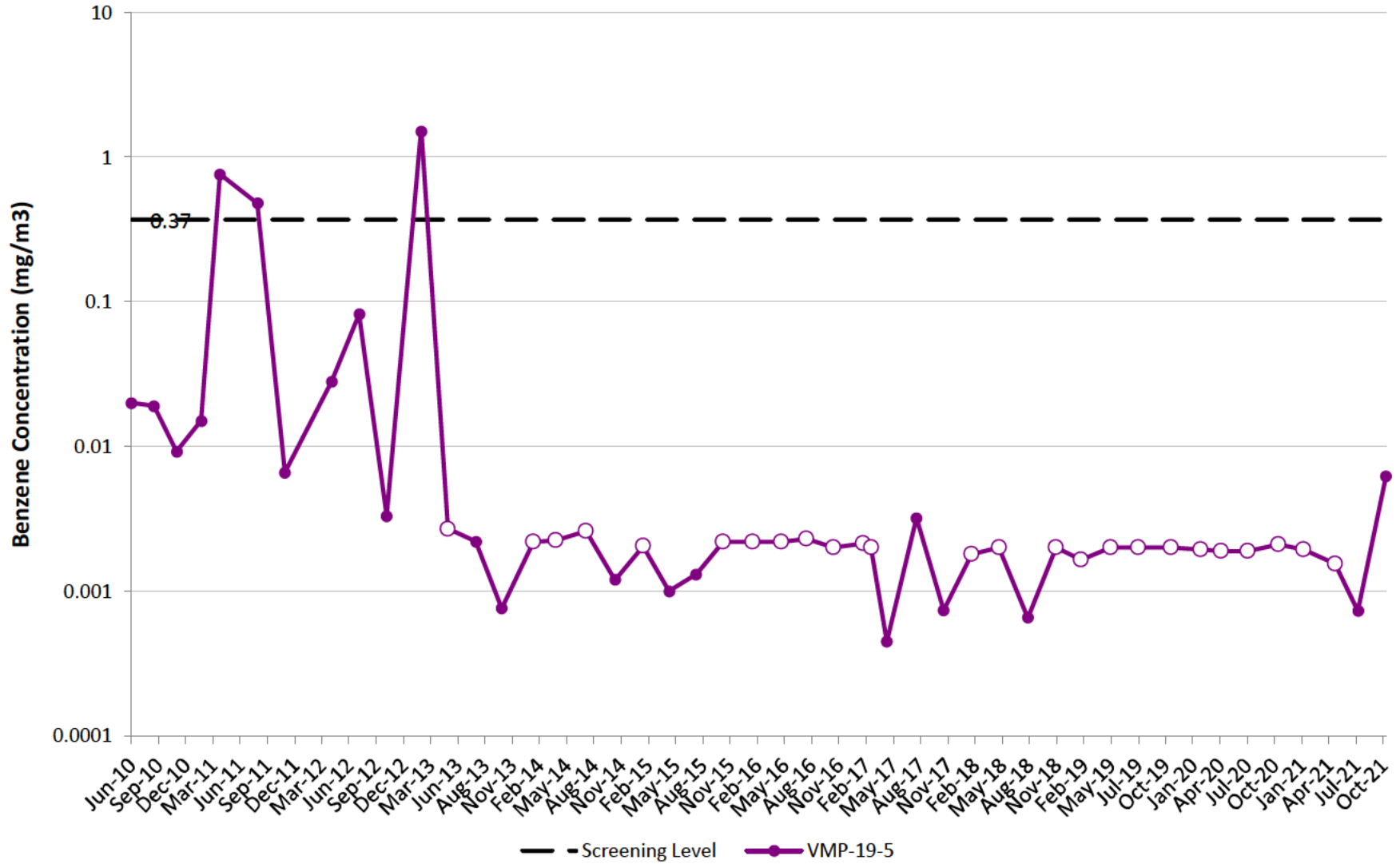
VMP-18

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



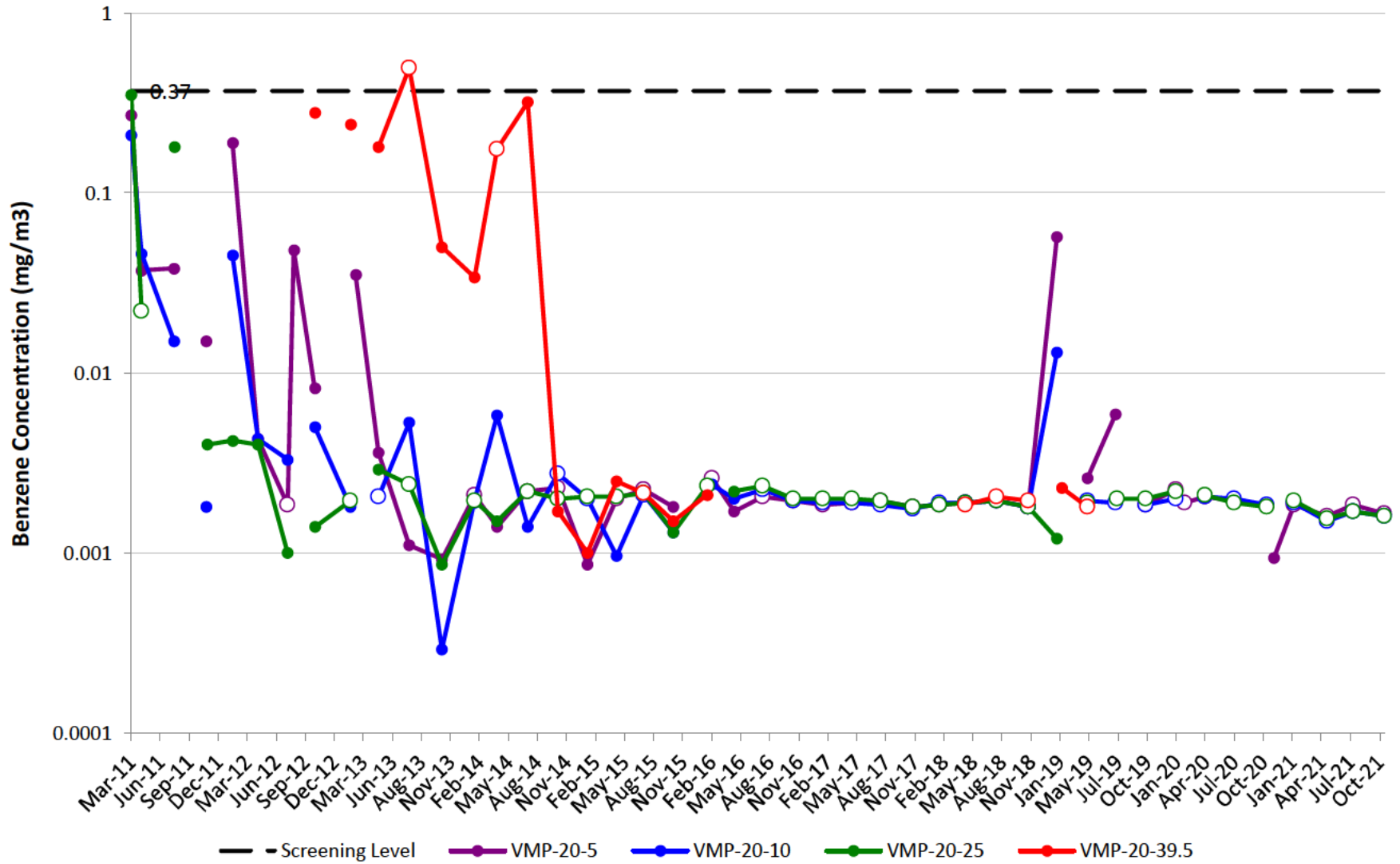
VMP-19

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



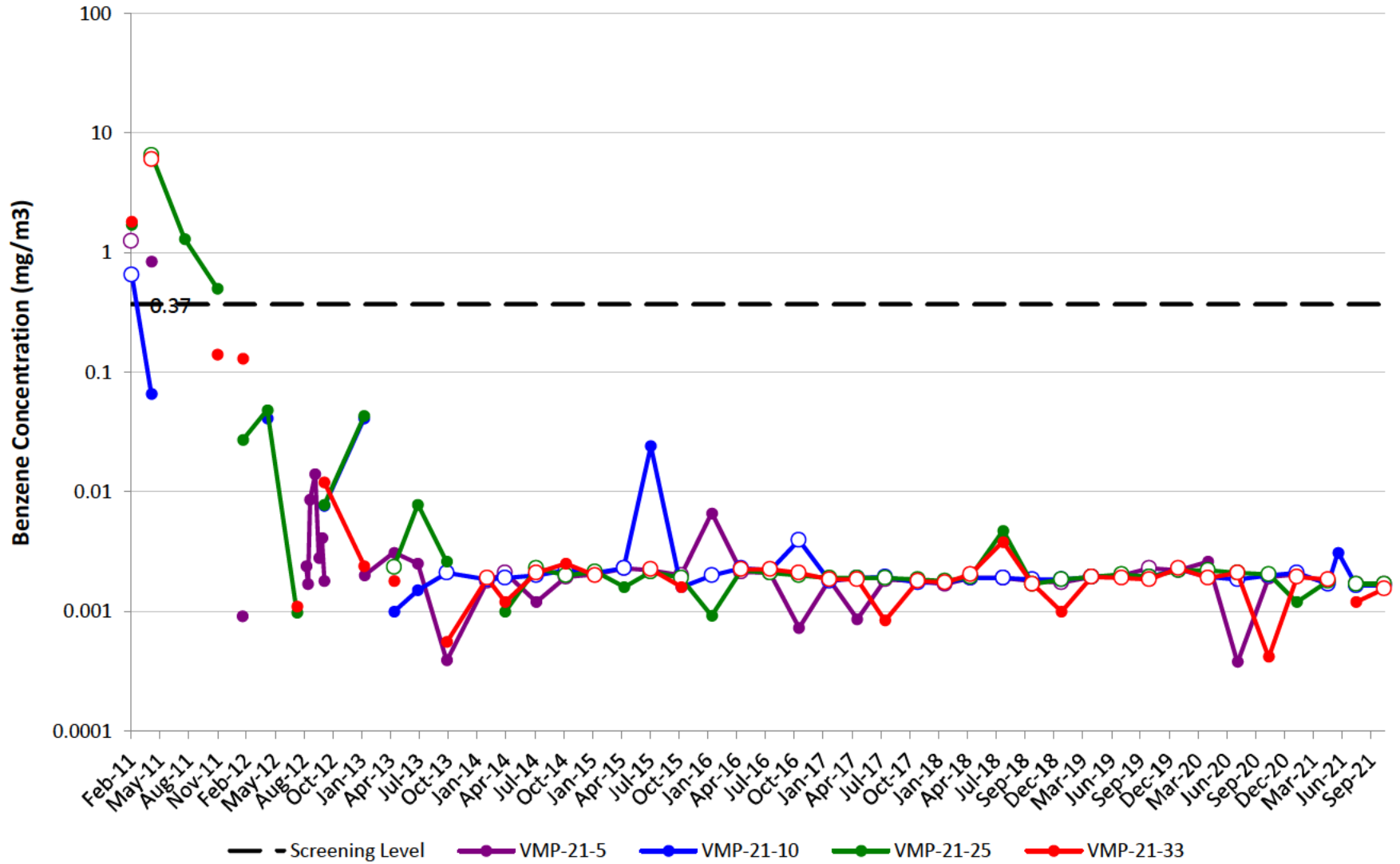
VMP-20

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



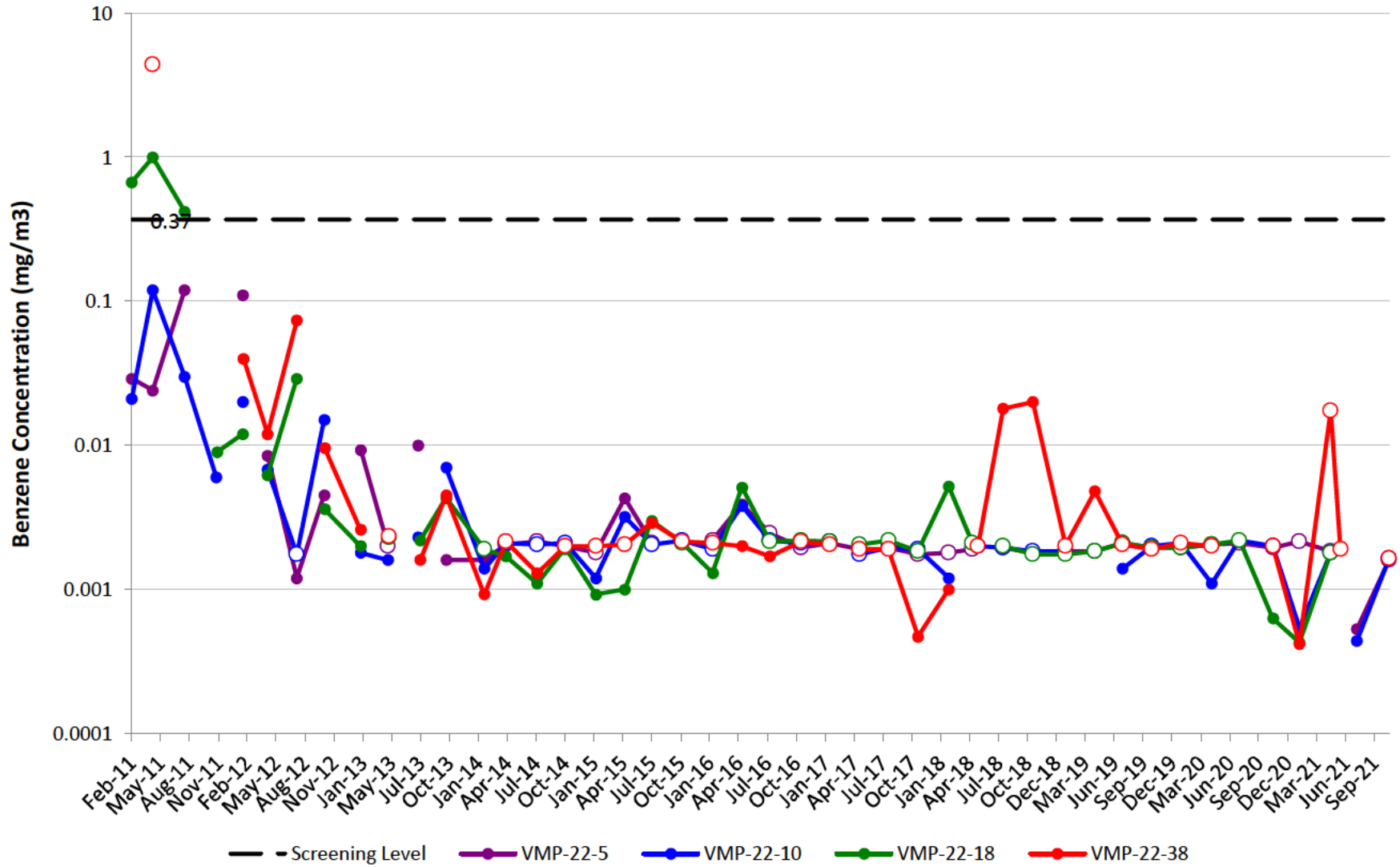
VMP-21

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



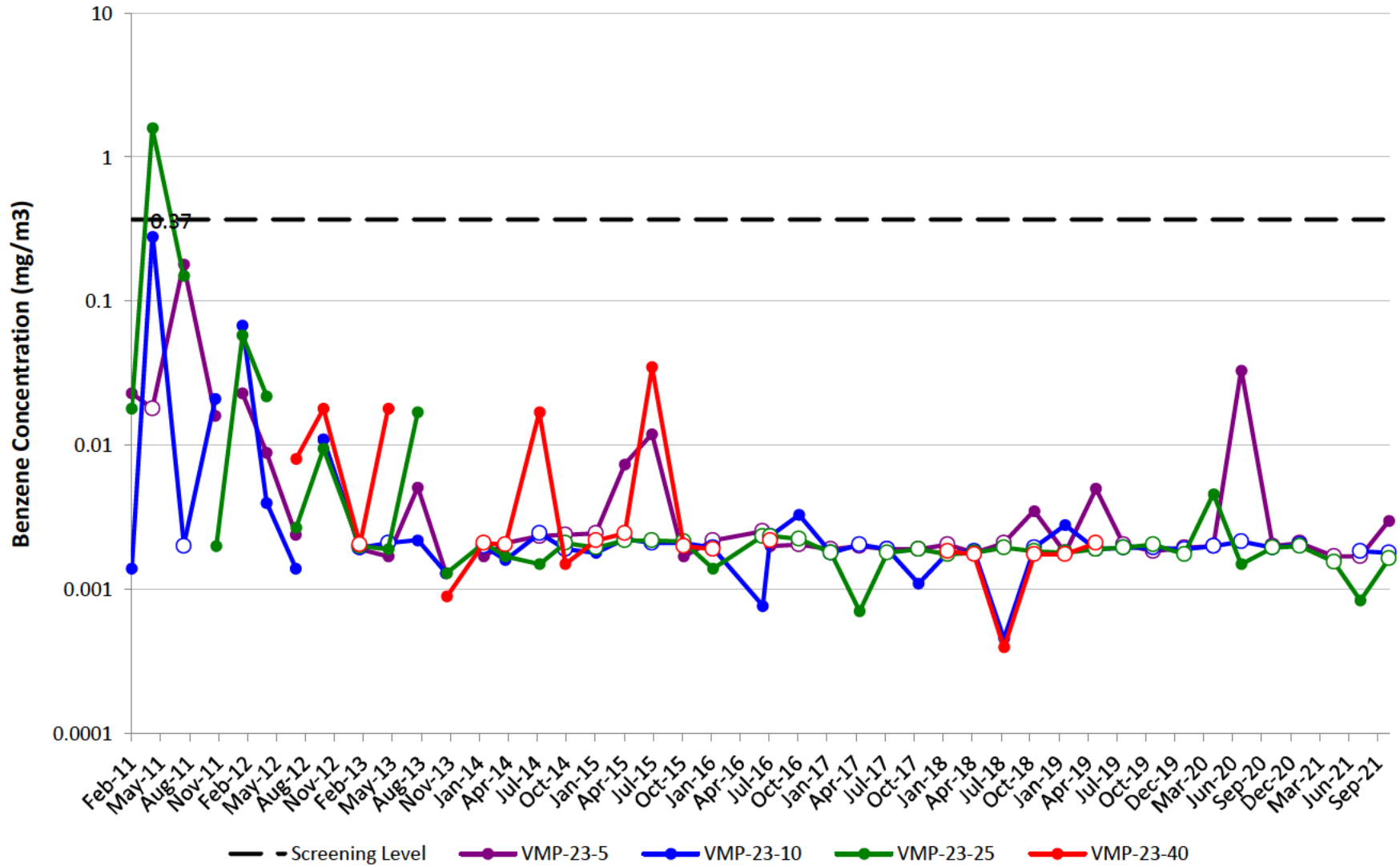
VMP-22

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



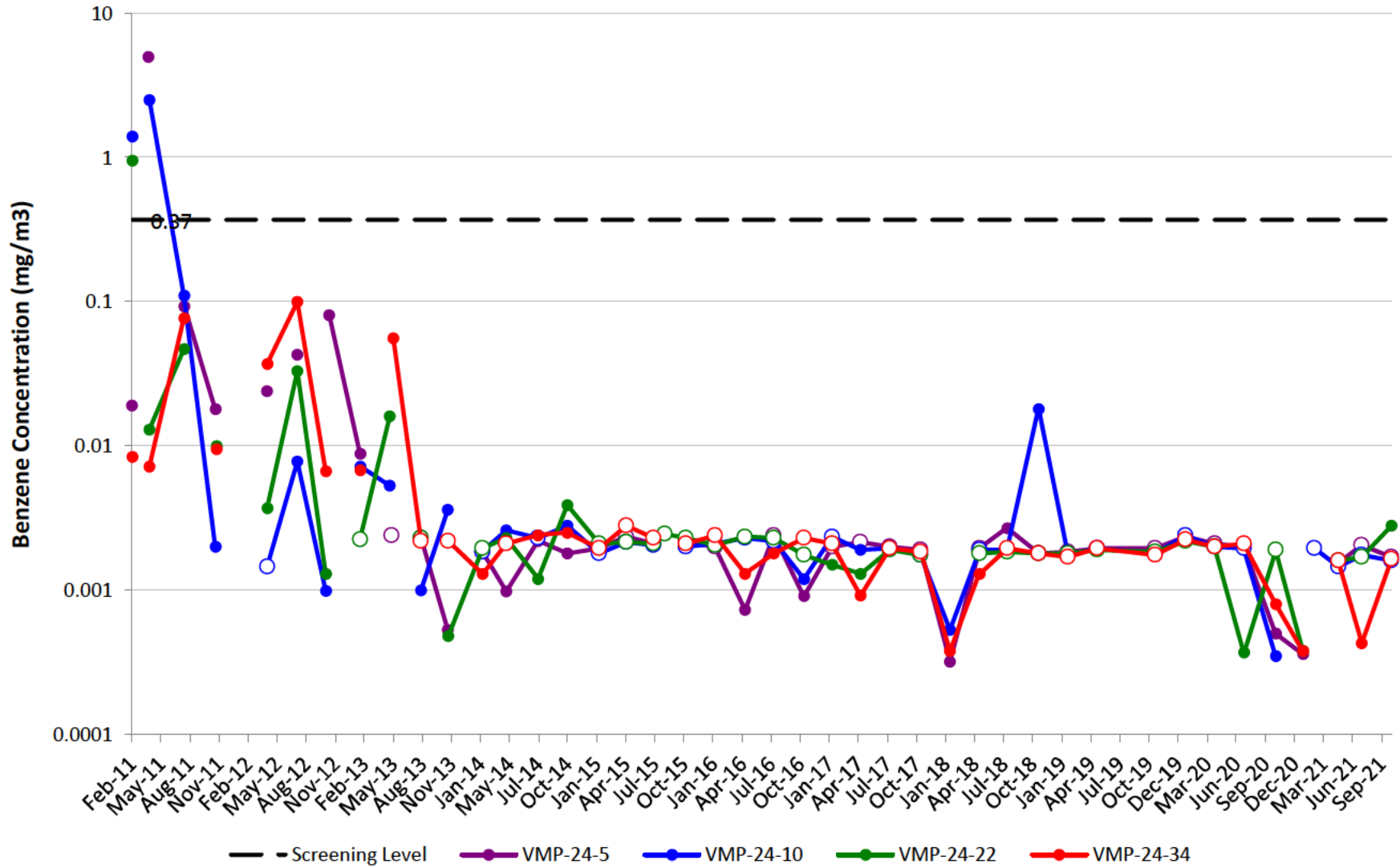
VMP-23

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



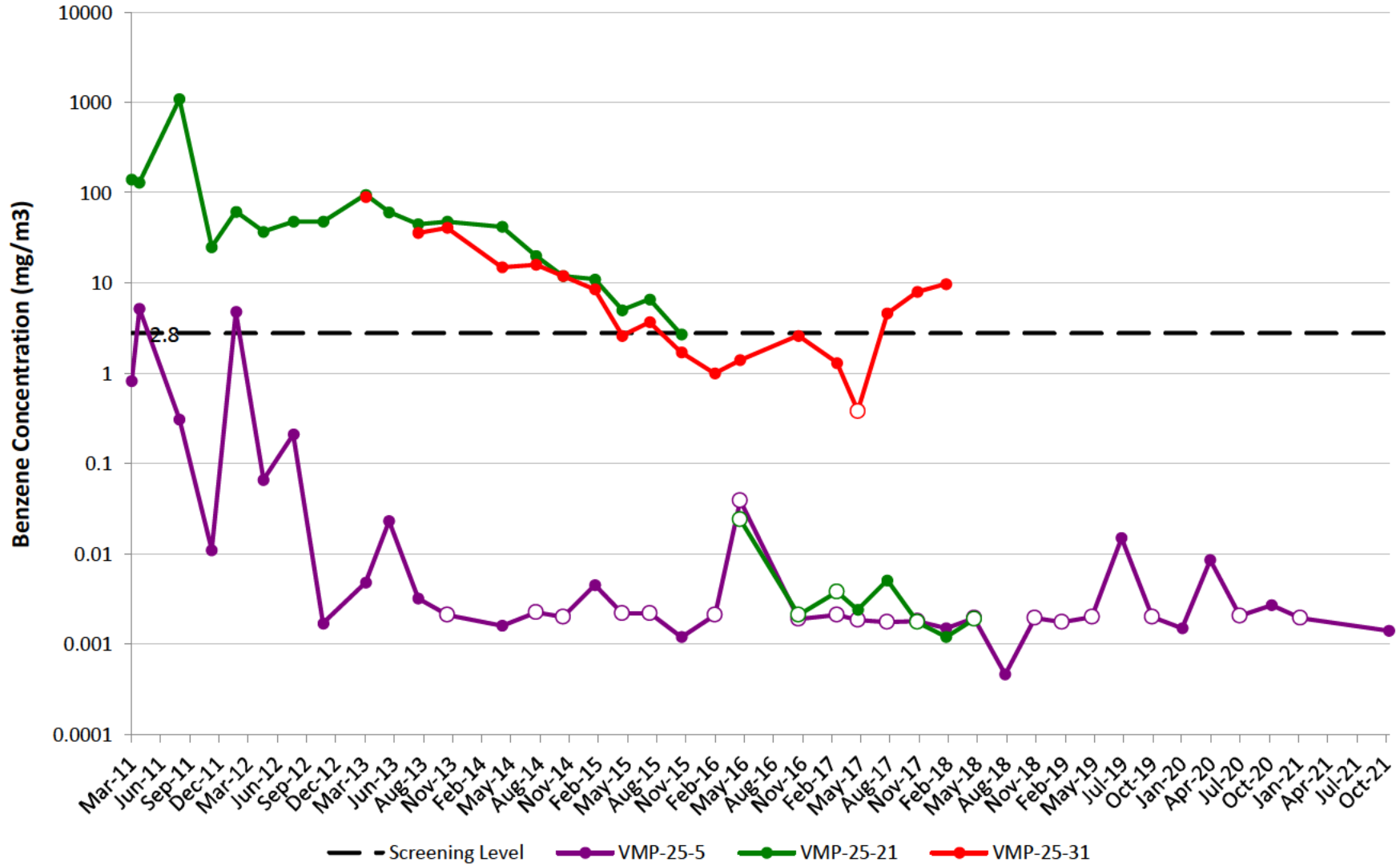
VMP-24

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



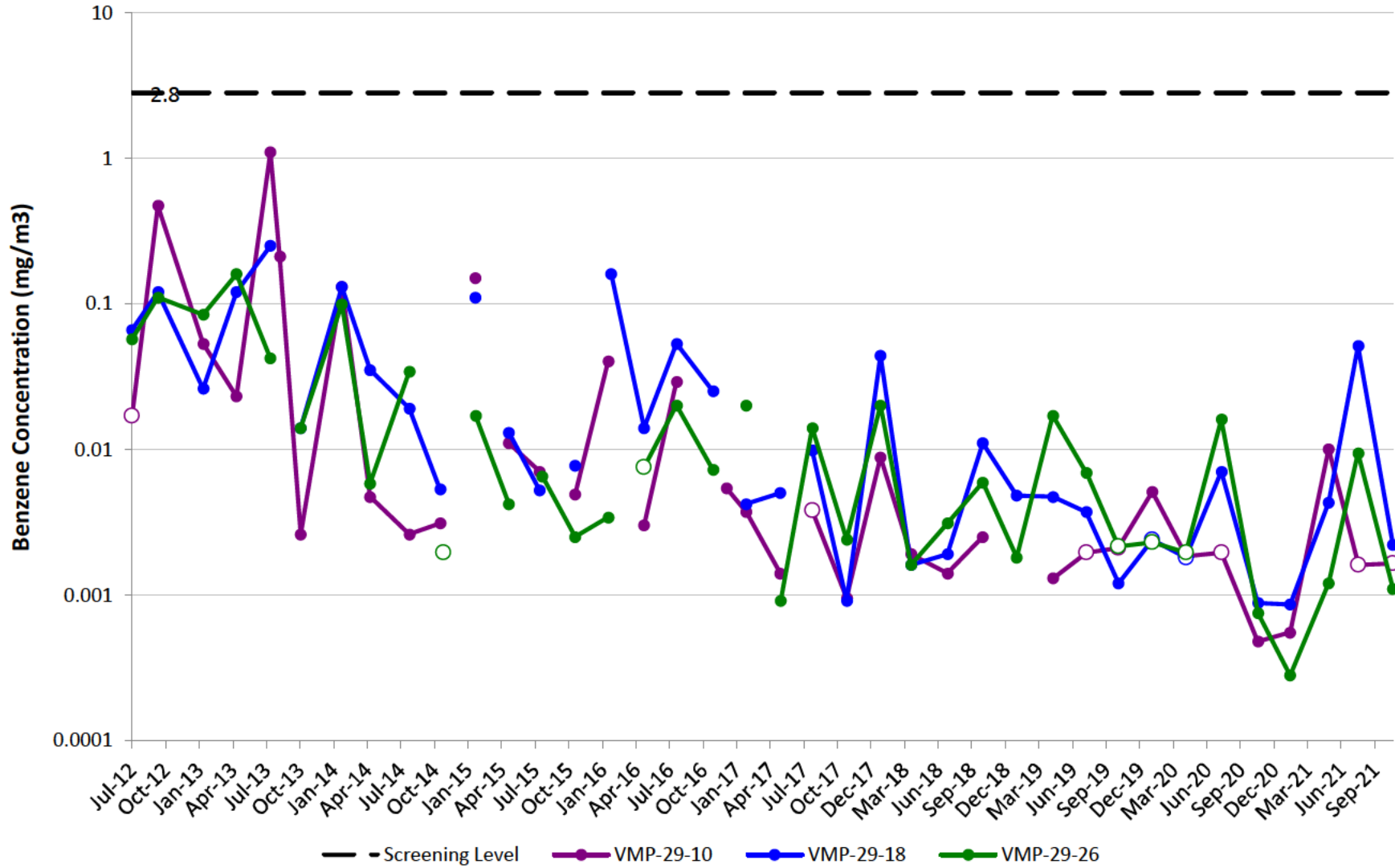
VMP-25

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
 Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.
 Effective 2Q18, samples will no longer be collected at VMP-25-31 due to port integrity.



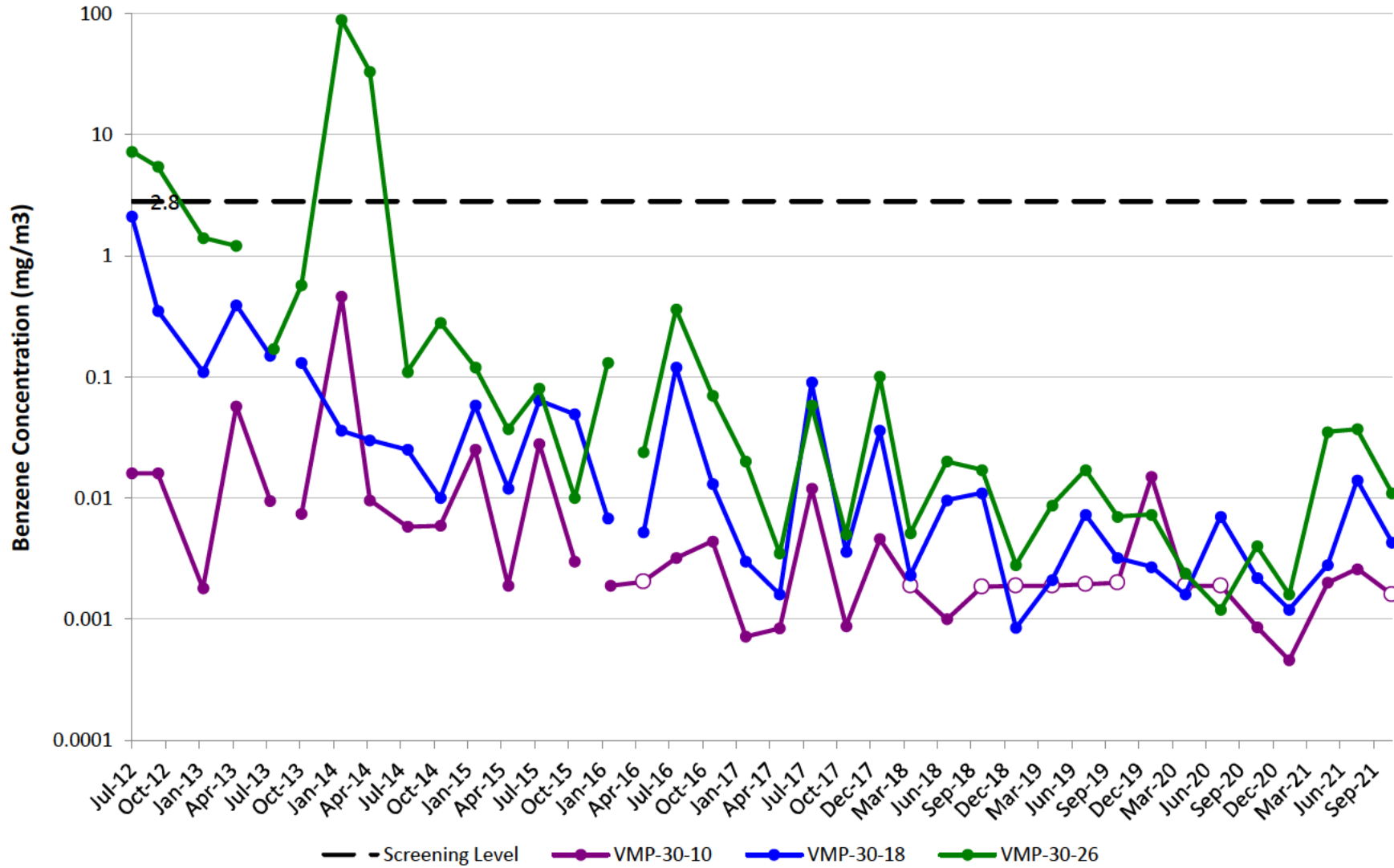
VMP-29

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



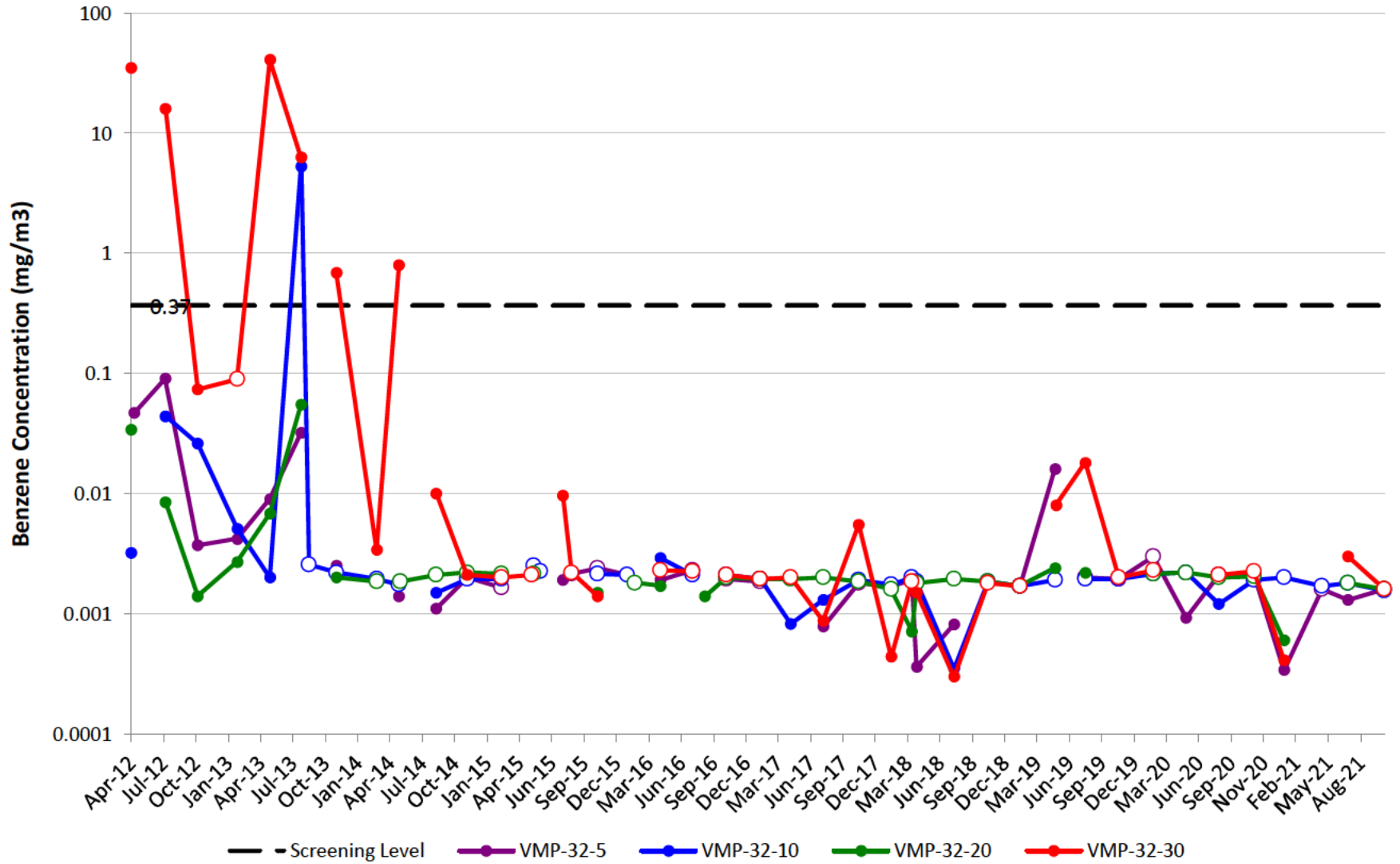
VMP-30

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



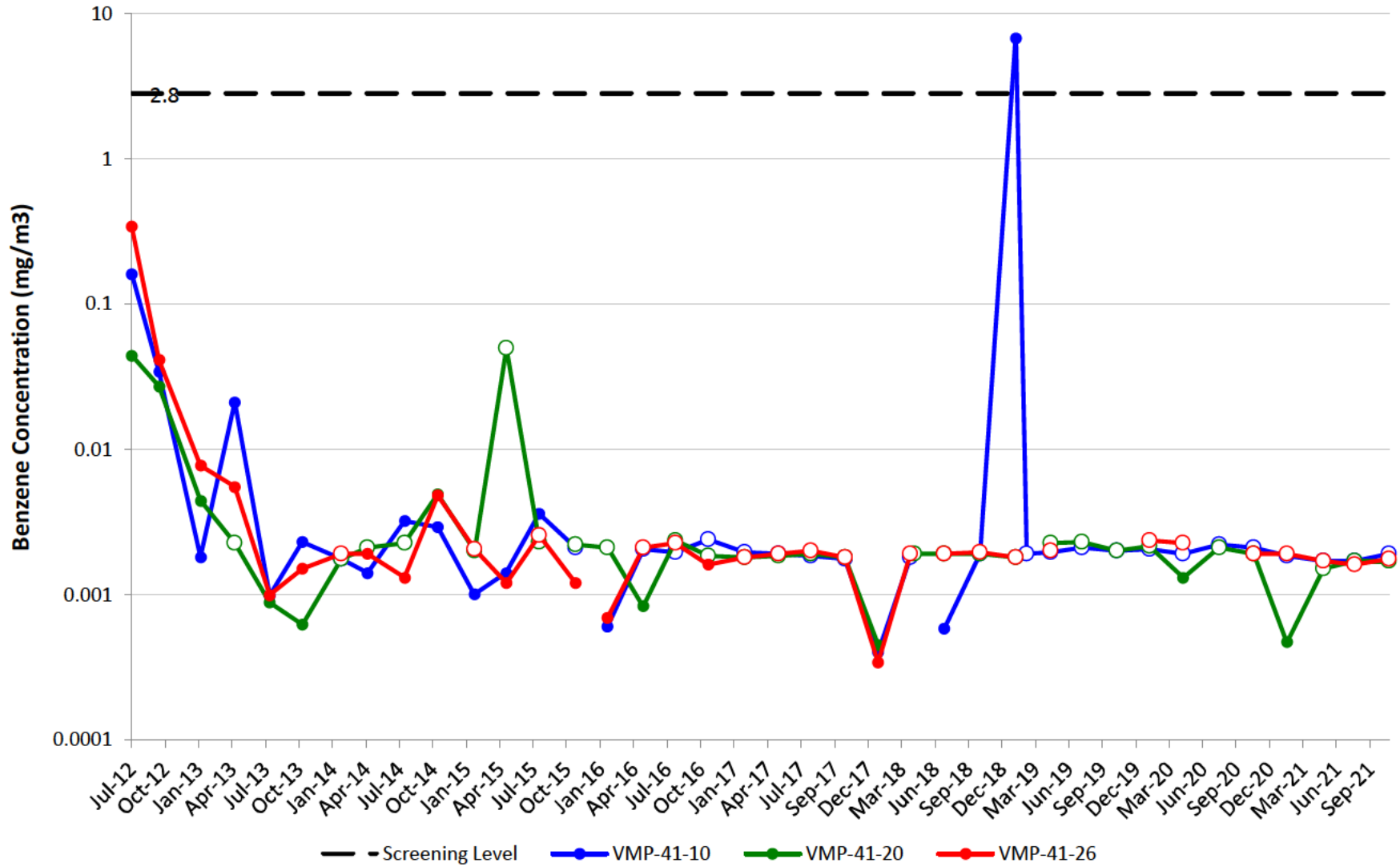
VMP-32

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



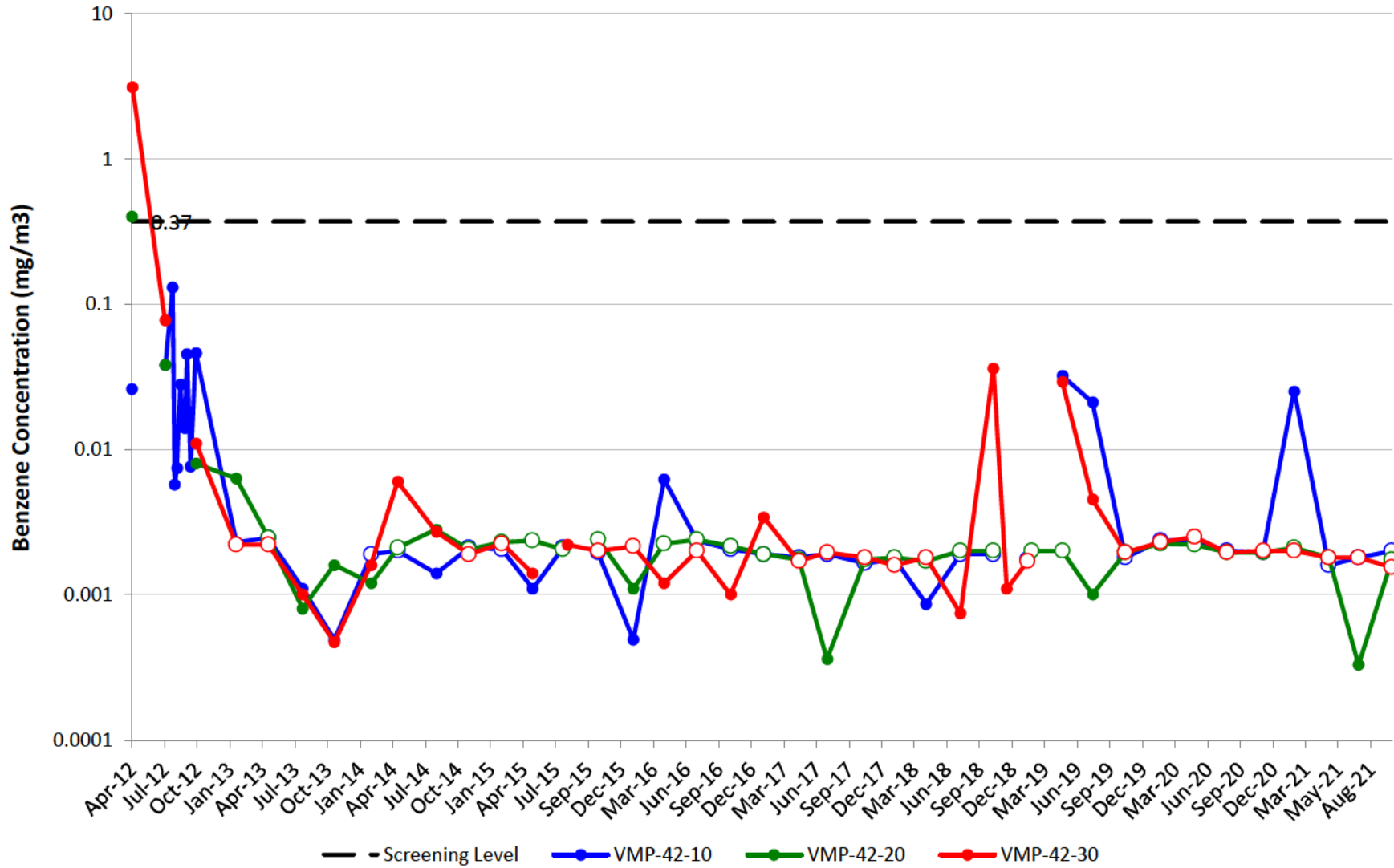
VMP-41

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



VMP-42

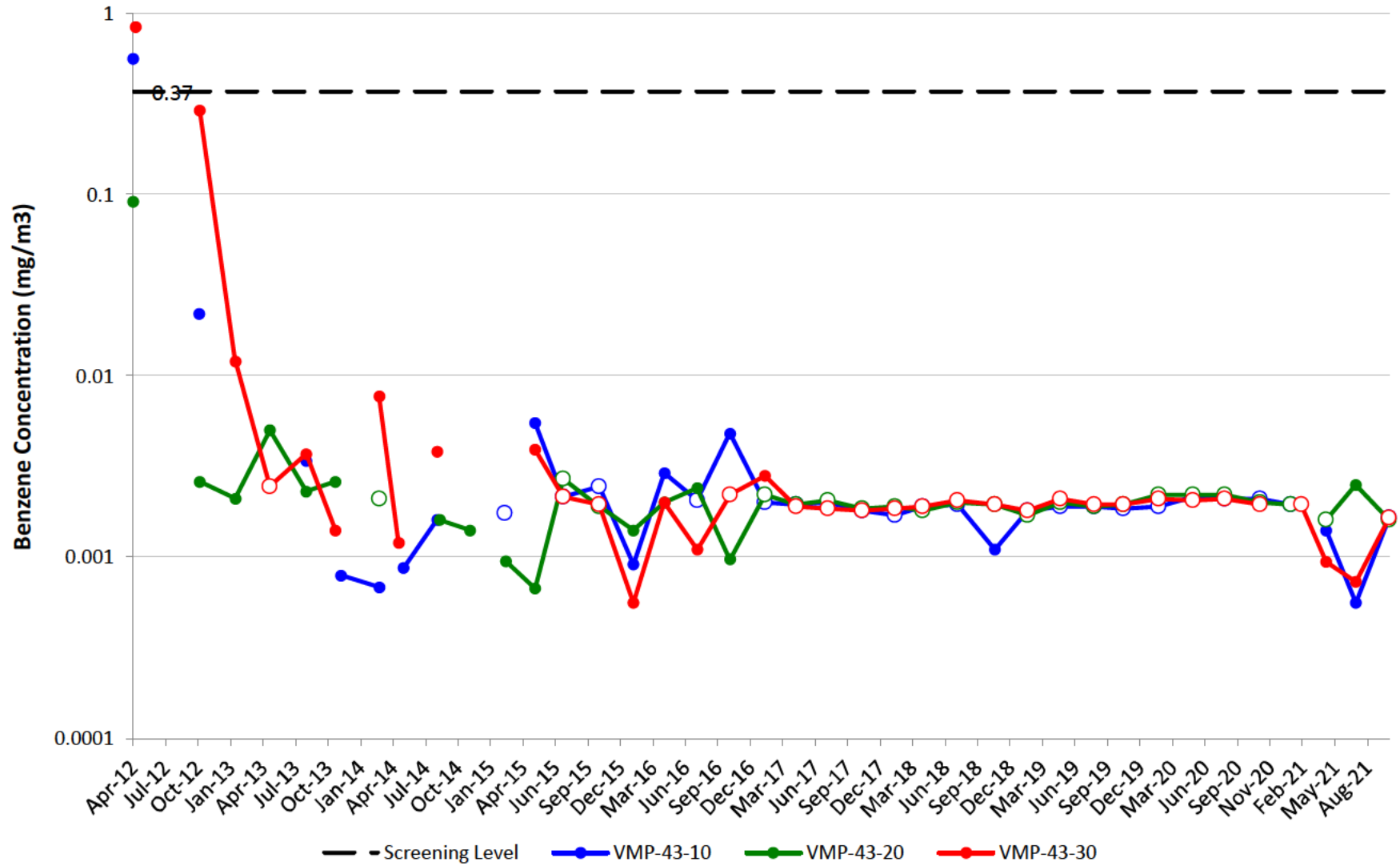
Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



VMP-43

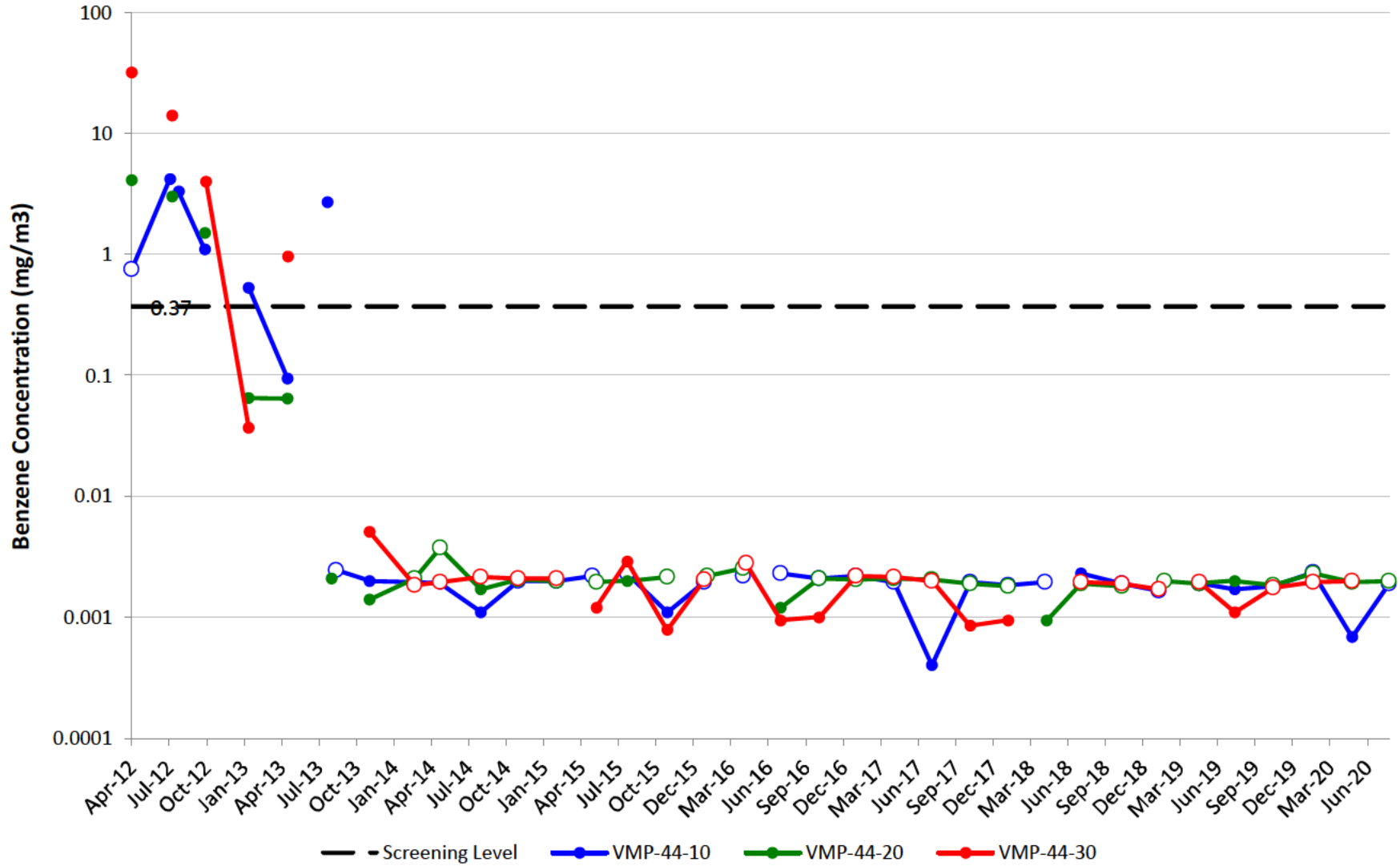
Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.

Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



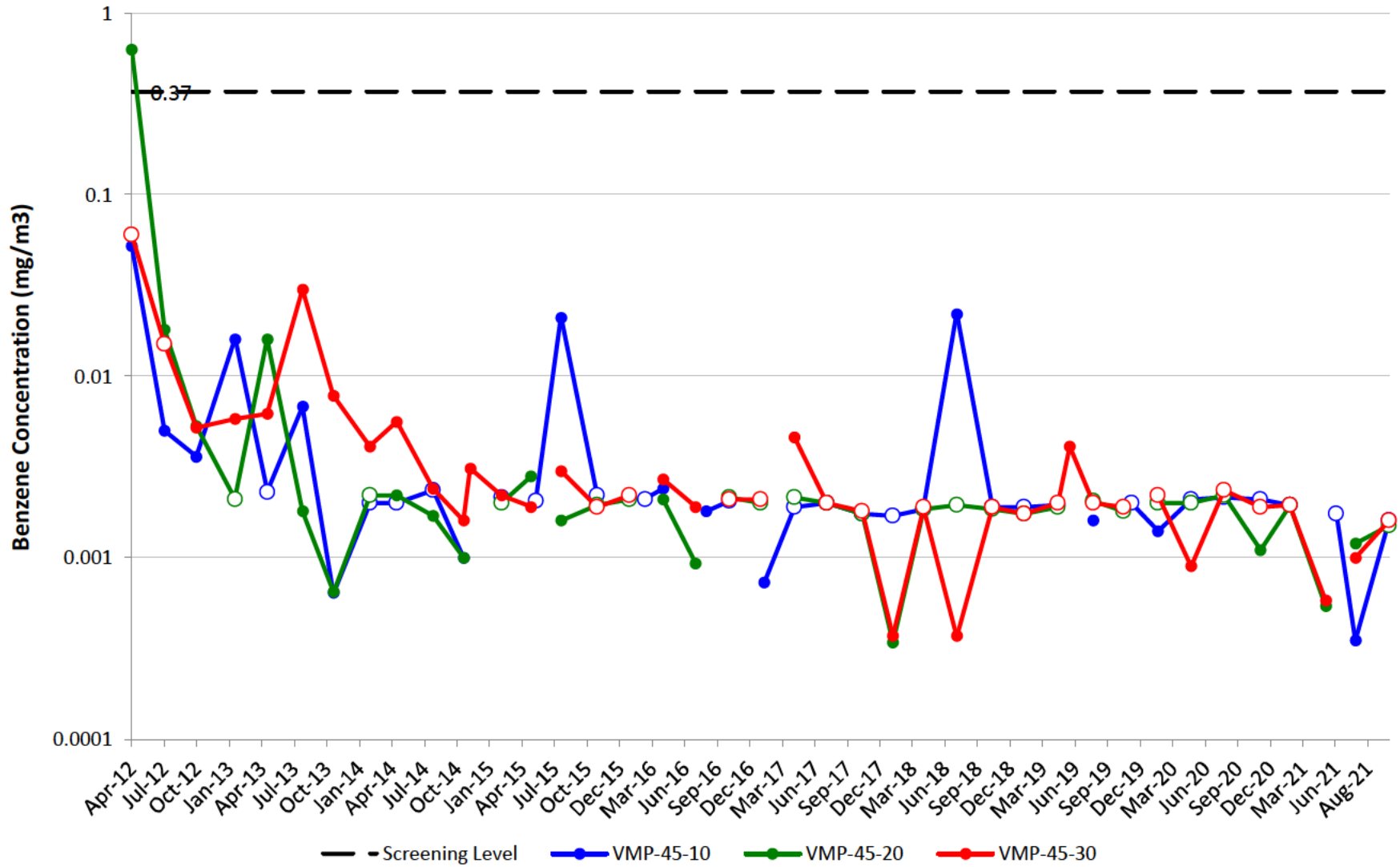
VMP-44

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.
Effective 4Q20, samples will no longer be collected at VMP-44 due to port integrity.



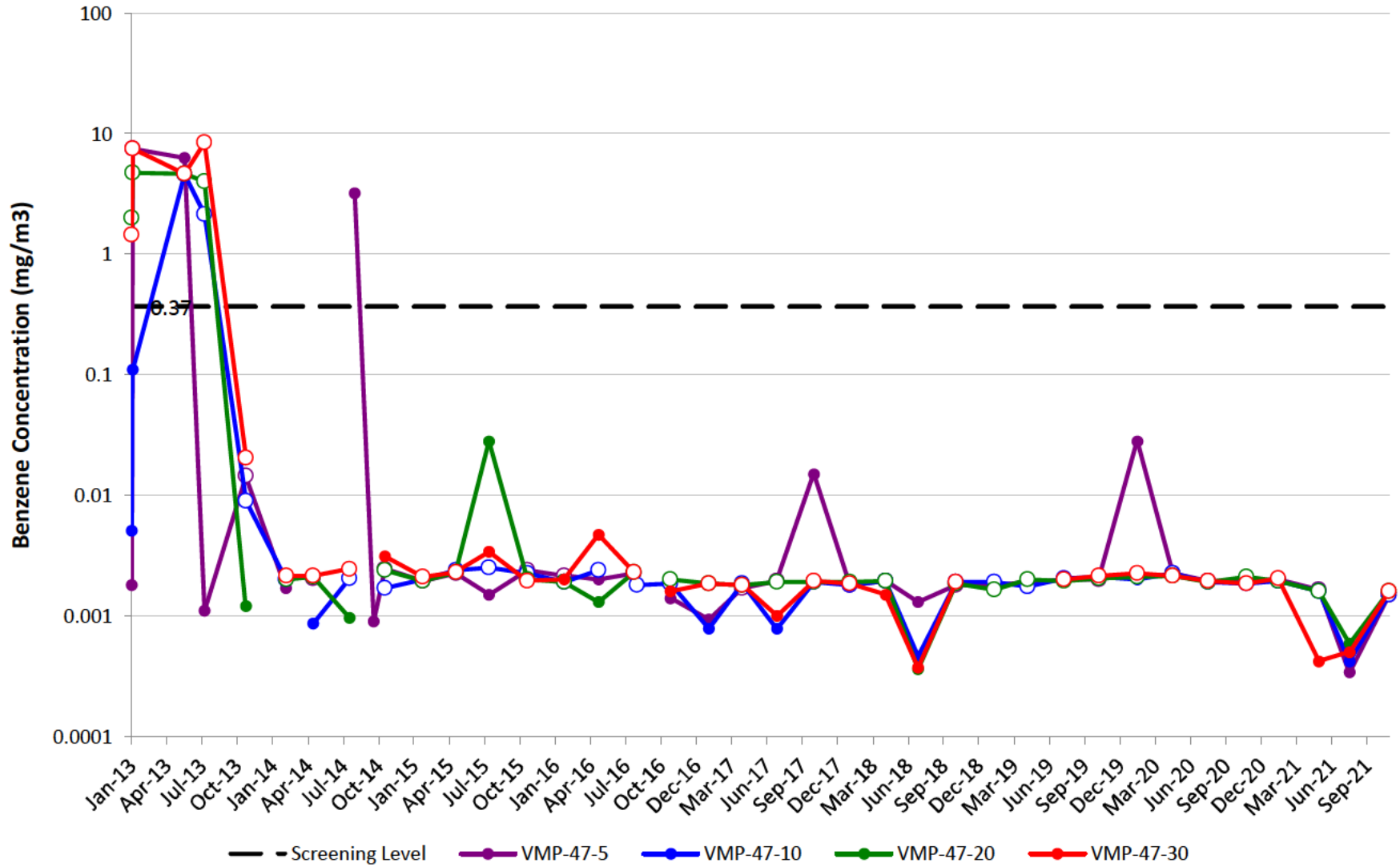
VMP-45

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



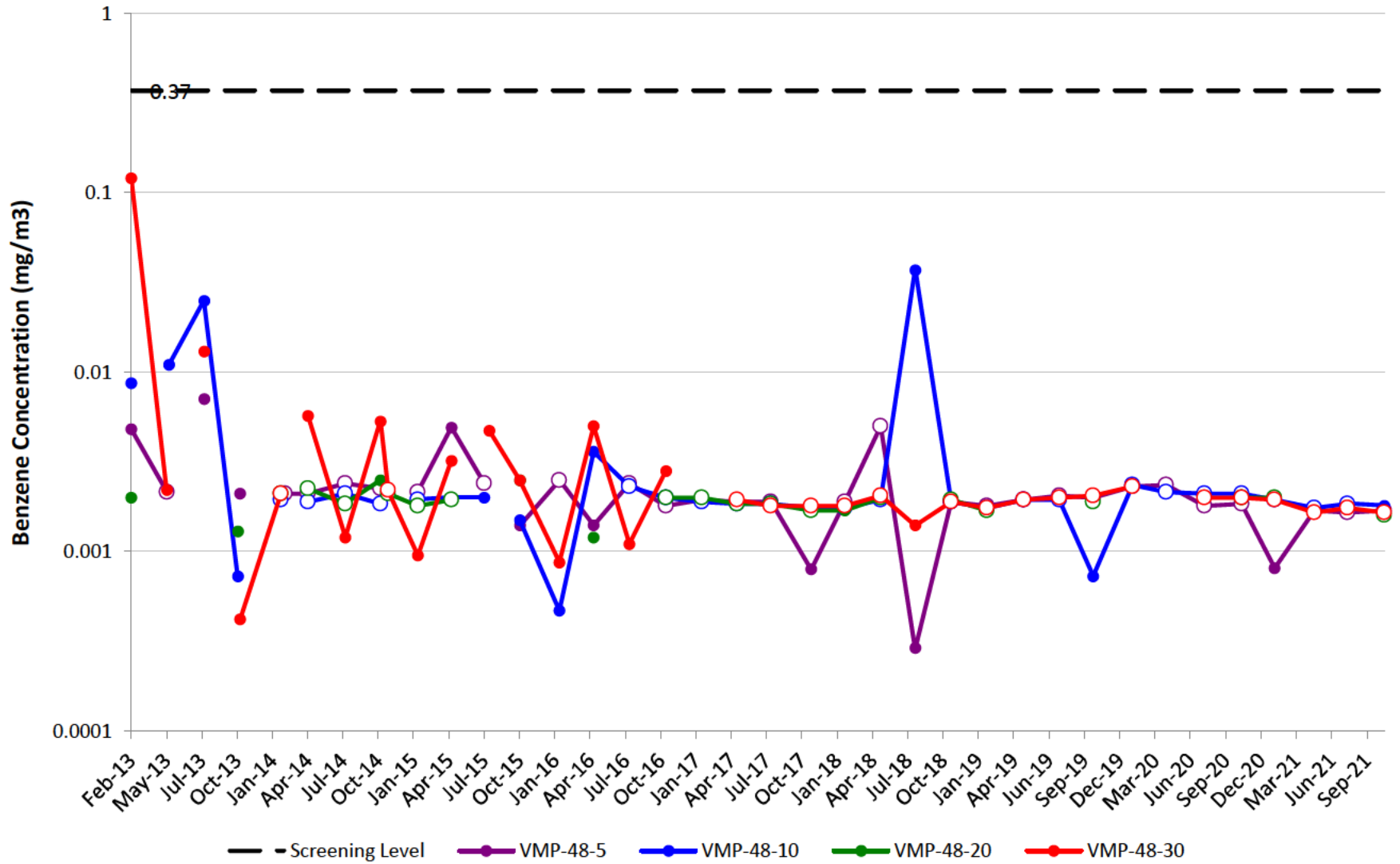
VMP-47

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



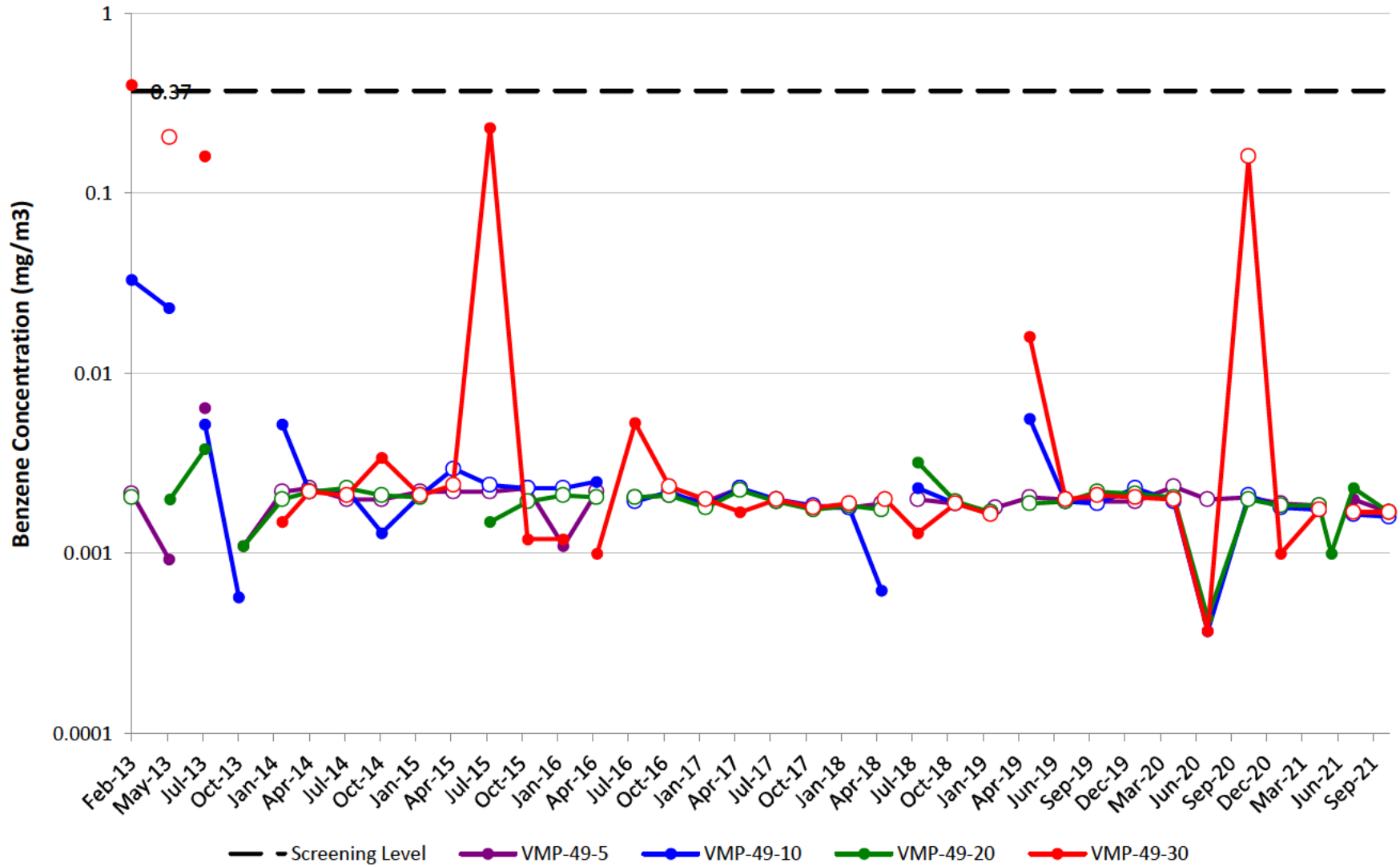
VMP-48

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



VMP-49

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.

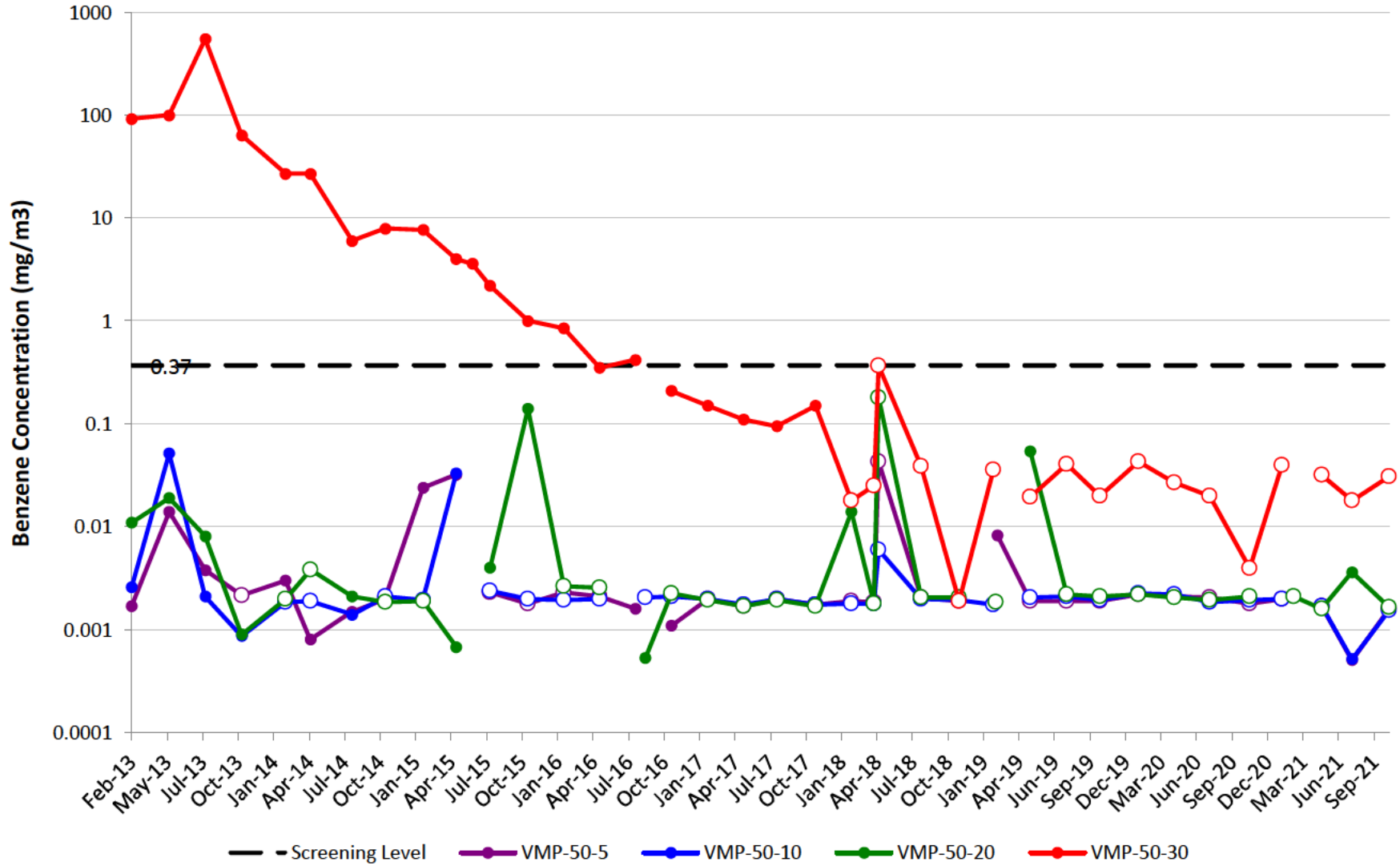


VMP-50

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.

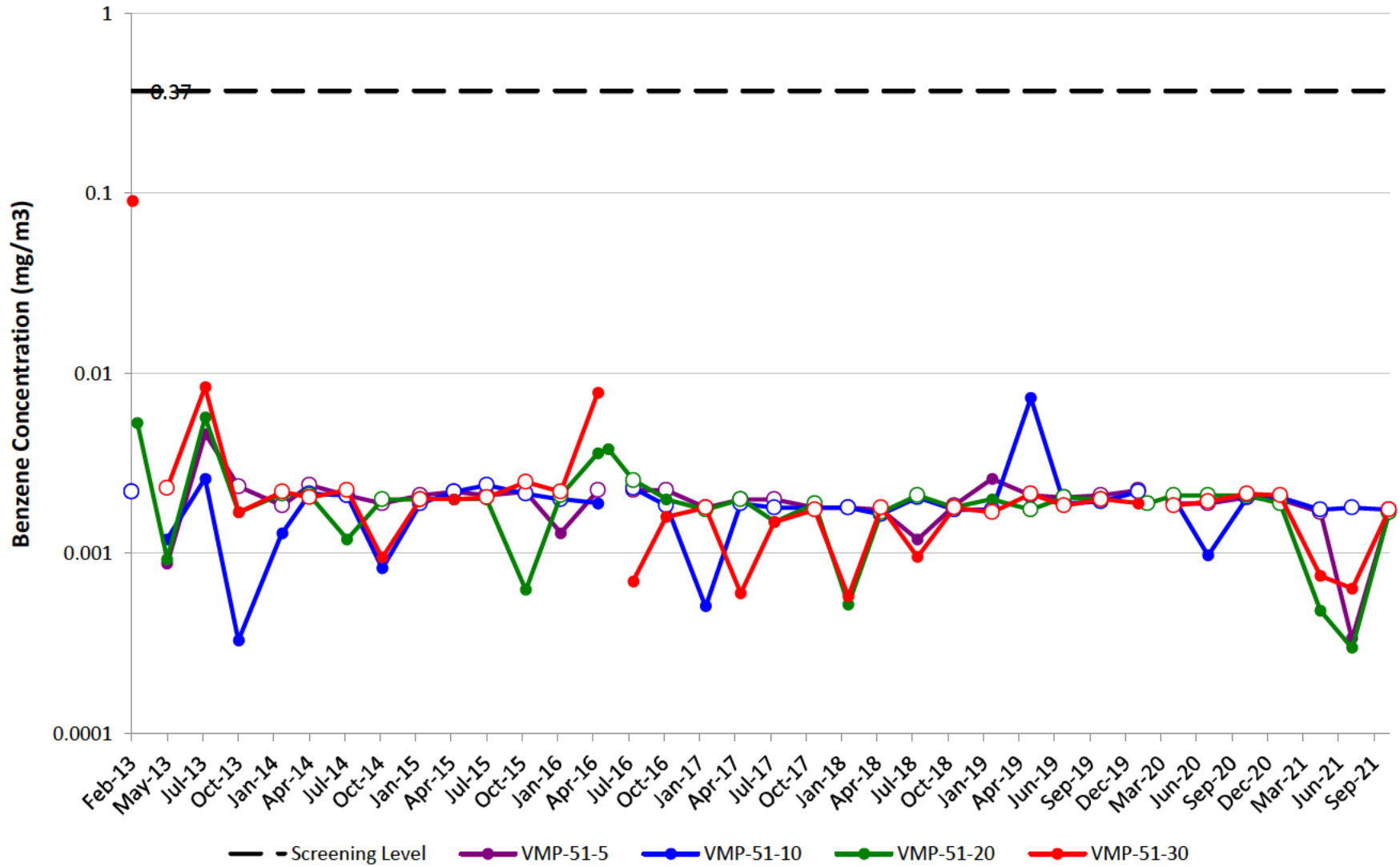
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.

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



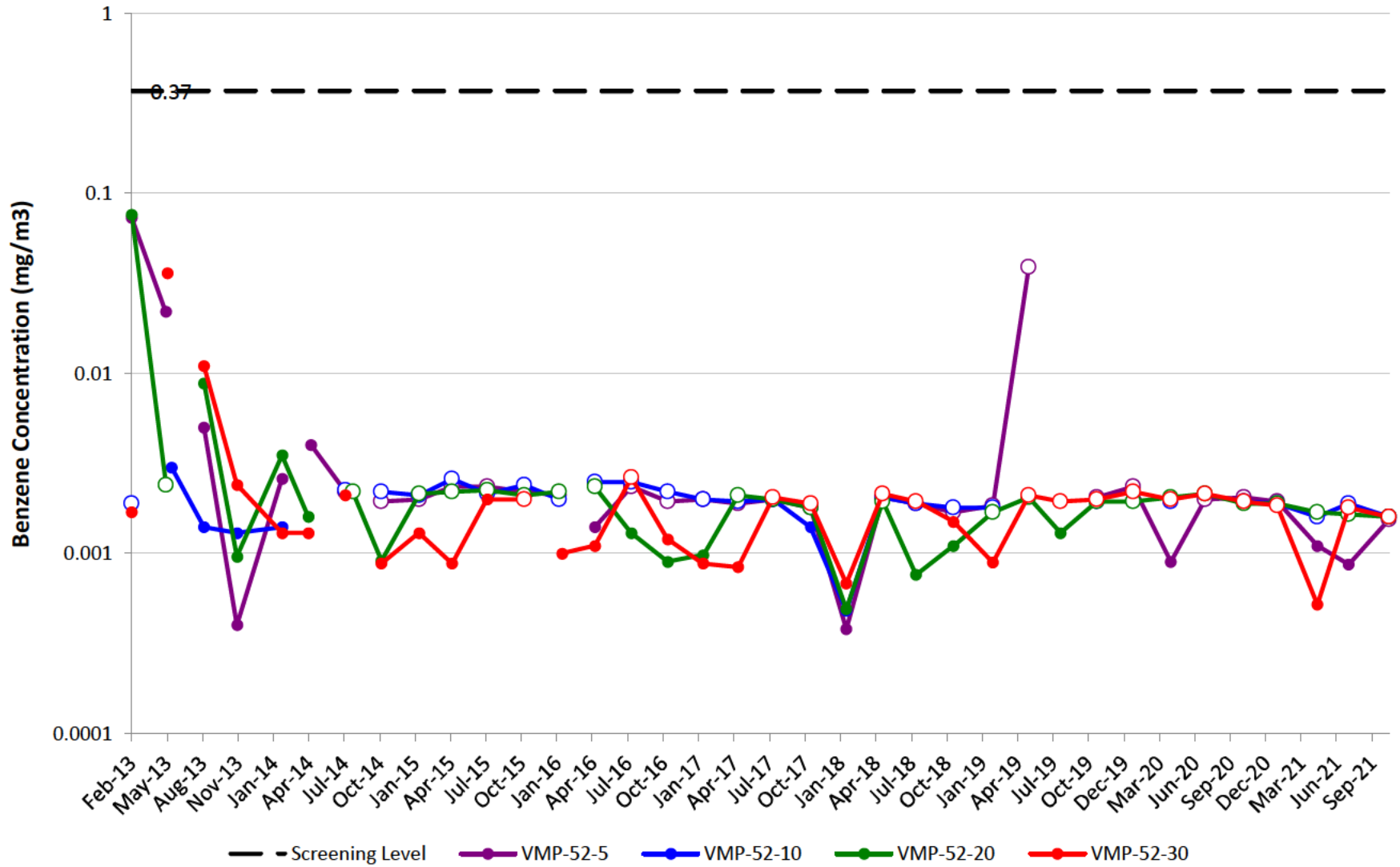
VMP-51

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



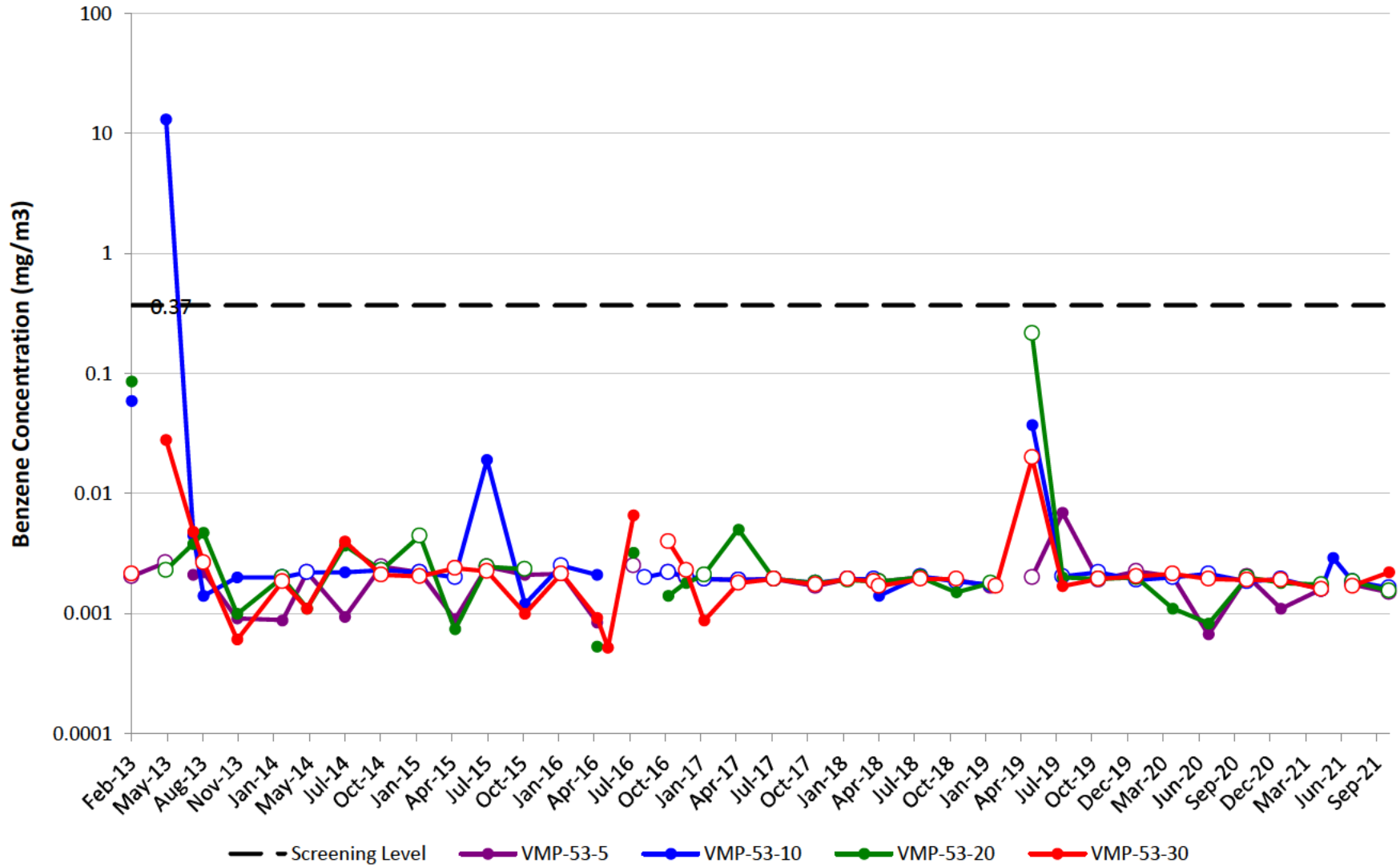
VMP-52

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



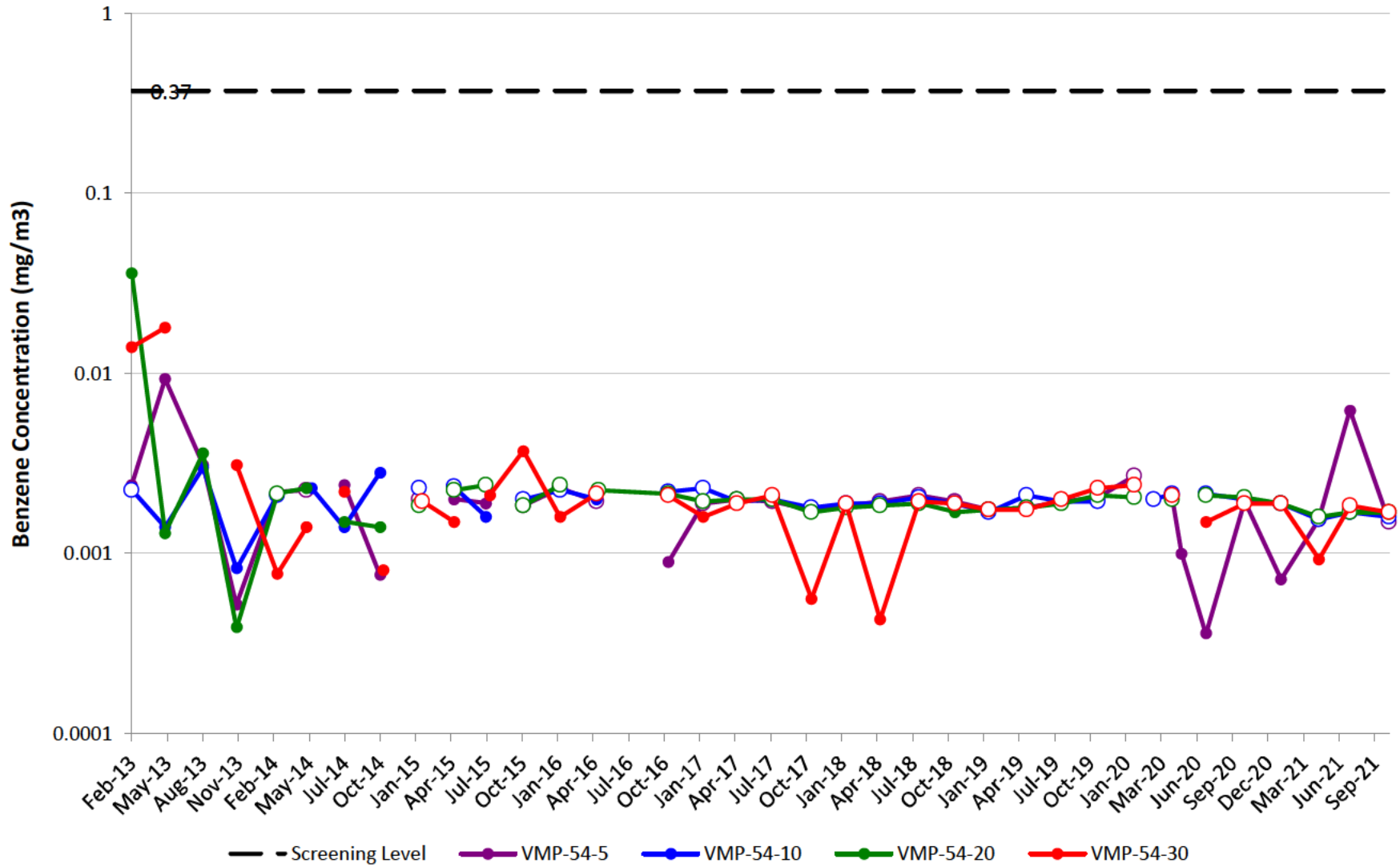
VMP-53

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



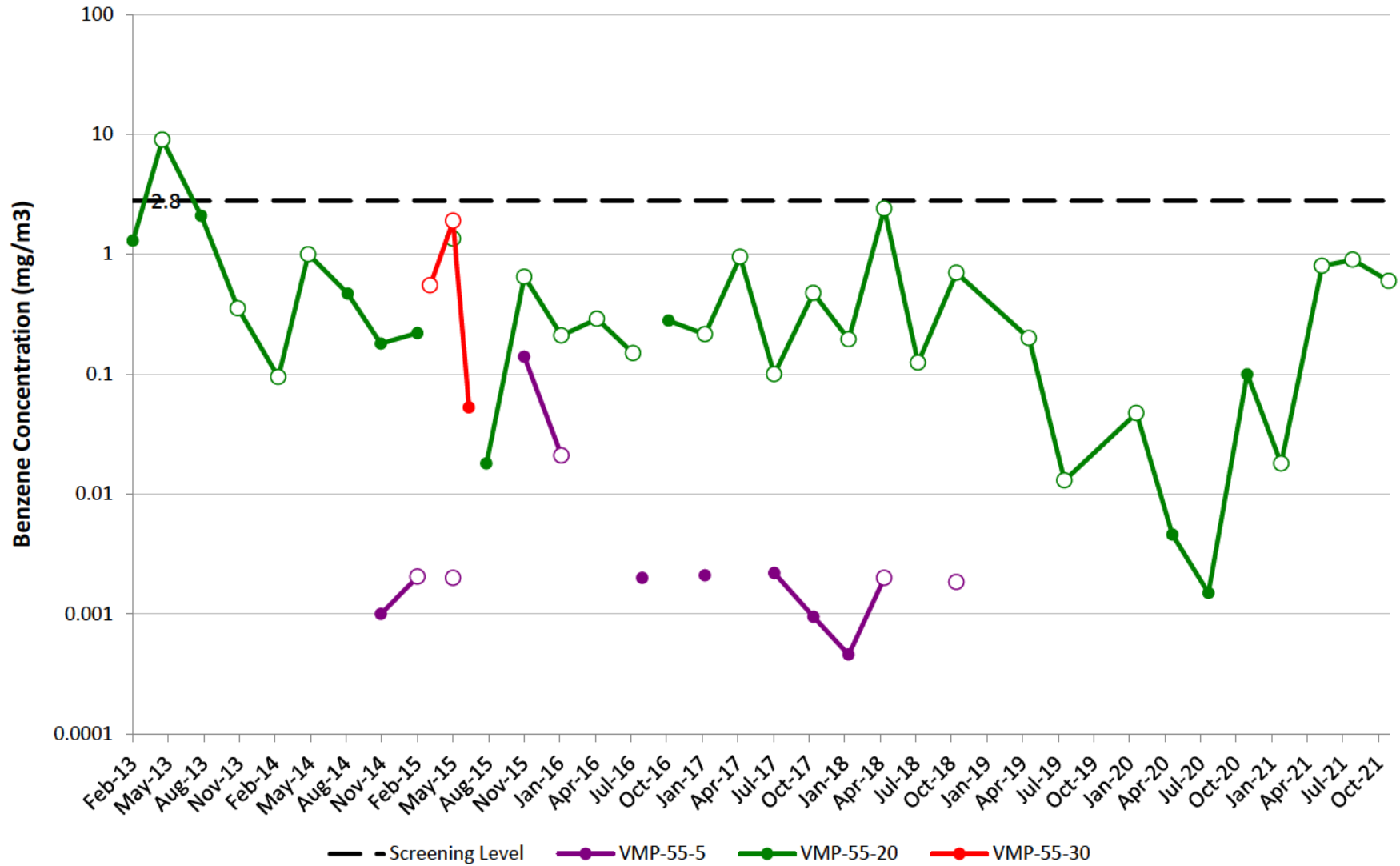
VMP-54

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



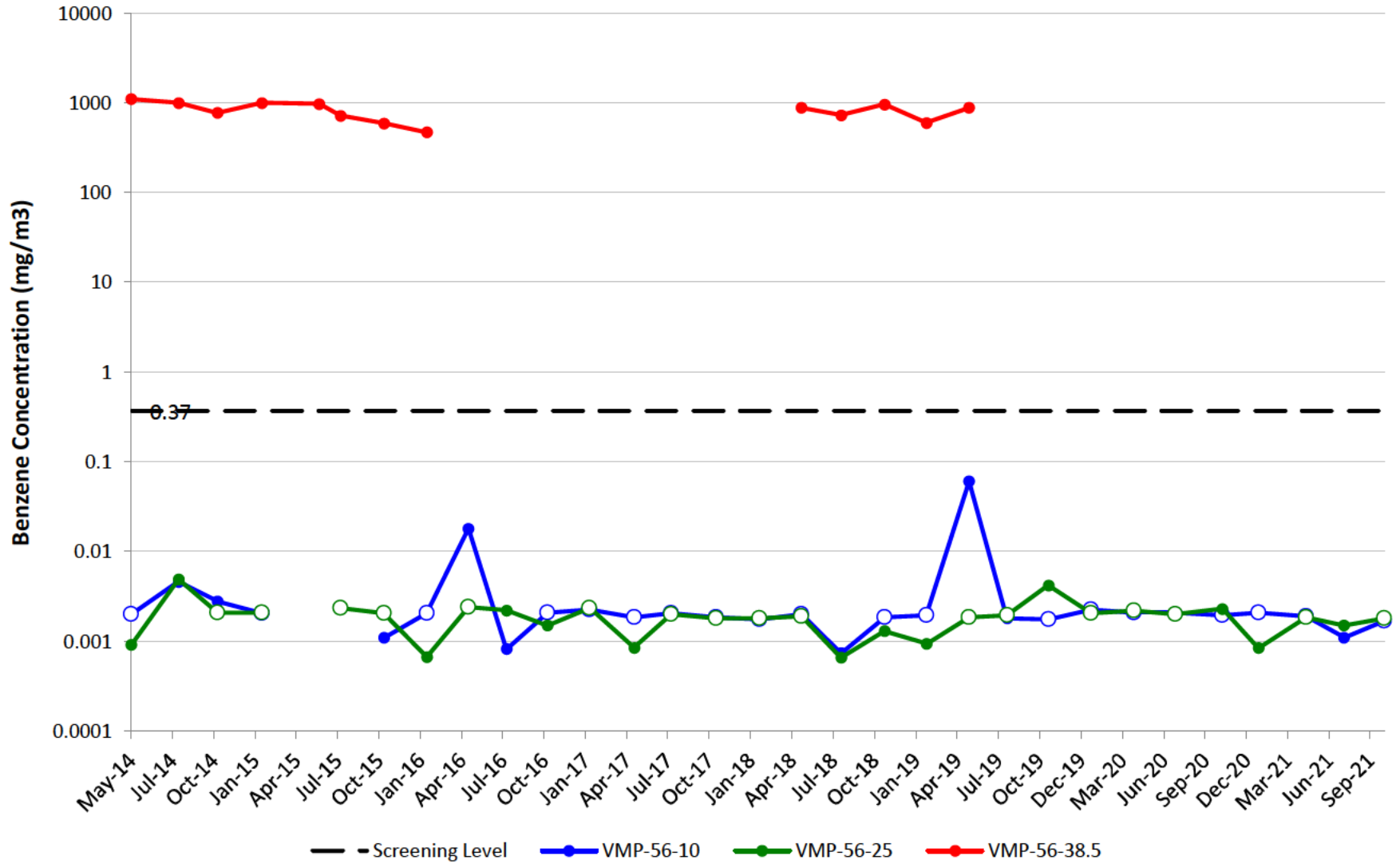
VMP-55

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



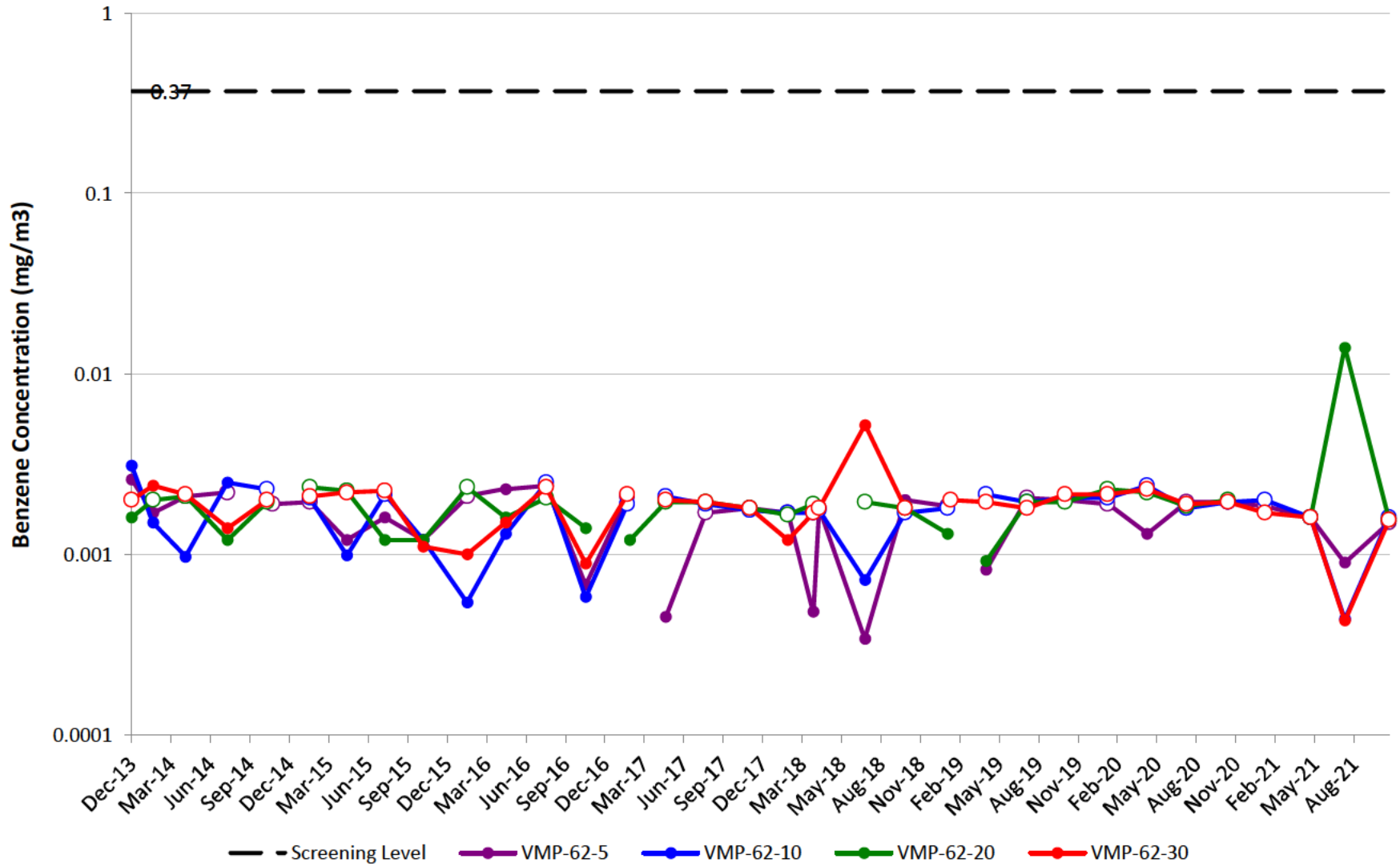
VMP-56

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



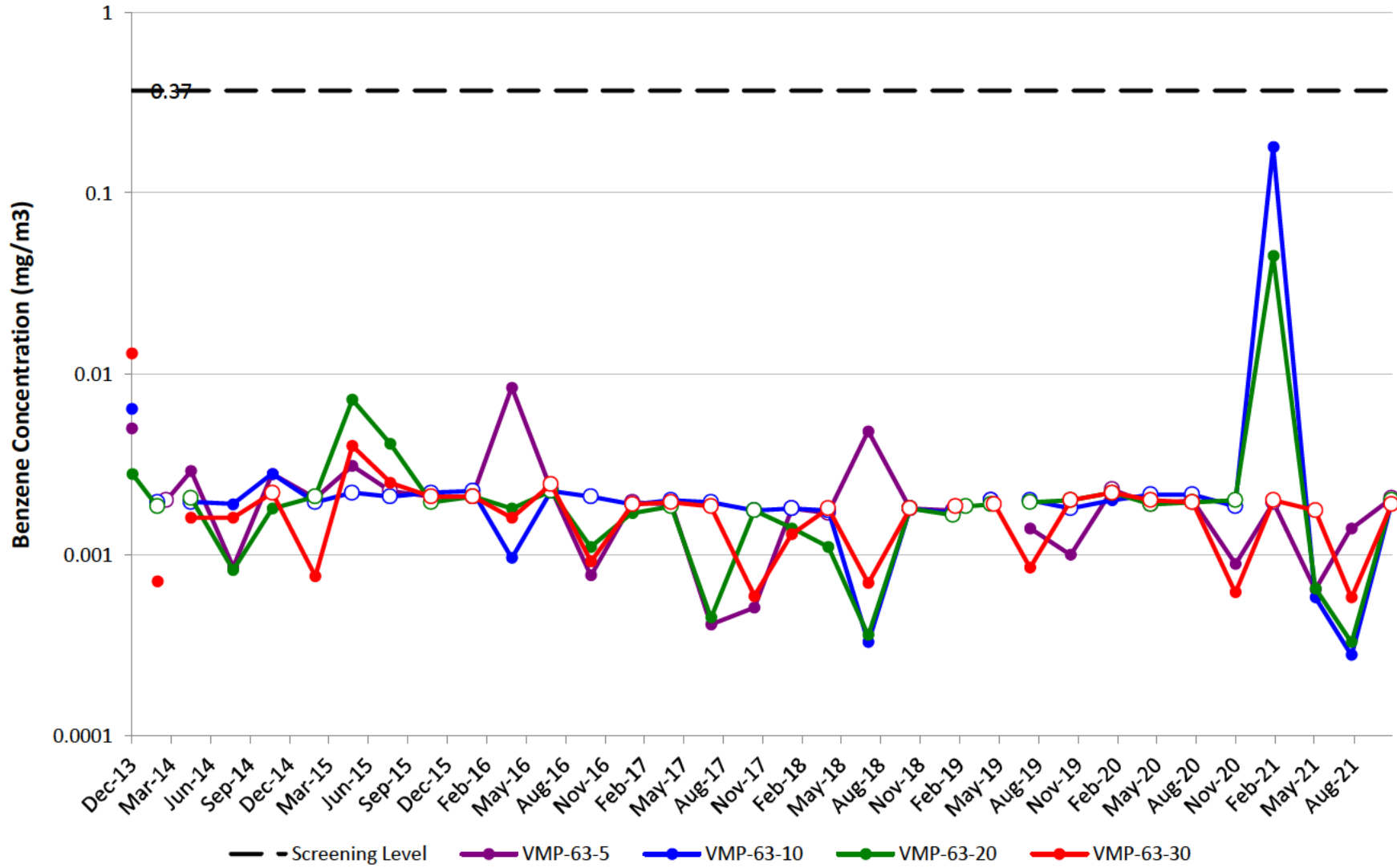
VMP-62

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



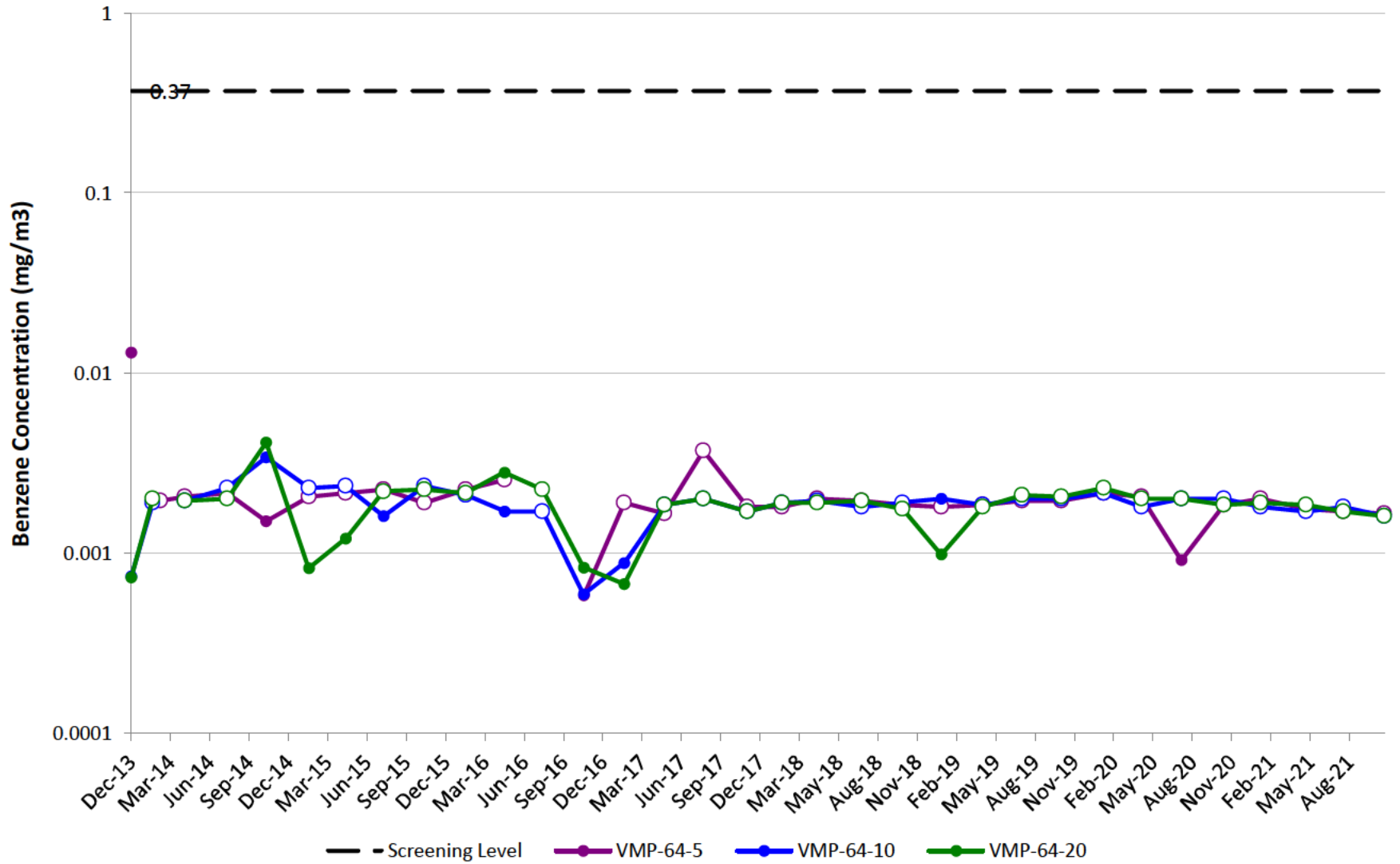
VMP-63

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



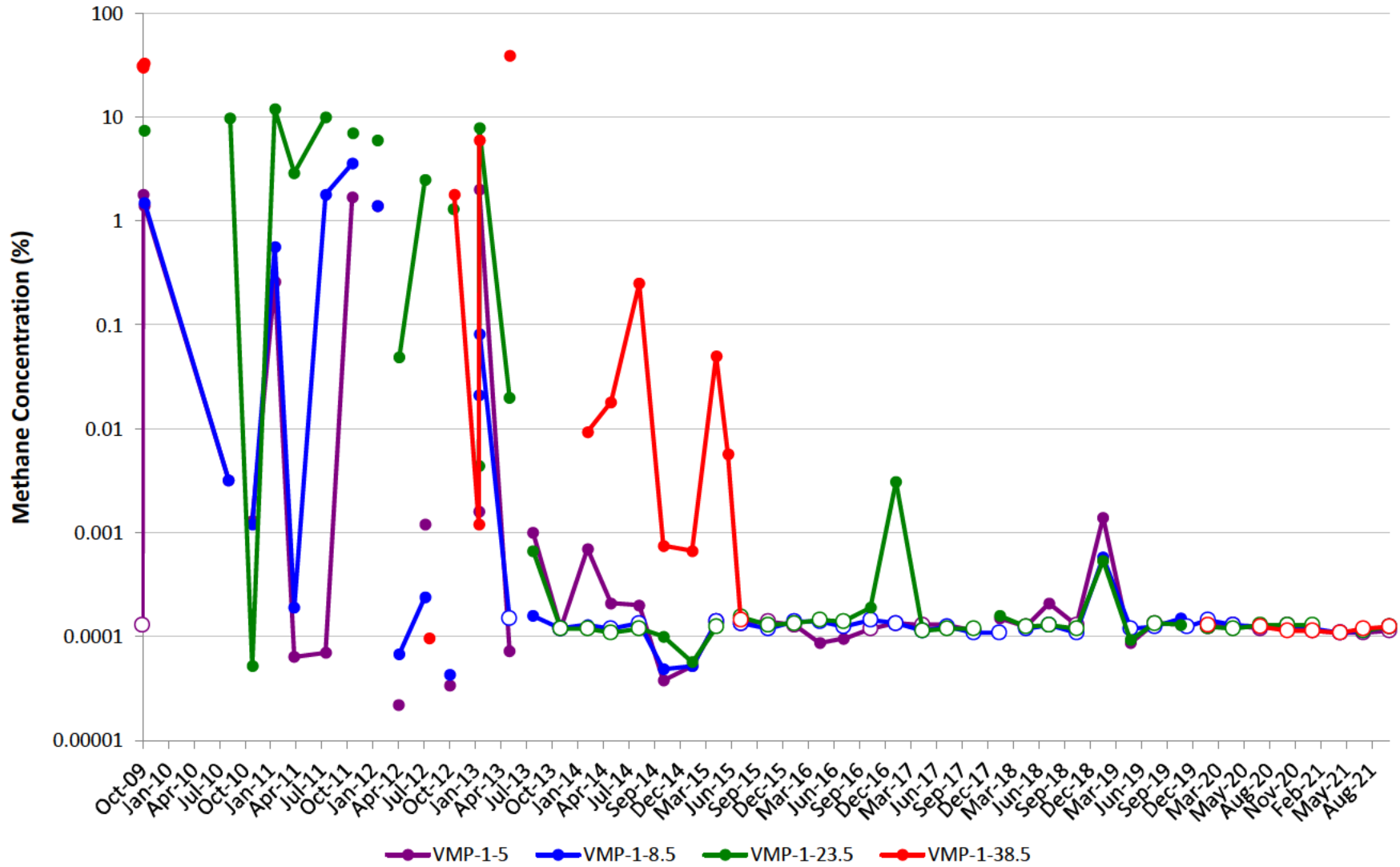
VMP-64

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



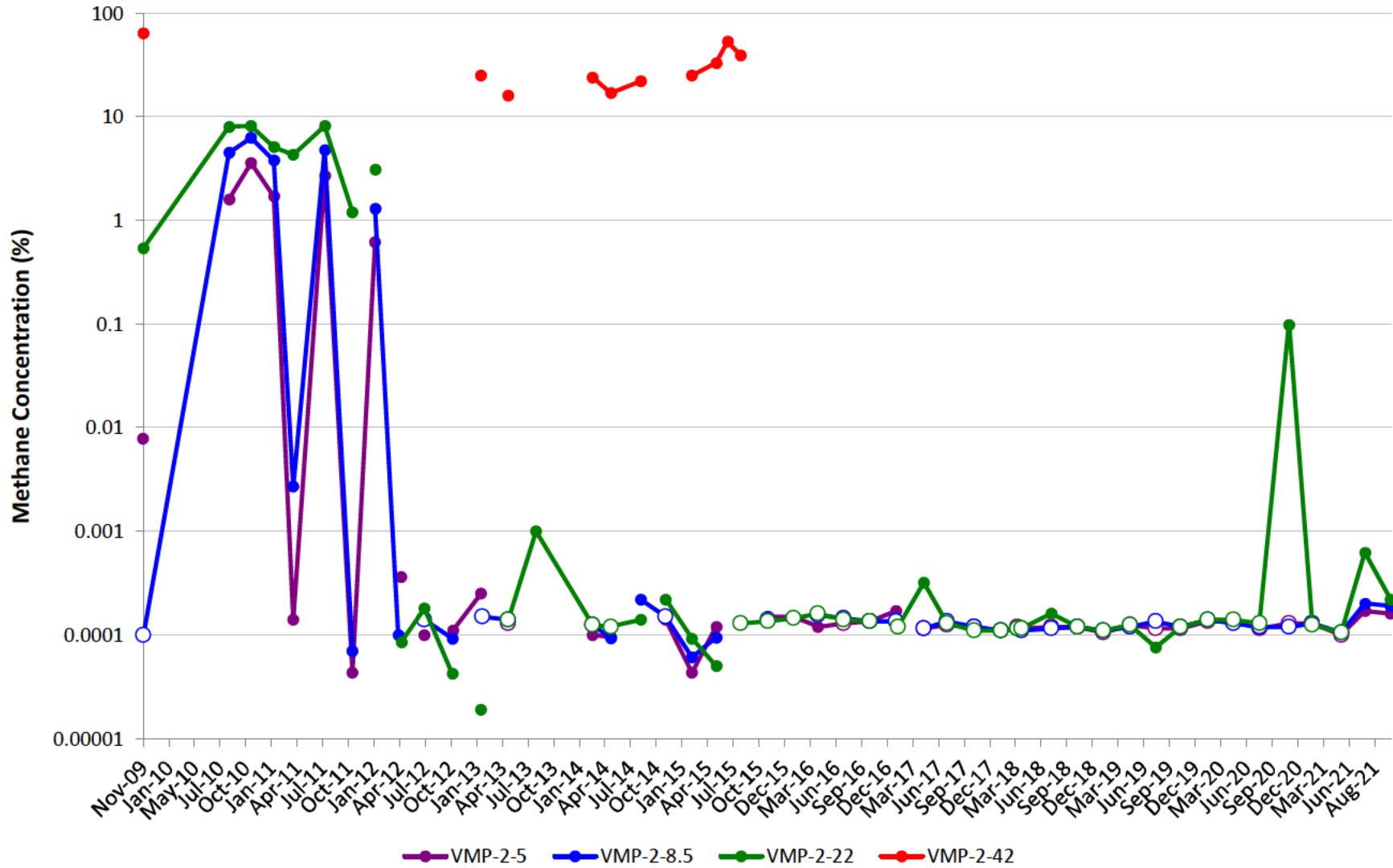
VMP-1

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



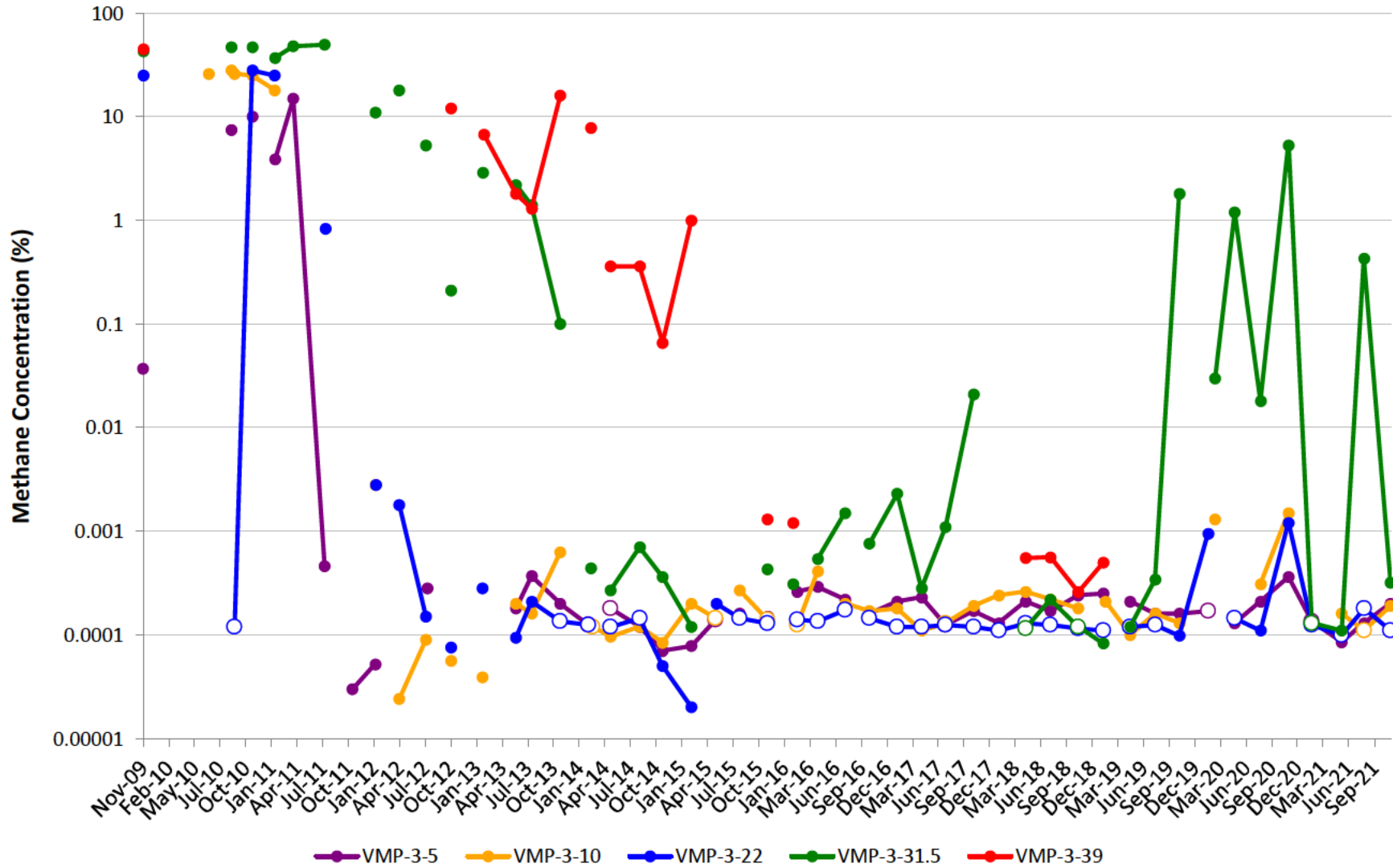
VMP-2

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



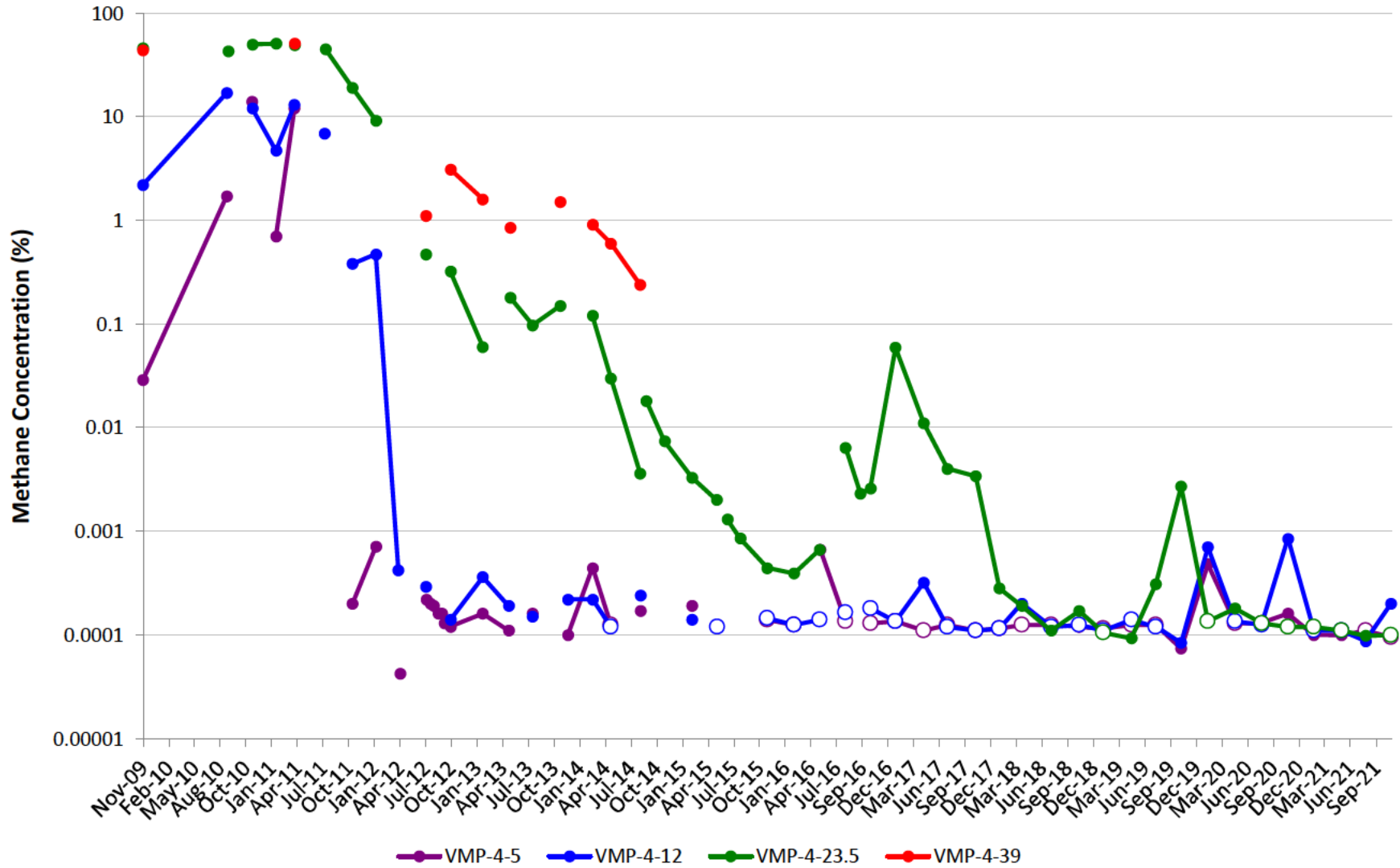
VMP-3

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



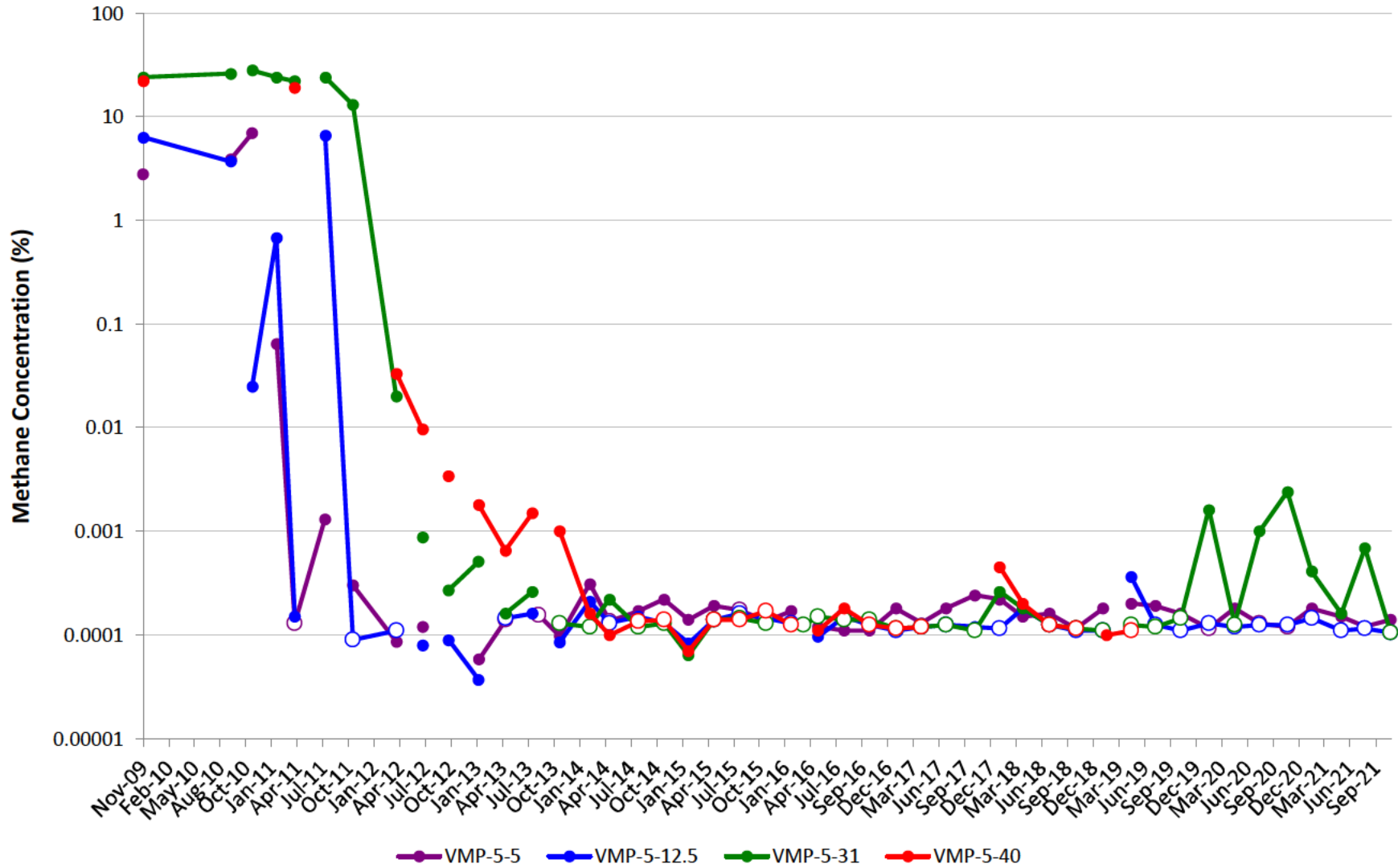
VMP-4

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



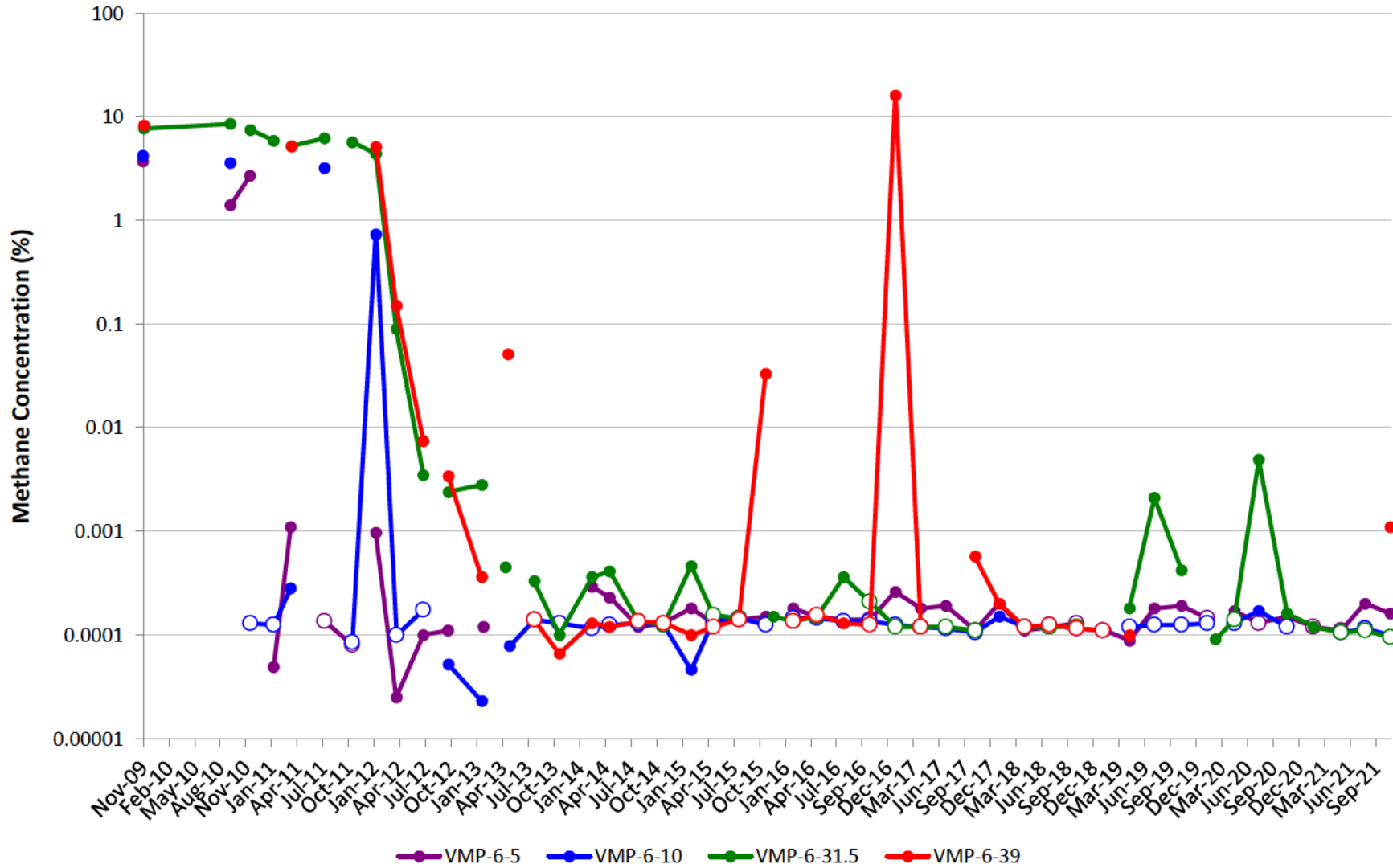
VMP-5

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



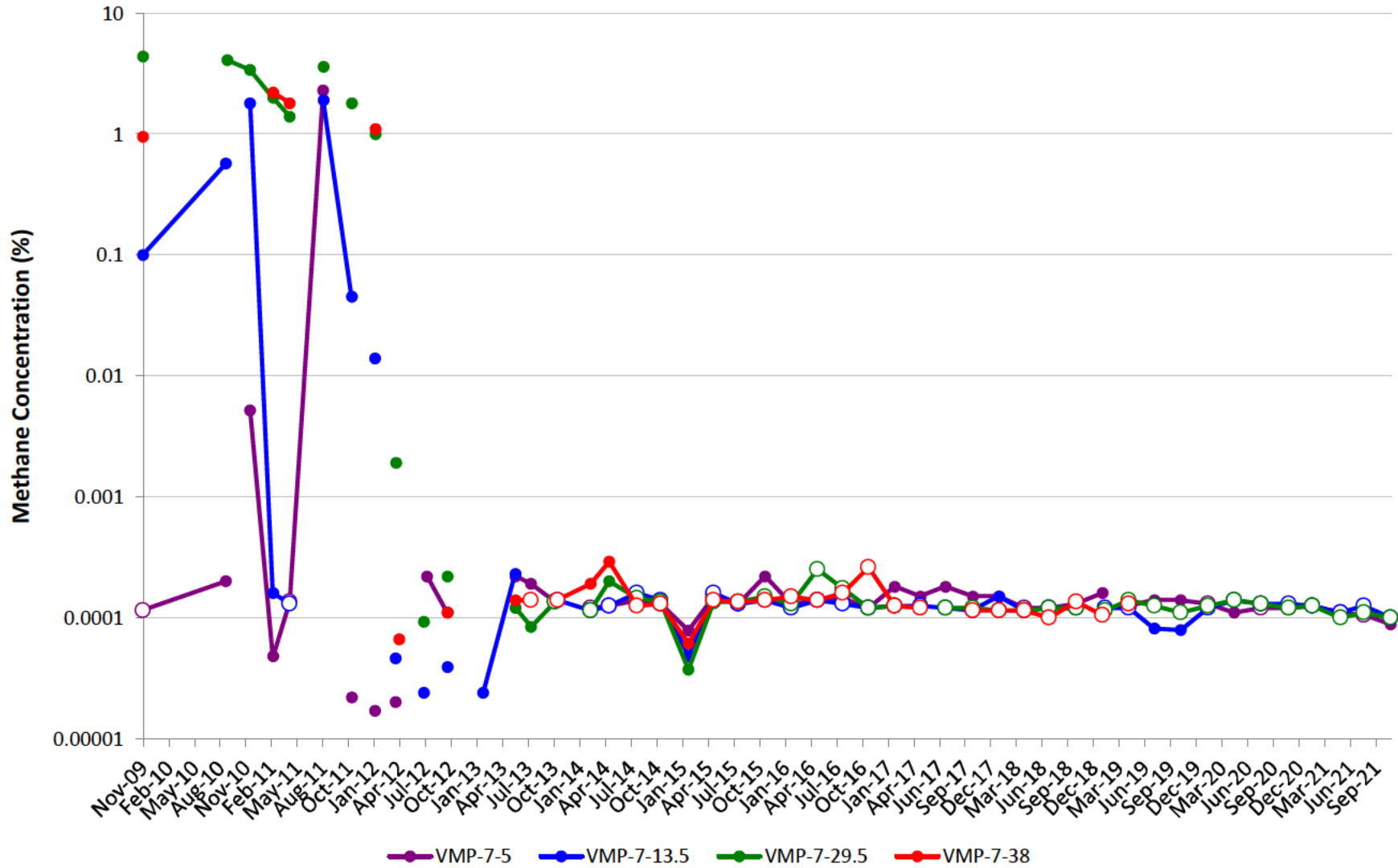
VMP-6

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



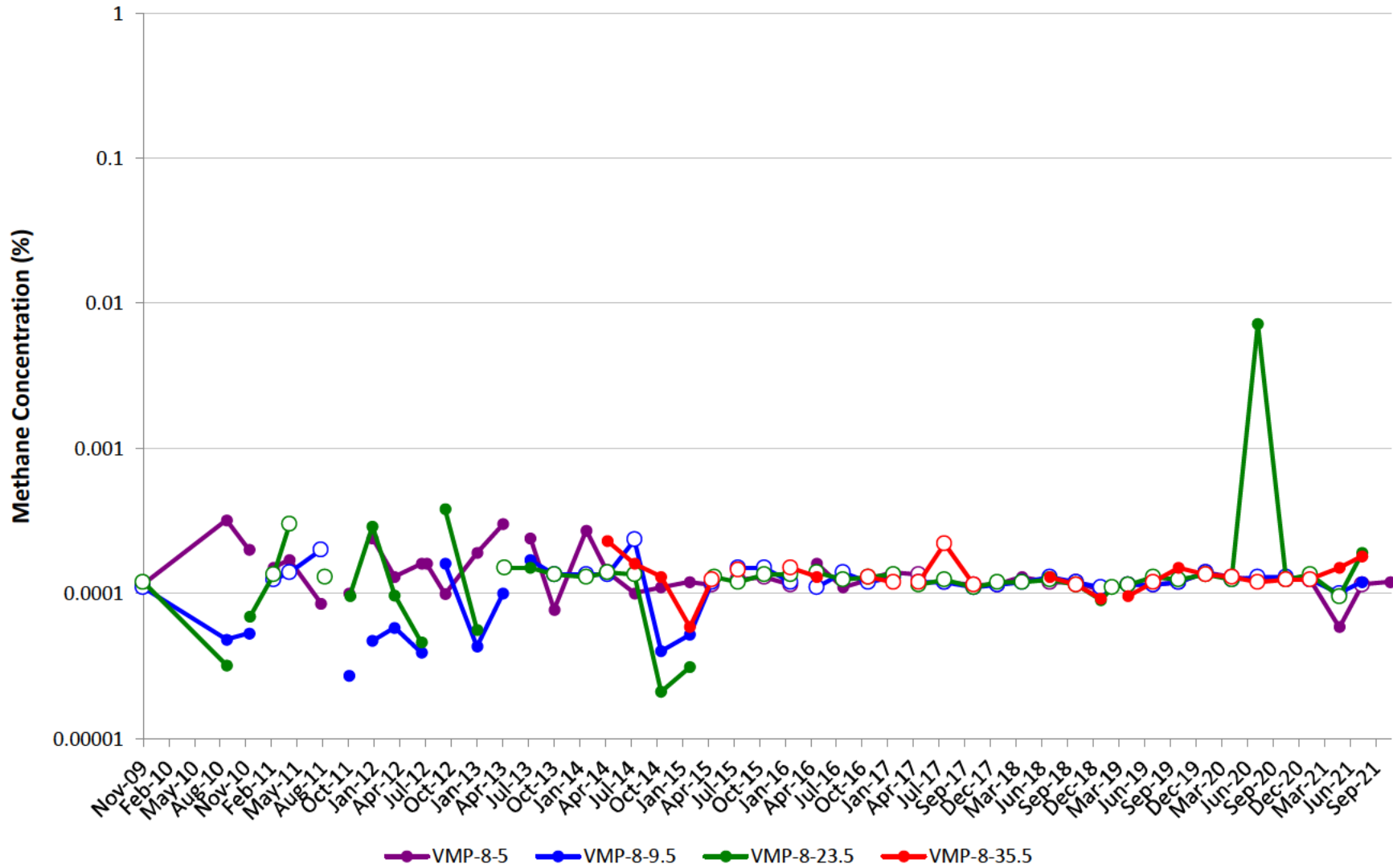
VMP-7

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



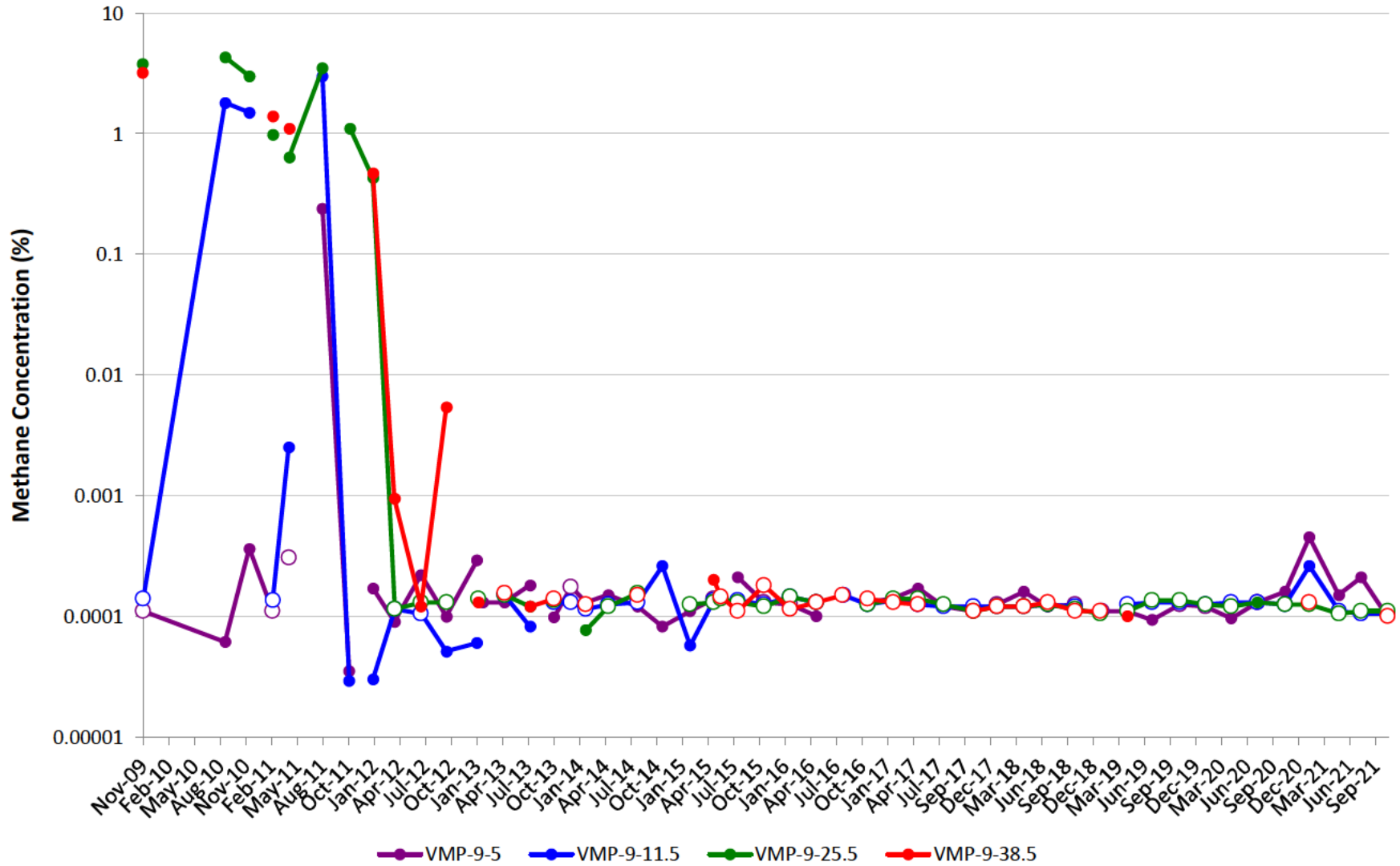
VMP-8

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



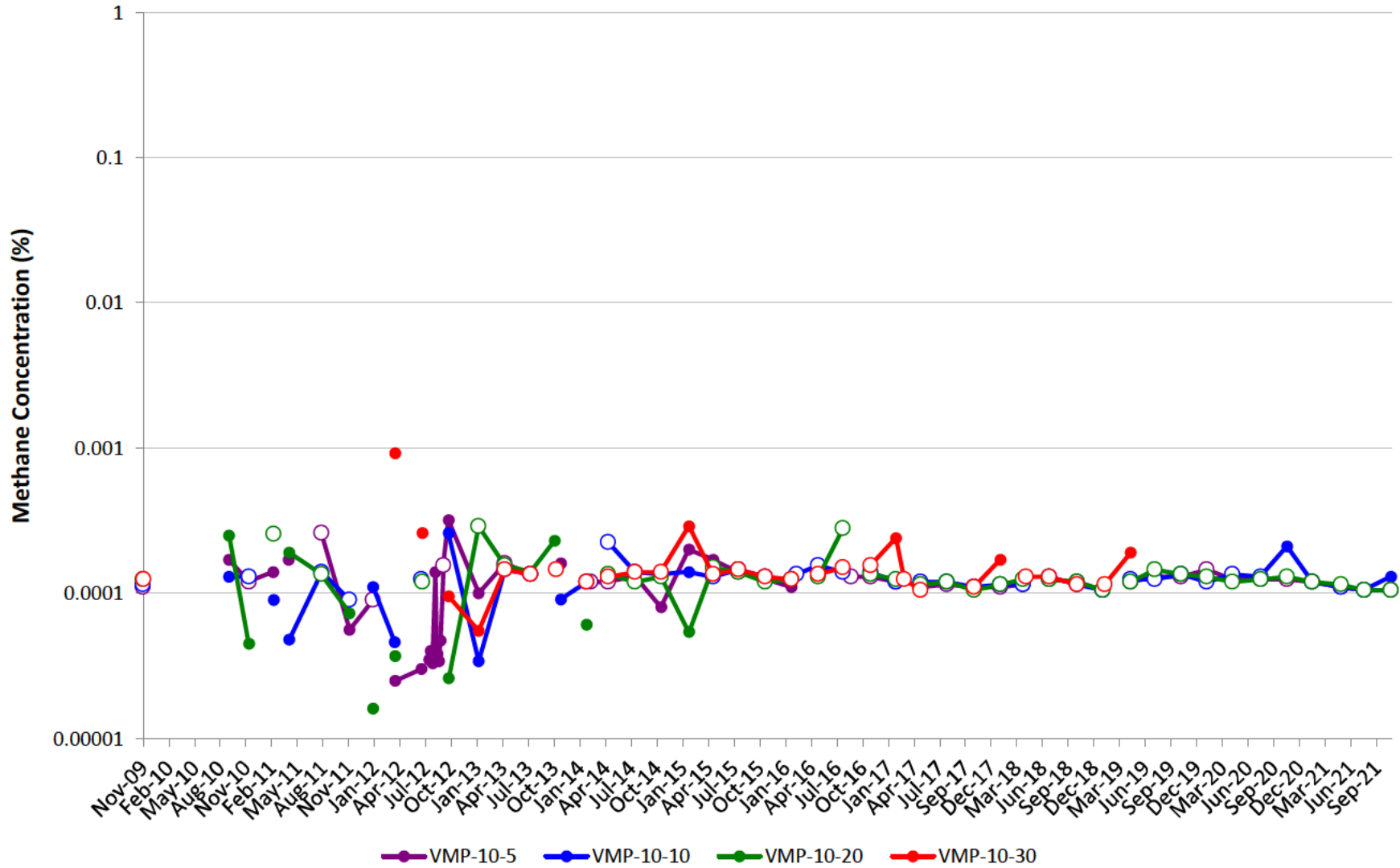
VMP-9

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



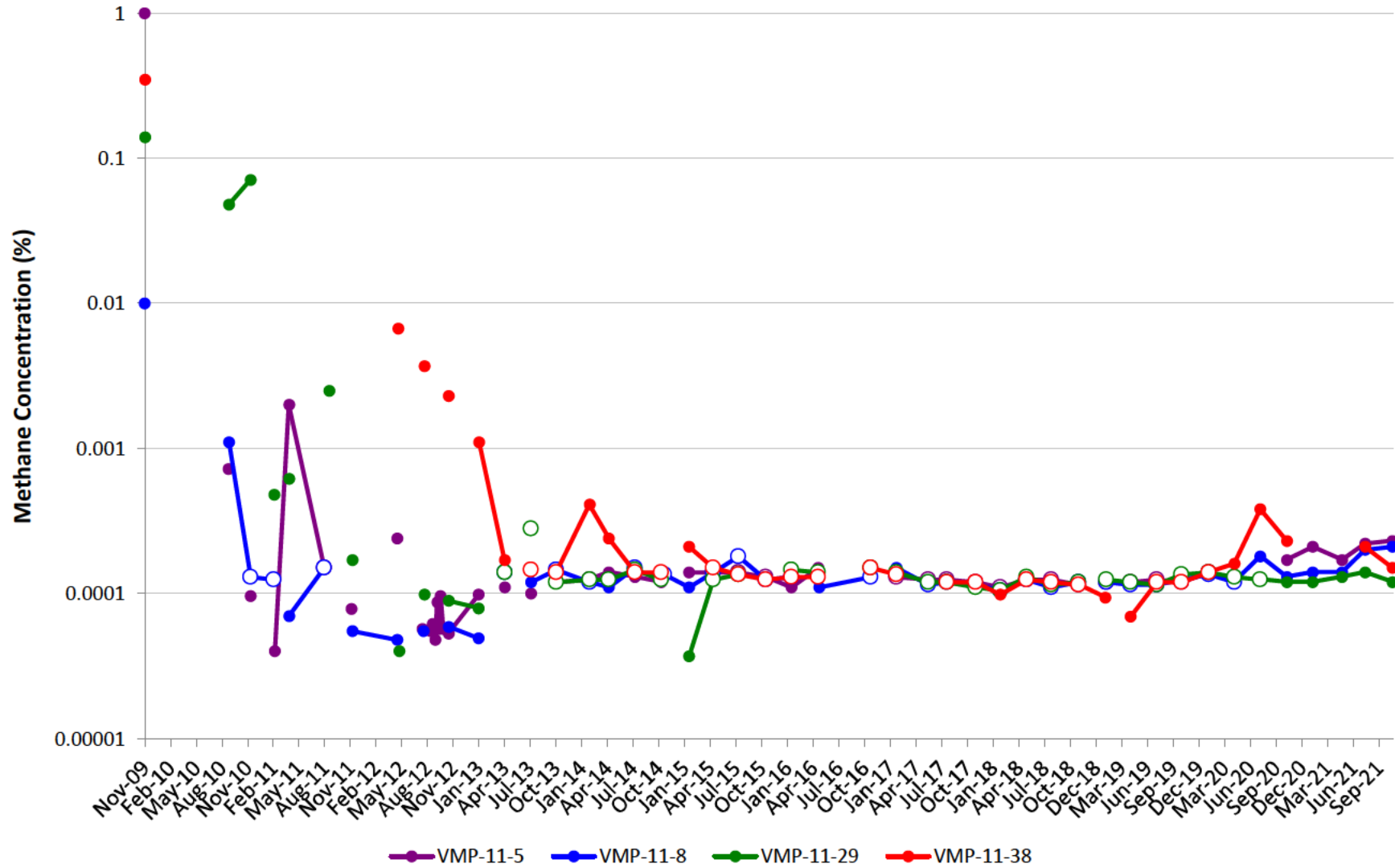
VMP-10

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



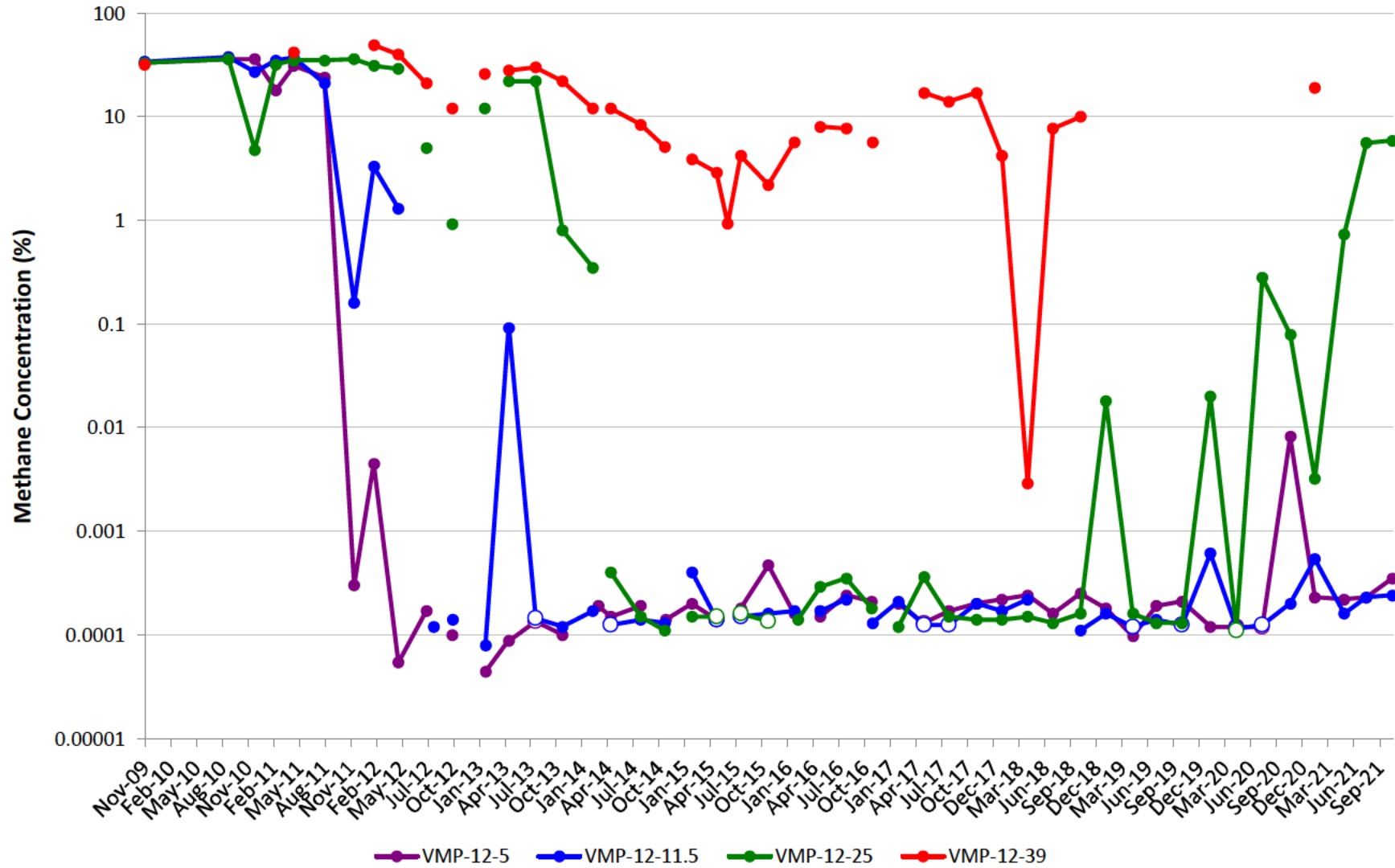
VMP-11

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



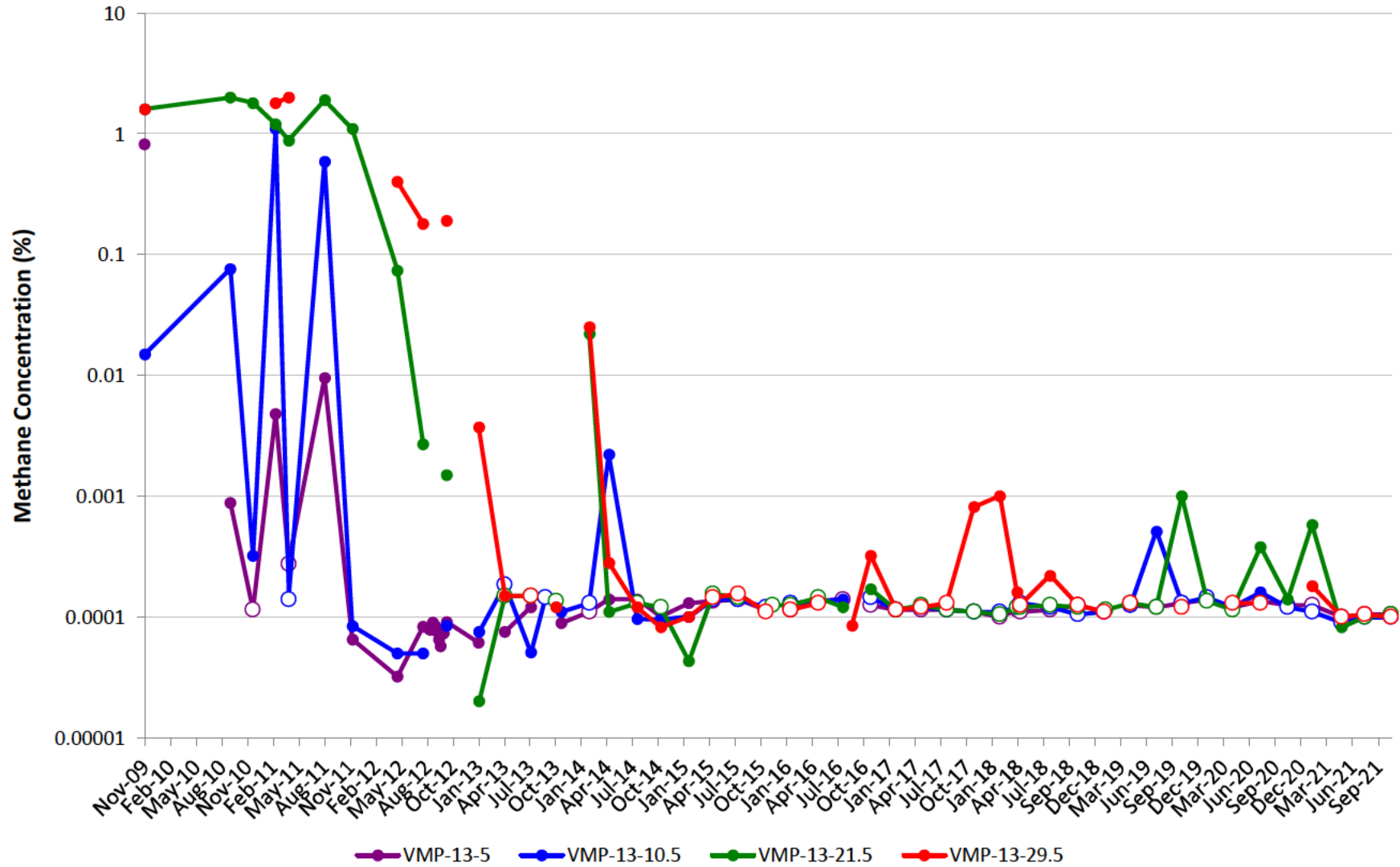
VMP-12

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



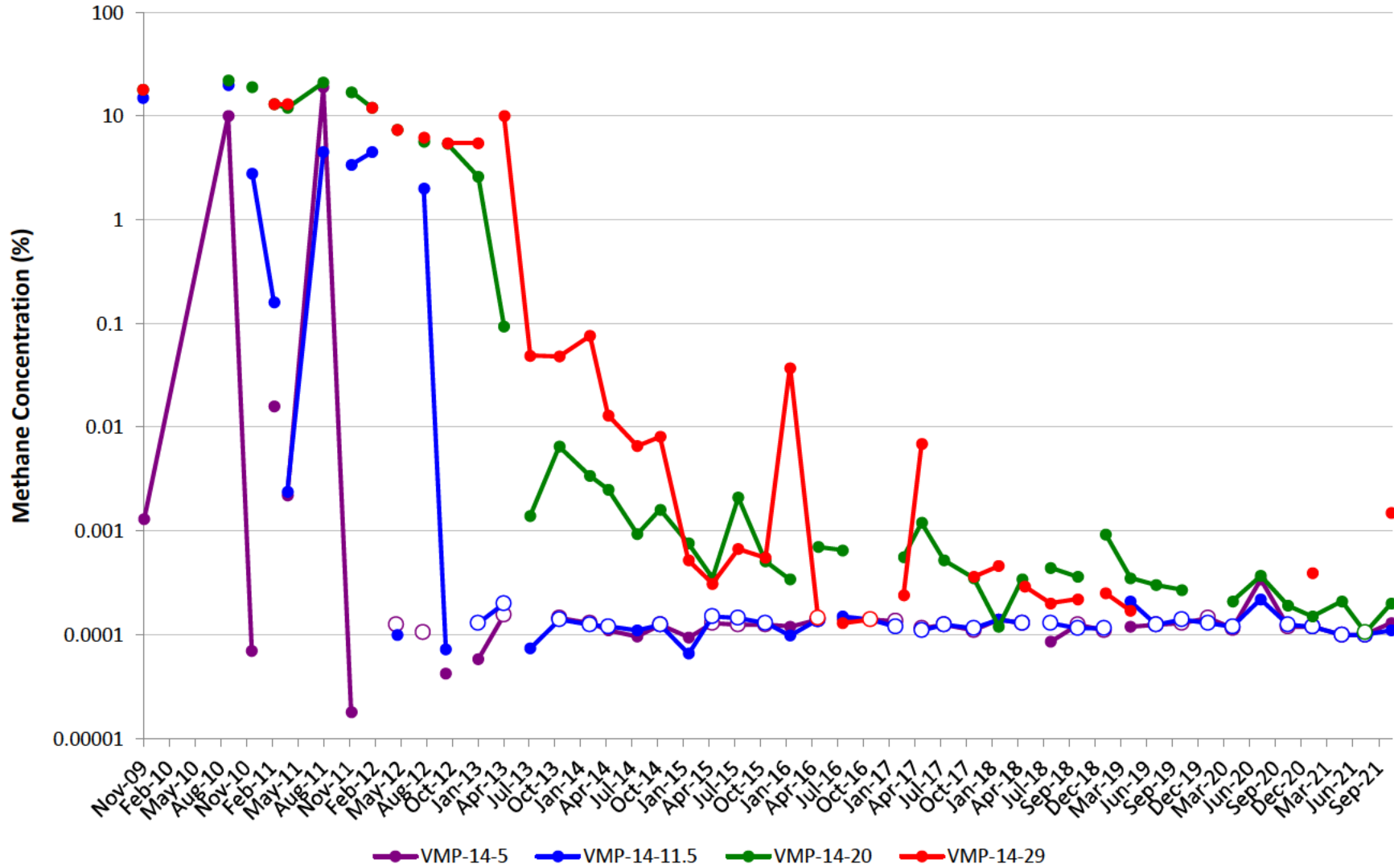
VMP-13

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



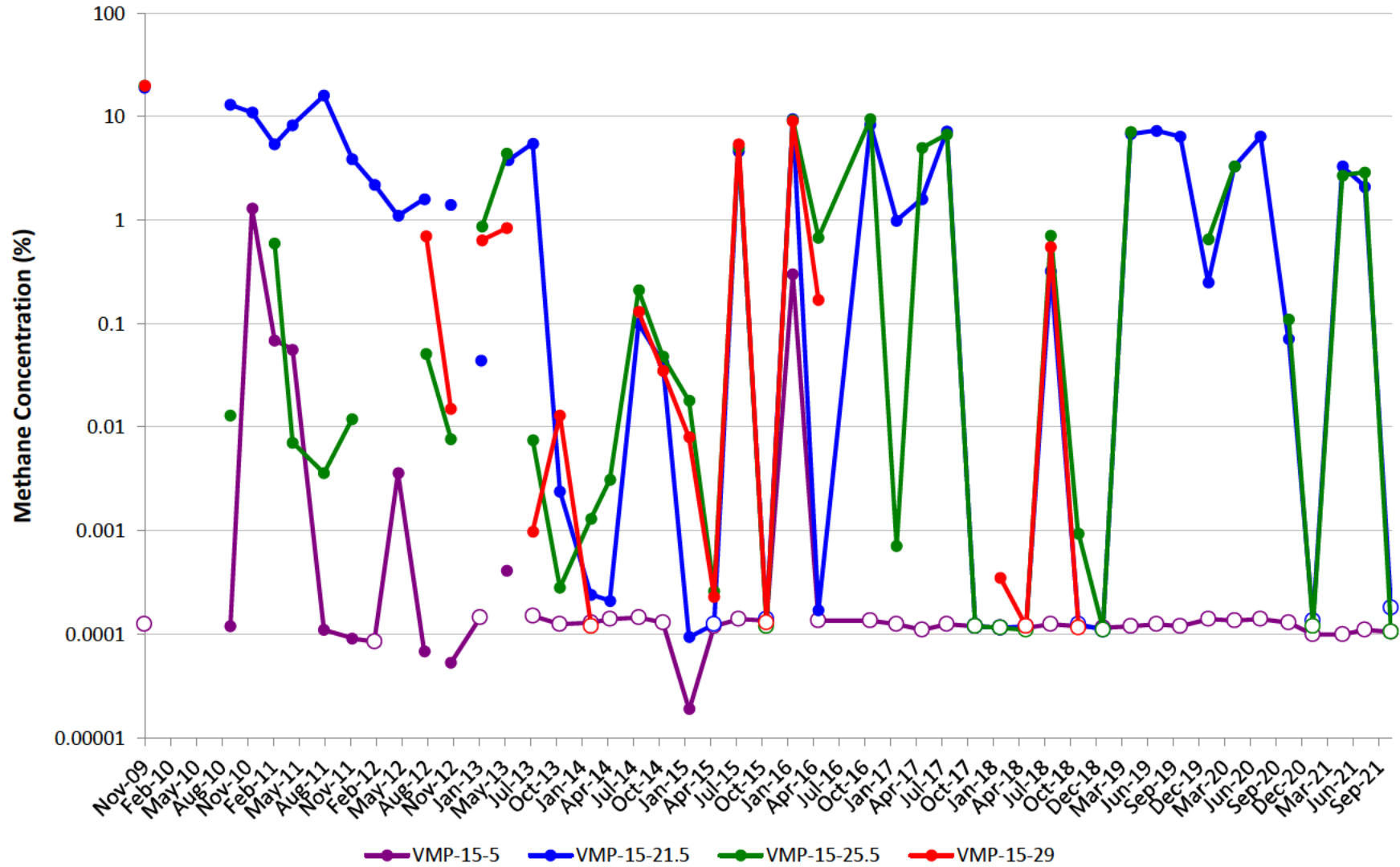
VMP-14

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



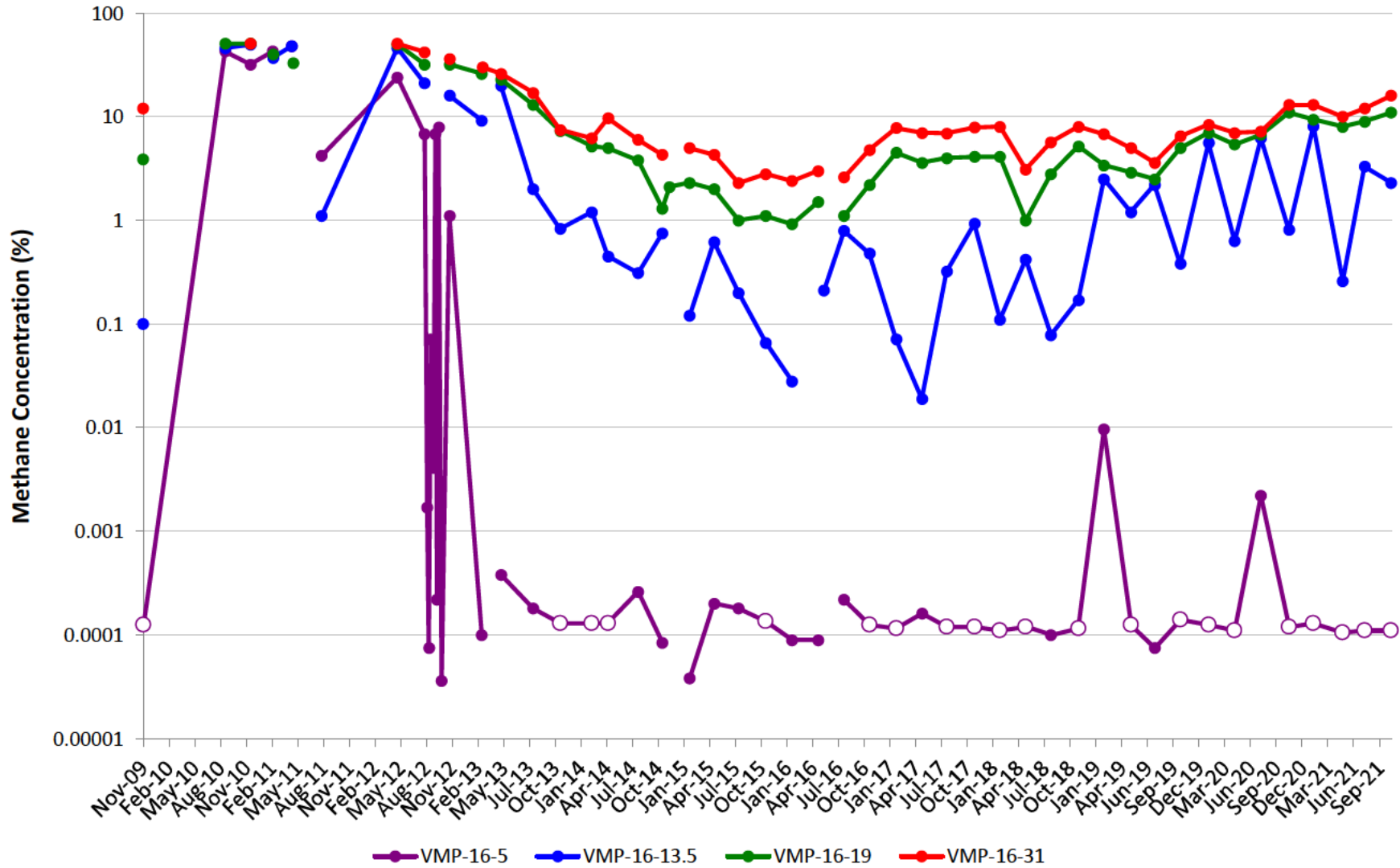
VMP-15

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



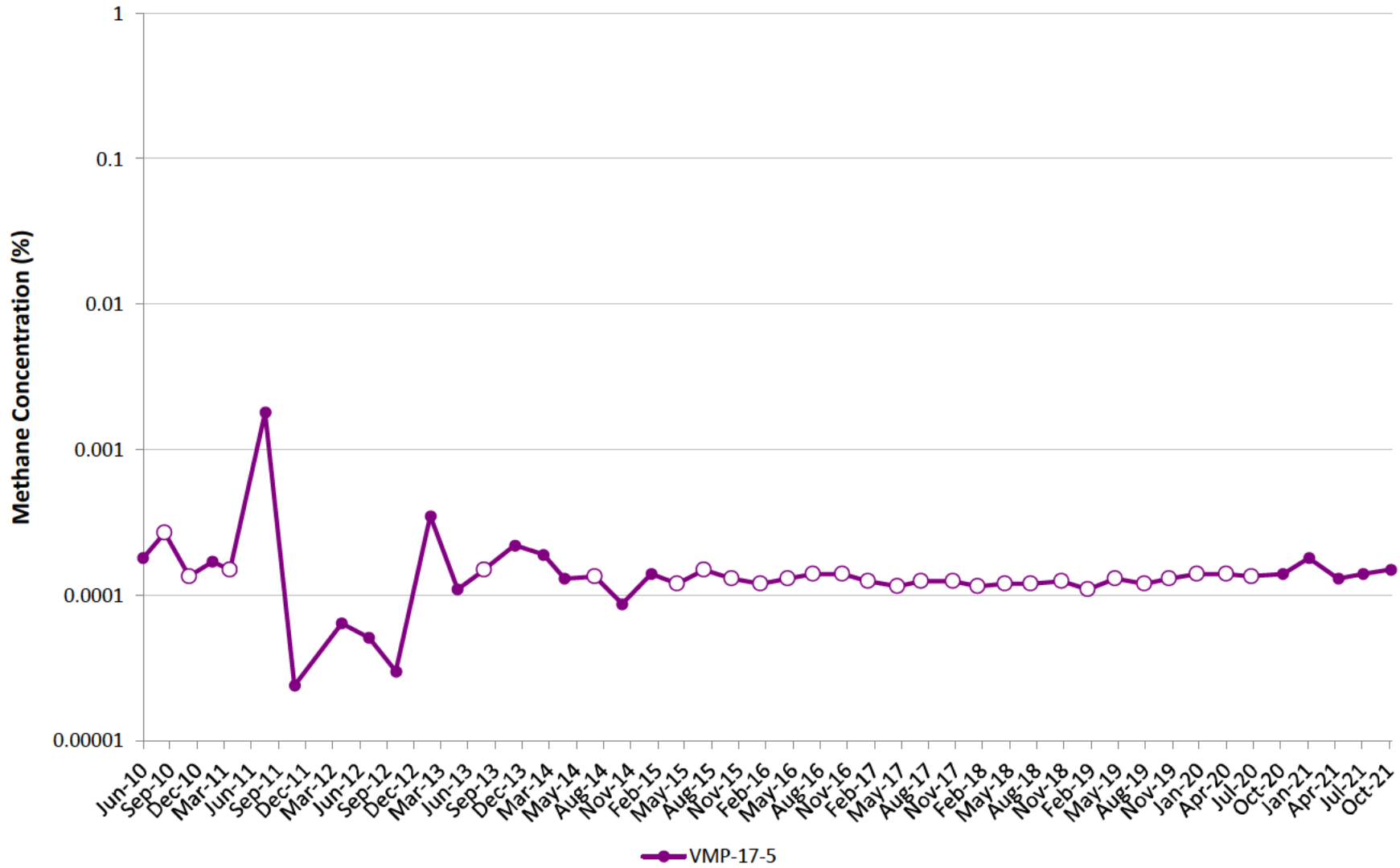
VMP-16

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



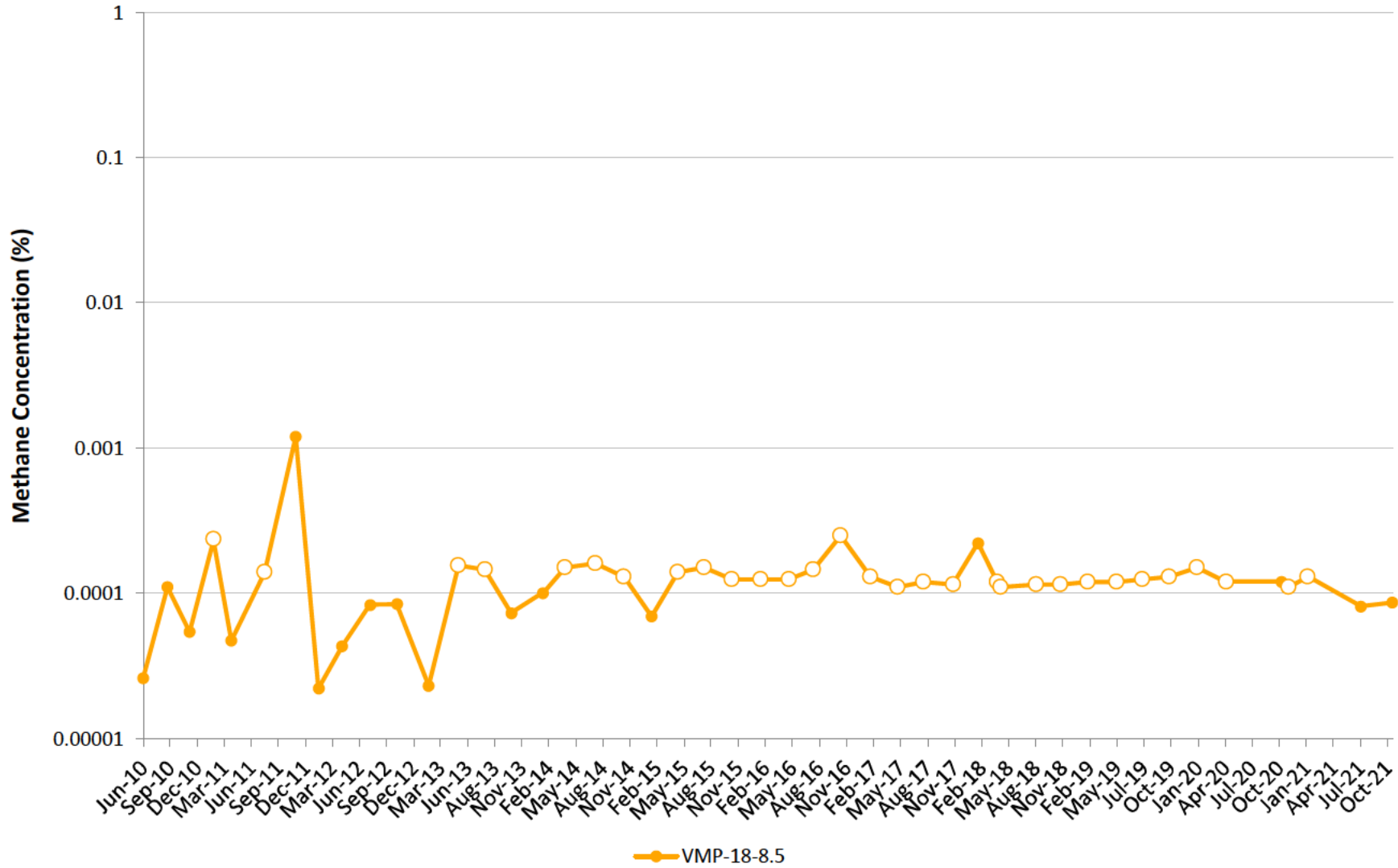
VMP-17

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



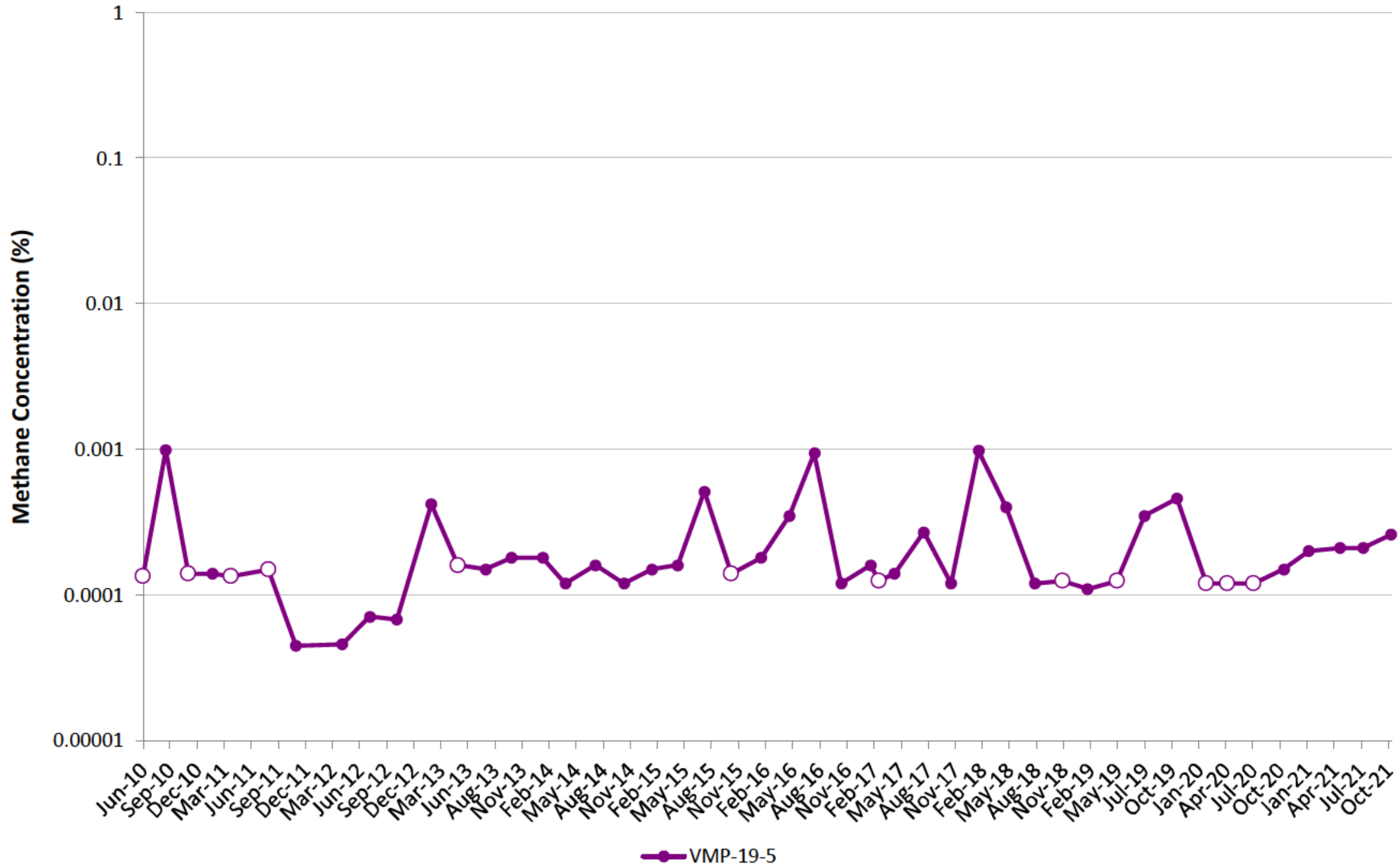
VMP-18

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



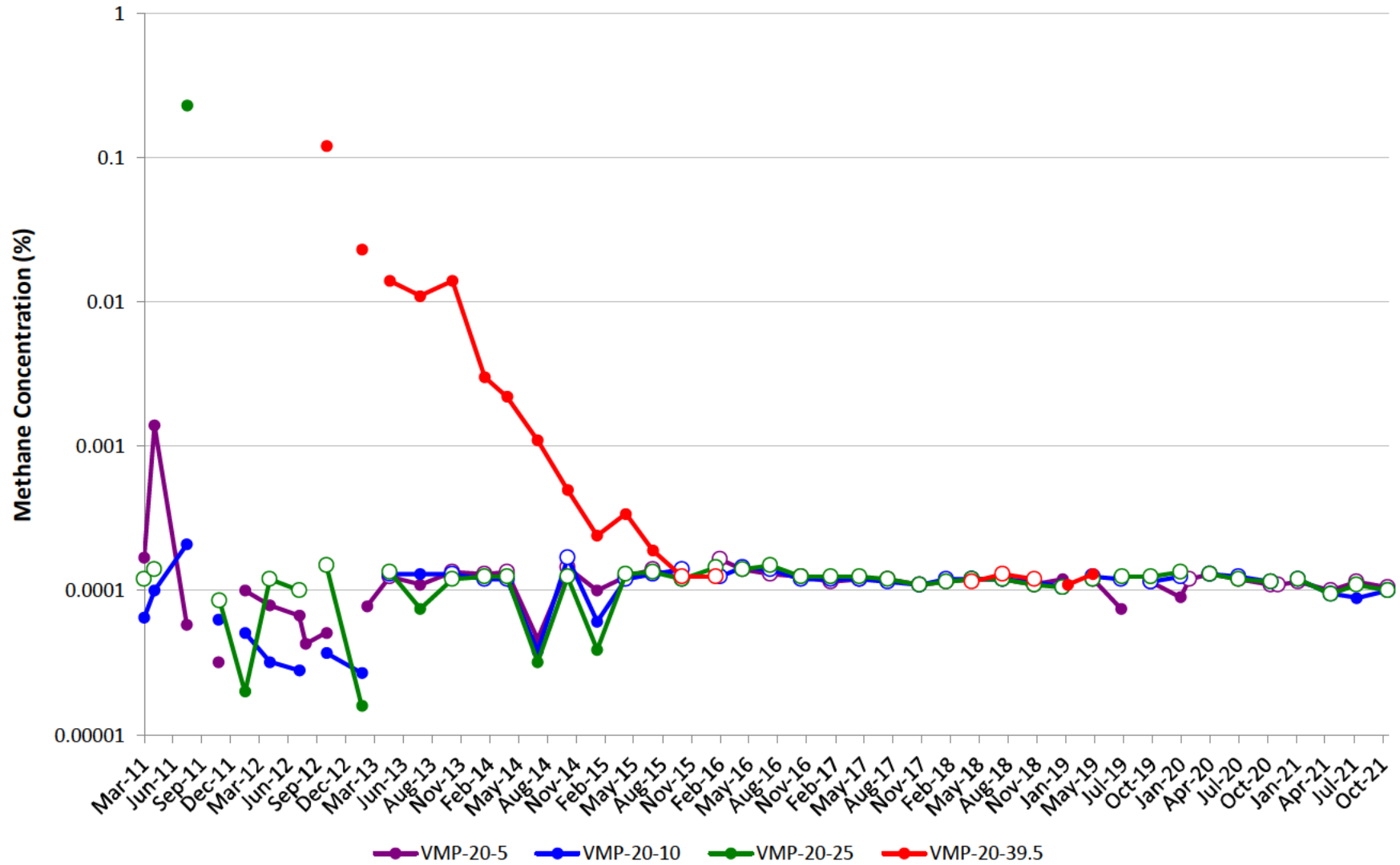
VMP-19

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



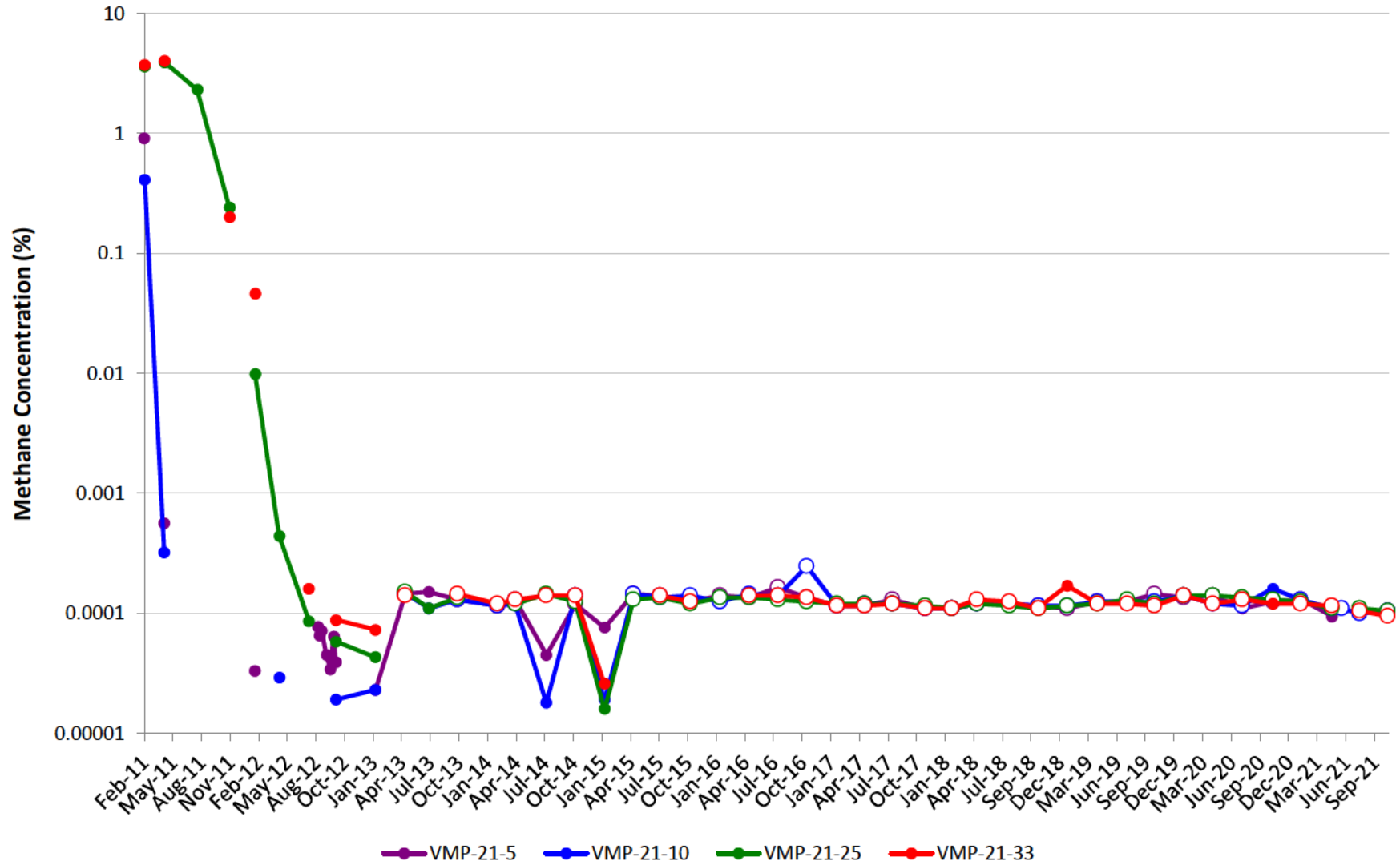
VMP-20

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



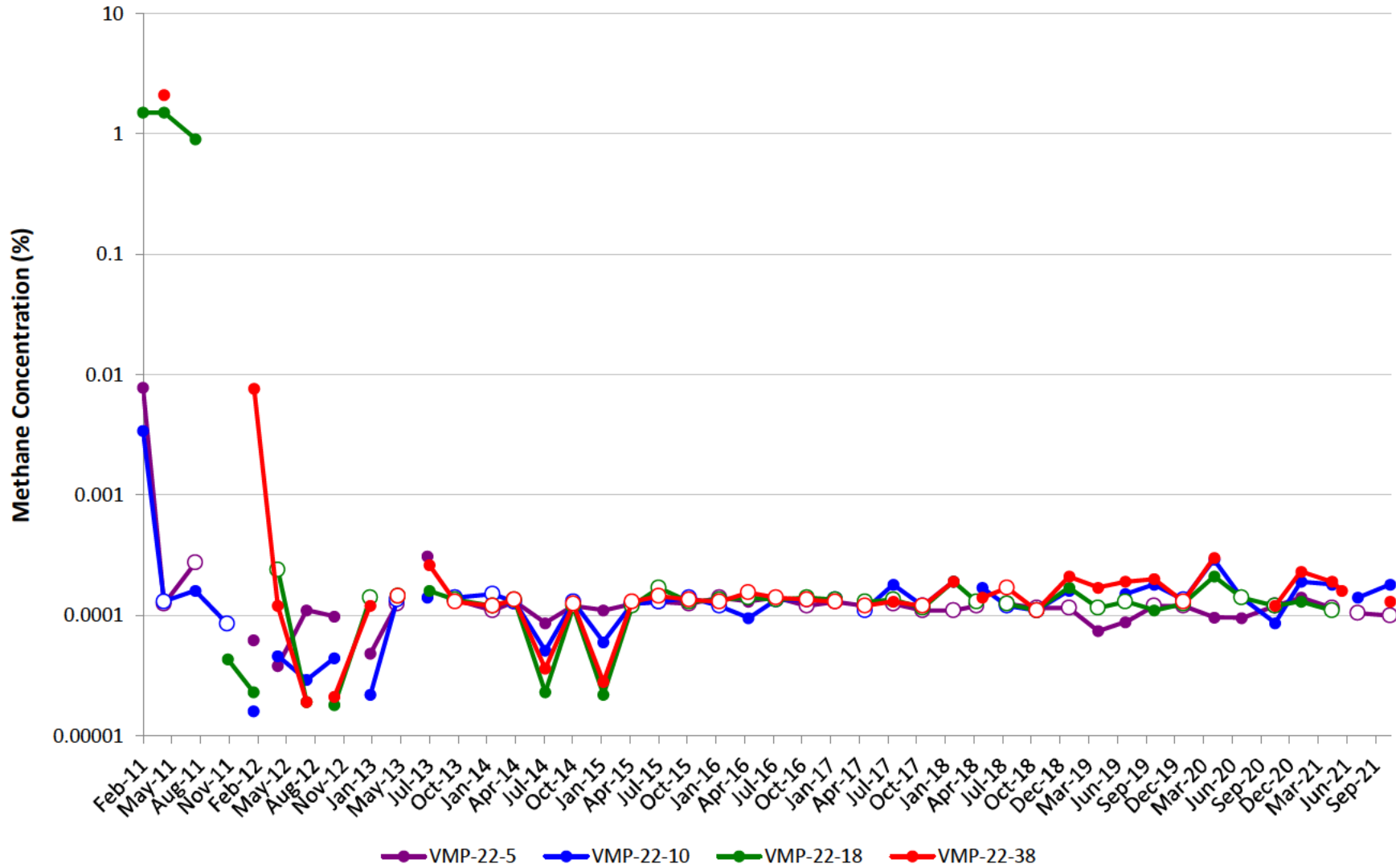
VMP-21

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



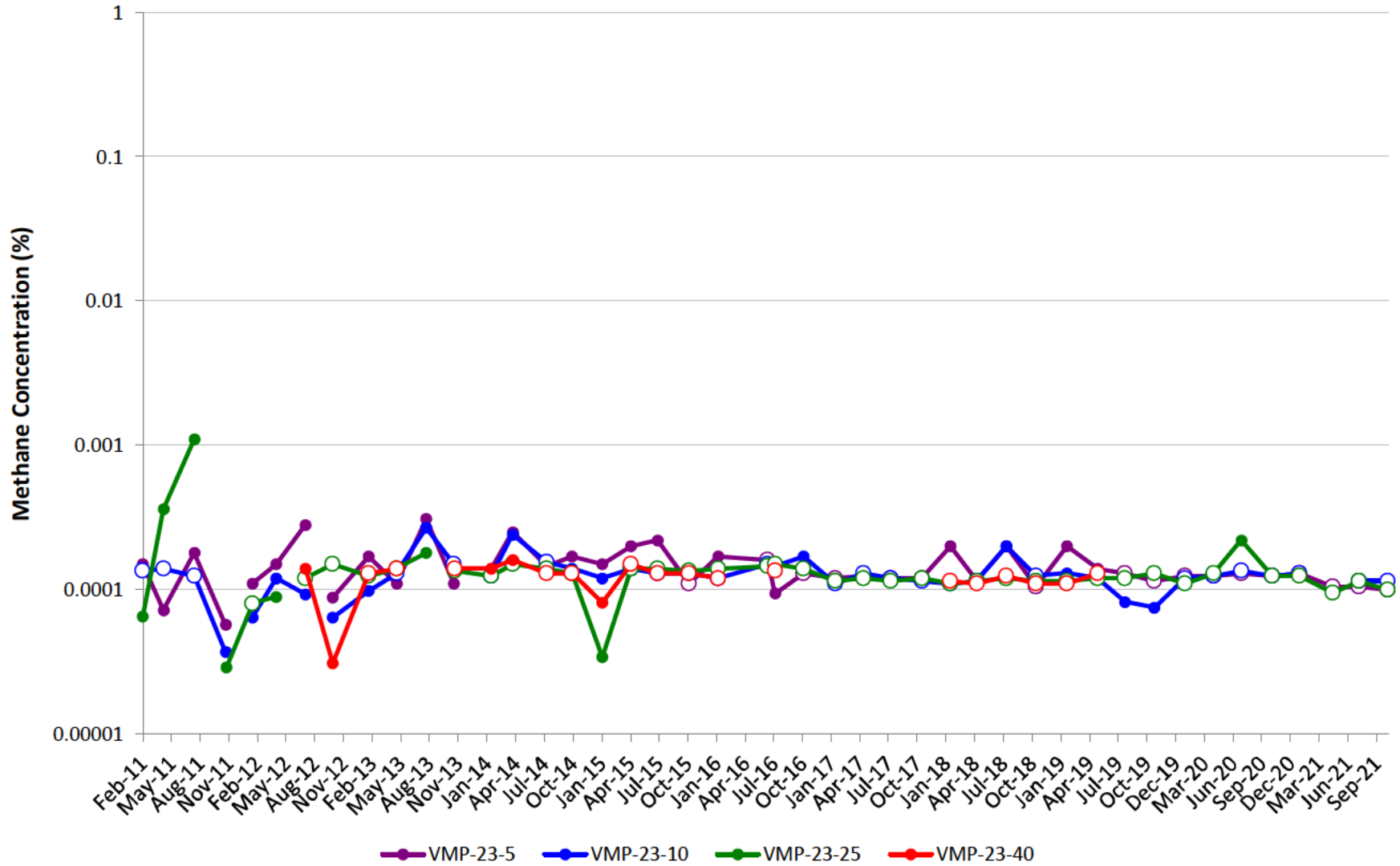
VMP-22

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



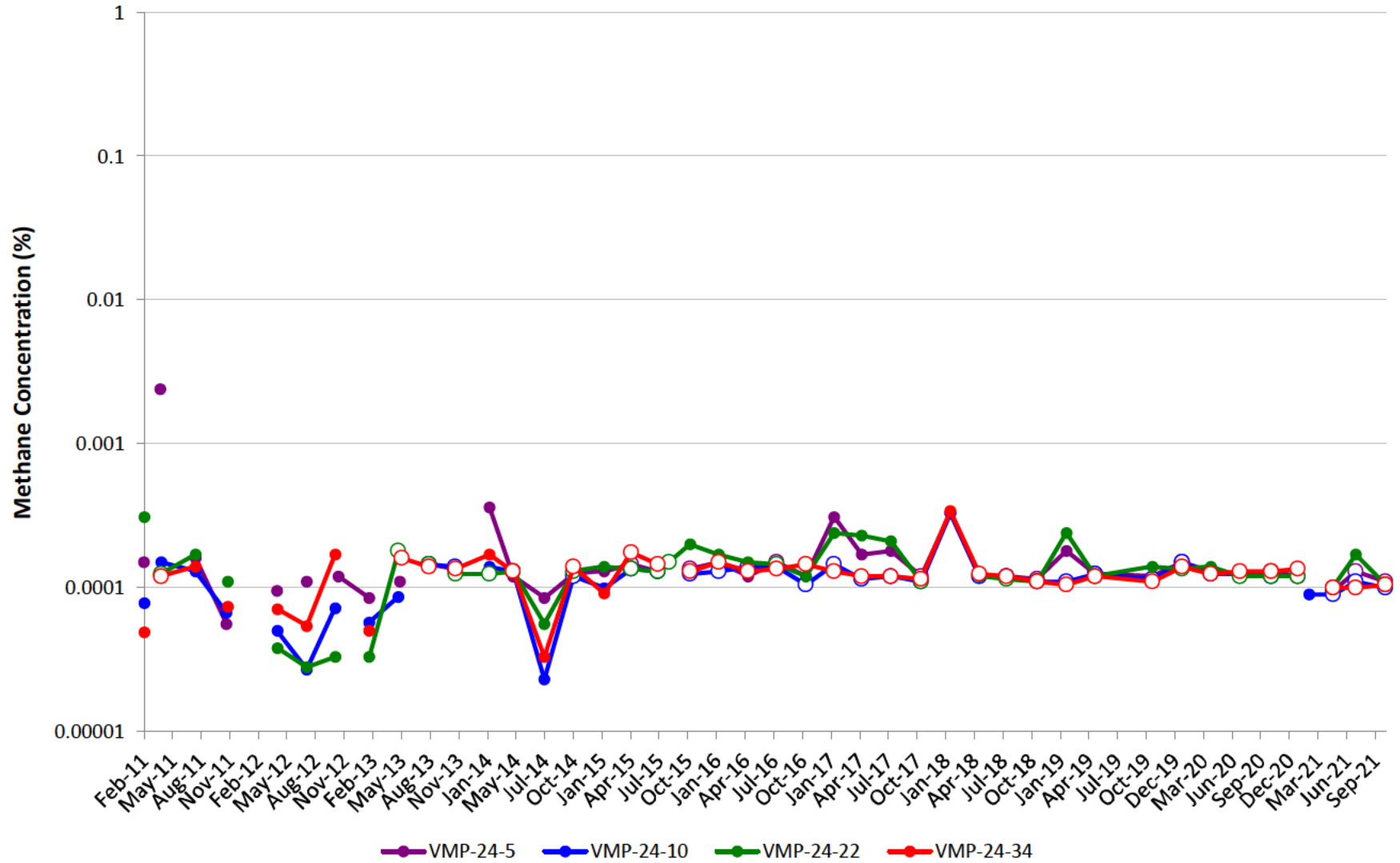
VMP-23

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



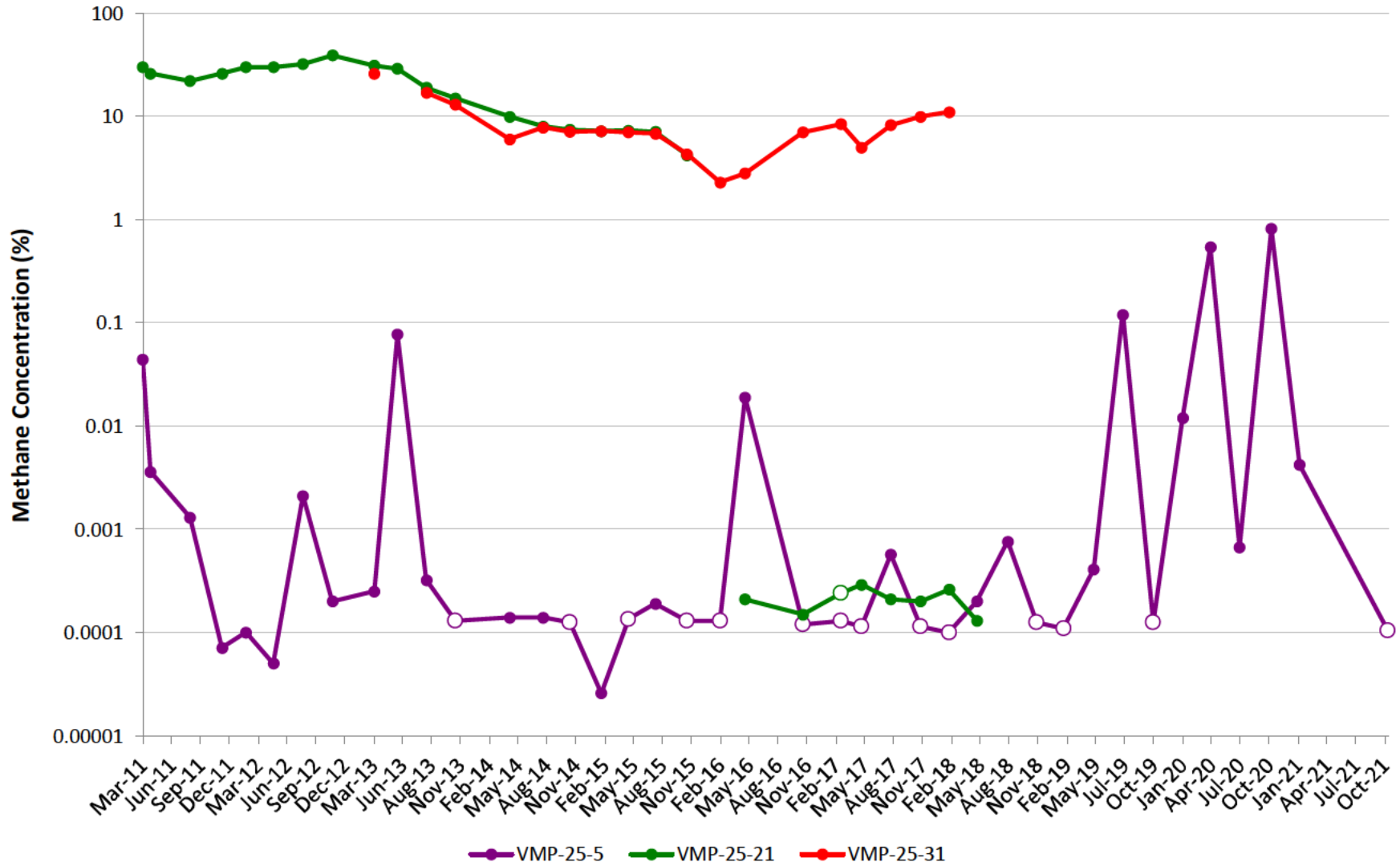
VMP-24

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



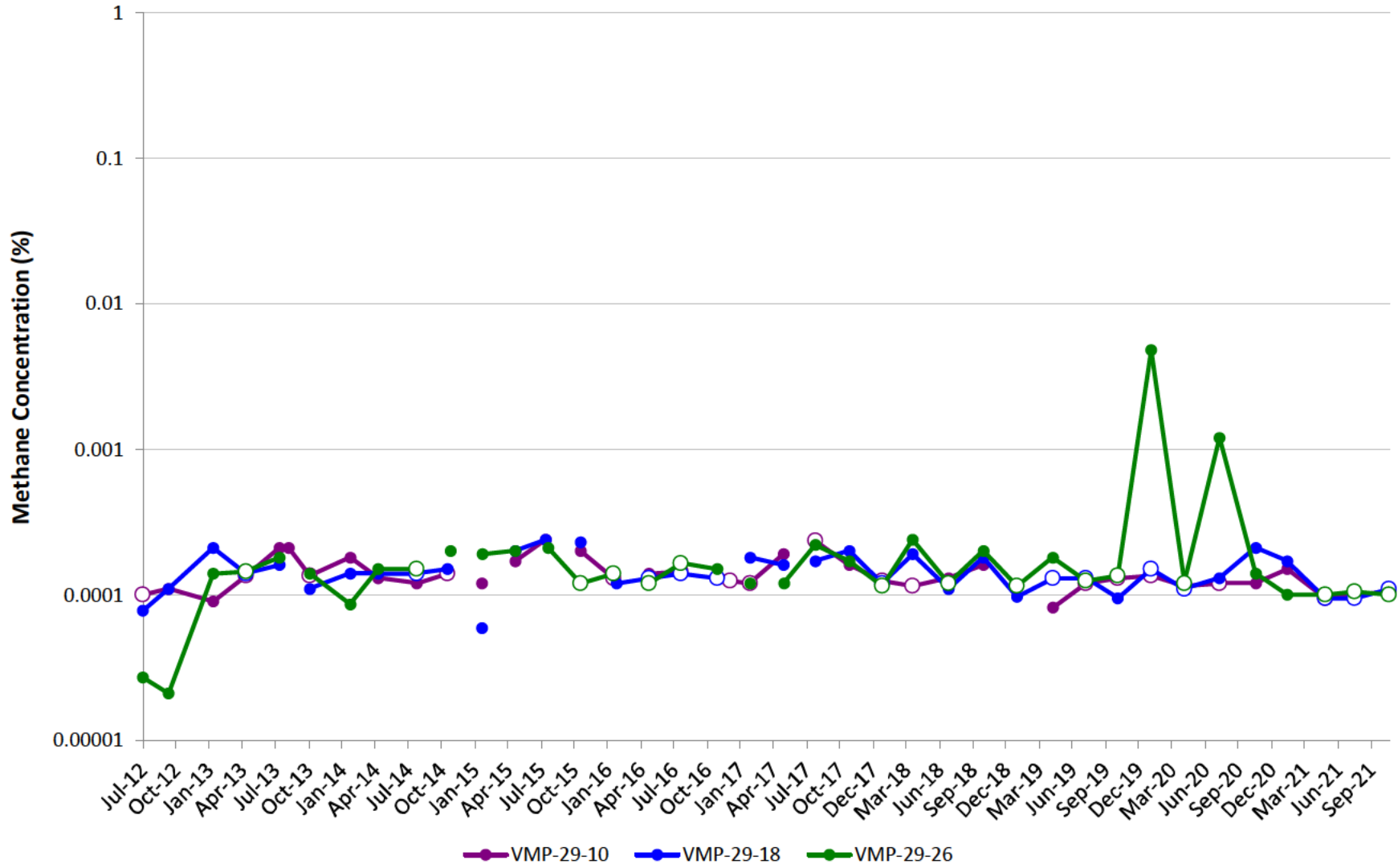
VMP-25

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
 Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.
 Effective 2Q18, samples will no longer be collected at VMP-25-31 due to port integrity.



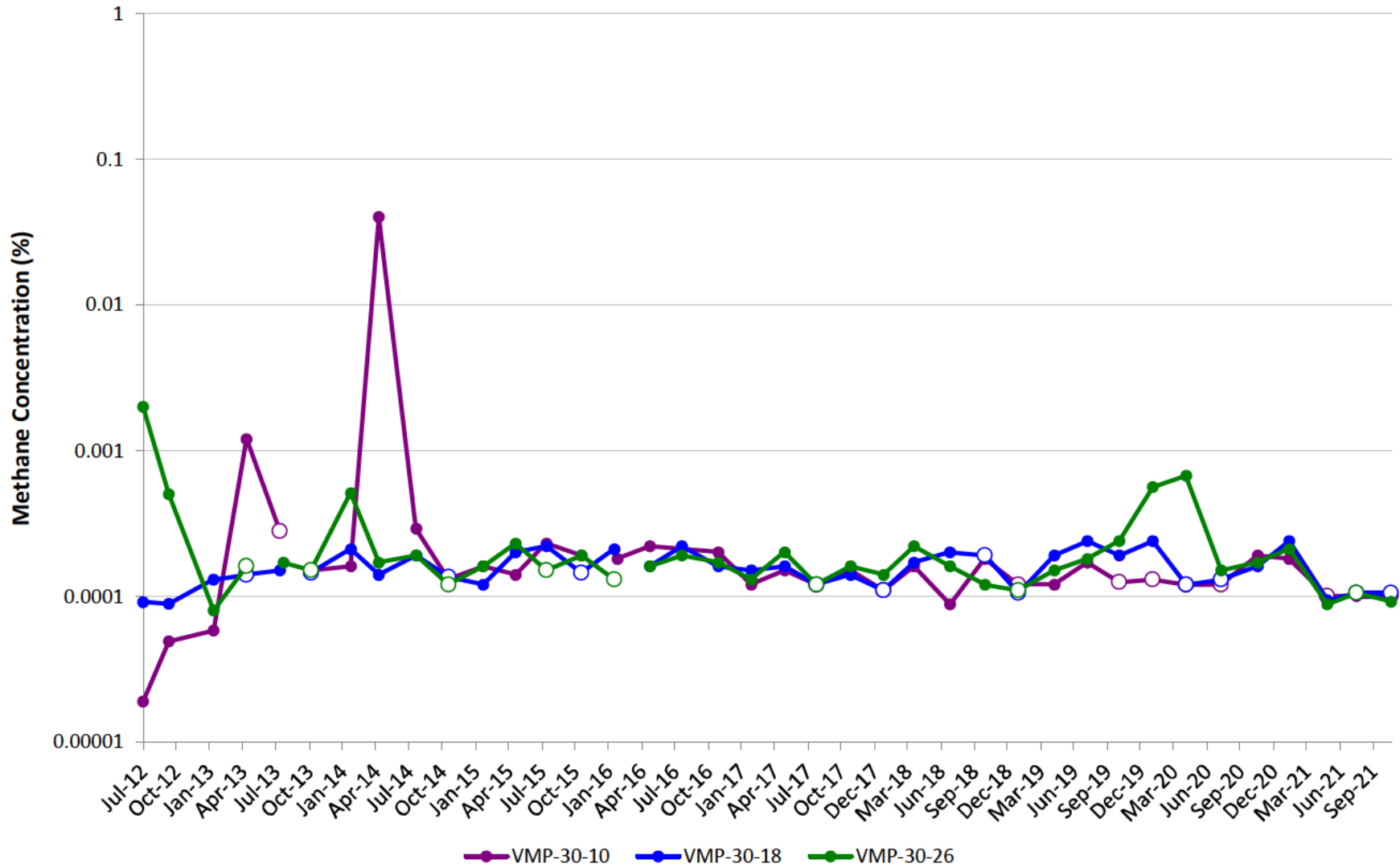
VMP-29

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



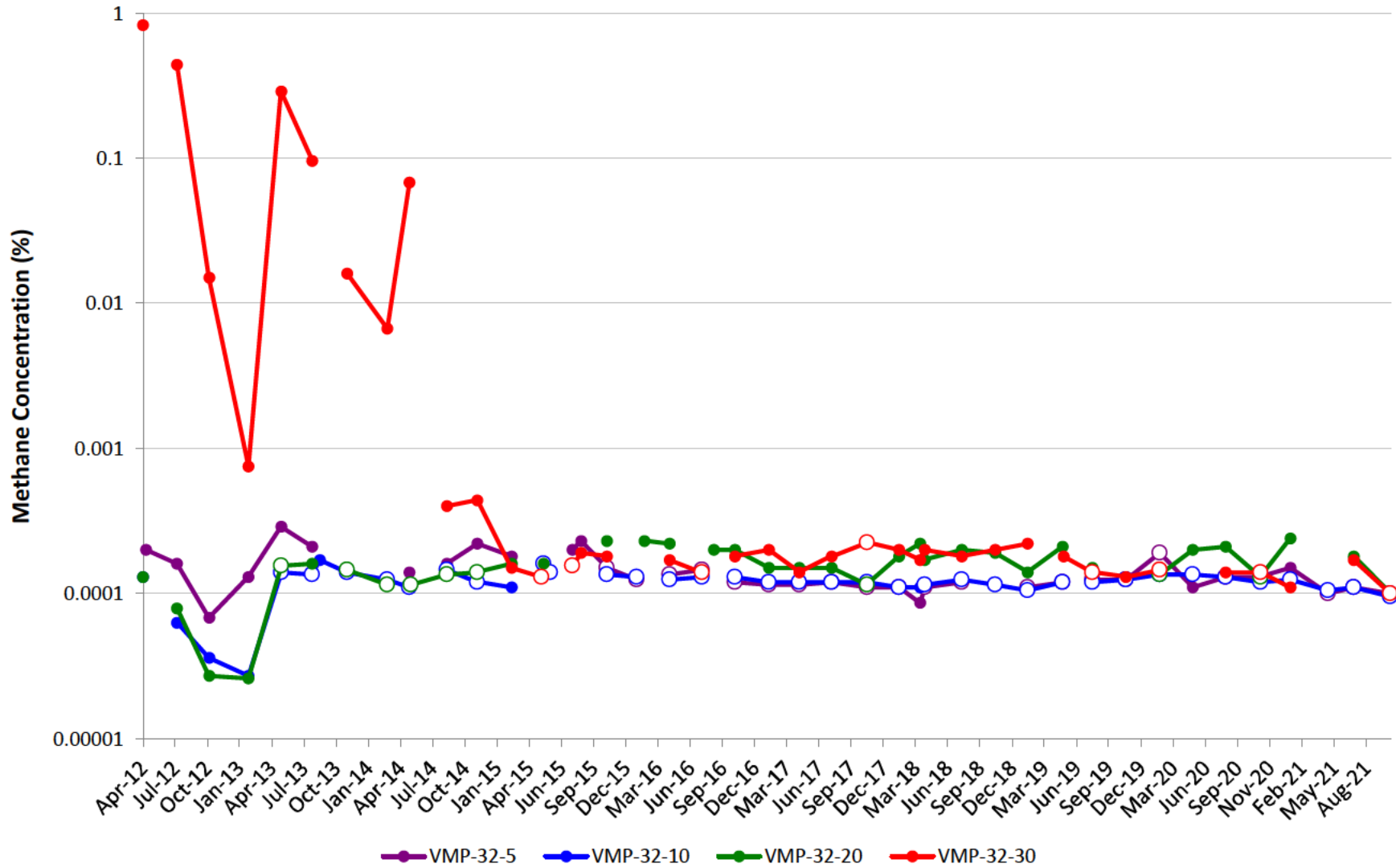
VMP-30

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



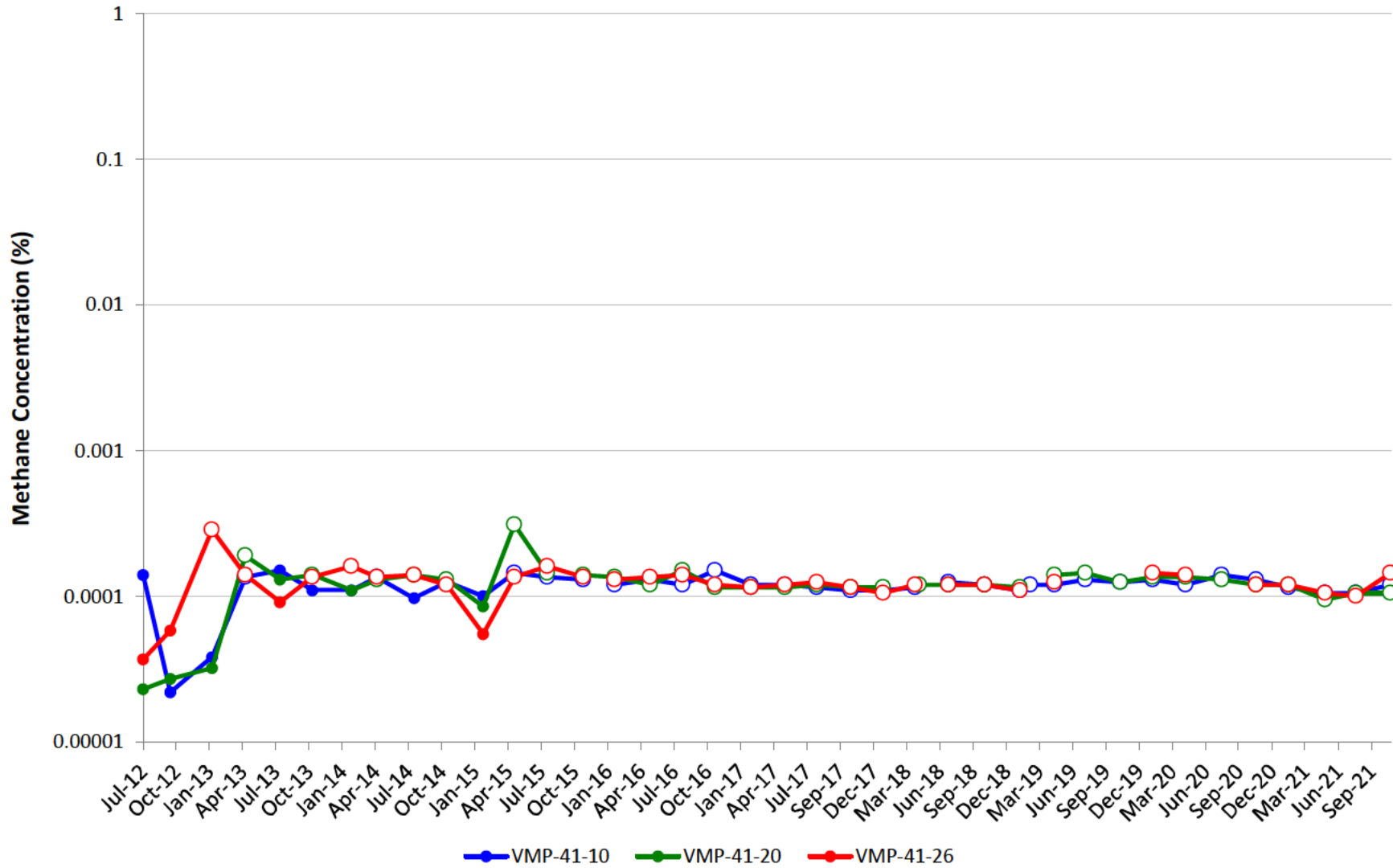
VMP-32

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



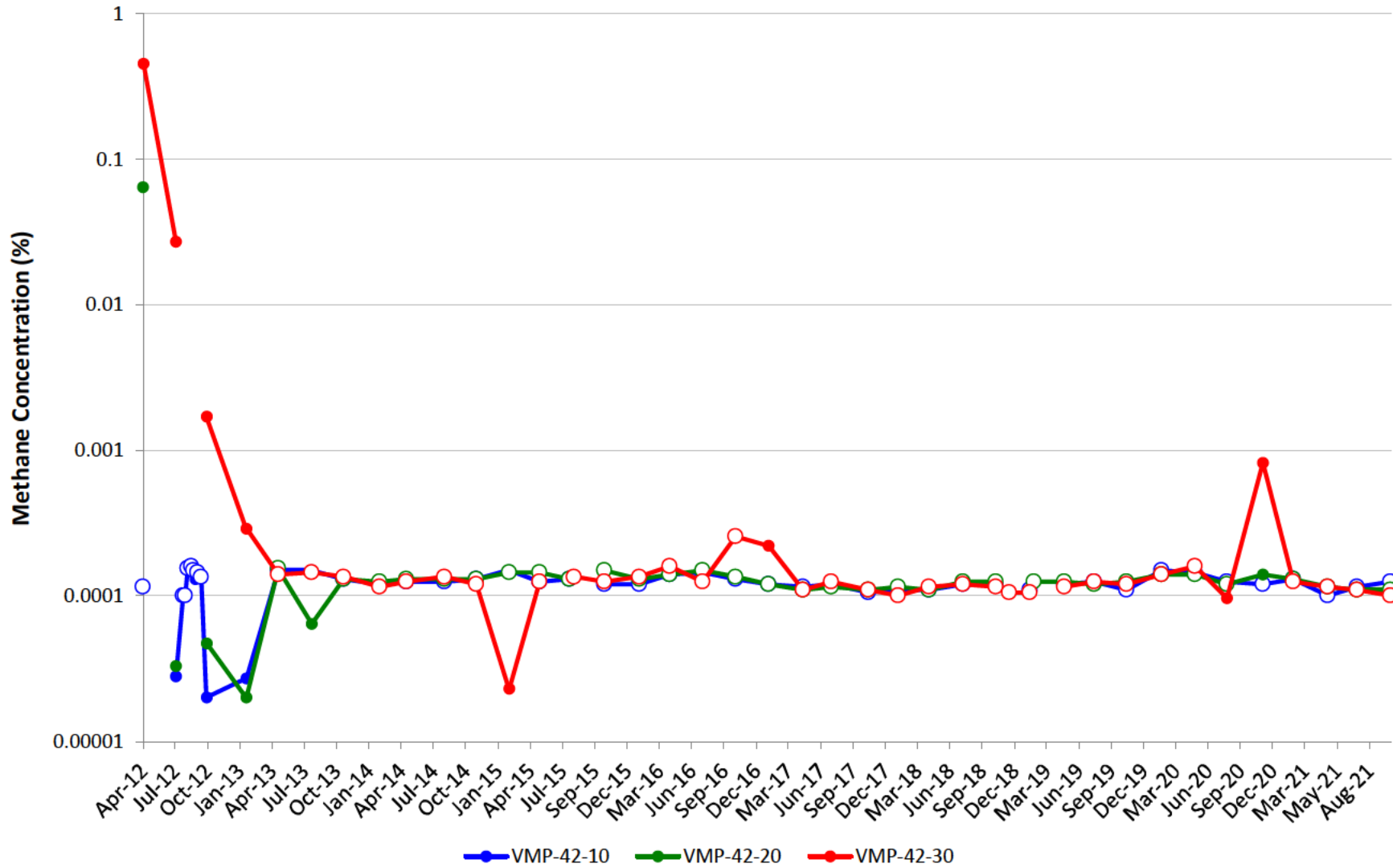
VMP-41

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



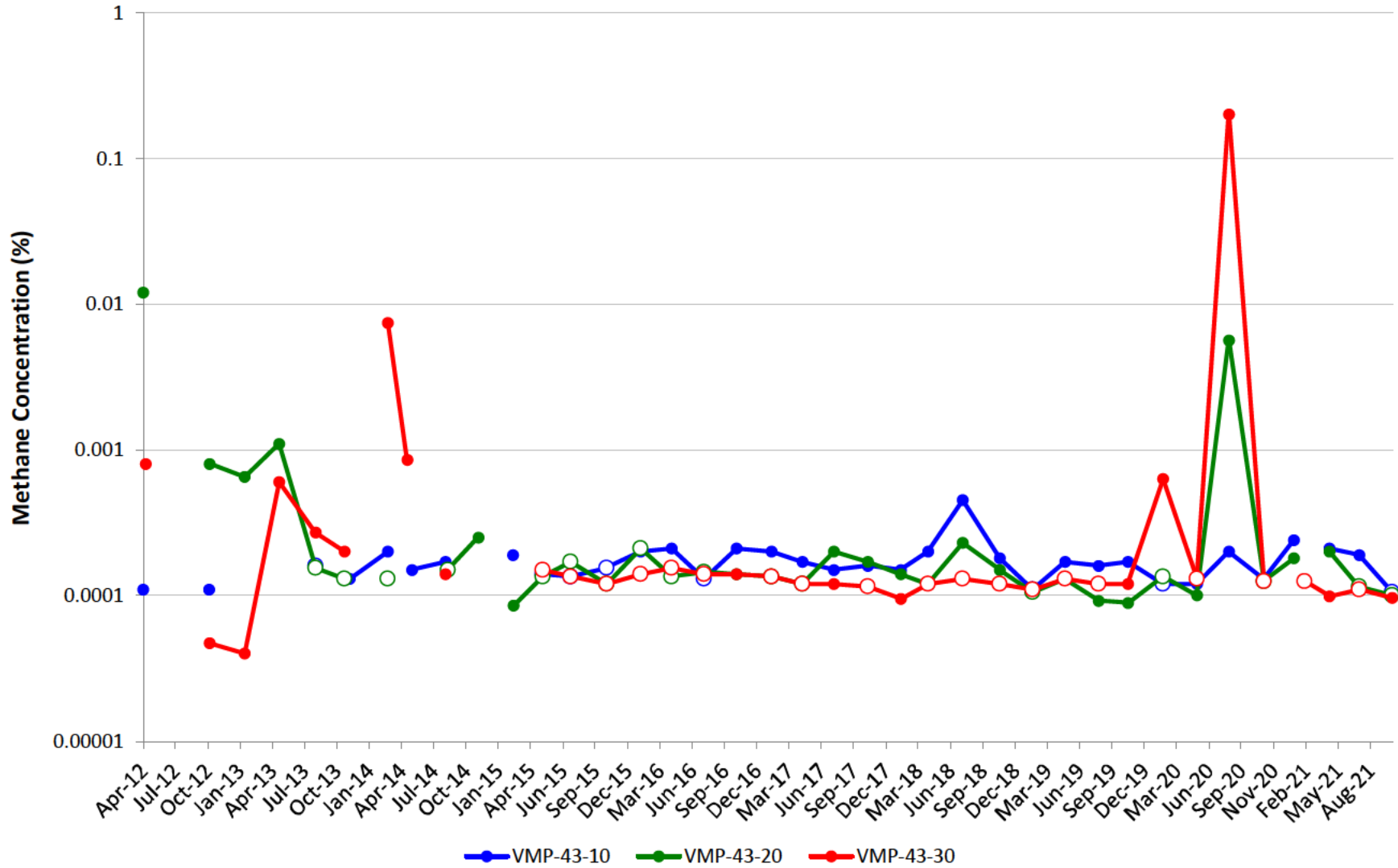
VMP-42

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



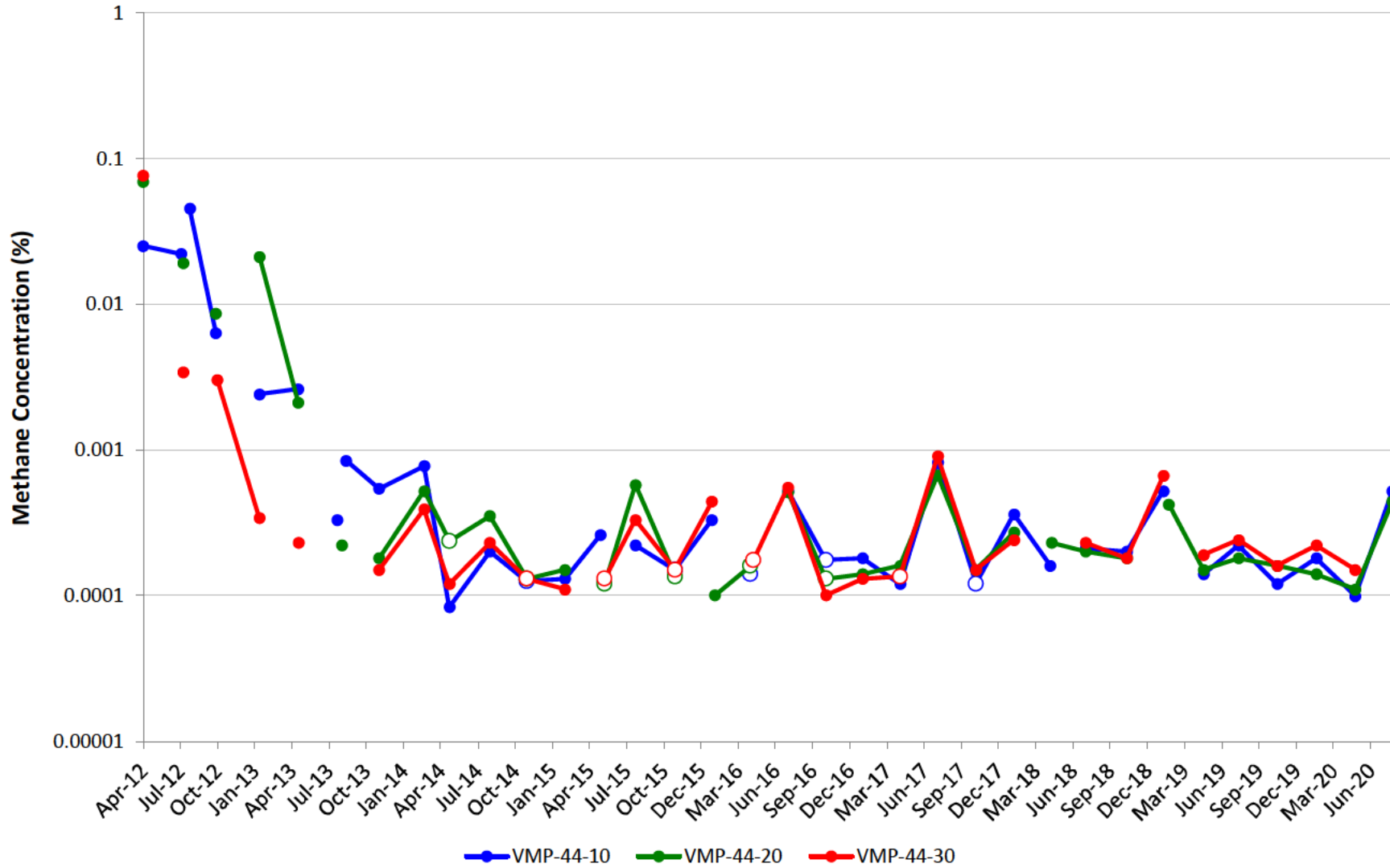
VMP-43

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



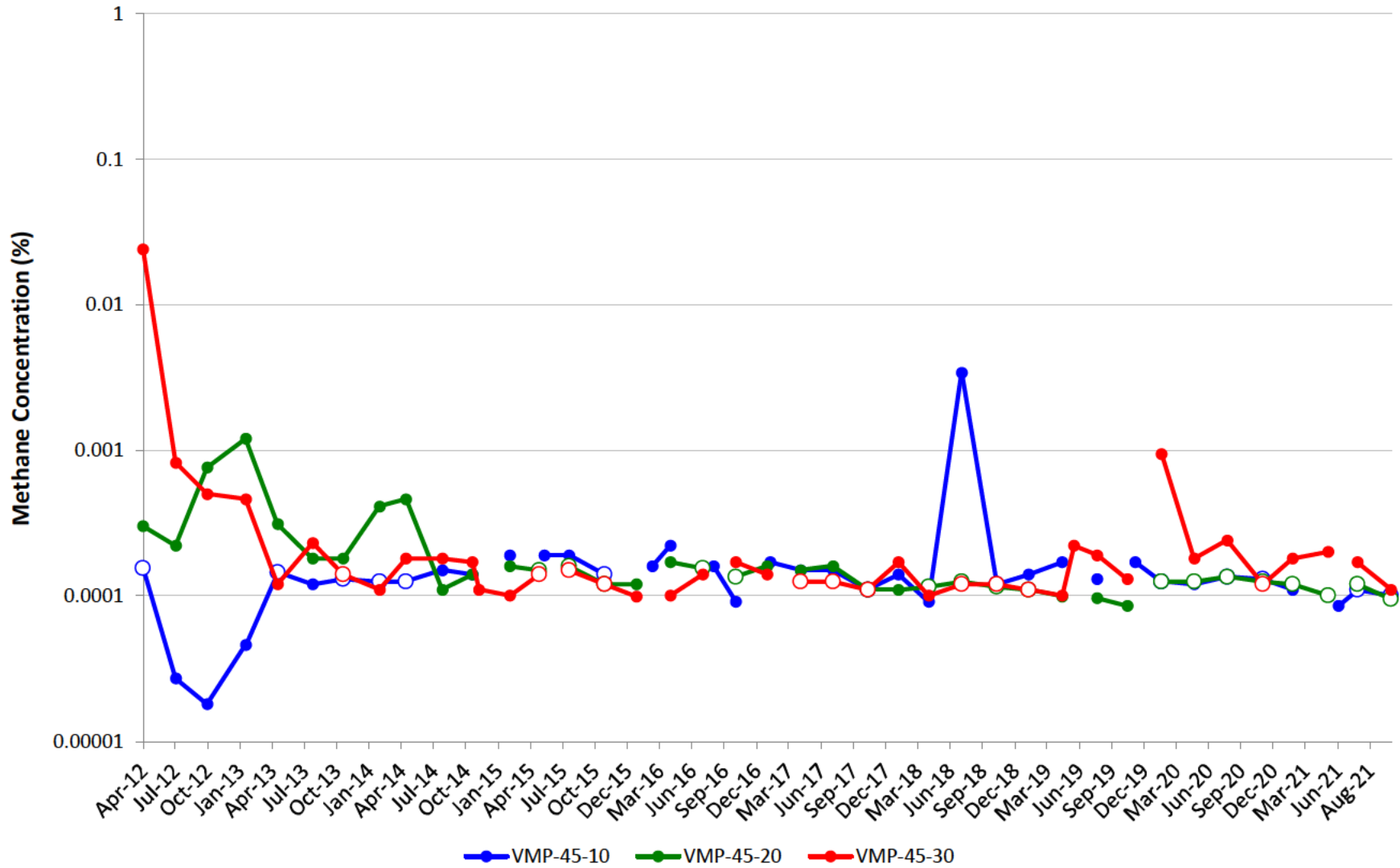
VMP-44

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.
Effective 4Q20, samples will no longer be collected at VMP-44 due to port integrity.



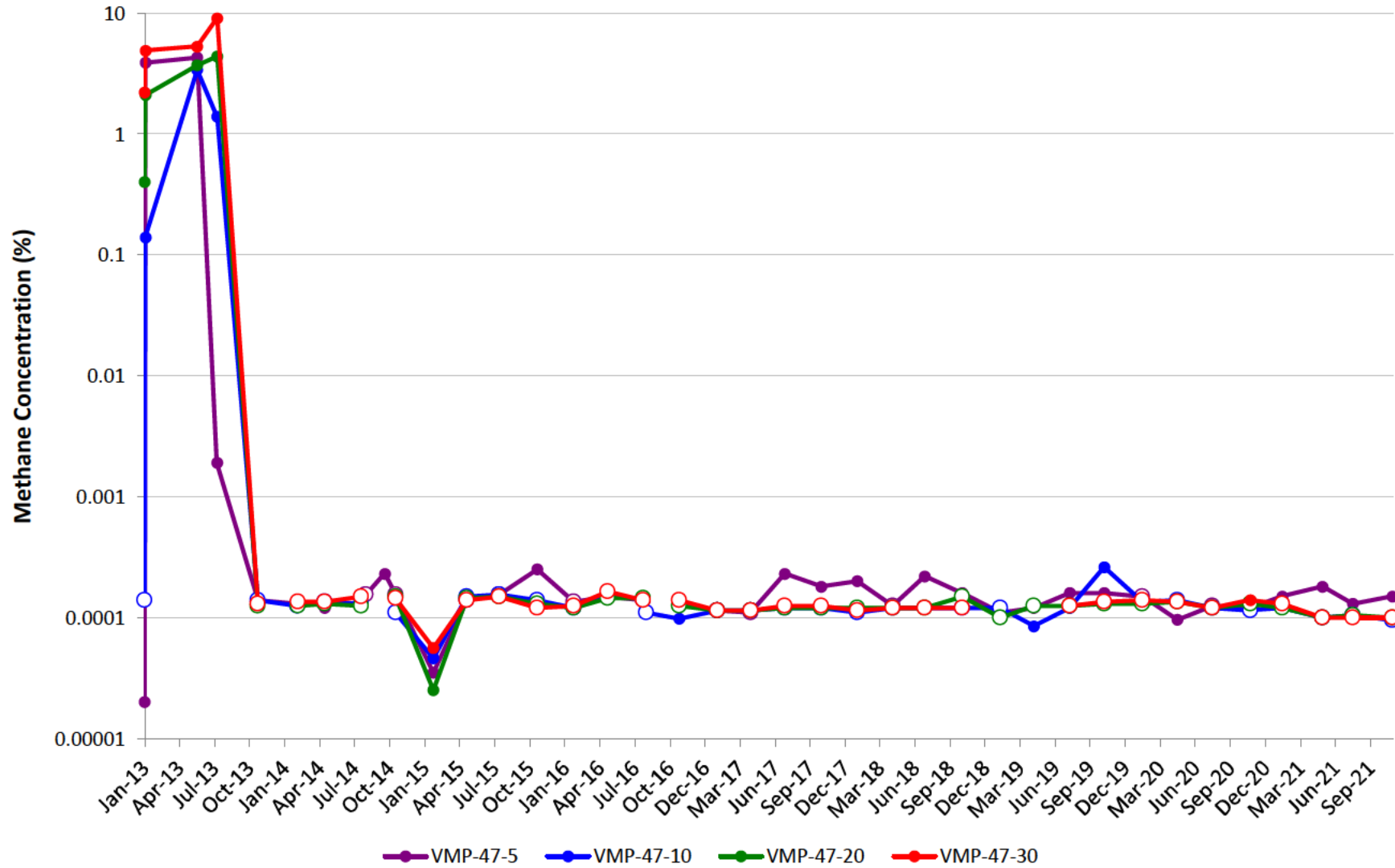
VMP-45

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



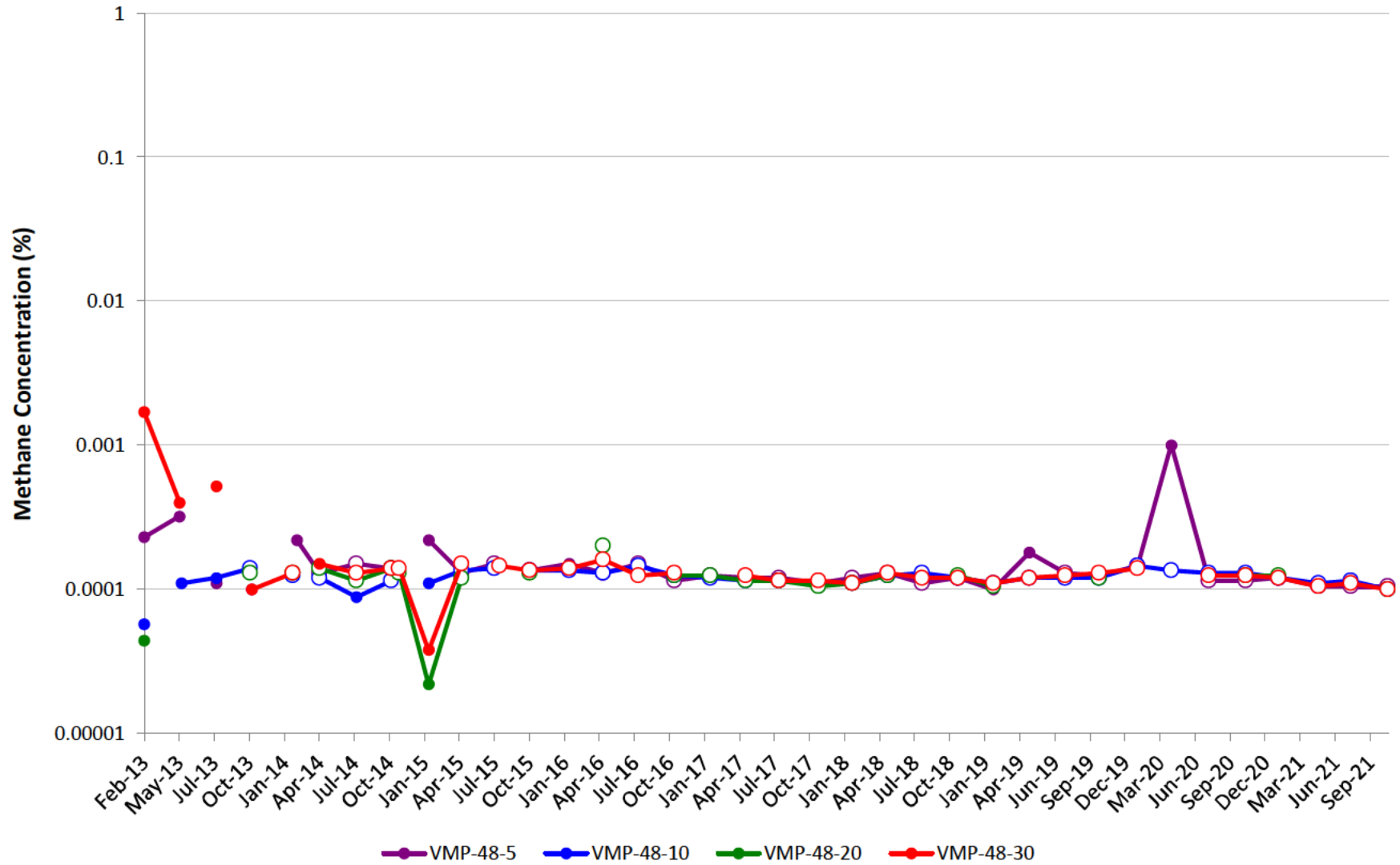
VMP-47

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



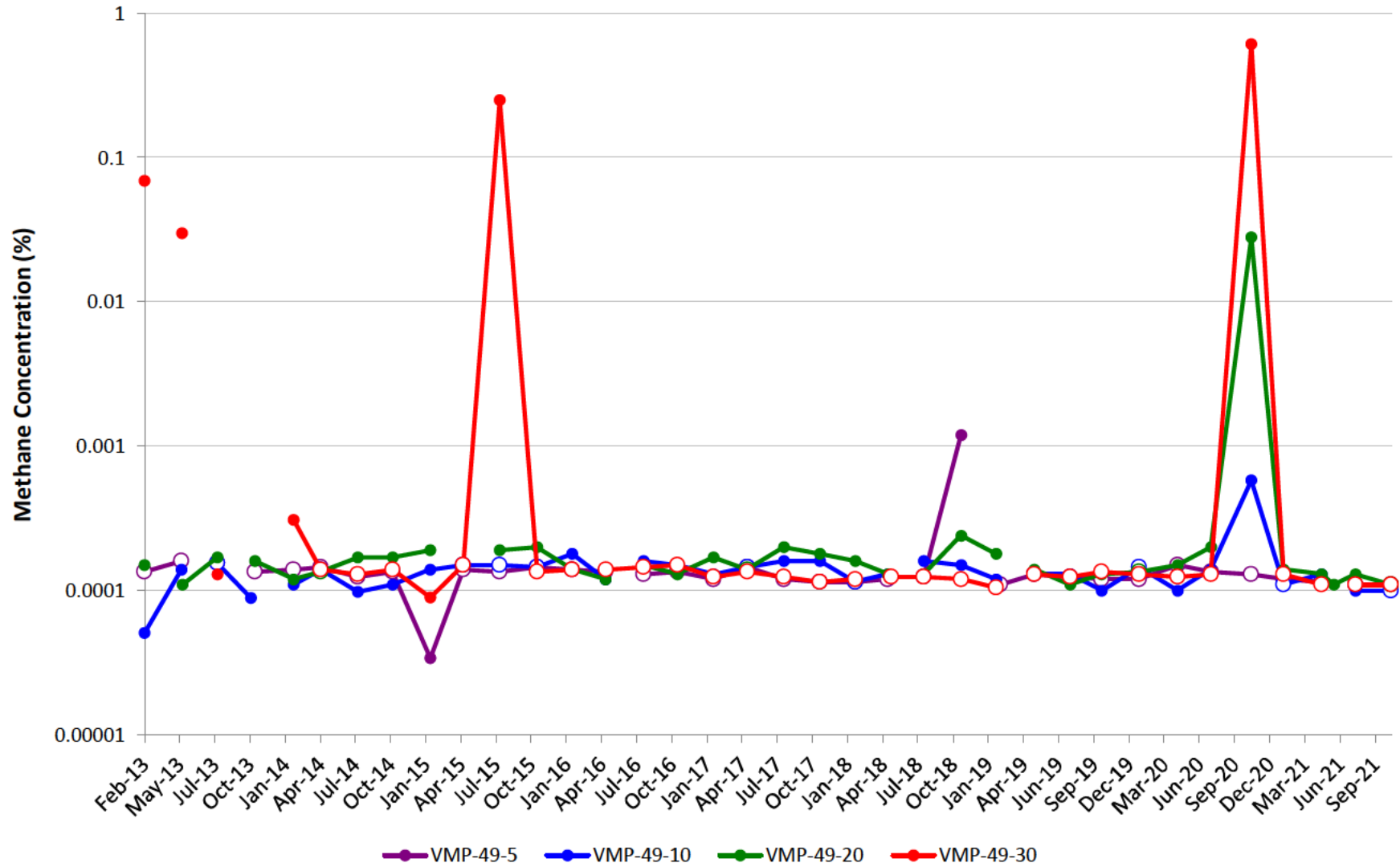
VMP-48

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



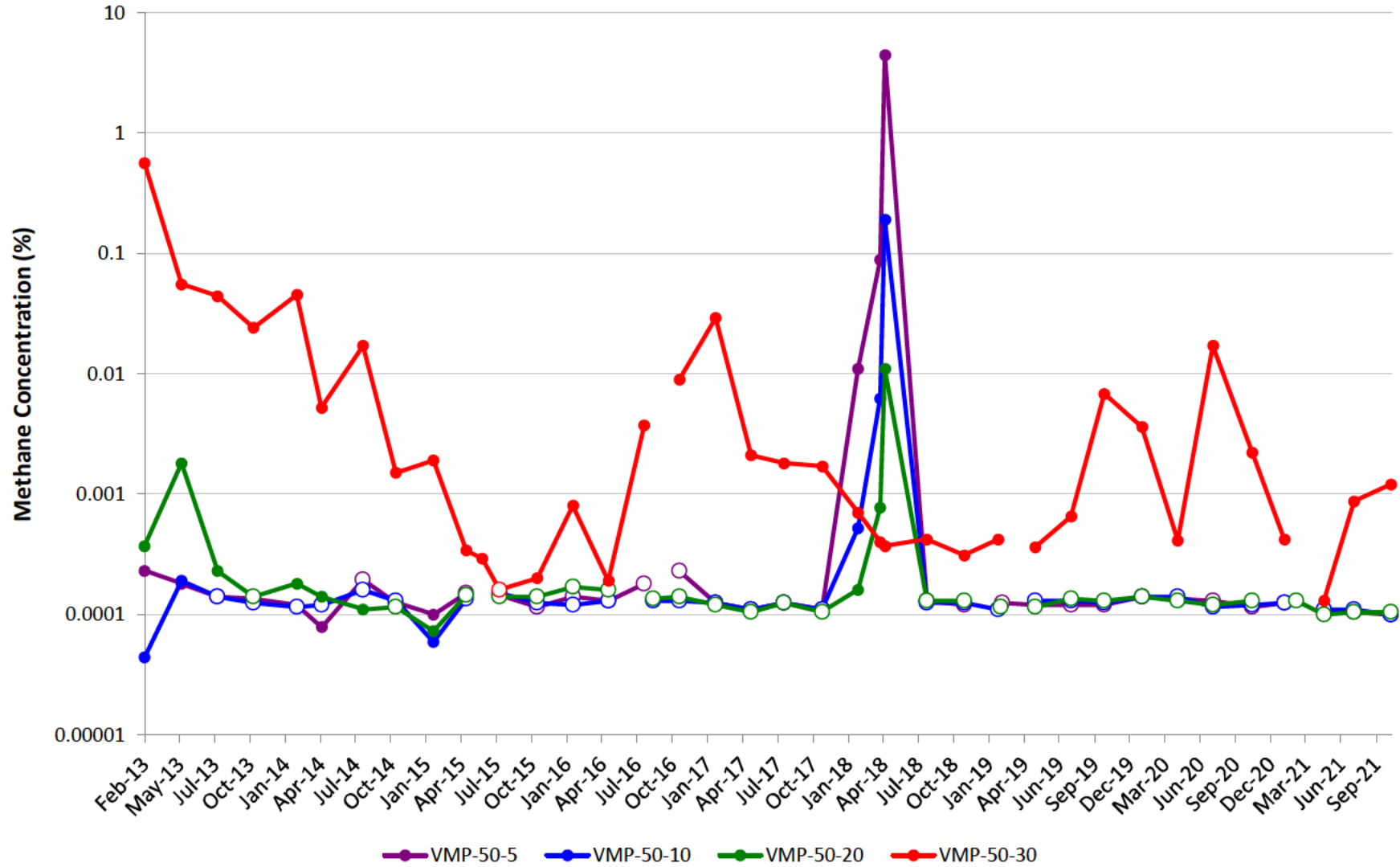
VMP-49

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



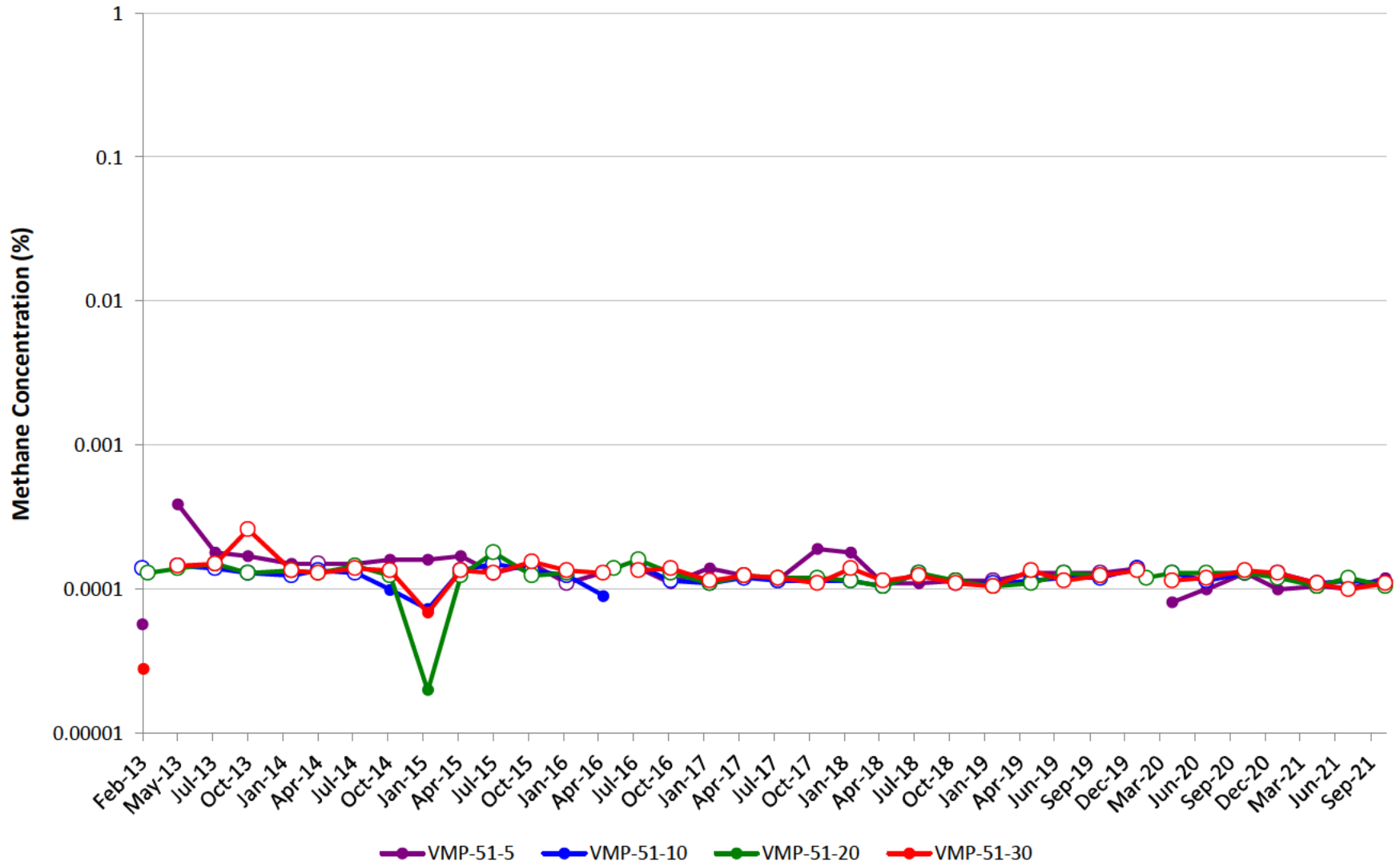
VMP-50

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.
Natural gas utility line leak near VMP-50 was discovered by Ameren Illinois on May 1, 2018 and repaired on May 31, 2018.



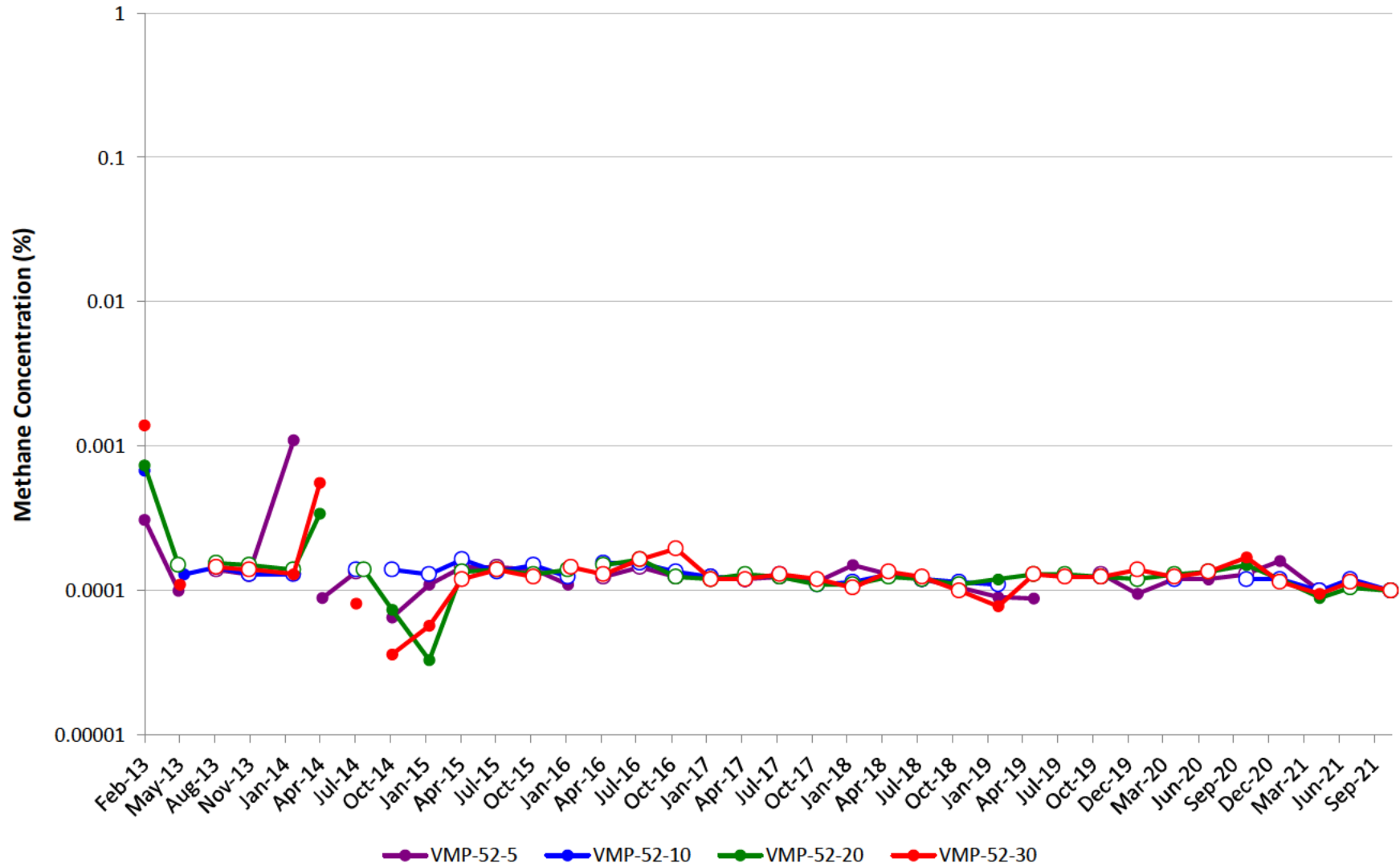
VMP-51

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



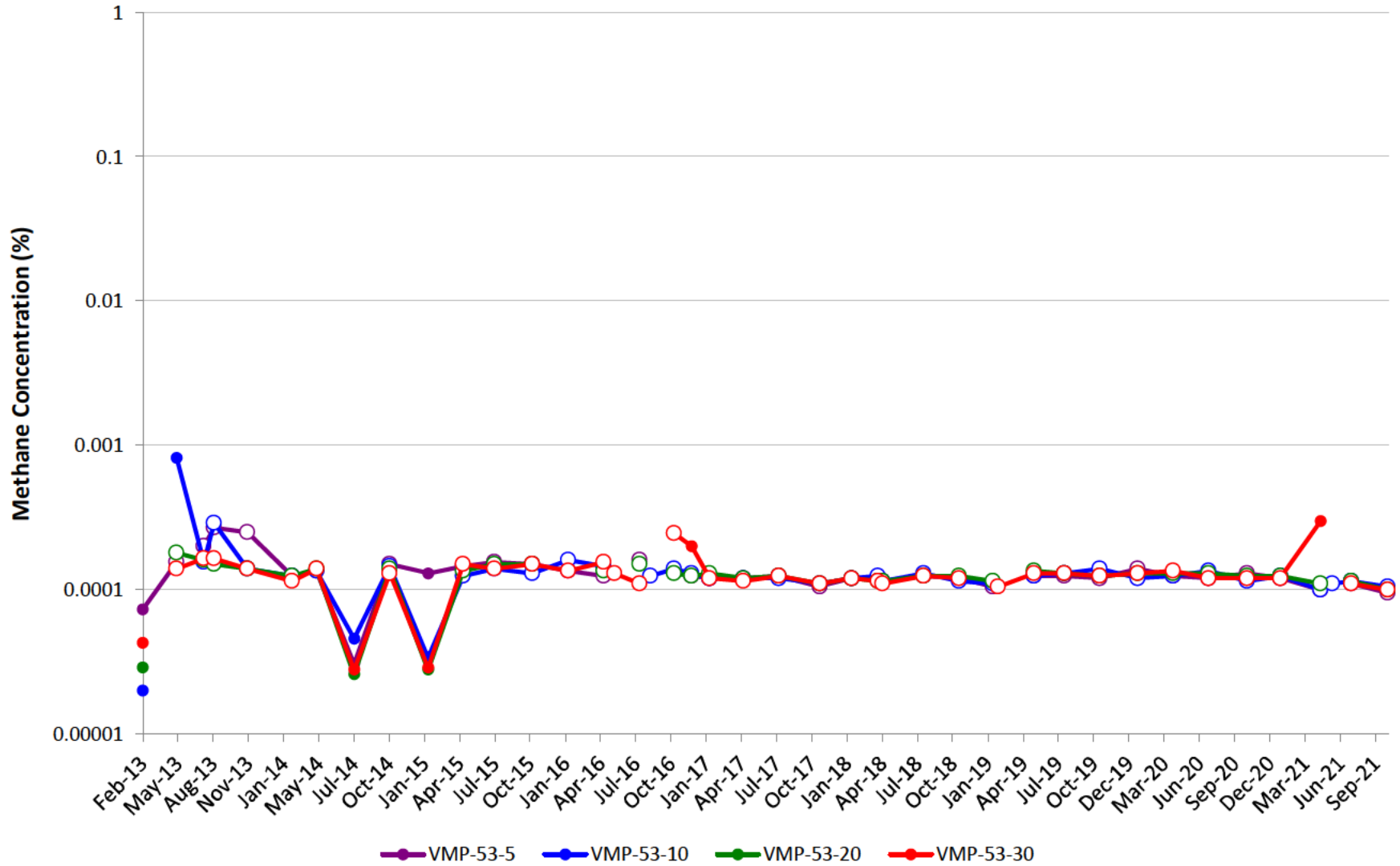
VMP-52

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



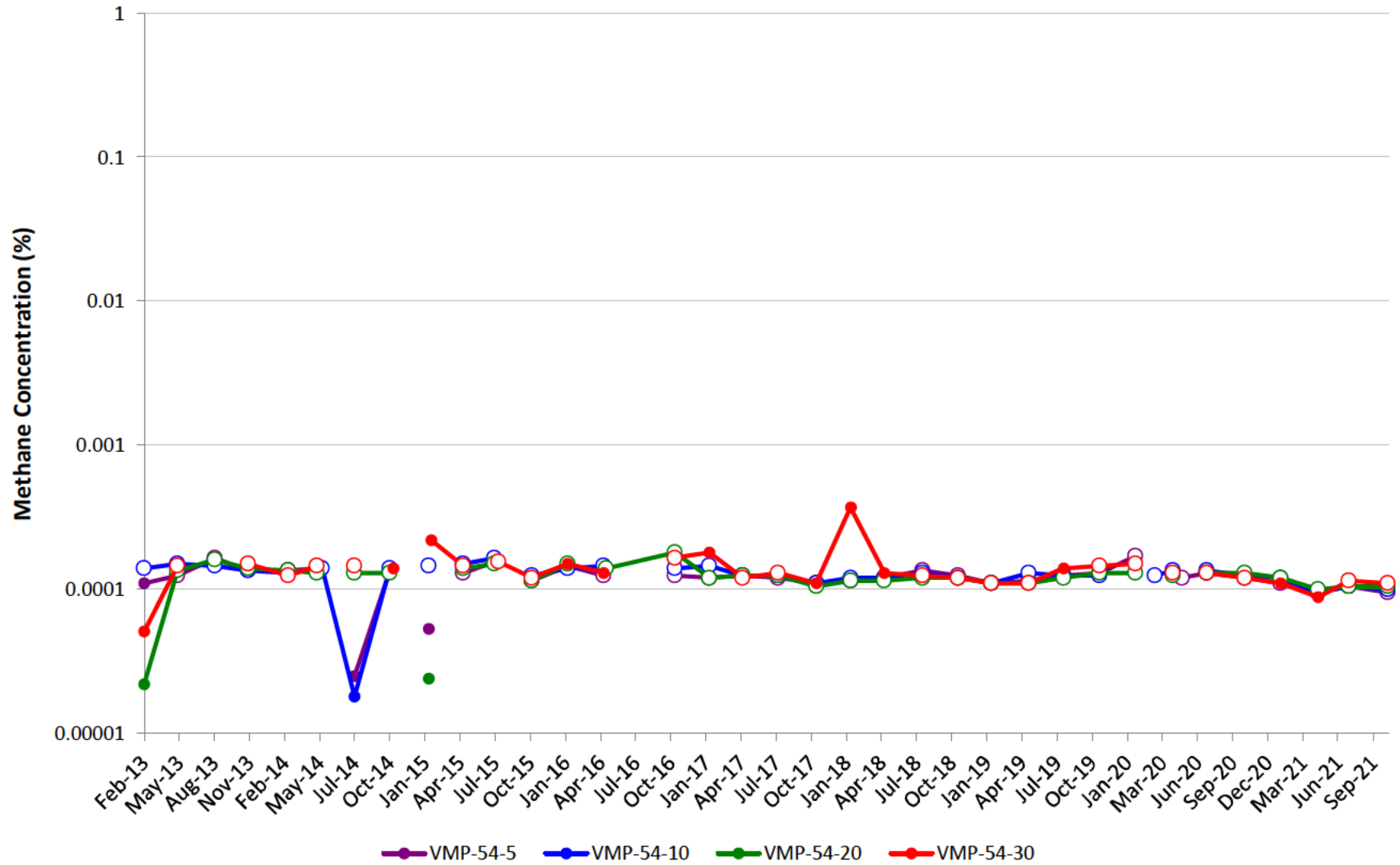
VMP-53

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



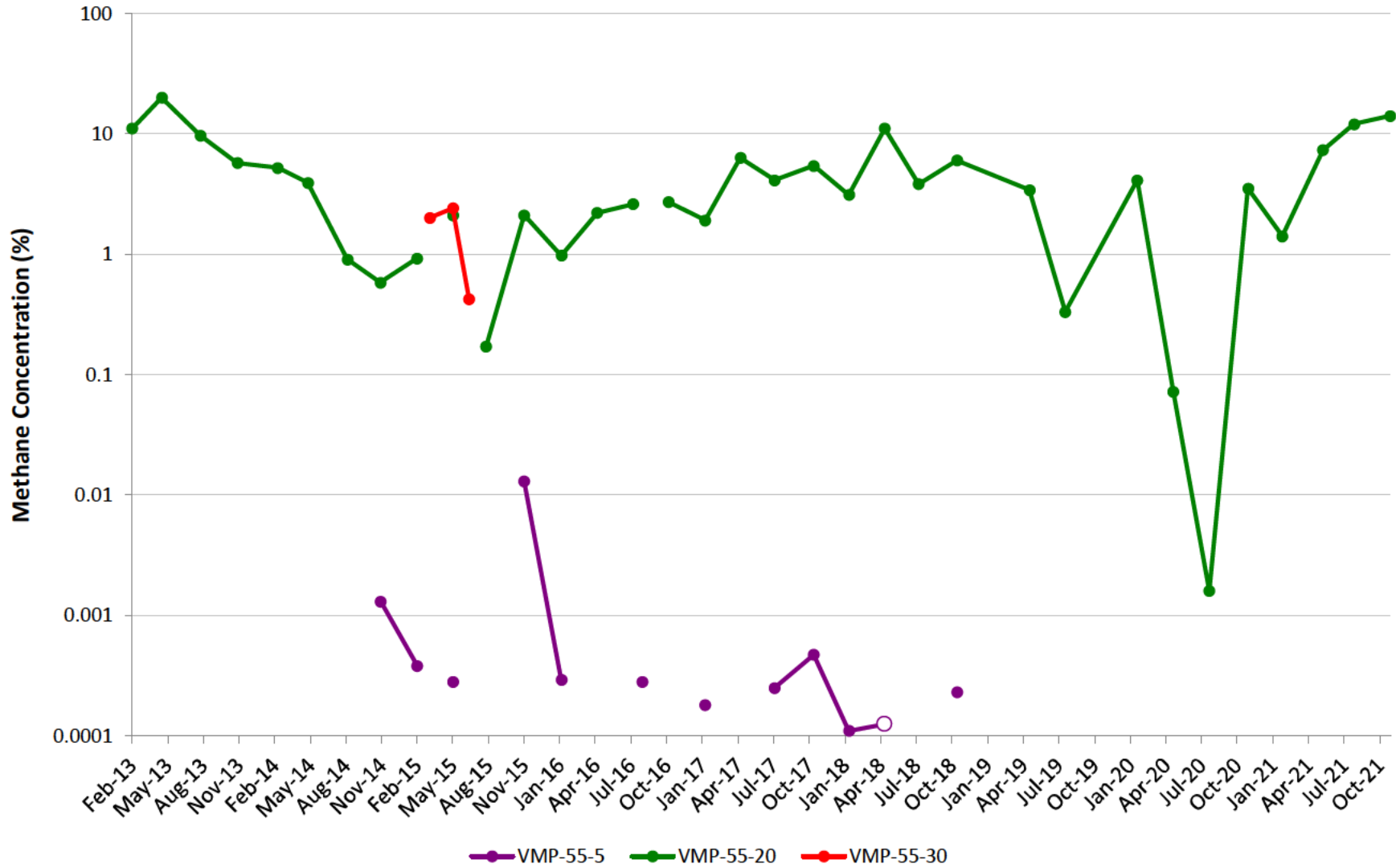
VMP-54

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



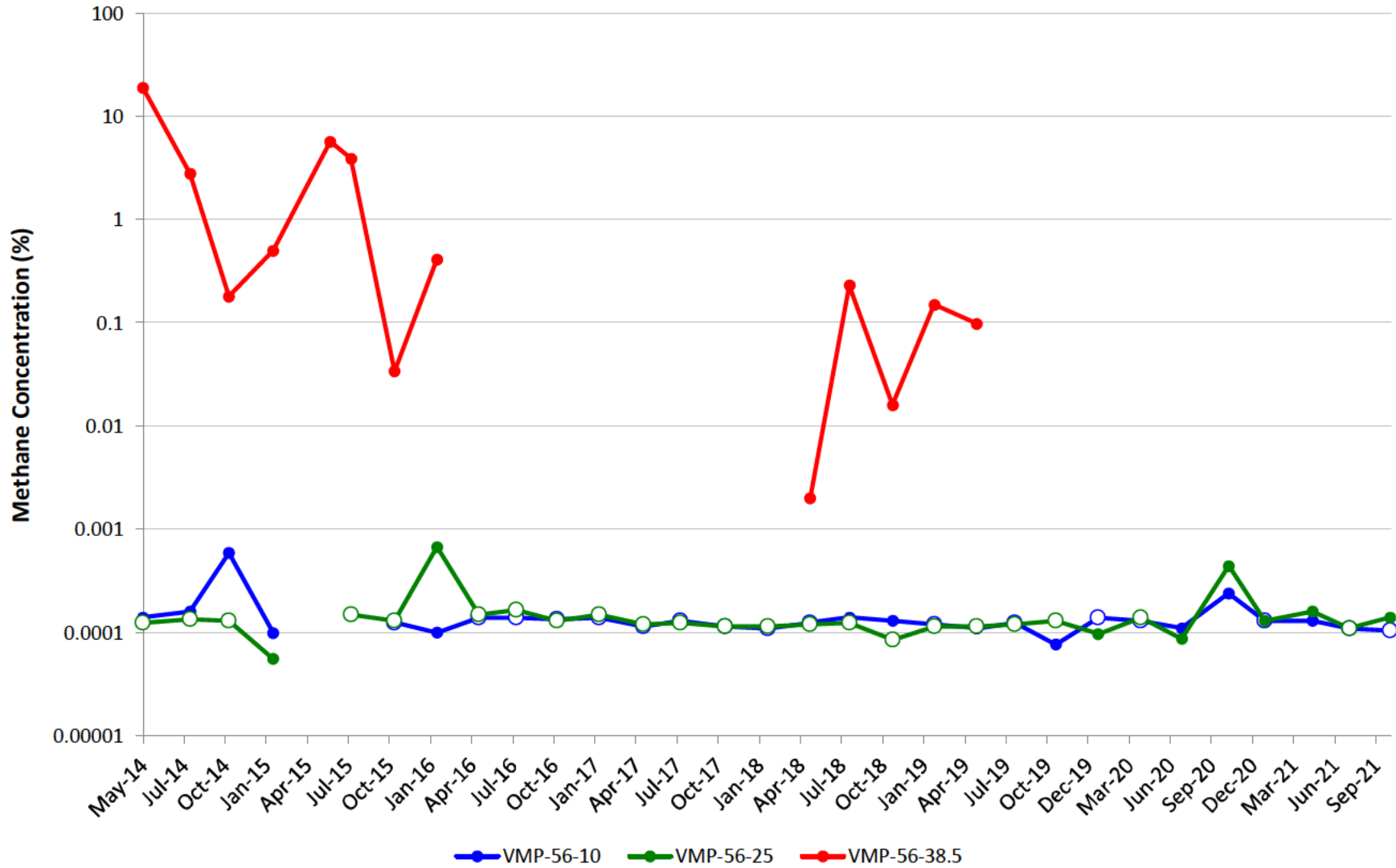
VMP-55

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



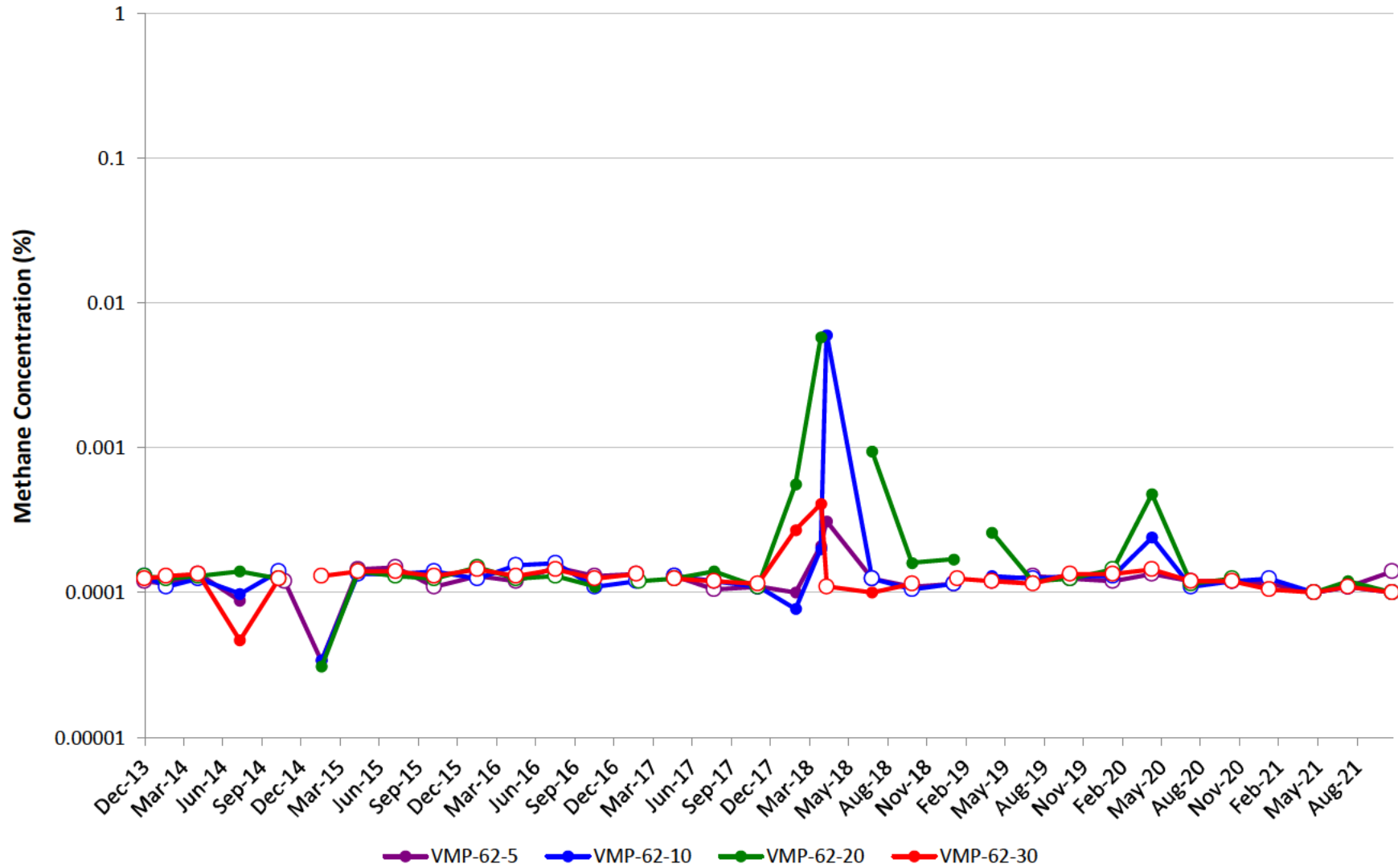
VMP-56

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



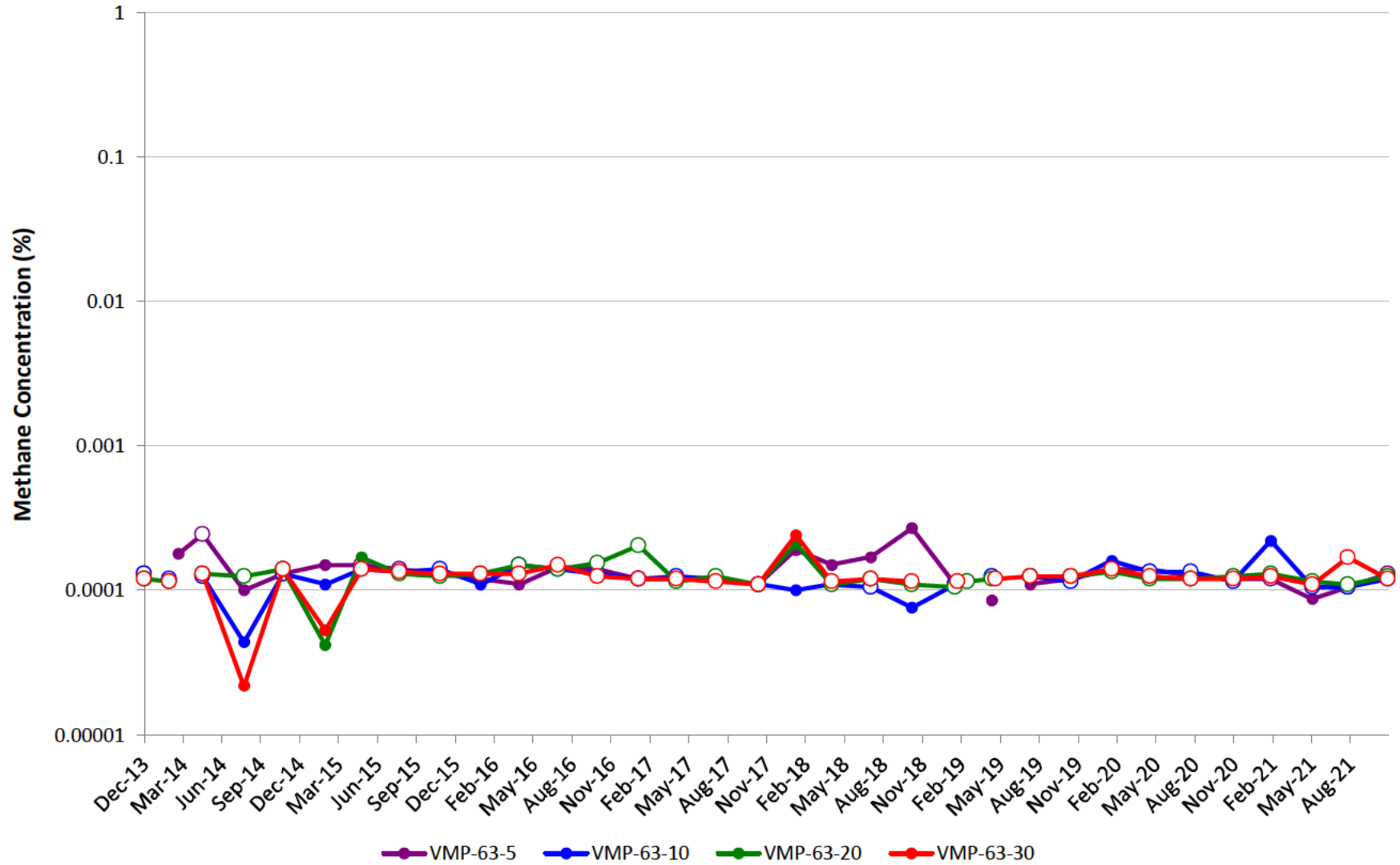
VMP-62

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



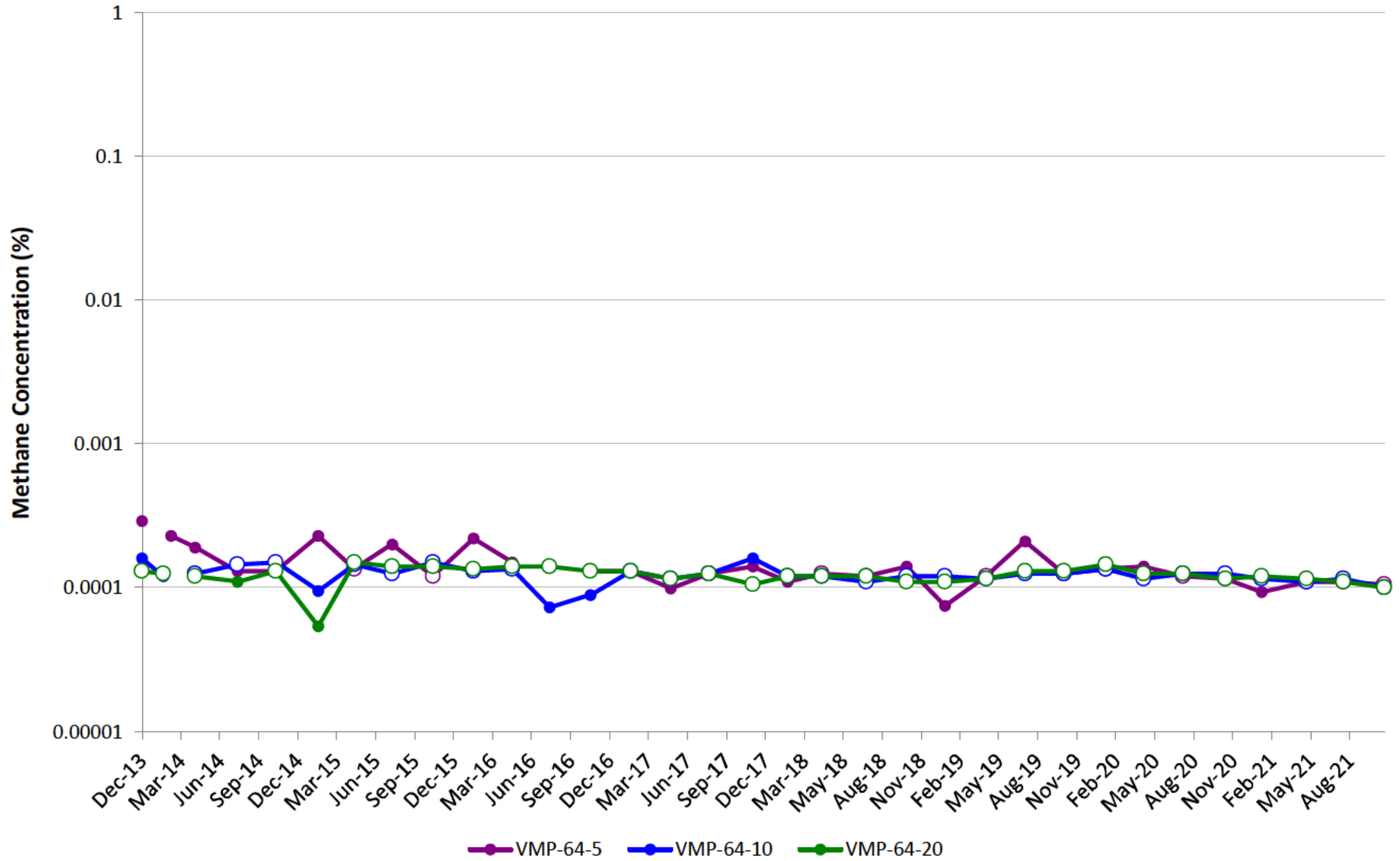
VMP-63

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



VMP-64

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



Appendix C

SVE System Operating Efficiency and Maintenance Chronology

**APPENDIX C
SVE SYSTEM OPERATING EFFICIENCY**

October-21		Hours of Operation	November-21		Hours of Operation	December-21		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	23.78	4	24	24
5	24	24	5	24	24	5	24	24
6	24	24	6	24	24	6	24	24
7	24	24	7	24	24	7	24	24
8	24	24	8	24	24	8	24	24
9	24	24	9	24	17.75	9	24	23.48
10	24	24	10	24	0.25	10	24	20.67
11	24	24	11	24	0	11	24	8.73
12	24	24	12	24	0	12	24	24
13	24	23	13	24	0	13	24	24
14	24	24	14	24	0	14	24	24
15	24	24	15	24	0	15	24	24
16	24	24	16	24	0	16	24	24
17	24	24	17	24	13.42	17	24	24
18	24	24	18	24	24	18	24	24
19	24	24	19	24	24	19	24	24
20	24	24	20	24	24	20	24	24
21	24	24	21	24	24	21	24	24
22	24	23.05	22	24	24	22	24	24
23	24	24	23	24	22.62	23	24	24
24	24	24	24	24	24	24	24	24
25	24	24	25	24	24	25	24	24
26	24	24	26	24	24	26	24	24
27	24	24	27	24	24	27	24	24
28	24	23.32	28	24	24	28	24	24
29	24	24	29	24	24	29	24	24
30	24	24	30	24	24	30	24	24
31	24	24				31	24	24
Totals	744	741.37	Totals	720	533.82	Totals	744	724.88
% Up Time		99.65%	% Up Time		74.14%	% Up Time		97.43%

APPENDIX C
SVE SYSTEM MAINTENANCE CHRONOLOGY

- **October 1, 2021**– Cleaned WFL VLS float systems and housings.
- **October 4, 2021**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **October 11, 2021**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **October 18, 2021**– Drained condensate from both system compressors and performed bubble test on natural gas line. Cleaned WFL and PW VLS float housings.
- **October 25, 2021**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **October 28, 2021**– Performed annual float test on PW AST.
- **November 1, 2021**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **November 4, 2021**– Replaced WFL and PW VLS filter.
- **November 8, 2021**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **November 9, 2021**– Cleaned both WFL and PW VLS units and replaced the blower pre-filter.
- **November 10, 2021**– **800 hour maintenance** – Replaced combustion filter, greased all system fittings, and replaced system data card. Tested AST, VLS and process room floats.
- **November 11, 2021**– Cleaned WFL and PW VLS float systems and housings.
- **November 16, 2021**– Power Supply Industries replaced VFD control board.
- **November 22, 2021**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **November 24, 2021**– Cleaned WFL and PW VLS float systems and housings.
- **November 29, 2021**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **December 3, 2021**– Cleaned WFL and PW VLS float systems and housings.
- **December 6, 2021**– Drained condensate from both system compressors and performed bubble test on natural gas line.

APPENDIX C
SVE SYSTEM MAINTENANCE CHRONOLOGY

- **December 9, 2021– 800 hour maintenance** – Replaced WFL filter, replaced blower filter and pre-filter, replaced combustion filter, greased all system fittings, and replaced system data card. Tested AST, VLS and process room floats.
- **December 10, 2021**– Cleaned WFL and PW VLS float systems and housings.
- **December 13, 2021**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **December 17, 2021**– Cleaned WFL and PW VLS float systems and housings.
- **December 20, 2021**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **December 27, 2021**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **December 29, 2021**– Cleaned WFL and PW VLS float systems and housings.

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)
1/5/2021	92	214	0	284	162	0
1/12/2021	91	204	0	289	165	0
1/19/2021	94	157	0	205	155	0
1/27/2021	107	214	0	304	184	0
2/4/2021	89	196	0	279	202	0
2/10/2021	134	219	0	167	235	0
2/25/2021	115	212	0	305	227	0
3/4/2021	110	214	0	295	210	0
3/9/2021	117	221	0	294	204	0
3/17/2021	119	218	0	291	208	0
3/24/2021	97	209	0	282	187	0
4/1/2021	112	213	0	285	204	0
4/6/2021	111	209	0	278	190	0
4/13/2021	100	216	0	280	182	0
4/22/2021	118	203	0	296	205	0
4/28/2021	103	211	0	276	172	0
5/3/2021	108	206	0	272	164	0
5/11/2021	96	220	0	284	162	0
5/19/2021	160	208	0	267	158	0
5/26/2021	161	0	0	281	163	0
6/1/2021	158	0	0	268	154	0
6/7/2021	153	0	0	270	155	0
6/15/2021	151	0	0	269	170	0
6/22/2021	148	0	0	270	168	0
7/1/2021	153	0	0	266	155	0
7/7/2021	148	0	0	269	153	0
7/14/2021	150	0	0	265	167	0
7/20/2021	153	0	0	267	162	0
7/27/2021	152	0	0	267	141	0
8/4/2021	156	0	0	271	139	0
8/11/2021	156	0	0	265	139	0
8/18/2021	149	0	0	263	144	0
8/24/2021	149	0	0	263	131	0
9/2/2021	149	0	0	267	134	0
9/8/2021	155	0	0	266	156	0
9/15/2021	155	0	0	271	117	0
9/21/2021	151	0	0	271	101	0
9/28/2021	147	0	0	265	116	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)
10/6/2021	152	0	0	274	104	0
10/12/2021	146	0	0	275	99	0
10/20/2021	152	0	0	280	108	0
10/26/2021	153	0	0	280	77	0
11/2/2021	155	0	0	283	103	0
11/18/2021	156	0	0	283	173	0
11/23/2021	150	0	0	283	158	0
12/1/2021	152	0	0	267	137	0
12/7/2021	143	0	0	277	157	0
12/15/2021	155	0	0	258	176	0
12/21/2021	151	0	0	260	165	0
12/28/2021	143	0	0	253	157	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.

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

³Green Leg was shut off on July 7, 2020.

⁴Blue Leg was shut off on May 25, 2021.

Appendix E

Total Header Hydrocarbon Concentrations

APPENDIX E
TOTAL HEADER HYDROCARBON CONCENTRATIONS

Date	West Fenceline Concentration (ppmv)	Public Works Concentration (ppmv)
1/5/2021	13,700	16,800
1/12/2021	14,100	15,900
1/19/2021	12,700	15,600
1/27/2021	13,100	15,400
2/4/2021	18,400	20,700
2/10/2021	15,200	19,100
2/25/2021	15,900	17,200
3/4/2021	15,600	16,000
3/9/2021	15,600	16,000
3/17/2021	14,600	14,100
3/24/2021	16,200	15,400
4/1/2021	16,300	13,700
4/6/2021	14,900	12,000
4/13/2021	15,100	12,300
4/22/2021	17,900	17,500
4/28/2021	11,300	10,300
5/3/2021	15,200	11,800
5/11/2021	13,100	10,200
5/19/2021	9,401	10,100
5/26/2021	14,600	11,800
6/1/2021	13,100	8,310
6/7/2021	14,900	10,300
6/15/2021	14,470	9,707
6/22/2021	15,200	9,300
7/1/2021	17,200	10,200
7/7/2021	13,200	8,125
7/14/2021	18,400	10,400
7/20/2021	18,900	10,800
7/27/2021	13,200	10,100
8/4/2021	14,900	10,600
8/11/2021	16,200	11,600
8/18/2021	17,100	9,979
8/24/2021	14,500	9,890
9/2/2021	12,700	6,841
9/8/2021	15,100	8,421
9/15/2021	16,400	10,900
9/21/2021	11,400	7,460
9/28/2021	11,300	7,885

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX E
TOTAL HEADER HYDROCARBON CONCENTRATIONS

Date	West Fenceline Concentration (ppmv)	Public Works Concentration (ppmv)
10/6/2021	11,500	7,880
10/12/2021	12,000	8,235
10/20/2021	13,400	8,735
10/26/2021	12,700	8,805
11/2/2021	13,900	8,995
11/18/2021	20,600	12,400
11/23/2021	17,700	8,935
12/1/2021	19,500	11,200
12/7/2021	18,400	10,200
12/15/2021	20,400	8,313
12/21/2021	18,700	9,700
12/28/2021	17,200	11,700

¹Sample not collected between 11/2/2021 and 11/18/2021 due to unplanned shutdown.

Appendix F SVE System Flow Rates

APPENDIX F
SVE SYSTEM FLOW RATES

Date	West Fenceline Header ¹ (SCFM)	Public Works Header ¹ (SCFM)
1/5/2021	468	284
1/12/2021	460	289
1/19/2021	407	205
1/27/2021	506	304
2/4/2021	487	279
2/10/2021	587	167
2/25/2021	555	305
3/4/2021	534	295
3/9/2021	541	294
3/17/2021	546	291
3/24/2021	493	282
4/1/2021	529	285
4/6/2021	510	278
4/13/2021	498	280
4/22/2021	526	296
4/28/2021	487	276
5/3/2021	477	272
5/11/2021	478	284
5/19/2021	526	267
5/26/2021	324	281
6/1/2021	312	268
6/7/2021	308	270
6/15/2021	321	269
6/22/2021	317	270
7/1/2021	308	266
7/7/2021	301	269
7/14/2021	317	265
7/20/2021	315	267
7/27/2021	292	267
8/4/2021	295	271
8/11/2021	295	265
8/18/2021	293	263
8/24/2021	279	263
9/2/2021	283	267
9/8/2021	311	266
9/15/2021	272	271
9/21/2021	252	271
9/28/2021	263	265

SEE LAST PAGE OF TABLE FOR NOTES **APPENDIX F**
SVE SYSTEM FLOW RATES

Date	West Fenceline Header ¹ (SCFM)	Public Works Header ¹ (SCFM)
10/6/2021	256	274
10/12/2021	246	275
10/20/2021	260	280
10/26/2021	230	280
11/2/2021	258	283
11/18/2021	329	283
11/23/2021	308	283
12/1/2021	290	267
12/7/2021	300	277
12/15/2021	332	258
12/21/2021	316	260
12/28/2021	300	253

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.

